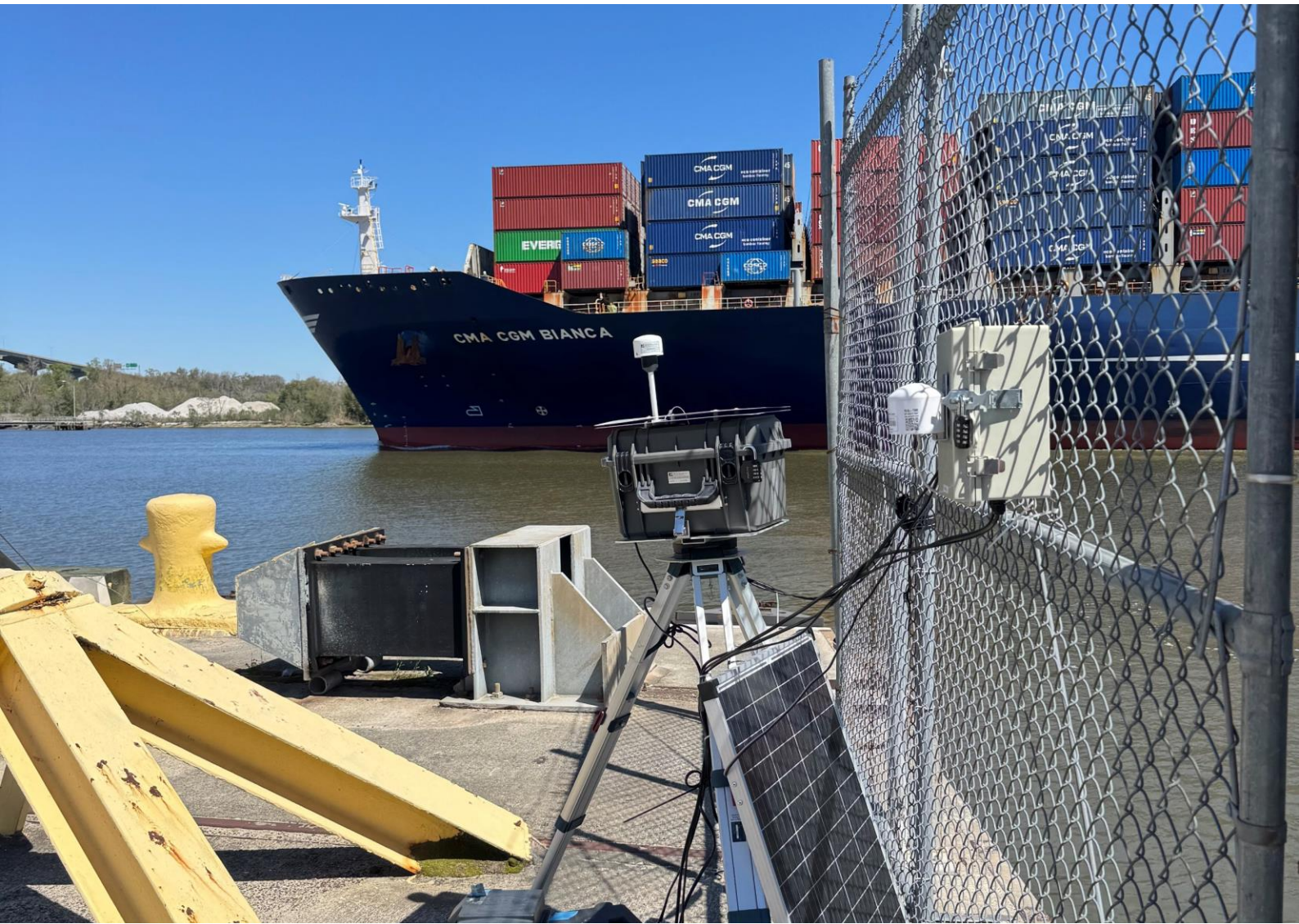
Air Monitoring Study Final Report

Post Completion of the Savannah Harbor Expansion Project

Georgia Ports Authority

8 July 2025

→ The Power of Commitment



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Executive Summary

Following the completion of the Savannah Harbor Expansion Project (SHEP), the Georgia Ports Authority (GPA) has conducted a one-year post-SHEP ambient air monitoring study (Study) to evaluate potential air quality impacts on surrounding communities from Savannah Harbor's service of post-Panamax ships in normal operations. It was performed in accordance with the parameters set forth in the letter from the U.S. Environmental Protection Agency (USEPA) to Griff Lynch, President & Chief Executive Officer of GPA dated May 17, 2023, and with regular consultation with USEPA staff and the Georgia Environmental Protection Division (EPD). The study measured particulate matter less than or equal to 2.5 microns (µm) in diameter ($PM_{2.5}$), and black carbon (BC). GPA contracted GHD Inc. (GHD) to install and maintain the real-time monitoring equipment over the duration of the Study, and manage, validate and report on the monitoring data.

At the initiation of the Study, a project-specific Quality Assurance Project Plan (QAPP) was developed to establish the procedures for air monitoring data collection and reporting during the Study. USEPA provided comments on the initial QAPP and Revision 02 of the QAPP, which addressed the USEPA comments on the original version, was used to guide the Study.

The air monitoring locations selected for the study included six community locations (Garden City, Woodville, West Savannah, Hudson Hill, Carver Village and Brickyard), two locations along the shipping channel (Ocean Terminal and Cockspur Island), and the existing EPD ambient air monitoring site at the intersection of West Lathrop Avenue and Augusta Avenue in Savannah (Savannah L&A Site). The monitoring locations were chosen based on community input, Wi-Fi connectivity, power availability, site security, and equipment positioning. Each of the nine (9) locations had a PurpleAir PM2.5 monitor (PurpleAir monitor) deployed, while three of the locations also had a Met One C-12 BC monitor (C-12 monitor) deployed (Garden City, Ocean Terminal and Cockspur Island).

In addition to the one-year of continuous monitoring, the Study also included base testing for one month prior to the Study and for one month at the conclusion of the Study. During the base testing, the monitors were collocated at the Savannah L&A Site. The C-12 monitors were evaluated for data reproducibility across the three monitors and the PurpleAir monitors were assessed for precision and correlation with the EPD reference method ambient air monitor at the Savannah L&A Site.

Air monitoring can be challenging, and this Study was no exception. Successfully deploying air monitoring equipment to nine locations required significant planning and ingenuity. Challenges that were encountered during the Study included:

- Hardware malfunctions: The PurpleAir monitors are portable cost-effective units that are relatively simple to deploy, when compared to conventional reference method ambient air quality monitors, but hardware malfunctions associated with the SD cards and internal sensors in the PurpleAir monitors were problematic. Attempts to replace the failing sensors were unsuccessful and the original PurpleAir monitors were replaced with a newer version to resolve the malfunction issues.
- Cellular connectivity: The real-time air monitoring equipment relied on stable cellular connections to transmit data to cloud-based servers. Inconsistent cellular service in some areas caused intermittent connection and data transmission failures, resulting in data gaps. The cellular service provider, Verizon, provided support to enhance the cellular connectivity infrastructure and redundant communication systems were integrated to ensure uninterrupted data transmission.
- Power supply: Direct power was not provided, so each air monitoring setup was designed to generate its own power. The initial solar setup struggled to provide consistent power because of insufficient sunlight during the winter months. The solar panels were upgraded to higher-efficiency models with high wattage output and multiple battery storage solutions were incorporated to allow additional energy storage for use during low generation periods. Enhanced maintenance routines were established to ensure optimal functioning of the solar panels and battery storage. These improvements enhanced monitor operating time and

improved data capture over the Study period. Data capture improved from 57.3% (March 2024 through July 2024) to 86.5% data capture (August 2024 through April 2025).

– Weather impacts: Adverse weather conditions caused damage to equipment resulting in temporary monitor downtime. Severe storms including Hurricane Helene impacted equipment and caused power and cellular service outages. Monitor downtime was minimized by pre-emptively disconnecting systems that were most vulnerable to damage and placing systems back in operation quickly after storms passed.

In accordance with the Study QAPP submitted to the USEPA, the Study data collection period extended from March 8th, 2024 to April 8th, 2025 to ensure that a full 12 months of air monitor data was obtained.

Analysis of the Study data yielded the following conclusions:

– During the Study, the measured average $PM_{2.5}$ concentrations were less than the primary annual $PM_{2.5}$ National Ambient Air Quality Standard (NAAQS). During the Study, measured average $PM_{2.5}$ concentrations were less than annual averages from 2016 to 2019, reflecting reduced $PM_{2.5}$ levels in the community. The reduced $PM_{2.5}$ measured during the Study indicates that larger vessels enabled by the deeper draft in the Savannah River post-SHEP did not adversely impact air quality.
– No correlation between ship traffic and measured $PM_{2.5}$ and BC concentrations was observed at the monitor closest to the ship channel.
– Wildfires and prescribed burns release particulate matter into the airshed.[1] The USEPA AirNow Fire and Smoke Map[2] provides publicly available information about smoke from wildfires and prescribed burns. During the Study, air quality index (AQI) data, obtained from the USEPA AirNow Fire and Smoke Map, was tracked along with wind direction. When the AQI noted the air quality as “moderate” and “unhealthy for sensitive groups” smoke was identified as impacting the Savannah airshed.
– Air quality impacts observed at monitors in the community were not observed at the monitors closest to the Savannah River, indicating that the emission source causing these impacts is not located in or along the River and may be associated with industrial air pollution sources or vehicular emissions closer to the community.
– The Study validates the use of PurpleAir air quality monitors as an effective approach to conducting short to mid-term (less than 24 months) air monitoring programs. While the PurpleAir monitors are not designed for use beyond 24 months, both the PurpleAir monitors and the C-12 monitors can be effectively deployed for short-term studies with sufficient planning, program oversight, diligent maintenance, and quality assurance.

GPA’s execution of this Study demonstrates a commitment to a broader effort to reduce the carbon footprint and community impact of port operations.

[1] **Why Wildfire Smoke is a Health Concern | US EPA**
[2] **AirNow Fire and Smoke Map**

Contents

Executive Summary **i**

1. Introduction **1**

2. Air Monitoring Program **3**

2.1 PurpleAir $PM_{2.5}$ Real-Time Monitor 3

2.2 Met One Instruments C-12 BC Monitor 4

3. Monitoring Locations Summary **5**

3.1 Garden City 6

3.2 Carver Village 7

3.3 Woodville 8

3.4 GA DNR 8

3.5 West Savannah 9

3.6 Brickyard 10

3.7 Hudson Hill 11

3.8 Ocean Terminal 11

3.9 Cockspur Island 13

4. Data Results Summary **14**

4.1 Base Testing 14

4.2 Pre-Study Correlation Base Testing 15

4.3 One-Year Monitoring Study 18

4.4 Post-Study Correlation Base Testing 20

4.5 Data Comparison to National Ambient Air Quality Standard for $PM_{2.5}$ 22

4.6 Daily $PM_{2.5}$ Air Quality Index 24

4.7 Data Completeness 25

4.8 Ship Channel Air Quality Impact Analysis 27

5. Monitoring Study Conclusion **31**

Table Index

Table 1: GPA Ambient Monitoring Locations and Monitors 2

Table 2: PurpleAir Monitor Performance Metrics and Targets 15

Table 3: Pre-Study PurpleAir Monitor Base Testing Linearity and Error Performance Matrix Summary 16

Table 4: Pre-Study PurpleAir Monitors Base Testing Precision Performance Matrix Summary 17

Table 5: Post-Study PurpleAir Monitors Base Testing Linearity and Error Performance Matrix Summary 20

Table 6: Post-Study PurpleAir Monitors Base Testing Precision Performance Matrix Summary 21

Table 7: USEPA NAAQS Standards $PM_{2.5}$ 23

Table 8: $PM_{2.5}$ Pre- and Post- SHEP 24

Table 9: GPA Monitoring Program Average Daily $PM_{2.5}$ March 8, 2024 – April 8, 2025 24

Table 10: Breakpoint Concentrations and AQI Values 24

Table 11: GPA Air Monitoring Study Data Percent Completeness March 2024 - April 2025 26

Figure Index

Figure 1: Garden City Monitoring Location 6
Figure 2: Carver Village Monitoring Location 7
Figure 3: Carver Village Revised Monitoring Location 7
Figure 4: Woodville Monitoring Location 8
Figure 5: DNR Monitoring Location 9
Figure 6: West Savannah Monitoring Location 9
Figure 7: Brickyard Monitoring Location 10
Figure 8: Brickyard Revised Monitoring Location 10
Figure 9: Hudson Hill Monitoring Location 11
Figure 10: Ocean Terminal Original Monitoring Location 12
Figure 11: Ocean Terminal Original and Temporary Monitoring Location 12
Figure 12: Cockspur Island Monitoring Location 13
Figure 13: Pre-Study Base Tesing C-12 Monitors January 25, 2024 – March 4, 2024 ($\mu g/m^3$) 18
Figure 14: GPA Monitoring Program Wind Rose March 8, 2024 – April 8, 2025 19
Figure 15: Post-Study Base Testing C-12 Monitors April 9, 2025 – May 12, 2025 ($\mu g/m^3$) 22
Figure 16: Savannah L&A $PM_{2.5}$ Data 2016 - 2019 23
Figure 17: Ship Channel Savannah, GA 27
Figure 18: Ship Canal Passing Cockspur Island Savannah, GA 28
Figure 19: $PM_{2.5}$ Versus # Ship Crossings November 2024 29
Figure 20: Single Day Crossing Breakdown November 3, 2024 30

Appendices

Appendix A Air Monitoring Location Figures
Appendix B Correlation Base Testing Data
Appendix C Monthly SAROAD Tables
Appendix D Monthly $PM_{2.5}$ and BC Graphs
Appendix E Monthly Wind Roses
Appendix F AQI Index Values
Appendix G Air Quality Tracker
Appendix H USEPA Letter to GPA

Acronyms/Abbreviations

Acronyms/Abbreviations	Definition
AIS	Automated Information System
AQI	Air Quality Index
ATA	Actual Time of Arrival
ATD	Actual Time of Departure
BC	Black Carbon
cf	Correction Factor
CFR	Code of Federal Regulations
DNR	Department of Natural Resources
DQO	Data Quality Objective
EPD	Georgia Environmental Protection Division
FEM	Federal Equivalent Method
FRM	Federal Reference Method
GCT	Garden City Terminal
GPA	Georgia Ports Authority
L&A	West Lathrop Avenue and Augusta Avenue in Savannah
LPM	Liter Per Minute
MPC	Measurement Performance Criteria
NAAQS	National Ambient Air Quality Standard
Nm	Nanometers
NSIM	non-regulatory supplemental and informational monitoring
OT	Ocean Terminal
PA	PurpleAir
PM	Particulate Matter
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
SAROAD	Storage and Retrieval of Aerometric Data
SHEP	Savannah Harbor Expansion Project
TSP	Total Suspended Particles
USEPA	U.S. Environmental Protection Agency
µ	Microns

1. Introduction

Following the completion of the Savannah Harbor Expansion Project (SHEP), the Georgia Ports Authority (GPA) has conducted a one-year post-SHEP ambient air monitoring study (Study) to evaluate potential air quality impacts on surrounding communities from Savannah Harbor's service of post-Panamax ships in normal operations. It was performed in accordance with the parameters set forth in the letter from the U.S. Environmental Protection Agency (USEPA) to Griff Lynch, President and Chief Executive Officer of the GPA dated May 17, 2023 (**Appendix H**).[3] The Study measured particulate matter (PM) less than or equal to 2.5 microns (µm) in diameter ($PM_{2.5}$) and black carbon (BC) using real-time monitors placed along the shipping channel and in the communities surrounding the Savannah Harbor. These activities were conducted for one (1) year, March 2024 through March 2025.

The post-SHEP channel enables the passage of larger vessels through Savannah Harbor. These larger vessels can accommodate more cargo, which has resulted in the Port of Savannah seeing a decrease in ship traffic, with annual vessel calls decreasing from 2,266 in 2016 to 1,782 in 2024.

In order to evaluate potential air quality impacts resulting from the change in vessel traffic at the GPA terminals, the study focused on emissions related to vessels: $PM_{2.5}$ and BC. BC, commonly known as soot, is a component of $PM_{2.5}$. It is formed by incomplete combustion, for example of wood, waste and fossil fuels, a process which also creates carbon dioxide, carbon monoxide, and volatile organic compounds. PurpleAir monitors were selected to continuously measure $PM_{2.5}$, and Met One C-12 monitors were selected to continuously measure BC.

A verification assessment (USEPA base testing)[4] of the PurpleAir monitors' precision and correlation with the DNR Federal Equivalent Method (FEM) $PM_{2.5}$ monitor was conducted utilizing the State of Georgia Environmental Protection Division (EPD) Department of Natural Resources (DNR) ambient air monitor and meteorological station located at West Lathrop Avenue and Augusta Avenue in Savannah (Savannah L&A Site). The PurpleAir monitors were collocated with the DNR ambient air monitor for one (1) month prior to the Study and for one (1) month at the conclusion of the Study.

The C-12 monitors were deployed at the Savannah L&A Site to assess the reproducibility of the data across the group of C-12 monitors. The C-12 monitors were collocated at the Savannah L&A Site for one (1) month prior to the Study and for one (1) month at the conclusion of the Study. The measured data from each C-12 monitor was compared to assess measurement consistency across the C-12 monitors.

The air monitoring locations were USEPA approved community sites and additional locations along the Savannah River. The locations were chosen based on community feedback, Wi-Fi connectivity, power availability, site security, and equipment positioning. The air monitoring locations and equipment at each location are listed in **Table 1** and corresponding Figures are in **Appendix A – Air Monitoring Location Figures**. USEPA identified three community locations, Garden City, Woodville, and West Savannah. Community feedback identified three additional community locations: Carver Village, Brickyard, and Hudson Hill. The final three locations included the DNR Savannah L&A Site and two monitoring sites located along the Savannah River on GPA property. The Savannah River locations included the Cockspur Island Pilot Station and the Ocean Terminal. In total, nine (9) locations were included in the study. Each of the nine (9) locations had a PurpleAir monitor to measure $PM_{2.5}$, and three (3) locations (Garden City, Ocean Terminal, Cockspur Island) also had a C-12 monitor to measure BC.

[3] USEPA Letter to GPA, "The U.S. Environmental Protection Agency Consultation with Georgia Ports Authority on an Air Monitoring Study Post Completion of the Savannah Harbor Expansion Project," May 17, 2023.
[4] Performance Testing Protocols, Metrics, and Target Values for Fine Particulate Matter Air Sensors," USEPA Office of Research and Development (EPA/600/R-20/280 | February 2021).

Table 1: GPA Ambient Monitoring Locations and Monitors

Monitoring Location	Address	Location Type	Monitors Deployed	Figure (See Appendix A)
Garden City (GC)	227 Big Hill Road, Savannah, GA 31408	Community	PurpleAir $PM_{2.5}$ Met One C-12 BC	Figure 1
Carver Village (CV)	905 Collat Ave., Savannah, GA 31415	Community	PurpleAir $PM_{2.5}$	Figure 5
Woodville (WV)	131 Darling St., Savannah, GA 31408	Community	PurpleAir $PM_{2.5}$	Figure 2
GA DNR Collocation (Savannah L&A Site)	2401 Augusta Ave., Savannah, GA 31415	QC - Collocation	PurpleAir $PM_{2.5}$	Figure 7
West Savannah (WSav)	1410 Richards St., Savannah, GA 31415	Community	PurpleAir $PM_{2.5}$	Figure 4
Brickyard (BY)	15 Milliken St., Savannah, GA 31415	Community	PurpleAir $PM_{2.5}$	Figure 6
Hudson Hill (HH)	2227 Hudson St., Savannah, GA 31415	Community	PurpleAir $PM_{2.5}$	Figure 3
Ocean Terminal (OT)	GPA Property	Ship Channel	PurpleAir $PM_{2.5}$ Met One C-12 BC	Figure 9
Cockspur Island Pilot Station (CI)	GPA Property	Ship Channel	PurpleAir $PM_{2.5}$ Met One C-12 BC	Figure 8
All Air Monitoring Locations				Figure 10

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2. Air Monitoring Program

The Study measured $PM_{2.5}$ and BC concentrations in ambient air in real-time along the shipping channel and the community surrounding GPA property. The Study followed USEPA guidance and procedures, including:

- "*Performance testing Protocols, Metrics, and Target Values for Fine Particulate Matter Air Sensors*," USEPA Office of Research and Development (EPA/600/R-20/280 | February 2021)
- "*Requirements for Quality Assurance Project Plans*," USEPA (QA/R-5, EPA/240/B-01/002 | March 2001)

GHD developed a project-specific Quality Assurance Project Plan (QAPP). This was provided to the USEPA for review and comment. The final version of the QAPP, Revision 2, was issued December 11, 2023 and approved by USEPA on December 18, 2023.

Measurements made in the monitoring Study were:

- $PM_{2.5}$ concentration in micrograms per cubic meter ($\mu g/m^3$)
- BC concentration as Total Suspended Particulate (TSP) in $\mu g/m^3$

Data from the monitors were uploaded in real-time to vendor web-based dashboards. GHD utilized vendor software to download data from the cloud servers to process and archive on the GHD internal SharePoint site. The following sections describe the monitoring equipment used in the Study.

2.1 PurpleAir $PM_{2.5}$ Real-Time Monitor

PurpleAir monitors use MS*003 series laser counters to measure particulate matter in real-time. Each laser counter within a pair, channels A and B, alternates five-second readings averaged over two minutes. Each laser counter uses a fan to draw a sample of air past a laser beam. The laser beam reflects off any present particles onto a detection plate. The reflection is measured as a pulse by the detection plate. The length of this pulse determines the size of the particle. The number of pulses determine the particle count. These particle measurements are used to infer the mass concentrations of $PM_{1.0}$, $PM_{2.5}$, and PM_{10} for standard indoor and outdoor atmospheric particles. The Study included collection of one-year of ambient air data and a one-month collocation period prior to and one-month collocation period after the Study. The monitor data is transferred in real-time through an internet connection to a cloud-based dashboard maintained by PurpleAir.

The PurpleAir monitors log data and upload the data to a cloud server or other network (PurpleAir website), where the data is accessible to the public in real-time. Each of the PurpleAir monitors appear as a colored dot or "map marker" on the publicly available PurpleAir website map. Clicking or tapping on the map marker opens a popup window with details about the selected monitor. The PurpleAir monitors have two laser counters. The monitors have a confidence score which was a measure of how closely the two laser counters were reading. The higher the confidence score, the more similar the laser counter data and the higher the confidence in the monitor measurements. PurpleAir incorporates the confidence score into the network data shown on the PurpleAir website, with increasing levels of transparency for monitors that have decreasing confidence scores.

During the base testing that occurred for a one-month period prior to the Study, data from the publicly available PurpleAir monitors was compared with the collocated DNR monitor, which is a Federal Equivalent Method (FEM) monitor, to evaluate the accuracy, precision, and bias of the PurpleAir monitor measurements relative to the FEM monitor measured concentrations, as well as variability in the response between the monitors. Standard Quality Assurance/Quality Control (QA/QC) procedures, such as flow checks, cannot be performed on the PurpleAir monitors. In lieu of QA/QC procedures, USEPA recommends routine comparison of the two channels, denoted as "A" and "B." As part of the Study, raw data from the two channels were compared for each PurpleAir monitor. If channels A and B disagree by an absolute difference of > 5 $\mu g/m^3$, the hourly data are considered invalid and not included in the Study data set.

During the Study, GHD verified monitor operation weekly. GHD investigated non-operational monitors within five (5) business days and deployed replacement monitors if required. The PurpleAir monitors were identified as non-operational when the monitors were not producing a recorded value in the dashboard.

2.2 Met One Instruments C-12 BC Monitor

The Met One C-12 Portable Carbon Monitor is a one-wavelength monitor that automatically measures and records optical transmission across filter media onto which particulate matter is deposited. The industry standard wavelength of 880 nanometers (nm) determines the concentration of BC. Ambient air is drawn into the instrument at one (1) liter per minute (LPM). The sampled air is drawn through a heated inlet section and then through special glass fiber filter tape, capturing ambient particulate matter. Optical transmission is measured through the filter tape allowing BC mass concentrations to be calculated. The filter tape advances when sufficient particulate matter is deposited on the tape to cause the attenuation of the selected channel to exceed a factory recommended level. The C-12 monitor data is accessible in real-time through the Met One Cloud Service.

During the one-year Study, monitor operation was verified weekly, and replacement monitors were deployed as soon as possible when monitors were identified as non-operational. The C-12 monitoring data was logged and uploaded to the cloud server, where the data was accessed in real-time during the Study.

In lieu of QA/QC procedures, the acceptable flow rate of the C-12 monitor is 1 LPM. Any hourly data recorded with the flow rate is outside the 1 LPM $\pm$ 5% is invalidated. Periodic flow verifications were also conducted with a traceable standard to verify flow.

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3. Monitoring Locations Summary

The Study began with a verification assessment at the DNR Site. The USEPA requires a verification assessment, referred to as “base testing,” of the monitors prior to and after the Study. A summary of the base testing is presented in Section 4.0. After the Pre-Study Base Testing, at the DNR Site, the PurpleAir and C-12 monitors were deployed in the field. A number of challenges were experienced during the field deployment, including:

- PurpleAir Monitoring Device Malfunctions: The Study faced several malfunctions with the newly purchased PurpleAir monitors. The issues included defective SD card readers, inaccurate internal temperature and pressure readings, and intermittent connectivity to the server. The issue was resolved when the newly purchased monitors were replaced with newer PurpleAir models.
- PurpleAir Monitor Data Logging Limitations: PurpleAir monitors lack data logging backup capability. Therefore, if an SD card fails or cellular communications are halted, data is not logged. Because PurpleAir monitor data is logged to the PurpleAir website, if the PurpleAir website is unavailable, any data logged to the website is also unavailable.
- Wi-Fi Connectivity Issues: Wi-Fi connectivity and signal strength were unreliable in some locations, affecting the real-time data transmission from the monitors to the central database.
- C-12 Monitor Data Logging Limitations: The C-12 monitors have limited internal data logging, allowing storage for only 3 days. If the cellular modem connection is lost, data can be logged internal to the monitor for a maximum of 3 days before running out of capacity.
- Power Supply Maintenance: Maintaining a consistent power supply to the monitoring equipment was challenging, particularly in remote or hard-to-access locations where devices were operated on battery power.
- Weather: Severe storms with strong winds impacted the monitoring equipment. Monitoring equipment was damaged and experienced loss of power and cellular connection. In some cases, monitors were removed from their locations to prevent damage during anticipated significant storms.

Older model PurpleAir monitors experienced SD card errors and corruptions. The following errors were observed in seven of the nine PurpleAir monitors deployed in the Pre-Study Base Testing:

- GHD7A65 (205639) – SD card hardware was present, but a real-time clock was missing.
- GHD79A2 (205613) – SD hardware was present, but an SD card was not detected and data was not written to the SD card.
- GHD7DCA (197953) - SD hardware was present, but an SD card was not detected and data was not written to the SD card.
- GHD7DD3 (197955) – Temperature, humidity and pressure were not detected.
- GHD19A7 (205645) - SD card hardware was present, but a real-time clock was missing.
- GHD7A64 (205625) - SD card hardware was present, but a real-time clock was missing.
- GHD7DC8 (197945) – A, B channels differed by >70%. The internal sensor was replaced.

PurpleAir monitors lack backup data storage capability. As a result, if an SD card fails or cellular communications cease, PurpleAir monitor data is not recorded. Efforts to resolve these issues included upgrading the PurpleAir monitors to a newer version with enhanced SD card readers and more reliable internal sensors. The PurpleAir monitors were replaced with newer versions in late July 2024. For connectivity problems, signal boosters and alternative data transmission methods, such as cellular networks, were implemented to ensure stable connections. Finally, more robust solar panels and additional battery systems were deployed to provide a continuous power supply to the monitoring equipment where a direct power supply was not available. A schedule for routine maintenance, repairs, and data retrieval was established to ensure data was captured and retained.

In late September/early October 2024, Hurricane Helene made landfall in the Big Bend of Florida. The impact of the storm caused significant power outages across the Southeast including in Savannah. Because the C-

12 monitors could only store data for up to three days, four days of data were lost during the outage from September 29 through October 3, 2024.

3.1 Garden City

The Garden City (GC) monitoring site was located at 227 Big Hill Rd, within Bazemore Park (**Figure 1**). The monitoring equipment at GC included a PurpleAir and C-12 monitor. The instruments were installed adjacent to Railroad Street, between a pavilion and a ballfield. The site faced several challenges, primarily inconsistent power supply and unreliable Wi-Fi connection, which hindered data collection efforts. Additionally, the C-12 monitor encountered intermittent tape malfunctions, including breakages and errors in tape advancement, that impacted data capture.

To mitigate the power supply issues, more robust solar panels were deployed, and a battery system was implemented that included a backup and a battery replacement schedule. This proactive power supply approach ensured a more consistent power supply which enabled continuous monitor operation. The implementation of improved maintenance protocols for the C-12 monitor helped address the tape issues, leading to increased monitor up time and more data logging.

Efforts to resolve connectivity problems included the exploration of alternative data transmission methods, such as utilizing a different cellular network. These measures aimed to provide stable and reliable connections for real-time data transmission.

The improvements significantly enhanced data completeness and reduced monitor downtime. From March through July 2024, the Garden City average data capture was 36.3%. The improvements increased the data capture to an average of 89.3% from August 2024 through April 2025: a 52.9% improvement. The concerted efforts to address the power, connectivity, and equipment challenges at the Garden City monitoring location resulted in a substantial improvement in data collection, contributing to a more comprehensive understanding of air quality in the area.



Figure 1: Garden City Monitoring Location

3.2 Carver Village

The Carver Village (CV) monitoring site was located at 905 Collat Avenue in the parking lot of the Carver Village Community Center (**Figure 2**). Initially, the monitoring equipment, which included a PurpleAir monitor, was installed at the southwest corner of the parking lot. On June 3, 2024, a revised location was approved, and the Carver Village monitoring equipment was relocated shortly thereafter to the eastern median of the parking lot for better sun exposure (**Figure 3)**. The relocation of the equipment significantly improved the data collection of the monitoring equipment, the data completeness improved from an average of 50.1% from March to June 2024 to 88.9% from July 2024 through April 2025.

Despite challenges like inconsistent power supply and connectivity issues, measures were implemented to improve performance. Alternative data cellular services were explored for stable real-time data transmission, and a higher wattage solar panel was installed.



Figure 2: Carver Village Monitoring Location



Figure 3: Carver Village Revised Monitoring Location

3.3 Woodville

The Woodville (WV) monitoring site was located at 131 Darling Street at the Woodville Community Center (**Figure 4)**. The monitoring at WV included a PurpleAir monitor located in the backyard of the community center. The site faced several challenges, primarily inconsistent power supply and unreliable Wi-Fi connection, which hindered data collection efforts. A higher wattage solar panel was installed to improve solar recharging of the deep cycle marine battery. The average data capture from March through July 2024 was 50.9%. The communication and power improvements increased the average data capture to 94.3% from August 2024 through April 2025.



Figure 4: Woodville Monitoring Location

3.4 GA DNR

The DNR Site monitor was located at 2401 Augusta Avenue, adjacent to the Savannah Fire Emergency Station No. 4. This site was equipped with a PurpleAir monitor, which was placed on the roof of the DNR Monitoring Station to ensure optimal data collection with uninhibited air flow and similar inlet height to the DNR FEM $PM_{2.5}$ monitor. (**Figure 5**) There were no significant power issues or cellular issues at this location. Additionally, DNR Site is collocated with a FEM Teledyne T640 particulate monitor that is operated by the DNR.

The PurpleAir monitor at the DNR site benefited from continuous AC power, which significantly contributed to the high data capture rate of 90.7%, making it one of the most reliable monitoring locations. The direct connection to a power supply enabled the monitor to operate efficiently with minimal downtime resulting in consistent monitor operation and measurements during the Study. The Savannah L&A site sometimes experienced power outages, and the DNR Site lost cellular service during tropical storms.

The high data capture at the DNR Site underscored the importance of a stable power supply to the integrity of scientific data collection.



Figure 5: DNR Monitoring Location

3.5 West Savannah

The West Savannah monitoring site was located at 1410 Richards Street, within the Moses Jackson Community Center (**Figure 6**). This site included a PurpleAir monitor, mounted to the fencing surrounding the community center garden. The monitor placement at this location was selected to balance accessibility for maintenance with effective monitoring of the air quality in the vicinity. From March through July 2024, the PurpleAir monitor at West Savannah experienced SD card corruption issues. When the monitor was unable to communicate through the Wi-Fi connection, monitor data was lost because no data was being logged on the SD card. To improve communication, the cellular network service was changed, and a signal booster and external antenna were added to the cellular device. The average data capture improved from 37.7% from March to July 2024 to 91.1% from August 2024 through April 2025.



Figure 6: West Savannah Monitoring Location

3.6 Brickyard

The Brickyard monitoring site, initially located at 15 Milliken Street, was equipped with a PurpleAir monitor that had been mounted on a tree (**Figure 7**). The dense surrounding foliage significantly hindered the solar panel sun exposure, which negatively impacted the power supply efficiency. Consequently, the monitoring station and solar panels were relocated in early July 2024. The new site (**Figure 8**) was chosen to ensure optimal exposure to sunlight to enhance the monitor power supply and data capture. Similar to West Savannah, from March 2024 through April 2024, the PurpleAir monitor at Brickyard encountered SD card malfunctions. Consequently, when cellular communication with the monitor was disrupted, data was not logged on the SD card. To improve communication, the cellular network service was changed, and a signal booster and external antenna were added to the cellular device. The average data capture improved from 29.1% from March through July 2024 to 84.9% from August 2024 through April 2025.



Figure 7: Brickyard Monitoring Location



Figure 8: Brickyard Revised Monitoring Location

3.7 Hudson Hill

The Hudson Hill monitoring site was located at 2227 Hudson Street within Rebecca Gray Park, adjacent to the Hudson Community Center. The monitor was initially planned to be placed near a ballfield, but it was deemed unsuitable due to security concerns and its proximity to the playing area. The community center board members, in conjunction with GPA representatives, decided to relocate the monitor to a fenced area behind the Community Center (**Figure 9**). This new location provided enhanced security and operation of the equipment. Additionally, steps were taken to ensure that the monitor was adequately powered and well-maintained. A more powerful solar panel and routine swapping of the deep cycle marine battery with a fully charge battery reduced data loss and improved consistent air quality measurements. The average data capture improved from 60.2% from March through June 2024 to 97.4% from July 2024 through April 2025.



Figure 9: Hudson Hill Monitoring Location

3.8 Ocean Terminal

The Ocean Terminal monitoring site was located on the GPA Ocean Terminal property along the Marsh Island Channel, south of the Talmadge Memorial Bridge (**Figure 10**). This site was selected due to its proximity to industrial activities and the potential for air quality impacts from the terminal operations and nearby shipping routes. The monitoring location was temporarily moved from Berth 1 to a location 1,400ft upriver on June 21, 2024 due to onsite construction activities at Ocean Terminal causing temporary road closure, to ensure continued monitor accessibility during that phase of construction (**Figure 11**). The monitoring location was returned to the original location on October 24, 2024. The monitoring setup included both PurpleAir and C-12 monitor to ensure comprehensive data collection.

Throughout the monitoring period, various challenges were encountered. In late September 2024, Hurricane Helene made landfall in the Big Bend of Florida, causing significant power outages across the Southeast, including Savannah. The storm's impact led to the equipment being knocked over, resulting in a loss of power and wi-fi connectivity. Fortunately, the monitoring devices did not sustain any physical damage, but the power interruptions led to the loss of data, as described in Section 3, due to the limited datalogging capabilities of the C-12 monitor.

The C-12 monitor experienced frequent tape breakages and malfunctions, which impeded consistent data collection. Despite these hurdles, efforts were made to maintain the equipment and secure reliable power sources to ensure the continuity of the monitoring program. During routine site visits, the monitoring team took steps to address these issues and improve the data capture of the equipment which included replacing batteries with fully charged ones. Regular maintenance and troubleshooting activities were conducted to minimize data loss and enhance the accuracy of air quality measurements.

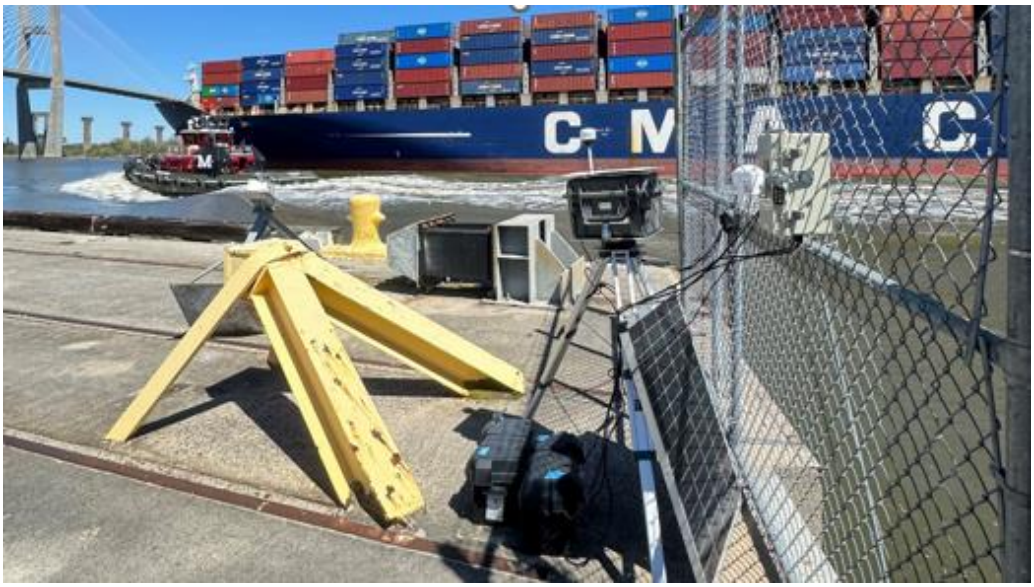


Figure 10: Ocean Terminal Original Monitoring Location



Figure 11: Ocean Terminal Original and Temporary Monitoring Location

3.9 Cockspur Island

The Cockspur Island monitoring site was located on Cockspur Island adjacent to the Savannah Bar Pilots house (**Figure 12**). This monitor location was selected to assess the air quality impacts resulting from ship traffic in the Savannah River. The monitoring location included PurpleAir and C-12 monitors. Operational challenges at this location included cellular service disruption and severe weather impacts. The cellular service disruption may have been due to signal interference from the US Coast Guard Station. On May 9, 2024, a severe storm produced strong winds which knocked over the Cockspur Island monitoring system. The instrumentation continued to operate, but the data was invalidated because measurements were obtained at ground level.

To address power issues, the monitoring equipment at Cockspur Island was connected to an AC power supply on July 31, 2024. The AC power, provided by the Pilot House, improved the data capture from August 2024 through April 2025 to an average of 95.4% (PurpleAir monitor) and 88.7% (C-12 monitor) for the remainder of the monitoring program.



Figure 12: Cockspur Island Monitoring Location

During a routine site visit on August 20, 2024, it was discovered that the C-12 monitor weatherproof housing was found open, and equipment was damaged. The cause of this was undetermined even though the C-12 monitor housing had a lock on it. The C-12 monitor was replaced on August 21st with the spare monitor. The C-12 monitor lost data from 18:00 EST on August 18th through 8:00 EST on August 21st.

In late September 2024, Hurricane Helene made landfall in the Big Bend of Florida. The impact of the storm caused significant power outages across the Southeast including Savannah. Because of the limited datalogging capability of the C-12, monitor data was lost during the outage from September 27 through October 3, 2024.

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4. Data Results Summary

The purposes of the GPA Air Monitoring Study in Savannah were to:

- Collocate the PurpleAir and C-12 monitors with DNR's monitoring station for a period of one (1) month prior to and at the conclusion of the Study to assess the monitoring equipment precision and correlation with the DNR monitor.
- Measure hourly and daily average concentrations of $PM_{2.5}$ and BC.
- Monitor for a period of 12 months.
- Evaluate and assess emission impacts from the SHEP on the surrounding communities.

The Study was initiated on December 12, 2023, when GHD installed nine (9) PurpleAir and three (3) C-12 monitors at the Savannah L&A Site. The one-month pre-Study base testing at the Savannah L&A Site was completed the week of March 4, 2024. The monitors were deployed to the nine (9) field locations and were operational on March 8, 2024. The one-year Study concluded on April 8, 2025 and the monitors were relocated to the Savannah L&A Site for the one-month post-Study base testing. The monitoring program concluded on May 12, 2025.

Challenges that occurred over the Study included:

- **End of December 2023** – PurpleAir monitors were not able to maintain Wi-Fi connection. GHD received new PurpleAir monitors and re-deployed the new monitors to the Savannah L&A Site in January 2024 for the pre-Study base testing. The original set of PurpleAir monitors were returned to the vendor.
- **Early January 2024** – The Savannah L&A Site experienced storms with strong winds. Solar panel damage and battery disconnections caused power interruptions that impacted monitor operation.
- **January 22, 2024** – The DNR site was connected to local AC power. Monitor began operating consistently with increased up time.
- **May 9, 2024** – Storms and strong winds knocked over the monitoring station at Cockspur Island.
- **Early June 2024** – Sensors were replaced in the following PurpleAir monitors:
  - Garden City (GHDA57C) – replacement for GHD7BEF
  - Ocean Terminal (GHD761) – replacement for GHD7A64
  - DNR Site (GHDA31) – replacement for GHD7DD3
- **July 25-30, 2024** – PurpleAir monitors (Woodville, Garden City, and Carver Village) were replaced with the new model due to hardware issues.
- **Early August 2024** – PurpleAir monitors (Ocean Terminal and Cockspur Island) were replaced with new models due to hardware issues.
- **August 20, 2024** – During a routine site visit, the C-12 monitor at Cockspur Island was found open and damaged. A spare C-12 monitor was installed on August 21, 2024.
- **September 2024** – Hurricane Helene impacted all cellular service throughout the city of Savannah. Communication with all PurpleAir and C-12 monitors was impacted.

4.1 Base Testing

The USEPA requires a verification assessment, referred to as "base testing," of the monitors prior to and after the Study. The PurpleAir and C-12 monitors were collocated with the DNR FEM $PM_{2.5}$ located at the Savannah L&A Site for one month prior to the Study (January 25, 2024 – March 6, 2024) and for one month at the conclusion of the Study (April 9, 2025 – May 12, 2025). The purpose of the base testing was to assess the precision and correlation of the PurpleAir monitor data with the DNR FEM $PM_{2.5}$ monitor data and to evaluate data reproducibility across the three C-12 monitors.

Based on the one (1) month assessment, data correlation factors were developed to align the PurpleAir monitor sensor data with the data produced by the DNR Savannah L&A Site monitor which measures $PM_{2.5}$

using a FEM. While programs such as the USEPA Federal Reference Method and Federal Equivalent Method (FRM/FEM) Program [Code of Federal Regulations, Title 40 (40 CFR) Parts 50, 53, and 58] contain standards and performance certification processes for air quality instruments used for regulatory monitoring purposes, the air sensors proposed for this Study do not meet those standards. There are currently no standard testing protocols or standards established for the proposed air sensors.

When evaluating $PM_{2.5}$ for non-regulatory supplemental and informational monitoring (NSIM) applications in ambient environments, two testing protocols were recommended by the USEPA; base testing and enhanced testing. The PurpleAir monitor performance metrics and target values for the one-month base tests are detailed in **Table 2**. Graphical analysis data for the Pre- and Post-Study Base Testing are found in **Appendix B (B.1 and B.2) – Correlation Base Testing Data**.

The C-12 monitors were deployed in the pre- and post- to evaluate the reproducibility of data across the group of C-12 monitors. The three (3) C-12 monitors were collocated for one (1) month prior to the Study and for one (1) month at the conclusion of the Study at the Savannah L&A Site to obtain sufficient data to verify that the monitors were consistently measuring ambient BC concentrations.

Table 2: PurpleAir Monitor Performance Metrics and Targets

Performance Metric[5]		Target Value
		Base Testing
Precision	Standard Deviation (SD) -OR- Coefficient of Variation (CV)	$\leq$ 5 µg/m^3
		$\leq$30%
Bias	Slope	1.0 $\pm$ 0.35
	Intercept	-5 $\leq$ b $\leq$ 5 µg/m^3
Linearity	Coefficient of Determination (R^2)	$\geq$ 0.70
Error	Root Mean Square Error (RMSE) or Normalized Root Mean Square Error (NRMSE)	RMSE $\leq$ 7 µg/m^3 or NRMSE $\leq$ 30%

4.2 Pre-Study Correlation Base Testing

Although the USEPA's FRM/FEM program sets strict standards for air quality instruments used in regulatory monitoring (40 CFR Parts 50, 53, and 58), non-FEM or non-FRM air monitoring sensors (such as the PurpleAir monitor) are unlikely to meet these stringent requirements. Sensors can be valuable for non-regulatory uses like tracking local air quality trends, identifying hotspots, supplemental monitoring, and raising educational and environmental awareness. Therefore, the USEPA has developed a set of testing metrics and target values to evaluate the performance of $PM_{2.5}$ air sensors specifically for non-regulatory supplemental and information monitoring (NSIM) applications in ambient environments (**Table 2**).

The PurpleAir monitor pre-Study base testing included collection of $PM_{2.5}$ data at the Savannah L&A Site from January 24, 2024 through March 4, 2024. The PurpleAir monitor raw data was corrected for low concentrations (less than 343 µg/m^3) using the following USEPA equation[6] in order to compare the PurpleAir monitor data with the DNR FEM $PM_{2.5}$ measurements.

$$PM_{2.5} = 0.52 * PA_{cf_1} - 0.086 * RH + 5.75$$

A summary of the Pre-Study Base Testing Linearity and Error Performance Matrix is summarized in **Table 3**. As noted above, USEPA guidance has established the performance metrics used in the Study. The USEPA does not require that all monitoring equipment meet all performance metrics, but rather sets target values for each metric. During the pre-Study base testing, all monitors were within the performance metric

[5] *"Performance Testing Protocols, Metrics, and Target Values for Fine Particulate Matter Air Sensors,"* USEPA Office of Research and Development (EPA/600/R-20/280 | February 2021).
[6] USEPA Office of Research and Development, "*Sensor Data Cleaning and Correction: Application on the AirNow Fire and Smoke Map,*" October 18 – 22, 2021

target values except for the Woodville PurpleAir monitor. The Woodville monitor was not within the target values for slope, intercept, and linearity during the pre-study base testing. The Woodville monitor experienced downtime during the pre-Study base testing, resulting in limited data for comparison to the DNR FEM data. The Woodville data contains some outlier data that likely contributed to the slope and intercept being outside the target values. The Woodville PurpleAir monitor was replaced in July 2024 and the monitor was within the target values for all performance metrics during the post-study base testing (see Table 5).

Table 3: Pre-Study PurpleAir Monitor Base Testing
Linearity and Error Performance Matrix Summary

Performance Matrix	Garden City	Carver Village	Woodville[a]	DNR	W. Sav	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	Target Value
Slope	0.8	0.8	0.2	0.94	0.93	0.94	0.94	0.94	0.94	**1.0 ± 0.35**
Intercept ($\mu g/m^3$)	1.98	2.01	6.13	1.13	1.25	1.32	0.97	0.87	1.34	**-5 ≤ b ≤ 5 $\mu g/m^3$**
Linearity (R^2)	0.95	0.95	0.01	0.94	0.93	0.94	0.94	0.94	0.94	**≥ 0.70**
RMSE ($\mu g/m^3$)	2.54	2.60	3.53	2.53	3.10	3.56	2.66	2.57	3.05	**< 7 $\mu g/m^3$**

[a] Data from Woodville was outside the target value range for slope, linearity, and intercept performance metrics.

Linear Regression - A linear regression is used to demonstrate the relationship between the community PurpleAir monitor and the DNR FEM $PM_{2.5}$ measurements. The linear regression model used was the equation y=mx + b, with the PurpleAir monitor measurement as the dependent variable (y) and the DNR FEM $PM_{2.5}$ measurement as the independent variable (x), calculated slope (m), intercept (b), and the coefficient of determination (R^2).[7] The R^2 is a measure of how well a linear regression model fits the data and ranges from 0 to 1.0, with 1.0 meaning perfect positive correlation. The closer the regression model is to 1.0, the better the correlation between the PurpleAir $PM_{2.5}$ (the y variable) and the DNR FEM $PM_{2.5}$ (the x variable) measurement. With the exception of the Woodville monitor, the R^2 for the PurpleAir monitors ranged from 0.93 to 0.95, indicating a strong correlation between the PurpleAir monitor data and the DNR FEM data. The scatter plots of the $PM_{2.5}$ data for each PurpleAir monitor are included in **Appendix B (B.1 Pre-Study Base Testing)**.

Root Mean Square Error (RMSE) – RMSE helps measure the error in the PurpleAir monitor concentration readings. RMSE is defined as the error/disagreement between the sensor (PurpleAir monitor) measurements and the reference method instrument (DNR FEM $PM_{2.5}$) measurements or true values in the following equation (Equation 5):[3]

$$\text{RMSE} = \sqrt{\frac{1}{N \times M}\sum_{j=1}^{M}\left[\sum_{d=1}^{N}(x_{dj} - R_d)^2\right]}$$

or Excel Equation: =SQRT(SUMSQ(N3:N43-$V$3:$V$43)/COUNTA(N3:N43))

Which is the sum of the squared differences between the predicted and observed values, divided by the sample size of the dataset which counts the number of data cells in a range, then take the square root of the whole calculation.[8]

The RMSE between the PurpleAir monitor sensor measurements and the DNR FEM $PM_{2.5}$ measurements are included in **Table 3**. A RMSE is a measure of accuracy and a value of zero would indicate a perfect fit to the data. The closer the RMSE to zero, the better. The values range from 2.53 to 3.56 $\mu g/m^3$ which are below the 7 $\mu g/m^3$ target value which indicates good agreement between the observed value (DNR FEM $PM_{2.5}$) and the predicted ones (PurpleAir monitor).

[7] "Performance Testing Protocols, Metrics, and Target Values for Fine Particulate Matter Air Sensors," USEPA Office of Research and Development (EPA/600/R-20/280 | February 2021).
[8] **How to Calculate Root Mean Square Error (RMSE) in Excel**

Precision: Standard Deviation (SD) or Coefficient of Variation (CV) – Precision between the PurpleAir sensors is indicated by the SD between measurements and the CV based on 24-hour average concentration based of the hourly averages. The SD is calculated in Excel and represented by the following equation (Equation 3):[9]

$$SD = \sqrt{\frac{1}{(N \times M) - 1} \sum_{j=1}^{M} \left[\sum_{d=1}^{N} (x_{dj} - \overline{x_d})^2 \right]}$$

The CV is calculated by the SD divided by the mean of the 24-hour average concentration times 100 percent (%) (Equation 4).[5]

$$CV = \frac{SD}{\overline{x}} \times 100$$

A summary of the Pre-Study Base Testing Precision Performance Matrix Results is summarized in **Table 4**. The resulting SD is less than the target SD of ≤ 5 µg/m^3 and the CV is less than the target CV of ≤ 30%, indicating good correlation between the PurpleAir monitors.

Table 4: Pre-Study PurpleAir Monitors Base Testing Precision Performance Matrix Summary

Precision	Mean of Daily 24-hr Average Concentrations	Standard Deviation	Coefficient of Variation
PurpleAir Monitors	9.98 µg/m^3	1.07 µg/m^3	13.23 %
Target Value	**Not Applicable**	**≤ 5 µg/m^3**	**≤ 30%**

Tables 3 and 4 summarize the performance metrics and target values recommend for the GPA Monitoring Program pre-Study base testing for $PM_{2.5}$. Based on the results, all the performance matrices were within the target value range for acceptable performance.

The C-12 monitors measure particulate as TSP. The Pre-Study base testing for the C-12 monitors included the reproducibility of the data across the group of C-12 monitors. **Figure 13**, Pre-Study Base Testing C-12 Monitors, displays the excellent correlation between and reproducibility of the C-12 monitors which were deployed at Garden City, Cockspur Island, and Ocean Terminal. Pre-Study Base Testing C-12 monitor data is found in **Appendix B.1**. The standard deviation of the data ranged from 0.00 to 0.08 µg/m^3 and an average standard deviation of 0.03 µg/m^3.

[9] "Performance Testing Protocols, Metrics, and Target Values for Fine Particulate Matter Air Sensors," USEPA Office of Research and Development (EPA/600/R-20/280 | February 2021).

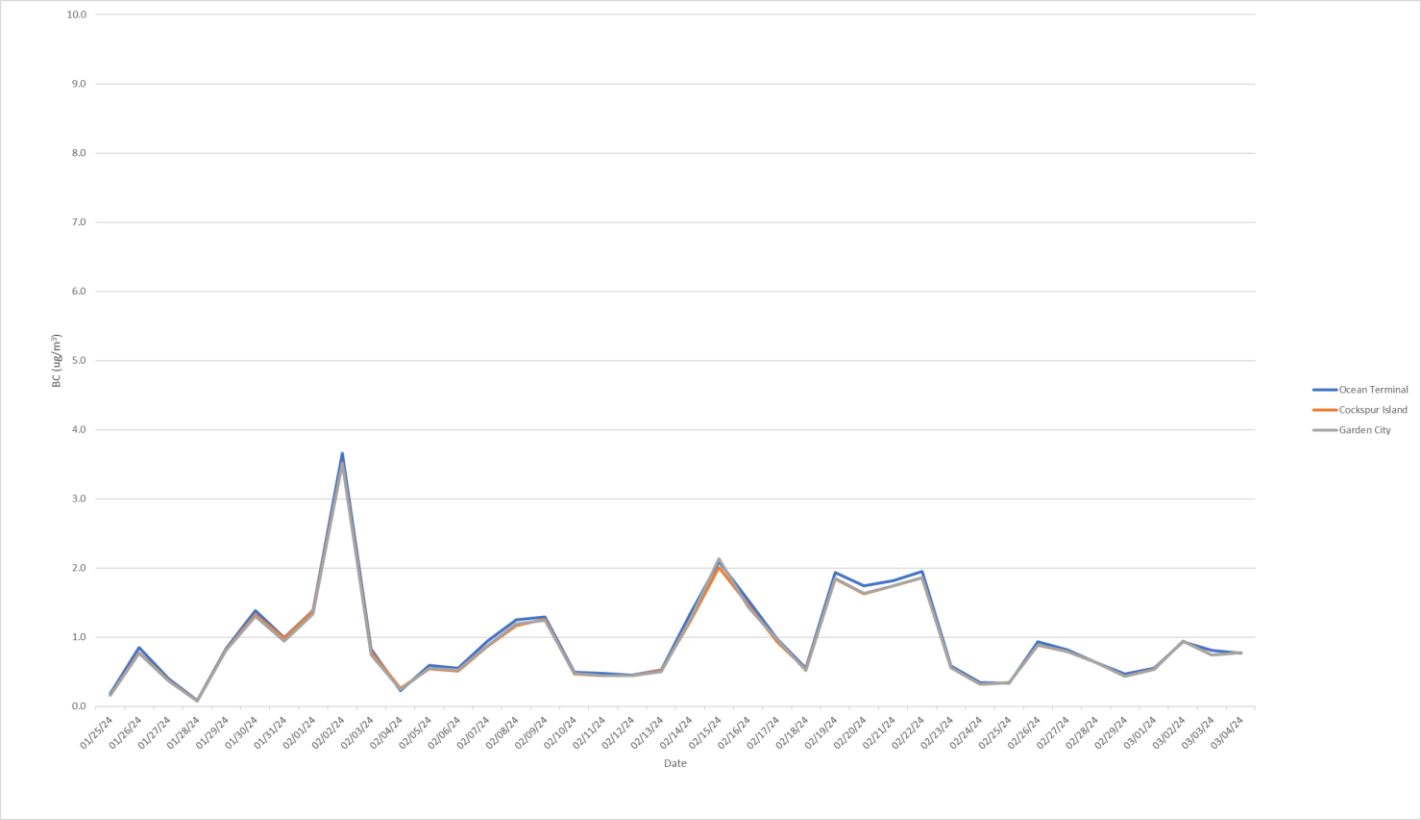


Figure 13: Pre-Study Base Tesing C-12 Monitors
January 25, 2024 – March 4, 2024
(µg/m³)

4.3 One-Year Monitoring Study

The pre-study correlation base testing commenced in December 2023; however, power supply issues and Wi-Fi connectivity problems delayed the start of the pre-study base testing until January 26, 2024. The pre-study base testing concluded on March 6, 2024. On March 8, 2024, the PurpleAir and C-12 monitors were deployed for the one-year Study. The study extended through April 8, 2025 to ensure that a full 12 months of data was obtained.

Upon the Study's conclusion, the monitors were collocated at the Savannah L&A location for the one (1) month post-study base testing, which occurred from April 10, 2025 to May 12, 2025. The PurpleAir monitors recorded $PM_{2.5}$ measurements which were compared to $PM_{2.5}$ data collected by the DNR FEM $PM_{2.5}$ at the Savannah L&A Site.

The PurpleAir monitors have an expected lifespan of up to two years. Data obtained beyond this lifespan may be unreliable. The PurpleAir monitors utilized for this Study were new monitors and the Study did not exceed the anticipated two-year lifespan. The PurpleAir monitors used at the beginning of the Study were an old version of the unit and data storage was problematic, as described in Section 4. Numerous units were replaced in July 2024 with the new model. PurpleAir monitor data capture and reliability improved when power issues and connectivity was resolved. The Study did not involve verification or validation of data from existing PurpleAir monitors deployed by the communities.

During the Study, the PurpleAir monitor data was corrected with USEPA's correlation factor for each PurpleAir monitor using the following USEPA 2019 US-wide correction-built equation.[10] The US-wide correction factor was built and tested on 24-hour averaged daily (midnight to midnight) data from Federal Reference and Equivalent Methods across 16 states.

[10] USEPA Office of Research and Development, "*Sensor Data Cleaning and Correction: Application on the AirNow Fire and Smoke Map,*" October 18 – 22, 2021

For low concentrations $PA_{cf_1} \leq 343$ µg/m³

$$PM_{2.5} = 0.52 * PA_{cf_1} - 0.086 * RH + 5.75$$

For high concentrations $PA_{cf_1} \geq 343$ µg/m³

$$PM_{2.5} = 0.46 * PA_{cf_1} + 3.93*10^{-4} * PA_{cf_1}^2 + 2.97$$

PAcf_1 = PurpleAir monitor $PM_{2.5}$ from the higher of the two correction factors (cf) currently labelled as cf_1.

The C-12 monitor, which is designed to measure TSP, uses optical measurement within the device to determine the concentration of BC within the TSP.

Monthly data tables and graphs of the $PM_{2.5}$ and BC data are found in **Appendix C – Monthly SAROAD Tables**. SAROAD stands for Storage and Retrieval of Aerometric Data.[11] The data includes hourly and daily averages, hourly count of data, and the average, minimum, and maximum data for each hour. Monthly graphs of the $PM_{2.5}$ and BC data are found in **Appendix D – Monthly PM2.5 and BC Graphs**.

Figure 14, the GPA Monitoring Program Wind Rose, provides a graphical representation of wind speed and direction data collected from March 8, 2024, through April 8, 2025. The wind rose indicates that the winds were predominantly strongest and most frequent from the West and South directions. The "petals" extending around the circle represent the amount of time the wind blew from particular directions, with colors along the spokes indicating wind speed categories. The longest spoke, denoting the prevailing wind direction, points to the West.

Monthly wind roses and map overlays are found in **Appendix E – Monthly Wind Roses**. **Figure 14** below shows the Monitoring Program Period wind rose. Winds were predominately strongest and more frequent from the West and South.

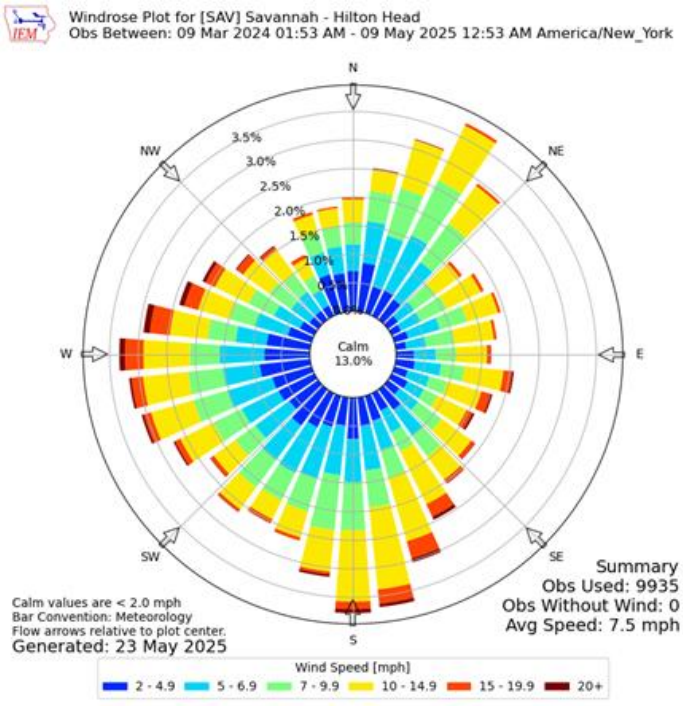


Figure 14: GPA Monitoring Program Wind Rose
March 8, 2024 – April 8, 2025

[11] USEPA SAROAD, Storage and Retrieval of Aerometric Data, Information (EPA-450/4-79-005, February 1979).

4.4 Post-Study Correlation Base Testing

The GPA Monitoring Study collected collocated $PM_{2.5}$ data at the Savannah L&A Site from April 9, 2025 through May 12, 2025. The PurpleAir monitor $PM_{2.5}$ raw data was corrected for low concentrations (less than 343 µg/m^3) using the following USEPA equation in order to compare with the DNR FEM $PM_{2.5}$ measurements.

$$PM_{2.5} = 0.52 * PAcf_1 - 0.086 * RH + 5.75$$

A summary of the Post-Study Base Testing Linearity and Error Performance Matrix is summarized in **Table 5**. The DNR and Ocean Terminal PurpleAir monitors did not meet the target value for linearity in the post-Study base testing. All other monitors met the performance metrics target values.

Table 5: Post-Study PurpleAir Monitors Base Testing Linearity and Error Performance Matrix Summary

Performance Matrix	Garden City	Carver Village	Woodville	DNR	W. Sav	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	Target Value
Slope	0.88	0.82	0.81	0.83	0.98	1.01	1.07	0.95	0.99	**1.0 ± 0.35**
Intercept (µg/m^3)	3.03	2.60	2.93	2.63	1.72	2.29	1.44	2.18	-2.45	**-5 ≤ b ≤ 5 µg/m^3**
Linearity (R^2)	0.85	0.84	0.74	0.49	0.72	0.85	0.62	0.76	0.74	**≥ 0.70**
RMSE (µg/m^3)	4.17	1.94	2.37	2.73	2.33	2.69	2.74	2.42	3.05	**< 7 µg/m^3**

Linear Regression - A linear regression is used to demonstrate the relationship between the community PurpleAir monitors and the DNR FEM $PM_{2.5}$ measurements. The linear regression model used was the y=mx + b with the PurpleAir measurement as the dependent variable (y) and the DNR FEM $PM_{2.5}$ measurement as the independent variable (x), calculated slope (m), intercept (b), and the coefficient of determination (R^2)[12]. The R^2 is a measure of how well a linear regression model fits the data and ranges from 0 to 1.0, with 1.0 meaning perfect positive correlation. The closer the regression model is to 1.0, the better the correlation between the PurpleAir monitor $PM_{2.5}$ (y variable) and the DNR FEM $PM_{2.5}$ (x variable) measurement. The R^2 ranged from 0.49 to 0.85 indicating a weak to strong correlation between the PurpleAir monitor data and the DNR FEM data. Each PurpleAir monitor scattered plots and $PM_{2.5}$ data are found in **Appendix B (B.2 Post-Study Base Testing)**. The PurpleAir monitors, known for their short lifespan of 1 to 2 years, play a crucial role in the air quality impact analysis.

Root Mean Square Error – RMSE helps measure the error in sensor $PM_{2.5}$ concentration readings. RMSE is defined as the error/disagreement between the sensor measurements and the reference instrument measurements or true values in the following equation (Equation 5):[6]

$$RMSE = \sqrt{\frac{1}{N \times M} \sum_{j=1}^{M} \left[\sum_{d=1}^{N} (x_{dj} - R_d)^2 \right]}$$

or Excel Equation: =SQRT(SUMSQ(N3:N43-$V$3:$V$43)/COUNTA(N3:N43)), which is the sum of the squared differences between the predicted and observed values, divided by the sample size of the dataset which counts the number of data cells in a range, then take the square root of the whole calculation.13

The Post-Study RMSE between the PurpleAir sensor measurements and the DNR FEM $PM_{2.5}$ measurements are included in **Table 5**. A RMSE is a measure of accuracy and a value of zero would indicate a perfect fit to

[12] "Performance Testing Protocols, Metrics, and Target Values for Fine Particulate Matter Air Sensors," USEPA Office of Research and Development (EPA/600/R-20/280 | February 2021).
[13] **How to Calculate Root Mean Square Error (RMSE) in Excel**

the data. The close the RMSE to zero, the better. The RMSE between the PurpleAir monitor $PM_{2.5}$ and the DNR FEM $PM_{2.5}$ measurements range from 1.94 to 4.17 µg/m^3 which is below the 7 µg/m^3 target value. which indicates good agreement between the observed value (DNR FEM $PM_{2.5}$) and the predicted ones (PurpleAir monitor).

Precision: Standard Deviation (SD) or Coefficient of Variation (CV) – Precision between all PurpleAir sensors is described by the SD between measurements and CV based on 24-hour daily averaged measurements. The SD is calculated in Excel and represented by the following equation (Equation 3):[14]

$$SD = \sqrt{\frac{1}{(N \times M) - 1} \sum_{j=1}^{M} \left[\sum_{d=1}^{N} (x_{dj} - \overline{x_d})^2 \right]}$$

The CV is calculated by the SD divided by the mean of the daily 24-hr average concentration times 100 percent (%) (Equation 4).[8]

$$CV = \frac{SD}{\overline{x}} \times 100$$

A summary of the Post-Study Base Testing Precision Performance Matrix Results is summarized in **Table 6**.

Table 6: Post-Study PurpleAir Monitors Base Testing Precision Performance Matrix Summary

Precision	Mean of Daily 24-hr Average Concentrations	Standard Deviation	Coefficient of Variation
PurpleAir Monitors	7.25 µg/m^3	1.73 µg/m^3	27.1 %
Target Value	**Not Applicable**	**≤ 5 µg/m^3**	**≤ 30%**

Tables 5 and 6 present the performance metrics and target values recommended for the GPA Monitoring Program following post-study base testing for $PM_{2.5}$. The results show that all performance matrices met the target value range for required sensor performance, except for DNR and Ocean Terminal PurpleAir monitor linearity (R^2) values. These values were below the target value of 0.70 but met other listed target requirements.

The Pre-Study Base Testing for the C-12 monitors included the reproducibility of the data across the group of C-12 monitors. **Figure 15**, Post-Study Base Testing C-12 Monitors, displays the excellent correlation between and reproducibility of the C-12 monitors which were deployed at Garden City, Cockspur Island, and Ocean Terminal. Pre-Study Base Testing C-12 monitor data is found in **Appendix B.2**. The standard deviation of the data ranged from 0.02 to 1.80 µg/m^3 and an average standard deviation of 0.38 µg/m^3.

[14] "Performance Testing Protocols, Metrics, and Target Values for Fine Particulate Matter Air Sensors," USEPA Office of Research and Development (EPA/600/R-20/280 | February 2021).

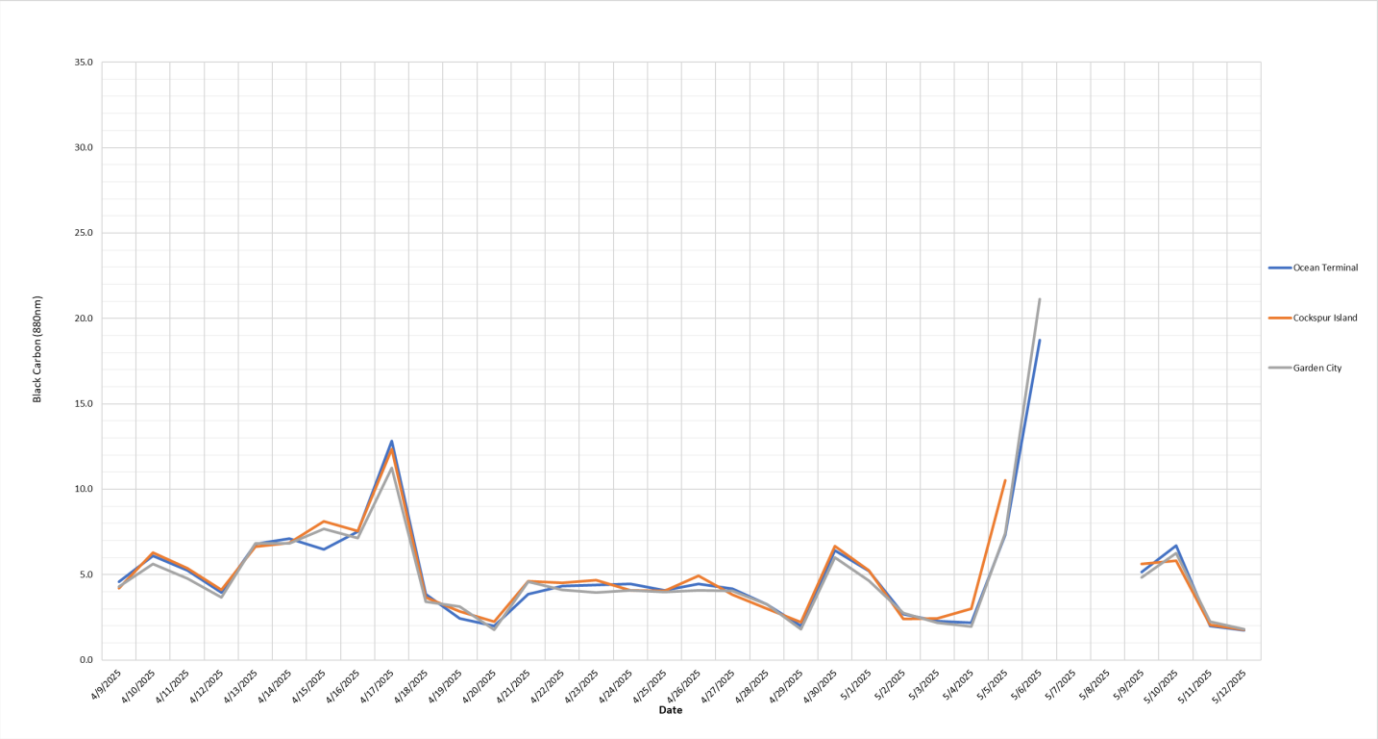


Figure 15: Post-Study Base Testing C-12 Monitors
April 9, 2025 – May 12, 2025
(µg/m³)

4.5 Data Comparison to National Ambient Air Quality Standard for $PM_{2.5}$

On February 7, 2024, the USEPA announced an updated primary (health-based) annual $PM_{2.5}$ National Ambient Air Quality Standard (NAAQS). The revised annual standard was lowered from 12.0 µg/m³ to 9.0 µg/m³ to provide enhanced protection against health impacts associated with long-term exposure to fine particulate matter. The new standard officially took effect on May 6, 2024, necessitating adjustments in air quality management practices across various monitoring networks.

To assess compliance with the newly established standard, historical data was reviewed, specifically focusing on particulate matter ($PM_{2.5}$) concentrations measured at the Savannah L&A monitoring site from 2016 through 2019 (**Figure 16**). The analysis revealed that during this period, the average $PM_{2.5}$ concentration was 8.56 µg/m³, indicating that prior to the implementation of the Savannah Harbor Expansion Project (SHEP), the area's air quality was within the acceptable range under the revised NAAQS.

The historical $PM_{2.5}$ data measured at the Savannah L&A monitoring site from 2016 through 2019 serves as a baseline, allowing for comparative evaluations of air quality trends. Such evaluations are essential for ensuring ongoing compliance with the updated NAAQS and for identifying exceedances that could adversely affect public health.

The Clean Air Act identifies two types of NAAQS. Primary standards provide public health protection, including protecting the health of "sensitive" populations such as asthmatics, children, and the elderly. Secondary standards provide public welfare protection, including protection against decreased visibility and damage to animals, crops, vegetation, and buildings. The primary and secondary standards for $PM_{2.5}$ include both annual and 24-hour standards. The $PM_{2.5}$ NAAQS are presented in **Table 7**.

Table 7: USEPA NAAQS Standards $PM_{2.5}$

$PM_{2.5}$ Standard	Averaging Time	Level	Form
Primary	1 year	9.0 µg/m³	annual mean, averaged over 3 years
Secondary	1 year	15.0 µg/m³	annual mean, averaged over 3 years
Primary and Secondary	24 hours	35 µg/m³	98th percentile, averaged over 3 years

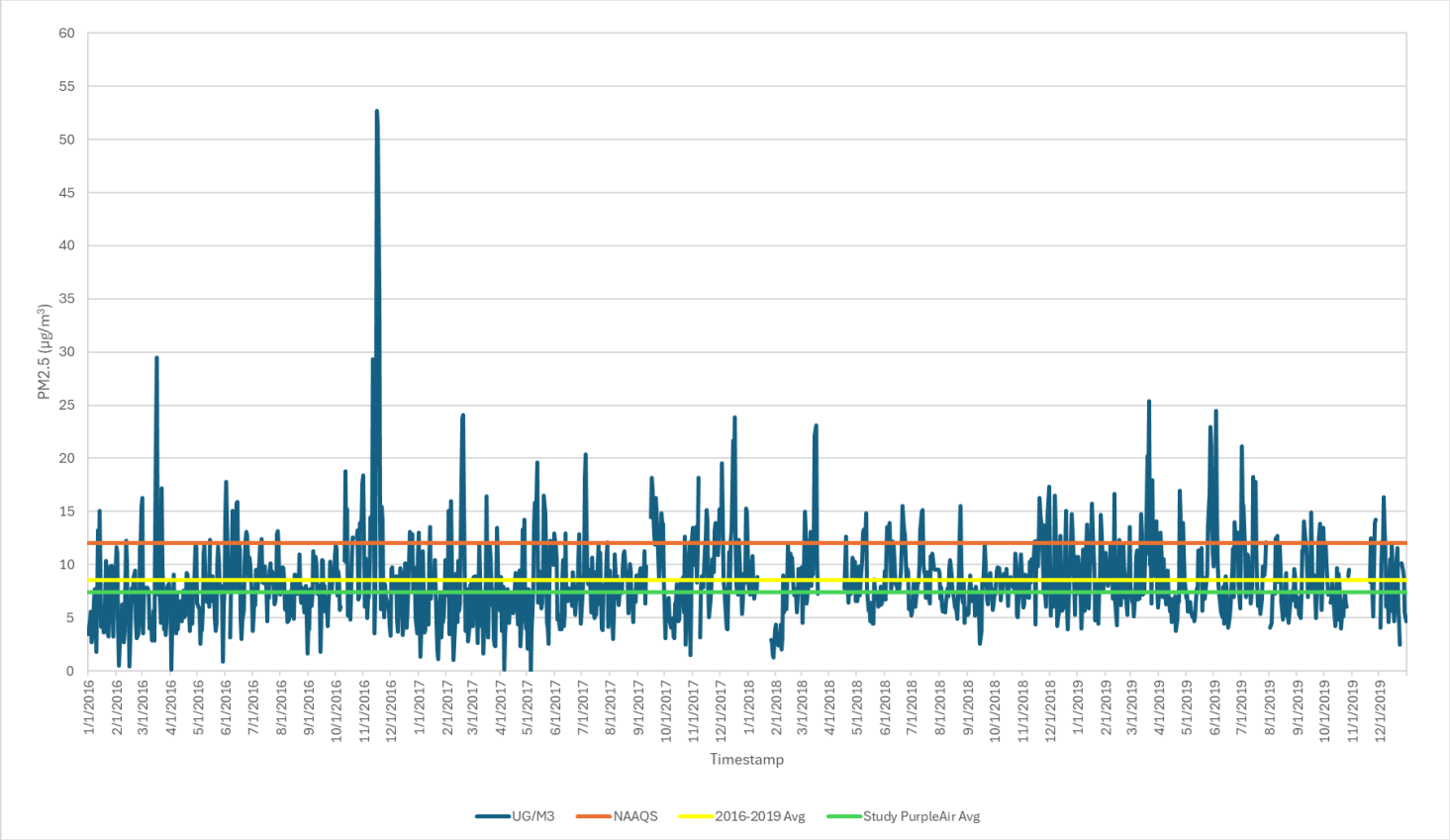


Figure 16: Savannah L&A $PM_{2.5}$ Data 2016 - 2019

Table 8 provides the average annual $PM_{2.5}$ concentrations over the 2016, 2017, 2018, and 2019 calendar years prior to the implementation of SHEP.

- 2016 Annual Average = 8.35 µg/m³
- 2017 Annual Average = 8.44 µg/m³
- 2018 Annual Average = 8.49 µg/m³
- 2019 Annual Average = 8.98 µg/m³

The average $PM_{2.5}$ concentration over the one-year Study period (the post-SHEP data) is provided in **Table 8** for comparison to the pre-SHEP data. The $PM_{2.5}$ levels recorded by the DNR FEM $PM_{2.5}$ annual averages were 8.56 µg/m³, while the Study data annual average is 7.37 µg/m³. During the one-year Study, from March 8, 2024 through April 8, 2025, the DNR FEM $PM_{2.5}$ concentrations varied between 5.9 µg/m³ and 8.1 µg/m³, with the one-year average of 8.43 µg/m³.

Table 8: $PM_{2.5}$ Pre- and Post- SHEP

Timeline	DNR FEM $PM_{2.5}$ Savannah L&A ($\mu g/m^3$)	March 2024 – April 2025 Post-SHEP Average of All PurpleAir Monitors $PM_{2.5}$ ($\mu g/m^3$)
2016	8.35	7.37
2017	8.44	
2018	8.49	
2019	8.98	
2016-2019	8.56	

The average daily $PM_{2.5}$ concentrations measured at the nine (9) Study locations during the Study varied from 5.9 µg/m³ and 8.1 µg/m³. During the same period, the Savannah L&A site recorded a daily average of 8.4 µg/m³. Each PurpleAir monitor annual averages are detailed in **Table 9**.

Table 9: GPA Monitoring Program Average Daily $PM_{2.5}$
March 8, 2024 – April 8, 2025

Daily Average	Garden City	Carver Village	Woodville	GA DNR	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM
$PM_{2.5}$ $\mu g/m^3$	7.4	7.5	7.6	7.6	8.1	7.0	7.3	5.9	7.9	8.4

4.6 Daily $PM_{2.5}$ Air Quality Index

The purpose of the AQI is to inform the public about the current air quality so they can take steps to protect their health. The AQI designation is based on 24 hourly $PM_{2.5}$ concentration values. When the USEPA revised the primary annual $PM_{2.5}$ standard from 12.0 to 9.0 $\mu g/m^3$,[15] the AQI "Good" range was revised from 0.0 – 12.0 $\mu g/m^3$ to 0.0 – 9.0 $\mu g/m^3$. The AQI Index Value range remained 0 – 50.[16]

To calculate the AQI Index from $PM_{2.5}$ concentrations, the following steps were completed,

1. Truncate the $PM_{2.5}$ concentration (in $\mu g/m^3$) to 1 decimal place.
2. Use the $PM_{2.5}$ column in **Table 10**, find the two breakpoints that contain the daily $PM_{2.5}$ concentration and the associated AQI descriptor.
3. Use the following equation to calculate the AQI value.

Table 10: Breakpoint Concentrations and AQI Values

24-hour $PM_{2.5}$ Concentration ($\mu g/m^3$)	Formula Calculated Equal this AQI Value	AQI Descriptor
0.0 – 9.0[17]	0 – 50	Good
9.1 – 35.4	51 – 100	Moderate
35.5 – 55.4	101 – 150	Unhealthy for Sensitive Groups
55.5 – 150.4	151 – 200	Unhealthy
150.5 – 250.4	201 – 300	Very Unhealthy
>250.5	>301	Hazardous

[15] The primary annual PM2.5 NAAQS was revised to 9.0 $\mu g/m^3$ starting May 6, 2024.
[16] USEPA Final Rule to Strengthen the NAAQS for Particulate Matter Fact Sheet: **pm-naaqs-overview.pdf**
[17] USEPA Final Updates to the Air Quality Index (AQI) for Particulate Matter Fact Sheets and Common Questions **Final Updates to the Air Quality Index (AQI) for Particulate Matter - Fact Sheet and Common Questions**

Adjusted from 12.0 µg/m^3 to 9.0 µg/m^3 on May 6, 2024.

$$I_p = \frac{I_{Hi} - I_{Lo}}{BP_{Hi} - BP_{Lo}} (C_p - BP_{Lo}) + I_{Lo}$$

Where I_p = the index for pollutant p
C_p = the truncated concentration of pollutant p
BP_{Hi} = the concentration breakpoint that is greater than or equal to C_p
BP_{Lo} = the concentration breakpoint that is less than or equal to C_p
I_{Hi} = the AQI value corresponding to BP_{Hi}
I_{Lo} = the AQI value corresponding to BP_{Lo}

Daily AQI values are calculated for the Study period. The resulting AQI values are included in **Appendix F – AQI Index Values**. The AQI values from the DNR FEM monitor are included in the tables to assess if the Study location experienced increased AQI values when compared to the DNR FEM $PM_{2.5}$ monitor. The AQI values for the PurpleAir monitors show a pattern of being higher than the DNR FEM $PM_{2.5}$ monitor.

The USEPA AirNow Fire and Smoke Map[18] provide details of fire smoke plumes, from wildfires or prescribed burns, that travel across the United States. Elevated AQI values observed during the Study period are attributable to fire smoke plumes that spread into the Savannah region. Fires increase $PM_{2.5}$ levels in the air. Intense and prolonged fires can cause long periods of hazardous air quality, particularly in downwind areas where smoke travels. Air quality indices (AQI) show increases to “moderate” and “unhealthy for sensitive groups” levels (See **Table 10: Breakpoint Concentrations and AQI Values**) during times when smoke plumes enter the airshed.[19] Documented incidences of high AQI values of the PurpleAir and DNR FEM are found in the Air Quality Tracker in **Appendix G - Air Quality Tracker**.

4.7 Data Completeness

Data completeness is a measure of the extent that the dataset provides required information. Data completeness has been assessed for the Study duration. The data completeness is assessed as the number of hours data was collected at a particular monitoring location compared to the total hours in a given month, expressed as a percentage. The monthly data completeness is averaged to obtain an average data completeness for the one-year Study. The one-year average data completeness ranges from 65.0% to 90.7% across the nine monitoring locations. When the data completeness is averaged across all nine sites, the total program data completeness is 76.1%, indicating overall satisfactory performance in data capture. The target for data completeness for the Study was set at 75%. The GPA Monitoring Program data completeness is found in **Table 11**.

[18] **AirNow Fire and Smoke Map**
[19] As noted by the USEPA AirNow Fire and Smoke Map

Table 11: GPA Air Monitoring Study
Data Percent Completeness
March 2024 - April 2025

	Mar '24	Apr '24	May '24	June '24	July '24	Aug '24	Sept '24	Oct '24	Nov '24	Dec '24	Jan '25	Feb '25	Mar '25	Apr '25	Average
PurpleAir $PM_{2.5}$															
Garden City	69.2%	70.7%	6.9%	17.6%	17.3%	88.4%	95.8%	76.1%	75.0%	76.9%	92.1%	99.3%	99.9%	100.0%	70.4%
Carver Village	57.0%	79.9%	21.6%	41.9%	35.1%	97.3%	94.3%	69.0%	99.2%	98.1%	99.2%	97.9%	99.3%	100.0%	77.8%
Woodville	56.8%	91.0%	33.6%	46.3%	27.0%	90.9%	87.5%	72.0%	99.6%	99.5%	99.5%	100.0%	99.6%	100.0%	78.8%
DNR Site	69.7%	99.6%	79.0%	89.6%	89.2%	94.6%	85.4%	90.9%	99.6%	93.8%	87.5%	95.8%	96.9%	98.2%	90.7%
West Savannah	26.9%	11.5%	83.9%	65.8%	0.3%	37.2%	99.3%	83.9%	99.6%	99.9%	100.0%	99.9%	100.0%	100.0%	72.0%
Brickyard	29.4%	49.7%	62.4%	3.6%	0.4%	51.6%	95.0%	72.8%	98.6%	95.4%	91.0%	60.3%	99.6%	100.0%	65.0%
Ocean Terminal	69.0%	82.2%	77.6%	55.1%	44.4%	72.8%	57.4%	72.0%	95.8%	71.6%	89.0%	50.3%	50.3%	75.5%	68.8%
Cockspur Island	69.3%	100.0%	28.6%	11.7%	9.8%	97.3%	80.7%	88.6%	99.9%	96.4%	99.1%	99.1%	98.0%	99.4%	77.0%
Hudson Hill	65.0%	29.9%	79.0%	67.1%	100.0%	99.6%	100.0%	91.0%	100.0%	98.1%	94.5%	93.6%	97.2%	100.0%	86.8%
Met One C-12 Black Carbon															
Garden City	100.0%	100.0%	100.0%	51.7%	19.2%	44.6%	15.6%	72.2%	85.7%	51.9%	61.4%	100.0%	95.0%	100.0%	71.2%
Cockspur Island	69.9%	52.8%	83.9%	58.3%	8.7%	49.2%	80.0%	75.8%	100.0%	100.0%	100.0%	100.0%	96.8%	99.4%	76.8%
Ocean Terminal	100.0%	100.0%	90.3%	100.0%	79.8%	79.3%	17.2%	59.9%	92.2%	55.4%	61.7%	88.5%	91.0%	74.2%	77.8%
														Total Program Data Capture	**76.1%**
Program start date: March 6-8, 2024															
Program end date: April 7-8, 2025															

4.8 Ship Channel Air Quality Impact Analysis

Information related to vessel movements in and out of the Savannah Harbor (Port) were obtained from the US Coast Guard's Automated Information System (AIS) vessel records. The $PM_{2.5}$ data and BC data from the Study monitors was cross referenced with AIS vessel movement data to evaluate if correlations exist between maritime traffic and increased measured $PM_{2.5}$ or BC concentrations in air. The Study monitor closest to the ship channel and most likely to see an impact from the ship traffic is the Cockspur Island Monitoring location. Both $PM_{2.5}$ and BC were monitored at Cockspur Island.

US Coast Guard Pilot activity data and GPA ship data was reviewed. US Coast Guard Pilots board ships at two offshore buoys (Buoy Alpha and Buoy Beta) prior to entering the Savannah River. The buoy where the Pilot boards a ship is determined by the draft of the ship, with ships with drafts greater than 38 feet being boarded at Buoy Alpha, and ships with less than 38 feet of draft being boarded at Buoy Beta. All pilots disembark at the Garden City Terminal (GCT). The dataset included the Actual Time of Arrival (ATA) and Actual Time of Departure (ATD) for ships arriving and departing from GCT.

The river mile markers are critical reference points that provide information related to ship travel past the Cockspur Island monitoring location. The distance from GCT (**Figure 17**):

- GCT: 0 nautical miles (nm) from GCT
- Ocean Terminal (OT): 4 nm from GCT
- Cockspur Island (CI): 16 nm from GCT
- Offshore Buoy Beta (for ships with drafts < 38 feet): 27 nm from GCT
- Offshore Buoy Alpha (for ships with drafts > 38 feet): 34 nm from GCT

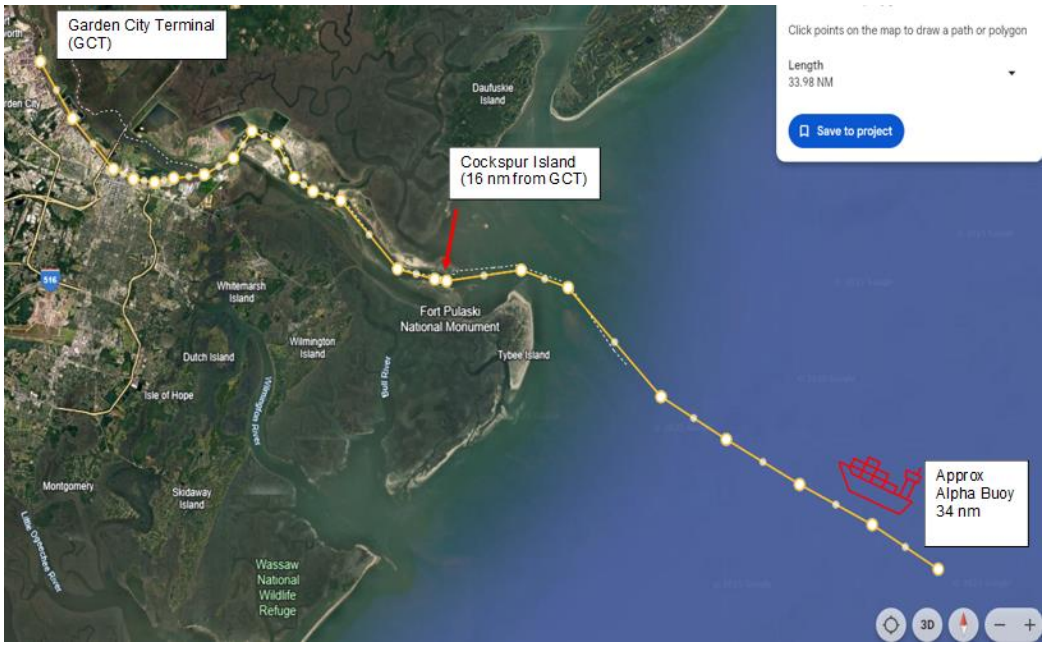


Figure 17: Ship Channel Savannah, GA

A comparison of ship movements relative to the measured air quality data provide insights into the impacts of maritime traffic on local air quality.

The data from November 2024 showed high completeness for the Cockspur Island monitoring station. The evaluation focused on larger vessels only, those with drafts greater than 38 feet. The times at which ships passed the Cockspur Island monitoring station were estimated and the number of ships crossing, both entering and exiting, were compared with $PM_{2.5}$ and BC data. If ships passed right down the middle of the channel, their sources were approximately 0.2 miles away from the Cockspur Island monitor, as illustrated in **Figure 18**.

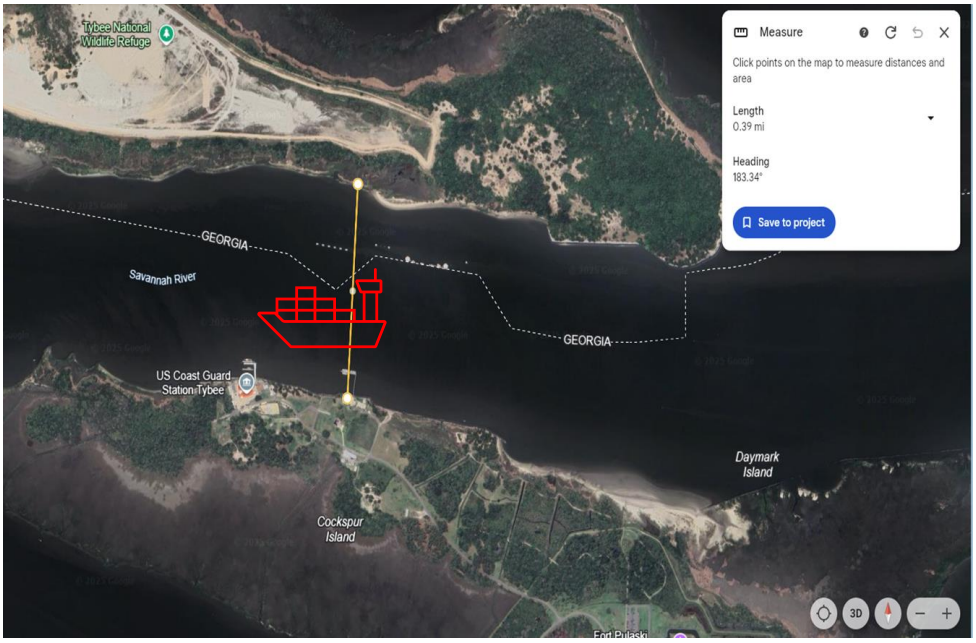


Figure 18: Ship Canal Passing Cockspur Island Savannah, GA

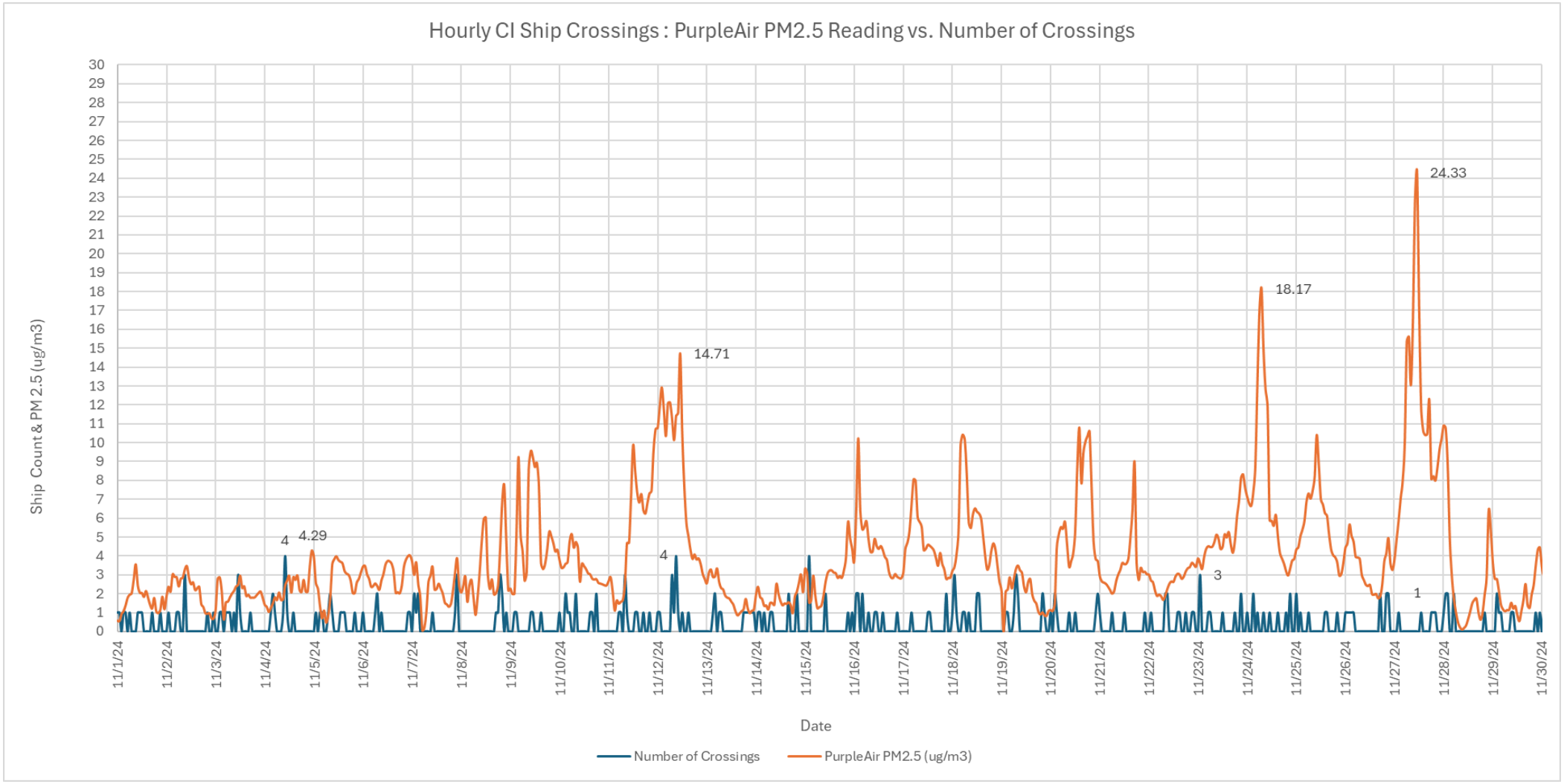
The relationship between $PM_{2.5}$ concentrations and the number of ship crossings between November 1st and 30th, 2024 is plotted in **Figure 19**. Increased $PM_{2.5}$ concentrations did not align with ship movements into or out of the channel in the area of Cockspur Island. For example, on the 27th of November, one ship travelled past the Cockspur Island monitor. Winds were from the west-northeast during and early afternoon hours (blowing towards the station from the river), then became south late in the evening (blowing away from the land towards the river). The measured $PM_{2.5}$ concentration was 24 µg/m³, which is the highest concentration measured over the 30-day period. The increased $PM_{2.5}$ concentration would be anticipated to coincide with an increase in ship traffic, but this was not observed.

A similar conflicting event happened on the 4th to 5th of November, when four (4) ships passed Cockspur Island and winds were from the northeast. The measured $PM_{2.5}$ concentration was low (less than 4.3 µg/m³), indicating that the increase in ship traffic did not result in a similar increase in measured $PM_{2.5}$. These discrepancies suggest that other local or regional sources may be contributing to the $PM_{2.5}$ levels, or that meteorological conditions are influencing pollutant dispersion and the resulting pollutant concentrations.

Figure 20 provides a more detailed assessment of ship crossings on a particular day, November 3, 2024. Winds were from the northeast, blowing across the channel toward the Cockspur Island monitoring station. The data indicates that on this particular day, ship movements past the monitoring station occurred from 0500 hours until 1200 hours at a rate of less than one ship per hour. The $PM_{2.5}$ concentration at the monitor was relatively constant at 1.5 to 2.5 µg/m³. At 1100 hours, the ship traffic increased to three ships passing the monitoring station. The $PM_{2.5}$ concentration increased from approximately 2.5 µg/m³ to just less than 3 µg/m³, a 0.5 µg/m³ impact. When compared to the NAAQS value of 9 µg/m³, the increase of 0.5 µg/m³ is approximately 5% of the NAAQS. During this period, the BC concentration did not change significantly. Therefore, despite the larger ships which are passing through the Savannah River following SHEP, the measured $PM_{2.5}$ and BC concentrations were not specifically impacted by ship traffic.

Coupling the ship traffic analysis with the larger one-year Study of $PM_{2.5}$ and BC, the measured $PM_{2.5}$ values did not reflect an increase in measured $PM_{2.5}$ concentrations when compared to annual averages measured over previous years (2016, 2017, 2018, and 2019) at the DNR FEM $PM_{2.5}$ location. In fact, the data obtained in the one-year Study indicates reduced $PM_{2.5}$ concentrations in the community, when compared to previous years. The Study results indicate that maritime traffic in the Savannah River (including larger vessels travelling in the river post-SHEP) do not adversely impact air quality in the area. Air quality impacts that have been observed have been small and cannot be correlated with ship traffic. The $PM_{2.5}$ concentrations measured in the one-year Study demonstrate that area $PM_{2.5}$ concentrations remain below the NAAQS values, and $PM_{2.5}$ in the area may be attributable to non-SHEP factors such as fires, regional pollution sources, or vehicular traffic.

Figure 19: $PM_{2.5}$ Versus # Ship Crossings
November 2024



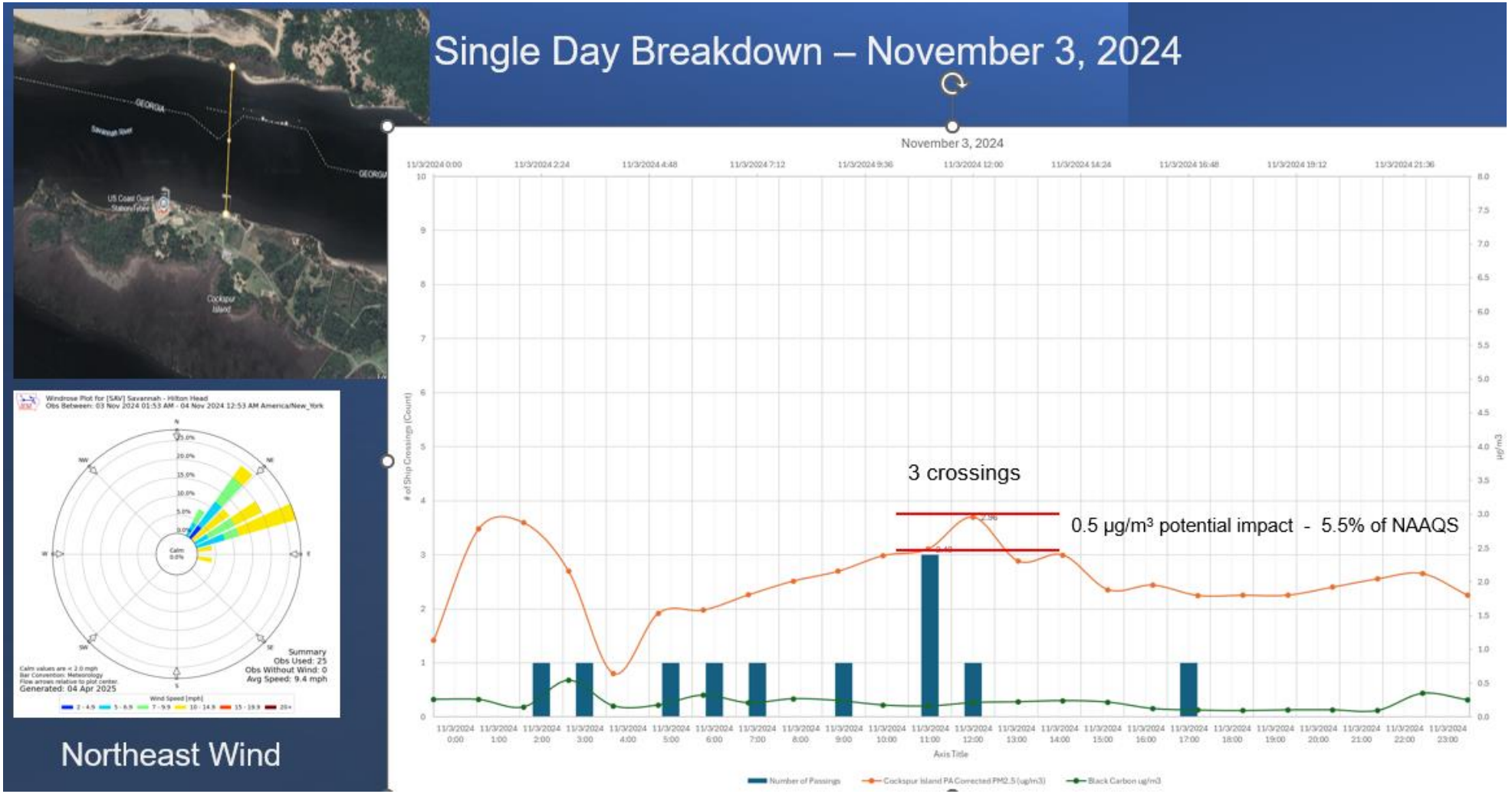


Figure 20: Single Day Crossing Breakdown
November 3, 2024

5. Monitoring Study Conclusion

The Study adhered to the guidelines set forth by the USEPA and the project-specific QAPP, approved by the USEPA on December 18, 2024. The study's findings were compared against the NAAQS, demonstrating that $PM_{2.5}$ concentrations remained below the NAAQS value. The data indicated a reduction in $PM_{2.5}$ levels compared to annual averages from previous years, suggesting that larger vessels traveling in the Savannah River post-SHEP did not adversely affect air quality. This study indicates that air quality impacts in the area are minimal and likely attributable to sources other than maritime traffic, such as fires, industrial pollution sources, or vehicular emissions, which produce combustion and incomplete combustion particles ($PM_{2.5}$ and BC).

Following the completion of SHEP, the deeper channel enables the passage of larger vessels. An increase in vessel size has resulted in a decrease in ship traffic, with annual vessel calls decreasing from 2,266 in 2016 to 1,782 in 2024. The Study demonstrated that ship traffic did not correlate with higher $PM_{2.5}$ levels, indicating other sources or meteorological conditions influenced pollutant dispersion. The one-year Study of $PM_{2.5}$ and BC, coupled with ship traffic analysis, showed no increase in $PM_{2.5}$ concentrations compared to annual averages from 2016 to 2019 at the DNR FEM $PM_{2.5}$ location. Instead, the average observed $PM_{2.5}$ levels from the year-long Study were less than annual averages measured in 2016, 2017, 2018, and 2019. The data suggest that maritime traffic in the Savannah River does not negatively impact air quality, as observed impacts are minimal and were not able to be correlated to ship activity. Annual $PM_{2.5}$ levels remain below NAAQS values. Short term increases in $PM_{2.5}$ levels were likely the result of smoke plumes entering the airshed from fires, industrial pollution, or vehicle emissions.

Fires elevate the levels of $PM_{2.5}$ in the atmosphere. The intensity and duration of fires can lead to sustained periods of hazardous air quality, especially in downwind regions, where smoke can travel hundreds or even thousands of miles. Considering the historical predominant wind direction blowing from the west toward Savannah, wildfires and prescribed burns transport smoke plumes into the Savannah airshed and increase the AQI. Air quality index values of “moderate” and “unhealthy for sensitive groups” were documented when smoke plumes were observed in the airshed. While prescribed burns are undertaken to address ecosystem health and reduce the risk of wildfires, prescribed burns impact air quality and pose potential health impacts to citizens in downwind areas.

This Study validates the use of cost-effective monitors (i.e. PurpleAir monitors) as an effective and budget-friendly approach to conducting short to mid-term (less than 24 month) air monitoring studies. With sufficient planning, program oversight, diligent maintenance, and quality assurance, these monitors can obtain reliable air quality data.

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Appendices

Appendix A

Air Monitoring Location Figures



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Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Georgia East FIPS 1001 Feet

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GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT

AIR MONITORING LOCATIONS
GARDEN CITY

Project No. 12614146
Revision No. -
Date Oct 27, 2023

FIGURE 1

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Map Projection: Transverse Mercator
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GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT

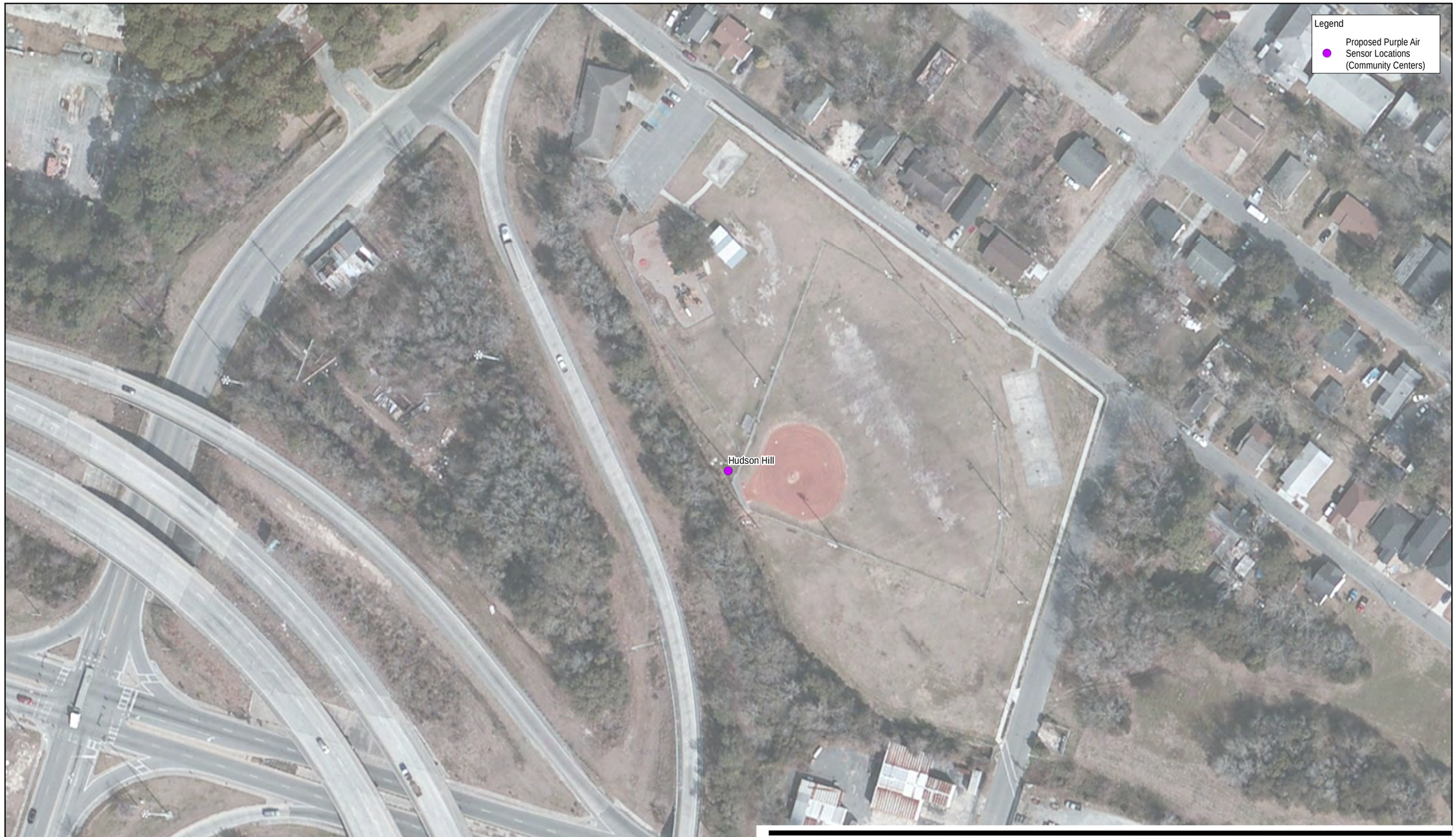
AIR MONITORING LOCATIONS
WOODVILLE

Project No. 12614146
Revision No. -
Date Oct 27, 2023

FIGURE 2

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GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT

AIR MONITORING LOCATIONS
HUDSON HILL

Project No. 12614146
Revision No. -
Date Oct 27, 2023

FIGURE 3

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GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT

AIR MONITORING LOCATIONS
WEST SAVANNAH

Project No. 12614146
Revision No. -
Date Oct 27, 2023

FIGURE 4

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AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT

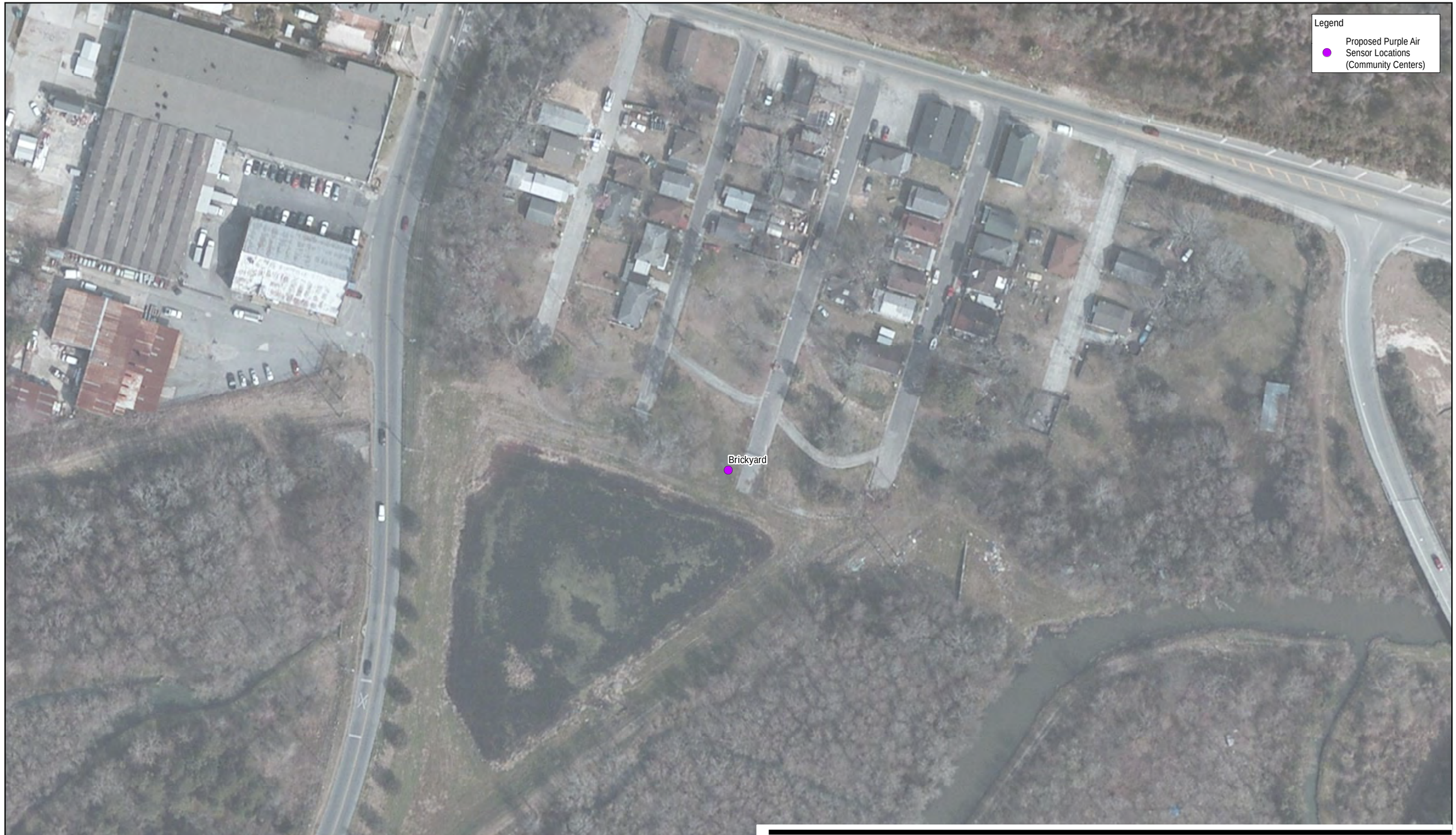
AIR MONITORING LOCATIONS
CARVER VILLAGE

Project No. 12614146
Revision No. -
Date Oct 27, 2023

FIGURE 5

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Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Georgia East FIPS 1001 Feet

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GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT

AIR MONITORING LOCATIONS
BRICKYARD

Project No. 12614146
Revision No. -
Date Oct 27, 2023

FIGURE 6

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Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Georgia East FIPS 1001 Feet

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GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT

AIR MONITORING LOCATIONS
EXISTING GA DNR

Project No. 12614146
Revision No. -
Date Oct 27, 2023

FIGURE 7

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Horizontal Datum: North American 1983
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GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT
AIR MONITORING LOCATIONS
SHIP CHANNEL LOCATION #1
COCKSPUR ISLAND PILOT STATION

Project No. 12614146
Revision No. -
Date Oct 30, 2023

FIGURE 8

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Print date: 30 Oct 2023 - 08:52

Data source: Source: Esri, Maxar, Earthstar Geographics, IGN, and the GIS User Community.



Paper Size ANSI B

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Feet

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Georgia East FIPS 1001 Feet

N

GHD

GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT

AIR MONITORING LOCATIONS
SHIP CHANNEL LOCATION #2

Project No. 12614146
Revision No. -
Date Oct 27, 2023

FIGURE 9

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Print date: 27 Oct 2023 - 15:06

Data source: Source: Esri, Maxar, Earthstar Geographics, IGN, and the GIS User Community.

Legend

- Existing GA DNR Monitor-QC Calibration Location
- Proposed Air Sensor Locations (Community Centers)
- Proposed Air Sensor Locations (Ship Channel Location)
- GA Port Authority Parcel Boundary

Garden City Terminal

Garden City

Ocean Terminal

Hudson Hill

Woodville

Existing GA DNR

West Savannah

Ship Channel Location #2 - Ocean Terminal

Brickyard

Carver Village

Ship Channel Location #1 Cockspur Island Pilot Station

Paper Size ANSI B

0 0.5 1

Miles

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Georgia East FIPS 1001 Feet

N

GHD

GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT

AIR MONITORING LOCATIONS

Project No. 12614146
Revision No. -
Date Oct 30, 2023

FIGURE 10

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Data source: Source: Esri, Maxar, Earthstar Geographics, IGN, and the GIS User Community. Parcels sourced from Chatham County GIS, Accessed 10/30/2023.

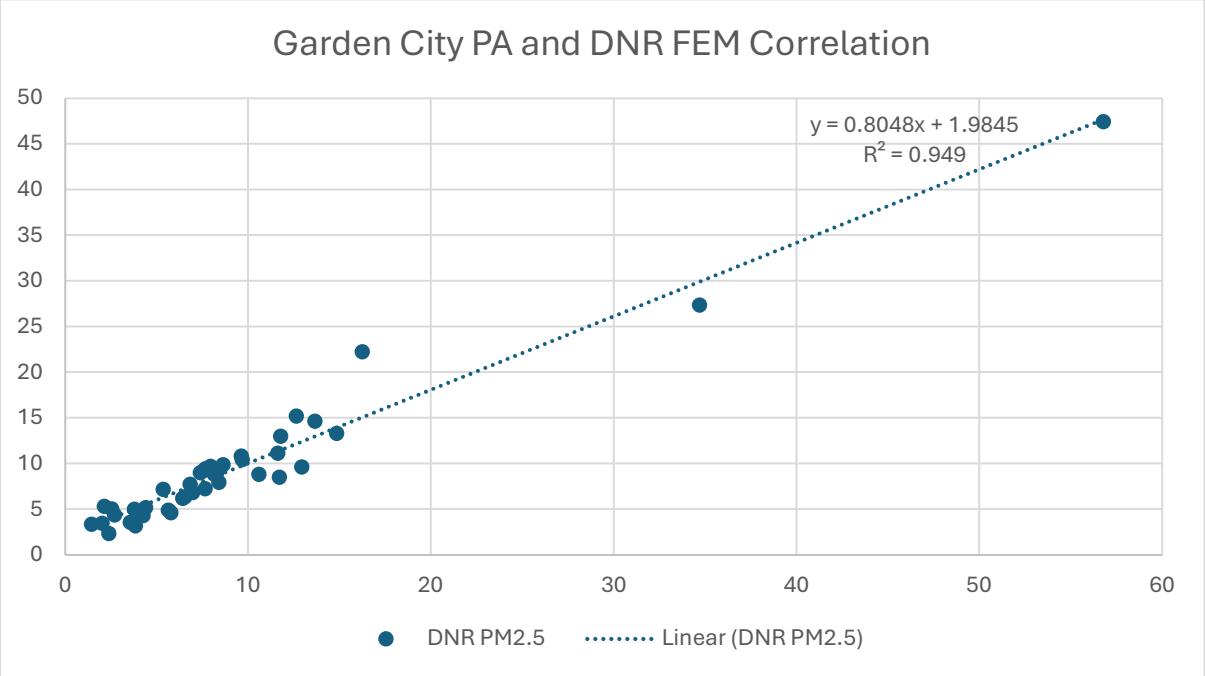
Appendix B

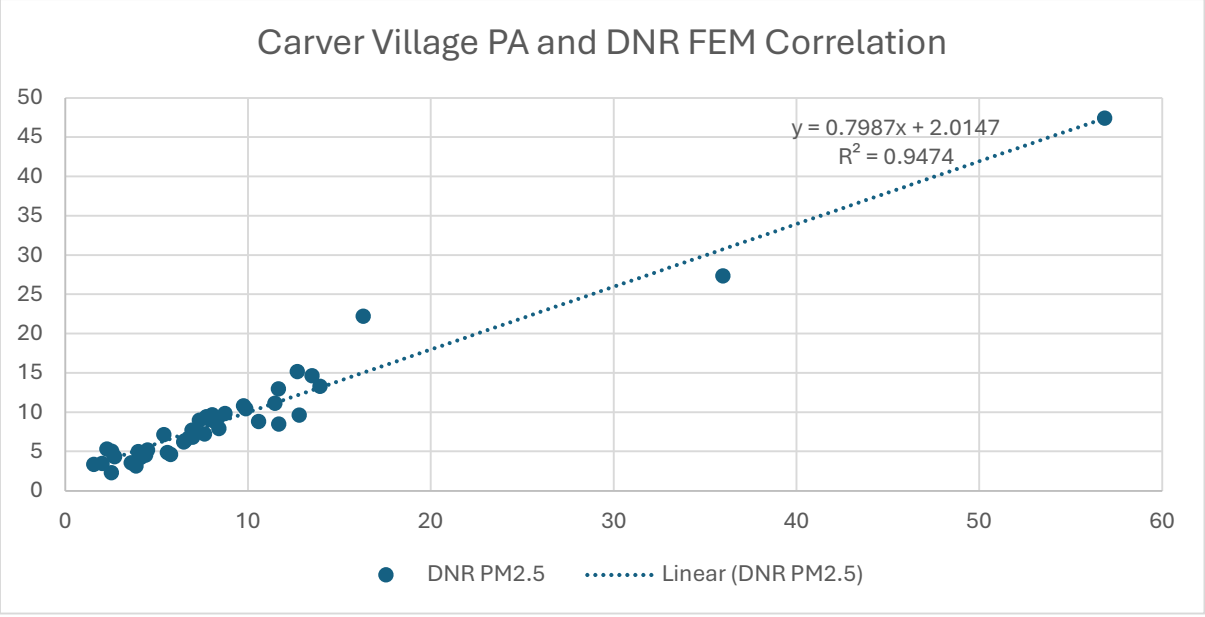
Correlation Base Testing Data

B.1 *Pre-Study Base Testing*

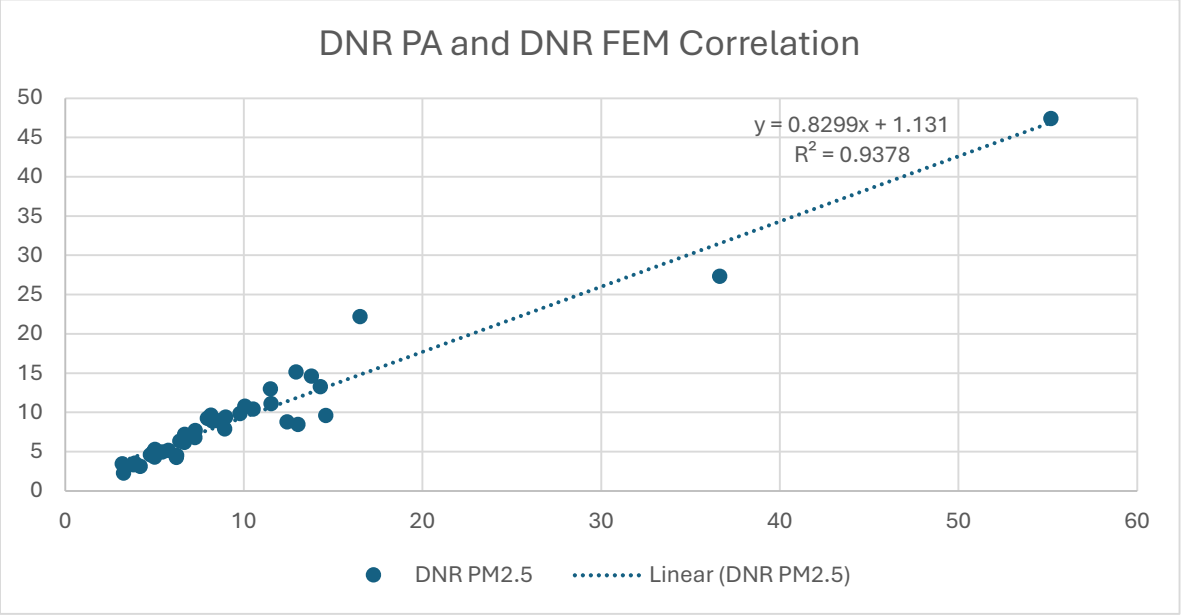
B.2 *Post-Study Base Testing*

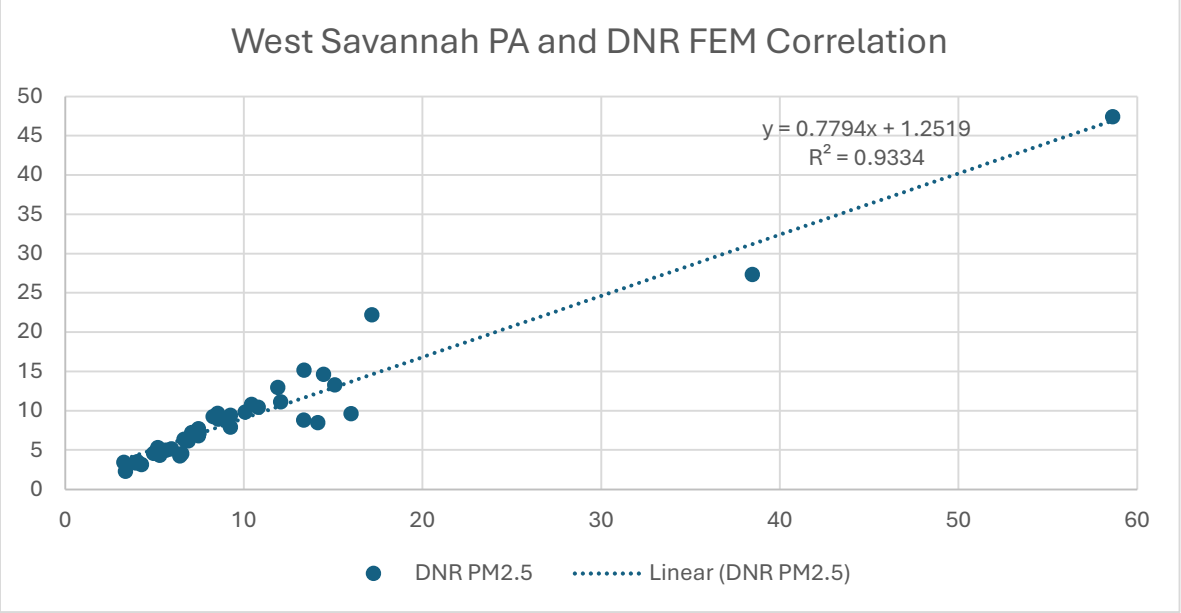
Appendix B.1
Pre-Study Base Testing Correlation Assessment
Slope, Intercept, and Linearity



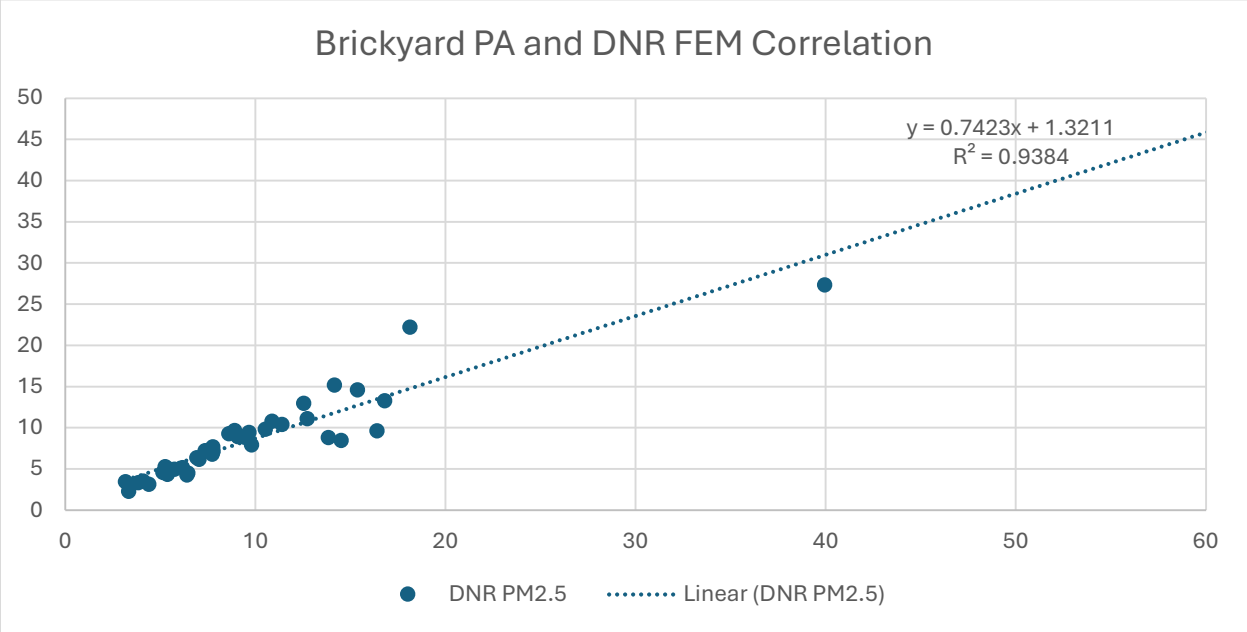


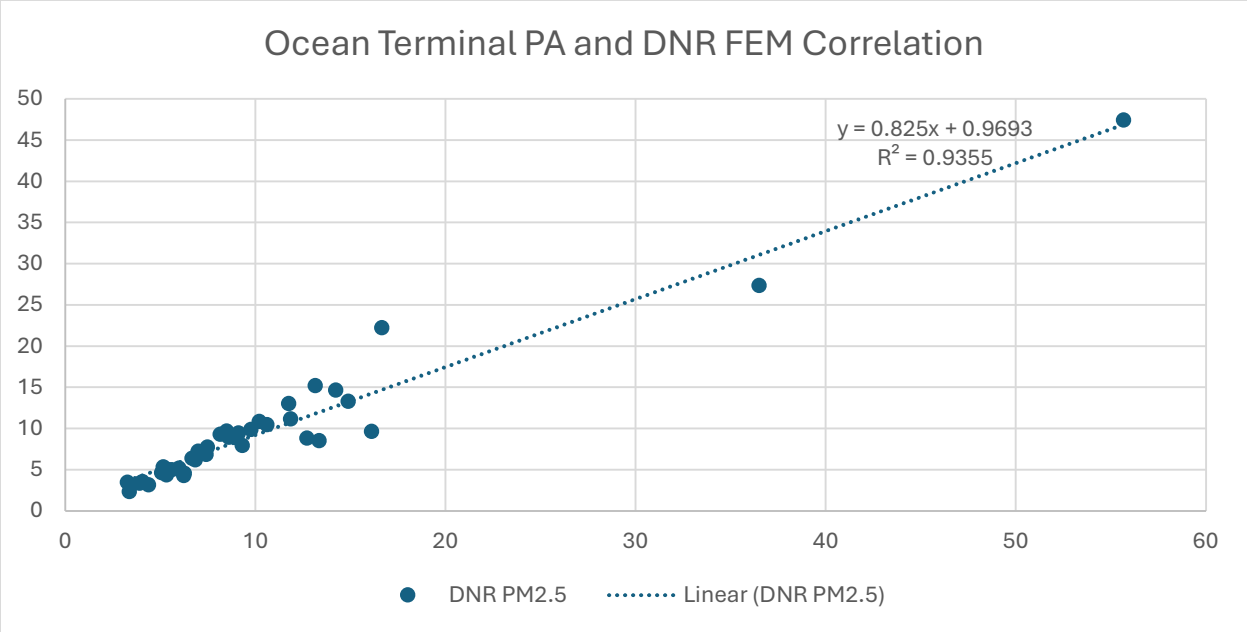
Appendix B.1
Pre-Study Base Testing Correlation Assessment
Slope, Intercept, and Linearity



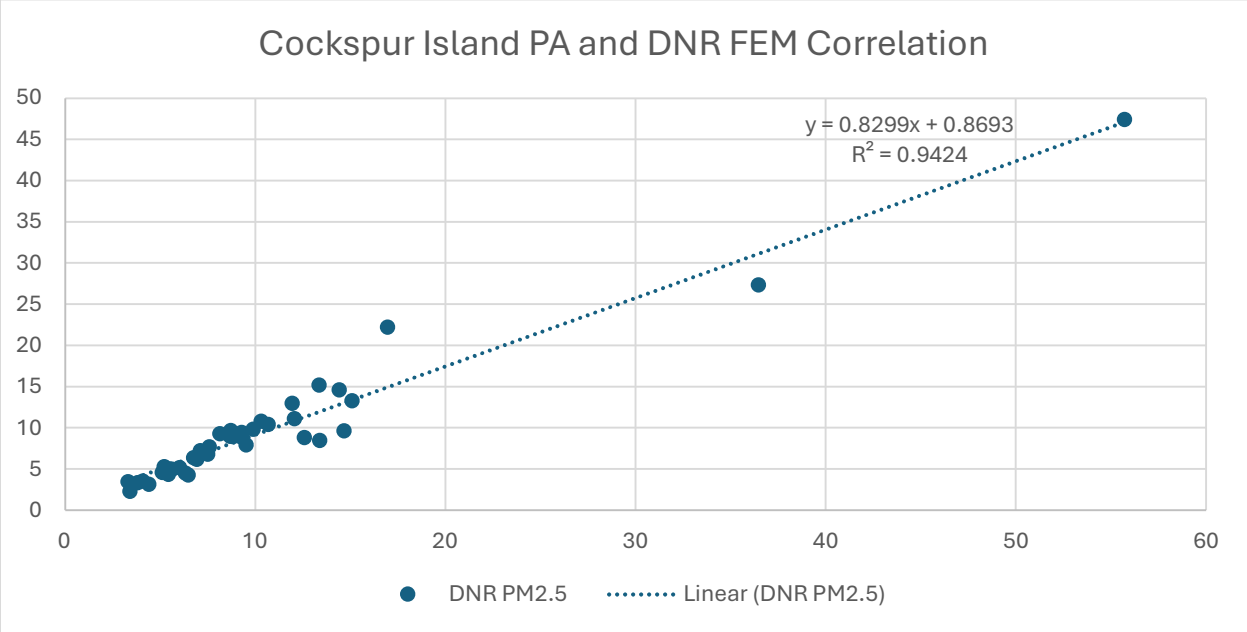


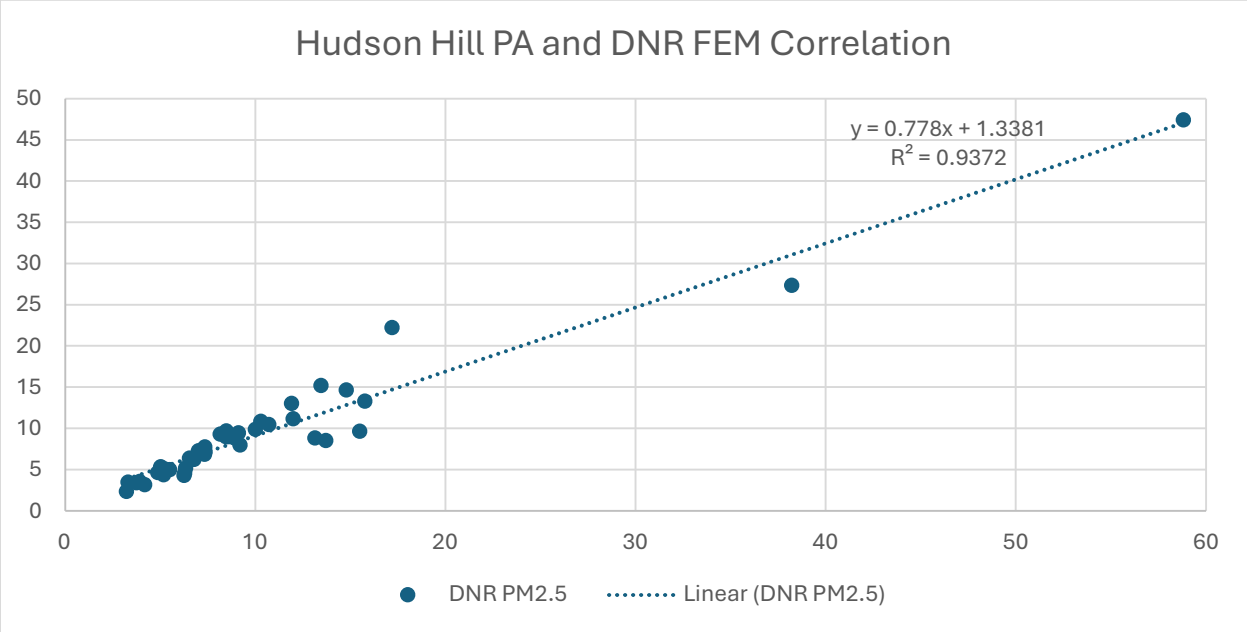
Appendix B.1
Pre-Study Base Testing Correlation Assessment
Slope, Intercept, and Linearity





Appendix B.1
Pre-Study Base Testing Correlation Assessment
Slope, Intercept, and Linearity

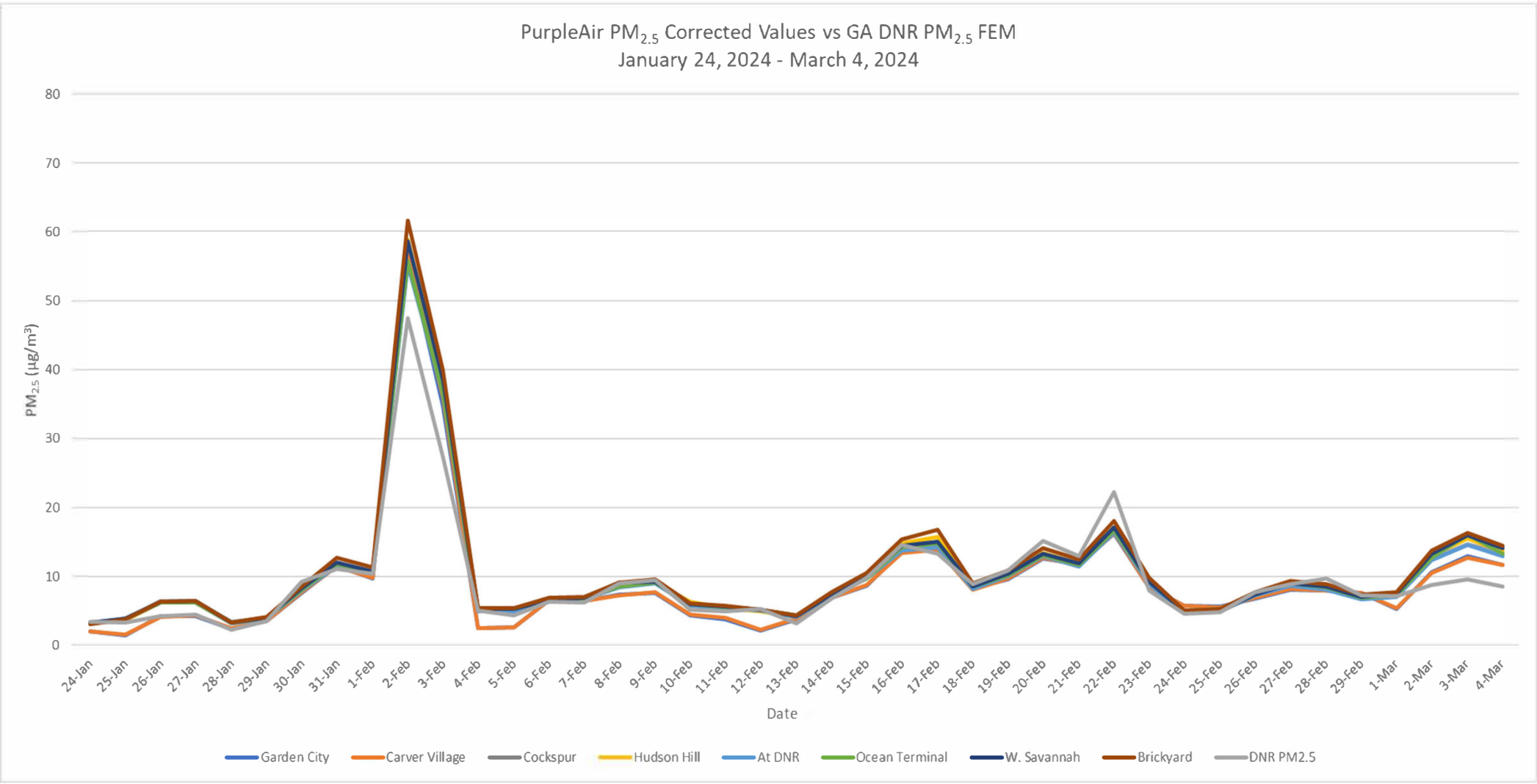




Appendix B.1
PurpleAir Pre-Study Base Testing Data
(µg/m³)

Date	Garden City	Carver Village	Cockspur	Hudson Hill	At DNR	Ocean Terminal	W. Savannah	Brickyard	DNR PM2.5
24-Jan	1.11	0.77	0.95	0.87	0.92	0.80	1.24	0.89	**3.49**
25-Jan	1.99	1.93	2.20	2.07	1.89	2.04	2.11	2.19	**3.38**
26-Jan	7.32	6.54	6.96	6.71	6.99	6.51	6.92	7.11	**4.30**
27-Jan	6.96	6.75	7.18	6.73	6.70	6.56	6.98	7.23	**4.55**
28-Jan	1.14	1.09	1.10	1.01	1.11	1.01	1.10	1.22	**2.34**
29-Jan	2.49	2.34	2.40	2.20	2.40	2.32	2.42	2.69	**3.57**
30-Jan	10.58	10.45	10.55	10.04	10.21	10.18	10.58	11.35	**9.30**
31-Jan	18.29	17.71	17.80	16.88	17.75	17.31	17.95	19.30	**11.15**
1-Feb	15.42	15.35	15.41	14.96	15.10	14.93	15.50	16.72	**10.46**
2-Feb	73.97	73.74	75.53	71.69	71.69	71.58	76.04	79.80	**47.44**
3-Feb	45.05	46.36	47.63	45.23	45.12	45.04	47.54	49.84	**27.37**
4-Feb	5.03	4.76	4.93	4.24	5.11	4.80	4.96	5.27	**5.07**
5-Feb	4.88	4.73	4.81	4.36	5.00	4.75	4.85	5.16	**4.38**
6-Feb	7.52	7.43	7.41	7.07	7.56	7.35	7.47	8.12	**6.40**
7-Feb	7.86	7.77	7.87	7.55	7.87	7.66	7.92	8.35	**6.22**
8-Feb	11.69	11.15	12.20	11.03	11.25	11.06	11.43	12.29	**9.00**
9-Feb	12.57	12.15	12.40	12.02	12.40	12.05	12.41	13.40	**9.47**
10-Feb	6.23	6.05	6.08	5.82	6.13	6.02	7.08	6.66	**5.20**
11-Feb	5.38	5.34	5.49	5.18	5.38	5.28	5.46	5.86	**5.01**
12-Feb	4.60	4.45	4.60	4.41	4.56	4.44	4.56	4.92	**5.34**
13-Feb	3.14	2.93	2.84	2.81	3.02	2.95	2.92	3.26	**3.18**
14-Feb	9.20	8.85	8.96	8.70	8.97	8.77	8.98	9.68	**6.84**
15-Feb	13.88	13.59	14.01	13.54	13.57	13.31	14.14	15.05	**9.88**
16-Feb	22.70	21.97	22.44	21.22	22.29	21.89	23.34	24.37	**14.66**
17-Feb	24.19	23.24	23.65	22.20	23.57	23.16	24.13	25.98	**13.31**
18-Feb	11.51	10.94	11.11	10.55	11.54	11.07	11.15	12.25	**8.97**
19-Feb	14.32	14.19	14.68	14.08	14.38	14.15	14.67	15.72	**10.85**
20-Feb	20.20	19.94	20.34	19.59	20.23	19.80	20.79	22.04	**15.20**
21-Feb	17.73	17.25	17.52	16.81	17.51	17.11	17.78	18.93	**13.02**
22-Feb	25.83	25.57	26.34	25.17	25.93	25.29	26.66	28.32	**22.24**
23-Feb	12.83	12.43	12.42	11.88	12.87	12.43	12.57	13.65	**7.96**
24-Feb	4.45	4.23	4.16	3.90	4.36	4.27	4.26	4.68	**4.63**
25-Feb	4.89	4.57	4.47	4.29	4.76	4.66	4.55	5.04	**4.90**
26-Feb	9.15	8.94	8.97	8.74	9.14	8.91	9.02	9.73	**7.75**
27-Feb	12.26	11.94	12.03	11.50	12.39	11.85	11.98	12.95	**8.89**
28-Feb	11.30	11.10	11.03	10.42	11.29	10.84	11.19	11.94	**9.70**
29-Feb	8.26	8.08	8.25	7.61	8.23	7.98	8.39	8.96	**7.26**
1-Mar	8.84	8.61	9.03	8.31	8.75	8.63	9.06	9.77	**7.18**
2-Mar	19.57	19.13	20.30	18.60	18.76	18.96	20.14	21.43	**8.84**
3-Mar	24.35	23.74	25.39	22.77	22.76	24.41	24.70	26.34	**9.65**
4-Mar	21.10	20.73	21.82	19.78	20.31	20.21	21.26	22.71	**8.52**

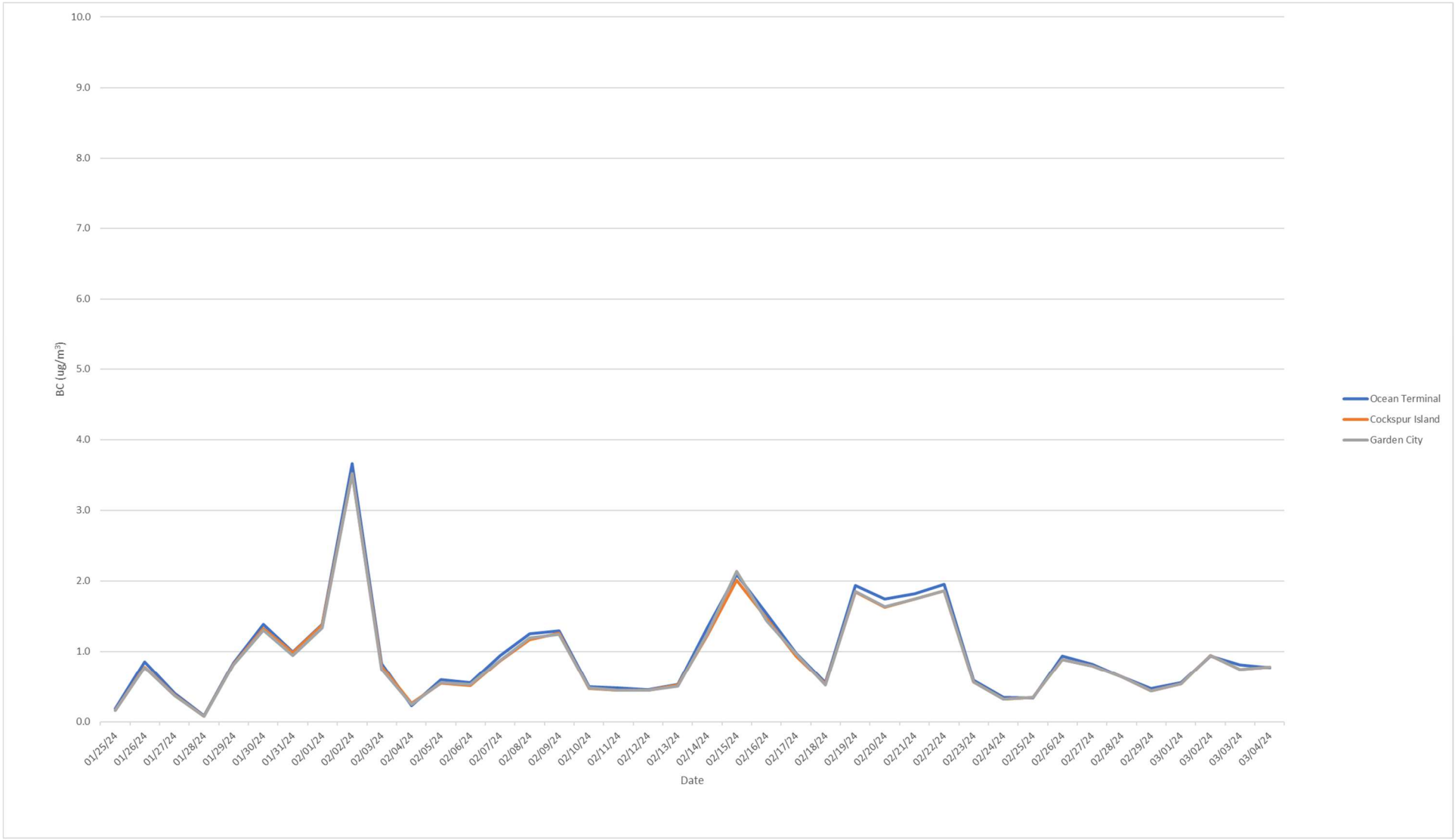
Appendix B.1 PurpleAir Pre-Study Graph



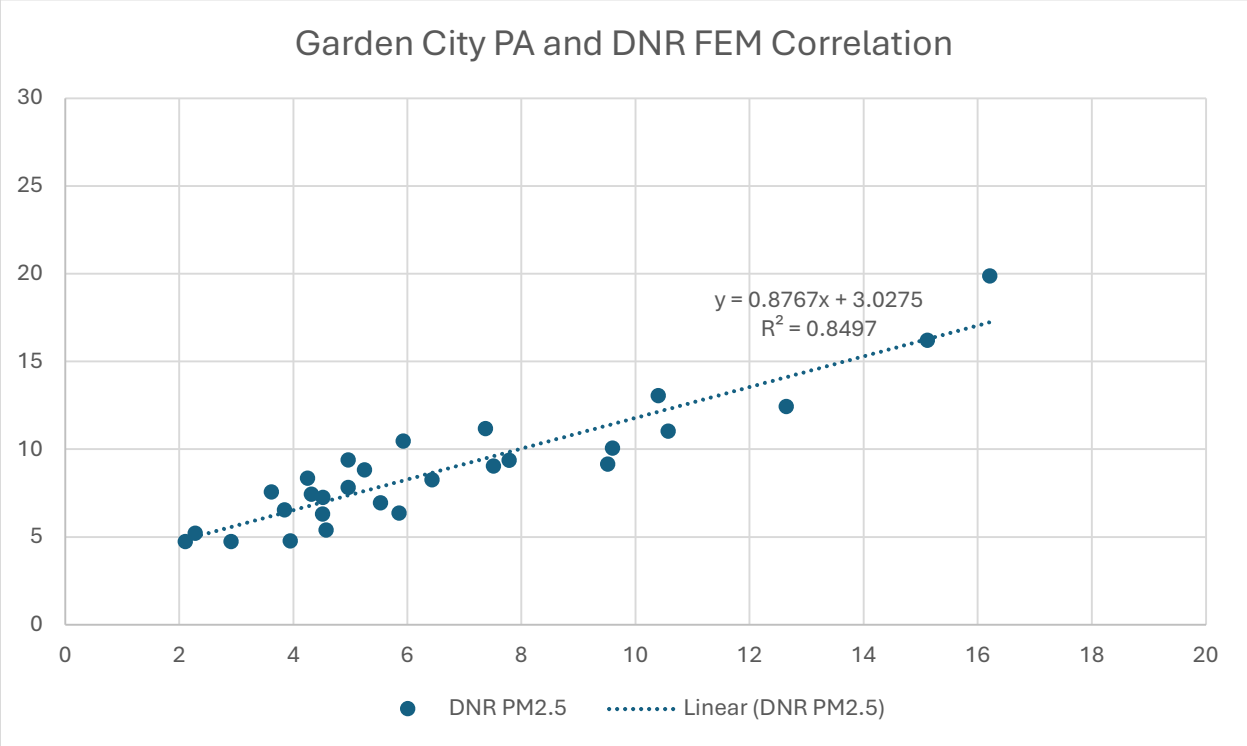
Appendix B.1
Pre-Study C-12 Monitor Data
(µg/m³)

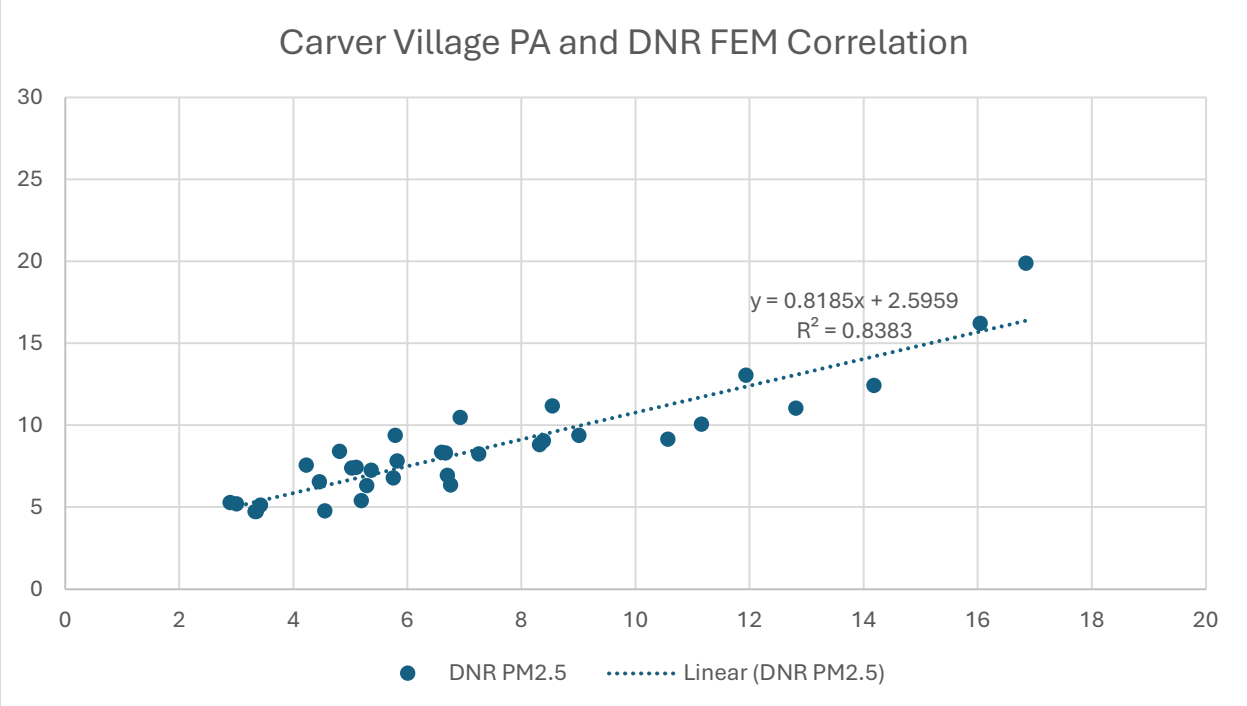
Date	Ocean Terminal (µg/m³)	Cockspur Island (µg/m³)	Garden City (µg/m³)
01/25/24	0.19	0.16	0.16
01/26/24	0.86	0.78	0.77
01/27/24	0.40	0.38	0.37
01/28/24	0.09	0.08	0.08
01/29/24	0.84	0.82	0.81
01/30/24	1.39	1.33	1.30
01/31/24	1.00	0.98	0.94
02/01/24	1.39	1.37	1.34
02/02/24	3.66	3.52	3.52
02/03/24	0.83	0.79	0.75
02/04/24	0.23	0.26	0.24
02/05/24	0.60	0.55	0.56
02/06/24	0.56	0.51	0.53
02/07/24	0.94	0.87	0.88
02/08/24	1.25	1.17	1.19
02/09/24	1.30	1.26	1.25
02/10/24	0.49	0.47	0.48
02/11/24	0.48	0.45	0.44
02/12/24	0.45	0.45	0.45
02/13/24	0.53	0.52	0.50
02/14/24	1.34	1.23	1.26
02/15/24	2.09	2.01	2.14
02/16/24	1.54	1.47	1.43
02/17/24	0.98	0.94	0.97
02/18/24	0.56	0.53	0.52
02/19/24	1.93	1.84	1.86
02/20/24	1.74	1.63	1.64
02/21/24	1.82	1.74	1.74
02/22/24	1.95	1.86	1.86
02/23/24	0.59	0.56	0.56
02/24/24	0.34	0.32	0.32
02/25/24	0.33	0.34	0.34
02/26/24	0.93	0.89	0.89
02/27/24	0.82	0.79	0.79
02/28/24	0.64	0.64	0.64
02/29/24	0.47	0.44	0.44
03/01/24	0.55	0.54	0.54
03/02/24	0.94	0.95	0.95
03/03/24	0.81	0.74	0.74
03/04/24	0.77	0.78	0.78

Appendix B.1
Pre-Study C-12 Monitor Data
(µg/m³)

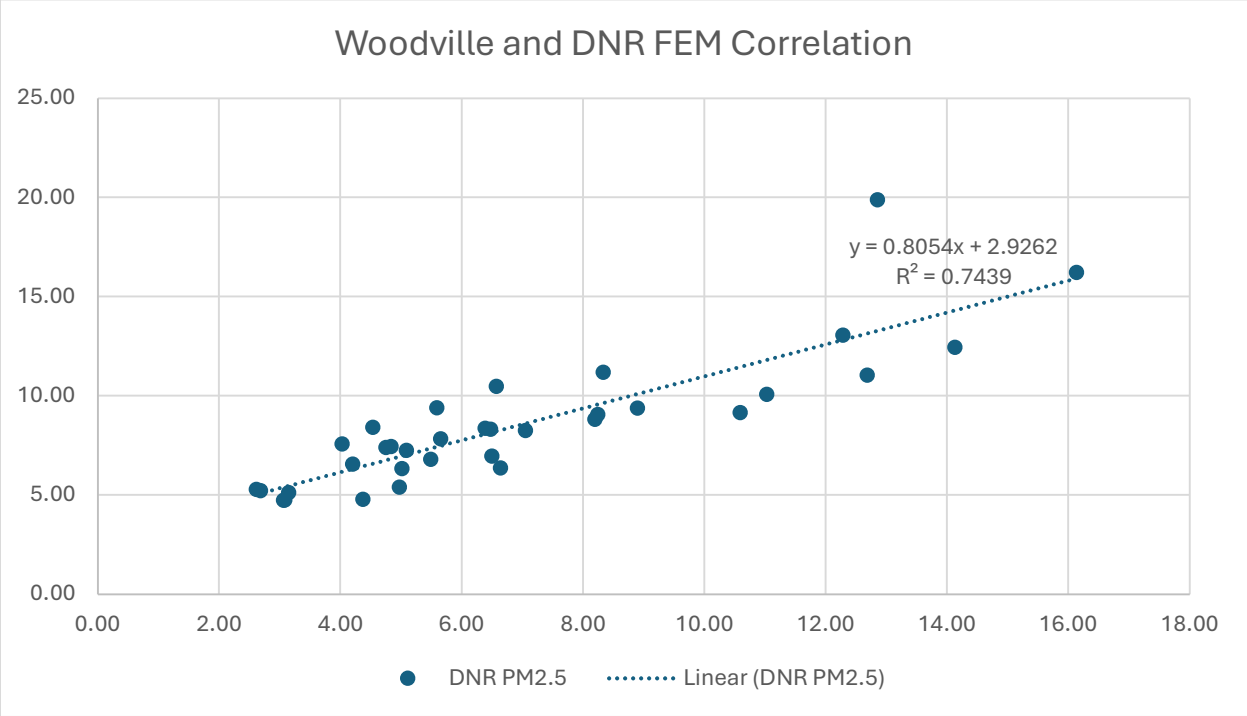


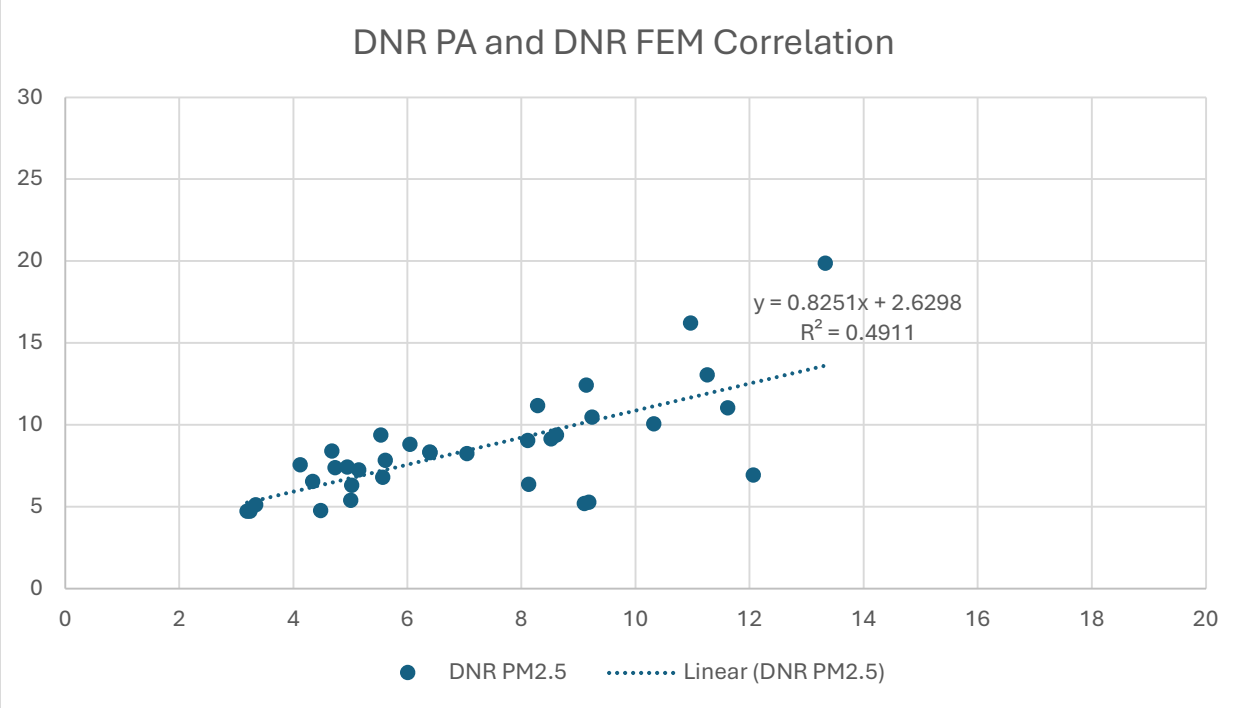
Appendix B.2
Post-Study Base Testing Correlation Assessment
Slope, Intercept, and Linearity



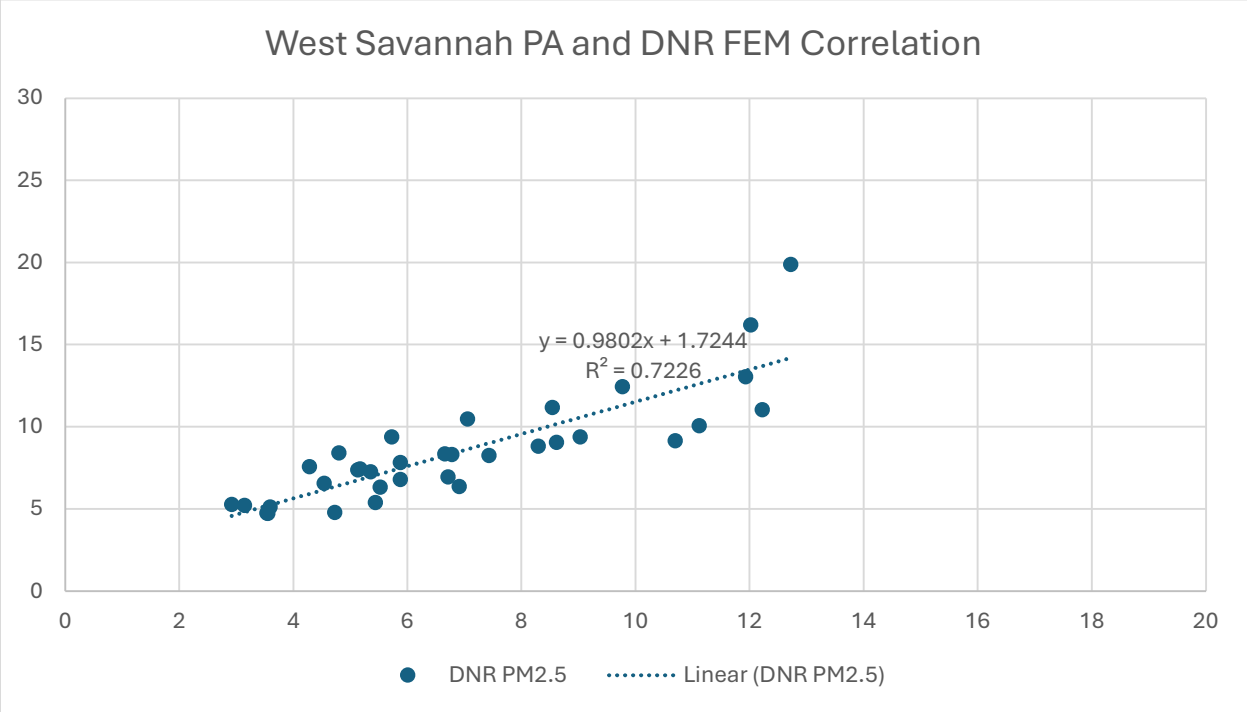


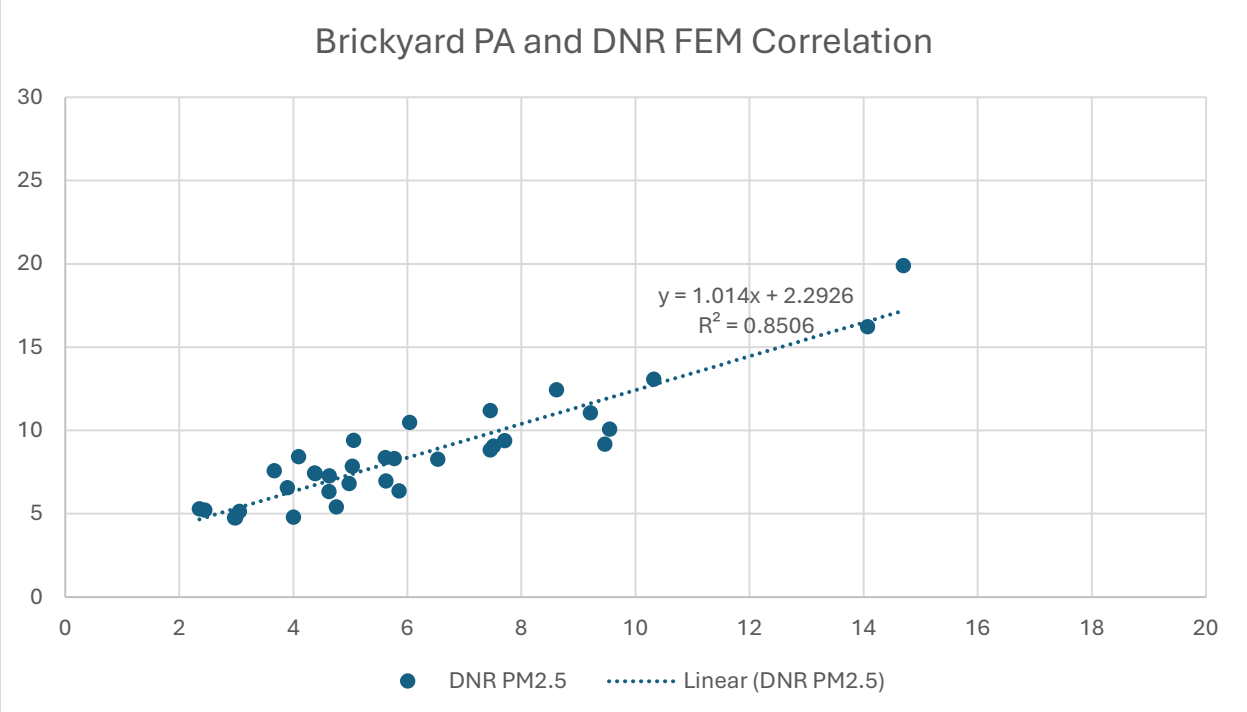
Appendix B.2
Post-Study Base Testing Correlation Assessment
Slope, Intercept, and Linearity



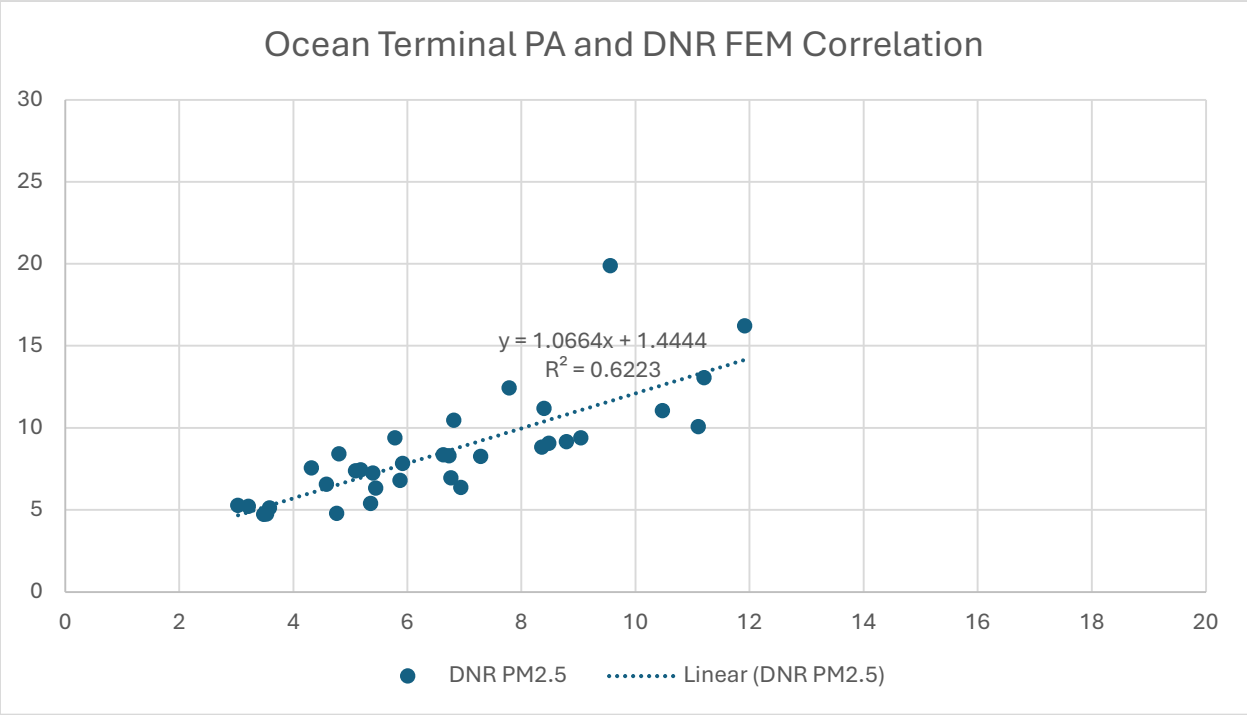


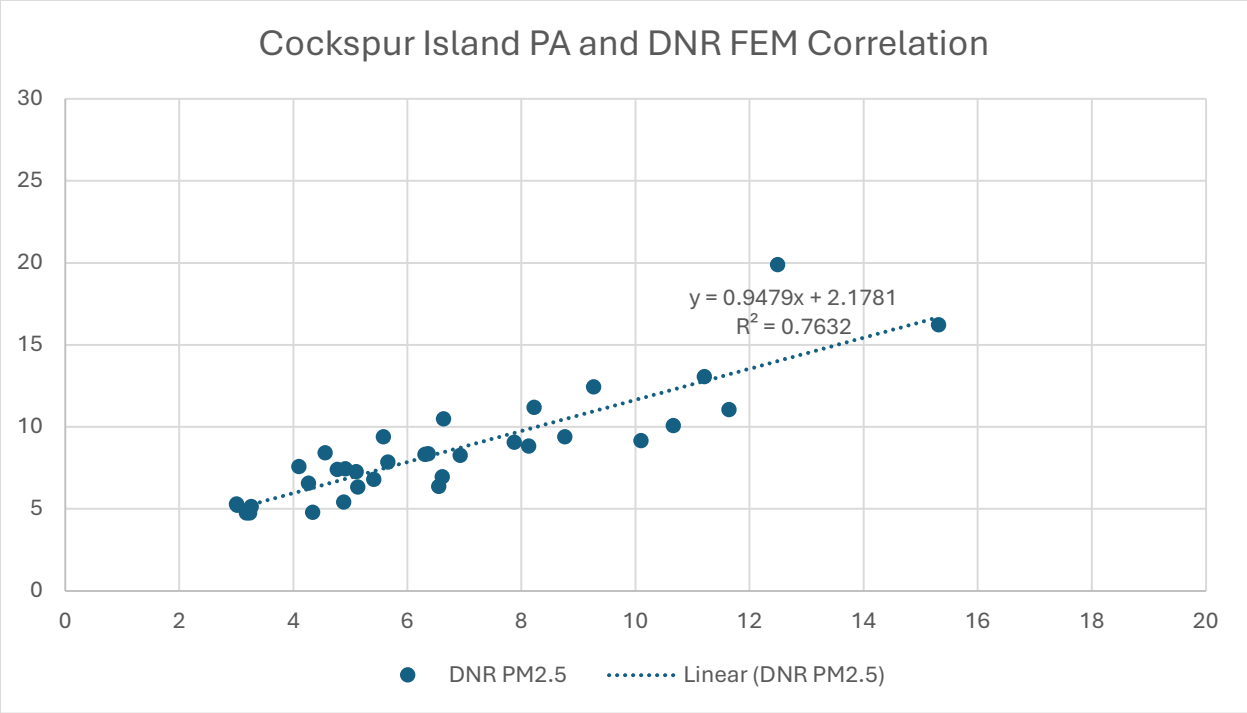
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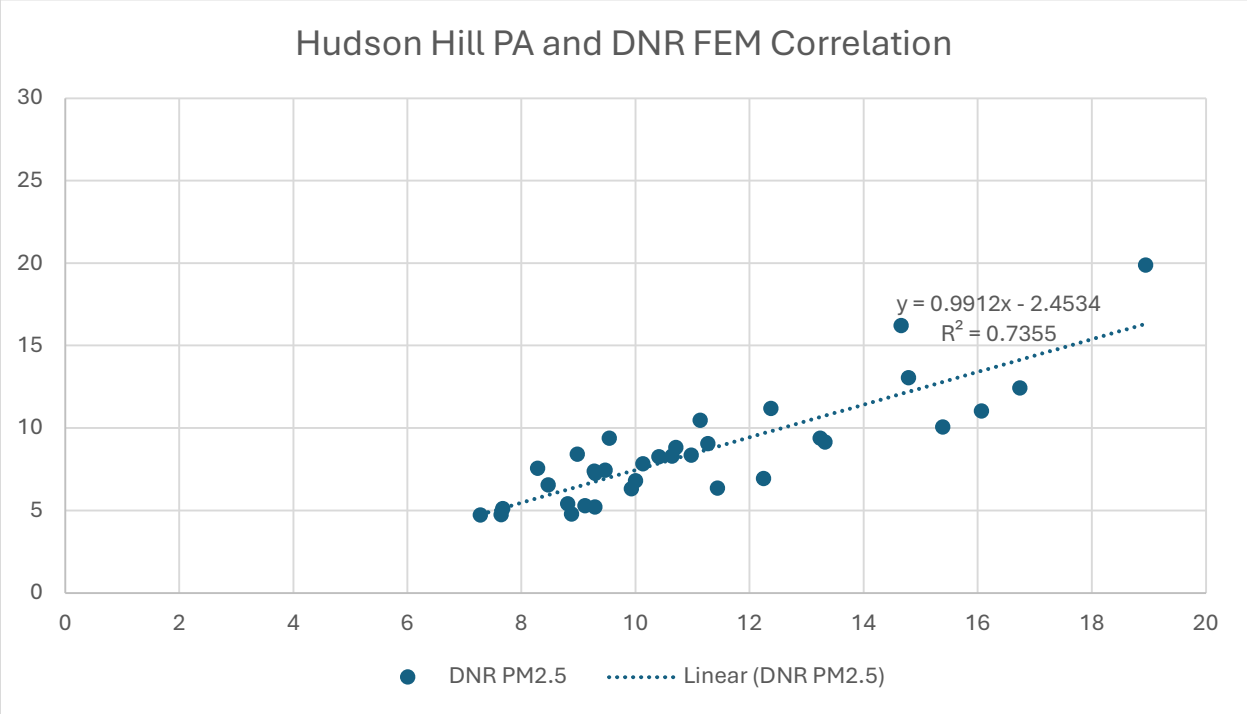


Appendix B.2
Post-Study Base Testing Correlation Assessment
Slope, Intercept, and Linearity





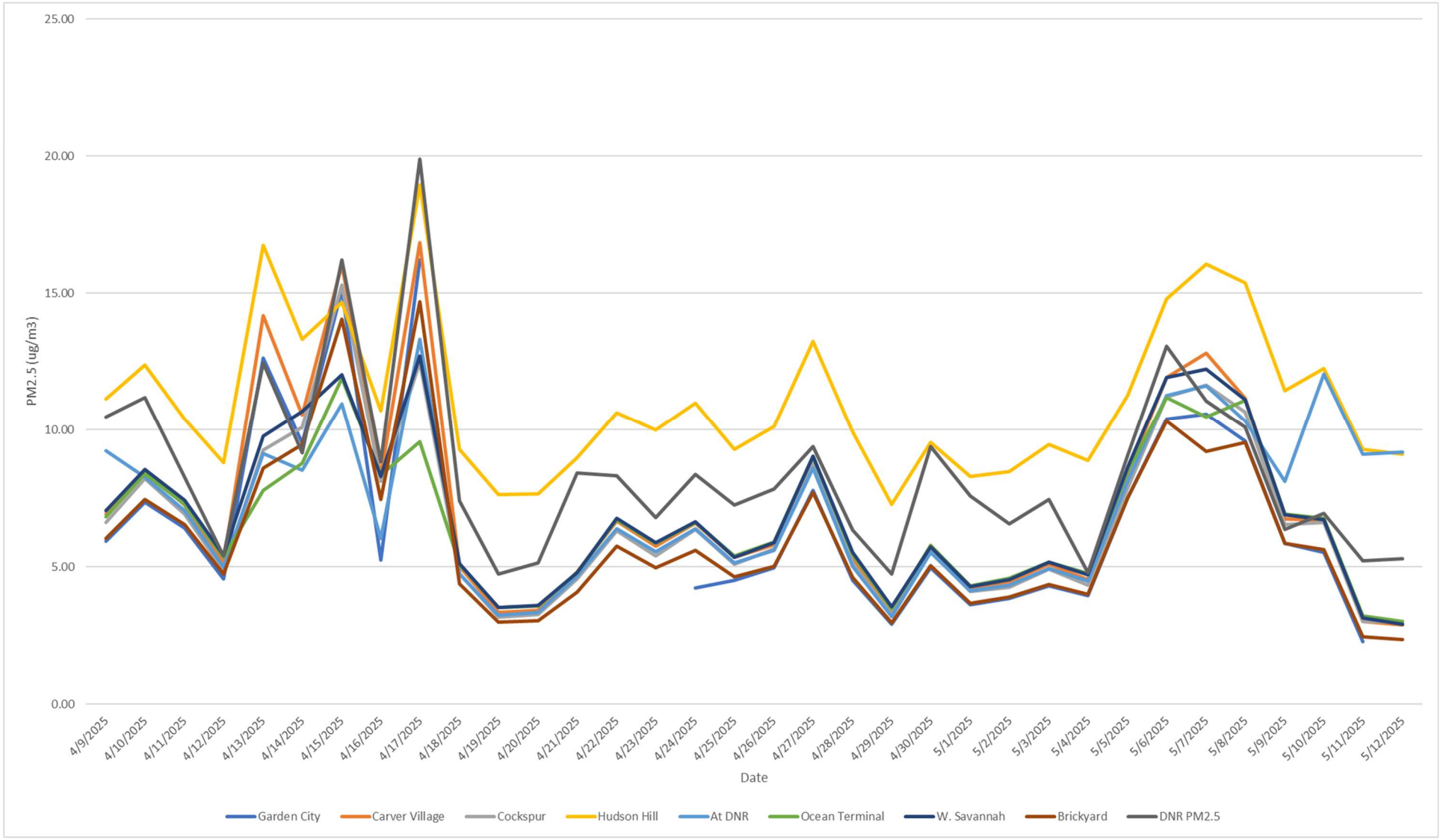
Appendix B.2
Post-Study Base Testing Correlation Assessment
Slope, Intercept, and Linearity



Appendix B.2
PurpleAir Post-Study Base Testing Data
(µg/m³)

Date	Garden City	Carver Village	Cockspur	Hudson Hill	At DNR	Ocean Terminal	W. Savannah	Brickyard	DNR PM2.5
4/9/2025	5.93	6.93	6.57	9.24	7.06	6.04	6.82	6.63	11.13
4/10/2025	7.37	8.54	8.34	8.28	8.54	7.45	8.40	8.22	12.37
4/11/2025	6.43	7.25	7.05	7.04	7.43	6.54	7.28	6.92	10.41
4/12/2025	4.57	5.19	4.97	5.01	5.44	4.76	5.35	4.88	8.81
4/13/2025	12.64	14.18	14.13	9.14	9.77	8.61	7.78	9.27	16.74
4/14/2025	9.51	10.57	10.59	8.52	10.69	9.46	8.79	10.09	13.32
4/15/2025	15.12	16.04	16.13	10.96	12.02	14.07	11.91	15.31	14.66
4/16/2025	5.25	8.32	8.20	6.05	8.29	7.45	8.36	8.13	10.71
4/17/2025	16.21	16.85	12.85	13.33	12.72	14.70	9.56	12.49	18.94
4/18/2025		5.02	4.75	4.73	5.13	4.38	5.09	4.77	9.27
4/19/2025	2.11	3.35	3.09	3.24	3.54	2.99	3.53	3.18	7.64
4/20/2025		3.42	3.15	3.34	3.59	3.05	3.58	3.26	7.67
4/21/2025		4.81	4.53	4.67	4.80	4.09	4.80	4.56	8.98
4/22/2025		6.67	6.48	6.40	6.78	5.77	6.73	6.31	10.64
4/23/2025		5.75	5.49	5.57	5.88	4.98	5.87	5.41	10.00
4/24/2025	4.25	6.60	6.39	6.39	6.66	5.61	6.63	6.36	10.98
4/25/2025	4.52	5.36	5.09	5.15	5.35	4.63	5.39	5.11	9.29
4/26/2025	4.96	5.82	5.66	5.61	5.88	5.04	5.92	5.66	10.13
4/27/2025	7.78	9.01	8.90	8.61	9.03	7.71	9.04	8.76	13.24
4/28/2025	4.51	5.29	5.01	5.03	5.52	4.63	5.44	5.13	9.93
4/29/2025	2.91	3.33	3.06	3.19	3.55	2.97	3.48	3.23	7.28
4/30/2025	4.96	5.79	5.59	5.53	5.73	5.06	5.78	5.58	9.54
5/1/2025	3.62	4.22	4.03	4.12	4.29	3.67	4.32	4.10	8.28
5/2/2025	3.85	4.46	4.20	4.34	4.54	3.89	4.58	4.27	8.47
5/3/2025	4.32	5.10	4.84	4.95	5.17	4.37	5.18	4.91	9.47
5/4/2025	3.95	4.55	4.37	4.48	4.73	4.00	4.76	4.34	8.88
5/5/2025	7.51	8.39	8.24	8.11	8.62	7.51	8.48	7.87	11.27
5/6/2025	10.40	11.94	12.28	11.26	11.93	10.32	11.20	11.21	14.79
5/7/2025	10.57	12.81	12.68	11.62	12.22	9.21	10.47	11.64	16.06
5/8/2025	9.60	11.15	11.03	10.32	11.12	9.54	11.10	10.66	15.39
5/9/2025	5.85	6.76	6.64	8.13	6.91	5.85	6.94	6.55	11.44
5/10/2025	5.53	6.70	6.50	12.07	6.71	5.63	6.76	6.61	12.24
5/11/2025	2.28	3.01	2.69	9.10	3.15	2.45	3.21	3.01	9.29
5/12/2025		2.89	2.62	9.18	2.92	2.35	3.03	3.01	9.12

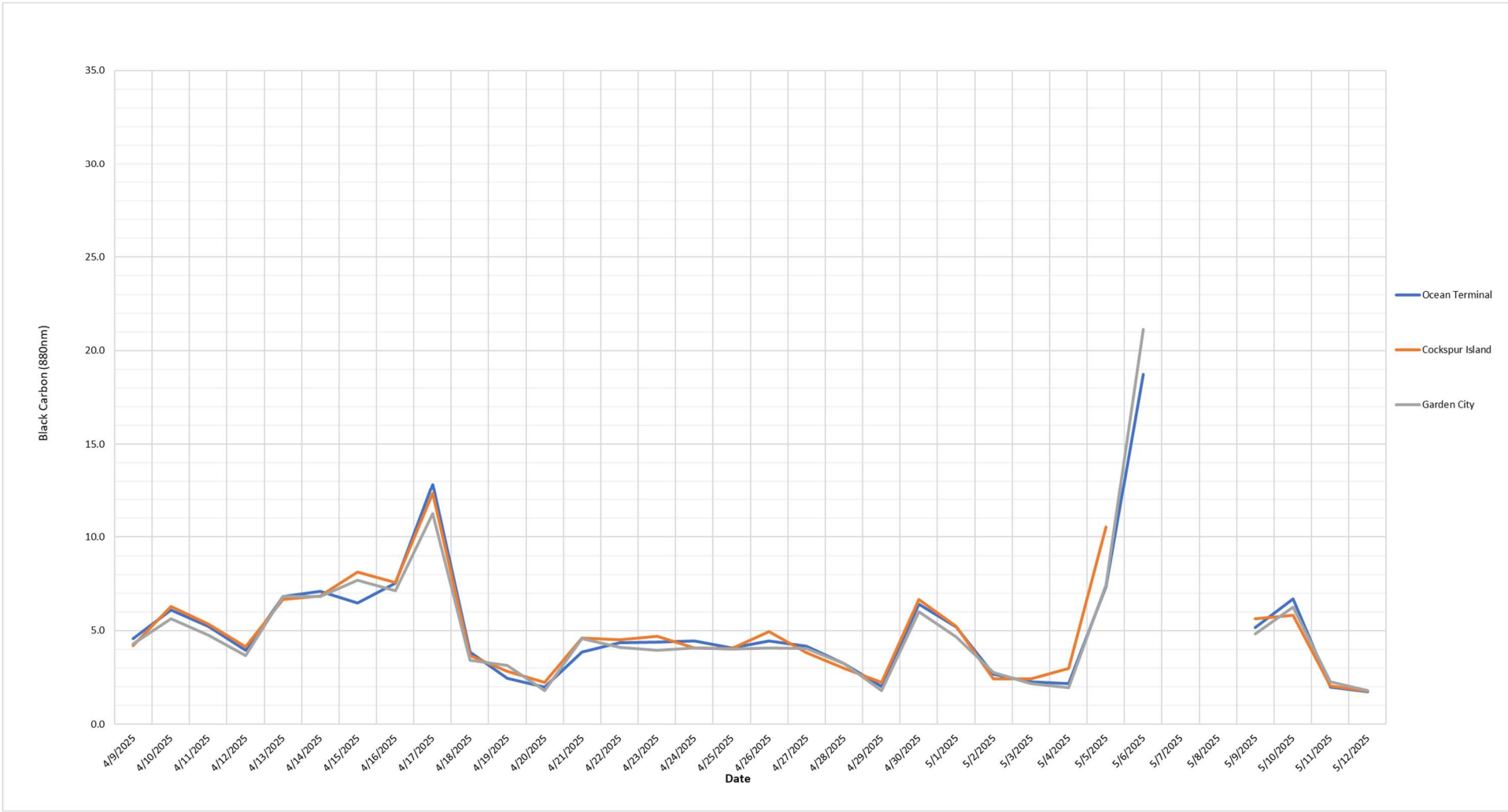
Appendix B.2
PurpleAir Post-Study Base Testing Data
(µg/m³)



Appendix B.2
Post-Study C-12 Monitor Data
(µg/m³)

Date	Ocean Terminal	Cockspur Island	Garden City
4/9/2025	4.59	4.20	4.29
4/10/2025	6.09	6.30	5.64
4/11/2025	5.24	5.36	4.77
4/12/2025	3.96	4.12	3.67
4/13/2025	6.81	6.65	6.82
4/14/2025	7.11	6.84	6.82
4/15/2025	6.48	8.13	7.69
4/16/2025	7.53	7.56	7.13
4/17/2025	12.84	12.34	11.24
4/18/2025	3.86	3.67	3.42
4/19/2025	2.44	2.84	3.14
4/20/2025	1.99	2.24	1.79
4/21/2025	3.87	4.61	4.59
4/22/2025	4.34	4.51	4.12
4/23/2025	4.40	4.68	3.94
4/24/2025	4.45	4.09	4.09
4/25/2025	4.07	4.05	4.00
4/26/2025	4.46	4.94	4.09
4/27/2025	4.16	3.83	4.06
4/28/2025	3.25	2.99	3.25
4/29/2025	2.01	2.23	1.81
4/30/2025	6.42	6.65	6.00
5/1/2025	5.21	5.24	4.66
5/2/2025	2.68	2.42	2.76
5/3/2025	2.27	2.44	2.18
5/4/2025	2.18	2.99	1.96
5/5/2025	7.34	10.52	7.44
5/6/2025	18.74		21.13
5/7/2025			
5/8/2025			
5/9/2025	5.16	5.64	4.83
5/10/2025	6.69	5.83	6.25
5/11/2025	2.00	2.06	2.25
5/12/2025	1.75	1.76	1.80

Appendix B.2
Post-Study C-12 Monitor Data
(µg/m³)



Appendix C

Monthly SAROAD Tables

Saroad Table - Corrected Hourly PM2.5 Data
March 2024

Location Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2024	4.8	5.1	5.7	7.1	8.0	8.6	7.2	4.3	2.6	2.7	2.3	2.8	2.6	1.8	1.5	0.3	0.9	1.0	1.6	4.2	3.4	4.6	6.6	6.6	4.0	24
3/2/2024	5.5	5.0	5.8	7.9	10.0	8.1	6.9	7.1	7.8	9.4	12.4	11.4	6.8	6.7	6.8	8.4	7.6	6.7	6.9	6.7	6.5	7.5	8.1	9.8	7.7	24
3/3/2024	9.3	10.7	10.6	11.5	10.6	9.7	10.3	9.6	8.3	6.6	8.4	8.5	7.6	7.0	7.6	8.7	8.9	8.0	7.5	8.1	8.5	8.8	7.8	9.6	8.8	24
3/4/2024	9.8	9.7	9.7	8.6	8.0	9.1	8.3	7.3	6.6	7.7	9.6	10.6	11.2	11.8	11.5	9.5	8.7	8.1	5.8	5.0	5.8	6.3	6.9	7.3	8.5	24
3/5/2024	7.4	7.6	8.3	10.7	6.5	8.8	7.1	6.0	7.4	9.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.9	10
3/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5	0.4	0.5	0.6	0.0	0.4	0.0	0.0	0.0	0.4	9
3/9/2024	0.6	0.3	1.2	2.5	1.4	2.4	3.4	4.5	5.4	5.6	6.3	5.2	3.8	4.9	4.3	4.7	3.7	3.2	1.0	2.4	2.2	2.7	2.7	3.1	3.2	24
3/10/2024	3.1	1.6	2.2	2.0	2.3	1.3	1.2	1.2	0.2	1.8	2.3	3.1	3.8	3.7	4.1	4.1	3.9	4.1	4.0	3.9	3.4	3.2	3.3	3.8	2.8	24
3/11/2024	3.8	3.8	3.7	3.4	3.1	3.0	2.7	3.2	4.0	4.1	4.5	4.9	5.6	5.4	5.0	5.0	5.8	5.0	4.5	7.1	4.0	3.2	3.2	3.6	4.2	24
3/12/2024	5.3	4.8	5.6	4.6	4.7	5.1	4.9	5.1	4.2	4.5	5.1	8.4	12.4	10.2	18.8	52.2		24.4	7.3	5.2	3.3	2.9	2.7	2.8	8.9	23
3/13/2024	2.2	2.2	2.3	2.6	2.7	3.8	4.7	5.0	9.2	15.1	18.9	18.0	15.5	17.3	16.9	16.5	13.3	10.4	9.0	10.4	12.9	14.8	14.0	14.4	10.5	24
3/14/2024	15.0	14.9	14.5	14.8	15.3	16.5	19.8	21.5	43.5	53.5	47.1	24.8	21.6	18.8	17.9	18.1	17.9	15.0	16.5	18.3	21.6	27.4	26.5	23.3	22.7	24
3/15/2024	21.5	19.8	17.7	16.4	16.3	17.7	19.7	18.3	12.8	9.5	9.0	9.0	16.6	24.4	11.2	8.5	8.8	9.7	10.4	12.4	11.5	10.1	7.9	7.5	13.6	24
3/16/2024	8.5	7.3	6.1	5.4	5.3	5.3	5.8	6.5	6.6	6.2	5.6	5.8	5.3	4.6	4.6	4.9	5.0	4.7	4.4	5.7	5.0	5.0	5.5	5.7	5.6	24
3/17/2024	5.4	5.2	5.0	5.2	5.5	5.9	6.0	6.3	6.4	5.9	5.6	5.4	5.6	5.2	5.0	4.9	5.0	4.8	4.9	5.2	3.9	4.0	4.1	3.7	5.2	24
3/18/2024	3.7	3.6	3.4	3.2	3.2	3.6	4.2	4.8	5.9	7.3	7.2	7.8	7.4	7.2	7.7	7.9	7.7	6.1	5.7	4.7	4.4	4.6	4.7	4.8	5.4	24
3/19/2024	4.7	4.3	4.0	3.9	3.8	3.6	3.7	4.1	4.7	4.9	5.6	5.4	5.6	5.5	5.7	6.1	6.3	17.4	21.6	10.4	7.7	6.4	6.0	6.8	6.6	24
3/20/2024	8.4	8.6	8.9	9.7	11.8	14.7	15.1	16.5	18.7	18.5	14.9	14.4	12.7	12.4	15.2	55.8	15.7	8.9	7.6	7.4	7.4	8.0	8.2	9.9	13.7	24
3/21/2024	12.0	13.8	17.8	22.2	21.8	22.4	27.1	23.4	23.9	28.8	29.1	23.3	15.0	12.1	18.2	21.3	24.2	27.1	41.7	24.8	19.1	10.0	5.6	4.5	20.4	24
3/22/2024	4.5	5.0	5.8	6.1	6.2	6.3	7.0	7.7	9.6	9.5	7.9	6.9	5.2	2.3	1.4	2.4	0.4	0.7	2.1	1.8	2.1	2.2	2.6	3.6	4.6	24
3/23/2024	4.2	3.8	3.8	3.8	4.4	5.2	5.4	1.4	0.8	1.3	2.2	3.3	4.0	5.2	6.2	6.7	4.5	3.2	3.1	2.4	2.6	2.6	3.3	3.5	3.6	24
3/24/2024	4.3	7.5	10.4	9.9	5.2	4.5	4.1	4.1	4.5	5.1	5.7	6.1	6.3	6.3	6.3	5.5	4.9	5.2	4.0	3.1	3.1	3.0	3.0	3.0	5.2	24
3/25/2024	2.8	3.1	3.2	3.1	3.2	3.0	3.2	3.1	3.6	3.7	4.0	3.7	3.9	3.8	5.7	10.7	2.9	2.5	3.2	4.8	2.7	2.8	2.6	2.4	3.6	24
3/26/2024	2.4	2.7	2.7	2.8	3.1	3.4	3.1	3.4	3.3	3.0	3.2	3.4	3.2	3.1	2.7	2.6	2.6	2.4	4.6	2.4	2.0	1.8	1.5	1.4	2.8	24
3/27/2024	1.7	1.4	2.9	9.5	11.7	13.4	3.8	1.7	8.2	2.1	5.5	3.8	5.1	6.5	8.1	4.7	4.8	10.4	9.0	8.6	7.0	5.7	4.6	5.1	6.1	24
3/28/2024	4.0	2.3	2.1	1.4	0.7	0.3	1.6	3.6	3.7	5.1	4.9	5.1	6.1	6.0	5.2	5.2	5.0	4.9	5.0	5.0	4.3	4.8	6.0	6.3	4.1	24
3/29/2024	6.5	4.9	4.9	4.8	4.7	4.7	4.7	5.4	5.9	6.2	5.8	5.5	5.8	6.0	5.9	7.4	7.0	7.9	10.3	5.5	6.1	6.4	4.5	4.1	5.9	24
3/30/2024	4.9	4.7	4.3	4.0	3.9		5.3	5.9	5.0	5.0	6.0	6.9	7.3	7.9		9.1	11.0	10.5	9.6	9.4	9.7	9.6	8.8	8.9	7.2	22
3/31/2024						6.6	6.5	5.6	4.9	5.4	5.8	5.7	5.8	6.5	6.6	6.5	6.4	6.1	5.6	--	--	--	--	--	6.0	14
avg	6.2	6.1	6.4	6.9	6.8	7.3	7.2	7.0	8.1	8.9	9.1	8.1	7.8	7.9	8.1	10.7	7.2	7.8	7.8	6.8	6.3	6.2	6.0	6.1	7.2	
min	0.6	0.3	1.2	1.4	0.7	0.3	1.2	1.2	0.2	1.3	2.2	2.8	2.6	1.8	1.4	0.3	0.4	0.5	0.6	0.0	0.4	0.0	0.0	0.0	0.4	
max	21.5	19.8	17.8	22.2	21.8	22.4	27.1	23.4	43.5	53.5	47.1	24.8	21.6	24.4	18.8	55.8	24.2	27.1	41.7	24.8	21.6	27.4	26.5	23.3	22.7	654

Community monitoring program began on March 8, 2024

Saroad Table - Corrected Hourly PM2.5 Data
March 2024

Location Carver Village **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2024	4.8	5.2	5.8	7.0	7.8	8.4	7.1	4.2	2.8	2.8	2.4	3.0	2.8	2.1	1.8	0.6	1.1	1.3	2.0	4.5	3.5	4.7	6.7	6.6	4.1	24
3/2/2024	5.7	5.1	5.9	7.9	10.0	8.1	7.0	7.3	7.9	9.8	12.4	11.4	6.9	6.7	7.1	8.4	7.6	6.8	6.9	6.8	6.5	7.6	8.3	10.0	7.8	24
3/3/2024	9.3	10.8	10.7	11.5	10.6	9.8	10.4	9.6	8.3	6.7	8.7	8.6	7.6	7.0	7.7	8.6	9.0	8.0	7.5	8.1	8.6	8.9	7.7	9.6	8.9	24
3/4/2024	9.7	9.6	9.6	8.4	8.1	9.0	8.3	7.4	6.5	7.8	9.7	10.6	11.1	11.7	11.7	9.6	8.9	8.2	6.0	5.1	5.8	6.4	6.9	7.5	8.5	24
3/5/2024	7.6	7.6	8.5	10.6	6.6	8.9	7.3	6.1	7.3	9.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.0	10
3/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/8/2024	--	--	--	--	--	--	--	--	--	2.1	2.6	3.9	2.3	1.8	1.9	1.8	1.6	1.4	1.1	1.1	1.2	0.9	0.8	0.7	1.7	15
3/9/2024	0.9	1.3	1.4	1.8	2.3	3.0	4.0	5.0	7.2	6.4	5.5	5.3	5.3	6.1	6.1	5.4	4.4	3.9	3.3	3.5	4.0	4.2	4.3	4.3	4.1	24
3/10/2024	3.8	3.1	2.8	3.0	2.9	2.4	2.4	2.0	1.8	2.3	3.2	4.1	4.2	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.2	4.3	3.6	24
3/11/2024	4.4	4.4	4.7	4.1	3.5	3.7	4.1	5.3	4.1	4.5	4.6	4.9	5.3	5.5	5.3	5.1	6.1	9.6	5.8	4.0	3.7	3.6	4.3	3.8	4.8	24
3/12/2024	3.8	3.8	3.4	5.3	6.1	6.3	6.9	8.0	5.7	5.3	5.6	6.3	7.4	9.5	16.8	59.0	60.4	7.5	6.7	4.5	3.0	3.3	3.0	2.7	10.4	24
3/13/2024	2.3	2.4	2.6	2.8	4.6	5.1	5.5	8.5	10.7	14.5	20.9	20.1	16.8	16.2	17.6	14.5	10.9	9.3	8.7	9.8	10.0	10.0	10.5	11.1	10.2	24
3/14/2024	13.0	14.5	14.2	14.7	14.8	16.4	18.6	20.6	24.6	45.5	46.6	23.8	20.4	20.4	21.0	18.6	16.5	15.0	16.2	19.6	22.8	20.2	18.4	18.3	20.6	24
3/15/2024	17.6	16.1	14.7	13.0	14.2	16.6	19.3	20.9	11.4	9.3	8.7	12.8		44.8	12.8	8.9	8.7	9.9	11.0	10.9	10.6	10.2	8.3	7.0	13.8	23
3/16/2024	7.6	8.1	6.2	6.0	6.1	6.1	6.1	6.3	7.1	6.6	5.9	5.6	5.6	5.1	5.0	4.9	4.9	4.4	4.6	7.3	7.6	9.6	7.2	7.0	6.3	24
3/17/2024	7.0	7.1	6.8	6.4	6.1	6.0	6.2	6.6	6.8		5.8	5.8	--	--	--	--	--	--	--	--	--	--	--	--	6.4	11
3/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/19/2024	--	--	--	--	--	--	--	5.0	--	--	5.5	--	--	--	5.4	5.9	11.2	20.3	18.1	7.0	6.3	7.5	6.9	9.6	9.0	12
3/20/2024	10.9	10.6	10.8	12.2	13.6	14.9	15.6	16.2	18.3	19.2	15.5	14.3	12.7	11.6	26.6	73.3	11.0	8.3	7.1	7.8	10.8	12.3	10.4	10.4	15.6	24
3/21/2024	12.2	16.5	20.2	21.7	21.7	22.4	23.6	23.5	23.7	27.3	29.1	20.0	14.5	13.3	19.4	21.1	23.6	25.4	25.3	21.4	18.5	8.0	5.2	4.7	19.3	24
3/22/2024	4.7	5.5	6.7	7.2	5.8	5.2	6.5	10.0	8.8	9.3	7.6	6.6	3.8	2.4	1.5	1.4	0.7	0.9	0.8	1.5	2.1	2.6	3.1	3.6	4.5	24
3/23/2024	3.8	3.6	3.8	4.9	5.2	5.6	5.6	2.3	0.9	1.1	2.4	3.9	4.2	5.2	6.3	7.9	5.3	3.7	3.3	3.3	3.4	3.7	3.1	4.3	4.0	24
3/24/2024	5.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.3	1
3/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.6	2.4	1.9	1.8	0.5	--	--	--	--	--	1.8	5
3/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.6	1.6	1.4	1.2	1.1	1.0	1.3	6
3/27/2024	0.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.1			--	--	--	0.5	2
3/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--							--	0
3/29/2024		--	--	--	--	--	--	--	--	--	--	--	--	5.8	5.5	5.2	4.6	4.1	4.0	3.9	3.7	3.6	3.2	3.0	4.2	11
3/30/2024	3.1										4.8											--	--	--	4.0	2
3/31/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	6.6	7.5	7.7	8.3	8.3	8.8	9.1	9.2	9.1	10.6	10.4	9.5	8.2	10.0	9.3	13.3	10.1	7.7	6.6	6.8	6.9	6.6	6.2	6.5	7.3	
min	0.9	1.3	1.4	1.8	2.3	2.4	2.4	2.0	0.9	1.1	2.4	3.0	2.3	1.8	1.5	0.6	0.7	0.9	0.1	1.1	1.2	0.9	0.8	0.7	0.5	
max	17.6	16.5	20.2	21.7	21.7	22.4	23.6	23.5	24.6	45.5	46.6	23.8	20.4	44.8	26.6	73.3	60.4	25.4	25.3	21.4	22.8	20.2	18.4	18.3	20.6	458

Community monitoring program began on March 8, 2024

Saroad Table - Corrected Hourly PM2.5 Data
March 2024

Location Woodville **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2024	4.7	5.0	5.6	6.7	7.6	8.2	6.7	4.1	2.8	2.6	2.2	2.8	2.5	1.8	1.5	0.4	0.9	1.1	1.7	4.2	3.1	4.5	6.7	6.6	3.9	24
3/2/2024	5.7	5.2	5.9	7.7	10.0	8.1	7.0	7.4	8.0	9.8	12.5	11.0	6.8	6.7	7.0	8.3	7.4	6.7	6.9	6.6	6.3	7.5	8.2	10.1	7.8	24
3/3/2024	9.5	11.0	10.9	11.5	10.5	9.7	10.4	9.7	8.5	6.9	8.8	8.5	7.8	7.1	7.5	8.5	9.0	7.9	7.5	8.1	8.6	8.8	7.6	9.5	8.9	24
3/4/2024	9.5	9.4	9.4	8.3	8.0	8.8	7.9	7.0	6.4	7.7	9.6	10.3	11.0	11.5	11.1	9.1	8.3	7.8	5.5	4.9	5.5	6.1	6.8	7.5	8.2	24
3/5/2024	7.5	7.6	8.3	10.6	6.3	8.7	7.2	6.0	7.2	9.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.9	10
3/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/7/2024	--	--	--	--	--	--	5.2	--	--	--	5.8	5.2	4.9	6.0	5.4	4.8	4.5	4.0	4.4	4.5	5.1	5.9	7.0	8.7	5.4	15
3/8/2024	10.3	10.9	8.7	9.3	7.9	--	--	--	--	--	--	--	--	1.7	1.8	1.7	1.5	1.2	1.0	0.8	0.7	0.5	0.7	1.0	3.7	16
3/9/2024	1.0	1.0	1.4	1.6	1.9	2.8	3.7	5.0	5.8	7.4	6.5	4.6	4.7	5.5	5.0	4.8	4.1	3.8	2.7	3.0	3.0	3.3	4.4	4.4	3.8	24
3/10/2024	3.6	2.9	2.7	2.8	2.7	2.3	2.4	2.0	2.0	2.6	3.2	3.8	4.1	4.3	4.4	4.4	4.3	4.5	5.1	4.3	4.2	4.2	4.2	4.3	3.6	24
3/11/2024	4.2	4.1	4.1	3.8	3.6	3.2	3.5	4.4	4.7	4.5	4.7	4.9	4.8	5.0	5.0	5.0	6.6	7.1	5.3	4.1	4.1	4.0	4.1	4.3	4.5	24
3/12/2024	4.5	2.7	2.8	4.2	4.7	4.5	4.7	5.5	5.8	5.1	5.3	6.0	8.9	11.3				10.7	6.2	3.6	2.4	3.1	2.7	2.4	5.1	21
3/13/2024	2.4	2.8	3.2	2.8	3.1	3.9	5.1	6.8	8.9	13.2	18.4	18.3	14.0	15.5	16.5	15.7	11.1	9.1	8.0	8.9	10.0	10.9	10.6	12.0	9.6	24
3/14/2024	13.3	13.8	13.9	15.3	16.2	15.8	18.4	21.4	25.9				19.9	17.7	17.2	16.5	15.6	13.2	14.7	19.6	20.1	19.5	18.5	18.2	17.4	21
3/15/2024	21.2	19.6	16.9	14.7	14.4	16.0	17.1	17.7	11.3	8.7	8.1	14.3			9.8	8.4	8.4	11.6	10.2	10.2	10.8	10.0	8.1	6.8	12.5	22
3/16/2024	7.5	7.6	6.3	5.8	5.5	5.9	6.1	6.5	7.4	7.0	6.3	5.7	5.1	4.7	4.8	4.9	5.0	4.5	4.3	4.1	4.9	5.6	6.0	6.7	5.8	24
3/17/2024	5.9	5.3	5.5	5.7	6.4	6.5	6.2	6.7	6.8	6.1	6.0	5.6	5.5	5.2	5.0	4.9	4.9	4.8	6.0	5.5	4.0	4.1	4.2	3.8	5.5	24
3/18/2024	3.8	4.3	3.7	3.2	3.3	3.8	4.3	5.8	6.7	7.2	7.0	7.2	7.0	7.1	7.7	8.2	7.7	6.1	5.5	4.8	4.5	4.5	4.8	4.8	5.5	24
3/19/2024	4.8	4.6	4.4	4.2	4.1	3.9	3.8	4.3	5.2	5.3	5.4	5.2	5.2	5.3	5.6	5.8	8.9	22.2	20.4	7.2	6.4	5.4	7.3	7.2	6.8	24
3/20/2024	9.0	9.9	10.5	12.0	11.9	13.9	14.8	15.0	17.2	18.3	14.6	13.4	11.8	10.8			11.6	7.9	6.6	7.0	7.0	7.1	7.5	9.5	11.2	22
3/21/2024	10.4	14.4	20.5	20.7	20.7	21.1	21.4	22.0	22.6			18.8	12.4	11.7	18.0		22.9	24.2	24.5	19.8	16.7	6.3	4.6	4.6	17.1	21
3/22/2024	5.9	5.3	5.0	5.2	5.3	5.6	6.4	7.6	8.0	10.4	7.1	5.9	3.7	2.3	1.1	1.1	0.2	0.6	0.5	1.0	1.5	2.2	2.7	3.3	4.1	24
3/23/2024	3.6	3.4	3.6	4.3	5.6	6.0	5.5	2.1	1.4	1.8	2.9	3.5	3.9	4.9	5.6	6.7	4.7	3.2	3.2	2.6	2.6	2.8	2.6	3.0	3.7	24
3/24/2024	3.7	6.7	9.8	9.9	5.4	4.4	4.2	4.3	4.7	5.3	5.7	5.8	6.1	6.2	5.5	4.6	4.0	3.7	5.8	3.3	3.1	3.0	3.1	3.1	5.0	24
3/25/2024	3.0	3.2	3.1	3.3	3.6	3.0	2.8	3.1	3.7	3.8	3.5	3.7	3.9	8.1	5.1	3.1	2.4	2.1	2.3	2.2	2.6	2.5	2.3	2.2	3.3	24
3/26/2024	2.2	2.4	2.3	2.7	3.1	2.6	2.8	2.7	3.0	2.8	3.2	3.3	2.9	2.9	2.7	2.6	2.4	2.2	2.2	1.9	1.8	1.4	1.2	1.1	2.4	24
3/27/2024	1.1	1.1	1.0	1.1	1.1	1.0	12.7	11.0	1.7	3.5	6.3		5.6	5.8	4.4	4.2	13.9	4.8	9.8	7.5	10.2	4.6	9.6	8.7	5.7	23
3/28/2024	4.5	2.8	2.1	1.4	0.8	0.3	1.3	3.8	3.0	4.3	3.7	3.8	5.4	5.4	4.8	4.5	4.2	4.3	4.8	3.9	3.9	4.4	4.7	6.8	3.7	24
3/29/2024	6.4	5.3	5.0	4.9	4.9	5.0	5.5	6.3	5.9	5.9	5.7	5.8	5.7	5.6	5.9	7.1	4.8	4.3	4.1	4.6	4.9	--	--	--	5.4	21
3/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/31/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	6.3	6.4	6.5	6.8	6.6	6.7	7.3	7.6	7.5	6.6	6.8	7.4	6.9	6.9	6.7	6.1	6.9	6.8	6.6	5.9	5.9	5.5	5.8	6.2	6.7	
min	1.0	1.0	1.0	1.1	0.8	0.3	1.3	2.0	1.4	1.8	2.2	2.8	2.5	1.7	1.1	0.4	0.2	0.6	0.5	0.8	0.7	0.5	0.7	1.0	2.4	
max	21.2	19.6	20.5	20.7	20.7	21.1	21.4	22.0	25.9	18.3	18.4	18.8	19.9	17.7	18.0	16.5	22.9	24.2	24.5	19.8	20.1	19.5	18.5	18.2	17.4	624

Community monitoring program began on March 7, 2024

Saroad Table - Corrected Hourly PM2.5 Data
March 2024

Location GA DNR **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2024	4.8	5.1	5.8	7.1	8.0	8.6	7.2	4.3	2.8	2.7	2.5	3.0	2.8	2.0	1.7	0.5	1.1	1.2	1.9	4.4	3.5	4.8	6.7	6.7	4.1	24
3/2/2024	5.7	5.0	6.0	8.0	10.0	8.1	6.9	7.2	7.9	9.5	12.5	11.4	6.9	6.8	7.1	8.4	7.5	6.8	6.9	6.8	6.6	7.6	8.2	10.0	7.8	24
3/3/2024	9.3	10.8	10.6	11.5	10.6	9.8	10.4	9.5	8.2	6.7	8.7	8.6	7.7	7.1	7.7	8.6	9.0	8.0	7.5	8.1	8.6	8.7	7.8	9.6	8.9	24
3/4/2024	9.7	9.7	9.7	8.4	7.9	9.0	8.3	7.4	6.7	7.8	9.6	10.6	11.4	11.9	11.7	9.6	8.7	8.1	5.9	5.0	5.8	6.3	6.8	7.3	8.5	24
3/5/2024	7.5	7.6	8.3	10.6	6.6	8.8	7.2	6.1	7.5	9.7	--	--	--	--	5.4	4.9	4.0	3.8	3.5	3.1	3.2	4.0	4.0	3.5	6.0	20
3/6/2024	3.0	4.2	3.9	3.3	3.5	1.5	0.8	1.2	0.8	1.0	2.0	2.9	2.9	3.2	4.0	4.6	4.2	4.0	3.5	3.3	3.4	3.4	3.2	2.5	2.9	24
3/7/2024	2.8	2.7	2.8	3.5	4.4	4.8	5.7	6.3	7.6	5.8	7.4	5.2	5.2	5.4	5.6	5.4	5.2	4.4	5.1	4.8	6.3	6.6	8.0	10.5	5.5	24
3/8/2024	10.1	10.6	8.8	12.9	6.5	5.2	4.4	3.7	2.5	2.1	2.8	2.9	2.1	1.5	1.6	1.8	1.3	0.8	0.6	0.4	0.4	0.2	0.4	0.5	3.5	24
3/9/2024	0.7	0.7	1.2	1.7	1.8	2.1	3.4	4.9	6.1	7.1	4.9	5.1	5.3	6.3	5.9	5.4	4.4	4.5	4.3	4.5	3.0	3.4	4.1	4.1	4.0	24
3/10/2024	3.8	3.0	2.9	2.9	2.7	2.4	2.3	1.8	2.1	2.6	3.1	3.8	4.2	4.4	4.7	4.8	4.9	4.8	4.6	4.4	4.4	4.5	4.4	4.4	3.7	24
3/11/2024	4.3	4.1	4.2	4.0	3.9	3.5	3.6	4.6	4.4	4.1	4.4	4.8	5.4	5.2	5.3	5.3	6.4	7.8	5.6	4.0	3.3	4.8	6.9	7.0	4.9	24
3/12/2024	5.4	3.4	3.9	4.7	4.5	5.2	5.1	6.4	6.0	5.4	5.6	6.1	9.5	11.7	19.2	58.0	64.7	12.1	6.8	4.1	2.9	3.5	3.0	2.3	10.8	24
3/13/2024	2.3	2.5	3.5	3.6	3.9	4.0	5.0	7.5	10.1	15.0	20.2	20.1	15.8	16.4	18.3	15.6	12.3	9.6	8.6	9.5	10.6	11.1	10.3	12.2	10.3	24
3/14/2024	13.9	14.4	14.8	15.8	17.2	18.0	21.3	22.7	27.0	29.1	45.0	25.5	20.7	20.9	21.9	20.3	17.6	15.2	15.6	18.5	21.6	19.2	17.9	18.1	20.5	24
3/15/2024	18.4	16.7	15.9	14.7	15.4	15.4	17.9	18.3	11.2	9.3	9.0	14.5		53.4	11.1	8.8	8.9	9.7	10.3	11.6	10.8	9.1	7.5	6.8	14.1	23
3/16/2024	7.8	7.6	6.1	5.8	5.7	5.8	6.1	6.4	7.0	6.5	5.9	5.8	5.5	4.9	5.2	5.5	5.5	4.8	4.4	4.4	5.2	6.0	7.0	6.9	5.9	24
3/17/2024	6.7	6.1	6.2	6.1	6.0	5.9	6.3	6.8	6.4	5.9	6.1	5.5	5.7	5.6	5.6	5.4	5.1	5.0	5.4	5.7	4.0	4.3	4.4	4.1	5.6	24
3/18/2024	4.0	4.2	3.5	3.1	3.3	3.7	4.4	5.1	6.6	7.4	6.9	7.8	7.5	7.4	8.3	8.7	8.3	6.8	5.8	5.1	4.7	4.8	4.9	5.0	5.7	24
3/19/2024	4.9	4.5	4.7	4.2	4.4	4.0	4.7	5.3	5.0	5.0	5.2	5.4	5.5	5.7	6.1	6.3	8.5	22.3	21.9	7.0	7.0	5.9	8.1	9.0	7.1	24
3/20/2024	10.0	10.5	11.0	11.8	13.1	15.1	15.8	16.6	18.3	19.2	15.2	14.2	12.4	11.4	19.2	67.6	13.5	8.7	7.2	7.5	7.2	7.9	8.8	10.5	14.7	24
3/21/2024	11.7	16.9	22.5	22.7	22.5	22.5	23.4	24.0	24.2	28.8	43.6	21.1	13.6	13.1	20.4	22.4	24.1	26.2	25.8	21.3	17.7	7.0	4.9	4.8	20.2	24
3/22/2024	5.9	5.1	5.4	5.0	5.5	5.9	6.8	8.1	8.4	9.6	7.9	6.3	4.0	2.1	1.3	1.5	0.0	0.0	0.3	0.9	1.6	2.2	2.8	3.2	4.2	24
3/23/2024	3.4	3.4	3.3	4.1	5.1	5.4	5.0	1.8	1.3	1.5	2.5	3.4	4.1	5.3	6.2	7.1	4.7	3.4	3.0	2.7	2.5	2.9	2.8	3.4	3.7	24
3/24/2024	3.5	6.5	9.5	9.7	6.7	5.7	5.3	5.7	6.0	5.3	5.7	6.0	6.4	6.4	6.1	5.3	4.5	4.1	3.1	2.8	2.8	2.8	2.9	2.8	5.2	24
3/25/2024	2.8	2.7	2.7	2.7	3.3	3.4	3.4	2.9	3.2	3.0	3.4	3.5	3.6	8.3	4.1	2.9	2.2	1.8	2.0	1.9	2.4	2.2	2.1	1.9	3.0	24
3/26/2024	1.8	2.1	2.0	2.3	2.9	2.4	2.8	2.6	2.8	2.9	3.1	3.3	3.2	3.0	3.1	2.8	2.7	2.3	2.3	1.9	1.7	1.5	1.4	1.3	2.4	24
3/27/2024	1.3	1.2	1.3	1.3	1.2	1.1	1.3	1.6	1.9	2.0	6.0	12.4	18.2	7.8	4.9	4.6	5.4	5.4	5.9	4.7	5.1	3.7	9.7	13.8	5.1	24
3/28/2024	4.5	2.3	0.8	4.9	7.2	7.0	7.5	10.0	8.4	9.5	8.6	8.5	9.5	9.3	8.3	8.0	7.9	8.5	8.7	9.7	9.9	10.1	11.7	12.6	8.1	24
3/29/2024	11.4	9.0	8.4	8.3	8.4	8.5	8.7	9.2	9.5	8.6	7.4	7.0	7.1	6.8	7.2	8.9	7.1	7.0	7.1	7.5	7.4	7.3	9.5		8.1	23
3/30/2024		11.9	9.8	10.2	9.9	9.8	9.8	10.0	8.9	7.9	7.8	8.3	8.5	8.5	8.7	9.7	11.8	12.4	12.0	14.9	15.9	11.5	26.7	23.0	11.6	23
3/31/2024	29.0	18.4	12.0	11.1	11.3	12.0	13.4	9.9	9.0	8.7	8.8	8.5	8.1	8.6	8.5	8.3	8.5	8.6	8.6	--	--	--	--	--	11.1	19
avg	7.0	6.9	6.8	7.3	7.2	7.3	7.6	7.7	7.7	8.1	9.4	8.4	7.7	9.0	8.2	10.9	9.0	7.4	6.9	6.3	6.3	5.9	6.9	7.2	7.7	
min	0.7	0.7	0.8	1.3	1.2	1.1	0.8	1.2	0.8	1.0	2.0	2.9	2.1	1.5	1.3	0.5	0.0	0.0	0.3	0.4	0.4	0.2	0.4	0.5	2.4	
max	29.0	18.4	22.5	22.7	22.5	22.5	23.4	24.0	27.0	29.1	45.0	25.5	20.7	53.4	21.9	67.6	64.7	26.2	25.8	21.3	21.6	19.2	26.7	23.0	20.5	732

Community monitoring program began on March 7, 2024

Saroad Table - Corrected Hourly PM2.5 Data
March 2024

Location West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2024	4.7	5.0	5.6	6.7	7.5	8.0	6.8	4.1	2.7	2.6	2.4	2.9	2.6	1.9	1.6	0.4	1.0	1.0	1.8	4.2	3.4	4.5	6.7	6.5	3.9	24
3/2/2024	5.6	5.0	5.9	7.7	9.7	7.9	6.8	7.0	7.8	9.5	12.4	10.7	6.7	6.5	7.0	8.2	7.3	6.6	6.7	6.6	6.3	7.5	8.0	9.6	7.6	24
3/3/2024	9.0	10.5	10.3	11.2	10.3	9.4	10.1	9.3	8.0	6.5	8.3	8.3	7.5	6.7	7.5	8.4	8.7	7.7	7.3	7.9	8.2	8.4	7.4	9.2	8.6	24
3/4/2024	9.3	9.2	9.3	8.1	7.7	8.7	7.9	7.0	6.3	7.5	9.4	10.3	10.9	11.5	11.3	9.3	8.5	7.9	5.6	4.9	5.6	6.2	6.6	7.1	8.2	24
3/5/2024	7.2	7.2	8.0	10.1	6.4	8.5	7.0	5.8	7.1	9.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.7	10
3/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	4.7	4.7	5.3	5.3	5.0	5.1	5.5	5.5	6.6	7.1	8.1	9.7	6.0	12
3/8/2024	9.9	9.4	9.1	9.2	4.6	3.8	3.2	2.8	3.0	2.7	3.0	3.5	2.1	1.7	1.8	1.8	1.5	1.4	1.0	0.7	0.7	0.6	0.6	--	3.4	23
3/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/19/2024	--	--	--	--	--	--	--	--	--	--	--	5.4	5.4	5.5	5.9	5.8	8.9	19.7	18.0	6.7	6.4	7.6	6.5	8.9	8.5	13
3/20/2024	10.1	10.1	10.4	11.6	13.2	14.4	15.3	15.9	17.7	18.9	15.1	14.0	12.3	11.3	18.7	70.1	12.0	8.4	6.8	7.5	9.1	11.1	11.6	10.2	14.8	24
3/21/2024	11.6	16.5	21.1	21.9	21.6	21.9	21.8	22.4	23.4	28.9	28.3	19.5	12.7	13.1	19.3	21.3	22.8	24.8	24.5	20.6	15.9	6.1	4.2	4.5	18.7	24
3/22/2024	4.6	4.2	4.2	4.7	4.8	4.7	5.9	7.1	7.7	8.9	7.4	6.0	3.7	2.1	1.7	1.5	0.5	0.5	0.6	1.2	1.7	2.3	2.9	3.4	3.8	24
3/23/2024	3.6	3.6	3.9	4.6	5.2	5.6	5.5	1.9	0.8	1.5	2.6	3.5	3.9	5.4	6.2	7.3	4.8	3.3	3.5	2.6	2.4	2.4	2.3	2.9	3.7	24
3/24/2024	3.5	6.1	9.2	8.7	5.0	4.0	3.9	3.9	4.4	5.2	5.8	6.1	6.5	6.4	5.7	5.1	4.3	3.8	3.1	2.8	2.8	2.7	2.8	2.6	4.8	24
3/25/2024	2.7	2.9	2.9	2.8	3.1	2.7	2.4	2.7	3.1	3.4	3.5	3.6	4.0	7.4	3.4	2.9	2.3	2.0	2.4	2.4	2.7	2.5	2.3	2.1	3.0	24
3/26/2024	2.1	2.3	2.4	2.4	3.6	2.7	2.5	2.7	2.9	3.0	3.2	3.4	3.1	3.1	2.8	2.7	2.8	2.6	2.4	2.1	1.9	1.8	1.5	1.5	2.6	24
3/27/2024	1.6	1.4	1.4	1.6	1.5	1.5	1.5	1.6	1.6	1.9	2.7	9.8	21.2	14.4	4.6	4.6	4.5	4.6	4.6	5.9	5.5	4.5	6.6	9.0	4.9	24
3/28/2024	5.9	4.5	2.1	1.6	1.6	1.8	2.2	5.0	3.3	4.6	3.4	3.6	5.1	5.3	5.2	4.6	4.5	4.7	4.9	4.6	5.4	5.9	5.2	18.6	4.7	24
3/29/2024	6.4	5.0	5.4	4.2	4.1	3.9	4.0	4.6	4.8	5.4	5.4	5.5	5.6	5.9	6.0	6.1	5.4	4.9	5.3	14.4	6.2	4.7	3.8	3.3	5.4	24
3/30/2024	3.4	53.0	163.5	13.4	19.7	67.8	5.4	12.1	5.0	5.4	5.9	6.8	7.5	7.7	8.6	8.7	10.6	11.9	18.6	21.2	7.8	6.2	6.1	15.5	20.5	24
3/31/2024	17.1	21.7	43.4	12.6	9.7	21.5	48.1	6.5	4.7	5.2	5.8	5.6	5.6	6.0	6.5	6.5	6.8	5.6	6.1	5.7	7.3	6.6	4.5	--	11.7	23
avg	6.6	9.9	17.7	8.0	7.7	11.0	8.9	6.8	6.4	7.2	7.3	7.1	6.9	6.7	6.8	9.5	6.4	6.7	6.8	6.7	5.6	5.2	5.1	7.3	7.6	
min	1.6	1.4	1.4	1.6	1.5	1.5	1.5	1.6	0.8	1.5	2.4	2.9	2.1	1.7	1.6	0.4	0.5	0.5	0.6	0.7	0.7	0.6	0.6	1.5	2.6	
max	17.1	53.0	163.5	21.9	21.6	67.8	48.1	22.4	23.4	28.9	28.3	19.5	21.2	14.4	19.3	70.1	22.8	24.8	24.5	21.2	15.9	11.1	11.6	18.6	20.5	441

Community monitoring program began on March 7, 2024

Saroad Table - Corrected Hourly PM2.5 Data
March 2024

Location Brickyard **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2024	4.8	5.2	5.7	7.1	7.9	8.6	7.3	4.3	2.8	2.8	2.5	3.1	2.8	2.0	1.7	0.6	1.1	1.4	2.0	4.8	3.7	5.0	7.4	7.3	4.3	24
3/2/2024	6.2	5.5	6.4	8.3	10.7	8.9	7.5	7.8	8.6	10.4	13.4	11.8	7.3	7.3	7.6	9.2	8.1	7.3	7.3	7.3	7.0	8.2	9.0	10.9	8.4	24
3/3/2024	10.3	11.8	11.8	12.6	11.4	10.5	11.1	10.5	9.1	7.4	9.6	9.4	8.4	7.7	8.3	9.3	9.8	8.7	8.1	8.8	9.3	9.6	8.3	10.2	9.7	24
3/4/2024	10.3	10.4	10.3	9.0	8.7	9.7	8.9	8.0	7.2	8.5	10.4	11.4	11.9	12.6	12.1	9.8	9.1	8.5	6.1	5.5	6.2	6.9	7.6	8.1	9.0	24
3/5/2024	8.1	8.2	9.0	11.3	6.9	9.6	7.6	6.5	8.1	10.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.6	10
3/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	2.7	9.4	1.9	1.4	2.8	1.0	0.6	1.3	0.9	0.1	0.5	0.0	1.9	12
3/9/2024	0.5	0.4	1.1	0.6	2.0	2.1	3.9	5.1	5.5	6.2	5.6	6.0	4.8	6.1	5.8	4.9	3.6	3.4	3.0	3.4	4.5	4.6	4.7	4.5	3.8	24
3/10/2024	3.7	2.9	2.7	2.9	2.7	2.2	2.4	1.8	1.7	2.2	2.7	3.4	3.8	4.0	4.2	4.2	4.4	4.5	4.7	4.4	4.4	4.2	4.2	4.4	3.4	24
3/11/2024	4.4	4.3	4.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.4	3
3/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.7	10.1	20.4	16.0	6.8	6.1	5.7	7.1	8.0	9.5	9
3/20/2024	11.1	10.7	10.9	11.5	13.0	14.6	15.2	16.9	19.2	19.7	15.9	14.4	12.8	11.7	21.4		11.5	8.4	7.0	6.7	7.7	8.6	9.3	10.2	12.5	23
3/21/2024	12.5	15.9	19.4	21.6	22.0	22.6	22.8	26.0	24.6			19.5	12.0	13.9	20.4	22.0	24.7			21.0	17.5	7.1	4.9	4.5	17.7	20
3/22/2024	4.4	5.0	6.0	7.0	5.3	4.9	6.4	7.8	8.0	8.9	7.3	6.5	4.0	2.3	1.7	1.6	0.8	0.8	0.6	1.3	1.8	2.2	2.7	3.5	4.2	24
3/23/2024	3.6	3.6	3.8	4.4	4.9	5.5	5.5	2.3	0.7	1.2	2.2	3.2	3.7	4.9	5.8	7.3	4.8	3.1	2.8	2.8	2.5	2.8	2.8	3.0	3.6	24
3/24/2024	3.9	6.0	9.8	9.3	5.6	4.4	4.3	4.2	4.5	5.1	5.5	6.2	6.0	6.0	5.3	4.7	4.2	4.0	3.6	3.3	3.3	3.1	3.1	3.2	4.9	24
3/25/2024	3.2	3.2	3.1	3.0	3.0	3.1	2.9	3.2	3.4	3.3	3.7	4.8	3.8	3.9	3.5	3.3	2.7	2.6	2.9	2.7	2.9	2.5	2.5	2.3	3.2	24
3/26/2024	2.6	2.7	2.8	3.1	2.6	2.8	2.7	3.3	2.9	3.0	3.2	3.4	3.1	3.1	2.8	2.7	2.8	2.6	2.4	2.3	2.0	1.8	1.6	1.5	2.7	24
3/27/2024	1.6	1.4	1.4	1.5	1.6	1.5	1.3	1.5	1.9	2.0	2.2	6.4	7.7	5.6	5.2	4.8	4.4	4.6	4.4	4.5	4.5	4.1	4.3	5.8	3.5	24
3/28/2024	5.4	5.2	2.2	2.0	2.3	1.8	2.4	4.2	2.7	3.8	3.1	3.1	4.7	5.0	4.8	4.4	4.2	4.5	4.3	3.9	4.5	5.9	6.6	9.0	4.2	24
3/29/2024	7.3	5.2	5.3	4.8	4.9	4.9	4.7	5.0	5.1	5.4	5.2	5.3	5.4	5.8	5.7	5.6	5.1	4.8	4.8	4.9	4.3	3.9	3.8	3.9	5.0	24
3/30/2024	3.6	3.8	4.4	5.1	5.1	4.8	5.6	22.9	17.1	7.0	6.0	6.8	7.7	8.1	8.4	9.7	12.5	13.6	10.9	9.8	7.6	6.6	6.6	6.5	8.3	24
3/31/2024	7.6	8.8	8.3	22.2	20.3	12.4	8.2	13.4	5.5	5.3	5.8	5.8	5.7	6.1	6.6	6.5	6.2	5.5	5.4	5.4	5.8	5.3	4.5	4.1	8.0	24
avg	5.8	6.0	6.5	7.8	7.4	7.1	6.9	8.1	7.3	6.2	6.1	7.2	6.2	6.6	7.0	6.2	6.6	5.8	5.1	5.5	5.3	4.9	5.1	5.5	6.4	
min	0.5	0.4	1.1	0.6	1.6	1.5	1.3	1.5	0.7	1.2	2.2	3.1	2.7	2.0	1.7	0.6	0.8	0.8	0.6	1.3	0.9	0.1	0.5	0.0	1.9	
max	12.5	15.9	19.4	22.2	22.0	22.6	22.8	26.0	24.6	19.7	15.9	19.5	12.8	13.9	21.4	22.0	24.7	20.4	16.0	21.0	17.5	9.6	9.3	10.9	17.7	461

Community monitoring program began on March 8, 2024

Saroad Table - Corrected Hourly PM2.5 Data
March 2024

Location Ocean Terminal **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2024	5.4	5.9	6.6	8.4	9.6	10.5	8.9	5.3	3.9	4.1	3.9	5.0	4.4	3.4	2.9	1.1	1.5	1.7	2.5	5.7	4.2	6.0	9.4	8.7	5.4	24
3/2/2024	7.1	6.4	7.4	9.9	13.7	11.6	10.0	10.3	11.0	13.9	17.9	15.0	8.8	8.5	9.1	11.0	9.5	8.4	8.5	8.3	8.0	9.8	10.9	14.1	10.4	24
3/3/2024		15.6	16.7	17.8	16.1	14.4	15.9	14.4	11.7	9.2	12.3	11.8	10.9	9.5	10.1	11.0	11.6	10.2	9.4	10.4	11.3	12.0	10.1	12.0	12.4	23
3/4/2024	12.3	12.3	12.2	10.7	10.7	12.3	11.2	9.8	9.0	10.8	12.5	13.2	13.7	14.5	13.7	10.7	9.9	9.3	6.8	6.0	6.9	7.8	8.7	9.7	10.6	24
3/5/2024	10.2	10.2	12.1	15.6	9.1	13.2	10.0	8.7	10.4	12.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11.2	10
3/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.1	1.4	1.3	1.3	1.1	0.9	1.0	0.8	0.6	0.6	1.0	10
3/9/2024	1.1	1.3	2.6	3.1	3.4	4.1	5.7	7.2	8.1	8.4	8.7	7.8	6.6	7.4	6.9	5.9	4.8	4.0	3.5	3.8	5.5	5.3	5.8	5.1	5.3	24
3/10/2024	3.8	2.9	2.8	2.6	2.5	2.2	1.9	1.7	1.6	2.0	2.5	3.1	3.7	4.1	4.2	4.4	4.3	4.3	4.4	4.3	4.2	4.1	4.4	4.3	3.3	24
3/11/2024	4.0	3.9	3.4	3.0	3.0	3.6	3.8	3.3	3.1	3.6	4.0	4.2	4.8	5.0	5.2	5.3	5.7	9.7	7.3	4.0	3.9	3.5	3.7	3.4	4.3	24
3/12/2024	3.9	3.3	3.0	8.9	8.0	9.1	13.1	13.3	7.0	5.6	6.0	6.5	8.3	10.0	16.4	61.0		8.7	7.3	4.3	4.2	3.5	2.8	2.8	9.4	23
3/13/2024	2.6	2.5	2.5	3.0	4.9	6.4	7.3	11.9	14.4	18.4	24.9	26.0	21.2	17.6	21.0	14.3	11.6	11.6	10.8	12.4	13.2	12.9	13.9	12.8	12.4	24
3/14/2024	16.0	18.0	17.9	19.0	23.6	27.1	23.5	41.3	46.4	48.2	46.7	47.4	24.4	22.7	22.8	23.8	25.8	20.9	19.0	25.4	23.8	20.2	18.4	16.9	26.6	24
3/15/2024	16.1	14.5	14.0	13.1	15.0	24.0	26.9	20.9	13.2	12.7	10.5	12.8	70.6	56.4	15.1	9.5	9.6	9.6	14.6	13.3	11.8	13.0	10.7	8.9	18.2	24
3/16/2024	9.8	10.1	7.9	7.3	7.6	7.7	7.7	8.3	8.4	7.8	5.6	6.3	5.4	4.6	4.7	5.2	5.2	4.8	4.9	6.3	8.8	8.1	7.7	8.6	7.0	24
3/17/2024	8.6	8.5	8.1	7.5	7.2	7.2	7.5	7.9	7.4	6.1	5.9	5.0	5.8	5.5	5.5	5.3	5.5	5.6	5.7	5.7	4.1	5.1	5.3	4.7	6.3	24
3/18/2024	4.8	5.0	4.1	3.1	3.8	4.1	5.0	6.0	7.0	7.2	7.5	7.5	7.8	6.9	7.2	8.8	7.8	6.6	5.7	5.0	4.6	5.4	5.4	5.5	5.9	24
3/19/2024	5.0	4.5	4.0	4.0	4.1	4.6	2.4	3.6	3.7	4.3	7.6	5.1	5.3	5.6	6.1	6.1	9.2	21.3	19.6	8.4	7.4	6.5	8.1	9.9	6.9	24
3/20/2024	14.3	13.5	13.8	15.8	17.6	18.8	20.0	21.6	23.8	24.6	18.7	16.6	13.7	11.6	18.0	88.9	15.1	9.5	7.7	9.4	11.0	11.6	12.5	12.2	18.3	24
3/21/2024	15.7	22.1	28.3	42.4	42.4	42.6	45.1	47.0	45.9	53.2	51.0	23.5	13.7	17.0	25.6	27.6	44.6	50.5	49.4	39.2	19.9	8.3	5.8	6.0	32.0	24
3/22/2024	6.1	5.7	5.8	6.3	6.4	6.4	7.6	8.9	9.1	9.9	7.9	6.7	4.7	2.5	2.1	2.6	1.9	1.5	1.1	2.6	3.7	3.4	4.4	4.5	5.1	24
3/23/2024	5.7	4.9	4.6	5.2	6.0	6.7	6.5	2.5	1.0	1.3	2.1	2.6	3.3	4.2	4.4	5.9	3.6	1.9	1.6	1.5	1.5	1.7	1.7	2.0	3.4	24
3/24/2024	3.9	5.1	8.5	8.9	5.7	3.8	3.7	3.7	4.1	4.6	5.3	6.1	5.8	5.9	5.3	4.4	3.8	4.0	2.8	2.7	2.8	2.8	2.8	2.8	4.6	24
3/25/2024	2.9	3.5	3.1	3.1	2.9	2.9	2.7	2.7	2.8	2.8	3.8	5.6	3.9	3.8	3.4	3.2	2.3	2.6	3.0	3.3	4.0	3.8	3.8	3.8	3.3	24
3/26/2024	3.9	3.8	4.0	3.9	3.7	3.5	3.6	4.7	3.5	4.1	4.3	4.3	4.1	3.8	3.6	3.4	3.7	4.2	4.2	3.4	3.1	2.4	2.1	2.0	3.6	24
3/27/2024	2.1	2.0	1.9	2.1	2.2	2.2	2.5	2.7	2.8	2.9	3.4	6.7	7.4	6.7	5.3	5.4	5.3	5.6	6.2	6.7	6.0	6.3	5.4	7.4	4.5	24
3/28/2024	5.4	4.8	3.3	1.6	1.3	0.4	0.5	1.5	0.9	1.3	1.3	1.8	3.4	3.9	3.3	3.4	3.7	3.5	3.9	3.6	3.7	7.7	8.7	14.1	3.6	24
3/29/2024	6.2	3.3	3.2	3.7	4.2	4.3	4.2	4.5	7.0	5.7	5.1	5.3	6.0	5.8	6.1	6.3	6.0	5.8	5.7	5.3	5.2	4.7	4.9	4.4	5.1	24
3/30/2024	4.4	4.8	6.7	7.1	6.5	7.4	20.1	25.5	15.1	6.6	6.3	7.3	9.0	8.6	8.9	10.1	12.7	15.0	12.1	11.9	8.9	7.1	7.4	9.2	9.9	24
3/31/2024	10.0	11.0	10.8	28.3	42.7	19.1	10.9	14.7	6.1	6.2	6.6	6.2	6.3	6.9	7.3	7.4	7.0	6.7	6.1	--	--	--	--	--	11.6	19
avg	7.1	7.5	7.8	9.5	10.1	10.0	10.3	11.2	10.3	10.6	10.8	10.0	10.5	9.7	8.8	12.6	8.6	8.9	8.4	7.9	7.1	6.8	6.9	7.3	9.0	
min	1.1	1.3	1.9	1.6	1.3	0.4	0.5	1.5	0.9	1.3	1.3	1.8	3.3	2.5	1.1	1.1	1.3	1.3	1.1	0.9	1.0	0.8	0.6	0.6	1.0	
max	16.1	22.1	28.3	42.4	42.7	42.6	45.1	47.0	46.4	53.2	51.0	47.4	70.6	56.4	25.6	88.9	44.6	50.5	49.4	39.2	23.8	20.2	18.4	16.9	32.0	661

Community monitoring program began on March 8, 2024

Saroad Table - Corrected Hourly PM2.5 Data
March 2024

Location Cockspur Island **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2024	4.7	5.0	5.5	6.7	7.5	8.0	6.7	4.0	2.8	2.8	2.5	2.9	2.8	1.9	1.7	0.5	1.0	1.2	1.8	4.4	3.3	4.7	6.7	6.5	4.0	24
3/2/2024	5.5	5.0	5.8	7.6	9.8	8.0	7.0	7.2	7.8	9.5	12.3	10.7	6.8	6.6	6.9	8.3	7.4	6.6	6.7	6.6	6.3	7.4	8.1	9.7	7.6	24
3/3/2024	9.2	10.5	10.6	11.4	10.4	9.7	10.3	9.4	8.1	6.7	8.5	8.3	7.4	6.9	7.6	8.4	8.9	7.8	7.3	7.9	8.3	8.5	7.5	9.2	8.7	24
3/4/2024	9.4	9.2	9.3	8.2	7.9	8.9	8.1	7.1	6.5	7.7	9.4	10.3	10.9	11.5	11.0	9.3	8.4	7.9	5.5	4.9	5.6	6.1	6.7	7.3	8.2	24
3/5/2024	7.3	7.3	8.1	10.2	6.2	8.8	6.9	6.0	7.2	9.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.7	10
3/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	0.0	0.2	0.3	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	12
3/9/2024	0.2	0.4	0.7	0.9	1.4	1.7	2.5	3.7	4.4	4.3	3.7	3.3	5.7	6.1	6.0	5.1	4.9	4.1	3.4	3.6	2.5	1.4	1.6	3.0	3.1	24
3/10/2024	3.2	2.3	2.2	2.0	1.8	1.6	1.4	1.1	1.0	1.5	2.3	2.6	3.0	3.2	3.3	3.4	3.3	3.2	3.2	3.3	3.0	3.0	3.2	3.3	2.6	24
3/11/2024	3.1	2.9	2.6	2.3	2.6	2.7	2.6	2.2	2.7	3.2	3.6	4.1	4.4	4.8	4.2	3.5	3.4	3.1	2.8	2.3	2.2	1.8	1.8	1.5	2.9	24
3/12/2024	1.3	1.1	1.0	1.0	1.2	1.8	2.5	2.7	3.8	4.5	4.2	4.6	5.5	5.1	4.4	4.1	5.5	6.5	2.0	1.1	0.6	0.3	0.3	0.2	2.7	24
3/13/2024	0.5	1.5	3.2	1.6	1.2	1.5	2.4	4.1	6.6	11.3	10.5	18.5	18.9	18.2	9.0	5.8	5.9	7.3	6.2	5.3	4.9	12.1	11.3	8.2	7.3	24
3/14/2024	6.1	6.2	8.4	12.7	13.2	15.2	17.7	18.6	19.5	24.7	24.6	20.3	20.8	23.8	24.7	23.9	24.5	24.9	21.7	20.0	17.6	14.4	12.0	12.5	17.8	24
3/15/2024	12.4	11.2	11.4	10.3	10.1	10.2	9.7	10.7	9.7	7.4	7.2	7.9	9.8	9.0	7.7	7.4	7.3	6.5	5.8	5.2	5.1	7.5	8.3	6.2	8.5	24
3/16/2024	6.3	6.6	6.2	5.7	6.0	5.2	5.4	6.3	8.2	9.7	6.5	5.4	5.2	5.3	4.8	4.4	4.3	4.2	3.7	3.8	4.9	7.3	6.5	6.9	5.8	24
3/17/2024	6.1	5.8	5.4	5.0	4.9	5.1	5.2	5.5	5.9	5.0	4.5	5.0	4.6	5.1	4.9	4.6	4.1	4.8	5.0	5.4	4.7	3.2	3.1	3.0	4.8	24
3/18/2024	2.9	3.3	3.1	2.6	3.0	3.4	4.3	5.3	6.7	7.2	6.3	6.2	6.8	7.0	6.6	7.0	7.0	6.6	4.9	3.9	3.5	3.8	3.8	3.7	5.0	24
3/19/2024	3.8	3.5	3.2	3.1	2.9	2.7	2.5	3.2	3.9	4.3	4.9	5.6	10.0	8.5	6.0	4.5	4.1	3.4	3.2	6.1	3.6	2.9	4.8	4.7	4.4	24
3/20/2024	5.3	8.0	9.2	11.5	12.9	12.8	13.4	15.3	15.9	16.5	15.4	13.8	11.9	11.1	10.4	13.4	9.0	6.4	5.8	5.0	5.0	5.5	6.7	7.0	10.3	24
3/21/2024	8.8	12.1	19.5	22.1	21.1	20.1	20.8	21.1	22.5	24.9	26.8	24.5	23.3	23.6	22.5	22.8	23.9	24.5	21.3	15.7	10.9	4.1	2.9	2.8	18.4	24
3/22/2024	2.4	2.6	2.8	2.5	2.4	3.3	4.1	5.0	6.4	6.3	5.6	4.9	2.1	1.3	1.1	1.1	0.3	0.0	0.3	0.6	1.0	1.8	2.1	2.4	2.6	24
3/23/2024	2.4	2.6	2.7	2.3	2.8	2.9	3.0	2.2	0.9	1.4	2.0	2.6	3.4	4.3	4.0	2.7	2.9	2.1	1.9	1.3	1.1	1.1	1.1	1.4	2.3	24
3/24/2024	3.2	5.3	7.3	5.9	3.7	2.8	2.6	2.8	3.2	3.3	3.7	4.0	4.4	4.3	4.1	3.3	2.9	2.5	2.2	2.1	2.1	2.2	2.0	2.0	3.4	24
3/25/2024	2.2	2.1	1.8	1.5	1.4	1.3	1.1	1.2	1.4	1.5	1.8	2.0	2.0	2.0	1.8	1.3	1.4	1.5	1.3	1.2	1.2	1.4	1.5	2.1	1.6	24
3/26/2024	2.0	1.9	2.1	1.9	2.1	2.1	1.9	1.9	1.9	2.2	3.5	2.8	2.6	2.4	2.7	2.1	1.9	1.8	1.8	1.3	1.2	1.0	1.0	1.0	2.0	24
3/27/2024	1.0	1.0	0.9	1.2	1.3	1.0	0.9	1.2	1.3	1.1	1.3	2.2	3.4	3.7	3.1	2.7	2.8	3.2	3.2	2.8	2.7	2.6	2.7	3.1	2.1	24
3/28/2024	3.6	5.5	5.2	4.3	1.1	0.3	0.0	0.7	1.1	2.0	2.3	2.5	3.2	3.4	3.5	3.0	2.8	3.2	2.8	2.7	2.4	2.5	2.6	3.4	2.7	24
3/29/2024	5.9	5.2	3.7	3.3	3.3	3.1	3.2	3.6	5.1	4.7	4.5	5.0	4.8	4.5	4.7	4.7	4.4	4.0	3.4	2.8	2.4	2.4	2.3	2.0	3.9	24
3/30/2024	2.0	2.0	2.4	3.0	3.1	2.9	3.7	3.9	4.7	5.0	5.3	5.9	6.5	5.7	5.3	5.3	5.0	5.1	4.7	4.0	3.3	3.0	3.2	3.2	4.1	24
3/31/2024	3.7	5.2	5.3	5.2	5.2	4.9	4.8	4.8	5.0	5.9	7.4	5.4	5.3	5.7	6.0	4.0	3.8	3.3	2.8	3.0	2.7	2.4	2.6	3.2	4.5	24
avg	4.4	4.8	5.3	5.6	5.4	5.4	5.5	5.7	6.2	6.9	7.1	7.1	7.0	7.0	6.4	6.0	5.8	5.6	4.8	4.5	4.0	4.1	4.2	4.3	5.5	
min	0.2	0.4	0.7	0.9	1.1	0.3	0.0	0.7	0.9	1.1	1.3	2.0	0.0	0.2	0.3	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
max	12.4	12.1	19.5	22.1	21.1	20.1	20.8	21.1	22.5	24.9	26.8	24.5	23.3	23.8	24.7	23.9	24.5	24.9	21.7	20.0	17.6	14.4	12.0	12.5	18.4	670

Community monitoring program began on March 8, 2024

Saroad Table - Corrected Hourly PM2.5 Data
March 2024

Location Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2024	4.6	4.8	5.3	6.3	7.0	7.7	6.3	3.8	2.5	2.6	2.3	2.8	2.6	1.7	1.3	0.3	0.8	1.0	1.6	4.0	3.1	4.2	6.2	6.0	3.7	24
3/2/2024	5.1	4.6	5.4	7.0	9.1	7.4	6.3	6.6	7.3	9.0	11.7	10.4	6.4	6.3	6.5	7.8	7.1	6.2	6.4	6.2	5.9	7.0	7.6	9.3	7.2	24
3/3/2024	8.8	10.1	10.1	10.8	9.9	9.0	9.7	9.0	7.8	6.4	8.3	8.1	7.3	6.7	7.3	8.1	8.5	7.5	6.9	7.5	7.8	8.0	7.0	8.7	8.3	24
3/4/2024	8.9	8.7	8.7	7.5	7.2	8.2	7.6	6.7	6.1	7.3	9.1	9.8	10.4	10.9	10.6	8.7	8.0	7.4	5.2	4.6	5.2	5.8	6.3	6.7	7.7	24
3/5/2024	6.7	6.9	7.6	9.7	5.8	8.2	6.3	5.4	6.9	8.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.3	10
3/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	4.7	4.5	5.1	4.7	4.6	4.3	5.3	4.8	5.8	7.3	--	--	5.1	10
3/8/2024	--	--	--	--	--	--	--	--	2.0	2.4	2.8	2.7	1.9	1.6	1.6	1.6	1.4	1.1	1.1	1.2	1.3	0.7	0.9	0.9	1.6	16
3/9/2024	1.1	1.1	1.5	1.9	2.3	3.1	4.3	5.3	6.4	7.5	5.9	5.7	5.6	6.3	6.1	5.5	4.5	4.6	4.7	4.4	3.3	3.6	4.3	4.1	4.3	24
3/10/2024	3.6	2.9	2.8	2.8	2.7	2.4	2.3	1.8	1.9	2.6	3.3	4.0	4.2	4.4	4.4	4.4	4.4	4.4	4.2	4.2	4.0	4.0	4.0	4.1	3.5	24
3/11/2024	4.2	4.0	3.9	3.8	3.9	4.0	4.0	5.0	5.1	4.8	4.8	4.8	5.3	5.1	5.2	5.0	5.9	7.3	5.4	3.9	3.4	4.2	6.7	6.4	4.8	24
3/12/2024	4.9	3.4	4.9	4.9	5.0	5.2	5.1	6.4	5.7	5.4	5.8	6.1	8.8	10.8	17.1	52.2	61.1	11.6	6.3	4.2	3.1	3.6	3.0	2.5	10.3	24
3/13/2024	2.3	2.5	3.5	3.5	4.1	4.5	5.0	7.2	9.2	13.8	18.1	18.2	14.4	14.8	16.8	14.4	11.3	9.0	8.0	8.8	9.7	9.9	9.7	11.2	9.6	24
3/14/2024	12.8	13.3	13.9	14.5	15.6	17.2	19.3	21.5	24.9	27.4	26.7	22.4	18.3	18.1	19.2	19.1	17.2	13.6	13.9	16.7	20.5	19.2	17.1	16.5	18.3	24
3/15/2024	16.2	14.1	13.1	12.6	13.9	15.2	17.7	17.0	10.0	8.8	8.7	13.3		49.6	10.8	8.3	8.5	9.7	9.6	10.7	10.4	9.7	8.0	6.7	13.2	23
3/16/2024	7.5	7.3	6.1	5.8	5.6	5.8	6.1	6.1	6.6	6.5	5.8	6.1	5.5	4.7	4.8	5.0	5.0	4.6	4.3	4.7	5.2	5.7	6.6	6.6	5.8	24
3/17/2024	6.3	5.6	5.8	5.7	5.5	5.5	5.9	6.3	6.2	6.0	6.3	5.6	5.7	5.2	5.3	5.2	5.1	5.1	5.1	5.3	4.1	4.2	4.5	4.1	5.4	24
3/18/2024	3.8	4.1	3.6	3.2	3.2	3.7	4.4	4.8	6.0	7.2	6.8	7.3	7.2	7.2	7.7	8.0	7.5	6.3	5.4	4.7	4.4	4.5	4.7	4.7	5.4	24
3/19/2024	4.7	4.4	4.4	4.1	4.1	4.1	4.8	5.0	4.8	5.7	5.5	5.5	5.4	5.6	5.9	5.8	7.4	19.8	19.5	6.8	6.9	5.9	7.6	8.6	6.8	24
3/20/2024	9.3	9.6	10.2	11.4	12.4	14.4	15.2	15.6	17.1	18.0	14.4	13.3	11.7	10.9	17.6	62.8	13.3	8.1	6.8	7.1	6.9	7.3	8.2	9.6	13.8	24
3/21/2024	10.2	14.0	19.5	20.5	20.6	20.7	21.0		22.1	26.0	26.3	18.5	11.9	11.4	17.6	19.2	20.8	22.5	22.3	18.3	16.4	6.9	5.1	4.8	17.3	23
3/22/2024	5.3	4.8	5.1	5.0	4.9	5.3	6.0	7.0	7.2	8.5	6.6	5.7	3.7	2.2	1.7	1.6	0.8	0.8	1.0	1.5	1.8	2.4	3.2	3.3	4.0	24
3/23/2024	3.7	3.5	3.8	4.5	5.4	5.9	5.9	2.3	1.2	1.6	3.0	3.7	3.9	5.0	6.4	7.6	5.0	3.9	4.0	4.0	5.2	4.6	4.1	5.4	4.3	24
3/24/2024	9.1	7.2	10.6	13.0	6.6	4.9	6.1	5.4	4.4	5.0	5.4	5.8	6.2	6.1	5.5	4.4	3.6	3.3	3.1	2.9	2.8	2.9	2.9	2.8	5.4	24
3/25/2024	2.8	3.0	2.9	2.9	3.1	3.0	2.9	2.7	3.0	3.2	3.4	3.5	3.7	7.6	4.4	3.0	2.4	2.1	2.3	2.2	2.5	2.5	2.3	2.1	3.1	24
3/26/2024	2.2	2.3	2.3	2.5	2.9	2.6	2.8	3.0	2.9	3.1	3.2	3.3	3.0	3.1	2.9	2.8	2.8	2.6	2.6	2.3	2.1	2.0	2.9	1.8	2.7	24
3/27/2024	1.7	1.7	1.6	1.8	1.9	1.8	2.0	2.5	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9	9
3/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	5.4	5.7	--	--	--	--	--	--	--	--	--	--	5.6	2
3/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/31/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	6.1	6.0	6.5	6.9	6.8	7.1	7.4	6.8	7.2	8.2	8.4	8.1	6.8	8.6	8.0	11.1	9.0	7.0	6.5	5.9	5.9	5.7	5.8	5.9	6.9	
min	1.1	1.1	1.5	1.8	1.9	1.8	2.0	1.8	1.2	1.6	2.3	2.7	1.9	1.6	1.3	0.3	0.8	0.8	1.0	1.2	1.3	0.7	0.9	0.9	1.6	
max	16.2	14.1	19.5	20.5	20.6	20.7	21.0	21.5	24.9	27.4	26.7	22.4	18.3	49.6	19.2	62.8	61.1	22.5	22.3	18.3	20.5	19.2	17.1	16.5	18.3	573

Community monitoring program began on March 8, 2024

Saroad Table - Hourly PM2.5 Data
March 2024

Location Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2024																										
3/2/2024																										
3/3/2024																										
3/4/2024																										
3/5/2024																										
3/6/2024																										
3/7/2024						0.38	0.37	0.38	0.37	0.52	0.79	0.60	0.26	0.40	0.36	0.45	0.32	0.39	0.53	0.55	1.33	1.08	1.03	2.21	0.65	19
3/8/2024	1.93	1.45	0.61	0.74	1.16	1.23	0.46	0.47	0.36	0.27	0.32	0.23	0.35	0.43	0.24	0.21	0.23	0.22	0.35	0.59	0.51	0.34	0.26	0.24	0.55	24
3/9/2024	0.23	0.35	0.42	0.21	0.30	0.34	0.33	0.47	0.47	0.22	0.30	0.26	0.23	0.23	0.18	0.15	0.15	0.18	0.17	0.15	0.13	0.11	0.12	0.12	0.24	24
3/10/2024	0.10	0.10	0.10	0.14	0.08	0.08	0.07	0.06	0.12	0.18	0.08	0.10	0.07	0.09	0.14	0.19	0.15	0.24	0.16	0.18	0.13	0.18	0.20	0.24	0.13	24
3/11/2024	0.20	0.25	0.83	0.99	1.92	0.68	0.17	0.28	0.54	0.60	0.52	0.24	0.25	0.28	0.30	0.26	0.41	0.21	0.19	0.36	0.48	0.65	0.71	0.67	0.50	24
3/12/2024	0.58	0.93	1.40	1.58	1.97	0.63	0.36	0.24	0.64	1.20	0.73	2.24	5.34	4.54	2.42	0.55	0.48	0.34	0.33	0.27	0.42	0.28	0.33	0.44	1.18	24
3/13/2024	0.63	0.59	1.56	1.65	1.85	2.77	2.28	2.55	1.53	1.19	1.75	1.31	1.15	0.95	0.86	0.88	1.14	1.35	1.69	1.56	1.56	1.68	1.81	1.97	1.51	24
3/14/2024	1.94	1.74	2.05	3.12	3.95	5.07	3.41	3.57	2.00	1.68	1.44	1.19	1.31	1.36	1.12	1.31	2.00	1.98	2.37	2.21	2.19	2.16	1.95	2.27	2.23	24
3/15/2024	1.99	2.17	2.36	2.47	2.35	1.73	1.22	0.81	0.81	2.26	2.57	0.91	0.51	0.50	0.73	0.74	0.91	1.11	1.03	0.64	0.51	0.59	0.57	0.43	1.25	24
3/16/2024	0.34	0.34	0.31	0.37	0.46	0.31	0.19	0.15	0.14	0.11	0.08	0.09	0.12	0.11	0.14	0.21	0.18	0.23	0.38	0.43	0.49	0.46	0.54	0.44	0.28	24
3/17/2024	0.36	0.24	0.28	0.28	0.29	0.37	0.25	0.23	0.20	0.16	0.17	0.17	0.18	0.27	0.22	0.25	0.31	0.24	0.25	0.29	0.30	0.28	0.23	0.22	0.25	24
3/18/2024	0.20	0.29	0.29	0.40	0.45	0.48	0.42	0.33	0.36	0.50	0.37	0.46	0.38	0.34	0.22	0.22	0.17	0.23	0.24	0.21	0.19	0.16	0.14	0.16	0.30	24
3/19/2024	0.17	0.24	0.31	0.34	0.46	0.33	0.19	0.21	0.13	0.15	0.17	0.12	0.15	0.19	1.84	1.50	0.78	0.63	0.54	0.48	0.59	0.68	0.80	0.81	0.49	24
3/20/2024	0.82	0.99	1.82	1.28	1.43	1.32	1.03	0.70	0.61	0.60	0.58	0.85	2.63	0.85	0.36	0.35	0.37	0.49	0.62	0.72	0.80	0.93	1.30	1.51	0.96	24
3/21/2024	1.78	1.93	1.83	2.74	2.74	2.20	2.44	2.66	1.50	0.70	0.59	0.94	1.18	1.44	1.64	1.67	1.73	1.74	1.24	0.53	0.31	0.54	0.57	0.38	1.46	24
3/22/2024	0.82	0.90	1.03	1.64	1.69	3.96	4.52	3.08	0.92	0.70	0.23	0.32	0.93	0.16	0.16	0.32	0.26	0.18	0.22	0.19	0.23	0.56	0.35	0.28	0.99	24
3/23/2024	0.22	0.41	0.34	0.34	0.14	0.12	0.10	0.11	0.11	0.14	0.19	0.25	0.22	0.23	0.12	0.14	0.09	0.10	0.12	0.16	0.21	0.26	0.39	0.49	0.21	24
3/24/2024	0.56	0.26	0.29	0.17	0.17	0.14	0.27	0.20	0.19	0.17	0.20	0.26	0.24	0.19	0.36	0.26	0.23	0.22	0.19	0.15	0.22	0.33	0.36	0.33	0.25	24
3/25/2024	0.33	0.69	0.81	0.93	0.83	0.80	0.89	0.57	0.36	0.33	0.29	0.46	1.80	0.46	0.20	0.37	1.32	0.25	0.31	0.25	0.22	0.17	0.18	0.45	0.55	24
3/26/2024	0.46	0.87	1.09	0.64	0.91	0.71	0.42	0.19	0.18	0.20	0.16	0.18	0.29	0.17	0.11	0.41	0.19	0.13	0.38	0.17	0.10	0.15	0.12	0.25	0.35	24
3/27/2024	0.93	1.17	1.48	0.46	0.50	1.07	0.21	0.52	0.20	0.24	0.39	0.49	0.30	0.50	0.93	0.96	1.04	0.93	0.50	0.25	0.25	0.32	0.28	0.28	0.59	24
3/28/2024	0.44	0.37	0.36	0.36	0.88	0.65	0.55	0.40	0.31	0.39	0.22	0.32	0.40	0.32	0.28	0.42	0.76	1.00	1.49	1.35	1.18	0.65	0.44	0.38	0.58	24
3/29/2024	0.25	0.30	0.67	0.91	0.96	0.54	0.86	0.29	0.29	0.27	0.20	0.19	0.24	0.30	0.37	0.63	0.47	0.42	0.30	0.22	0.41	0.80	0.85	0.73	0.48	24
3/30/2024	0.58	0.50	0.46	0.46	0.44	0.19	0.18	0.23	0.29	0.30	0.28	0.29	0.38	0.50	0.48	0.49	0.62	0.86	0.83	0.86	0.95	1.09	1.23	1.10	0.56	24
3/31/2024	0.94	0.68	0.63	0.56	0.41	0.27	0.35	0.32	0.30	0.30	0.32	0.31	0.30	0.35	0.33	0.35	0.45	0.45	0.34	0.67	0.49	0.43	0.76	0.39	0.45	24
avg	0.70	0.74	0.89	0.95	1.10	1.05	0.86	0.76	0.52	0.54	0.52	0.51	0.77	0.61	0.57	0.53	0.59	0.56	0.59	0.54	0.57	0.60	0.62	0.67	0.68	
min	0.10	0.10	0.10	0.14	0.08	0.08	0.07	0.06	0.11	0.11	0.08	0.09	0.07	0.09	0.11	0.14	0.09	0.10	0.12	0.15	0.10	0.11	0.12	0.12	0.13	
max	1.99	2.17	2.36	3.12	3.95	5.07	4.52	3.57	2.00	2.26	2.57	2.24	5.34	4.54	2.42	1.67	2.00	1.98	2.37	2.21	2.19	2.16	1.95	2.27	2.23	595

Community monitoring program began on March 7, 2024

Saroad Table - Hourly PM2.5 Data
March 2024

Location Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2024																										
3/2/2024																										
3/3/2024																										
3/4/2024																										
3/5/2024																										
3/6/2024																					0.12	0.14	0.16	0.18	0.15	4
3/7/2024	0.42	0.31	0.49	0.45	0.42	0.21	0.21	0.24	0.29	0.20	0.16	0.16	0.15	0.20	0.21	0.21	0.19	0.20	0.23	0.29	0.23	0.18	0.19	0.14	0.25	24
3/8/2024	0.09	0.08	0.09	0.14	0.14	0.15	0.17	0.33	0.14	0.18	0.16	0.19	0.17	0.19	0.16	0.14	0.12	0.14	0.14	0.12	0.10	0.08	0.07	0.14	0.14	24
3/9/2024	0.36	0.11	0.12	0.19	0.24	0.21	0.19	0.28	0.23	0.45	0.42	0.31	0.21	0.32	0.22	0.21	0.22	0.17	0.12	0.13	0.11	0.12	0.18	0.17	0.22	24
3/10/2024	0.12	0.11	0.08	0.14	0.06	0.07	0.07	0.10	0.21	0.10	0.10	0.09	0.09	0.10	0.11	0.14	0.16	0.18	0.11	0.09	0.17	0.10	0.10	0.08	0.11	24
3/11/2024	0.08	0.08	0.08	0.09	0.11	0.10	0.26	0.11	0.23	0.18	0.17	0.12	0.09	0.09	0.07	0.08	0.07	0.07	0.08	0.07	0.09	0.13	0.11	0.12	0.11	24
3/12/2024	0.10	0.13	0.20	0.35	0.20	0.20	0.24	0.23	0.25	0.27	0.28	0.26	0.27	0.47	0.61	0.34	0.34	0.30	0.15	0.15	0.14	0.16	0.29	0.47	0.27	24
3/13/2024	0.26	0.22	0.27	0.34	0.37	0.55	0.92	1.16	1.67	1.83	1.50	0.64	0.42	0.56	0.77	0.75	0.83	0.75	1.54	1.29	0.96	0.71	0.68	0.87	0.83	24
3/14/2024	1.15	1.27	1.56	1.85	2.15	1.73	3.43	2.54	1.83	1.79	2.08	2.16	1.97	2.10	2.19	2.06	--	--	--	--	--	--	--	--	1.99	16
3/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/19/2024							0.21	0.71	0.30	0.69	0.49	0.28	0.15	0.15	0.12	0.15	0.46	0.27	0.24	0.38	0.41	0.45	0.61	0.69	0.37	18
3/20/2024	0.88	0.98	0.98	0.99	1.08	1.03	0.99	0.79	0.68	0.54	0.54	0.47	0.79	0.48	0.44	0.47	0.43	0.44	0.54	0.73	0.54	0.71	1.00	1.70	0.76	24
3/21/2024	1.98	1.80	1.52	1.70	1.70	1.85	2.44	2.03	1.78	1.46	1.54	1.34	1.32	1.46	1.62	1.62	1.37	1.19	0.55	0.49	0.37	0.31	0.20	0.16	1.33	24
3/22/2024	0.15	0.15	0.24	0.35	0.40	0.54	0.72	1.07	0.53	0.17	0.13	0.19	0.14	0.08	0.14	0.07	0.10	0.05	0.08	0.07	0.10	0.15	0.14	0.17	0.25	24
3/23/2024	0.15	0.15	0.23	0.24	0.18	0.17	0.24	0.20	0.21	0.16	0.19	0.12	0.21	0.18	0.14	0.13	0.10	0.11	0.22	0.14	0.17	0.35	0.51	0.48	0.21	24
3/24/2024	0.40	0.27	0.22	0.20	0.19	0.35	0.19	0.32	0.19	0.20	0.26	0.27	0.20	0.19	0.11	0.10	0.08	0.16	0.19	0.12	0.09	0.08	0.08	0.08	0.19	24
3/25/2024	0.11	0.13	0.11	0.21	0.10	0.30	0.13	0.24	0.33	0.13	0.13	0.14	0.24	0.11	0.16	0.11	0.14	0.13	0.10	0.09	0.08	0.16	0.12	0.08	0.15	24
3/26/2024	0.07	0.08	0.09	0.09	0.09	0.06	0.08	0.19	0.10	0.09	0.07	0.19	0.09	0.08	0.12	0.15	0.08	0.05	0.05	0.06	0.05	0.06	0.05	0.06	0.09	24
3/27/2024	0.03	0.06	0.10	0.08	0.05	0.11	0.08	0.12	0.15	0.19	0.17	0.17	0.18	0.20	0.22	0.30	0.22	0.27	0.19	0.18	0.20	0.25	0.53	0.31	0.18	24
3/28/2024	0.23	0.10	0.17	0.17	0.20	0.18	0.20	0.20	0.18	0.17	0.14	0.16	0.16	0.15	0.17	0.23	0.42	0.29	0.26	0.40	--	--	--	--	0.21	20
3/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
3/31/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	0.39	0.35	0.38	0.45	0.45	0.46	0.60	0.60	0.52	0.49	0.47	0.40	0.38	0.40	0.42	0.40	0.31	0.28	0.28	0.28	0.23	0.24	0.29	0.35	0.41	
min	0.03	0.06	0.08	0.08	0.05	0.06	0.07	0.10	0.10	0.09	0.07	0.09	0.09	0.08	0.07	0.07	0.07	0.05	0.05	0.06	0.05	0.06	0.05	0.06	0.09	
max	1.98	1.80	1.56	1.85	2.15	1.85	3.43	2.54	1.83	1.83	2.08	2.16	1.97	2.10	2.19	2.06	1.37	1.19	1.54	1.29	0.96	0.71	1.00	1.70	1.99	418

Community monitoring program began on March 6, 2024

Saroad Table - Hourly PM2.5 Data
March 2024

Location Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2024																										0
3/2/2024																										0
3/3/2024																										0
3/4/2024																										0
3/5/2024																										0
3/6/2024													0.14	0.16	0.18	0.24	1.22	0.40	0.43	0.52	0.49	0.47	0.36	0.20	0.40	12
3/7/2024	0.21	0.35	0.54	0.49	0.89	0.80	1.14	2.09	0.46	0.37	0.60	0.70	0.31	0.40	0.32	0.26	0.41	0.72	0.45	0.48	0.48	0.23	0.25	0.26	0.55	24
3/8/2024	0.37	0.32	0.14	0.31	0.23	0.28	0.23	0.20	0.35	0.30	0.43	0.18	0.34	0.22	0.19	0.21	0.34	0.18	0.07	0.06	0.07	0.12	0.23	0.21	0.23	24
3/9/2024	0.34	0.21	0.17	0.15	0.23	0.27	0.32	0.71	0.37	0.29	0.38	0.32	0.32	0.29	0.29	0.27	0.29	0.45	0.35	0.33	0.14	0.14	0.17	0.53	0.31	24
3/10/2024	0.21	0.23	0.43	0.21	0.30	0.14	0.12	0.11	0.11	0.10	0.09	0.10	0.10	0.12	0.15	0.17	0.17	0.19	0.19	0.28	0.68	0.92	1.03	0.89	0.29	24
3/11/2024	0.21	0.18	0.54	0.86	0.65	0.17	0.10	0.13	0.13	0.55	0.41	0.35	0.40	0.35	0.48	0.62	0.31	0.31	0.54	0.54	0.28	0.58	0.73	0.56	0.42	24
3/12/2024	2.12	0.86	1.03	1.57	1.59	0.80	0.61	0.48	0.41	0.61	0.89	1.83	6.07	6.72	0.75	0.64	0.47	0.54	0.42	0.33	0.34	0.39	0.38	0.43	1.26	24
3/13/2024	0.53	0.71	1.36	1.82	2.19	3.27	3.32	2.89	2.37	1.53	1.23	1.50	1.06	0.79	0.84	0.91	1.09	1.27	1.17	1.36	1.23	1.60	1.78	2.03	1.58	24
3/14/2024	2.24	2.47	2.37	3.20	6.81	4.23	2.28	2.79	2.62	2.01	1.79	1.72	1.65	1.91	1.81	1.76	2.20	1.91	1.71	1.43	1.32	1.22	1.20	1.21	2.24	24
3/15/2024	1.12	1.44	2.08	2.48	2.03	1.27	1.13	0.94	1.39	5.76	4.17	1.27	0.57	0.64	0.69	5.61	3.33	1.09	1.11	0.62	0.52	0.69	0.68	0.42	1.71	24
3/16/2024	0.35	0.39	0.41	0.37	0.43	0.32	0.24	0.20	0.22	0.17	0.15	0.11	0.17	0.13	0.24	0.54	0.69	0.96	0.96	1.16	1.12	0.72	0.55	0.62	0.47	24
3/17/2024	0.40	0.39	0.34	0.39	0.35	0.30	0.25	0.24	0.30	0.39	0.22	0.21	0.20	0.23	0.26	0.27	0.32	1.25	0.45	0.42	0.38	0.39	0.34	0.28	0.36	24
3/18/2024	0.26	0.29	0.45	0.50	0.64	0.61	1.22	1.10	0.45	0.42	0.38	0.49	0.59	0.44	0.33	0.27	0.23	0.28	0.45	0.45	0.31	0.28	0.32	0.32	0.46	24
3/19/2024	0.46	0.53	0.45	0.34	1.83	1.07	0.30	0.74	0.38	0.60	0.29	0.28	0.17	0.65	1.95	1.06	0.55	0.48	0.53	0.59	0.73	1.09	1.11	1.14	0.72	24
3/20/2024	1.71	1.41	1.33	1.68	1.77	1.77	1.31	0.91	0.77	0.71	0.63	1.02	3.96	0.73	0.43	0.36	0.78	0.75	0.87	0.88	0.82	1.18	1.66	2.09	1.23	24
3/21/2024	2.24	2.18	2.38	3.18	3.77	3.24	4.55	2.41	1.41	2.07	0.98	1.53	1.41	1.47	1.59	2.20	1.77	1.48	0.94	0.46	0.43	0.56	0.35	0.38	1.79	24
3/22/2024	0.59	0.67	0.59	0.87	0.46	0.94	1.15	0.74	0.72	0.99	0.58	0.38	0.94	0.52	0.51	1.04	1.49	1.30	0.24	0.49	0.27	0.41	0.27	0.23	0.68	24
3/23/2024	0.31	0.17	0.20	0.25	0.15	0.11	0.12	0.35	0.76	1.50	0.64	0.63	0.40	0.10	0.09	0.35	0.08	0.08	0.09	0.31	0.21	0.34	1.11	0.64	0.37	24
3/24/2024	0.45	0.44	0.19	0.20	0.18	0.18	0.24	0.23	0.35	0.46	0.37	0.26	0.28	0.23	0.93	0.39	0.21	0.15	0.08	0.09	0.15	0.27	1.19	0.15	0.32	24
3/25/2024	0.10	0.19	0.17	0.22	0.28	0.31	0.23	0.26	0.45	0.41	0.18	0.21	0.90	0.14	0.13	0.24	0.14	0.25	0.16	0.16	0.11	0.11	0.11	0.30	0.24	24
3/26/2024	0.40	0.31	0.21	0.75	0.79	0.42	1.31	0.65	0.45	0.70	0.44	0.20	0.21	0.25	0.51	1.04	0.34	0.41	0.29	0.21	0.22	0.17	0.14	0.16	0.44	24
3/27/2024	0.08	0.12	0.27	0.37	0.28	0.31	0.34	0.49	0.51	0.50	0.41	0.34	0.45	0.48	0.48	1.75	0.69	0.81	0.47	0.38	0.50	1.30	1.39	2.44	0.63	24
3/28/2024	0.61	0.87	0.47	0.34	0.37	1.18	0.25	0.28	0.11	0.51	0.16	0.35	0.27	0.17	0.24	0.62	0.34	0.48	1.93	1.22	1.65	0.74	0.33	0.65	0.59	24
3/29/2024	0.67	0.74	0.63	0.76	1.34	7.02	1.27	0.16	0.24	0.55	0.18	0.27	0.41	0.22	0.27	0.33	0.34	0.40	0.37	0.39	0.39	0.30	0.39	0.59	0.76	24
3/30/2024	1.02	0.74	0.58	1.47	1.38	0.65	0.26	0.23	0.31	0.39	0.36	0.34	0.41	0.54	0.70	0.62	0.73	0.76	0.60	0.63	0.69	0.73	0.77	0.78	0.65	24
3/31/2024	1.50	1.64	0.95	0.54	0.58	0.36	0.34	0.37	0.34	0.31	0.34	0.35	0.34	0.34	0.47	0.48	0.59	0.52	0.37	0.26	0.37	0.23	0.32	0.43	0.51	24
avg	0.74	0.71	0.73	0.93	1.18	1.20	0.90	0.79	0.64	0.89	0.65	0.60	0.85	0.70	0.57	0.86	0.74	0.67	0.59	0.54	0.53	0.58	0.66	0.69	0.74	
min	0.08	0.12	0.14	0.15	0.15	0.11	0.10	0.11	0.11	0.10	0.09	0.10	0.10	0.10	0.09	0.17	0.08	0.08	0.07	0.06	0.07	0.11	0.11	0.15	0.23	
max	2.24	2.47	2.38	3.20	6.81	7.02	4.55	2.89	2.62	5.76	4.17	1.83	6.07	6.72	1.95	5.61	3.33	1.91	1.93	1.43	1.65	1.60	1.78	2.44	2.24	612

Community monitoring program began on March 6, 2024

Saroad Table - Hourly PM2.5 Data
April 2024

Location Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0

Saroad Table - Hourly PM2.5 Data
April 2024

Location Carver Village **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/2/2024	--	--	--	--	--	--	--	--	--																--	0
4/3/2024																									--	0
4/4/2024			2.6	2.8	2.9	2.8			3.7	3.6	4.0	4.2	4.3	4.4	4.5	4.5	4.5	4.4	4.4						3.8	15
4/5/2024											5.3	5.0	4.6	4.8	4.6	4.9	4.6	4.8	4.3	4.3	4.2				4.7	11
4/6/2024						3.8	3.8	4.0	3.6	3.4	4.1	4.6	4.6	4.5	4.4	4.4	4.2	4.3	4.0	3.5	3.2	3.1			4.0	17
4/7/2024															5.4	4.9	4.7	4.3	3.9	3.6					4.5	6
4/8/2024									3.2	3.8	4.5	4.7	4.8	4.5	3.9	3.7	3.5	3.2	3.3	3.1					3.9	12
4/9/2024									2.1	2.1	2.8	3.1	3.3	3.4	3.5	3.5	3.4	3.3	3.0	3.1	3.2	2.6	2.1	1.7	2.9	16
4/10/2024	1.9	1.4	1.7	1.8	1.9	2.1	2.4	2.8	2.8	4.5	4.5	3.9	3.6	3.6	3.4	3.2	2.9	3.0	3.4	3.3	3.1	3.2	3.2	3.2	2.9	24
4/11/2024	3.3	3.6	4.2	4.8	5.4	4.9	6.5	4.7	3.1	1.7	1.2	3.7	6.6	7.5	8.2	8.3	8.4	5.9	4.0	4.7	7.6	4.0	3.7	2.4	4.9	24
4/12/2024	1.8	2.0	2.9	3.7	4.0	4.0	4.4	5.0	4.7	4.1	4.2	4.5	4.5	4.6	4.6	4.6	4.6	4.5	4.5	4.3	4.7	4.6	4.4	4.7	4.2	24
4/13/2024	5.5	5.4	5.0	4.2	4.3	4.3	4.1	4.6	4.5	4.2	4.5	4.8	4.9	4.8	4.9	4.9	4.9	4.8	4.7	5.3	11.8	51.9	20.3	12.6	8.0	24
4/14/2024	45.1	42.4	10.0	10.4	9.4	11.2	15.0	9.9	6.4	7.6	8.7	8.9	7.8	6.6	6.4	6.5	6.8	6.5	6.2	5.9	5.8	5.3	5.0	4.9	10.8	24
4/15/2024	5.1	6.0	6.1	6.2	10.5	21.2	8.9	7.2	6.5	6.6	7.2	7.5	7.6	7.2	6.9	7.3	7.1	6.6	6.1	6.0	6.1	6.3	6.0	6.0	7.4	24
4/16/2024	6.8	7.2	7.6	8.5	9.3	10.4	11.5	13.4	15.3	15.6	16.5	10.3	8.5	8.6	45.7	8.3	7.1	7.3	6.3	5.4	3.9	3.1	2.9	2.9	10.1	24
4/17/2024	2.7	2.4	3.1	4.1	4.2	4.1	5.6	4.9	2.2	1.9	2.6	2.7	2.8	2.9	3.1	2.7	2.5	2.5	2.4	2.1	2.2	2.2	2.1	2.2	2.9	24
4/18/2024	2.2	2.2	2.3	2.4	3.2	6.0	6.0	6.4	7.4	8.8	13.4	12.3	9.9	8.8	8.2	8.8	9.5	8.1	7.5	6.9	6.2	6.3	6.9	10.8	7.1	24
4/19/2024	9.0	9.7	11.2		12.8	12.9	15.8	15.7	15.8	17.3	17.9	16.1	14.9	13.3	13.2	13.6	12.3	11.5	10.5	10.2	10.4	10.3	10.9	12.0	12.9	23
4/20/2024	13.3	14.7	15.9	16.8	17.4	18.3	18.3	17.8	17.3	17.6	20.6	17.2	15.2	13.8	13.9	12.7	12.9	13.2	12.0	13.6	13.8	13.8	14.1	14.7	15.4	24
4/21/2024	15.8	17.0	18.3	18.1	16.8	17.2	18.0	17.3	16.9	16.3	14.7	11.4	7.7	7.4	6.8	4.6	5.8	5.1	4.8	3.8	3.5	2.6	2.5	2.7	10.6	24
4/22/2024	2.9	3.0	3.7	3.1	3.2	4.3	4.0	4.9	5.2	7.1	7.1	10.3	7.0	6.6	6.4	5.7	6.0	6.2	6.1	6.4	6.9	6.6	6.2	6.6	5.6	24
4/23/2024	7.7	8.2	8.5	9.3	8.3	8.1	10.7	9.6	8.6	7.4	7.1	7.1	6.4	6.3	6.3	6.2	6.2	7.4	8.8	6.5	6.6	6.9	6.9	6.5	7.6	24
4/24/2024	5.7	5.1	5.6	6.2	7.0	9.4	9.3	8.6	7.6	18.7	26.3	43.4	57.7	80.5	55.6	45.6	43.1	19.8	8.0	6.0	5.4	5.5	5.6		21.1	23
4/25/2024	6.0	8.1	8.0	8.5	10.7	14.0	16.2	17.9	18.2	21.2	14.4	11.3	11.1	11.7	14.6	13.8	12.9	11.9	14.8	17.2	19.1	21.0	22.5	23.2	14.5	24
4/26/2024	24.2	25.7	40.0	41.5	43.2	50.9	45.9	24.9	14.4	9.2	7.4	6.9	6.4	6.2	6.0	6.3	5.7	5.8	5.9	6.4	5.4	5.7	5.9	5.3	16.9	24
4/27/2024	5.4	5.3	4.8	4.6	4.4	4.2	4.8	3.6	3.5	3.4	3.7	3.7	3.7	3.5	3.4	3.7	3.9	3.8	3.6	3.3	3.5	3.8	3.9	3.6	4.0	24
4/28/2024	3.6	4.1	5.1	4.6	4.2	4.2	4.4	4.3	4.3	4.2	4.4	4.5	4.3	4.2	4.0	3.7	3.7	3.4	3.3	3.2	6.3	3.1	3.0	3.3	4.1	24
4/29/2024	3.1	3.3	9.9	3.0	3.4	3.5	4.3	3.8	3.1	3.2	3.4	3.7	3.8	4.0	4.0	3.8	3.5	3.1	3.1	3.1	3.4	3.0	3.2	3.2	3.7	24
4/30/2024	3.3	3.6	4.4	3.9	4.6	5.4	5.4	4.9	4.1	3.9	4.0	4.8	4.8	4.7	4.7	4.2	4.0	3.8	3.3	3.0	2.9	2.7	2.7	2.6	4.0	24
avg	8.3	8.6	8.2	8.0	8.7	9.9	10.2	8.9	7.4	7.9	8.2	8.5	8.5	9.2	9.5	7.6	7.4	6.2	5.6	5.5	6.2	7.7	6.5	6.4	7.5	
min	1.8	1.4	1.7	1.8	1.9	2.1	2.4	2.8	2.1	1.7	1.2	2.7	2.8	2.9	3.1	2.7	2.5	2.5	2.4	2.1	2.2	2.2	2.1	1.7	2.9	
max	45.1	42.4	40.0	41.5	43.2	50.9	45.9	24.9	18.2	21.2	26.3	43.4	57.7	80.5	55.6	45.6	43.1	19.8	14.8	17.2	19.1	51.9	22.5	23.2	21.1	579

Saroad Table - Hourly PM2.5 Data
April 2024

Location Woodville **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/2/2024	--	--	--	--	--	--	--	--	--	8.8	7.0	9.0	9.8	8.6	11.1	11.2	9.1	8.9	9.2	9.5	10.5	8.9	8.8	14.8	9.7	15
4/3/2024		10.5		14.2			10.5	10.2	13.4	11.2	8.9	11.0	10.7	9.1	7.4	9.6	9.0	6.3	5.7	5.8	7.0	10.8	8.1	6.5	9.3	20
4/4/2024	4.6	4.7	5.0	3.6	3.7	4.3	8.8	6.5	6.0	4.5	4.6	4.5	4.6	4.7	5.0	5.0	5.0	5.0	4.9	4.9	4.7	4.9	6.0	7.3	5.1	24
4/5/2024	6.7	6.5	6.1	6.4	6.5	8.2	8.9	8.4	8.1	6.6	5.9	5.0	4.8	4.9	5.2	5.1	4.9	5.0	5.1	5.4	7.9		7.7	9.2	6.5	23
4/6/2024	18.6	16.7	12.6	7.5	4.9	4.5	4.4	4.1	4.4	4.2	4.4	4.7	4.6	4.6	5.5	6.1	4.5	4.5	4.6	4.0	6.5	5.0	11.2	18.2	7.1	24
4/7/2024					12.7	10.0	15.0	15.9	7.4	6.1	6.7	9.0	8.7	6.9	6.5	5.5	5.2	4.8	4.3	4.1	4.2	4.5	5.5	5.0	7.4	20
4/8/2024	5.8	6.5	6.4	6.7	7.0	7.7	9.7	9.1	12.7	8.8	9.0	6.8	8.9	16.0	7.0	5.4	5.0	3.4	6.2	5.9	6.7	4.3	9.1	57.0	9.6	24
4/9/2024	70.0	10.6	7.8	7.2	9.0	8.5	7.0	5.5	4.2	3.5	3.5	3.5	3.4	4.2	5.4	4.1	3.4	3.1	3.3	3.7	2.7	2.5	2.0	1.6	7.5	24
4/10/2024	1.3	1.3	1.5	2.0	2.7	2.3	2.8	3.8	7.9	5.9	4.5	4.5	4.9	4.3	3.8	3.3	2.9	2.8	3.1	3.2	3.3	2.9	3.0	3.0	3.4	24
4/11/2024	3.4	3.4	3.9	4.4	5.3	5.1	5.9	4.9	3.4	1.7	1.0	3.3	5.7	6.3	7.1	7.0	7.4	4.7	3.8	3.4	3.8	3.7	3.1	2.4	4.3	24
4/12/2024	1.8	2.2	3.1	3.9	4.1	4.2	4.1	4.6	4.8	4.7	4.3	4.4	4.3	4.3	4.6	4.6	4.6	4.6	4.5	4.4	4.7	4.4	4.4	4.4	4.2	24
4/13/2024	5.7	5.4	6.2	5.3	4.9	4.8	4.1	4.6	4.6	4.7	5.8	4.8	4.9	4.8	5.0	5.0	5.2	6.4	5.9	4.8	7.5	4.7	5.7	6.3	5.3	24
4/14/2024	7.5	6.7	5.9	5.6	5.7	6.3	7.1	6.8	7.1	7.5	9.3	8.6	6.7	6.4	6.1	6.2	6.5	6.1	5.9	5.5	5.3	10.2	11.7	11.5	7.2	24
4/15/2024	7.8	5.9	5.9	10.2	6.4	6.9	7.0	7.1	6.7	6.7	7.0	7.0	6.9	6.8	6.4	6.4	6.6	6.1	5.7	5.6	5.6	7.4	9.5	6.0	6.8	24
4/16/2024	7.9	8.1	8.7	22.3	13.0	11.1	11.4	10.9	10.7	12.7	13.3	9.0	8.2	8.6			6.7	6.5	6.1	5.6	4.2	3.5	3.5	3.4	8.9	22
4/17/2024	3.6	3.9	4.4	14.9	7.9	6.8	12.4	7.7	2.4	2.3	2.4	2.8	2.9	3.3	3.5	2.9	2.5	2.2	2.1	1.8	1.9	1.9	1.9	2.3	4.2	24
4/18/2024	2.2	3.0	2.4	3.3	3.2	4.1	5.3	6.1	6.1	9.4	12.4	11.1	9.3	8.6	7.7	8.1	9.0	7.5	7.2	6.5	6.1	6.3	6.5	7.3	6.6	24
4/19/2024	8.6	9.7	10.7	11.9	12.5	12.4	12.9	13.0	14.1	15.2	16.1	14.3	13.4	11.8	11.3	12.6	11.7	11.1	10.6	9.6	9.7	9.9	10.7	11.4	11.9	24
4/20/2024	12.6	14.0	14.8	15.4	16.2	17.2	17.2	17.5	16.7	15.9	15.4	14.2	13.6	12.1	14.0	16.0	14.4	12.1	11.2	12.0	12.8	12.4	13.6	14.0	14.4	24
4/21/2024	15.0	17.4	17.7	17.2	16.0	16.4	17.3	16.7	15.2	14.7	13.8	10.6	7.4	6.9	6.5	5.0	6.4	4.1	3.8	3.7	3.4	2.9	2.4	2.6	10.1	24
4/22/2024	2.7	2.9	3.0	3.0	3.5	3.1	3.5	4.2	5.0	6.1	7.3	9.2	6.6	6.0	5.8	5.6	6.0	6.0	6.3	6.8	7.0	6.4	6.3	6.3	5.4	24
4/23/2024	7.4	9.1	8.7	9.9	8.9	8.9	9.9	10.1	7.6	6.9	7.1	7.0	6.3	6.2	6.4	8.9	6.7	5.9	5.8	6.1	6.6	9.8	6.8	6.9	7.7	24
4/24/2024	6.6	5.7	7.0	8.9	8.4	8.9	11.6	9.2	8.7	18.3									9.0	5.7	5.3	5.2	5.2	5.6	8.1	16
4/25/2024	6.9	7.0	8.0	9.0	10.2	13.2	16.3	17.3	16.9		12.7	10.7	10.4	10.2	12.4	13.5	12.2	11.0	13.0	15.7	21.0	19.8	21.1		13.1	22
4/26/2024									12.5	8.7	7.4	6.8	6.4	6.0	5.9	5.8	5.6	5.3	5.5	5.5	5.3	5.5	5.4	4.9	6.4	16
4/27/2024	5.0	4.9	4.7	4.8	4.5	4.2	3.6	3.6	3.9	3.5	3.6	3.6	3.3	3.5	3.2	3.6	3.7	3.5	3.4	3.3	3.6	3.7	3.7	3.6	3.8	24
4/28/2024	3.8	4.2	4.8	4.5	4.3	4.2	4.2	4.4	4.3	4.1	4.2	4.4	4.1	4.1	3.9	3.8	3.6	3.4	3.1	3.3	3.2	3.5	4.2	3.7	4.0	24
4/29/2024	3.3	3.2	2.7	3.3	4.0	3.8	4.9	6.7	4.8	4.3	4.2	3.8	4.3	4.2	4.4	4.0	3.4	3.0	2.8	2.7	3.7	3.6	3.5	4.3	3.9	24
4/30/2024	5.0	5.7	7.9	6.5	6.3	5.3	5.4	5.4	3.9	4.5	5.7	4.9	6.0	4.9	5.3	4.4	3.9	3.5	2.8	2.8	2.7	2.7	2.8	2.8	4.6	24
avg	8.9	6.9	6.8	8.1	7.4	7.4	8.6	8.3	8.0	7.5	7.4	7.1	6.8	6.7	6.5	6.6	6.2	5.6	5.7	5.6	6.1	6.1	6.7	8.3	7.1	
min	1.3	1.3	1.5	2.0	2.7	2.3	2.8	3.6	2.4	1.7	1.0	2.8	2.9	3.3	3.2	2.9	2.5	2.2	2.1	1.8	1.9	1.9	1.9	1.6	3.4	
max	70.0	17.4	17.7	22.3	16.2	17.2	17.3	17.5	16.9	18.3	16.1	14.3	13.6	16.0	14.0	16.0	14.4	12.1	13.0	15.7	21.0	19.8	21.1	57.0	14.4	658

Saroad Table - Hourly PM2.5 Data
April 2024

Location GA DNR **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0

Saroad Table - Hourly PM2.5 Data
April 2024

Location West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/9/2024	--	--	--	--	--	--	--	--	--	--	--	2.8	3.2	3.0	3.1	3.3	3.0	2.6	2.2	1.9	1.7	1.7	1.7		2.5	12
4/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	5.1	5.2	4.8	4.9								5.0	4
4/23/2024													5.7	5.7	5.6	5.6									5.7	4
4/24/2024																									--	0
4/25/2024																									--	0
4/26/2024																									--	0
4/27/2024								2.0	2.6	3.0	3.3	3.3	3.1	3.0	2.9	3.4	3.7	3.4	3.4						3.1	12
4/28/2024								3.0	3.3	3.6	3.6	3.8	3.8	3.8	3.7	3.5	3.3	2.9	2.7	2.6	2.5	2.2	1.8	1.8	3.0	17
4/29/2024	1.6	1.5	1.5	1.5	1.6				2.3	3.0	3.3	3.8	3.8	3.7	3.9	3.7	3.6	3.2	2.7	2.8	2.2	1.9			2.7	19
4/30/2024									2.4	2.9	3.5	3.9	4.1	4.2	5.3	4.6	4.4	4.1	3.6	3.1	3.2	3.0	2.8	2.8	3.6	16
avg	1.6	1.5	1.5	1.5	1.6	--	--	2.5	2.6	3.1	3.4	3.5	4.0	4.1	4.3	4.1	3.8	3.2	2.9	2.6	2.4	2.2	2.1	2.3	3.7	
min	1.6	1.5	1.5	1.5	1.6	--	--	2.0	2.3	2.9	3.3	2.8	3.1	3.0	2.9	3.3	3.0	2.6	2.2	1.9	1.7	1.7	1.7	1.8	2.5	
max	1.6	1.5	1.5	1.5	1.6	--	--	3.0	3.3	3.6	3.6	3.9	5.7	5.7	5.6	5.6	4.9	4.1	3.6	3.1	3.2	3.0	2.8	2.8	5.7	84

Saroad Table - Hourly PM2.5 Data
April 2024

Location Brickyard **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2024	3.9	3.9	4.7	13.2	14.1	9.5	10.7	4.3	4.6	5.4	5.7	5.3	5.3	6.3	5.5	5.5	6.7	6.6	6.2	5.9	5.5	5.2	5.8	6.9	6.5	24
4/2/2024	6.4	7.0	7.6	8.1	8.7	8.7	9.3	9.2	7.6	11.5	8.9	10.1	9.9	8.0	9.1	10.3	10.8	9.8	9.6	10.5	9.9	9.1	9.3	9.4	9.1	24
4/3/2024	9.9	10.6	12.2	11.6	11.0	10.9	11.6	11.7	13.7	12.2	8.2	11.1	11.8	9.5	7.4	7.5	8.6	7.2	6.0	7.9	11.7	12.4		14.7	10.4	23
4/4/2024	6.0	12.7	3.7	3.5	3.5	3.5	12.2	18.5	5.0	4.3	4.2	4.4	4.4	4.6	4.8	5.1	5.1	5.0	5.0	11.8	16.1	10.4	17.3	13.6	7.7	24
4/5/2024	11.6	13.9	6.1	6.5	6.6	6.8	8.3	10.7	7.5	6.5	6.2	5.3	5.0	5.0	5.2	5.3	5.2	5.9	5.9	5.5	5.0	7.3	8.9	10.0	7.1	24
4/6/2024		18.2	15.3	9.0	5.8	4.3	3.8	3.9	3.9	4.0	3.9	4.2	4.7	4.7	4.6	4.4	4.4	4.5	4.6	4.1	4.0	4.6	4.1	4.9	5.6	23
4/7/2024	6.0	6.0	5.9	9.9	12.4	15.0	17.0	10.2	6.2	9.0	8.3	10.0	7.6	6.1	5.6	5.5	5.1	4.8	4.5	4.8	4.7	4.6	4.2	4.0	7.4	24
4/8/2024	4.5	5.3	6.1	6.6	7.9	7.7	7.8	7.6	4.2	4.8	5.1	5.1	5.5	5.1	4.4	4.4	4.4	4.1	4.0	4.1	4.2	4.2	4.4	4.9	5.3	24
4/9/2024	4.8	4.5	4.7	4.1	4.6	4.3	3.7	3.3	2.5	2.4	2.7	2.6	2.9	3.2	3.2	3.2	3.3	3.2	86.5	--	--	--	--	--	7.9	19
4/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	7.9	6.2	5.9	5.5	6.0	6.2	5.9	5.7	6.2	6.4	6.6	7.9	6.4	12
4/23/2024	7.6	7.5	8.7	9.4	9.3	9.7	11.0	8.6	7.6	9.1	7.2	7.0	6.2	6.1	6.3	6.1	6.0	6.1	6.3	6.6	6.5	6.1	6.0	5.5	7.4	24
4/24/2024	5.5	5.9	7.1	6.8	6.8	7.4	9.1	8.3	8.0	19.3								17.1	7.7	5.9	5.2	5.3	5.7	5.6	8.0	17
4/25/2024	5.8	7.4	8.3	9.0	11.1	14.4	16.8		19.5	19.5	12.5	10.2	10.8	11.8	14.8	14.0	12.9	12.0	15.5	17.7		19.9	20.7	21.3	13.9	22
4/26/2024	22.1	23.4	25.1			46.4	43.3	21.8	13.2	9.1	7.6	7.0	6.5	6.2	6.1	6.2	6.0	6.0	6.0	6.0	5.8	5.8	5.2	5.0	13.2	22
4/27/2024	4.9	4.9	4.8	4.3	4.1	3.8	3.5	3.5	3.4	3.5	3.4	3.5	3.5	3.3	3.2	3.7	3.8	3.6	3.4	3.3	4.4	3.8	3.8	3.8	3.8	24
4/28/2024	3.7	4.2	5.1	4.5	4.2	4.1	4.2	4.5	4.4	4.3	4.1	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.3	--	--	--	--	--	4.0	19
4/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.6	3.9	3.8	3.6	3.1	2.9	3.0	2.8	2.7	2.6	3.3	10
avg	7.3	9.0	8.4	7.6	7.9	10.4	11.5	9.0	7.4	8.3	6.3	6.4	6.4	6.0	5.9	5.9	6.0	6.4	10.8	6.9	6.6	7.2	7.5	8.0	7.5	
min	3.7	3.9	3.7	3.5	3.5	3.5	3.5	3.3	2.5	2.4	2.7	2.6	2.9	3.2	3.2	3.2	3.3	3.2	3.1	2.9	3.0	2.8	2.7	2.6	3.3	
max	22.1	23.4	25.1	13.2	14.1	46.4	43.3	21.8	19.5	19.5	12.5	11.1	11.8	11.8	14.8	14.0	12.9	17.1	86.5	17.7	16.1	19.9	20.7	21.3	13.9	359

Saroad Table - Hourly PM2.5 Data
April 2024

Location Ocean Terminal **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	7.4	7.2	6.7	6.8	7.1	6.4	6.1	5.6	5.7	6.4	6.0	7.3	6.6	12
4/16/2024	8.3	13.7	53.3	18.8	26.6	19.6	15.1	13.8	11.4	13.5	15.1	9.6	8.5	8.8	25.9	17.5	7.0	6.8	6.2	5.8	3.9	3.1	2.9	3.0	13.3	24
4/17/2024	3.0	2.5	3.3	3.4	4.5	5.6	7.1	4.8	4.0	2.6	2.6	2.9	3.0	3.2	3.2	2.8	2.6	2.3	2.2	1.9	1.9	2.0	1.9	2.0	3.1	24
4/18/2024	2.2	2.1	2.1	2.6	3.2	4.2	5.6	6.4	6.5	9.7	13.7	11.6	9.9	8.6	8.0	8.3	9.3	7.9	7.7	6.5	6.2	6.2	6.2	7.5	6.8	24
4/19/2024	9.5	10.5	11.6	13.5	13.7	13.4	13.8	13.9	15.0	15.8	16.5	15.0	14.0	12.8	12.3	13.3	12.1	11.3	10.3	9.9	10.1	10.3	11.0	12.3	12.6	24
4/20/2024	13.7	14.5	15.8	16.8	17.2	18.1	18.2	17.7	17.2	16.6	16.1	14.9	14.2	12.6	12.4	12.2	12.9	13.2	12.0	12.9	13.4	13.2	14.0	15.0	14.8	24
4/21/2024	15.8	17.9	18.6	17.9	16.6	17.1	18.0	16.7	16.4	15.7	14.6	11.6	7.9	7.1	6.5	4.8	5.7	3.8	3.7	3.4	3.4	2.3	2.1	2.0	10.4	24
4/22/2024	2.4	2.4	2.4	2.6	3.1	2.8	3.1	5.3	7.1	7.0	8.5	10.2	7.0	6.4	6.0	5.9	6.1	6.3	6.0	5.7	6.5	7.0	9.1	9.3	5.7	24
4/23/2024	7.1	8.8	9.4	9.0	11.6	10.9	10.9	9.4	10.3	7.6	7.3	7.1	6.6	6.3	6.5	6.2	6.3	6.2	6.4	6.8	6.5	6.3	6.8	6.0	7.8	24
4/24/2024	5.4	5.4	7.4	8.8	8.8	9.1	11.0	9.9	9.1	19.4	26.6	43.2	51.8	62.3	45.5	29.2	24.9	23.4	8.7	6.2	5.4	5.5	5.5	5.4	18.3	24
4/25/2024	6.4	7.7	8.0	8.7	10.8	14.6	16.9	17.9	18.1	17.5	13.9	10.8	10.6	11.2	13.4	13.8	12.8	11.7	14.2	17.3	19.3	19.9	22.0	22.4	14.2	24
4/26/2024	23.0	24.1	24.3	26.2	48.2	24.8	46.5	26.0	12.7	8.9	7.2	6.6	6.4	6.1	5.7	5.4	5.3	5.2	5.1	5.0	4.9	5.4	5.4	4.7	14.3	24
4/27/2024	4.8	4.7	4.6	4.5	4.2	3.8	3.9	4.0	4.0	3.6	3.8	3.6	3.4	3.2	3.3	3.7	3.8	3.8	3.8	3.6	3.6	3.7	3.7	3.4	3.9	24
4/28/2024	3.8	4.2	4.7	4.5	4.2	4.1	4.6	5.3	4.5	4.2	4.1	4.3	4.2	3.9	3.7	3.4	4.0	3.3	3.0	3.1	3.2	2.9	2.9	3.7	3.9	24
4/29/2024	2.8	2.5	2.3	2.6	3.1	4.6	6.9	5.9	4.1	3.5	3.6	3.7	3.8	3.7	4.0	3.8	3.7	3.2	3.1	2.8	3.0	4.1	3.1	3.6	3.6	24
4/30/2024	4.3	6.1	4.5	4.7	7.9	6.6	5.8	5.3	3.9	3.8	4.3	4.7	5.0	4.8	4.7	5.8	4.2	3.7	3.1	2.9	2.9	2.8	2.6	2.6	4.5	24
avg	7.5	8.5	11.5	9.6	12.2	10.6	12.5	10.8	9.6	10.0	10.5	10.6	10.2	10.5	10.5	8.9	8.0	7.4	6.3	6.2	6.3	6.3	6.6	6.9	9.0	
min	2.2	2.1	2.1	2.6	3.1	2.8	3.1	4.0	3.9	2.6	2.6	2.9	3.0	3.2	3.2	2.8	2.6	2.3	2.2	1.9	1.9	2.0	1.9	2.0	3.1	
max	23.0	24.1	53.3	26.2	48.2	24.8	46.5	26.0	18.1	19.4	26.6	43.2	51.8	62.3	45.5	29.2	24.9	23.4	14.2	17.3	19.3	19.9	22.0	22.4	18.3	372

Saroad Table - Hourly PM2.5 Data
April 2024

Location Cockspur Island **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2024	3.3	3.1	2.7	2.6	3.0	3.1	3.1	3.3	3.3	3.4	4.1	4.1	4.5	5.5	5.2	4.5	5.4	5.2	4.5	4.6	4.5	4.3	4.3	4.4	4.0	24
4/2/2024	4.1	4.3	4.6	5.1	6.2	6.7	6.9	7.1	6.2	5.2	5.2	6.1	6.2	6.4	7.5	7.6	8.4	8.2	8.7	9.0	9.0	8.9	7.7	7.7	6.8	24
4/3/2024	8.7	9.7	11.5	12.4	12.6	13.3	15.2	15.4	13.6	15.6	14.4	9.0	4.0	6.3	6.2	6.4	5.3	5.0	5.6	5.2	4.6	3.9	3.7	3.1	8.8	24
4/4/2024	3.0	2.4	2.6	2.7	2.6	2.7	2.5	3.0	3.3	3.5	3.5	3.5	3.8	4.1	4.3	4.4	4.5	4.7	4.5	3.7	3.2	3.1	4.9	4.7	3.6	24
4/5/2024	4.4	4.3	6.0	5.5	5.9	6.4	10.4	12.6	6.8	6.2	5.9	4.8	4.4	4.3	4.4	4.4	4.3	3.9	3.8	4.2	5.7	7.2	9.5	13.9	6.2	24
4/6/2024	24.1	20.8	8.9	3.3	3.1	3.0	2.8	2.4	2.3	2.4	2.8	3.4	4.4	4.2	4.0	4.3	3.3	3.0	2.6	2.2	2.0	1.6	1.8	1.8	4.8	24
4/7/2024	2.0	1.9	1.8	2.2	2.3	4.0	12.7	10.7	3.8	4.1	4.5	4.7	4.4	5.1	4.6	4.3	4.1	3.9	3.5	3.1	2.9	2.5	2.4	2.5	4.1	24
4/8/2024	2.4	2.2	2.1	2.1	1.8	1.7	1.9	2.9	5.7	4.5	4.7	4.5	4.4	4.4	4.0	3.7	4.2	3.6	3.3	2.7	2.9	2.3	2.1	1.9	3.2	24
4/9/2024	1.5	1.4	1.4	1.4	1.4	1.1	1.2	1.2	1.6	2.2	3.2	2.7	2.9	3.1	3.0	2.4	2.1	1.9	1.6	1.7	2.2	1.3	1.1	0.8	1.8	24
4/10/2024	0.7	1.0	1.2	1.4	1.6	1.6	1.9	2.0	2.1	2.0	2.3	2.6	3.5	3.1	3.3	2.9	2.1	1.9	1.9	2.0	2.0	2.3	2.7	2.8	2.1	24
4/11/2024	3.5	4.3	5.5	5.9	5.7	5.8	6.3	4.6	6.6	4.1	2.2	6.3	7.6	6.1	5.0	6.0	5.6	5.3	4.8	3.0	2.8	2.7	2.3	2.1	4.8	24
4/12/2024	1.1	1.0	1.9	3.0	3.2	3.1	3.2	3.8	4.0	4.0	3.8	3.8	3.8	4.1	4.1	4.1	4.2	4.3	4.3	4.2	4.0	3.7	3.2	3.5	3.5	24
4/13/2024	3.9	3.5	4.4	6.0	4.8	4.4	4.1	4.0	4.2	3.7	3.9	3.8	4.2	4.5	4.4	4.5	4.3	4.1	3.7	3.8	4.5	3.5	3.3	3.9	4.1	24
4/14/2024	5.0	5.0	5.1	5.1	5.9	7.2	7.7	14.2	18.6	10.0	8.4	4.8	5.1	5.0	5.1	5.7	5.3	4.8	4.5	3.9	3.4	3.6	3.0	2.7	6.2	24
4/15/2024	3.1	3.7	4.4	4.5	5.3	5.7	5.6	6.0	7.1	6.7	6.5	7.6	8.1	6.2	5.7	5.7	5.2	5.1	4.7	4.5	4.4	4.0	3.8	3.9	5.3	24
4/16/2024	3.2	3.5	4.1	4.7	5.1	5.5	6.2	8.0	9.4	11.0	12.3	11.8	8.8	8.2	7.0	6.2	6.2	4.8	2.8	2.2	1.3	1.2	1.1	1.3	5.7	24
4/17/2024	1.2	1.2	1.2	1.1	1.9	2.3	2.5	1.5	1.3	1.5	1.4	1.6	1.6	1.7	1.8	1.6	1.3	1.2	1.3	1.3	1.2	1.1	1.1	1.3	1.5	24
4/18/2024	1.3	1.2	1.3	1.4	1.8	2.4	3.1	4.2	5.2	7.5	8.3	8.5	9.8	10.6	10.8	9.6	8.4	6.9	6.6	5.8	5.2	5.0	4.6	4.7	5.6	24
4/19/2024	5.4	6.1	7.0	8.2	8.1	10.1	12.2	13.9	15.0	15.8	17.8	18.1	15.4	19.2	17.8	12.6	11.6	11.0	9.7	9.8	9.7	10.6	11.1	11.9	12.0	24
4/20/2024	11.7	12.2	13.1	14.6	16.1	18.0	18.0	17.4	17.2	17.9	17.8	14.5	15.1	16.5	15.4	13.0	13.3	12.5	11.4	10.3	10.6	12.8	13.1	13.2	14.4	24
4/21/2024	13.7	13.5	15.7	17.3	17.1	16.9	17.2	18.1	19.9	16.9	13.6	12.5	8.7	6.7	5.5	7.8	6.1	3.9	3.4	3.1	2.9	2.5	1.5	1.6	10.2	24
4/22/2024	1.8	2.4	2.5	2.7	2.8	2.9	3.2	5.0	7.1	4.9	4.6	4.7	6.0	7.9	6.2	5.5	5.5	5.2	5.3	5.0	4.8	5.2	4.4	4.7	4.6	24
4/23/2024	4.7	5.2	6.3	5.4	6.3	5.7	6.4	5.8	6.3	7.1	6.6	6.3	6.9	7.1	7.2	7.0	6.6	6.1	5.5	4.6	4.1	3.8	3.5	3.3	5.7	24
4/24/2024	3.1	3.1	2.8	2.7	2.8	3.7	5.3	5.1	4.5	13.8	18.8	23.0	24.3	19.3	14.1	12.7	9.6	6.8	4.7	4.2	4.5	4.6	4.4	4.4	8.4	24
4/25/2024	4.3	4.4	5.7	7.0	9.9	11.7	14.5	19.3	21.0	17.6	15.7	15.0	16.3	14.6	14.3	13.7	14.5	15.2	15.8	17.3	17.9	18.8	19.1	19.7	14.3	24
4/26/2024	21.1	20.0	19.5	19.6	19.9	20.2	21.1	13.4	8.6	7.2	6.8	6.5	6.0	5.8	5.2	5.6	5.5	5.7	4.9	4.9	5.3	4.7	4.7	4.2	10.3	24
4/27/2024	4.3	4.1	3.5	3.5	2.9	2.4	2.3	2.6	3.0	3.3	3.3	3.5	2.9	2.5	3.0	3.1	3.1	2.8	2.5	2.3	2.5	2.9	2.7	3.1	3.0	24
4/28/2024	3.5	4.5	4.2	3.7	3.8	3.7	3.6	3.4	3.7	3.8	3.9	3.9	3.7	3.3	3.2	3.0	2.8	2.6	2.4	2.4	2.2	2.3	2.2	2.2	3.3	24
4/29/2024	2.0	2.0	1.8	1.8	1.7	1.8	1.8	2.2	2.8	3.0	3.1	3.1	3.3	3.2	3.1	2.8	2.7	2.4	2.1	1.9	1.8	1.7	1.7	1.6	2.3	24
4/30/2024	1.8	1.9	2.0	2.2	2.3	2.5	2.5	2.6	2.8	2.9	3.2	3.0	3.1	3.1	3.3	3.2	3.0	2.6	2.1	2.0	1.9	1.7	1.8	1.7	2.5	24
avg	5.1	5.1	5.2	5.3	5.6	6.0	6.8	7.2	7.2	7.1	7.1	6.9	6.8	6.7	6.3	5.9	5.6	5.1	4.7	4.5	4.5	4.5	4.4	4.6	5.8	
min	0.7	1.0	1.2	1.1	1.4	1.1	1.2	1.2	1.3	1.5	1.4	1.6	1.6	1.7	1.8	1.6	1.3	1.2	1.3	1.3	1.2	1.1	1.1	0.8	1.5	
max	24.1	20.8	19.5	19.6	19.9	20.2	21.1	19.3	21.0	17.9	18.8	23.0	24.3	19.3	17.8	13.7	14.5	15.2	15.8	17.3	17.9	18.8	19.1	19.7	14.4	720

Saroad Table - Hourly PM2.5 Data
April 2024

Location Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.9	5.3	5.0	5.3	5.6	5.4	5.7	5.6	13.1	23.2	8.1	10
4/2/2024	7.8	23.8	17.7	16.9	11.1	8.9	8.9	11.8	11.5	8.7	7.5	7.8	8.5	7.4	8.4	14.5	9.6	9.6	9.6	12.4	11.2	8.9	8.9	9.0	10.9	24
4/3/2024	9.3	10.0	11.3	11.5	10.5	10.7	10.7	13.4	13.6	11.9	8.8	7.4	6.9	7.7	11.6	8.4	6.2	6.0	11.6	6.8	5.1	5.6	4.3	4.3	8.9	24
4/4/2024	3.6	3.5	3.6	3.3	3.5	5.3	3.9	4.8	4.8	4.2	4.4	4.4	4.5	4.7	5.1	5.1	4.9	4.8	4.9	4.7	6.1	5.7	5.5	5.5	4.6	24
4/5/2024	5.3	5.4	5.4	5.7	6.8	8.6	8.6	7.7	6.5	6.4	5.7	5.1	5.1	5.1	5.2	5.1	4.8	4.8	4.8	5.3	11.2	19.8	7.9	12.3	7.0	24
4/6/2024		17.4		14.1	7.5	4.7	6.0	5.8	4.1	4.5	4.7	5.0	5.1	5.1	4.8	4.8	4.6	4.4	4.7	4.0	3.7	4.1	3.9	3.7	5.8	22
4/7/2024	3.8	11.8	15.9			15.5	15.0	15.3	7.5	6.2	7.0	9.5	8.0	6.4	5.9	5.9	5.4	5.0	4.6	4.8	4.7	4.4	4.0	4.1	7.8	22
4/8/2024	4.3	4.9	5.4	5.3	5.7	7.4	7.1	7.1	4.0	4.5	5.0	5.2	5.5	5.2	4.4	4.4	4.2	3.9	3.9	4.2	3.9	4.0	4.4	4.7	5.0	24
4/9/2024	5.2	4.4	4.3	4.3	4.1	3.9	4.2	3.9	3.0	3.2	3.6	3.6	3.9	3.7	3.8	3.8	3.3	3.3	10.5	153.3	--	--	--	--	11.7	20
4/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--												--	0
4/20/2024																									--	0
4/21/2024																									--	0
4/22/2024			--	--	--	--	--	--	--					5.3	5.0	4.6	4.9	4.8							4.9	5
4/23/2024										5.7	5.8	5.6	5.6	--	--	--	--	--	--	--	--	--	--	--	5.7	4
4/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/26/2024	--	--	--	--	--	--	--	--			5.9	--	--	--	--	--	--	--	--	--	--	--	--	--	5.9	1
4/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/30/2024	--	--	--	--	--	--	--	--	--	--	--	3.7	5.1	5.1	5.1	4.8	4.4	4.0	--	--	--	--	--	--	4.6	7
avg	5.6	10.1	9.1	8.7	7.0	8.1	8.1	8.7	6.9	6.2	5.8	5.7	5.8	5.6	6.0	6.1	5.2	5.1	6.7	22.3	6.4	7.2	6.5	8.3	7.0	
min	3.6	3.5	3.6	3.3	3.5	3.9	3.9	3.9	3.0	3.2	3.6	3.6	3.9	3.7	3.8	3.8	3.3	3.3	3.9	4.0	3.7	4.0	3.9	3.7	4.6	
max	9.3	23.8	17.7	16.9	11.1	15.5	15.0	15.3	13.6	11.9	8.8	9.5	8.5	7.7	11.6	14.5	9.6	9.6	11.6	153.3	11.2	19.8	13.1	23.2	11.7	211

Saroad Table - Hourly PM2.5 Data
April 2024

Location Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2024	0.43	0.76	0.39	0.42	0.28	0.27	0.38	0.34	0.57	0.30	0.22	0.55	2.35	1.86	0.42	0.20	0.21	0.22	0.25	0.49	0.56	0.40	0.40	0.58	0.54	24
4/2/2024	0.68	0.69	0.71	1.03	1.72	0.92	0.89	0.91	0.78	0.48	0.42	0.30	2.13	2.01	0.29	0.35	0.39	0.79	1.46	0.58	0.80	0.62	0.55	0.55	0.84	24
4/3/2024	0.53	0.62	0.60	0.54	0.50	0.52	0.73	0.67	0.78	0.82	0.55	0.32	0.40	0.47	0.49	0.29	0.27	0.27	0.31	0.39	0.32	0.22	0.22	0.19	0.46	24
4/4/2024	0.20	0.24	0.27	0.15	0.18	0.26	0.28	0.20	0.09	0.12	0.13	0.10	0.12	0.11	0.11	0.12	0.15	0.13	0.19	0.23	0.48	0.50	0.60	0.52	0.23	24
4/5/2024	0.41	0.31	0.26	0.29	0.30	0.46	0.76	0.71	0.47	0.29	0.17	0.13	0.14	0.18	0.13	0.14	0.17	0.17	0.22	0.29	0.34	0.54	0.79	0.69	0.35	24
4/6/2024	0.88	0.70	0.45	0.36	0.57	0.44	0.66	0.20	0.18	0.19	0.15	0.14	0.11	0.13	0.12	0.08	0.15	0.17	0.25	0.39	0.33	0.70	0.81	0.64	0.37	24
4/7/2024	1.01	1.16	1.35	1.18	0.91	0.71	0.65	0.77	0.22	0.25	0.29	0.53	0.49	0.41	0.42	0.27	0.31	0.24	0.31	0.25	0.32	0.49	0.73	0.67	0.58	24
4/8/2024	0.76	1.04	1.04	0.94	0.72	0.61	0.79	1.87	0.45	0.29	0.60	0.46	0.22	0.28	0.29	0.40	0.37	0.30	0.25	0.32	0.28	0.46	0.65	0.66	0.58	24
4/9/2024	0.94	1.21	1.17	1.20	0.99	3.00	1.82	1.29	0.75	0.17	0.10	0.09	0.12	0.15	0.19	0.24	0.28	0.31	0.46	0.66	0.43	0.48	0.30	0.18	0.69	24
4/10/2024	0.16	0.09	0.11	0.23	1.11	0.35	0.56	1.93	0.99	0.25	0.17	0.17	0.26	0.17	0.22	0.17	0.20	0.15	0.28	0.45	0.28	0.42	0.14	0.14	0.38	24
4/11/2024	0.26	0.14	0.17	0.26	0.22	0.23	0.64	0.37	0.21	0.28	0.68	0.22	0.21	0.25	0.32	0.31	0.34	0.13	0.16	0.15	0.65	0.33	0.13	0.06	0.28	24
4/12/2024	0.06	0.09	0.15	0.20	0.24	0.28	0.33	0.25	0.23	0.20	0.13	0.11	0.11	0.13	0.11	0.12	0.16	0.13	0.19	0.20	0.17	0.22	0.15	0.25	0.18	24
4/13/2024	0.24	0.31	0.35	0.36	0.27	0.35	0.30	0.25	0.16	0.14	0.12	0.11	0.12	0.11	0.11	0.09	0.12	0.09	0.16	0.20	0.33	0.64	1.38	0.94	0.30	24
4/14/2024	0.83	0.83	0.63	0.48	0.47	0.52	0.72	0.59	0.51	0.53	0.44	0.34	0.29	0.26	0.25	0.23	0.44	0.52	0.68	0.54	0.34	0.27	0.21	0.22	0.46	24
4/15/2024	0.25	0.38	0.45	0.49	0.60	0.56	0.74	0.54	0.51	0.47	0.46	0.36	0.46	0.37	0.30	0.34	0.36	0.34	0.45	0.51	0.54	0.51	0.57	0.80	0.47	24
4/16/2024	0.95	0.85	0.78	0.69	0.94	1.27	1.39	1.69	1.61	1.32	1.29	0.66	0.57	0.52	0.71	1.18	0.61	0.51	0.69	0.34	0.36	0.39	0.51	0.48	0.85	24
4/17/2024	0.29	0.32	0.49	0.62	0.54	0.64	1.26	1.24	0.48	0.18	0.15	0.08	0.12	0.23	0.32	0.13	0.33	0.19	0.22	0.23	0.25	0.16	0.12	0.29	0.37	24
4/18/2024	0.26	0.21	0.19	0.17	0.45	0.95	1.04	1.01	0.82	0.87	1.83	1.10	0.68	0.52	0.53	0.44	0.60	0.61	0.58	0.58	0.64	0.57	1.55	1.45	0.74	24
4/19/2024	1.01	1.06	1.04	0.99	0.95	1.12	1.26	1.60	1.57	0.82	0.79	0.54	0.55	0.52	0.60	0.65	0.62	0.61	0.64	0.66	0.70	0.68	0.73	0.86	0.86	24
4/20/2024	1.31	1.70	1.86	1.15	0.98	1.02	1.09	0.87	0.67	0.82	0.89	0.56	0.48	0.45	0.45	0.53	0.59	0.62	0.66	0.76	0.84	0.60	0.68	1.00	0.86	24
4/21/2024	0.91	0.97	1.04	0.71	0.58	0.63	0.74	0.68	0.53	0.51	0.54	0.39	1.70	3.74	1.64	0.31	0.34	0.29	0.25	0.31	0.31	0.22	0.22	0.30	0.74	24
4/22/2024	0.15	0.30	0.23	0.40	0.58	0.42	0.54	0.44	0.50	0.39	0.50	0.37	0.36	0.30	0.22	0.26	0.28	0.24	0.35	0.41	0.65	0.55	0.55	2.02	0.46	24
4/23/2024	1.50	1.02	1.31	1.81	2.04	2.87	3.76	4.46	1.78	0.51	1.03	0.29	0.31	0.31	0.25	0.25	0.30	0.34	0.43	0.40	0.46	0.79	0.77	0.52	1.15	24
4/24/2024	0.54	1.15	1.15	1.02	1.00	0.95	1.31	0.71	0.75	1.46	1.61	1.77	2.07	1.95	1.86	1.83	1.46	1.62	1.58	0.42	0.32	0.31	0.31	0.32	1.15	24
4/25/2024	0.34	0.44	0.47	0.54	0.70	0.80	1.24	1.35	1.91	1.49	0.94	0.53	0.65	0.50	0.52	0.67	0.65	0.58	0.67	0.88	1.30	1.56	1.43	1.47	0.90	24
4/26/2024	1.65	1.64	1.25	0.99	1.27	3.21	3.12	2.29	0.61	0.53	0.42	0.35	0.30	0.78	0.22	0.22	0.18	0.19	0.30	0.40	0.39	0.32	0.42	0.28	0.89	24
4/27/2024	0.56	0.48	0.58	0.39	0.52	1.12	0.94	0.34	0.17	0.33	0.13	0.16	0.23	0.16	0.12	0.13	0.20	0.26	0.50	1.49	0.75	0.45	0.35	0.38	0.45	24
4/28/2024	0.34	0.21	0.50	0.17	0.13	0.26	0.34	0.13	0.11	0.14	0.11	0.22	0.11	0.08	0.10	0.44	0.45	0.30	0.54	0.77	0.53	0.31	0.23	0.27	0.28	24
4/29/2024	0.45	0.60	0.37	0.27	0.77	1.14	1.64	3.29	0.33	0.14	0.10	0.19	0.12	0.07	0.11	0.09	0.12	0.09	0.12	0.55	0.28	0.28	0.33	0.42	0.49	24
4/30/2024	0.46	0.81	0.93	1.02	1.06	2.16	2.36	1.72	0.21	0.17	0.19	0.13	0.13	0.13	0.20	0.19	0.12	0.25	0.17	0.19	0.11	0.19	0.46	0.13	0.56	24
avg	0.61	0.68	0.68	0.64	0.72	0.94	1.08	1.09	0.63	0.48	0.50	0.38	0.53	0.57	0.39	0.36	0.36	0.36	0.44	0.47	0.47	0.47	0.54	0.58	0.58	
min	0.06	0.09	0.11	0.15	0.13	0.23	0.28	0.13	0.09	0.12	0.10	0.08	0.11	0.07	0.10	0.08	0.12	0.09	0.12	0.15	0.11	0.16	0.12	0.06	0.18	
max	1.65	1.70	1.86	1.81	2.04	3.21	3.76	4.46	1.91	1.49	1.83	1.77	2.35	3.74	1.86	1.83	1.46	1.62	1.58	1.49	1.30	1.56	1.55	2.02	1.15	720

Saroad Table - Hourly PM2.5 Data
April 2024

Location Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2024	--	--	--	--	--	--	--	--	--	--	0.17	0.20	0.20	0.32	0.36	0.26	0.25	0.24	0.24	0.24	0.26	0.22	0.23	0.22	0.24	14
4/2/2024	0.24	0.28	0.25	0.26	0.40	0.26	0.19	0.20	0.23	0.20	0.21	0.27	0.36	0.46	0.43	0.48	0.50	0.49	0.48	0.43	0.41	0.43	0.51	0.53	0.35	24
4/3/2024	0.58	0.68	0.74	0.70	0.71	0.56	0.60	0.57	0.38	0.18	0.25	0.24	0.18	0.17	0.19	0.21	0.19	0.16	0.16	0.14	0.13	0.15	0.12	0.11	0.34	24
4/4/2024	0.13	0.11	0.12	0.11	0.10	0.11	0.10	0.11	0.11	0.12	0.09	0.09	0.11	0.11	0.12	0.13	0.15	0.16	0.18	0.28	0.29	0.29	0.28	0.51	0.16	24
4/5/2024	0.57	0.57	0.58	0.87	1.21	0.35	0.29	0.32	0.18	0.14	0.12	0.13	0.23	0.13	0.13	0.15	0.25	0.34	0.43	0.69	0.77	0.81	0.72	0.58	0.44	24
4/6/2024	0.33	0.27	0.20	0.19	0.20	0.11	0.08	0.11	0.13	0.12	0.13	0.10	0.19	0.14	0.13	0.12	0.10	0.10	0.12	0.17	0.17	0.15	0.14	0.20	0.15	24
4/7/2024	0.30	0.24	0.36	0.72	0.73	0.27	0.25	0.15	0.20	0.21	0.18	0.16	0.17	0.17	0.15	0.19	0.13	0.13	0.12	0.13	0.12	0.13	0.12	0.11	0.23	24
4/8/2024	0.11	0.11	0.11	0.11	0.11	0.27	0.16	0.16	0.13	0.14	0.18	0.20	0.16	0.18	0.17	0.17	0.15	0.21	0.16	0.13	0.16	0.18	0.12	0.14	0.15	24
4/9/2024	0.12	0.10	0.11	0.11	0.09	0.07	0.05	0.05	0.06	0.06	0.10	0.15	0.44	0.20	0.30	0.20	0.27	0.28	0.24	0.19	0.14	0.09	0.06	0.06	0.15	24
4/10/2024	0.08	0.06	0.07	0.10	0.20	0.09	0.06	0.07	0.08	0.23	0.09	0.11	0.13	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.22	0.32	0.22	0.12	24
4/11/2024	0.23	0.30	0.17	0.24	0.20	0.32	0.24	0.19	0.23	0.26	0.17	0.15	0.24	0.29	0.23	0.16	0.10	0.16	0.15	0.08	0.05	0.03	0.04	0.10	0.18	24
4/12/2024	0.14	0.17	0.18	0.19	0.19	0.18	0.17	0.12	0.11	0.10	0.10	0.08	0.09	0.09	0.10	0.11	0.13	0.29	0.19	0.17	0.28	0.27	0.22	0.32	0.17	24
4/13/2024	0.29	0.36	0.51	0.28	0.25	0.25	0.11	0.13	0.09	0.11	0.13	0.12	0.16	0.15	0.15	0.19	0.20	0.32	--	--	--	--	--	--	0.21	18
4/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/15/2024	--	--	--	--	--	--	--	--	--	--	0.21	0.21	0.23	0.21	0.22	0.25	0.24	0.24	0.25	0.25	0.25	0.21	0.21	0.23	--	14
4/16/2024	0.29	0.34	0.39	0.43	0.45	0.46	0.55	0.66	0.65	0.57	0.47	0.40	0.38	0.36	0.36	0.29	0.28	0.27	0.17	0.14	0.20	0.15	0.12	0.18	--	24
4/17/2024	0.10	0.13	0.15	0.52	0.06	0.07	0.05	0.06	0.07	0.06	0.06	0.05	0.07	0.08	0.10	0.09	0.10	0.07	0.07	0.07	0.06	0.08	0.06	0.07	--	24
4/18/2024	0.07	0.06	0.06	0.10	0.17	0.17	0.43	0.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8
4/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
4/30/2024	--	--	--	--	--	--	--	--	--	--	0.03	0.04	0.05	0.05	0.05	0.06	0.05	0.04	0.03	0.03	0.03	0.05	0.05	0.04	0.04	14
avg	0.24	0.25	0.27	0.33	0.34	0.24	0.22	0.22	0.19	0.18	0.16	0.16	0.20	0.19	0.19	0.19	0.19	0.21	0.19	0.20	0.21	0.22	0.21	0.23	0.21	
min	0.07	0.06	0.06	0.10	0.06	0.07	0.05	0.05	0.06	0.06	0.03	0.04	0.05	0.05	0.05	0.06	0.05	0.04	0.03	0.03	0.03	0.03	0.04	0.04	0.04	
max	0.58	0.68	0.74	0.87	1.21	0.56	0.60	0.66	0.65	0.57	0.47	0.40	0.44	0.46	0.43	0.48	0.50	0.49	0.48	0.69	0.77	0.81	0.72	0.58	0.44	380

Saroad Table - Hourly PM2.5 Data
April 2024

Location Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2024	0.23	0.32	0.43	0.70	0.58	0.67	0.96	0.54	0.47	0.84	0.64	0.39	0.34	0.76	0.29	0.30	0.35	0.31	0.49	0.53	0.42	0.45	0.43	0.57	0.50	24
4/2/2024	0.40	0.44	0.51	0.72	0.54	0.52	0.98	0.72	0.67	0.70	0.59	0.54	0.48	0.39	0.40	0.40	0.56	0.59	0.66	0.69	0.62	0.61	0.55	0.49	0.57	24
4/3/2024	0.51	0.50	0.57	0.51	0.57	0.69	0.80	0.90	1.11	1.07	1.12	0.61	0.67	0.61	0.58	0.46	0.37	0.47	0.44	0.49	0.63	0.33	1.20	0.54	0.66	24
4/4/2024	0.30	0.64	0.25	0.22	0.22	0.36	0.79	0.73	0.48	0.22	0.16	0.15	0.14	0.20	0.14	0.14	0.14	0.22	0.23	0.47	0.92	0.86	0.82	0.60	0.39	24
4/5/2024	0.56	0.68	0.37	0.48	0.71	0.99	1.54	1.19	0.83	0.75	0.36	0.25	0.17	0.23	0.25	0.19	0.20	0.25	0.24	0.88	0.63	0.61	0.91	1.35	0.61	24
4/6/2024	1.68	0.84	0.67	0.49	0.30	0.20	0.47	0.50	0.17	0.10	0.28	0.42	0.81	2.65	1.30	0.52	0.42	0.19	0.23	0.30	0.25	0.49	0.30	0.29	0.58	24
4/7/2024	0.49	0.53	0.62	1.85	1.37	1.32	1.18	0.56	0.38	0.54	0.48	0.45	0.41	0.35	0.41	0.43	0.37	0.38	0.29	0.31	1.09	1.60	0.26	0.24	0.66	24
4/8/2024	0.26	0.42	0.44	0.41	0.84	1.34	2.19	2.38	0.35	0.35	0.75	0.41	0.48	0.30	0.42	0.16	0.20	0.27	0.38	0.37	0.95	0.87	0.71	0.55	0.66	24
4/9/2024	0.31	0.50	0.65	0.86	0.88	0.51	0.63	1.06	0.41	0.20	0.18	0.17	0.21	0.22	0.37	0.56	0.93	1.12	0.94	0.74	1.13	0.63	0.69	0.30	0.59	24
4/10/2024	0.16	0.09	0.08	0.16	0.27	0.30	0.69	0.99	0.41	0.30	0.44	0.35	0.35	0.37	0.59	0.19	0.32	0.28	0.90	0.79	0.83	0.28	0.37	0.26	0.41	24
4/11/2024	0.26	0.14	0.14	0.19	0.46	0.35	0.49	0.45	0.43	0.52	0.57	0.35	0.30	0.41	0.40	0.41	0.42	0.26	0.19	0.25	0.27	0.17	0.33	0.07	0.33	24
4/12/2024	0.13	0.19	0.34	0.39	0.29	0.36	0.49	0.50	0.43	0.28	0.19	0.17	0.18	0.19	0.21	0.21	0.22	0.22	0.19	0.17	0.17	0.16	0.18	0.63	0.27	24
4/13/2024	0.39	0.35	0.49	0.37	0.22	0.29	0.31	0.31	1.18	2.29	0.70	0.22	0.28	0.15	0.11	0.10	0.14	0.18	0.28	0.54	1.11	1.82	1.76	1.10	0.61	24
4/14/2024	1.12	1.23	0.77	0.65	0.55	0.65	0.85	0.74	0.93	3.55	2.08	0.62	0.88	0.77	0.69	0.40	1.24	0.33	0.32	0.37	0.38	0.24	0.22	0.22	0.82	24
4/15/2024	0.33	0.34	0.45	0.45	0.55	0.97	1.33	1.29	0.75	0.66	0.75	0.99	0.46	0.40	0.37	0.36	0.39	0.44	0.47	0.43	0.45	0.48	0.53	0.51	0.59	24
4/16/2024	0.68	0.60	0.67	0.67	0.81	1.35	1.82	1.33	1.48	1.57	1.52	0.75	0.59	0.63	1.56	0.64	0.54	0.55	0.48	0.52	0.42	0.36	0.35	0.34	0.84	24
4/17/2024	0.32	0.28	0.29	0.24	0.27	0.42	0.83	0.68	0.32	0.40	0.29	0.23	0.21	0.22	0.22	0.16	0.17	0.15	0.16	0.19	0.23	0.17	0.21	0.10	0.28	24
4/18/2024	0.10	0.07	0.09	0.11	0.18	0.65	1.00	0.91	1.05	2.78	2.47	1.10	0.73	0.62	0.53	0.58	0.69	0.57	0.52	0.46	0.43	0.51	0.45	0.59	0.72	24
4/19/2024	0.72	0.78	0.91	0.93	1.04	1.08	1.16	1.41	1.72	1.28	2.16	1.65	1.05	0.88	1.18	0.90	0.94	0.56	0.56	0.54	0.60	0.63	0.71	0.75	1.01	24
4/20/2024	0.88	0.95	1.09	1.13	1.21	1.42	1.32	1.13	0.72	0.68	1.44	0.73	0.62	0.50	0.68	0.47	0.50	0.57	0.68	0.96	0.76	0.87	1.06	1.08	0.89	24
4/21/2024	1.30	1.01	0.83	0.71	0.61	0.61	0.63	1.48	0.74	0.67	0.57	0.43	0.38	0.26	0.30	0.99	0.69	0.29	0.88	0.89	1.96	1.55	0.15	0.17	0.75	24
4/22/2024	0.13	0.43	0.32	0.35	0.71	0.39	0.19	0.22	0.25	0.59	0.28	0.24	0.41	0.32	3.25	4.23	1.09	0.49	0.51	0.34	0.27	0.44	0.40	0.34	0.67	24
4/23/2024	0.41	0.31	0.45	0.27	0.35	0.35	0.46	0.36	0.47	0.28	0.31	0.27	0.45	0.44	0.36	0.28	0.31	0.55	0.55	0.55	0.64	0.58	0.53	0.45	0.42	24
4/24/2024	0.35	0.23	0.38	0.74	0.90	1.31	1.28	1.05	1.06	1.39	1.89	2.05	2.37	3.14	2.27	1.97	1.72	1.18	0.60	0.48	1.56	0.47	0.40	0.35	1.21	24
4/25/2024	0.36	0.36	0.44	0.48	0.69	1.04	1.46	1.74	4.51	2.66	1.29	0.78	0.62	0.60	1.24	1.04	0.72	0.86	1.77	1.52	1.59	1.42	1.34	1.35	1.24	24
4/26/2024	1.28	1.08	1.00	1.58	1.16	1.08	1.06	1.02	0.67	0.66	0.55	0.40	1.30	0.66	0.33	0.26	0.20	0.23	1.02	0.54	0.23	0.17	0.18	0.18	0.70	24
4/27/2024	0.15	0.18	0.20	0.17	0.16	0.11	0.39	0.11	0.23	0.06	0.25	0.33	0.42	0.31	0.60	0.26	0.26	0.43	1.20	0.46	0.32	0.31	0.35	0.22	0.31	24
4/28/2024	0.26	0.29	0.24	0.23	0.30	0.27	0.26	0.17	0.19	0.16	0.15	0.20	0.53	0.22	0.35	0.10	0.08	0.13	0.59	0.17	0.14	0.16	0.18	0.28	0.23	24
4/29/2024	0.39	0.32	0.36	0.17	0.51	0.51	0.37	0.81	0.18	0.27	0.15	0.20	0.19	0.21	0.30	0.20	0.15	0.29	0.61	0.41	0.62	0.23	0.47	1.05	0.37	24
4/30/2024	0.86	0.35	0.15	0.19	0.36	0.57	0.61	0.49	0.23	0.16	0.25	0.12	0.18	0.22	0.21	0.17	0.12	0.14	0.14	0.14	0.14	0.14	0.11	0.09	0.26	24
avg	0.51	0.48	0.47	0.55	0.59	0.69	0.89	0.86	0.76	0.87	0.76	0.52	0.54	0.57	0.66	0.57	0.48	0.42	0.55	0.52	0.66	0.59	0.54	0.50	0.61	
min	0.10	0.07	0.08	0.11	0.16	0.11	0.19	0.11	0.17	0.06	0.15	0.12	0.14	0.15	0.11	0.10	0.08	0.13	0.14	0.14	0.14	0.14	0.11	0.07	0.23	
max	1.68	1.23	1.09	1.85	1.37	1.42	2.19	2.38	4.51	3.55	2.47	2.05	2.37	3.14	3.25	4.23	1.72	1.18	1.77	1.52	1.96	1.82	1.76	1.35	1.24	720

Saroad Table - Hourly PM2.5 Data
May 2024

Location Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
5/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
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min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0

Saroad Table - Hourly PM2.5 Data
May 2024

Location Carver Village **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
5/1/2024	3.0	3.1	3.2	3.7	4.2	4.5	18.8	6.2	8.8	9.1	9.6	9.0	8.8	8.9	9.2	9.5	9.4	9.0	7.8	6.9	7.6	7.9	10.2	9.0	7.8	24
5/2/2024	8.9	8.5	8.7	9.0	8.9	9.7	9.4	9.1	12.6	9.0	8.4	7.4	7.5	6.8	6.1	5.6	5.4	4.8	4.5	4.4	4.2	4.2	3.8	4.1	7.1	24
5/3/2024	4.0	3.9	4.3	4.5	5.0	5.3	6.1	7.5	4.9	5.0	5.1	5.2	4.5	4.6	4.6	4.2	4.0	3.5	3.3	3.0	3.3	3.1	3.3	3.0	4.4	24
5/4/2024	3.2	3.5	3.8	3.9	3.8	3.7	4.0	4.2	3.7	4.0	3.8	4.0	3.4	3.3	3.8	3.4	3.1	3.0	6.9	2.7	3.4	3.3	2.9	2.7	3.6	24
5/5/2024	2.8	2.6	2.6	3.0	3.3	3.6	4.5	4.0	3.5	4.0	4.8	4.9	4.6	4.2	4.1	4.1	3.9	3.2	3.6	3.7	3.3	3.3	3.1	3.1	3.7	24
5/6/2024	3.3	3.2	3.3	3.3	3.2	3.5	3.7	4.0	4.3	4.7	6.1	6.2	6.9	6.8	6.5	5.9	5.3	4.7	4.0	3.7	2.7	2.5	2.8	3.7	4.3	24
5/7/2024	2.9	2.3	2.6	3.2	3.6	4.1	4.7	5.1	6.3	7.0	7.6	7.2	7.8	7.7	7.7	7.6	8.2	--	--	--	--	--	--	--	5.6	17
5/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
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5/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/31/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	4.0	3.9	4.1	4.4	4.6	4.9	7.3	5.7	6.3	6.1	6.5	6.3	6.2	6.1	6.0	5.8	5.6	4.7	5.0	4.1	4.1	4.1	4.3	4.3	5.2	
min	2.8	2.3	2.6	3.0	3.2	3.5	3.7	4.0	3.5	4.0	3.8	4.0	3.4	3.3	3.8	3.4	3.1	3.0	3.3	2.7	2.7	2.5	2.8	2.7	3.6	
max	8.9	8.5	8.7	9.0	8.9	9.7	18.8	9.1	12.6	9.1	9.6	9.0	8.8	8.9	9.2	9.5	9.4	9.0	7.8	6.9	7.6	7.9	10.2	9.0	7.8	161

Saroad Table - Hourly PM2.5 Data
May 2024

Location Woodville **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
5/1/2024	3.1	3.6	3.8	4.4	4.7	5.4	8.0	9.3	7.2	7.4	7.9	8.3	7.7	7.5	7.9	9.4	8.8	8.0	7.1	6.4	6.5	7.0	7.9	8.2	6.9	24
5/2/2024	7.6	7.7	7.4	7.9	8.5	9.3	11.0	9.0		10.5	7.2	6.9	7.4	6.6	5.9	5.6	5.2	4.7	4.3	4.1	3.8	3.8	3.9	4.4	6.6	23
5/3/2024	4.4	4.5	8.0					9.1	6.1	5.1	5.3	5.1	4.8	4.7	4.6	4.3	4.0	3.4	3.0	2.7	2.9	3.0	3.1	3.5	4.6	20
5/4/2024	3.4	3.6	3.8	4.2	4.2	4.6	5.2	4.1	3.4	3.4	3.5	4.6	5.0	3.5	3.8	3.4	2.8	2.7	2.4	2.4	2.5	3.1	2.5	2.6	3.5	24
5/5/2024	2.8	3.0	3.1	3.2	3.4	4.2	5.5	5.1	3.3	4.2	4.7	5.1	4.5	4.3	3.8	4.4	4.7	3.2	3.3	3.1	3.1	3.1	3.1	3.2	3.8	24
5/6/2024	3.3	3.5	3.4	3.4	3.6	3.7	3.8	3.7	4.1	4.6	5.5	6.6	6.5	7.7	6.5	6.0	5.0	4.3	3.6	3.7	3.2	2.8	2.8	3.8	4.4	24
5/7/2024	2.8	2.5	2.4	3.0	3.5	3.9	4.5	5.8	8.1	7.1	6.9	6.9	7.1	7.5	7.5	7.0	7.2	7.3	6.9	7.4	6.9	6.5	6.4	6.5	5.9	24
5/8/2024	6.7	7.1	8.6	9.2	9.3	10.1	9.6	10.7	8.9	9.4	8.6	6.7	6.9	6.9	7.5	7.7	8.4	8.5	8.3	7.9	8.0	7.7	7.4	8.0	8.2	24
5/9/2024	7.6	7.6	8.3	8.6	8.0	8.6	11.3	17.8		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.7	8
5/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
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5/23/2024	--	--	--	--	--	--	--	--	2.4	2.7	2.8	3.4	3.5	4.1	3.4	2.8	3.3	2.9	2.5	1.7	1.3	0.9	1.0	1.0	2.5	16
5/24/2024	0.8	0.8	1.0	1.2	1.5	1.5	1.7	2.3											1.3	1.4	1.4		1.5		1.4	12
5/25/2024																									--	0
5/26/2024																									--	0
5/27/2024															7.6	8.2				8.7					8.2	3
5/28/2024																									--	0
5/29/2024										4.5	4.3	4.5	4.4	4.3	4.5	4.7	4.7	4.5	4.3	4.2					4.5	11
5/30/2024										5.0	5.2	4.9	4.9	4.9	5.0	5.3	5.2								5.0	8
5/31/2024														5.9	6.1	5.9			4.8	4.1					5.4	5
avg	4.2	4.4	5.0	5.0	5.2	5.7	6.7	7.7	5.4	5.8	5.6	5.7	5.7	5.7	5.7	5.7	5.4	4.9	4.3	4.4	4.0	4.2	4.0	4.6	5.4	
min	0.8	0.8	1.0	1.2	1.5	1.5	1.7	2.3	2.4	2.7	2.8	3.4	3.5	3.5	3.4	2.8	2.8	2.7	1.3	1.4	1.3	0.9	1.0	1.0	1.4	
max	7.6	7.7	8.6	9.2	9.3	10.1	11.3	17.8	8.9	10.5	8.6	8.3	7.7	7.7	7.9	9.4	8.8	8.5	8.3	8.7	8.0	7.7	7.9	8.2	9.7	250

Saroad Table - Hourly PM2.5 Data
May 2024

Location GA DNR **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
5/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
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5/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/31/2024	--	--	--	--	--	--	--	--	--	--	--	--	7.4	7.9	7.9	7.5	7.9	7.7	6.8	6.1	6.0	6.6	6.3	6.2	7.0	12
avg	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	7.4	7.9	7.9	7.5	7.9	7.7	6.8	6.1	6.0	6.6	6.3	6.2	7.0	
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	7.9	7.9	7.5	7.9	7.7	6.8	6.1	6.0	6.6	6.3	6.2	7.0	
max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	7.9	7.9	7.5	7.9	7.7	6.8	6.1	6.0	6.6	6.3	6.2	7.0	12

Saroad Table - Hourly PM2.5 Data
May 2024

Location West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
5/1/2024	3.0	3.0	3.2	3.5	4.4	4.8	5.5	7.6	8.7	10.1	9.6	11.7	10.9	8.5	9.8	10.3	9.7	9.4	7.7	11.6	13.4	8.5	10.0	13.0	8.2	24
5/2/2024	10.9	9.2	10.1	17.8	10.9	6.3	6.5	9.7	12.0	8.2	8.4	7.9	8.5	7.3	6.6	6.3	5.9	5.3	4.8	4.7	4.3	4.1	4.1	4.4	7.7	24
5/3/2024	4.0	4.5	5.2	6.3	5.8	7.1	8.7	11.5	4.7	5.5	5.8	5.5	5.0	5.0	4.8	4.8	4.4	3.9	3.3	3.3	3.6	3.5	3.4	3.2	5.1	24
5/4/2024	3.4	3.6	3.8	4.5	4.1	4.6	4.4	4.2	3.8	4.2	4.0	4.5	4.1	4.4	4.7	3.9	3.4	3.2	2.9	3.3	3.8	3.2	2.8	2.8	3.8	24
5/5/2024	2.9	3.0	2.8	2.9	3.2	4.0	4.9	4.2	3.7	4.3	5.2	5.4	5.2	4.8	4.3	4.2	4.5	3.5	3.6	3.7	3.6	3.6	3.4	3.4	3.9	24
5/6/2024	3.8	3.6	3.5	4.1	3.8	5.0	3.9	4.2	4.6	5.1	6.7	8.3	8.6	7.7	7.0	6.7	5.9	5.0	4.4	3.6	3.1	2.7	2.8	3.8	4.9	24
5/7/2024	3.2	2.6	2.8	3.2	3.7	4.2	4.9	5.6	6.3	7.6	7.8	7.6	8.0	8.4	8.3	8.2	8.6	8.8	8.2	8.7	8.3	7.3	7.3	7.3	6.5	24
5/8/2024	7.5	7.9	9.1	10.5	10.2	10.5	10.8	10.2	10.1	9.9	8.4	7.3	7.3	7.1	7.5	7.9	9.3	9.5	9.4	9.1	9.3	9.0	8.7	8.6	9.0	24
5/9/2024	8.2	8.3	9.0	9.1	7.9	8.5	11.8	9.7	9.0	9.7	10.5	10.7	--	--	--	--	--	--	--	--	--	--	--	--	9.4	12
5/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	8.0	7.4	5.7	6.4	6.9	6.7	6.8	7.2	7.3	8.0	5.8	4.0	6.7	12
5/15/2024	4.0	4.1	4.6	4.7	5.1	5.5	6.3	6.6	7.0	7.8	8.4	8.6	8.4	8.4	8.3	8.2	8.4	8.3	8.7	9.2	10.2	9.5	8.6	7.5	7.3	24
5/16/2024	8.9	10.4	10.0	9.5	9.5	10.0	10.9	10.2	9.4	8.2	8.2	7.4	7.2	7.1	7.0	6.7	6.9	6.8	7.5	6.7	7.2	7.8	8.0	9.5	8.4	24
5/17/2024	11.1	10.8	10.8	10.4	10.8	12.0	12.7	12.5	12.8	13.2	12.3	13.2	13.6	13.3	14.3	14.8	11.4	12.7	14.3	13.8	13.6	14.9	16.0	17.3	13.0	24
5/18/2024	17.3	13.8	16.1	15.5	14.7	15.3	15.6	12.4	8.3	6.7	5.8	4.3	2.4	2.0	3.0	3.4	3.4	3.7	3.7	4.3	5.3	3.8	3.8	3.8	7.8	24
5/19/2024	3.3	2.9	3.1	3.3	3.3	3.8	3.8	4.4	5.8	7.0	8.3	9.2	9.3	8.9	3.5	2.5	5.2	7.0	10.2	7.3	3.1	3.8	3.6	5.1	5.3	24
5/20/2024	6.9	7.0	6.8	7.2	7.0	7.1	7.3	8.0	5.3	4.7	4.6	4.7	5.0	7.8	6.1	6.6	6.5	7.5	7.2	6.8	6.4	5.9	6.1	6.1	6.4	24
5/21/2024	6.3	8.3	6.0	6.8	7.2	6.6	7.1	6.7	4.9	5.2	5.4	5.9	6.6	6.2	4.0	3.8	3.5	3.1	2.6	2.3	2.0	2.3	1.9	1.7	4.9	24
5/22/2024	1.7	1.6	2.3	3.0	3.9	3.9	3.3	3.5	2.5	3.0	5.2	5.8	5.6	4.9	5.1	5.4	5.8	5.2	3.8	3.6	4.2	2.8	3.0	2.3	3.8	24
5/23/2024	1.9	1.7	2.0	2.0	2.0	1.8	2.1	2.3	2.6	3.0	3.5	4.2	5.0	5.5	4.5	4.1	4.4	4.2	4.3	2.9	1.9	1.5	1.7	1.8	3.0	24
5/24/2024	1.6	1.5	2.7	2.6	2.7	2.4	2.9	3.7	6.1	7.7	8.4	8.5	8.6	8.5	8.5	6.7	8.2	4.5	2.7	3.0	3.6	3.8	3.3	3.5	4.8	24
5/25/2024	3.9	4.0	4.3	5.0	5.5	6.2	6.5	7.8	8.5	9.2	9.1	9.8	9.8	10.2	13.6	19.6	7.9	6.5	6.4	5.9	19.4	8.4	7.4	7.7	8.4	24
5/26/2024	7.5	7.2	7.5	9.7	11.5	11.9	12.1	9.6	11.6	13.9	13.4	12.3	11.4	11.4	10.8	11.5	12.8	12.9	12.8	13.1	13.1	11.6	10.8	10.7	11.3	24
5/27/2024	10.8	10.7	10.8	12.0	13.0	13.2	12.8	12.0	12.1	11.5	10.4	9.9	9.7	10.1	10.2	11.1	10.9	10.9	11.7	12.2	17.9	14.2	13.8	13.3	11.9	24
5/28/2024	14.3	15.1	14.8	15.1	14.4	11.4	10.5	9.0	9.3	11.4	11.7	10.0	8.6	8.1	7.4	7.7	7.6	8.1	8.7	14.3	11.7	11.0	11.5	8.9	10.9	24
5/29/2024	9.0	9.9	10.5	10.7	11.2	10.5	8.7	7.5	7.4	6.7	5.5	5.9	6.3	5.8	5.4	6.1	6.1	6.0	6.5	7.5	7.4	7.9	8.1	8.6	7.7	24
5/30/2024	9.8	10.8	11.3	9.0	8.4	7.4	7.4	7.5	7.9	6.2	6.5	5.9	6.4	6.3	6.2	6.9	7.2	7.4	6.3	6.3	8.0	7.6	7.1	14.8	7.9	24
5/31/2024	14.1	12.0	11.8	13.5	14.4	15.7	12.3	12.4	10.0	8.8	8.2	7.7	7.7	8.4	8.4	7.8	8.3	7.8	7.0	6.5	6.3	6.8	6.2	6.0	9.5	24
avg	6.9	6.8	7.1	7.8	7.6	7.7	7.8	7.8	7.5	7.6	7.7	7.8	7.6	7.5	7.1	7.4	7.0	6.9	6.8	6.9	7.6	6.7	6.5	6.9	7.3	
min	1.6	1.5	2.0	2.0	2.0	1.8	2.1	2.3	2.5	3.0	3.5	4.2	2.4	2.0	3.0	2.5	3.4	3.1	2.6	2.3	1.9	1.5	1.7	1.7	3.0	
max	17.3	15.1	16.1	17.8	14.7	15.7	15.6	12.5	12.8	13.9	13.4	13.2	13.6	13.3	14.3	19.6	12.8	12.9	14.3	14.3	19.4	14.9	16.0	17.3	13.0	624

Saroad Table - Hourly PM2.5 Data
May 2024

Location Brickyard **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
5/1/2024	2.8	2.7	3.1	3.7	3.9	4.0	6.9	6.8	9.0	10.2	9.5	12.2	10.9	8.4	9.6	9.6	9.1	8.5	7.2	6.5	6.2	8.9	6.5	7.1	7.2	24
5/2/2024	8.5	9.1	8.4	7.7	7.7	7.9	6.6	7.9	9.1	7.4	8.2	7.4	7.7	6.7	5.9	5.5	5.1	4.6	4.3	4.4	4.2	4.1	3.9	3.9	6.5	24
5/3/2024	3.9	4.4	5.3	5.0	5.0	6.1	8.3	6.8	4.1	4.7	4.9	4.6	4.1	4.1	4.0	3.8	3.6	3.3	3.1	3.0	3.2	3.3	3.2	3.1	4.4	24
5/4/2024	3.1	3.1	3.3	3.7	4.0	4.0	5.7	5.7	3.1	3.0	3.1	3.5	3.6	3.4	3.4	2.9	2.6	2.7	2.6	2.7	3.0	3.0	2.7	2.7	3.4	24
5/5/2024	2.8	2.6	2.6	2.8	3.1	3.4	4.3	3.6	3.0	3.6	4.2	4.9	4.2	4.0	3.8	4.4	3.7	3.2	3.3	3.3	3.2	3.2	3.2	3.2	3.5	24
5/6/2024	3.4	4.0	3.3	3.2	3.4	3.5	4.0	3.8	3.7	4.2	5.6	6.2	6.5	7.0	6.0	5.8	5.2	4.4	3.8	3.6	3.0	3.0	3.1	3.6	4.3	24
5/7/2024	3.0	2.4	3.2	3.0	3.7	3.9	4.4	5.4	6.2	7.0	7.2	7.1	8.0	7.9	7.6	7.4	7.7	7.6	7.6	8.2	7.1	6.4	6.6	6.8	6.1	24
5/8/2024	6.6	7.3	8.7	9.9	9.8	9.9	10.8	9.8	10.1	9.2	7.8	6.6	6.5	6.8	6.9	7.4	8.8	8.8	8.7	8.0	8.4	8.3	8.0	7.7	8.4	24
5/9/2024	7.5	7.5	8.1	8.6	7.6	8.4	11.3	9.5	9.4	9.8	10.5	10.7	10.5	--	--	0.8	1.1	1.5	1.5	1.2	1.6	1.8	1.8	2.1	6.0	22
5/10/2024	2.3	2.0	2.3	2.2	3.0	3.3	3.9	3.5	3.4	3.6	4.4	3.6	3.3	3.2	3.5	3.6	3.3	3.2	3.9	4.8	5.1	5.5	6.2	6.4	3.7	24
5/11/2024	5.7	4.8	4.3	4.1	3.1	3.1	3.5	3.6	3.7	3.5	3.4	4.6	4.7	4.2	4.1	4.0	4.1	4.3	4.4	3.9	3.7	4.2	5.4	5.1	4.2	24
5/12/2024	6.6	6.3	4.6	4.6	4.2	4.2	5.2	6.4	5.6	5.7	5.8	6.1	6.7	6.8	7.0	7.1	7.1	6.6	7.0	7.6	8.2	8.8	8.9	9.0	6.5	24
5/13/2024	9.4	8.9	8.9	9.3	10.1	10.3	11.4	12.2	11.5	10.2	7.8	5.5	5.3	5.2	5.4	5.9	7.6	3.7	3.0	2.8	3.1	3.1	3.3	3.1	7.0	24
5/14/2024	3.3	3.7	3.4	3.0	3.2	3.8	4.1	4.4	3.9	4.1	4.3	3.2	7.2	6.9	5.3	5.9	6.3	6.2	6.3	6.1	6.2	7.1	5.7	3.6	4.9	24
5/15/2024	3.8	3.8	4.3	4.6	4.9	5.3	7.4	7.1	7.2	7.6	7.9	8.4	8.1	8.2	7.9	7.7	8.0	7.9	8.0	8.4	9.4	8.5	8.1	7.1	7.1	24
5/16/2024	8.0	11.0	9.4	9.1	9.3	9.2	9.9	10.0	9.2	8.3	7.9	6.9	6.8	6.8	6.6	6.3	6.4	6.4	6.1	5.7	5.8	6.5	7.4	8.5	7.8	24
5/17/2024	9.3	9.4	9.4	9.2	9.7	10.6	12.2	12.0	12.1	11.7	11.1	11.9	12.4	12.4	14.0	14.8	13.3	11.3	11.3	12.5	12.7	14.0	15.2	15.9	12.0	24
5/18/2024	15.5	14.1	14.7	14.3	14.2	14.6	14.5	12.0	7.3	6.6	5.6	4.6	2.1	1.8	2.6	2.9	2.8	3.0	3.2	3.6	4.1	3.5	3.3	3.5	7.3	24
5/19/2024	2.8	2.6	3.1	3.7	3.5	3.6	3.9	4.5	6.0	6.7	7.7	8.7	8.9	8.7	3.3	2.5	5.1	7.0	9.3	7.0	3.0	3.6	3.5	4.8	5.1	24
5/20/2024	6.3	6.9	6.9	6.9	7.1	7.5	8.4	79.9	141.2		185.6	--	--	--	--	--	--	--	--	--	--	--	--	--	45.7	10
5/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/31/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	5.7	5.8	5.9	5.9	6.0	6.3	7.3	10.7	13.4	6.7	15.6	6.7	6.7	6.3	5.9	5.7	5.8	5.5	5.5	5.4	5.3	5.6	5.6	5.6	8.0	
min	2.3	2.0	2.3	2.2	3.0	3.1	3.5	3.5	3.0	3.0	3.1	3.2	2.1	1.8	2.6	0.8	1.1	1.5	1.5	1.2	1.6	1.8	1.8	2.1	3.4	
max	15.5	14.1	14.7	14.3	14.2	14.6	14.5	79.9	141.2	11.7	185.6	12.2	12.4	12.4	14.0	14.8	13.3	11.3	11.3	12.5	12.7	14.0	15.2	15.9	45.7	464

Saroad Table - Hourly PM2.5 Data
May 2024

Location Ocean Terminal **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
5/1/2024	2.9	3.1	3.4	4.8	4.7	5.2	6.9	9.8	8.2	7.8	8.4	10.2	9.4	8.7	8.8	9.9	9.2	8.5	7.5	6.8	6.9	8.3	8.1	7.8	7.3	24
5/2/2024	7.5	7.6	7.5	7.9	8.0	6.2	8.1	8.6	12.1	8.6	7.7	7.3	7.9	6.9	6.1	5.9	5.4	5.1	4.6	4.3	4.1	4.0	3.9	4.0	6.6	24
5/3/2024	3.9	5.1	8.4	12.7	9.9	10.9	14.3	8.0	6.5	5.4	5.4	5.2	4.5	4.6	4.6	4.3	3.9	3.6	3.1	2.8	3.2	3.2	3.1	3.1	5.8	24
5/4/2024	3.1	3.7	5.4	4.1	4.0	3.9	4.3	4.6	3.8	3.7	3.7	4.3	3.9	3.6	3.9	3.4	3.0	2.7	2.6	2.5	2.6	2.8	2.7	2.5	3.5	24
5/5/2024	2.6	2.5	2.6	2.9	3.1	3.6	4.3	4.4	3.9	4.2	4.7	5.4	5.2	4.4	4.1	5.3	4.0	3.2	3.2	3.3	3.2	3.2	3.0	3.1	3.7	24
5/6/2024	3.1	3.1	3.2	3.2	3.4	4.1	4.4	4.4	4.4	4.8	5.9	6.2	6.9	7.0	6.6	6.0	5.3	4.6	3.8	3.6	3.0	2.7	2.7	3.5	4.4	24
5/7/2024	2.8	2.4	2.4	2.8	3.3	4.0	5.2	5.6	6.7	7.2	7.0	7.0	7.4	8.1	8.0	8.0	8.5	8.4	8.5	8.7	7.8	7.1	7.0	6.9	6.3	24
5/8/2024	6.8	7.6	9.3	9.9	10.0	10.2	10.6	10.1	9.5	9.2	8.2	7.1	7.2	7.1	7.4	7.7	9.1	9.3	9.2	9.1	8.9	8.6	8.5	8.0	8.7	24
5/9/2024	7.6	7.8	8.4	8.9	8.1	8.7	11.8	9.2	9.2	9.9	10.3	10.5	10.7	9.9	6.2	0.0	1.4	1.9	1.7	1.8	2.0	2.4	2.1	2.3	6.4	24
5/10/2024	2.6	2.4	2.6	2.6	3.2	3.9	3.9	3.7	3.4	4.4	4.2	4.1	3.8	3.8	4.1	4.0	3.8	3.8	4.3	5.2	5.3	5.5	6.7	6.6	4.1	24
5/11/2024	4.9	4.0	3.4	3.0	2.8	2.6	3.0	2.9	3.8	3.0	3.4	3.8	4.7	5.2	4.9	4.5	4.2	4.6	4.5	5.1	4.7	4.4	4.7	4.3	4.0	24
5/12/2024	4.1	7.5	4.2	4.2	4.0	4.3	5.1	5.9	5.8	6.1	5.9	5.9	6.7	7.0	7.1	7.6	7.7	7.1	7.2	7.8	8.5	9.0	8.9	9.0	6.5	24
5/13/2024	9.5	9.2	8.2	9.1	9.7	9.9	11.3	11.8	11.5	10.6	7.7	5.8	5.6	5.7	4.5	4.9	8.6	4.7	3.9	3.4	3.5	3.1	3.3	3.0	7.0	24
5/14/2024	3.3	3.5	3.3	2.8	3.1	4.0	4.6	4.8	4.4	4.3	4.0	4.0	7.9	7.4	5.9	6.6	6.9	6.8	6.8	6.7	8.3	7.9	6.0	4.1	5.3	24
5/15/2024	4.0	4.2	4.5	4.8	5.3	5.7	7.3	7.2	7.1	7.5	8.2	8.4	8.4	8.2	8.2	8.2	8.5	8.2	8.2	8.4	9.3	7.4	8.0	8.6	7.2	24
5/16/2024	8.6	10.2	9.7	9.3	9.4	9.8	10.4	11.2	8.9	6.9	7.3	7.0	6.3	6.5	6.1	6.1	5.8	5.8	5.2	5.3	5.5	6.7	8.1	8.8	7.7	24
5/17/2024	9.1	9.3	9.1	8.9	9.5	10.7	12.4	12.5	12.1	11.5	12.1	12.0	12.8	12.8	13.7	13.9	12.7	11.8	12.2	13.2	14.1	14.2	16.2	16.9	12.2	24
5/18/2024	14.4	12.9	14.4	13.9	13.8	14.3	14.5	12.0	7.8	6.5	5.4	4.4	2.6	2.2	3.2	3.6	3.7	3.7	3.9	4.8	4.1	3.7	3.7	3.8	7.4	24
5/19/2024	3.2	3.0	3.2	3.5	3.7	4.0	3.9	4.4	5.8	6.7	7.4	9.0	9.3	9.3	3.3	2.8	5.8	7.5	7.1	5.5	2.4	3.0	2.7	4.3	5.0	24
5/20/2024	6.0	6.9	6.5	6.1	5.9	5.8	8.1	8.3	4.4	4.0	3.8	4.4	4.3	4.6	5.3	5.7	5.7	8.6	6.7	7.1	6.0	5.1	5.1	5.2	5.8	24
5/21/2024	4.7	5.3	4.7	6.2	7.5	5.5	5.6	5.9	4.3	4.5	4.1	5.0	5.7	4.8	3.1	2.9	2.5	2.2	1.5	1.2	1.5	1.6	2.2	1.1	3.9	24
5/22/2024	1.4	1.5	1.5	1.4	2.0	2.7	2.4	3.0	2.4	2.7	4.3	5.2	4.8	4.4	4.8	4.7	5.1	4.1	3.8	4.3	3.8	2.6	2.1	2.0	3.2	24
5/23/2024	1.7	1.7	1.5	1.7	1.7	2.2	2.8	3.3	2.9	3.4	3.6	4.3	5.0	4.3	3.9	4.6	4.9	4.3	3.5	2.4	2.8	2.3	1.8	1.7	3.0	24
5/24/2024	1.7	1.7	2.4	2.9	2.6	2.3	3.2	4.3	6.3	7.2	8.0	8.4	8.2	8.3	8.5	6.0	7.4	3.8	3.8	3.6	4.4	4.1	3.4	3.6	4.8	24
5/25/2024	4.2	4.3	4.3	4.8	5.4	6.3	7.5	8.9	10.4	8.6	8.1	8.8	9.2	9.7	13.3	21.8	6.5	6.7	6.5	5.8	7.0	8.8	7.5	7.6	8.0	24
5/26/2024	7.8	7.5	7.4	10.1	11.6	11.9	11.7	10.1	11.8	14.5	15.5	12.3	11.8	11.2	10.9	11.4	12.6	12.6	13.1	12.8	13.2	10.9	10.5	10.3	11.4	24
5/27/2024	10.1	9.4	10.0	11.2	12.4	13.1	12.5	11.7	10.9	8.6	9.3	9.7	9.8	9.9	10.2	11.0	10.9	10.6	11.2	11.8	12.9	12.8	12.9	12.7	11.1	24
5/28/2024	13.5	13.8	13.8	14.1	13.7	11.0	10.6	9.1	9.0	11.1	11.6	9.9	8.6	7.5	7.2	7.0	7.4	7.5	8.4	9.3	10.1	9.6	9.7	9.6	10.1	24
5/29/2024	9.1	8.9	9.5	9.6	9.9	10.6	10.1	9.2	7.1	5.1	4.5	4.7	5.1	5.0	5.3	5.8	6.2	5.9	5.6	6.3	7.2	7.7	7.9	8.4	7.3	24
5/30/2024	9.5	10.7	11.2	7.2	5.5	5.6	6.1	7.8	7.1	5.6	6.0	5.7	6.2	5.8	6.1	6.8	7.0	6.3	6.2	6.5	6.8	5.9	5.8	6.5	6.8	24
5/31/2024	7.0	8.7	8.9	9.4	13.0	11.5	9.3	9.5	8.2	7.6	7.2	7.0	7.2	7.6	7.7	7.4	--	--	--	--	--	--	--	--	--	16
avg	5.8	6.1	6.3	6.6	6.8	6.9	7.6	7.5	7.1	6.8	6.9	6.9	7.0	6.8	6.5	6.7	6.5	6.1	5.9	6.0	6.1	6.0	5.9	6.0	6.5	
min	1.4	1.5	1.5	1.4	1.7	2.2	2.4	2.9	2.4	2.7	3.4	3.8	2.6	2.2	3.1	0.0	1.4	1.9	1.5	1.2	1.5	1.6	1.8	1.1	3.0	
max	14.4	13.8	14.4	14.1	13.8	14.3	14.5	12.5	12.1	14.5	15.5	12.3	12.8	12.8	13.7	21.8	12.7	12.6	13.1	13.2	14.1	14.2	16.2	16.9	12.2	736

Saroad Table - Hourly PM2.5 Data
May 2024

Location Cockspur Island **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
5/1/2024	1.9	2.0	1.8	2.4	2.8	2.7	3.0	4.2	8.7	12.6	11.6	9.9	8.8	9.0	9.4	8.4	6.4	5.3	4.7	4.7	5.3	5.2	5.1	4.7	5.8	24
5/2/2024	4.8	4.7	5.0	6.2	6.0	7.8	8.0	7.6	6.8	6.2	6.8	5.5	5.1	4.9	5.2	4.8	4.2	3.6	3.4	3.4	3.1	3.0	2.9	2.6	5.1	24
5/3/2024	2.4	2.4	2.4	2.8	3.2	2.8	2.3	2.6	3.6	4.0	3.6	3.9	3.8	3.7	3.5	3.3	3.2	2.9	2.4	2.3	2.7	2.6	2.8	2.5	3.0	24
5/4/2024	2.4	2.1	2.3	2.1	2.0	1.9	2.0	2.0	2.4	2.6	2.5	2.7	2.7	2.5	2.5	2.5	2.3	2.2	1.8	1.8	1.8	1.8	1.7	1.8	2.2	24
5/5/2024	1.8	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.4	2.7	2.8	2.7	2.9	2.8	2.7	2.5	2.7	2.7	2.7	2.4	2.2	2.5	2.4	2.3	2.4	24
5/6/2024	2.4	2.6	2.6	2.6	2.7	2.8	2.8	3.1	3.2	3.5	3.8	4.1	4.7	5.1	4.5	4.2	3.9	3.5	3.1	3.2	4.7	3.1	2.9	3.2	3.4	24
5/7/2024	3.3	2.5	2.4	2.8	2.8	3.0	3.5	4.3	5.6	6.6	6.7	6.6	7.4	6.9	7.3	7.0	7.3	7.1	7.1	6.0	5.8	5.7	6.1	5.6	5.4	24
5/8/2024	4.8	4.7	5.6	7.1	8.2	7.9	8.4	9.0	9.5	9.9	9.3	8.8	7.9	6.8	6.5	6.0	6.2	6.9	7.3	7.0	7.0	7.0	7.0	7.0	7.3	24
5/9/2024	6.3	6.2	6.9	6.8	6.8	6.6	9.0	8.2	8.4	8.7	8.7	9.0	8.0	7.3	6.8	--	--	--	--	--	--	--	--	--	7.6	15
5/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/13/2024	--	--	--	--	--	--	--	--	--	1.5	4.5	4.4	4.1	--	--	--	--	--	--	--	--	--	--	--	3.6	4
5/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/31/2024	--	--	--	--	--	--	--	--	--		8.3	7.1	--	--	--	--	--	--	--	--	--	--	--	--	7.7	2
avg	3.3	3.3	3.5	3.9	4.1	4.2	4.6	4.8	5.6	5.8	6.2	5.9	5.5	5.5	5.3	4.8	4.5	4.3	4.1	3.9	4.1	3.8	3.9	3.7	4.9	
min	1.8	2.0	1.8	2.1	2.0	1.9	2.0	2.0	2.4	1.5	2.5	2.7	2.7	2.5	2.5	2.5	2.3	2.2	1.8	1.8	1.8	1.8	1.7	1.8	2.2	
max	6.3	6.2	6.9	7.1	8.2	7.9	9.0	9.0	9.5	12.6	11.6	9.9	8.8	9.0	9.4	8.4	7.3	7.1	7.3	7.0	7.0	7.0	7.0	7.0	7.7	213

Saroad Table - Hourly PM2.5 Data
May 2024

Location Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
5/1/2024	--	--	--	--	--	--	8.5	10.6	8.4	8.0	8.4	10.2	9.9	8.3	8.6	9.9	9.3	8.8	--	--	--	--	--	--	9.1	12
5/2/2024	--	--	--	--	--	--	5.4	7.0	10.3	7.3	7.3	6.9	7.7	6.8	6.0	5.8	5.4	4.9	4.6	4.4	4.0	4.1	4.0	4.2	5.9	18
5/3/2024	4.0	4.7	6.7	11.6	10.9	8.0	11.3	7.1	6.2	5.2	5.4	5.0	4.5	4.6	4.9	4.2	3.9	3.6	3.3	3.1	3.5	3.4	3.6	3.3	5.5	24
5/4/2024	3.3	3.6	4.0	4.5	4.1	3.8	4.0	4.2	3.7	3.8	3.9	4.4	4.0	3.8	4.1	3.7	3.1	3.0	2.7	2.7	3.0	3.0	2.9	2.9	3.6	24
5/5/2024	2.8	2.6	2.7	3.0	3.3	3.9	4.5	4.0	3.5	4.1	4.7	5.2	4.9	4.5	4.3	5.0	3.8	3.4	3.5	3.8	3.6	3.7	3.3	3.7	3.8	24
5/6/2024	3.5	3.4	3.5	3.6	3.8	3.9	4.2	4.2	4.5	4.8	6.0	6.2	7.0	7.0	7.4	6.1	5.7	4.9	4.3	4.2	3.2	2.9	3.2	3.9	4.6	24
5/7/2024	3.4	2.6	2.8	3.2	3.9	4.5	5.1	5.1	6.3	7.1	7.0	7.2	7.3	7.4	7.4	7.5	7.8	7.7	7.6	8.0	7.6	6.9	6.8	6.8	6.1	24
5/8/2024	6.9	7.3	8.5	9.5	10.0	10.2	10.5	10.1	9.2	9.2	7.9	6.8	6.8	6.7	6.8	7.3	8.5	8.9	8.6	8.4	8.7	8.5	8.2	8.2	8.4	24
5/9/2024	8.0	7.9	8.3	8.7	8.3	8.7	11.1	9.3	8.8	9.5	9.9	10.3	--	--	--	0.7	1.3	1.2	1.4	1.7	1.9	2.4	2.1	2.7	5.9	21
5/10/2024	2.6	2.6	2.3	2.7	3.1	3.6	3.7	4.0	4.0	4.0	4.8	4.2	3.8	3.7	3.9	3.9	3.5	3.4	3.8	4.5	4.8	5.1	6.0	6.0	3.9	24
5/11/2024	11.0	12.1	9.7	10.6	6.5	8.5	6.9	3.0	3.2	3.8	4.3	4.7	4.9	4.4	4.3	4.3	4.2	4.2	4.1	4.2	3.7	3.9	4.0	3.8	5.6	24
5/12/2024	4.1	4.6	4.6	3.9	4.3	3.8	4.2	4.6	5.2	5.7	5.8	5.7	6.2	6.3	6.4	6.5	6.6	6.2	6.3	7.0	7.7	7.7	7.7	8.4	5.8	24
5/13/2024	9.3	9.7	9.3	9.1	9.4	10.0	13.4	10.0	12.1	11.1	8.5	5.6	5.2	6.7	6.8	4.8	7.4	3.9	3.1	2.7	3.2	3.1	3.4	3.1	7.1	24
5/14/2024	3.6	4.0	3.7	3.1	3.3	4.1	4.6	4.9	5.0	4.4	3.8	3.8	6.7	6.6	5.3	5.8	5.9	5.7	6.1	6.8	8.7	7.2	5.8	4.3	5.1	24
5/15/2024	3.8	4.1	4.6	4.8	5.3	5.8	6.3	6.9	7.1	7.5	7.9	8.0	7.9	7.6	7.6	7.4	7.7	7.4	7.6	7.9	8.6	8.4	7.3	6.7	6.8	24
5/16/2024	8.3	8.7	8.8	8.6	9.2	10.0	10.2	9.4	9.0	7.5	7.7	7.1	7.1	6.8	6.3	6.3	6.3	6.2	7.4	8.4	9.2	8.2	7.3	8.0	8.0	24
5/17/2024	9.0	9.6	9.9	9.8	10.0	11.0	11.6	11.6	11.4	11.7	10.9	11.9	12.1	12.6	14.4	13.7	9.2	10.4	11.7	12.8	13.1	13.6	14.9	17.4	11.9	24
5/18/2024	16.2	12.9	15.4	14.9	13.3	13.4	14.1	11.3	7.6	6.8	5.3	5.0	2.7	2.3	2.9	2.9	3.0	3.0	3.3	3.4	3.8	3.5	3.6	4.1	7.3	24
5/19/2024	3.3	3.0	3.1	3.3	3.8	3.9	3.9	4.3	5.8	6.7	7.5	8.7	8.6	8.0	4.1	2.4	5.6	6.6	12.4	7.4	2.9	4.7	5.5	6.6	5.5	24
5/20/2024	8.8	7.5	6.6	10.9	12.0	12.2	10.9	10.8	4.5	4.2	3.9	4.1	4.4	4.8	5.8	6.7	6.6	6.7	6.4	6.3	5.8	5.8	5.4	5.7	6.9	24
5/21/2024	6.4	5.4	6.0	9.4	9.3	14.2	12.4	11.0	4.4	4.8	4.6	5.1	5.7	5.4	3.4	3.2	2.9	--	--	--	--	--	--	--	6.7	17
5/22/2024	--	--	--	--	--	--	4.9	3.8	2.2	2.5	4.3	5.1	4.8	4.4	4.6	4.7	4.8	--	--	--	--	--	--	--	4.2	11
5/23/2024	--	--	--	--	--	5.3	1.8	2.3	2.8	3.0	3.7	4.0	4.5	4.9	3.9	3.7	3.9	3.7	3.2	--	--	--	--	--	3.6	14
5/24/2024	--	--	--	--	--	--	2.8	3.7	5.7	6.9	8.0	7.6	7.2	7.5	7.3	7.5	6.2	4.1	2.2	--	--	--	--	--	5.9	13
5/25/2024	--	--	--	--	--	--	7.1	7.1	7.3	7.8	7.9	8.4	8.4	8.8	11.2	17.1	6.2	6.1	5.9	--	--	--	--	--	8.4	13
5/26/2024	--	--	--	--	--		9.9	8.9	10.5	12.3	11.9	11.1	10.4	10.0	9.8	10.2	12.1	12.1	--	--	--	--	--	--	10.8	12
5/27/2024	--	--	--	--	--	15.5	11.7	11.2	11.2	10.3	9.1	9.2	8.9	8.8	9.4	10.0	9.8	9.7	10.4	--	--	--	--	--	10.4	14
5/28/2024	--	--	--	--	--	--	10.3	8.4	8.6	10.6	10.8	8.8	7.5	7.0	6.5	6.7	6.8	7.0	--	--	--	--	--	--	8.3	12
5/29/2024	--	--	--	--	--	--	7.4	6.4	6.4	6.2	5.5	5.3	5.0	4.8	4.7	9.9	5.7	5.8	--	--	--	--	--	--	6.1	12
5/30/2024	--	--	--	--	--	--	12.4	8.2	6.3	5.7	5.8	6.0	6.1	5.9	5.7	6.2	6.6	6.8	--	--	--	--	--	--	6.8	12
5/31/2024	--	--	--	--	--	--	12.3	13.8	9.8	7.9	6.9	6.9	6.9	7.2	7.3	6.9	7.1	--	--	--	--	--	--	--	8.5	11
avg	6.2	6.1	6.3	7.1	7.0	7.8	8.0	7.3	6.8	6.8	6.7	6.7	6.6	6.4	6.4	6.5	6.0	5.9	5.6	5.7	5.6	5.6	5.5	5.8	6.7	
min	2.6	2.6	2.3	2.7	3.1	3.6	1.8	2.3	2.2	2.5	3.7	3.8	2.7	2.3	2.9	0.7	1.3	1.2	1.4	1.7	1.9	2.4	2.1	2.7	3.6	
max	16.2	12.9	15.4	14.9	13.3	15.5	14.1	13.8	12.1	12.3	11.9	11.9	12.1	12.6	14.4	17.1	12.1	12.1	12.4	12.8	13.1	13.6	14.9	17.4	11.9	600

Saroad Table - Hourly PM2.5 Data
May 2024

Location Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
5/1/2024	0.13	0.16	0.16	0.31	1.42	0.54	0.53	0.41	0.39	0.54	0.60	0.41	0.30	0.30	0.35	0.65	0.50	0.63	0.56	0.65	0.66	0.66	0.83	1.48	0.55	24
5/2/2024	1.59	1.53	1.53	1.38	1.22	2.33	4.49	7.05	4.17	3.20	0.95	0.35	0.47	0.38	0.32	0.35	0.28	0.38	0.33	0.33	0.53	0.29	0.51	0.69	1.44	24
5/3/2024	0.70	0.85	0.94	1.02	1.26	1.29	3.57	4.61	0.65	0.41	0.45	0.27	0.26	0.20	0.19	0.42	0.32	0.22	0.24	0.17	0.22	0.28	0.69	0.75	0.83	24
5/4/2024	0.47	0.40	0.67	0.76	1.20	0.78	0.60	0.51	0.12	0.59	0.11	0.24	0.23	0.22	0.21	0.42	0.40	0.51	1.64	1.81	1.54	2.50	0.83	1.20	0.75	24
5/5/2024	1.10	0.45	0.30	0.64	0.53	0.57	1.29	0.40	0.07	0.13	0.14	0.17	0.20	0.23	0.23	0.60	0.59	0.42	0.68	0.47	0.28	0.16	0.31	0.31	0.43	24
5/6/2024	0.26	0.18	0.20	0.26	0.14	0.24	0.64	0.27	0.21	0.20	0.22	0.23	0.26	0.24	0.34	0.37	0.42	0.44	0.40	0.46	0.76	1.19	0.41	0.29	0.36	24
5/7/2024	0.20	0.19	0.13	0.20	0.59	0.59	0.49	0.38	0.31	0.34	0.28	0.23	0.24	0.18	0.18	0.21	0.29	0.43	0.39	0.41	0.33	0.33	0.31	0.30	0.31	24
5/8/2024	0.35	0.41	0.56	1.14	0.64	0.78	1.10	0.59	0.42	0.40	0.34	0.20	0.24	0.58	0.81	0.79	0.39	0.74	0.40	0.42	0.41	0.36	0.37	0.35	0.53	24
5/9/2024	0.40	0.30	0.34	0.34	0.35	0.45	0.77	0.40	0.31	0.38	0.34	0.37	0.42	0.52	0.60	0.71	0.58	0.26	0.30	0.26	0.27	0.18	0.15	0.16	0.38	24
5/10/2024	0.14	0.23	0.23	0.19	0.85	0.78	0.52	0.34	0.25	0.46	0.50	0.30	0.11	0.07	0.07	0.09	0.08	0.10	0.16	0.28	0.16	0.17	0.26	0.31	0.28	24
5/11/2024	0.20	0.25	0.16	0.18	0.15	0.17	0.15	0.34	0.22	0.28	0.36	0.25	0.16	0.14	0.27	0.14	0.09	0.15	0.18	0.36	0.46	0.80	0.61	0.60	0.28	24
5/12/2024	0.68	1.14	1.11	0.71	0.34	0.22	0.37	0.84	0.63	0.21	0.19	0.16	0.19	0.19	0.24	0.23	0.20	0.26	0.27	0.29	0.47	0.41	0.40	0.44	0.42	24
5/13/2024	0.58	0.68	0.85	1.15	2.00	2.25	2.01	4.33	7.37	3.04	1.02	0.35	0.29	0.47	0.63	0.61	0.80	0.31	0.56	0.53	0.16	0.14	0.14	0.23	1.27	24
5/14/2024	0.14	0.18	0.23	0.72	0.28	0.25	0.35	0.41	0.48	0.72	0.89	0.24	0.20	0.20	0.17	0.16	0.15	0.17	0.28	0.64	0.70	0.53	0.36	0.26	0.36	24
5/15/2024	0.26	0.25	0.22	0.20	0.24	0.31	0.29	0.31	0.20	0.30	0.25	0.23	0.25	0.22	0.22	0.23	0.21	0.28	0.35	0.39	0.32	0.43	0.59	0.42	0.29	24
5/16/2024	0.51	1.04	0.91	0.61	0.69	0.58	0.78	0.62	0.34	0.22	0.23	0.23	0.21	0.17	0.14	0.14	0.14	0.18	0.22	0.38	0.53	0.85	1.32	1.41	0.52	24
5/17/2024	1.26	1.31	1.33	0.91	0.83	0.58	0.66	0.60	0.86	1.04	0.93	1.22	1.46	1.30	1.20	0.90	0.62	0.58	0.83	0.99	0.44	0.36	0.45	0.76	0.89	24
5/18/2024	0.88	0.99	0.98	1.01	1.27	0.84	1.05	0.50	0.29	0.37	0.32	0.38	0.26	0.19	0.23	0.18	0.15	0.20	0.25	0.33	0.36	0.65	0.30	0.24	0.51	24
5/19/2024	0.20	0.19	0.47	0.28	0.29	0.30	0.19	0.13	0.16	0.26	0.19	0.19	0.20	0.21	0.24	0.33	0.65	0.79	0.29	0.55	0.77	0.64	0.15	0.19	0.33	24
5/20/2024	0.22	0.36	0.75	0.30	0.43	0.46	0.71	0.86	0.85	0.60	0.62	0.37	0.33	0.39	0.22	0.20	0.22	0.27	0.49	0.53	0.56	0.62	0.60	0.61	0.48	24
5/21/2024	0.50	0.72	1.13	1.21	1.37	1.29	0.98	0.64	0.76	0.47	0.28	0.18	0.18	0.17	0.18	0.21	0.17	0.21	0.28	0.44	0.41	0.46	0.55	0.42	0.55	24
5/22/2024	0.38	0.38	0.85	2.23	3.53	2.81	2.14	3.16	3.63	0.53	0.21	0.23	0.23	0.21	0.21	0.22	0.28	0.20	0.23	0.50	0.33	0.40	0.62	0.52	1.00	24
5/23/2024	0.56	0.50	0.53	0.83	0.57	0.78	0.54	0.45	0.32	0.12	0.13	0.15	0.18	0.17	0.31	0.32	0.26	0.20	0.20	0.19	0.22	0.11	0.34	0.23	0.34	24
5/24/2024	0.31	0.58	0.39	0.37	0.84	0.43	0.41	0.49	0.41	0.43	0.51	0.37	0.31	0.47	0.31	0.41	0.70	0.52	0.27	0.26	0.34	0.26	0.23	0.39	0.42	24
5/25/2024	0.42	0.41	0.31	0.32	0.36	0.35	0.44	0.60	0.31	0.30	0.25	0.24	0.25	0.29	0.41	0.60	0.47	0.32	0.29	0.31	0.45	0.62	0.49	0.54	0.39	24
5/26/2024	0.40	0.25	0.21	0.37	0.35	0.46	0.58	0.31	0.32	0.37	0.36	0.38	0.31	0.30	0.26	0.28	0.39	0.48	0.65	0.75	0.64	0.52	0.64	0.52	0.42	24
5/27/2024	0.57	0.62	0.80	0.68	0.64	0.64	0.39	0.37	0.29	0.32	0.32	0.35	0.30	0.33	0.60	0.46	0.35	0.45	0.81	0.59	0.65	0.63	0.51	0.56	0.51	24
5/28/2024	0.59	0.73	0.83	1.00	0.69	0.52	0.74	0.33	0.43	0.46	0.33	0.23	0.22	0.24	0.16	0.18	0.16	0.24	0.35	0.40	0.56	0.76	0.85	0.63	0.49	24
5/29/2024	0.57	0.76	0.76	0.63	0.66	0.83	1.03	0.69	0.47	0.38	0.21	0.23	0.24	0.18	0.18	0.23	0.19	0.20	0.30	0.38	0.54	0.53	0.83	0.66	0.49	24
5/30/2024	0.65	0.74	0.78	0.78	1.39	1.02	0.97	1.14	0.99	0.96	0.81	0.34	0.22	0.18	0.17	0.23	0.21	0.45	0.44	0.41	0.73	0.72	1.58	1.06	0.71	24
5/31/2024	1.42	1.75	1.98	2.49	1.62	1.55	2.85	2.18	1.02	0.76	0.42	0.59	0.44	0.43	0.43	0.45	0.39	0.45	0.40	0.33	0.40	0.48	0.44	0.49	0.99	24
avg	0.54	0.60	0.67	0.75	0.86	0.81	1.02	1.10	0.88	0.61	0.41	0.31	0.29	0.30	0.33	0.36	0.34	0.36	0.42	0.48	0.49	0.55	0.54	0.55	0.57	
min	0.13	0.16	0.13	0.18	0.14	0.17	0.15	0.13	0.07	0.12	0.11	0.15	0.11	0.07	0.07	0.09	0.08	0.10	0.16	0.17	0.16	0.11	0.14	0.16	0.28	
max	1.59	1.75	1.98	2.49	3.53	2.81	4.49	7.05	7.37	3.20	1.02	1.22	1.46	1.30	1.20	0.90	0.80	0.79	1.64	1.81	1.54	2.50	1.58	1.48	1.44	744

Saroad Table - Hourly PM2.5 Data
May 2024

Location Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
5/1/2024	0.04	0.07	0.05	0.06	0.11	0.17	0.37	0.40	0.69	0.24	0.25	0.24	0.23	0.18	0.17	0.16	0.16	0.20	0.28	0.18	0.15	0.17	0.17	0.33	0.21	24
5/2/2024	0.32	0.32	0.35	0.21	0.13	0.15	0.10	0.46	0.16	0.18	0.16	0.20	0.22	0.20	0.16	0.19	0.18	0.24	0.15	0.12	0.15	0.17	0.07	0.13	0.20	24
5/3/2024	0.16	0.23	0.21	0.14	0.19	0.08	0.68	0.43	0.11	0.11	0.11	0.11	0.14	0.14	0.12	0.13	0.12	0.13	0.14	0.20	0.28	0.09	0.13	0.18	0.18	24
5/4/2024	0.01	0.03	0.06	0.08	0.06	0.09	0.04	0.09	0.10	0.08	0.05	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	24
5/5/2024	0.05	0.06	0.06	0.05	0.04	0.04	0.04	0.04	0.06	0.05	0.06	0.07	0.08	0.07	0.08	0.08	0.09	0.08	0.08	0.06	0.08	0.08	0.07	0.07	0.07	24
5/6/2024	0.08	0.08	0.08	0.07	0.06	0.08	0.08	0.09	0.10	0.11	0.12	0.12	0.13	0.14	0.16	0.12	0.12	0.19	0.16	0.11	0.18	0.09	0.07	0.04	0.11	24
5/7/2024	0.11	0.10	0.11	0.05	0.10	0.13	0.16	0.19	0.19	0.47	0.20	0.21	0.24	0.26	0.28	0.31	0.29	0.25	0.26	0.31	0.24	0.22	0.19	0.23	0.21	24
5/8/2024	0.28	0.29	0.33	0.28	0.25	0.31	0.40	0.40	0.29	0.22	0.17	0.16	0.21	0.29	0.34	0.30	0.28	0.25	0.26	0.24	0.21	0.22	0.24	0.22	0.27	24
5/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/14/2024	0.10	0.10	0.11	0.11	0.15	0.20	0.25	0.12	0.13	0.26	0.35	0.32	0.40	0.38	0.38	0.38	0.34	0.33	0.20	0.23	0.10	0.09	0.10	0.11	0.22	24
5/15/2024	0.13	0.13	0.13	0.13	0.13	0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.16	0.14	0.15	0.16	0.17	0.23	0.31	0.22	0.31	0.25	0.27	0.26	0.18	24
5/16/2024	0.25	0.29	0.33	0.46	0.66	0.36	0.34	0.49	0.34	0.35	0.30	0.20	0.22	0.17	0.13	0.70	0.76	0.37	0.36	0.32	0.34	0.27	0.32	0.22	0.36	24
5/17/2024	0.22	0.21	0.19	0.21	0.22	0.24	0.25	0.26	0.26	0.26	0.23	0.25	0.23	0.24	0.26	0.28	0.30	0.31	0.42	0.45	0.36	0.31	0.31	0.33	0.27	24
5/18/2024	0.36	0.32	0.33	0.33	0.35	0.23	0.31	0.34	0.37	0.25	0.14	0.15	0.12	0.09	0.09	0.10	0.12	0.13	0.25	0.11	0.11	0.13	0.16	0.12	0.21	24
5/19/2024	0.13	0.12	0.15	0.16	0.19	0.14	0.23	0.26	0.27	0.27	0.23	0.10	0.06	0.18	0.20	0.14	0.06	0.06	0.05	0.07	0.10	0.09	0.17	0.09	0.15	24
5/20/2024	0.09	0.21	0.11	0.15	0.14	0.11	0.08	0.10	0.10	0.20	0.11	0.13	0.14	0.13	0.15	0.13	0.13	0.19	0.13	0.11	0.12	0.18	0.64	0.18	0.16	24
5/21/2024	0.17	0.24	0.23	0.13	0.11	0.18	0.09	0.35	0.10	0.14	0.11	0.07	0.08	0.07	0.07	0.06	0.05	0.06	0.05	0.04	0.04	0.10	0.14	0.19	0.12	24
5/22/2024	0.14	0.43	0.44	0.08	0.09	0.05	0.06	0.04	0.06	0.10	0.48	0.14	0.18	0.10	0.10	0.10	0.11	0.11	0.09	0.07	0.05	0.07	0.06	0.05	0.13	24
5/23/2024	0.07	0.05	0.09	0.04	0.14	0.06	0.07	0.11	0.17	0.15	0.12	0.13	0.14	0.11	0.07	0.08	0.08	0.07	0.05	0.06	0.07	0.08	0.06	0.06	0.09	24
5/24/2024	0.11	0.04	0.07	0.06	0.12	0.17	0.31	0.46	0.33	0.26	0.23	0.15	0.17	0.16	0.09	0.10	0.11	0.14	0.15	0.15	0.13	0.13	0.14	0.13	0.16	24
5/25/2024	0.12	0.12	0.52	0.33	0.32	0.40	0.40	0.54	0.32	0.38	0.33	0.24	0.37	0.32	0.41	0.26	0.28	0.32	0.21	0.18	0.18	0.19	0.17	0.20	0.30	24
5/26/2024	0.21	0.21	0.25	0.22	0.24	0.56	0.49	0.42	0.33	0.31	0.32	0.32	0.39	0.39	0.28	0.27	0.27	0.27	0.29	0.30	0.31	0.38	0.49	0.75	0.34	24
5/27/2024	0.78	0.58	0.42	0.36	0.30	0.29	0.37	0.36	0.28	0.28	0.27	0.28	0.30	0.29	0.33	0.38	0.43	0.42	0.38	0.43	0.45	0.50	0.49	0.57	0.40	24
5/28/2024	0.49	0.38	0.33	0.29	0.22	0.25	0.32	0.30	0.43	0.37	0.31	0.22	0.23	0.24	0.22	0.23	0.26	0.29	0.36	0.76	0.56	0.36	0.29	0.28	0.33	24
5/29/2024	0.31	0.40	0.32	0.32	0.41	0.55	0.31	0.26	0.12	0.24	0.19	0.21	0.21	0.24	0.28	0.25	0.28	0.32	0.68	0.47	0.62	0.68	0.90	1.09	0.40	24
5/30/2024	0.60	0.33	0.38	0.35	0.41	0.23	0.53	0.36	0.29	0.25	0.18	0.20	0.21	0.20	0.18	0.19	0.21	0.23	0.23	0.23	0.21	0.59	0.24	0.25	0.30	24
5/31/2024	0.34	0.37	0.35	0.31	0.33	0.24	0.44	0.53	0.30	0.30	0.25	0.24	0.19	0.35	0.17	0.14	0.15	0.16	0.12	0.15	0.14	0.18	0.16	0.14	0.25	24
avg	0.22	0.22	0.23	0.19	0.21	0.21	0.26	0.29	0.23	0.23	0.21	0.18	0.20	0.20	0.19	0.20	0.21	0.21	0.22	0.22	0.21	0.22	0.23	0.24	0.22	
min	0.01	0.03	0.05	0.04	0.04	0.04	0.04	0.04	0.06	0.05	0.05	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.05	
max	0.78	0.58	0.52	0.46	0.66	0.56	0.68	0.54	0.69	0.47	0.48	0.32	0.40	0.39	0.41	0.70	0.76	0.42	0.68	0.76	0.62	0.68	0.90	1.09	0.40	624

Saroad Table - Hourly PM2.5 Data
May 2024

Location Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
5/1/2024	0.09	0.08	0.09	0.38	0.57	0.49	0.79	1.02	0.95	1.91	1.99	1.16	0.75	0.30	1.09	0.39	0.75	0.43	0.58	0.35	0.67	0.89	0.68	0.49	0.70	24
5/2/2024	0.37	0.56	0.93	0.89	0.74	0.66	0.70	0.74	0.46	0.66	0.83	0.34	0.93	0.64	0.85	0.45	0.44	0.50	0.64	0.62	0.81	0.54	0.62	0.89	0.66	24
5/3/2024	0.72	0.73	0.83	1.05	1.52	1.14	0.76	0.94	0.55	0.28	0.55	0.24	0.61	0.46	0.85	0.54	0.83	0.92	1.27	0.60	0.90	1.01	0.50	0.72	0.77	24
5/4/2024	0.28	0.46	0.53	0.13	0.11	0.23	0.20	0.27	0.12	0.15	0.14	0.15	0.15	0.18	0.44	0.30	0.27	0.40	0.23	0.27	0.37	0.24	0.33	0.20	0.26	24
5/5/2024	0.13	0.15	0.48	0.15	0.11	0.17	0.25	0.13	0.08	0.08	0.10	0.20	0.85	0.41	0.23	0.31	0.29	0.41	0.34	0.23	0.25	0.40	0.22	0.29	0.26	24
5/6/2024	0.17	0.15	0.14	0.16	0.18	0.36	0.28	0.42	0.46	0.43	0.34	0.30	0.26	0.29	0.48	0.23	0.23	0.19	0.20	0.19	0.24	0.26	0.19	0.12	0.26	24
5/7/2024	0.11	0.11	0.14	0.23	0.25	0.43	0.49	0.52	0.56	0.48	0.37	0.31	0.31	0.35	0.33	0.39	0.44	0.44	0.50	0.53	0.46	0.40	0.35	0.38	0.37	24
5/8/2024	0.41	0.48	0.78	0.56	0.56	0.92	0.97	0.93	0.77	0.63	0.40	0.31	0.31	0.29	0.26	0.32	0.38	0.39	0.47	0.58	0.50	0.46	0.45	0.44	0.52	24
5/9/2024	0.38	0.38	0.50	0.48	0.48	0.53	0.85	0.54	0.52	0.59	0.40	0.37	0.45	0.47	0.68	0.17	0.47	0.46	0.21	0.29	0.24	0.20	0.18	0.13	0.42	24
5/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
5/13/2024	0.57	0.56	0.56	0.64	0.92	0.98	0.88	1.37	1.06	0.36	0.37	0.45	0.68	0.52	0.57	1.06	1.23	0.27	0.35	0.14	0.22	0.12	0.13	0.12	0.59	24
5/14/2024	0.15	0.19	0.22	0.18	0.18	0.18	0.66	0.46	0.35	0.66	0.59	0.29	0.38	0.41	0.28	0.32	0.29	0.31	0.50	0.54	0.88	0.37	0.25	0.14	0.37	24
5/15/2024	0.13	0.18	0.16	0.17	0.24	0.33	0.45	0.46	0.34	0.29	0.35	0.31	0.38	0.29	0.24	0.30	0.29	0.30	0.34	0.39	0.59	0.84	1.92	2.09	0.47	24
5/16/2024	0.68	1.14	0.50	0.49	0.49	0.74	1.02	1.72	0.67	0.68	0.57	1.78	0.60	0.37	0.66	0.56	0.68	1.50	1.09	0.36	0.44	1.86	0.51	0.42	0.81	24
5/17/2024	0.39	0.37	0.37	0.38	0.53	0.63	0.95	1.08	1.07	0.87	1.03	1.25	1.39	1.03	0.58	0.63	0.59	0.66	0.64	0.55	0.69	0.46	1.09	1.32	0.77	24
5/18/2024	0.64	0.54	0.85	0.76	0.74	0.75	0.97	0.90	0.29	0.31	0.38	0.35	0.28	0.18	0.19	0.24	0.17	0.18	0.20	0.30	0.29	0.27	0.24	0.17	0.43	24
5/19/2024	0.13	0.14	0.34	0.27	0.66	0.35	0.25	0.17	0.22	0.28	0.43	0.57	0.27	0.68	0.75	0.41	1.27	1.52	0.97	0.20	0.08	0.12	0.11	0.16	0.43	24
5/20/2024	0.22	0.17	0.11	0.11	0.18	0.19	0.19	0.41	0.23	0.53	0.23	0.70	0.30	0.15	0.50	0.65	0.15	1.17	0.66	1.06	0.35	0.37	0.60	1.51	0.45	24
5/21/2024	0.30	0.50	0.40	0.88	1.94	0.26	0.28	0.31	0.17	0.20	0.12	0.13	0.49	0.19	0.42	0.28	0.19	0.50	0.83	0.25	0.53	0.48	1.02	0.26	0.46	24
5/22/2024	0.41	0.32	0.28	0.16	0.31	0.62	0.41	0.42	0.09	0.26	0.35	0.25	0.42	0.39	0.54	0.25	0.28	0.26	0.84	0.35	0.44	0.21	0.25	0.32	0.35	24
5/23/2024	0.33	0.09	0.21	0.17	0.19	0.53	0.85	0.48	0.34	0.30	0.26	0.21	0.43	0.40	0.96	0.65	0.63	0.32	0.17	0.17	0.16	0.18	0.13	0.13	0.35	24
5/24/2024	0.15	0.23	0.23	0.30	0.42	0.42	0.44	0.61	0.73	0.75	0.58	0.45	0.54	0.40	0.36	0.51	0.75	0.50	0.73	0.28	0.38	0.36	0.33	0.28	0.45	24
5/25/2024	0.22	0.27	0.27	0.38	0.52	0.52	0.69	2.45	1.19	1.10	0.39	0.52	0.27	0.30	0.72	2.03	0.44	0.82	0.38	0.38	0.63	0.65	0.48	0.46	0.67	24
5/26/2024	0.46	0.51	0.49	0.71	0.76	0.79	0.65	0.50	0.79	1.03	1.13	0.37	0.49	0.32	0.28	0.32	0.44	0.44	0.57	0.51	0.48	0.48	0.51	0.50	0.56	24
5/27/2024	0.53	0.59	0.61	0.62	0.69	0.82	0.62	0.55	0.46	0.48	0.40	0.33	0.34	0.41	0.37	0.39	0.36	0.34	0.45	0.49	0.44	0.59	0.67	0.59	0.50	24
5/28/2024	0.67	0.57	0.71	0.76	0.78	0.75	0.76	0.62	0.58	0.73	0.91	0.97	0.43	0.39	0.31	0.28	0.22	0.21	0.95	0.67	0.71	0.93	0.94	1.56	0.68	24
5/29/2024	0.87	2.13	1.24	1.31	0.92	1.42	1.93	1.76	2.22	1.29	0.37	0.70	0.57	0.48	0.32	0.48	0.30	0.27	1.32	2.97	0.87	1.04	0.99	1.06	1.12	24
5/30/2024	1.18	0.96	1.08	1.55	0.68	0.42	0.49	0.65	0.60	0.28	0.37	1.16	0.62	0.42	0.86	0.94	0.39	0.39	0.74	0.48	0.68	0.37	0.39	0.73	0.68	24
5/31/2024	0.80	0.73	0.79	0.85	1.98	2.86	0.89	0.75	0.71	0.99	0.35	0.31	0.85	0.45	0.73	0.41	0.48	0.45	1.06	0.39	0.47	1.02	0.68	0.55	0.81	24
avg	0.41	0.48	0.50	0.53	0.63	0.66	0.67	0.76	0.59	0.59	0.51	0.52	0.51	0.40	0.53	0.49	0.47	0.52	0.61	0.50	0.49	0.54	0.53	0.57	0.54	
min	0.09	0.08	0.09	0.11	0.11	0.17	0.19	0.13	0.08	0.08	0.10	0.13	0.15	0.15	0.19	0.17	0.15	0.18	0.17	0.14	0.08	0.12	0.11	0.12	0.26	
max	1.18	2.13	1.24	1.55	1.98	2.86	1.93	2.45	2.22	1.91	1.99	1.78	1.39	1.03	1.09	2.03	1.27	1.52	1.32	2.97	0.90	1.86	1.92	2.09	1.12	672

Saroad Table - Hourly PM2.5 Data
June 2024

Location Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
6/1/2024	7.6	6.7	5.7	5.7	6.3	7.3	7.3	6.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.7	8
6/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	7.2	7.4	7.4	8.0	7.4	6.1	5.9	5.9	6.7	7.3	8.0	7.0	11
6/15/2024	8.8	9.8	9.7	8.7	7.6	7.5	7.4	5.7	5.6	7.1	8.5	11.3	13.8	13.2	11.3	11.2	12.0	11.9	11.3	10.5	9.0	8.0	7.4	7.1	9.4	24
6/16/2024	6.6	5.6	4.6	4.1	3.9	4.6	5.9	6.3	3.6	3.1	3.4	4.0	4.6	5.7	6.0	6.7	6.1	6.1	6.0	4.6	3.8	4.2	4.0	5.1	4.9	24
6/17/2024	5.7	6.7	8.5	8.7	9.7	12.4	9.1	6.7	8.2	7.2	5.9	5.0	4.7	4.5	4.7	4.8	4.9	4.6	4.3	3.7	3.9	3.5	4.5	4.8	6.1	24
6/18/2024	5.2	5.4	5.3	5.4	5.1	4.7	--	--	4.5	3.8	3.8	4.2	4.6	4.4	4.2	4.4	4.1	3.9	--	--	--	--	--	--	4.6	16
6/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	14.2	13.4	13.5	12.7	11.7	11.4	--	--	--	--	--	--	12.8	6
6/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	13.6	13.3	13.2	12.0	11.0	10.0	11.7	10.2	8.1	--	--	--	11.4	9
6/27/2024	--	--	--	--	--	--	--	9.3	9.8	9.7	10.3	10.9	11.4	11.7	18.0	10.2	4.9	5.4	5.8	6.3	7.7	7.2	6.9	6.6	8.9	17
6/28/2024	6.2	5.9	6.0	6.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.2	4
6/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	6.7	6.7	6.6	6.6	6.5	7.3	7.4	7.0	6.3	6.2	6.4	7.1	9.5	9.2	9.8	8.7	7.8	7.6	7.5	6.9	6.4	5.9	6.0	6.3	7.8	
min	5.2	5.4	4.6	4.1	3.9	4.6	5.9	5.7	3.6	3.1	3.4	4.0	4.6	4.4	4.2	4.4	4.1	3.9	4.3	3.7	3.8	3.5	4.0	4.8	4.6	
max	8.8	9.8	9.7	8.7	9.7	12.4	9.1	9.3	9.8	9.7	10.3	11.3	14.2	13.4	18.0	12.7	12.0	11.9	11.7	10.5	9.0	8.0	7.4	8.0	12.8	143

Saroad Table - Hourly PM2.5 Data
June 2024

Location Carver Village **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
6/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.4	2.3	2.2	1.8	1.7	1.2	1.3	1.2	1.1	1.4	1.7	10
6/18/2024	1.5	1.3	1.0	0.8	0.8	0.6	0.6	1.0	1.8	1.8	1.9	2.0	2.0	1.6	1.9	2.4	2.2	1.8	1.6	1.1	0.9	0.9	0.9	0.8	1.4	24
6/19/2024	0.7	0.3	0.8	1.1	0.9	0.4	0.4	1.1	1.8	2.2	2.1	2.3	1.8	1.2	1.8	2.5	2.3	2.0	1.5	1.3	0.7	0.6	0.4	0.5	1.3	24
6/20/2024	0.4	0.2	0.6	0.5	0.5	0.3	0.1	0.4	1.1	1.7	1.9	2.1	2.0	2.2	2.5	2.3	2.2	1.6	1.4	1.0	0.6	0.6	0.7	0.8	1.2	24
6/21/2024	0.7	0.8	0.6	0.7	0.4	0.2	0.1	0.6	0.9	1.1	1.4	1.3	1.8	1.1	0.1	0.3	0.0	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.5	24
6/22/2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.3	0.6	0.3	0.3	0.5	0.5	0.3	0.2	0.0	0.0	0.0	0.2	24
6/23/2024	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.4	1.0	1.5	2.2	2.5	2.8	2.5	2.8	2.0	1.6	1.5	1.0	0.9	1.1	1.0	1.0	24
6/24/2024	1.0	1.0	0.9	1.0	0.7	0.6	0.6	0.8	1.2	1.6	2.1	2.5	2.5	2.5	3.2	3.2	3.0	3.5	2.6	2.2	1.3	1.2	0.9	0.7	1.7	24
6/25/2024	0.7	0.8	0.9	0.7	0.8	0.7	0.8	0.9	1.2	2.6	2.5	2.7	3.4	3.6	3.6	3.1	2.9	2.5	1.9	1.6	1.2	0.6	0.4	0.5	1.7	24
6/26/2024	0.4	0.5	0.5	0.5	0.6	0.6	0.7	1.4	1.6	1.9	2.0	3.3	3.5	3.6	3.3	3.1	2.3	2.2	2.2	1.6	1.8	2.0	1.8	1.4	1.8	24
6/27/2024	1.1	1.0	0.8	0.6	0.5	0.4	0.5	0.7	1.1	1.6	1.9	2.5	3.4	4.1	4.4	3.2	1.3	1.2	1.1	1.1	1.1	1.0	0.8	0.9	1.5	24
6/28/2024	0.8	0.8	0.7	0.7	0.8	0.8	0.6	0.7	1.0	1.2	1.6	1.8	1.3	1.8	1.5	1.7	1.9	1.8	1.3	1.2	1.1	0.9	0.8	0.8	1.2	24
6/29/2024	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	1.2	1.2	1.7	2.2	2.7	2.8	2.6	2.6	2.2	1.7	1.3	1.1	1.2	0.9	0.8	0.7	1.4	24
6/30/2024	0.7	0.8	0.9	0.6	0.7	0.7	0.8	0.7	1.0	1.2	1.7	2.1	2.7	2.1	2.2	2.4	2.4	2.0	1.4	1.2	1.0	0.9	1.0	1.1	1.3	24
avg	0.7	0.6	0.6	0.6	0.6	0.5	0.4	0.7	1.1	1.4	1.7	2.1	2.3	2.3	2.4	2.3	2.0	1.8	1.4	1.2	1.0	0.8	0.8	0.8	1.3	
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.3	0.1	0.3	0.0	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.2	
max	1.5	1.3	1.0	1.1	0.9	0.8	0.8	1.4	1.8	2.6	2.5	3.3	3.5	4.1	4.4	3.2	3.0	3.5	2.6	2.2	1.8	2.0	1.8	1.4	1.8	322

Saroad Table - Hourly PM2.5 Data
June 2024

Location Woodville **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
6/1/2024									4.8	4.2	4.0	3.9	3.8	3.7	3.5	3.4	3.1	2.9	2.9	2.8				2.4	3.5	13
6/2/2024	2.6	2.2	2.1	2.0	2.1	2.3	2.1		3.0	2.7	3.0	3.0	3.0	3.1	3.3	3.1	2.8	2.6	2.5	2.4	2.8				2.6	20
6/3/2024	2.2	2.0	2.0						3.4	3.5	3.9	4.2	3.8	3.8	3.8	3.6	3.0	2.8	2.4	2.3	2.3	2.2		1.9	2.9	18
6/4/2024	2.1	1.9	2.2	2.0				3.0	3.6	3.6	4.1	4.3	4.5	4.3	4.0	3.4	2.9	2.6	2.1	1.9	1.9	1.8	1.8	2.4	2.9	21
6/5/2024	1.8	1.9	1.9					2.9	3.2	3.7	4.6	5.4	5.3	5.1	4.7	3.6				2.1	1.9	1.9	2.0	2.0	3.2	17
6/6/2024	2.3	1.8	1.5		1.7							5.0	5.3												2.9	6
6/7/2024																									--	0
6/8/2024														5.8	5.1	4.6	4.2	4.1	3.9						4.6	6
6/9/2024											4.7	4.7	4.9	4.9	5.4	5.6									5.0	6
6/10/2024																									--	0
6/11/2024																			3.4						3.4	1
6/12/2024												4.2	4.7	3.5	3.4	3.4	3.2	2.9	2.7	2.4					3.4	9
6/13/2024														3.3	3.1	2.9	2.9	2.9	2.8	2.4	2.2	2.2			2.7	9
6/14/2024									3.4	3.4	3.5	4.5	5.0	5.5					4.4						4.2	7
6/15/2024										5.0						10.0	10.5	10.1							8.9	4
6/16/2024									2.5	2.8	2.7	3.0	3.8	4.4	4.8	4.5	4.2	4.0	3.3	2.4	2.0	2.1			3.3	14
6/17/2024									4.2	4.8	4.4	3.9	3.3	3.4	3.5	3.9	3.5	3.2	3.1	2.5	2.5	2.5	2.5	2.7	3.4	16
6/18/2024	2.7								3.3	3.4	3.2	3.2	3.2	3.2	3.5	3.3	3.1	2.8	2.7	2.4	2.3	2.4			3.0	15
6/19/2024			2.4	2.7					3.2		3.2	3.3	3.0	2.6	3.1	3.2	3.1	2.9	2.8	2.8	2.7			--	2.9	14
6/20/2024										3.6	3.5	3.4	3.2	3.3	3.3	3.2	3.0	2.9	2.9	2.5	2.5	2.5		2.6	3.0	14
6/21/2024										3.1	3.2	3.1		2.5		1.4	0.9	1.5	1.6	1.4	1.3	1.5		1.2	1.9	12
6/22/2024			1.1	0.7	1.0	0.9	0.6	0.5	1.2	1.7	1.7	2.0	2.1	2.2	2.1	2.0	1.8	2.1	1.9	2.0	1.6		1.5	0.8	1.5	21
6/23/2024	0.5	2.1	2.3												4.2	2.9	3.0	3.7	4.4	4.3	3.8	3.6	4.2	4.0	3.3	13
6/24/2024	3.6		3.8																		5.3	3.7	1.9	1.3	3.3	6
6/25/2024	1.4	2.0																	8.7	7.9		3.9	2.6	2.4	4.1	7
6/26/2024	2.3													12.8	12.7	11.3	9.8	9.9	10.6			4.5	4.0	4.0	8.2	10
6/27/2024																									--	0
6/28/2024										3.3			2.6	3.0		4.1	3.0	2.8	2.1	1.7	1.7	1.4	1.5	1.4	2.4	12
6/29/2024	1.5	1.7	1.7	1.4	1.6	1.6	1.7	2.0	2.8	3.4	3.4	3.6	3.9	3.6	3.3	3.1	2.6	2.4	2.4	2.0	2.4	2.0	1.8	1.8	2.4	24
6/30/2024	2.3	2.3	2.1	2.0	1.8	1.4	1.4	1.7	2.7	3.5				4.3	3.7	3.9	3.7	3.0	2.4	2.4	2.2	2.1	2.3	3.1	2.6	21
avg	2.1	2.0	2.1	1.8	1.6	1.5	1.5	2.0	3.2	3.5	3.5	3.8	3.8	4.2	4.2	4.1	3.7	3.6	3.5	2.7	2.4	2.5	2.4	2.3	3.5	
min	0.5	1.7	1.1	0.7	1.0	0.9	0.6	0.5	1.2	1.7	1.7	2.0	2.1	2.2	2.1	1.4	0.9	1.5	1.6	1.4	1.3	1.4	1.5	0.8	1.5	
max	3.6	2.3	3.8	2.7	2.1	2.3	2.1	3.0	4.8	5.0	4.7	5.4	5.3	12.8	12.7	11.3	10.5	10.1	10.6	7.9	5.3	4.5	4.2	4.0	8.9	336

Saroad Table - Hourly PM2.5 Data
June 2024

Location GA DNR **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
6/1/2024	6.1	6.3	5.7	5.8	7.8	8.8	8.3	9.2	6.2	5.0	4.9	4.8	4.7	4.8	4.6	4.5	4.3	4.0	4.0	4.0	3.6	3.5	3.4	3.4	5.3	24
6/2/2024	3.8	3.2	3.1	3.1	3.2	6.0	3.9	4.3	3.9	3.7	3.9	4.1	4.1	4.2	4.4	4.1	3.9	4.0	3.6	3.4	3.5	3.5	3.5	3.3	3.8	24
6/3/2024	3.2	3.2	3.9	3.9	5.7	6.6	6.0	5.1	3.8	4.0	4.8	5.9	4.4	4.8	4.7	4.7	5.4	3.8	3.4	3.1	3.1	3.0	3.3	3.1	4.3	24
6/4/2024	2.9	2.7	2.8	3.0	3.5	4.1	4.7	4.3	3.8	4.2	5.2	5.7	5.1	5.0	4.6	4.3	4.1	3.7	3.2	2.9	2.8	2.8	2.6	2.6	3.8	24
6/5/2024	2.7	2.7	3.0	3.2	4.4	5.6	4.5	3.9	3.6	3.9	4.8	5.9	6.0	5.8	5.8	5.1	2.5	7.0	4.7	3.8	3.3	3.3	3.1	2.9	4.2	24
6/6/2024	3.0	2.8	2.8	3.0	3.6	4.0	4.8	6.0	7.0	7.3	7.5	7.0	7.2	7.8	8.9	8.3	7.4	7.4	7.1	7.5	8.1	8.2	10.2	11.6	6.6	24
6/7/2024	10.5	8.6	7.0	7.1	7.6	8.0	8.5	9.6	10.5	9.1	8.8	8.1	8.1	8.2	8.1	--	--	9.0	9.3	9.7	11.4	13.1	13.3	11.4	9.3	22
6/8/2024	9.0	7.6	7.6	8.1	7.8	7.5	8.0	9.3	8.4	8.4	8.4	7.9	7.9	7.6	6.9	6.6	6.3	6.1	5.9	6.3	7.1	7.3	8.0	9.1	7.6	24
6/9/2024	9.9	10.5	12.6	13.9	14.5	13.6	11.7	9.9	7.7	7.0	6.3	6.1	6.2	6.4	--	--	--	--	7.0	7.2	7.2	7.4	7.4	7.8	9.0	20
6/10/2024	8.3	8.8	10.1	10.3	10.4	11.5	11.7	12.4	14.5	14.9	14.6	13.7	11.8	12.3	14.6	13.4	10.3	8.5	8.3	9.6	9.0	8.3	11.9	8.8	11.2	24
6/11/2024	2.6	7.7	10.4	11.7	12.5	16.2	14.8	16.9	17.6	12.1	11.4	11.1	11.8	10.4	9.7	8.9	6.8	6.0	4.9	5.4	5.1	5.6	5.2	5.2	9.6	24
6/12/2024	6.1	7.8	7.4	7.3	6.5	6.4	7.6	9.5	9.4	7.9	7.0	5.9	5.0	4.9	--	--	--	--	--	--	--	--	--	--	7.1	14
6/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9	4.2	3.9	4.1	4.1	4.0	3.3	3.2	3.3	3.3	5.0	3.8	11
6/14/2024	6.3	9.9	6.8	7.2	7.6	7.9	11.3	7.1	6.4	4.5	4.9	6.4	6.8	7.3	7.4	7.7	7.4	7.0	6.3	6.6	6.9	7.0	7.1	8.4	7.2	24
6/15/2024	10.1	11.3	11.7	10.6	10.4	9.7	8.7	7.8	7.0	6.6	8.1	12.1	13.3	11.6	11.1	11.9	12.1	11.7	10.7	9.7	8.6	7.9	7.4	6.4	9.9	24
6/16/2024	5.0	3.7	3.7	4.7	5.1	5.3	7.2	5.7	3.0	3.2	3.8	4.3	4.6	6.2	5.9	6.0	5.7	6.0	5.2	4.8	3.3	3.9	4.2	4.9	4.8	24
6/17/2024	5.7	8.0	10.3	9.4	10.7	12.2	9.3	6.3	6.3	6.6	5.8	5.1	4.6	4.7	4.8	5.0	4.9	4.4	4.0	3.2	3.4	3.6	3.7	3.9	6.1	24
6/18/2024	4.0	5.3	6.7	8.0	10.3	8.4	7.4	5.6	4.1	4.1	4.2	4.3	4.1	4.3	4.3	4.1	3.9	3.7	3.3	3.2	3.3	3.7	4.4	5.0	5.0	24
6/19/2024	5.1	4.9	3.5	3.9	5.9	5.6	6.7	6.1	3.7	3.7	3.8	4.1	3.8	3.6	4.0	3.9	3.9	3.7	3.6	3.4	3.5	3.7	3.8	4.2	4.3	24
6/20/2024	4.5	4.8	5.0	5.2	6.8	9.6	8.2	5.4	5.0	4.8	5.1	4.6	4.2	4.2	4.4	4.4	4.1	3.8	3.8	3.6	3.7	3.8	3.8	3.9	4.9	24
6/21/2024	4.0	5.5	13.8	12.2	12.0	8.6	7.1	10.2	6.6	5.3	4.8	4.8	5.0	3.7	3.3	1.9	1.7	2.0	1.7	1.8	1.9	2.1	2.0	2.4	5.2	24
6/22/2024	2.5	2.5	2.3	1.4	1.9	1.5	1.0	0.9	2.1	2.0	2.3	2.7	3.0	3.3	2.9	2.9	2.7	3.0	2.8	3.1	2.8	3.6	3.2	0.7	2.4	24
6/23/2024	0.0	2.3	1.9	1.9	2.8	4.5	4.6	3.5	4.5	5.4	5.7	5.8	6.1	6.0	6.1	--	4.3	5.3	5.7	5.3	4.4	4.5	4.8	4.9	4.4	23
6/24/2024	5.1	5.4	5.4	5.2	5.2	4.5	4.7	5.5	7.3	8.2	9.4	10.3	10.9	11.2	12.3	12.2	12.3	12.1	--	--	--	--	--	--	8.2	18
6/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	14.1	14.3	13.4	11.9	10.9	10.4	11.5	12.1	8.2	5.7	5.1	5.7	10.3	12
6/27/2024	6.6	7.2	7.5	7.9	8.6	9.1	10.5	10.5	10.6	10.9	11.0	12.0	13.3	--	--	10.4	6.0	6.5	7.0	8.9	9.5	8.5	7.7	7.7	9.0	22
6/28/2024	7.9	7.0	7.0	7.8	6.9	7.0	6.6	6.0	5.3	4.9	6.5	5.3	3.3	4.1	7.8	6.2	4.5	4.3	2.8	2.6	3.1	5.9	2.6	2.0	5.3	24
6/29/2024	2.0	2.7	2.8	2.4	2.6	2.4	2.4	2.8	3.4	4.1	4.7	5.2	5.0	4.7	4.4	4.4	3.9	3.2	3.3	2.9	5.7	4.1	3.2	6.1	3.7	24
6/30/2024	3.3	3.8	3.4	3.1	2.6	1.8	1.8	2.4	3.5	5.1	7.2	10.3	9.2	5.2	5.3	5.3	5.1	4.7	3.6	3.3	3.2	2.9	3.6	5.1	4.4	24
avg	5.2	5.8	6.2	6.3	6.9	7.3	7.1	6.9	6.5	6.2	6.5	6.8	6.9	6.4	6.7	6.5	5.7	5.8	5.2	5.2	5.1	5.2	5.3	5.4	6.2	
min	0.0	2.3	1.9	1.4	1.9	1.5	1.0	0.9	2.1	2.0	2.3	2.7	3.0	3.3	2.9	1.9	1.7	2.0	1.7	1.8	1.9	2.1	2.0	0.7	2.4	
max	10.5	11.3	13.8	13.9	14.5	16.2	14.8	16.9	17.6	14.9	14.6	13.7	14.1	14.3	14.6	13.4	12.3	12.1	11.5	12.1	11.4	13.1	13.3	11.6	11.2	646

Saroad Table - Hourly PM2.5 Data
June 2024

Location West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
6/1/2024	5.7	5.7	5.5	6.1	6.8	7.4	7.7	8.0	5.9	4.9	5.0	5.0	5.0	4.8	4.5	4.3	4.2	4.0	4.2	3.8	3.6	3.6	3.6	3.5	5.1	24
6/2/2024	3.6	3.3	3.2	3.1	3.4	3.7	4.0	4.1	3.6	3.8	4.1	4.1	4.2	4.3	4.3	5.5	4.0	4.0	3.8	3.6	3.6	3.9	3.8	3.4	3.8	24
6/3/2024	3.8	3.6	4.1	4.0	4.2	4.9	4.7	4.5	3.6	4.2	4.9	5.6	4.5	4.8	4.5	4.3	4.1	3.7	3.4	3.2	3.1	3.1	3.2	3.2	4.0	24
6/4/2024	3.0	3.0	2.9	3.2	3.8	6.9	5.5	6.4	3.8	5.0	5.4	5.9	5.0	4.9	4.6	4.1	3.9	3.7	3.3	3.1	3.7	3.3	3.2	3.1	4.2	24
6/5/2024	3.0	3.0	3.1	3.4	4.0	4.5	4.0	3.9	3.7	4.2	5.1	5.8	5.9	5.9	5.9	7.1	4.2	5.7	4.5	4.0	3.7	3.5	3.4	3.3	4.4	24
6/6/2024	3.3	3.6	3.3	3.3	3.6	4.3	5.1	6.4	7.5	8.1	8.0	7.4	7.3	8.4	9.7	9.2	8.0	7.7	7.7	7.8	9.1	10.0	12.4	12.1	7.2	24
6/7/2024	10.9	9.2	7.1	7.4	7.8	8.2	8.8	10.2	11.2	9.6	9.2	8.4	8.6	8.6	8.5	8.7	8.9	9.3	9.8	10.6	12.4	13.9	13.5	12.5	9.7	24
6/8/2024	9.9	9.2	9.8	10.3	9.0	8.6	7.7	8.2	8.5	9.0	8.6	8.3	8.6	7.7	7.1	6.7	6.2	7.9	6.9	7.1	7.6	8.2	14.7	11.0	8.6	24
6/9/2024	10.9	11.3	13.7	15.8	15.0	14.0	13.0	10.9	9.3	7.6	6.5	6.3	6.7	6.9	7.3	7.5	7.7	8.5	9.0	10.1	9.7	9.2	8.0	8.6	9.7	24
6/10/2024	9.1	9.9	11.8	15.2	11.3	12.4	12.9	14.6	15.7	16.8	16.7	14.5	12.4	13.0	16.4	14.3	11.1	9.8	9.5	9.9	9.7	9.4	12.0	8.4	12.4	24
6/11/2024	4.3	6.5	9.9	11.7	17.8	17.3	16.7	19.9	21.8	13.9	12.9	12.4	12.4	11.6	10.5	9.9	7.1	6.3	5.6	6.1	5.5	5.8	5.4	5.2	10.7	24
6/12/2024	8.1	11.4	8.7	10.3	10.1	9.4	10.2	11.4	9.8	9.9	7.3	6.1	5.2	4.8	4.6	4.5	4.4	4.5	4.8	3.9	3.4	3.3	4.7	4.7	6.9	24
6/13/2024	4.2	4.6	5.1	4.6	4.8	5.3	5.7	5.8	7.0	6.7	6.4	6.5	5.0	3.8	4.3	4.0	4.2	4.4	3.7	3.7	3.4	3.4	4.0	3.9	4.8	24
6/14/2024	4.8	5.9	6.7	8.9	7.7	7.5	7.6	7.4	4.5	4.3	4.4	6.2	7.0	7.7	7.7	8.2	7.4	7.0	6.7	7.6	8.3	7.9	7.9	8.4	7.0	24
6/15/2024	9.4	10.7	11.6	10.9	9.9	9.3	8.9	8.1	7.1	6.7	9.8	12.4	14.4	12.4	12.1	13.2	13.2	12.8	11.2	10.8	9.1	8.4	7.8	6.2	10.3	24
6/16/2024	4.6	4.3	4.0	4.7	5.6	6.5	8.8	6.5	2.8	3.0	3.6	4.1	4.5	6.1	5.8	6.0	5.7	5.7	5.1	4.1	3.9	6.0	5.3	5.4	5.1	24
6/17/2024	6.2	8.7	10.1	9.5	11.2	11.8	9.7	7.0	6.7	7.1	6.1	5.2	4.7	4.7	4.8	5.2	4.9	4.7	4.4	3.7	3.8	3.6	4.0	4.2	6.3	24
6/18/2024	4.3	5.3	7.5	8.1	7.7	6.8	6.2	5.6	4.1	4.3	4.5	4.6	5.1	4.7	4.5	4.6	4.2	3.8	3.7	3.5	3.6	3.6	3.7	3.4	4.9	24
6/19/2024	3.7	4.0	3.6	3.9	4.8	5.3	5.3	5.3	3.9	4.0	4.1	4.4	4.3	3.9	4.4	4.3	4.0	--	--	--	--	--	--	--	4.3	17
6/20/2024	--	--	--	--	--	--	--	--	--	4.4	--	5.2	--	--	--	4.2	--	--	4.5	--	4.0	--	--	--	4.4	5
6/21/2024	--	--	--	--	--	--	--	--	--	--	4.1	--	--	--	--	--	--	--	--	--	--	--	--	--	4.1	1
6/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	13.6	12.9	--	--	--	13.2	2
6/27/2024	--	--	--	--	--	9.7	--	--	11.5	--	--	--	--	--	--	--	--	13.7	7.1	--	--	9.2	7.7	--	9.8	6
6/28/2024	--	--	--	--	--	--	--	--		4.3	--	--	3.5	4.7	--	6.7	--	--	2.7	2.3	2.7	2.3	--	--	3.7	8
6/29/2024	--	--	--	--	--	--	--	--	2.4	--	4.4	4.7	--	--	--	--	--	--	--	--	--	--	--	--	3.8	3
6/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	5.9	6.5	6.9	7.6	7.8	8.2	8.0	8.1	7.3	6.8	6.7	6.8	6.7	6.7	6.9	6.8	6.2	6.7	5.8	6.1	6.0	6.1	6.7	6.1	6.7	
min	3.0	3.0	2.9	3.1	3.4	3.7	4.0	3.9	2.4	3.0	3.6	4.1	3.5	3.8	4.3	4.0	3.9	3.7	2.7	2.3	2.7	2.3	3.2	3.1	3.7	
max	10.9	11.4	13.7	15.8	17.8	17.3	16.7	19.9	21.8	16.8	16.7	14.5	14.4	13.0	16.4	14.3	13.2	13.7	11.2	13.6	12.9	13.9	14.7	12.5	13.2	474

Saroad Table - Hourly PM2.5 Data
June 2024

Location Brickyard **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
6/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	3.6	3.7	3.8	4.4	3.9	4.1	3.8	3.3	--	--	--	--	3.8	8
6/18/2024	--	--	--	--	--	--	--	--	--	3.5	3.5	3.6	3.6	3.7	3.7	3.5	3.4	3.4	--	--	--	--	--	--	3.5	9
6/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/20/2024	--	--	--	--	--	--	--	--	--	4.3	4.2	3.8	3.7	3.7	3.6	3.5	3.4	3.6	--	--	--	--	--	--	3.8	9
6/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	--	--	--	--	--	--	--	--	--	3.9	3.9	3.7	3.6	3.7	3.7	3.8	3.6	3.7	3.8	3.3	--	--	--	--	3.7	
min	--	--	--	--	--	--	--	--	--	3.5	3.5	3.6	3.6	3.7	3.6	3.5	3.4	3.4	3.8	3.3	--	--	--	--	3.5	
max	--	--	--	--	--	--	--	--	--	4.3	4.2	3.8	3.7	3.7	3.8	4.4	3.9	4.1	3.8	3.3	--	--	--	--	3.8	26

Saroad Table - Hourly PM2.5 Data
June 2024

Location Ocean Terminal **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
6/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/14/2024	--	--	--	--	--	--	--	--	--	--	--	5.7	6.0	6.7	6.5	6.9	6.4	6.6	6.4	7.4	7.6	6.5	5.7	6.4	6.5	13
6/15/2024	7.6	9.5	10.6	9.8	8.4	8.4	7.3	6.9	6.6	6.7	10.3	13.5	12.7	11.2	12.4	12.5	12.8	12.3	11.4	10.7	9.1	9.3	7.7	5.3	9.7	24
6/16/2024	4.3	3.5	3.3	3.7	4.2	4.2	5.5	4.7	2.3	2.5	2.9	3.5	4.0	4.6	5.0	5.1	5.3	5.2	4.8	3.5	4.1	3.7	5.2	5.2	4.2	24
6/17/2024	6.8	9.5	9.8	10.2	13.1	11.4	8.3	5.7	5.8	6.2	5.0	4.2	3.5	3.8	3.9	4.3	3.9	3.9	3.3	2.8	2.9	2.8	3.3	3.3	5.7	24
6/18/2024	3.7	5.1	5.7	6.2	6.3	5.5	6.7	5.0	3.0	3.0	3.2	3.3	3.6	3.5	3.5	3.6	3.2	3.0	3.0	2.7	2.9	2.8	2.8	2.6	3.9	24
6/19/2024	2.9	3.0	3.1	3.3	3.8	4.2	4.4	4.6	2.9	2.7	3.0	3.1	3.1	2.9	3.6	3.2	3.1	3.3	3.1	3.1	3.2	3.6	3.3	3.6	3.3	24
6/20/2024	4.0	4.2	3.6	3.9	4.4	4.7	4.6	4.3	4.3	4.1	3.8	3.6	3.5	3.5	3.4	3.5	3.6	3.4	3.4	3.2	3.5	3.4	3.2	3.2	3.8	24
6/21/2024	3.1	3.4	4.0	11.3	6.6	9.1	8.5	5.7	4.5	3.5	3.3	3.3	3.3	2.8	2.5	1.2	0.3	1.0	1.0	1.3	0.9	1.3	1.3	1.3	3.5	24
6/22/2024	1.2	1.7	2.4	1.6	1.3	0.9	0.4	0.4	1.2	1.1	1.4	1.9	2.2	2.4	2.1	2.3	2.0	2.3	2.4	2.3	2.5	3.1	2.7	1.1	1.8	24
6/23/2024	1.4	3.2	3.3	3.6	4.1	5.1	5.2	3.6	4.4	6.5	7.4	6.3	6.2	6.7	6.2	3.5	4.1	5.2	5.8	5.3	4.5	4.8	4.8	4.6	4.8	24
6/24/2024	4.7	5.2	5.2	5.0	4.8	4.2	4.3	5.6	7.0	8.6	9.9	11.1	11.8	13.0	14.4	14.1	14.0	13.8	13.9	10.1	6.3	4.1	2.3	1.8	8.1	24
6/25/2024	2.3	3.6	6.0	8.2	9.0	9.4	10.8	13.2	15.8	16.3	16.1	15.0	14.3	14.8	13.0	13.2	13.1	11.5	10.4	9.6	7.7	4.7	4.9	3.2	10.3	24
6/26/2024	3.5	3.2	4.7	7.2	9.4	9.9	10.3	11.6	13.6	15.1	13.6	14.2	14.6	14.9	12.8	11.8	10.6	10.3	11.0	12.7	7.9	5.5	5.3	6.0	10.0	24
6/27/2024	6.6	7.2	7.5	8.2	8.3	9.4	12.3	12.4	12.4	12.2	12.5	13.1	17.2	17.8	19.5	12.6	6.2	7.3	9.6	8.7	8.9	8.7	7.4	9.3	10.6	24
6/28/2024	7.0	6.7	7.0	7.5	6.6	6.5	7.0	6.3	6.3	5.9	5.8	4.0	2.4	2.8	8.1	7.4	3.7	3.5	2.3	2.2	2.6	2.5	1.9	1.9	4.9	24
6/29/2024	2.6	2.8	2.8	2.2	2.2	2.2	2.9	2.7	3.3	3.9	4.3	4.8	4.6	3.2	2.8	2.6	2.6	2.5	3.4	3.9	2.8	4.1	2.8	2.4	3.1	24
6/30/2024	3.0	3.6	3.2	2.7	2.1	1.6	1.7	2.4	3.6	6.4	7.4	6.1	7.2	4.2	4.5	4.2	4.0	3.3	2.8	2.5	3.3	3.1	3.9	5.8	3.9	24
avg	4.0	4.7	5.1	5.9	5.9	6.1	6.3	5.9	6.1	6.6	6.9	6.9	7.1	7.0	7.3	6.6	5.8	5.8	5.8	5.4	4.7	4.4	4.0	3.9	5.8	
min	1.2	1.7	2.4	1.6	1.3	0.9	0.4	0.4	1.2	1.1	1.4	1.9	2.2	2.4	2.1	1.2	0.3	1.0	1.0	1.3	0.9	1.3	1.3	1.1	1.8	
max	7.6	9.5	10.6	11.3	13.1	11.4	12.3	13.2	15.8	16.3	16.1	15.0	17.2	17.8	19.5	14.1	14.0	13.8	13.9	12.7	9.1	9.3	7.7	9.3	10.6	397

Saroad Table - Hourly PM2.5 Data
June 2024

Location Cockspur Island **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
6/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/13/2024	--	--	--	--	--	--	--	--	--	--	6.4		1.7	1.2	2.5								2.4	1.8	2.7	6
6/14/2024	2.4	2.3							2.9	2.4	2.9	4.0	4.1	4.9	5.4	5.4	5.0	5.0	6.0	5.8	4.6	4.1	3.8	3.4	4.1	18
6/15/2024	3.0	3.3					9.9	--	--	--	--	7.4	6.9	8.3	8.3	8.5	8.2	7.8							7.2	10
6/16/2024	2.5	3.1	2.0	1.9	1.7		1.8	1.6	1.8	2.4	2.7	2.5	2.8	2.4	2.9	2.9	2.7	2.8	2.3	2.5	2.3	4.6	5.3	5.2	2.7	23
6/17/2024	8.2	6.8	7.9	10.9		8.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.5	5
6/18/2024	--	--	--	--	--	--	--	--	3.4	5.1	3.1	3.1	3.2	3.3	3.0	3.1	2.7	2.6	2.3	2.6	2.6	--	--	--	3.1	13
6/19/2024	--	--	--	--	--	--		2.5	3.2	2.9	2.8	3.0	--	--	--	--	--	--	--	--	--	--	--	--	2.9	5
6/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--									--	0
6/25/2024																									--	0
6/26/2024											10.0	9.5	10.3					--	--	--	--	--	--	--	9.9	3
6/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/29/2024	--	--	--	--	--	--	--	--	--	--	3.2								--	--	--	--	--	--	3.2	1
6/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	4.0	3.9	5.0	6.4	1.7	8.5	5.8	2.1	2.8	3.2	4.5	4.9	4.8	4.0	4.4	5.0	4.6	4.6	3.5	3.6	3.1	4.4	3.8	3.5	4.9	
min	2.4	2.3	2.0	1.9	1.7	8.5	1.8	1.6	1.8	2.4	2.7	2.5	1.7	1.2	2.5	2.9	2.7	2.6	2.3	2.5	2.3	4.1	2.4	1.8	2.7	
max	8.2	6.8	7.9	10.9	1.7	8.5	9.9	2.5	3.4	5.1	10.0	9.5	10.3	8.3	8.3	8.5	8.2	7.8	6.0	5.8	4.6	4.6	5.3	5.2	9.9	84

Saroad Table - Hourly PM2.5 Data
June 2024

Location Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
6/1/2024	--	--	--	--	--	--	7.9	8.7	5.5	4.6	4.6	4.5	4.5	4.4	4.2	3.9	4.0	3.7	4.1	--	--	--	--	--	5.0	13
6/2/2024	--	--	--	--	--	--	3.5	3.3	3.2	3.3	3.6	3.9	3.8	3.9	3.9	3.8	3.5	3.4	--	--	--	--	--	--	3.6	12
6/3/2024	--	--	--	--	--	--	5.8	4.9	3.6	3.7	4.4	5.5	4.2	4.4	4.3	3.8	4.7	3.4	--	--	--	--	--	--	4.4	12
6/4/2024	--	--	--	--	--	--	8.1	4.1	3.5	3.9	4.9	5.1	4.6	4.5	4.2	3.6	3.3	--	--	--	--	--	--	--	4.5	11
6/5/2024	--	--	--	--	--	--	3.9	3.6	3.4	3.7	4.6	5.6	5.5	5.5	5.4	5.0	4.6	7.3	--	--	--	--	--	--	4.9	12
6/6/2024	--	--	--	--	--	--	4.9	5.9	6.7	7.1	7.2	6.4	--	--	--	--	--	--	--	--	--	--	--	--	6.4	6
6/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.8	3.1	3.5	3.4	3.5	3.1	2.9	3.0	3.1	3.3	3.3	10
6/14/2024	6.1	6.9	10.8	6.8	9.7	10.2	11.1	12.3	6.4	4.3	4.4	5.8	6.2	6.6	6.8	7.1	6.5	6.1	5.7	6.1	6.6	8.1	6.5	7.7	7.3	24
6/15/2024	9.2	9.9	10.8	9.3	8.6	9.1	7.8	6.0	6.1	6.0	8.9	11.3	13.2	10.9	10.7	11.4	12.0	11.9	10.3	9.4	8.0	7.6	7.0	5.8	9.2	24
6/16/2024	4.3	3.6	3.2	4.0	4.6	5.0	6.8	5.8	2.3	2.5	3.3	3.7	4.0	5.4	5.2	5.5	4.8	5.0	4.5	3.4	3.2	4.4	4.2	4.8	4.3	24
6/17/2024	5.7	8.1	10.3	9.4	12.0	12.2	8.5	5.9	5.6	6.0	5.2	4.6	4.0	4.0	4.2	4.4	4.1	4.0	3.9	3.3	3.1	3.3	3.3	3.7	5.8	24
6/18/2024	3.8	5.6	6.5	7.0	8.4	7.5	5.7	4.8	3.6	3.7	3.6	3.9	3.9	3.9	4.1	3.6	3.4	3.4	3.2	3.0	3.1	3.7	4.4	4.9	4.5	24
6/19/2024	5.0	5.1	3.2	3.7	5.1	4.9	5.8	5.1	3.3	3.3	3.3	3.8	3.5	3.1	3.7	3.5	3.3	3.4	3.5	3.4	3.2	3.5	3.6	3.9	3.9	24
6/20/2024	4.3	4.4	4.7	5.2	5.9	6.6	6.1	4.7	4.5	4.3	4.3	4.0	3.8	4.0	4.0	3.9	3.8	3.8	3.7	3.6	3.6	3.8	3.8	3.5	4.3	24
6/21/2024	3.9	5.3	12.2	13.2	17.4	15.0	13.6	12.3	5.6	4.4	3.8	4.4	4.5	3.5	2.7	1.6	0.8	1.5	1.7	1.6	1.7	2.1	2.1	2.3	5.7	24
6/22/2024	3.0	2.5	2.2	1.8	1.9	1.3	0.9	0.7	2.0	1.8	2.4	2.4	2.7	2.9	2.5	2.8	2.6	2.8	2.7	3.0	2.8	3.4	3.1	1.4	2.3	24
6/23/2024	1.1	3.8	3.9	3.8	4.2	5.5	5.2	3.6	4.1	4.9	5.2	5.1	5.3	5.5	5.2	3.5	3.4	4.5	5.1	5.0	4.1	4.2	4.5	4.4	4.4	24
6/24/2024	4.7	5.0	5.0	5.0	5.0	4.4	4.5	5.2	6.6	7.8	8.8	9.7	10.1	11.8	12.4	12.1	12.1		12.5	11.5	6.4	4.0	2.3	1.7	7.3	23
6/25/2024	2.2	3.0	5.5	7.5	8.5	9.1	10.1	12.1	14.4	16.1	14.9	14.3	13.2	13.1	12.7	12.8	12.6	11.4	10.1	9.8	8.6	5.5	4.1	3.6	9.8	24
6/26/2024	3.9	3.5	4.3	6.4	8.5	10.4	10.9	11.7	13.6	14.6	14.0	13.5	14.1	14.5	12.8	11.6	10.5	9.9	11.1	11.8	7.8	5.4	4.8	5.5	9.8	24
6/27/2024	6.3	6.9	7.2	7.8	8.5	9.4	10.5	10.6	11.8	11.1	11.0	11.6	13.0	13.1	18.3	11.3	5.8	6.3	6.6	8.7	8.9	9.0	7.9	7.5	9.6	24
6/28/2024	7.2	6.6	6.9	7.4	7.0	6.8	6.2	5.9	4.6	4.0	5.5	5.6	2.8	3.3	7.2	5.7	3.7	3.5	2.5	2.2	3.0	2.0	2.3	2.0	4.7	24
6/29/2024	2.0	2.6	2.6	2.3	2.5	2.2	2.4	2.3	2.8	3.7	4.3	4.6	4.7	4.5	3.7	3.5	3.3	2.8	3.0	2.7	4.9	4.1	3.0	3.1	3.2	24
6/30/2024	3.0	3.6	3.1	2.9	2.3	1.8	1.6	1.9	2.7	4.5	7.1	9.0	8.1	5.3	4.9	4.8	4.5	3.8	3.2	3.2	3.1	2.8	3.3	5.0	4.0	24
avg	4.5	5.1	6.0	6.1	7.1	7.1	6.6	6.1	5.5	5.6	6.1	6.4	6.3	6.3	6.4	5.8	5.3	5.0	5.3	5.3	4.7	4.4	4.1	4.1	5.5	
min	1.1	2.5	2.2	1.8	1.9	1.3	0.9	0.7	2.0	1.8	2.4	2.4	2.7	2.9	2.5	1.6	0.8	1.5	1.7	1.6	1.7	2.0	2.1	1.4	2.3	
max	9.2	9.9	12.2	13.2	17.4	15.0	13.6	12.3	14.4	16.1	14.9	14.3	14.1	14.5	18.3	12.8	12.6	11.9	12.5	11.8	8.9	9.0	7.9	7.7	9.8	483

Saroad Table - Hourly PM2.5 Data
June 2024

Location: Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
6/1/2024	0.72	0.87	0.81	0.90	1.21	1.77	1.94	1.82	1.06	0.17	0.16	0.17	0.17	0.13	0.17	0.16	0.19	0.33	0.18	0.44	0.21	0.30	0.18	0.17	0.59	24
6/2/2024	0.18	0.24	0.17	0.24	0.50	0.60	0.36	0.44	0.37	0.17	0.07	0.09	0.08	0.13	0.10	0.09	0.10	0.31	0.20	0.32	0.29	0.50	0.52	0.56	0.28	24
6/3/2024	0.58	0.85	1.31	0.94	1.04	0.83	1.06	0.89	0.15	0.18	0.18	0.18	0.22	0.22	0.13	0.12	0.11	0.12	0.14	0.34	0.28	0.49	1.15	0.47	0.50	24
6/4/2024	0.30	0.77	0.60	0.34	0.31	0.60	1.61	0.76	0.14	0.15	0.18	0.29	0.27	0.21	0.20	0.23	0.11	0.17	0.09	0.23	0.16	0.23	0.21	0.17	0.35	24
6/5/2024	0.24	0.32	0.34	0.71	1.63	2.23	1.55	0.71	0.19	0.27	0.21	0.18	0.18	0.16	0.41	0.28	0.59	0.75	1.05	0.38	0.23	0.16	0.23	0.14	0.55	24
6/6/2024	0.08	0.07	0.10	0.09	0.22	0.37	0.32	0.36	0.30	0.23	0.18	0.17	0.22	0.23	0.25	0.23	0.21	0.28	0.27	0.32	0.46	0.48	0.48	0.53	0.27	24
6/7/2024	0.66	0.47	0.31	0.40	0.38	0.49	0.51	0.41	0.41	0.34	0.29	0.26	0.28	0.26	0.23	0.21	0.23	0.33	0.50	0.44	0.33	0.47	0.70	0.66	0.40	24
6/8/2024	0.57	0.56	0.70	0.50	0.58	0.60	0.59	0.64	1.25	1.41	1.44	0.81	0.32	0.42	0.48	0.45	0.43	1.04	0.30	0.31	0.43	0.55	0.76	0.90	0.67	24
6/9/2024	0.89	1.06	0.88	0.59	0.51	0.56	0.54	0.50	0.25	0.28	0.22	0.23	0.22	0.22	0.24	0.24	0.33	0.47	0.36	0.41	0.43	0.34	0.24	0.28	0.43	24
6/10/2024	0.38	0.42	0.52	0.58	0.59	0.63	0.68	0.81	1.02	0.70	0.74	0.88	0.81	0.79	0.60	0.78	0.82	0.69	0.57	0.66	1.03	1.37	1.01	0.48	0.73	24
6/11/2024	0.97	1.56	0.51	0.92	0.83	0.81	0.66	1.06	1.13	0.91	0.48	0.51	0.44	0.44	0.33	0.25	0.23	0.21	0.26	0.40	0.37	0.31	0.50	0.56	0.61	24
6/12/2024	0.85	1.16	2.45	2.50	2.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.99	5
6/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	0.22	0.29	0.27	0.29	0.31	0.25	0.40	0.42	0.47	0.49	1.17	0.42	11
6/15/2024	0.72	1.25	1.06	0.81	0.71	0.84	1.03	0.42	0.34	0.33	0.39	0.48	0.55	0.50	0.30	0.25	0.29	0.31	0.32	0.46	1.20	0.97	0.46	0.45	0.60	24
6/16/2024	0.65	0.63	1.80	0.76	0.55	0.99	1.41	2.05	0.14	0.11	0.11	0.19	0.11	0.39	0.19	0.90	0.22	0.32	0.64	0.49	0.50	0.46	0.30	0.44	0.60	24
6/17/2024	0.43	0.38	0.97	1.78	1.03	1.10	1.09	0.66	0.35	0.40	0.31	0.27	0.24	0.19	0.33	0.17	0.27	0.16	0.16	0.17	0.27	0.51	0.88	0.77	0.54	24
6/18/2024	0.81	0.99	0.84	0.87	1.43	1.07	3.05	1.81	0.34	0.23	0.21	0.19	0.30	0.28	0.22	0.21	0.11	0.16	0.17	0.45	--	--	--	--	0.69	20
6/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	0.56	0.72	0.84	0.81	0.91	0.90	1.09	0.89	0.50	0.39	0.34	0.33	0.29	0.30	0.28	0.30	0.28	0.37	0.34	0.39	0.44	0.51	0.54	0.52	0.60	
min	0.08	0.07	0.10	0.09	0.22	0.37	0.32	0.36	0.14	0.11	0.07	0.09	0.08	0.13	0.10	0.09	0.10	0.12	0.09	0.17	0.16	0.16	0.18	0.14	0.27	
max	0.97	1.56	2.45	2.50	2.98	2.23	3.05	2.05	1.25	1.41	1.44	0.88	0.81	0.79	0.60	0.90	0.82	1.04	1.05	0.66	1.20	1.37	1.15	1.17	1.99	372

Saroad Table - Hourly PM2.5 Data
June 2024

Location Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
6/1/2024	0.12	0.11	0.15	0.20	0.19	0.07	0.09	0.10	0.15	0.10	0.09	0.09	0.12	0.09	0.11	0.11	0.09	0.08	0.09	0.08	0.09	0.09	0.09	0.08	0.11	24
6/2/2024	0.07	0.08	0.08	0.07	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.06	0.07	0.11	0.08	0.09	0.11	0.10	0.08	0.07	0.06	0.07	0.07	0.07	0.07	24
6/3/2024	0.07	0.07	0.08	0.07	0.05	0.05	0.05	0.07	0.08	0.07	0.06	0.06	0.07	0.12	0.08	0.22	0.08	0.08	0.05	0.08	0.05	0.05	0.06	0.05	0.07	24
6/4/2024	0.07	0.07	0.10	0.05	0.04	0.05	0.06	0.06	0.08	0.51	0.09	0.06	0.07	0.09	0.09	0.07	0.09	0.08	0.06	0.05	0.06	0.06	0.06	0.07	0.09	24
6/5/2024	0.08	0.03	0.06	0.05	0.05	0.05	0.06	0.06	0.07	0.06	0.06	0.07	0.09	0.09	0.10	0.13	0.10	0.11	0.08	0.11	0.08	0.06	0.08	0.08	0.08	24
6/6/2024	0.10	0.07	0.06	0.07	0.17	0.23	0.17	0.18	0.18	0.19	0.18	0.19	0.15	0.27	1.15	0.98	0.72	0.75	0.57	0.24	0.17	0.19	0.21	0.24	0.31	24
6/7/2024	0.23	0.19	0.21	0.28	0.37	0.50	0.42	0.33	0.28	0.17	0.18	0.20	0.18	0.18	0.23	0.39	0.36	0.31	0.32	0.31	0.28	0.47	0.54	0.41	0.31	24
6/8/2024	0.30	0.35	0.15	0.29	0.43	0.52	0.27	0.40	0.34	0.23	0.17	0.16	0.17	0.24	0.25	0.25	0.26	0.28	0.28	0.32	0.34	0.33	0.37	0.35	0.29	24
6/9/2024	0.40	0.65	0.57	0.43	0.40	0.40	0.26	0.24	0.23	0.23	0.22	0.23	0.27	0.32	0.33	0.37	0.44	0.42	0.29	0.27	0.25	0.22	0.18	0.20	0.33	24
6/10/2024	0.24	0.29	0.37	0.45	0.58	0.32	0.19	0.15	0.26	0.22	0.42	0.28	0.20	0.23	0.21	0.20	0.65	0.15	0.17	0.32	0.31	0.22	0.16	0.36	0.29	24
6/11/2024	0.16	0.26	0.23	0.17	0.16	0.32	0.19	0.22	0.20	0.26	0.15	0.19	0.15	0.16	0.17	0.19	0.20	0.26	0.20	0.19	0.45	0.18	0.25	0.35	0.22	24
6/12/2024	0.23	0.22	0.28	0.25	0.41	0.24	0.22	0.30	0.15	0.11	0.15	0.09	0.26	0.18	0.13	0.12	0.28	0.32	0.13	0.14	0.19	0.13	0.13	0.12	0.20	24
6/13/2024	0.19	0.33	0.34	0.30	0.22	0.20	0.78	0.09	0.13	0.05	0.03	0.11	0.07	0.08	0.08	0.12	0.11	0.08	0.12	0.09	0.56	0.12	0.52	0.48	0.22	24
6/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
6/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	0.15	0.18	0.15	0.13	0.13	0.09	0.08	0.06	0.06	0.09	0.15	0.11	11
6/25/2024	0.17	0.18	0.17	0.19	0.41	0.26	0.18	0.18	0.21	0.21	0.25	0.24	0.24	0.21	0.15	0.16	0.19	0.16	0.12	0.13	0.12	0.10	0.13	0.17	0.19	24
6/26/2024	0.20	0.23	0.33	0.27	0.19	0.18	0.20	0.22	0.22	0.23	0.24	0.25	0.23	0.25	0.24	0.23	0.26	0.21	0.15	0.16	0.22	0.26	0.25	0.28	0.23	24
6/27/2024	0.28	0.27	0.24	0.23	0.23	0.22	0.23	0.25	0.35	0.33	0.25	0.18	0.21	0.12	0.12	0.15	0.19	0.26	0.25	0.23	0.19	0.18	0.12	0.14	0.22	24
6/28/2024	0.12	0.12	0.14	0.18	0.31	0.58	0.43	0.63	0.39	0.32	0.44	0.17	0.09	0.10	0.12	0.10	0.09	0.11	0.14	0.09	0.08	0.12	0.11	0.16	0.21	24
6/29/2024	0.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.17	1
6/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	0.18	0.21	0.21	0.21	0.25	0.25	0.23	0.21	0.20	0.20	0.18	0.15	0.16	0.17	0.21	0.22	0.24	0.22	0.18	0.16	0.20	0.16	0.19	0.21	0.2	
min	0.07	0.03	0.06	0.05	0.04	0.05	0.05	0.06	0.06	0.05	0.03	0.06	0.07	0.08	0.08	0.07	0.08	0.08	0.05	0.05	0.05	0.05	0.06	0.05	0.1	
max	0.40	0.65	0.57	0.45	0.58	0.58	0.78	0.63	0.39	0.51	0.44	0.28	0.27	0.32	1.15	0.98	0.72	0.75	0.57	0.32	0.56	0.47	0.54	0.48	0.3	420

Saroad Table - Hourly PM2.5 Data
June 2024

Location Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
6/1/2024	0.43	0.29	0.24	0.31	0.31	0.79	0.75	0.43	0.57	0.43	0.16	0.15	0.62	0.24	0.68	0.31	0.22	0.30	0.90	0.45	0.59	0.35	0.25	0.16	0.41	24
6/2/2024	0.25	0.13	0.16	0.47	0.74	1.09	0.87	0.41	0.22	0.17	0.10	0.13	0.18	0.10	0.13	0.09	0.17	0.12	0.15	0.21	0.28	0.16	0.11	0.11	0.27	24
6/3/2024	0.09	0.12	0.21	0.14	0.28	0.70	0.56	0.31	0.22	0.16	0.19	0.31	0.45	0.29	0.59	0.15	0.50	0.17	0.41	0.16	0.19	0.17	0.14	0.13	0.28	24
6/4/2024	0.13	0.10	0.09	0.31	0.32	0.44	0.71	0.35	0.18	0.23	0.19	0.34	0.72	0.37	0.44	0.10	0.22	0.24	0.30	0.10	0.16	0.10	0.13	0.08	0.27	24
6/5/2024	0.14	0.07	0.09	0.13	0.86	1.23	0.69	0.27	0.26	0.23	0.20	0.18	0.39	0.46	0.43	0.20	0.86	0.73	0.91	0.21	0.21	0.15	0.11	0.09	0.38	24
6/6/2024	0.10	0.12	0.15	0.28	0.24	0.31	0.53	0.75	0.44	0.40	0.39	0.34	0.30	0.38	0.38	0.32	0.26	0.20	0.25	0.30	0.36	0.39	0.76	0.66	0.36	24
6/7/2024	0.60	0.39	0.30	0.30	0.36	0.54	0.69	0.79	0.69	0.56	0.53	0.34	0.42	0.38	0.28	0.34	0.22	0.28	0.43	0.52	0.83	0.75	0.64	1.09	0.51	24
6/8/2024	0.46	0.40	0.35	0.34	0.64	0.53	0.37	0.47	0.35	0.53	0.47	0.87	1.13	0.50	0.40	0.92	0.45	0.58	1.03	0.60	0.49	0.33	0.34	0.34	0.54	24
6/9/2024	0.39	0.37	0.61	0.68	0.64	0.63	0.62	0.51	0.36	0.28	0.25	0.35	0.25	0.23	0.23	0.24	0.26	0.41	0.35	0.42	0.39	0.51	0.64	0.51	0.42	24
6/10/2024	0.60	0.77	0.88	0.78	0.64	0.69	1.12	2.47	0.96	0.74	0.62	0.52	0.76	0.73	0.85	0.69	0.85	0.88	1.40	0.53	0.23	0.42	0.90	0.41	0.81	24
6/11/2024	0.14	0.23	0.16	0.26	0.35	0.48	1.91	2.15	0.79	0.56	0.39	0.56	0.96	0.83	1.62	0.55	0.36	0.35	1.08	0.66	0.54	0.40	0.42	1.04	0.70	24
6/12/2024	0.66	0.42	0.38	0.35	0.78	0.56	0.50	0.29	0.47	0.63	0.94	0.41	0.84	0.56	0.75	0.72	0.24	0.31	1.14	0.18	0.17	0.31	0.37	0.29	0.51	24
6/13/2024	0.20	0.25	0.28	0.21	0.34	0.82	0.36	0.39	0.38	0.45	0.60	0.25	0.41	0.15	0.39	0.22	0.72	0.20	0.39	0.28	0.32	0.36	0.19	0.37	0.36	24
6/14/2024	0.31	0.40	0.54	0.39	0.89	0.28	0.58	0.74	0.14	0.26	0.12	0.18	0.44	0.25	0.51	0.40	0.31	0.56	1.00	0.41	0.52	0.33	0.28	0.45	0.43	24
6/15/2024	0.68	1.07	1.10	1.07	1.00	0.97	0.74	0.40	0.43	0.31	0.65	0.68	0.78	0.33	0.72	0.46	0.44	0.68	0.97	0.48	0.49	0.47	0.63	0.29	0.66	24
6/16/2024	0.24	0.19	0.20	0.41	0.95	1.07	0.54	0.53	0.15	0.20	0.12	0.14	0.47	0.25	0.71	0.23	0.52	0.31	1.45	0.36	0.77	0.40	0.76	0.23	0.47	24
6/17/2024	1.12	1.31	1.50	1.38	1.61	1.22	0.84	0.30	0.29	0.73	0.23	0.23	0.55	0.30	0.56	0.46	0.30	0.33	0.56	0.18	0.24	0.13	0.18	0.12	0.61	24
6/18/2024	0.26	1.17	0.75	0.50	0.36	0.46	0.35	0.38	0.15	0.20	0.18	0.14	0.59	0.36	0.53	0.21	0.13	0.22	0.73	0.21	0.12	0.07	0.13	0.08	0.34	24
6/19/2024	0.05	0.06	0.09	0.19	0.23	0.25	0.14	0.56	0.30	0.13	0.25	0.08	0.20	0.09	0.77	0.10	0.21	0.21	0.30	0.09	0.10	0.64	0.10	0.16	0.22	24
6/20/2024	0.30	0.40	0.14	0.13	0.31	0.26	0.30	0.23	0.22	0.25	0.12	0.15	0.52	0.11	0.36	0.27	0.59	0.21	0.62	0.14	0.16	0.15	0.15	0.14	0.26	24
6/21/2024	0.17	1.00	1.78	2.01	0.33	0.74	0.57	0.36	0.23	0.12	0.14	0.17	0.30	0.17	0.67	0.16	0.16	0.13	0.24	0.60	0.25	0.12	0.14	0.17	0.45	24
6/22/2024	0.10	0.10	0.46	0.20	0.25	0.28	0.28	0.43	0.35	0.46	0.14	0.16	0.55	0.25	0.14	0.55	0.26	0.26	0.83	0.17	0.33	0.23	0.49	0.14	0.31	24
6/23/2024	0.20	0.12	0.11	0.14	0.19	0.27	0.23	0.21	0.17	0.73	1.61	0.94	0.66	0.55	0.24	0.09	0.10	0.13	0.15	0.15	0.14	0.14	0.15	0.14	0.32	24
6/24/2024	0.17	0.16	0.18	0.14	0.15	0.17	0.29	0.42	0.38	0.42	0.44	0.40	0.51	0.53	0.61	0.47	0.38	0.37	0.43	0.47	0.31	0.21	0.20	0.16	0.33	24
6/25/2024	0.16	0.27	0.33	0.36	0.39	0.55	1.21	1.26	0.98	0.72	0.65	0.50	0.83	0.55	1.15	0.52	0.65	0.40	0.30	0.32	0.31	0.20	0.62	0.15	0.56	24
6/26/2024	0.15	0.15	0.25	0.34	0.43	0.58	0.89	0.70	0.46	0.29	0.41	0.35	0.66	0.51	0.44	0.36	0.32	0.29	0.35	0.37	0.31	0.21	0.27	0.35	0.39	24
6/27/2024	0.26	0.24	0.25	0.26	0.31	0.38	2.60	2.39	2.29	0.93	1.67	0.70	1.25	1.56	1.89	1.45	0.37	0.58	1.26	1.10	0.77	0.52	0.39	0.56	1.00	24
6/28/2024	0.43	0.35	0.34	0.42	0.49	0.58	2.69	2.70	2.95	3.11	1.34	0.59	0.79	0.86	1.31	0.80	0.22	0.14	0.11	0.13	0.14	0.17	0.18	0.14	0.87	24
6/29/2024	0.50	0.41	0.62	0.23	0.34	0.29	0.46	0.24	0.52	0.31	0.24	0.20	0.43	0.38	0.29	0.18	0.16	0.17	0.24	0.25	0.14	0.31	0.14	0.12	0.30	24
6/30/2024	0.19	0.25	0.20	0.17	0.15	0.11	0.09	0.10	0.27	0.49	0.35	0.21	0.37	0.33	0.48	0.16	0.32	0.13	0.21	0.12	0.18	0.18	0.13	0.20	0.22	24
avg	0.32	0.38	0.42	0.43	0.50	0.58	0.75	0.72	0.54	0.50	0.46	0.35	0.58	0.42	0.62	0.39	0.36	0.33	0.62	0.34	0.34	0.30	0.33	0.30	0.45	
min	0.05	0.06	0.09	0.13	0.15	0.11	0.09	0.10	0.14	0.12	0.10	0.08	0.18	0.09	0.13	0.09	0.10	0.12	0.11	0.09	0.10	0.07	0.10	0.08	0.22	
max	1.12	1.31	1.78	2.01	1.61	1.23	2.69	2.70	2.95	3.11	1.67	0.94	1.25	1.56	1.89	1.45	0.86	0.88	1.45	1.10	0.83	0.75	0.90	1.09	1.00	720

Saroad Table - Hourly PM2.5 Data
July 2024

Location Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
7/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/16/2024	--	--	--	--	--	--	--	--	--	--	9.6	9.2	9.7	10.5	10.6	8.3	5.6	5.5	5.8	5.4	4.3	4.5	4.9	5.7	7.1	14
7/17/2024	6.4	5.8	5.6	6.1	6.2	6.3	7.2	7.9	8.5	8.1	8.2	8.0	8.4	8.2	8.6	7.7	5.6	4.3	4.5	4.4	4.2	4.1	4.4	4.4	6.4	24
7/18/2024	3.8	3.6	3.7	4.1	4.2	4.5	4.5	4.7	4.1	4.3	4.5	4.3	4.8	3.9	2.4	1.3	1.2	1.9	2.1	2.1	1.8	1.7	1.6	1.6	3.2	24
7/19/2024	--	--	--	--	--	--	--	--	--	4.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.2	1
7/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/22/2024	--	--	--	--	--	--	--	--	--	--	8.3	5.5	6.4	4.6	4.0	3.7	3.3	--	--	--	--	--	--	--	5.1	7
7/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	10.7	8.5	8.3	9.8	9.8	8.0	7.4	7.5	3.4	2.0	1.9	7.0	11
7/30/2024	1.9	3.0	4.6	3.7	2.5	2.4	2.5	2.6	3.0	3.8	5.0	5.5	5.9	6.3	6.9	7.5	7.7	7.0	6.5	5.6	5.0	4.7	5.0	6.4	4.8	24
7/31/2024	7.6	7.3	6.8	6.6	6.7	7.0	7.2	7.4	7.8	7.8	8.7	9.1	8.7	9.7	9.9	6.8	4.4	6.1	7.0	5.2	5.3	5.6	5.3	4.8	7.0	24
avg	4.9	4.9	5.2	5.1	4.9	5.1	5.3	5.6	5.8	5.6	7.4	6.9	7.3	7.7	7.3	6.2	5.4	5.8	5.7	5.0	4.7	4.0	3.9	4.1	5.6	
min	1.9	3.0	3.7	3.7	2.5	2.4	2.5	2.6	3.0	3.8	4.5	4.3	4.8	3.9	2.4	1.3	1.2	1.9	2.1	2.1	1.8	1.7	1.6	1.6	3.2	
max	7.6	7.3	6.8	6.6	6.7	7.0	7.2	7.9	8.5	8.1	9.6	9.2	9.7	10.7	10.6	8.3	9.8	9.8	8.0	7.4	7.5	5.6	5.3	6.4	7.1	129

Saroad Table - Hourly PM2.5 Data
July 2024

Location Carver Village **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
7/1/2024	0.8	0.3	0.0	0.0	0.0	0.2	0.1	0.4	0.5	0.9	1.3	1.6	1.9	1.5	0.0	0.0	0.3	0.6	1.0	0.8	0.8	0.6	0.2	0.0	0.6	24
7/2/2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.7	1.1	0.9	0.9	0.6	0.4	0.2	0.1	0.0	0.1	0.2	24
7/3/2024	0.1	0.2	0.3	0.2	0.2	0.2	0.4	0.1	0.3	0.6	0.9	0.0	0.0	0.1	0.5	0.6	0.7	0.9	0.8	0.9	0.8	0.8	0.7	0.6	0.4	24
7/4/2024	0.6	0.6	0.4	0.4	0.4	0.4	0.1	0.1	0.5	0.9	1.5	1.9	2.3	2.8	2.9	2.9	2.9	2.4	2.2	1.3	1.5	1.3	1.0	0.8	1.3	24
7/5/2024	0.7	0.8	0.7	0.6	0.6	0.5	0.6	0.6	1.2	1.4	1.6	2.0	2.7	3.3	3.1	3.1	2.8	2.5	1.8	1.5	1.5	1.5	1.4	1.3	1.6	24
7/6/2024	1.1	1.0	0.9	0.9	0.8	0.9	1.2	1.5	2.1	2.2	2.2	2.3	2.7	3.1	2.8	3.2	2.6	1.9	1.5	1.5	1.7	1.4	1.5	1.1	1.8	24
7/7/2024	1.0	0.9	0.9	0.6	0.8	0.7	0.7	1.0	1.3	1.5	1.6	1.8	1.8	2.1	2.1	2.2	2.4	1.9	1.4	1.3	1.2	1.0	0.9	0.9	1.3	24
7/8/2024	1.1	0.9	1.0	1.0	0.8	0.6	0.8	1.2	1.4	1.7	2.0	2.1	2.2	1.3	0.0	0.0	0.0	0.3	0.5	0.5	0.3	0.3	0.3	0.4	0.9	24
7/9/2024	0.5	0.5	0.4	0.3	0.4	0.4	0.3	0.4	0.6	0.9	1.2	1.5	2.2	2.8	2.9	2.9	3.1	2.0	1.6	0.7	0.5	0.7	0.6	0.6	1.2	24
7/10/2024	0.6	0.5	0.6	0.6	0.6	0.6	0.4	0.5	0.8	1.1	1.6	2.0	2.5	2.6	2.5	2.4	2.6	2.4	2.3	1.7	1.1	1.0	0.7	0.8	1.4	24
7/11/2024	0.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.7	1
7/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/30/2024	--	--	--	--	--	--	--	--	--	--	--	5.4	6.2	7.2	7.7	8.3	8.6	6.9	6.7	6.1	5.5	5.8	5.9	7.1	6.7	13
7/31/2024	8.2	8.0	7.5	7.2	7.7	7.7	7.8	8.5	9.2	9.3	9.8	10.1	10.0	10.9	10.8	9.2	5.7	6.7	7.7	6.6	6.6	7.6	6.3	5.3	8.1	24
avg	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.3	1.6	1.9	2.1	2.6	2.9	3.2	3.0	3.0	2.7	2.5	2.3	2.0	1.8	1.8	1.6	1.6	2.0	
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.5	0.4	0.2	0.1	0.0	0.0	0.2	
max	8.2	8.0	7.5	7.2	7.7	7.7	7.8	8.5	9.2	9.3	9.8	10.1	10.0	10.9	10.8	9.2	8.6	6.9	7.7	6.6	6.6	7.6	6.3	7.1	8.1	278

Replaced with a new unit on 7/30/24

Saroad Table - Hourly PM2.5 Data
July 2024

Location Woodville **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
7/1/2024		1.3	0.6	0.8												1.3					1.8	1.8			1.3	6
7/2/2024		1.6	1.5	1.1	1.1										2.5	2.1	1.8	1.6	1.6	1.7	1.6	1.5	1.6	1.2	1.6	14
7/3/2024	1.0	1.2	1.6						3.0	2.7	2.5	1.8	1.2	1.6	1.9	2.1	1.9	2.0	2.0	1.8	1.5				1.9	16
7/4/2024									2.6	2.9	3.1	3.7		4.5	5.4	4.8	4.6	3.9	2.6	1.7					3.6	11
7/5/2024															6.2	5.9	5.1	4.3	4.4	4.9	4.7	5.7			5.1	8
7/6/2024									7.6	7.1			7.8	7.7	6.7	7.0	6.9	6.4	4.7	4.1					6.6	10
7/7/2024									2.9	3.1	3.1	3.3	3.2	3.1	3.0	3.0	2.9	2.5	2.2	1.9	2.0	1.9	1.8	1.9	2.6	16
7/8/2024	1.9	2.1	2.3	2.1	2.4	2.0	2.3	2.7							1.4	0.4	1.2		1.9	1.8					1.9	13
7/9/2024																		5.9	5.0	2.9					4.6	3
7/10/2024																									--	0
7/11/2024											4.4	4.5		4.0	4.2	4.5	4.3	3.9							4.3	7
7/12/2024																									--	0
7/13/2024																									--	0
7/14/2024																			13.7						13.7	1
7/15/2024																									--	0
7/16/2024															9.7	6.7	5.5	5.2	5.1	5.1	3.9			4.6	5.7	8
7/17/2024	5.1														9.5		5.4		3.6						5.9	4
7/18/2024										4.2	3.7	3.9	4.0	3.8	1.7	0.7	1.0	1.3	1.7	1.7	1.3	1.3	1.5	1.7	2.2	15
7/19/2024	1.6	1.6	1.6	2.0					3.2	3.2	3.0	3.0	3.2	3.5	3.8	3.6	1.0	0.7	0.7	0.4	0.4	0.5	0.5	0.9	1.9	20
7/20/2024	1.1	1.3	1.6					2.1	2.9	3.2	3.0	3.5	3.9	3.9	4.0	3.9	2.8	2.0	--	--	--	--	--	--	2.8	14
7/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	6.6	7.2	7.6	8.2	8.3	6.8	5.9	5.3	5.0	5.4	5.4	7.0	6.6	12
7/31/2024	8.3	8.1	7.7	7.8	7.6	7.8	8.5	8.8	9.8	9.6	9.7	10.6	10.4	10.7	11.2	8.7	4.8	5.7	8.0	6.4	6.9	7.0	6.7	5.3	8.2	24
avg	3.2	2.5	2.4	2.8	3.7	4.9	5.4	4.5	4.6	4.5	4.1	4.3	5.1	5.0	5.3	4.2	3.8	3.7	4.2	3.0	2.9	3.1	2.9	3.3	4.5	
min	1.0	1.2	0.6	0.8	1.1	2.0	2.3	2.1	2.6	2.7	2.5	1.8	1.2	1.6	1.4	0.4	1.0	0.7	0.7	0.4	0.4	0.5	0.5	0.9	1.3	
max	8.3	8.1	7.7	7.8	7.6	7.8	8.5	8.8	9.8	9.6	9.7	10.6	10.4	10.7	11.2	8.7	8.3	6.8	13.7	6.4	6.9	7.0	6.7	7.0	13.7	202

Replaced with a new unit on 7/30/24

Saroad Table - Hourly PM2.5 Data
July 2024

Location GA DNR **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
7/1/2024	4.6	2.2	1.3	1.3	3.4	4.3	6.0	7.1	9.5	11.9	17.2	15.0	11.8	6.9	4.1	0.5	1.2	2.4	6.1	3.1	3.1	3.8	4.7	3.8	5.6	24
7/2/2024	2.3	2.4	3.1	2.2	2.4	2.5	3.6	5.0	4.9	6.0	5.7	5.3	5.0	4.4	3.8	2.9	2.6	2.6	2.2	2.2	2.5	2.1	2.4	1.3	3.3	24
7/3/2024	1.0	1.4	2.6	5.6	6.6	5.4	6.6	5.2	4.3	4.0	3.2	2.4	1.3	2.0	2.7	2.9	3.0	3.2	2.7	2.5	2.7	8.5	4.4	3.7	3.7	24
7/4/2024	4.0	5.7	7.1	7.0	8.6	9.5	7.8	4.4	4.0	3.7	4.3	5.2	5.7	5.7	6.5	6.2	5.9	5.5	4.3	2.9	8.0	14.6	14.5	8.5	6.6	24
7/5/2024	5.6	4.6	4.5	4.9	5.1	5.7	7.1	5.1	7.9	7.6	7.4	7.7	8.0	--	7.3	7.2	6.2	5.8	5.6	6.1	6.1	7.1	7.9	7.7	6.4	23
7/6/2024	7.7	8.1	8.4	8.4	8.2	8.6	10.4	8.7	8.6	9.1	8.9	9.2	9.5	8.8	7.6	8.4	7.6	7.2	6.5	6.6	8.1	7.4	6.4	6.6	8.1	24
7/7/2024	8.8	8.2	6.4	5.4	5.8	7.1	7.6	5.4	4.4	4.3	4.5	4.5	4.7	4.5	4.4	4.6	4.3	3.9	3.4	3.3	3.6	3.7	3.4	3.0	5.0	24
7/8/2024	3.2	3.5	3.4	3.4	3.9	3.4	3.8	4.4	5.4	6.9	--	--	9.5	7.3	1.9	0.0	0.0	1.5	2.0	2.2	3.3	5.0	7.4	7.4	4.0	22
7/9/2024	6.9	6.5	6.5	7.0	6.9	7.9	8.3	8.4	7.2	6.1	5.7	6.4	6.8	6.8	--	--	--	7.4	6.3	3.8	4.4	5.6	5.6	5.8	6.5	21
7/10/2024	6.0	5.3	5.0	4.7	4.4	4.1	4.0	4.5	4.9	6.0	6.9	6.6	6.6	6.6	6.8	6.7	6.5	6.4	6.4	6.2	5.6	5.3	4.8	5.3	5.6	24
7/11/2024	5.4	5.7	5.6	4.8	5.0	7.0	6.8	6.2	7.2	7.6	6.4	6.2	5.8	5.3	5.8	6.2	5.8	5.7	5.8	6.3	7.9	8.8	7.8	8.6	6.4	24
7/12/2024	9.7	11.5	13.2	16.7	17.0	14.8	13.8	13.8	14.8	14.6	14.1	11.9	13.7	11.7	11.8	11.4	10.9	11.0	11.7	11.8	11.6	12.1	13.4	12.5	12.9	24
7/13/2024	11.7	11.5	10.5	11.5	14.9	15.7	14.2	12.4	11.7	18.3	13.9	12.9	10.0	9.6	8.8	9.2	8.4	9.5	11.5	11.5	10.8	11.8	12.6	13.5	11.9	24
7/14/2024	14.6	15.4	20.8	15.8	13.9	13.6	13.7	15.0	15.4	15.6	14.3	13.3	--	12.4	--	12.6	10.7	12.8	15.6	15.1	14.6	14.5	11.2	11.7	14.2	22
7/15/2024	12.4	12.6	11.6	10.9	11.6	12.2	11.9	11.6	12.7	14.3	--	--	--	14.1	16.1	3.3	4.3	10.9	10.9	10.7	8.7	7.7	5.8	5.3	10.5	21
7/16/2024	5.4	5.4	5.3	5.7	5.7	5.2	5.3	7.0	9.0	10.3	10.0	8.8	9.4	10.5	10.7	6.0	6.2	6.1	6.2	5.2	4.7	4.9	5.4	5.8	6.9	24
7/17/2024	6.1	5.9	5.8	6.4	7.0	7.6	8.0	8.8	9.2	8.8	8.8	8.9	8.9	--	--	7.3	6.6	5.2	5.2	5.1	5.5	4.9	4.8	4.8	6.8	22
7/18/2024	4.9	4.6	4.9	6.2	5.7	4.9	5.3	5.3	5.4	5.3	5.4	5.4	5.4	5.5	1.1	0.0	0.5	2.6	2.6	2.0	1.7	1.8	2.4	2.7	3.8	24
7/19/2024	2.9	3.0	2.9	3.4	4.8	5.2	5.1	4.3	3.9	3.5	3.8	3.7	3.6	3.9	4.3	4.7	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.7	24
7/20/2024	0.0	1.4	1.9	2.7	2.9	2.9	3.3	2.9	3.2	3.9	4.4	5.2	5.3	5.4	5.4	5.1	3.9	1.8	2.2	0.9	0.0	0.0	0.0	0.0	2.7	24
7/21/2024	0.0	0.0	0.5	0.5	1.0	2.1	2.7	3.6	4.8	5.1	8.0	14.3	13.0		13.7	5.9	4.4	3.3	3.2	3.4	3.7	4.3	4.7	4.8	4.7	23
7/22/2024	4.5	4.4	4.6	4.8	4.9	5.2	4.9	4.7	5.1	5.8	6.2	6.4	5.9	5.7	4.6	2.2	0.0	0.0	0.0	0.4	0.8	0.6	0.9	1.1	3.5	24
7/23/2024	1.8	2.3	3.0	2.9	3.2	3.5	4.9	10.7	8.8	8.6	7.9	7.3	7.1	7.0	5.5	4.5	4.3	3.6	2.5	1.8	1.9	1.9	2.6	2.6	4.6	24
7/24/2024	2.7	2.6	2.5	2.6	3.2	4.1	4.4	4.6	5.2	6.1	6.5	5.7	--	--	--	--	--	--	--	--	--	--	--	--	4.2	12
7/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/26/2024	--	--	--	--	--	--	--	--	--	9.0	10.0	8.4	7.6	7.6	7.5	--	5.1	3.5	0.0	0.0	0.0	0.0	1.0	2.5	4.4	14
7/27/2024	3.7	3.9	3.9	5.0	4.1	4.2	5.4	6.4	6.3	5.9	6.3	7.2	7.4	7.7	7.8	8.0	6.6	5.7	6.0	8.4	9.8	9.1	9.5	9.6	6.6	24
7/28/2024	9.7	9.6	10.6	11.0	12.1	13.6	12.8	12.2	11.7	12.1	12.8	12.5	12.6	12.6	13.0	12.7	12.4	11.5	10.5	9.9	9.7	10.0	10.2	9.5	11.5	24
7/29/2024	9.4	9.5	8.4	8.5	9.2	9.9	9.2	9.4	9.2	8.5	9.1	10.3	11.0	10.0	9.1	9.4	11.1	11.2	10.7	11.5	10.2	5.2	3.6	3.8	9.0	24
7/30/2024	3.0	4.1	6.3	4.7	3.9	3.4	3.9	3.7	4.1	4.7	5.7	6.2	6.9	7.3	--	--	--	6.6	6.4	5.9	5.5	5.7	5.9	7.2	5.3	21
7/31/2024	8.4	8.2	7.6	7.6	7.8	7.9	7.9	8.5	9.3	9.4	9.7	9.8	10.0	10.4	10.4	4.5	6.1	6.9	8.1	6.8	6.8	7.0	6.5	5.5	8.0	24
avg	5.7	5.8	6.1	6.3	6.7	6.9	7.2	7.2	7.5	8.1	8.1	8.1	7.9	7.7	7.2	5.9	5.4	5.7	5.7	5.4	5.6	6.0	5.9	5.7	6.5	
min	0.0	0.0	0.5	0.5	1.0	2.1	2.7	2.9	3.2	3.5	3.2	2.4	1.3	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	
max	14.6	15.4	20.8	16.7	17.0	15.7	14.2	15.0	15.4	18.3	17.2	15.0	13.7	14.1	16.1	12.7	12.4	12.8	15.6	15.1	14.6	14.6	14.5	13.5	14.2	681

Saroad Table - Hourly PM2.5 Data
July 2024

Location West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
7/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/31/2024	--	--	--	--	--	--	--	--	--	--	--	--	10.3	10.7	--	--	--	--	--	--	--	--	--	--	10.5	2
avg	--	--	--	--	--	--	--	--	--	--	--	--	10.3	10.7	--	--	--	--	--	--	--	--	--	--	10.5	
min	--	--	--	--	--	--	--	--	--	--	--	--	10.3	10.7	--	--	--	--	--	--	--	--	--	--	10.5	
max	--	--	--	--	--	--	--	--	--	--	--	--	10.3	10.7	--	--	--	--	--	--	--	--	--	--	10.5	2

Saroad Table - Hourly PM2.5 Data
July 2024

Location Brickyard **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
7/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/8/2024	--	--	--	--	--	--	--	--	--	--	7.4	8.2	8.8	--	--	--	--	--	--	--	--	--	--	--	8.1	3
7/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/31/2024	--	--	--	--	--	--	--	--	--	--	10.1	10.4	10.0	11.4	--	--	--	--	--	--	--	--	--	--	10.5	4
avg	--	--	--	--	--	--	--	--	--	--	8.8	9.3	9.4	--	--	--	--	--	--	--	--	--	--	--	9.3	
min	--	--	--	--	--	--	--	--	--	--	7.4	8.2	8.8	--	--	--	--	--	--	--	--	--	--	--	8.1	
max	--	--	--	--	--	--	--	--	--	--	10.1	10.4	10.0	--	--	--	--	--	--	--	--	--	--	--	10.5	7

Saroad Table - Hourly PM2.5 Data
July 2024

Location Ocean Terminal **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
7/1/2024	4.6	2.8	1.9	1.4	3.0	4.4	7.1	7.9	10.3	12.4	14.1	17.3	14.7	6.7	4.9	2.4	4.5	4.6	3.4	2.5	1.9	2.2	2.8	2.3	5.8	24
7/2/2024	1.7	1.4	1.7	1.4	0.7	1.1	2.1	3.3	3.1	3.6	4.4	3.5	3.5	3.4	3.0	1.7	1.8	1.7	1.6	1.8	1.5	1.7	2.1	0.7	2.2	24
7/3/2024	0.5	1.1	2.2	4.4	3.2	3.6	3.9	4.4	2.8	2.9	2.9	2.8	1.7	1.8	2.4	2.0	2.1	2.1	2.1	2.5	2.8	3.6	3.6	2.3	2.6	24
7/4/2024	5.7	3.6	4.4	5.5	6.0	5.5	4.6	4.9	3.2	2.8	3.3	4.1	4.3	4.3	4.7	4.5	4.8	4.2	3.4	3.6	15.2	23.3	14.3	5.9	6.1	24
7/5/2024	5.4	3.8	4.1	4.3	4.8	5.5	6.0	4.9	7.9	7.4	7.1	7.7	8.1	7.4	6.9	6.5	5.8	5.3	5.1	5.8	6.3	7.6	7.7	7.5	6.2	24
7/6/2024	7.6	7.8	8.0	7.8	7.9	9.0	9.5	8.9	9.2	9.3	8.7	9.5	10.2	8.7	7.2	7.9	7.6	6.6	6.1	6.1	6.3	5.4	4.4	6.5	7.8	24
7/7/2024	8.8	7.2	5.7	5.2	5.7	6.9	7.2	4.7	3.4	3.7	3.6	3.3	3.6	3.2	3.3	3.4	3.2	3.2	3.2	2.9	3.1	3.1	2.8	2.7	4.3	24
7/8/2024	2.8	3.1	2.8	3.2	4.1	3.1	3.5	4.1	5.5	6.9	9.5	8.8	8.6	6.3	1.9	0.6	1.7	3.6	3.2	2.5	3.7	5.0	7.6	7.4	4.6	24
7/9/2024	6.3	6.8	6.8	7.8	7.3	8.0	8.9	8.5	8.1	6.5	6.0	6.4	6.9	6.8	7.2	7.0	6.8	6.8	6.3	3.7	4.3	5.1	5.4	5.6	6.6	24
7/10/2024	5.8	5.0	4.4	4.0	4.1	3.9	4.4	4.3	4.6	5.6	6.7	6.4	6.4	6.6	7.2	6.8	6.8	6.6	6.3	6.1	5.7	5.4	5.2	5.2	5.6	24
7/11/2024	5.3	5.9	5.6	4.8	4.7	5.7	6.1	6.9	6.1	5.4	5.8	5.0	4.9	4.9	5.6	5.7	5.8	5.5	5.1	4.9	5.1	7.4	8.7	9.2	5.8	24
7/12/2024	9.1	9.0	9.7	12.7	15.1	13.8	12.9	12.8	15.0	14.9	14.0	12.7	13.0	11.3	13.5	10.5	10.8	11.0	10.9	11.7	11.6	11.5	10.5	7.4	11.9	24
7/13/2024	7.6	7.2	8.5	10.3	12.1	15.0	15.0	13.4	17.4	16.1	12.2	12.0	10.9	13.1	9.5	9.4	8.7	9.5	12.4	10.5	11.3	12.5	13.3	14.0	11.7	24
7/14/2024	14.0	13.7	11.7	11.2	11.8	12.4	13.9	15.6	17.0	17.4	16.5	15.0	14.3	14.0	46.4		11.9	15.0	16.3	15.1	14.8	13.7	10.6	11.3	15.4	23
7/15/2024	12.1	12.3	11.8	11.0	11.5	12.5	13.5	12.2	14.2	16.8	17.1	18.2	16.6	14.1	22.2	5.1	5.5	8.3	10.7	9.4	8.1	6.6	5.8	5.1	--	24
7/16/2024	5.3	5.3	5.4	5.8	5.6	5.6	6.4	8.4	10.2	10.5	10.6	9.8	11.0	11.4	10.1	5.8	5.6	5.4	5.5	5.0	4.8	5.0	5.3	5.6	--	24
7/17/2024	5.9	5.7	5.4	6.4	7.3	7.7	8.7	9.5	10.3	10.2	9.5	9.5	9.8	9.6	9.3	8.2	6.7	5.5	5.2	4.5	5.0	4.7	4.9	5.0	--	24
7/18/2024	4.8	4.6	5.0	5.4	5.5	5.2	6.9	7.0	6.0	5.7	5.8	5.8	5.8	5.4	2.9	1.0	1.5	2.3	2.7	2.1	1.5	1.5	2.2	2.4	--	24
7/19/2024	3.1	3.1	3.0	3.7	4.2	4.4	5.6	5.1	4.0	3.6	3.7	3.7	3.6	3.7	4.0	4.3	1.7	1.6	1.2	1.0	0.9	0.5	0.7	1.1	--	24
7/20/2024	1.3	1.9	2.3	2.5	2.6	2.7	3.2	4.2	3.4	3.6	4.3	5.1	5.7	5.8	4.9	4.3	3.6	1.5	2.1	1.8	0.7	0.9	0.5	0.6	--	24
7/21/2024	0.8	0.6	1.2	1.0	1.0	1.9	2.7	4.7	8.7	7.9	13.9	22.6	22.4	21.7	11.2	4.7	3.2	2.8	3.2	3.5	4.0	4.7	5.1	4.7	--	24
7/22/2024	4.7	4.5	4.5	5.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
7/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/31/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	5.6	5.3	5.3	5.7	6.1	6.6	7.2	7.4	8.1	8.2	8.6	9.0	8.9	8.1	9.0	5.1	5.2	5.4	5.5	5.1	5.6	6.3	5.9	5.4	6.9	
min	0.5	0.6	1.2	1.0	0.7	1.1	2.1	3.3	2.8	2.8	2.9	2.8	1.7	1.8	1.9	0.6	1.5	1.5	1.2	1.0	0.7	0.5	0.5	0.6	2.2	
max	14.0	13.7	11.8	12.7	15.1	15.0	15.0	15.6	17.4	17.4	17.1	22.6	22.4	21.7	46.4	10.5	11.9	15.0	16.3	15.1	15.2	23.3	14.3	14.0	15.4	507

Saroad Table - Hourly PM2.5 Data
July 2024

Location Cockspur Island **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
7/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	6.5	6.3	5.5	4.6	--	--	--	--	--	--	--	--	5.7	4
7/6/2024	--	--	--	--	--	--	--	--	--	--	--	--			7.1	7.6	--	--	--	--	--	--	--	--	7.4	2
7/7/2024	--	--	--	--	--	--	--	--	--	--	--						--	--	--	--	--	--	--	--	--	0
7/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	5.2	4.8		--	--	--	--	--	--	--	--	--	5.0	2
7/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/10/2024	--	--	--	--	--	--	--	--	--	--	--	7.3	--	--	--	--	--	--	--	--	--	--	--	--	7.3	1
7/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	19.8	20.0	--	--	--	--	--	--	--	--	--	19.9	2
7/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/29/2024	--	--	--	--	--	--	--	--	--	--	6.8	7.0	7.1	7.2	8.0	9.0	10.1	10.2	9.5	9.4	9.2	8.3	5.9	6.3	8.1	14
7/30/2024	3.6	3.3	5.1	6.0	4.0	3.3	4.2	4.9	4.7	4.8	5.5	6.3	7.0	7.6	7.1	5.6	5.4	6.1	5.2	4.9	4.6	5.5	4.8	4.9	5.2	24
7/31/2024	6.2	6.6	6.5	6.4	6.4	6.5	6.7	7.7	8.7	8.5	8.6	10.0	11.0	10.8	10.8	9.5	5.9	2.9	2.6	5.3	5.9	6.6	5.8	5.3	7.1	24
avg	4.9	4.9	5.8	6.2	5.2	4.9	5.5	6.3	6.7	6.6	7.0	7.6	7.4	9.4	9.8	7.2	7.1	6.4	5.8	6.5	6.6	6.8	5.5	5.5	8.2	
min	3.6	3.3	5.1	6.0	4.0	3.3	4.2	4.9	4.7	4.8	5.5	6.3	5.2	4.8	5.5	4.6	5.4	2.9	2.6	4.9	4.6	5.5	4.8	4.9	5.0	
max	6.2	6.6	6.5	6.4	6.4	6.5	6.7	7.7	8.7	8.5	8.6	10.0	11.0	19.8	20.0	9.5	10.1	10.2	9.5	9.4	9.2	8.3	5.9	6.3	19.9	73

Replaced with a new unit on 7/29/24

Saroad Table - Hourly PM2.5 Data
July 2024

Location Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
7/1/2024	4.6	2.7	1.3	1.3	3.5	4.6	6.5	7.3	8.5	11.4	16.8	15.0	11.9	6.8	5.2	2.5	3.5	3.8	4.0	2.7	2.6	5.4	5.7	3.4	5.9	24
7/2/2024	2.2	2.6	3.2	2.2	1.9	2.0	3.1	4.3	4.1	4.6	4.5	4.1	4.4	4.2	3.3	2.6	2.0	2.2	2.3	2.4	2.3	2.3	2.5	1.7	2.9	24
7/3/2024	1.1	1.4	2.7	5.3	5.8	6.2	9.5	4.5	3.6	3.1	3.0	2.6	1.9	2.1	2.3	2.7	2.7	2.7	2.5	2.3	2.7	3.7	3.8	3.2	3.4	24
7/4/2024	6.2	4.7	6.2	7.9	41.0	13.8	8.5	3.9	3.7	5.5	11.8	5.0	5.0	5.0	5.9	5.9	5.2	4.9	3.9	3.3	6.9	13.8	12.3	8.2	8.3	24
7/5/2024	5.1	4.1	4.2	4.5	4.8	5.2	6.9	4.6	7.7	7.4	6.8	7.0	7.8	7.1	6.7	6.6	6.1	5.2	5.3	5.7	5.7	6.5	7.2	7.2	6.1	24
7/6/2024	7.3	7.6	7.8	8.0	7.9	8.1	8.5	8.1	8.3	8.6	8.2	8.4	9.2	8.4	7.1	7.6	7.4	6.9	6.1	6.0	6.7	6.6	5.5	6.0	7.5	24
7/7/2024	8.6	8.2	6.0	5.2	5.4	6.6	7.1	5.1	3.6	3.9	4.0	4.0	4.0	3.8	3.6	3.8	3.5	3.6	3.2	3.2	3.0	3.3	2.9	2.8	4.5	24
7/8/2024	2.8	2.9	3.0	2.9	3.6	3.3	3.2	3.9	5.1	6.5	7.3	7.7	9.0	7.5	3.4	1.1	1.9	3.3	2.9	2.5	3.6	5.0	7.3	7.5	4.5	24
7/9/2024	6.8	6.3	6.6	6.9	7.0	8.3	8.5	8.7	7.0	5.9	5.5	5.7	6.1	5.9	6.2	6.0	5.8	6.6	6.1	4.4	4.4	5.5	5.3	5.7	6.3	24
7/10/2024	5.8	5.2	4.7	4.5	4.4	4.3	4.2	4.2	4.7	5.7	6.4	6.2	5.9	5.9	6.0	6.1	5.8	5.8	5.9	5.8	5.5	5.0	4.6	5.0	5.3	24
7/11/2024	5.2	5.5	5.2	4.6	4.5	6.1	6.3	5.4	6.6	6.9	6.6	6.8	5.5	4.6	4.9	5.5	4.9	4.9	5.0	5.0	6.7	7.4	7.0	7.8	5.8	24
7/12/2024	9.4	12.8	16.5	18.2	19.1	15.4	16.7	13.3	14.2	13.9	13.9	10.9	12.9	11.0	12.5	10.6	10.1	10.1	10.1	11.1	10.6	11.7	12.5	12.9	12.9	24
7/13/2024	10.8	11.0	9.8	9.8	13.7	14.8	14.0	12.1	11.3	16.0	12.6	11.9	9.8	9.4	8.8	9.6	8.3	8.9	10.9	11.7	10.5	11.1	12.4	13.2	11.3	24
7/14/2024	14.2	20.0	13.9	13.2	13.5	13.6	13.6	14.4	15.2	15.1	14.2	12.1	12.5	12.1	11.9	13.0	10.5	12.4	15.6	14.5	13.7	13.8	10.7	10.9	13.5	24
7/15/2024	11.7	11.8	11.4	10.4	10.9	11.8	12.0	11.8	12.8	14.2	15.3	15.9	15.1	13.8	16.8	5.5	5.2	9.6	10.8	9.9	8.3	7.4	5.6	5.0	11.0	24
7/16/2024	5.3	5.2	5.0	5.5	5.6	5.2	5.6	7.4	9.1	10.4	10.1	8.6	9.0	10.2	10.5	6.2	5.7	5.3	5.9	4.8	4.4	4.6	4.9	5.3	6.7	24
7/17/2024	5.8	5.6	5.5	6.1	6.7	7.2	8.2	8.6	9.0	8.5	8.2	8.8	8.7	8.5	9.0	7.8	6.4	5.0	5.3	5.2	5.3	4.8	4.5	4.6	6.8	24
7/18/2024	4.7	4.2	4.5	5.8	5.6	5.1	5.7	5.5	5.4	5.2	5.3	5.3	5.1	4.7	3.2	1.4	1.2	1.3	1.6	1.8	1.6	1.6	2.1	2.8	3.8	24
7/19/2024	2.7	2.8	2.8	3.2	4.5	5.3	5.2	4.3	3.5	3.3	3.7	3.3	3.4	3.5	3.9	4.3	2.0	2.7	1.6	1.2	1.2	1.0	1.0	1.2	3.0	24
7/20/2024	1.5	2.1	2.0	2.6	2.7	2.8	3.2	3.0	3.0	3.4	4.0	6.8	5.4	5.2	6.5	4.8	3.9	3.1	3.0	2.3	0.9	1.3	0.9	0.8	3.1	24
7/21/2024	1.0	1.0	1.3	1.1	1.3	2.2	2.7	3.5	4.7	4.9	7.9	16.3	15.8	18.6	14.5	5.7	3.6	3.1	3.3	3.3	4.1	4.5	4.7	4.6	5.6	24
7/22/2024	4.6	4.5	4.5	4.9	5.3	5.8	5.4	5.1	4.8	5.6	6.0	5.8	5.6	5.1	4.1	3.2	0.9	1.2	1.2	4.1	3.1	2.9	2.9	3.1	4.1	24
7/23/2024	3.0	3.2	3.6	3.6	3.7	4.4	5.7	10.7	8.7	8.6	7.7	6.9	6.7	6.5	5.1	4.2	3.5	2.8	2.2	1.8	1.8	1.9	2.5	2.6	4.6	24
7/24/2024	2.7	2.5	2.7	2.9	3.4	4.3	4.9	4.7	4.9	5.9	6.4	5.6	5.0	4.1	3.9	4.4	4.0	4.1	4.1	4.6	3.8	3.3	3.3	2.8	4.1	24
7/25/2024	2.7	1.5	1.9	1.9	2.1	2.7	2.6	3.7	3.8	4.8	5.5	6.0	5.7	6.2	6.3	4.7	6.4	3.3	1.5	1.6	1.8	2.0	2.4	2.4	3.5	24
7/26/2024	3.1	3.6	3.3	4.1	4.2	4.1	4.9	5.7	7.8	8.6	9.6	8.1	7.5	7.4	6.7	5.9	4.8	3.6	1.8	1.2	1.3	1.9	2.6	4.2	4.8	24
7/27/2024	4.1	4.4	4.0	5.0	5.0	7.7	4.5	5.4	6.3	6.4	6.9	7.4	7.6	7.4	7.6	7.7	5.9	5.1	6.6	8.6	9.5	8.7	9.1	9.2	6.7	24
7/28/2024	9.7	10.2	11.3	11.0	12.2	13.5	12.6	12.0	11.9	12.1	12.7	12.4	12.5	12.6	12.9	12.6	12.8	11.7	10.9	10.0	9.9	10.4	10.5	10.1	11.6	24
7/29/2024	9.3	9.0	8.4	8.9	8.9	9.4	10.3	9.2	8.8	8.5	8.9	10.1	10.9	10.2	10.4	9.3	11.3	10.9	11.4	11.7	10.3	5.6	3.4	3.9	9.1	24
7/30/2024	3.1	4.0	6.3	5.1	4.1	3.7	4.2	4.1	3.9	4.4	5.7	5.9	6.4	6.7	7.0	7.7	7.8	6.9	6.3	5.8	5.2	5.3	5.6	6.7	5.5	24
7/31/2024	8.2	8.1	7.6	7.5	7.8	7.9	8.2	8.8	9.1	10.1	9.4	9.6	9.2	9.7	10.0	8.5	6.0	6.2	7.7	6.6	6.7	7.0	6.5	5.5	8.0	24
avg	5.6	5.8	5.7	5.9	7.4	6.9	7.2	6.9	7.1	7.7	8.2	8.1	7.9	7.6	7.3	6.0	5.5	5.4	5.4	5.3	5.3	5.7	5.6	5.5	6.5	
min	1.0	1.0	1.3	1.1	1.3	2.0	2.6	3.0	3.0	3.1	3.0	2.6	1.9	2.1	2.3	1.1	0.9	1.2	1.2	1.2	0.9	1.0	0.9	0.8	2.9	
max	14.2	20.0	16.5	18.2	41.0	15.4	16.7	14.4	15.2	16.0	16.8	16.3	15.8	18.6	16.8	13.0	12.8	12.4	15.6	14.5	13.7	13.8	12.5	13.2	13.5	744

Saroad Table - Hourly PM2.5 Data
July 2024

Location Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
7/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/16/2024	--	--	--	--	--	--	--	--	--	--	0.32	0.21	0.25	0.25	0.21	0.27	0.21	0.21	0.23	0.24	0.24	0.30	0.33	0.31	0.26	14
7/17/2024	0.38	0.47	0.49	0.55	0.56	0.74	0.92	0.55	0.32	0.27	0.31	0.27	0.28	0.26	0.33	0.40	0.29	0.33	0.32	0.43	0.44	0.33	0.39	0.31	0.42	24
7/18/2024	0.42	0.29	0.22	0.28	0.38	0.76	0.70	0.74	0.52	0.29	0.22	0.17	0.20	0.30	0.27	0.37	0.19	0.09	0.14	0.18	0.22	0.20	0.25	0.27	0.32	24
7/19/2024	0.40	0.44	0.42	0.67	0.44	0.47	0.85	0.54	0.41	0.24	0.21	0.19	0.13	0.14	0.22	0.42	0.46	0.80	0.30	0.21	0.36	0.60	--	--	0.41	22
7/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	0.25	0.26	0.26	0.32	0.35	0.48	0.51	0.61	0.26	0.17	0.20	0.33	11
7/30/2024	0.20	0.24	0.27	0.24	0.17	0.22	0.39	0.41	0.40	0.29	0.31	0.28	0.28	0.22	0.25	0.28	0.24	0.27	1.10	0.83	0.80	0.62	0.29	0.43	0.38	24
7/31/2024	0.46	0.43	0.36	0.34	0.37	0.53	0.59	0.66	0.50	0.33	0.48	0.68	0.38	0.37	0.37	0.29	0.40	0.28	0.37	0.32	0.39	0.37	0.25	0.25	0.41	24
avg	0.37	0.38	0.35	0.42	0.38	0.54	0.69	0.58	0.43	0.29	0.31	0.30	0.26	0.26	0.27	0.33	0.30	0.33	0.42	0.39	0.44	0.38	0.28	0.29	0.36	
min	0.20	0.24	0.22	0.24	0.17	0.22	0.39	0.41	0.32	0.24	0.21	0.17	0.13	0.14	0.21	0.26	0.19	0.09	0.14	0.18	0.22	0.20	0.17	0.20	0.26	
max	0.46	0.47	0.49	0.67	0.56	0.76	0.92	0.74	0.52	0.33	0.48	0.68	0.38	0.37	0.37	0.42	0.46	0.80	1.10	0.83	0.80	0.62	0.39	0.43	0.42	143

Saroad Table - Hourly PM2.5 Data
July 2024

Location Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
7/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/29/2024	--	--	--	--	--	--	--	0.14	0.17	0.14	0.14	0.16	0.18	0.20	0.22	0.21	0.22	0.21	0.25	0.22	0.18	0.09	0.08	0.13	0.17	17
7/30/2024	0.16	0.12	0.13	0.16	0.14	0.12	0.21	0.39	0.42	0.39	0.33	0.20	0.16	0.18	0.17	0.15	0.15	0.14	0.19	0.20	0.20	0.22	0.19	0.20	0.20	24
7/31/2024	0.19	0.20	0.21	0.22	0.23	0.23	0.25	0.30	0.43	0.70	0.65	0.50	0.34	0.14	0.05	0.07	0.15	0.19	0.44	0.23	0.25	0.14	0.16	0.15	0.27	24
avg	0.17	0.16	0.17	0.19	0.18	0.17	0.23	0.27	0.34	0.41	0.38	0.29	0.23	0.17	0.15	0.14	0.17	0.18	0.29	0.21	0.21	0.15	0.14	0.16	0.21	
min	0.16	0.12	0.13	0.16	0.14	0.12	0.21	0.14	0.17	0.14	0.14	0.16	0.16	0.14	0.05	0.07	0.15	0.14	0.19	0.20	0.18	0.09	0.08	0.13	0.17	
max	0.19	0.20	0.21	0.22	0.23	0.23	0.25	0.39	0.43	0.70	0.65	0.50	0.34	0.20	0.22	0.21	0.22	0.21	0.44	0.23	0.25	0.22	0.19	0.20	0.27	65

Saroad Table - Hourly PM2.5 Data
July 2024

Location Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
7/1/2024	0.17	0.19	0.46	0.49	0.26	0.35	1.35	1.56	1.72	1.08	0.77	0.97	1.45	0.42	0.39	0.41	0.57	0.25	0.14	0.15	0.18	0.09	0.28	0.09	0.57	24
7/2/2024	0.51	0.14	0.13	0.16	0.28	0.25	0.21	0.23	0.15	0.32	0.28	0.22	0.43	0.23	0.75	0.28	0.27	0.19	0.29	0.52	0.19	0.19	0.23	0.12	0.27	24
7/3/2024	0.08	0.10	0.36	0.60	0.26	0.26	0.22	0.26	0.25	0.16	0.16	0.41	0.60	0.25	1.77	0.17	0.18	0.30	0.41	0.74	0.74	0.35	1.07	0.20	0.41	24
7/4/2024	0.87	0.64	0.44	0.61	0.59	0.64	0.20	0.13	0.10	0.10	0.17	0.18	0.42	0.21	0.26	0.14	0.43	0.16	0.13	0.10	0.18	0.22	0.20	0.10	0.30	24
7/5/2024	0.09	0.09	0.19	0.16	0.24	0.37	0.71	0.33	0.32	0.21	0.21	0.32	0.26	0.24	0.25	0.23	0.60	0.16	0.22	0.22	0.24	0.30	0.20	0.22	0.27	24
7/6/2024	0.21	0.25	0.39	0.24	0.21	0.25	0.24	0.26	0.35	0.32	0.25	0.27	0.40	0.30	0.33	0.26	0.26	0.29	0.24	0.25	0.24	0.24	0.17	0.44	0.28	24
7/7/2024	0.24	0.29	0.22	0.14	0.78	0.56	0.24	0.39	0.08	0.07	0.07	0.13	0.59	0.15	1.00	0.09	0.13	0.29	0.29	0.10	0.13	0.09	0.08	0.06	0.26	24
7/8/2024	0.06	0.06	0.17	0.61	0.77	0.14	0.42	0.75	1.02	0.57	0.78	0.69	0.83	0.44	0.87	0.18	0.30	0.31	0.12	0.14	0.34	0.71	0.31	0.26	0.45	24
7/9/2024	0.24	0.41	0.46	0.64	0.49	0.39	0.50	0.62	0.59	0.36	0.33	0.32	0.35	0.27	0.26	0.24	0.26	0.29	0.25	0.22	0.25	0.24	0.34	0.37	0.36	24
7/10/2024	0.33	0.28	0.32	0.30	0.39	0.48	1.41	1.18	0.48	0.50	0.73	0.35	0.60	0.74	1.01	0.97	0.39	0.36	0.23	0.33	0.37	0.37	0.44	0.47	0.54	24
7/11/2024	0.42	0.41	0.40	0.47	0.62	1.28	1.14	1.79	0.82	0.47	0.67	0.30	0.42	0.22	0.53	0.58	1.96	1.46	0.80	0.59	1.20	1.00	1.12	0.97	0.82	24
7/12/2024	0.50	0.83	1.18	0.59	0.87	0.98	0.71	0.68	0.55	1.63	1.14	0.64	1.49	1.87	1.50	0.37	0.70	0.53	0.93	0.65	0.48	0.47	0.42	0.38	0.84	24
7/13/2024	0.81	0.96	0.69	0.70	1.11	3.62	1.94	1.52	1.87	1.65	0.62	1.36	0.86	0.96	0.69	0.50	0.60	0.77	1.47	0.48	0.84	0.49	0.44	0.45	1.06	24
7/14/2024	0.45	0.44	0.37	0.40	0.64	0.72	0.57	0.52	0.60	0.64	0.69	0.62	0.46	0.42	2.61	2.24	0.32	0.36	0.39	0.39	0.38	0.36	0.31	0.35	0.64	24
7/15/2024	0.43	0.42	0.40	0.36	0.45	0.68	3.28	1.62	2.05	1.12	1.08	1.31	0.88	0.80	1.57	0.62	0.87	1.14	1.06	0.49	0.64	0.42	0.47	0.38	0.94	24
7/16/2024	0.33	0.38	0.25	0.24	0.34	0.67	2.81	2.16	1.54	1.25	1.22	1.30	1.85	1.00	0.55	0.39	0.24	0.17	0.18	0.19	0.20	0.26	0.31	0.29	0.76	24
7/17/2024	0.36	0.41	0.48	0.58	0.93	1.13	2.13	2.06	3.74	3.99	2.87	1.34	1.16	1.09	0.64	0.44	0.35	0.33	0.32	0.33	0.35	0.27	0.19	0.19	1.07	24
7/18/2024	0.18	0.23	0.34	0.61	0.56	0.85	2.04	1.72	1.28	1.57	1.31	1.09	0.64	0.80	0.62	0.37	0.23	0.07	0.11	0.12	0.08	0.14	0.16	0.20	0.64	24
7/19/2024	0.28	0.18	0.16	0.30	0.28	0.61	1.86	2.34	1.69	1.39	0.83	0.48	0.60	0.26	0.55	0.30	0.68	1.02	0.28	0.16	0.14	0.19	0.10	0.06	0.61	24
7/20/2024	0.15	0.23	0.22	0.28	0.35	0.36	0.33	0.41	0.33	0.23	0.21	0.24	0.27	0.25	0.66	0.31	0.32	0.48	0.90	0.61	0.69	0.29	0.13	0.12	0.35	24
7/21/2024	0.12	0.14	0.27	0.46	0.31	0.31	0.10	0.21	0.48	0.24	0.54	0.62	0.88	0.43	0.50	0.20	0.19	0.16	0.13	0.12	0.20	0.44	0.48	0.24	0.32	24
7/22/2024	0.23	0.22	0.27	0.27	0.30	0.67	0.94	0.47	0.48	0.48	0.32	0.36	0.44	0.45	1.30	0.28	0.59	0.28	0.30	0.82	1.02	0.93	0.79	0.83	0.54	24
7/23/2024	0.76	0.73	0.83	0.79	0.68	1.10	1.76	1.85	1.19	1.03	0.74	0.45	0.37	--	--	--	--	--	--	--	--	--	--	--	0.95	13
7/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
7/29/2024	--	--	--	--	--	--	--	--	--	--	--	0.48	0.56	0.62	0.63	0.44	0.36	0.34	0.46	0.46	0.67	0.35	0.32	0.43	0.47	13
7/30/2024	0.19	0.26	0.29	0.28	0.40	0.55	4.17	2.91	1.04	0.82	1.16	0.73	0.58	0.89	1.14	0.43	0.39	0.34	0.32	0.29	0.24	0.24	0.30	0.39	0.76	24
7/31/2024	0.46	0.52	0.34	0.38	0.55	1.54	2.91	3.11	1.63	1.50	0.87	1.03	1.15	0.87	1.31	0.57	--	--	--	--	--	--	--	--	1.17	16
avg	0.34	0.35	0.39	0.43	0.51	0.75	1.29	1.16	0.97	0.87	0.72	0.62	0.71	0.57	0.87	0.44	0.47	0.42	0.42	0.35	0.42	0.36	0.37	0.32	0.60	
min	0.06	0.06	0.13	0.14	0.21	0.14	0.10	0.13	0.08	0.07	0.07	0.13	0.26	0.15	0.25	0.09	0.13	0.07	0.11	0.10	0.08	0.09	0.08	0.06	0.26	
max	0.87	0.96	1.18	0.79	1.11	3.62	4.17	3.11	3.74	3.99	2.87	1.36	1.85	1.87	2.61	2.24	1.96	1.46	1.47	0.82	1.20	1.00	1.12	0.97	1.17	594

Saroad Table - Hourly PM2.5 Data
August 2024

Location Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
8/1/2024	4.7	5.1	5.3	4.7	3.8	4.3	4.9	5.3	6.4	6.1	6.6	7.4	8.2	8.8	9.4	9.7	9.8	10.0	9.5	7.4	6.7	6.5	7.5	8.6	6.9	24
8/2/2024	9.8	11.5	11.8	10.9	10.7	11.2	11.1	11.4	13.0	12.2	12.5	11.1	8.1	6.0	5.8	5.9	6.1	5.4	5.0	5.6	4.9	4.9	5.5	6.0	8.6	24
8/3/2024	5.7	5.9	6.2	6.0	6.1	5.4	5.3	5.0	4.7	5.2	5.6	5.4	5.2	5.2	4.2	3.7	3.5	3.5	3.7	3.6	2.0	1.3	1.2	1.7	4.4	24
8/4/2024	1.7	2.2	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.0	3
8/5/2024	--	--	--	--	--	--	--	--	--	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	3.9	2.2	1.4	2.2	0.7	15
8/6/2024	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.2	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	24
8/7/2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	1.4	1.9	2.5	2.0	2.1	0.8	1.0	1.0	0.9	0.4	1.0	0.9	1.2	1.6	0.8	24
8/8/2024	1.8	2.0	2.1	2.3	2.3	2.3	2.4	2.8	3.1	3.2	2.9	3.1	3.3	3.7	4.0	5.3	5.9	7.5	8.1	9.1	15.1	19.9	20.1	20.5	6.4	24
8/9/2024	17.1	16.1	16.7	18.2	19.8	21.3	22.4	23.6	24.7	24.2	20.7	18.4	17.6	18.5	19.5	18.7	17.7	17.7	15.4	13.9	14.8	15.5	16.2	15.7	18.5	24
8/10/2024	16.7	17.0	16.5	15.8	15.2	14.5	14.5	16.0	14.6	14.9	15.1	15.9	14.6	13.9	12.7	13.2	13.3	12.7	11.3	10.8	8.9	8.3	7.8	7.7	13.4	24
8/11/2024	7.7	9.3	11.6	13.3	13.6	14.0	14.4	14.8	15.0	15.6	15.9	16.0	16.0	15.5	14.5	7.6	7.6	6.4	6.8	9.0	9.2	9.1	6.9	6.6	11.5	24
8/12/2024	6.6	6.8	6.9	7.4	7.7	8.4	8.9	10.2	13.6	18.0	16.0	15.6	--	--	--	--	--	--	--	--	--	--	--	--	10.5	12
8/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	11.8	11.2	10.7	10.8	11.1	9.8	9.6	9.4	7.2	7.7	7.2	9.7	11
8/14/2024	6.2	7.0	9.0	10.1	9.7	10.5	10.9	10.3	9.9	9.5	9.4	9.3	9.5	9.1	7.7	6.2	5.7	6.7	6.7	5.6	4.7	5.0	5.1	5.1	7.9	24
8/15/2024	5.3	5.6	7.0	6.5	6.8	7.0	8.1	8.3	7.3	6.4	6.3	7.1	7.5	7.8	7.6	7.5	7.8	7.9	8.2	8.3	7.5	7.6	7.6	8.1	7.3	24
8/16/2024	8.8	9.0	9.2	9.8	10.2	10.2	11.3	10.8	10.6	12.3	13.7	13.5	13.5	13.8	14.1	14.8	14.0	13.9	14.2	14.7	15.7	15.8	16.5	16.7	12.8	24
8/17/2024	16.4	16.4	17.1	17.7	17.1	17.4	18.6	22.5	21.0	18.3	17.3	15.3	15.2	14.8	14.7	15.9	15.4	16.0	16.3	16.3	16.1	16.8	16.6	17.0	16.9	24
8/18/2024	19.1	18.9	18.7	18.6	19.1	18.9	18.9	19.7	17.8	15.0	13.0	11.4	10.3	10.4	10.5	10.4	10.7	11.4	12.9	14.0	15.3	6.8	6.0		14.3	23
8/19/2024	4.4	4.7	4.8	4.5	4.2	3.9	3.3	3.7	5.2	8.4	6.6	8.6	7.1	8.0	8.3	8.8	9.0	8.9	8.7	7.3	6.0	4.4	3.7	4.0	6.1	24
8/20/2024	5.4	6.4	7.6	7.7	7.8	8.1	8.5	11.4	11.9	11.3	10.2	8.4	7.4	7.5	8.2	10.7	10.7	10.2	11.8	8.0	3.2	4.1	2.4	3.8	8.0	24
8/21/2024	6.8	6.4	6.3	6.8	7.1	6.4	5.5	5.2	5.9	6.1	6.3	6.9	6.9	6.5	6.1	6.0	5.8	5.3	5.1	6.3	6.3	6.9	7.1	7.4	6.3	24
8/22/2024	7.6	8.0	7.9	8.1	7.7	7.7	8.3	8.5	8.1	7.4	7.1	7.0	7.5	9.1	9.7	9.6	9.3	7.8	5.3	4.5	4.5	4.9	5.4	4.9	7.3	24
8/23/2024	4.6	4.5	4.3	4.9	5.0	5.1	5.2	5.7	5.7	5.7	5.5	5.6	5.5	5.4	5.6	5.9	5.1	6.4	7.0	7.7	6.9	6.7	6.8	7.1	5.7	24
8/24/2024	6.9	7.1	7.1	7.1	7.4	7.2	7.4	7.0	6.7	6.3	5.7	5.8	5.6	5.3	4.7	4.0	4.6	5.3	5.2	6.0	6.4	6.3	6.3	6.6	6.2	24
8/25/2024	6.8	7.6	8.1	8.3	8.7	9.7	9.9	8.2	7.3	5.8	7.3	6.4	4.8	5.5	6.6	7.2	7.0	6.7	4.0	1.5	1.3	1.0	1.2	1.4	5.9	24
8/26/2024	1.4	2.6	2.2	2.2	2.4	3.6	4.5	3.2	2.7	3.5	4.7	5.3	4.9	3.9	3.9	3.5	4.4	2.3	2.0	2.0	2.1	2.5	3.0	2.6	3.1	24
8/27/2024	2.2	1.9	2.2	3.0	3.5	4.1	4.2	4.4	7.1	6.3	4.2	4.9	3.3	3.3	3.4	3.9	3.7	2.8	2.5	1.8	1.6	1.7	1.4	1.3	3.3	24
8/28/2024	1.2	1.3	1.3	1.7	1.7	2.3	5.1	4.5	1.7	2.6	2.7	3.8	3.9	4.5	5.8	5.2	4.4	3.1	2.4	2.4	1.5	1.5	1.5	1.7	2.8	24
8/29/2024	1.7	2.2	3.4	2.6	2.3	2.3	3.0	3.7	2.9	3.4	3.4	3.5	3.8	3.6	2.8	3.0	2.5	2.2	1.9	1.7	1.7	1.7	1.6	1.4	2.6	24
8/30/2024	1.5	1.8	1.9	1.8	2.1	2.3	2.7	4.2	2.4	2.5	3.3	4.3	4.0	4.0	4.2	4.0	3.7	3.1	3.1	3.3	2.9	2.9	3.0	3.2	3.0	24
8/31/2024	3.3	3.4	3.2	3.2	3.4	3.6	4.3	6.2	5.4	3.7	4.6	4.9	5.1	4.5	3.9	4.2	3.6	3.2	3.2	2.8	3.9	3.5	3.8	3.1	3.9	24
avg	6.3	6.6	6.9	7.3	7.3	7.6	8.0	8.5	8.4	8.1	7.9	7.8	7.2	7.3	7.3	7.1	7.0	6.8	6.6	6.3	6.3	6.1	6.0	6.2	7.0	
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
max	19.1	18.9	18.7	18.6	19.8	21.3	22.4	23.6	24.7	24.2	20.7	18.4	17.6	18.5	19.5	18.7	17.7	17.7	16.3	16.3	16.1	19.9	20.1	20.5	18.5	688

Saroad Table - Hourly PM2.5 Data
August 2024

Location Carver Village **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
8/1/2024	5.0	5.5	6.1	5.3	4.7	4.9	5.9	7.3	8.3	7.6	7.5	9.0	8.6	9.6	10.0	10.7	10.4	10.7	8.8	7.9	7.5	7.6	8.4	8.9	7.8	24
8/2/2024	10.0	10.6	11.3	12.2	12.1	11.3	12.2	12.8	13.4	13.5	13.3	12.9	8.9	7.9	7.1	7.0	7.1	6.7	6.0	6.2	5.9	6.1	6.2	7.1	9.5	24
8/3/2024	7.5	7.2	6.4	6.2	7.3	7.8	8.6	12.8	14.9	9.0	14.3	6.4	7.4	11.4	4.6	3.8	4.1	4.4	4.9	4.6	3.6	2.2	1.4	1.3	6.7	24
8/4/2024	1.9	2.0	2.0	2.2	1.0	0.5	1.1	1.8	2.5	2.7	2.1	1.7	2.0	2.4	2.2	2.5	2.3	2.4	2.5	2.5	2.5	2.0	2.0	2.2	2.0	24
8/5/2024	2.2	1.8	1.3	1.1	1.0	0.4	1.8	1.6	1.0	1.2	0.3	0.0	0.0	0.0	0.0	0.0	1.7	2.6	1.4	2.1	5.6	2.6	2.3	3.5	1.5	24
8/6/2024	1.6	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5	0.2	0.9	1.1	1.2	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.6	0.4	24
8/7/2024	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.3	1.2	1.6	2.0	2.8	2.3	2.6	1.0	1.4	1.3	1.1	0.9	1.1	1.2	1.5	2.0	1.0	24
8/8/2024	2.3	2.4	2.5	2.7	2.9	2.9	3.2	3.6	3.9	3.7	3.1	3.5	3.7	4.5	4.7	6.1	7.0	7.5	9.1	12.2	22.5	22.3	21.8	20.9	7.5	24
8/9/2024	17.9	17.5	18.7	20.2	22.3	24.1	25.3	40.4	40.3	25.6	21.6	19.8	19.5	21.6	21.9	21.0	21.4	18.7	17.0	16.5	16.7	18.1	17.5	16.3	21.7	24
8/10/2024	18.3	19.2	18.3	17.0	16.2	16.6	16.7	16.1	15.9	16.8	17.0	16.8	15.9	15.4	15.0	15.2	14.1	13.5	12.6	12.4	9.8	8.4	8.5	8.5	14.8	24
8/11/2024	8.9	11.8	14.4	15.3	15.5	16.2	16.1	16.0	16.3	16.9	17.0	16.4	16.4	16.0	15.4	8.0	8.9	7.5	7.0	10.0	8.4	7.9	7.4	7.4	12.5	24
8/12/2024	7.5	7.7	7.9	8.7	9.1	10.0	10.6	11.9	14.0	15.6	15.9	15.5	15.2	15.4	15.4	15.3	15.1	14.3	12.3	10.8	9.2	9.6	11.1	12.1	12.1	24
8/13/2024	12.3	13.2	13.8	14.6	15.5	17.3	19.8	24.2	24.0	24.4	24.2	20.6	14.1	13.7	13.0	12.0	11.7	12.1	10.7	10.9	9.1	9.4	10.1	9.7	15.0	24
8/14/2024	9.1	8.2	8.0	9.4	12.3	12.7	13.4	12.5	12.1	11.7	11.4	10.0	9.4	9.5	8.4	5.7	5.8	6.6	6.5	6.0	5.1	4.8	5.4	5.8	8.7	24
8/15/2024	6.2	7.3	7.6	8.0	7.6	7.8	8.6	9.6	8.2	6.7	6.9	7.0	7.7	8.0	7.7	7.8	8.3	8.5	8.4	8.8	8.9	10.0	9.6	9.3	8.1	24
8/16/2024	9.3	9.9	10.6	12.4	14.4	14.5	13.2	11.8	12.5	14.3	15.4	15.2	15.1	15.2	15.6	15.3	14.9	15.6	16.3	17.4	17.8	19.0	19.9	19.4	14.8	24
8/17/2024	19.4	19.5	19.4	19.4	19.0	20.8	22.8	22.0	21.1	19.9	19.0	17.6	16.8	16.2	16.0	15.6	15.9	17.3	18.2	18.1	17.9	17.7	21.6	20.3	18.8	24
8/18/2024	19.1	20.2	21.1	21.2	20.7	20.9	20.9	20.4	20.3	16.6	14.0	13.2	12.1	11.4	11.2	11.6	12.1	13.9	15.0	16.3	17.1	8.6	6.2	6.2	15.4	24
8/19/2024	4.8	5.4	5.9	4.7	4.0	3.7	3.9	4.7	5.2	6.3	7.4	7.8	8.0	8.5	9.2	9.1	9.5	10.3	8.8	8.1	6.4	5.9	5.4	5.1	6.6	24
8/20/2024	6.5	7.5	8.3	9.5	9.0	9.6	10.8	13.4	16.1	14.4	10.0	9.1	8.3	8.2	11.9	12.0	10.9	11.7	12.4	10.0	5.6	5.7	3.5	5.1	9.6	24
8/21/2024	7.9	7.8	8.4	7.8	8.1	7.2	6.4	5.7	6.7	6.9	7.1	7.8	7.5	6.9	6.4	6.0	6.6	5.7	6.2	6.7	7.8	8.2	8.2	8.5	7.2	24
8/22/2024	9.2	9.1	8.6	8.4	8.6	8.5	8.7	8.9	8.9	8.5	8.1	7.9	8.4	9.8	11.1	11.0	10.0	7.4	5.7	4.9	4.8	5.4	6.4	6.0	8.1	24
8/23/2024	5.7	5.4	5.1	5.1	5.4	5.6	5.8	6.6	7.1	6.7	6.5	6.5	6.8	7.0	6.4	6.3	6.1	6.3	6.9	7.7	7.8	6.9	7.2	7.9	6.4	24
8/24/2024	8.1	8.4	8.6	8.5	10.4	8.8	9.5	8.9	8.5	7.2	7.2	7.1	6.2	5.3	4.5	4.3	4.3	4.7	5.4	6.2	7.0	6.9	7.2	7.7	7.1	24
8/25/2024	7.7	7.8	9.3	11.8	11.4	13.8	13.8	10.9	8.7	6.6	4.9	4.7	5.0	5.3	6.7	8.0	7.4	6.8	4.8	1.5	1.5	1.5	1.9	2.1	6.8	24
8/26/2024	2.3	2.0	2.1	2.2	2.2	2.6	3.2	3.2	3.6	3.3	4.0	4.9	4.7	3.3	3.8	3.3	2.3	1.9	2.1	2.2	2.3	2.8	3.1	3.1	2.9	24
8/27/2024	4.0	3.4	4.4	4.0	4.9	4.7	8.2	6.5	12.2	11.2	5.0	5.0	3.2	3.2	3.7	4.0	3.2	2.4	2.0	1.7	1.5	2.0	1.5	1.7	4.3	24
8/28/2024	1.8	2.1	2.2	2.4	2.8	3.5	4.0	3.7	2.7	3.1	4.2	5.4	6.4	5.9	7.0	5.0	3.9	2.6	2.5	2.1	2.3	2.3	2.1	2.1	3.4	24
8/29/2024	2.4	2.4	2.8	2.9	3.2	3.6	4.0	3.7	3.1	3.0	2.9	3.0	3.0	2.7	2.5	2.7	2.5	1.9	2.3	2.0	2.2	2.7	2.3	1.7	2.7	24
8/30/2024	1.8	1.8	2.2	2.3	2.7	3.2	5.0	5.4	2.1	2.0	2.6	3.1	3.0	3.5	3.9	3.9	3.2	2.8	3.2	2.9	3.2	3.4	3.7	3.2	3.1	24
8/31/2024	3.2	3.5	3.9	4.0	5.4	5.9	5.5	7.3	4.9	3.4	4.2	4.4	11.7	5.1	4.3	4.7	3.3	2.8	3.0	3.0	5.5	4.1	4.7	6.8	4.8	24
avg	7.2	7.5	7.8	8.0	8.4	8.7	9.3	10.1	10.3	9.4	9.0	8.5	8.3	8.3	8.2	7.7	7.6	7.5	7.2	7.2	7.3	6.9	7.0	7.2	8.1	
min	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.6	0.4	
max	19.4	20.2	21.1	21.2	22.3	24.1	25.3	40.4	40.3	25.6	24.2	20.6	19.5	21.6	21.9	21.0	21.4	18.7	18.2	18.1	22.5	22.3	21.8	20.9	21.7	744

Saroad Table - Hourly PM2.5 Data
August 2024

Location Woodville **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
8/1/2024	5.3	5.6	5.8	4.7	4.2	4.7	5.5	6.1	7.5	7.7	7.4	8.3	9.0	10.1	10.5	10.8	10.8	11.1	9.1	7.5	7.0	7.1	8.0	9.1	7.6	24
8/2/2024	10.0	10.8	11.9	12.1	12.3	11.7	12.8	12.8	13.6	14.2	13.3	12.5	9.5	7.3	6.7	6.3	6.6	6.5	5.4	5.5	5.4	5.5	5.9	6.3	9.4	24
8/3/2024	7.0	6.8	5.9	6.4	7.2	6.5	6.2	4.9	4.8	5.4	5.9	5.3	5.1	4.8	4.2	3.2	3.0	3.5	3.5	4.1	2.9	1.6	1.2	1.2	4.6	24
8/4/2024	1.4	1.8	1.8	1.8	0.7	0.9	1.9	1.8	3.9	2.6	2.2	1.7	1.5	2.1	2.0	1.8	1.5	1.7	1.4	1.6	1.8	1.8	1.6	1.6	1.8	24
8/5/2024	1.4	1.4	0.9	0.7	0.7	0.2	0.7	1.1	0.5	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.9	1.6	1.1	0.8	4.8	2.1	1.6	2.6	1.0	24
8/6/2024	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	--	0.0	0.2	0.5	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	23
8/7/2024	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.3	1.1	1.5	2.0	2.8	2.3	2.6	1.0	1.4	1.4	1.2	0.8	1.1	1.2	1.6	2.0	1.0	24
8/8/2024	2.2	2.5	2.8	3.0	3.1	3.0	3.1	3.6	4.4	4.2	3.5	3.8	3.8	4.0	4.1	5.3	6.4	7.2	9.0	10.6	20.3	21.5	21.8	21.6	7.3	24
8/9/2024	17.7	17.3	18.6	20.2	22.3	24.6	25.4	40.4	40.5	25.7	22.9	20.3	19.8	21.6	22.3	21.1	21.9	18.5	16.6	16.5	16.6	17.8	18.1	16.8	21.8	24
8/10/2024	19.0	19.1	18.3	17.2	16.4	16.3	16.3	15.7	16.0	16.7	17.2	17.0	15.3	14.9	15.1	15.2	14.2	13.4	12.2	10.9	9.1	8.0	8.2	8.3	14.6	24
8/11/2024	8.6	11.0	14.0	15.2	15.6	16.0	16.2	16.2	16.7	17.5	17.3	16.9	17.0	16.3	15.1	8.2	8.7	7.0	7.7	10.5	8.3	7.6	7.2	7.7	12.6	24
8/12/2024	7.9	7.8	8.0	8.4	8.8	10.1	12.1	11.7	14.4	15.5	16.1	15.4	16.4	15.2	15.9	15.5	15.5	14.2	12.9	10.7	9.6	9.9	11.2	12.2	12.3	24
8/13/2024	12.5	13.4	13.8	15.0	15.1	16.8	18.5	22.7	23.6	22.5	23.5	18.9	13.7	13.8	13.2	12.1	12.2	12.4	10.9	10.3	10.7	8.9	11.3	10.6	14.8	24
8/14/2024	10.4	8.1	9.5	11.0	11.2	11.4	12.5	12.5	11.7	11.0	10.8	10.5	10.9	8.8	8.4	7.3	6.2	6.3	6.5	7.0	6.1	5.7	6.0	6.0	9.0	24
8/15/2024	7.5	8.5	8.2	7.8	7.6	7.7	8.1	8.3	8.4	7.2	7.2	7.2	7.6	8.1	7.7	7.8	8.2	8.1	8.2	8.1	8.5	8.4	8.7	8.8	8.0	24
8/16/2024	9.3	10.9	13.7	12.3	11.7	12.3	14.0	12.8	14.9	15.1	16.6	15.9	15.5	15.7	16.3	15.9	15.3	15.4	15.8	17.1	18.2	18.7	19.3	21.2	15.2	24
8/17/2024	21.6	21.9	20.3	19.3	19.5	20.3	22.7	23.2	21.8	20.5	18.8	17.7	17.2	16.7	16.4	16.6	16.6	17.5	17.8	17.8	17.9	18.3	19.1	19.1	19.1	24
8/18/2024	19.9	20.9	21.6	21.3	21.2	21.3	21.0	21.3	20.5	16.1	14.6	13.1	11.7	11.2	11.2	11.5	12.3	14.0	15.2	15.6	16.7	8.2	6.0	5.8	15.5	24
8/19/2024	5.1	5.5	6.4	5.3	4.4	3.2	3.8	4.5	5.2	6.6	8.0	8.1	7.8	8.5	9.4	8.9	9.8	9.9	9.3	7.7	6.3	5.1	4.8	4.7	6.6	24
8/20/2024	6.1	7.1	7.8	9.3	9.0	9.9	11.0	12.8	15.1	14.1	10.6	10.5	8.4	8.1	10.6	11.8	11.2	11.3	11.9	11.7	4.2	4.8	--	--	9.9	22
8/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10.5	7.4	5.3	4.8	6.1	6.6	7.6	6.7	6.9	8
8/23/2024	6.6	5.7	5.8	6.0	6.0	5.4	5.5	6.0	6.5	6.9	6.7	6.3	6.1	6.6	6.4	6.4	5.9	6.0	7.0	7.3	7.2	8.4	8.4	7.6	6.5	24
8/24/2024	8.8	8.5	8.4	8.6	9.2	9.0	8.6	8.4	8.6	7.3	6.8	6.6	6.5	5.9	4.8	3.9	4.4	5.4	5.7	6.4	7.2	7.2	8.0	8.4	7.2	24
8/25/2024	8.5	9.3	9.0	9.0	9.6	10.4	10.5	9.7	8.7	6.6	5.7	5.1	5.2	5.8	7.3	8.7	8.8	7.3	3.7	1.9	3.1	2.1	3.4	2.6	6.8	24
8/26/2024	2.7	2.6	2.8	2.4	2.6	3.3	3.8	3.0	3.1	3.2	4.6	9.5	5.1	3.6	3.7	3.5	2.4	2.1	1.8	1.8	1.8	2.0	2.3	2.6	3.2	24
8/27/2024	3.5	4.3	4.6	5.7	6.7	7.2	5.7	6.5	8.0	6.8	5.8	4.3	3.3	3.1	3.2	3.5	3.3	--	1.7	1.6	1.6	1.4	1.4	1.4	4.1	23
8/28/2024	1.6	2.0	3.1	3.5	3.2	2.8	4.1	3.3	3.2	3.5	3.4	4.3	6.4	5.4	7.2	5.0	3.9	2.7	2.5	1.9	1.8	1.8	1.8	2.0	3.4	24
8/29/2024	2.9	2.9	3.3	3.0	3.7	3.3	4.9	4.6	3.8	4.0	3.8	3.9	3.7	3.0	3.0	2.5	2.1	1.8	1.6	1.8	2.0	2.4	2.1	1.7	3.0	24
8/30/2024	2.1	2.9	2.5	2.5	2.4	3.8	4.5	4.2	3.0	3.1	3.6	3.9	3.4	3.6	3.9	3.5	3.2	2.8	3.4	2.9	2.9	3.2	3.6	3.3	3.3	24
8/31/2024	4.5	4.6	4.0	4.6	5.8	5.7	5.8	7.2	7.8	4.0	4.8	4.5	4.2	3.8	3.6	3.9	3.1	2.8	2.7	2.5	3.3	3.2	3.4	4.3	4.3	24
avg	7.4	7.7	8.0	8.2	8.3	8.5	9.1	9.8	10.6	9.3	9.1	8.8	8.2	8.0	8.1	7.6	7.7	7.6	7.0	6.9	7.1	6.7	7.0	7.1	8.0	
min	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	
max	21.6	21.9	21.6	21.3	22.3	24.6	25.4	40.4	40.5	25.7	23.5	20.3	19.8	21.6	22.3	21.1	21.9	18.5	17.8	17.8	20.3	21.5	21.8	21.6	21.8	700

Saroad Table - Hourly PM2.5 Data
August 2024

Location GA DNR **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
8/1/2024	5.6	6.1	6.2	5.4	4.9	5.2	5.8	6.7	7.3	7.5	7.6	8.3	8.9	--	10.4	10.6	--	--	8.9	7.8	7.3	7.3	8.3	8.9	7.4	21
8/2/2024	9.8	10.7	11.4	11.9	12.1	11.4	11.9	12.0	12.4	12.8	12.0	--	9.3	8.5	7.2	7.0	7.1	6.7	5.7	5.9	5.9	5.9	6.1	6.9	9.2	23
8/3/2024	7.3	6.9	6.4	6.8	7.6	7.1	6.6	5.5	5.3	5.8	6.2	5.7	5.4	5.7	4.9	4.2	4.2	4.4	3.9	3.6	3.1	2.0	1.3	1.6	5.1	24
8/4/2024	2.2	2.3	2.6	2.2	1.3	1.1	1.2	2.5	3.5	2.7	2.5	2.1	2.1	2.6	2.5	2.3	2.0	2.1	1.8	2.1	2.0	1.8	1.9	2.0	2.1	24
8/5/2024	2.0	1.7	1.2	1.0	1.0	0.7	1.3	1.5	0.9	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	0.4	0.0	4.0	1.1	0.7	1.8	1.0	24
8/6/2024	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	0.7	1.0	0.7	1.5	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.3	24
8/7/2024	0.2	0.8	0.8	0.3	0.0	0.0	0.1	0.4	0.8	1.8	2.2	2.7	3.4	2.6	2.8	1.6	1.9	1.8	1.7	1.5	1.6	1.7	1.9	2.4	1.5	24
8/8/2024	2.7	2.9	3.1	3.3	3.3	3.4	3.5	4.0	4.2	4.1	4.1	4.2	4.5	5.0	5.0	6.0	7.0	--	8.8	10.4	20.7	21.3	21.2	20.4	7.5	23
8/9/2024	17.3	16.6	17.8	19.2	20.8	22.4	23.7	24.6	24.4	23.4	20.5	18.8	--	--	--	--	19.6	18.0	16.9	16.4	15.9	17.0	16.9	16.1	19.3	20
8/10/2024	17.7	18.0	17.4	16.7	15.8	15.7	15.6	15.1	15.1	15.9	15.9	--	14.0	14.0	--	14.2	13.6	12.9	11.9	11.2	9.1	8.1	8.5	8.4	13.9	22
8/11/2024	8.5	10.8	13.5	14.8	15.1	15.3	15.6	15.3	15.7	16.3	20.1	--	--	--	14.2	8.0	8.8	7.4	8.3	10.1	8.9	8.6	7.6	7.8	11.9	21
8/12/2024	8.0	7.9	8.0	8.4	8.8	9.6	10.7	11.3	13.4	15.0	15.1	14.8	--	14.3	14.9	15.0	14.8	13.7	12.2	10.5	9.3	9.7	11.1	11.6	11.7	23
8/13/2024	12.5	13.6	13.9	15.0	15.6	17.2	18.8	21.0	22.0	21.2	22.1	17.8	13.1	13.0	--	--	--	12.0	11.1	11.2	10.1	8.8	11.1	11.2	14.9	21
8/14/2024	10.0	10.1	12.1	15.3	11.4	11.1	12.1	12.8	13.8	12.2	11.3	10.0	11.1	9.6	8.4	6.9	6.3	7.0	6.7	6.7	6.0	6.3	6.5	6.7	9.6	24
8/15/2024	7.0	9.3	7.5	13.0	14.4	14.7		12.4	9.6	7.4	7.6	7.6	7.9	8.2	8.0	8.3	8.6	8.5	8.4	8.3	8.6	8.7	8.6	9.2	9.2	23
8/16/2024	10.0	11.4	11.4	12.7	13.2	14.1	14.0	14.6	13.6	14.2	14.7	14.8	14.4	14.8	15.0	15.1	14.4	14.8	15.3	16.5	17.4	18.4	19.0	19.5	14.7	24
8/17/2024	19.5	19.7	19.2	18.7	19.4	20.1	21.9	22.1	20.3	18.8	17.2	16.5	15.6	15.1	14.7	14.6	16.2	16.6	17.1	17.4	17.2	17.5	18.0	18.6	18.0	24
8/18/2024	19.3	20.4	20.8	20.8	20.9	20.3	20.2	19.8	18.8	15.2	13.7	12.4	11.2	10.9	10.9	11.1	11.4	13.0	14.1	15.1	16.3	7.4	5.1	5.6	14.8	24
8/19/2024	5.1	5.6	6.3	5.7	4.8	3.7	4.1	4.9	5.4	6.5	7.5	8.1	7.9	8.5	9.2	9.2	9.6	10.0	9.0	7.7	6.6	5.6	5.2	5.4	6.7	24
8/20/2024	6.6	7.5	8.2	8.3	9.2	9.9	11.1	14.1	15.7	17.3	12.9	9.3	8.4	8.9	11.3	11.5	11.2	11.2	11.8	9.5	4.4	5.1	2.6	8.5	9.8	24
8/21/2024	11.5	13.0	11.2	12.8	14.7	12.2	9.5	9.6	8.9	7.5	7.2	7.7	7.4	7.1	6.7	6.3	6.0	5.4	5.7	6.4	7.4	7.9	8.0	8.5	8.7	24
8/22/2024	8.8	8.8	8.6	8.5	13.6	14.4	12.1	12.7	9.9	8.3	7.8	8.1	8.5	10.1	11.0	11.0	10.8	7.4	5.6	4.7	5.0	6.4	9.5	11.0	9.3	24
8/23/2024	10.2	9.9	10.0	10.7	9.0	8.1	8.6	8.2	7.5	7.1	7.0	7.1	6.5	6.5	6.6	6.1	6.6	7.4	9.0	10.2	9.9	11.5	11.4	10.4	8.6	24
8/24/2024	11.5	11.7	10.1	9.4	8.8	12.6	8.5	10.6	11.1	9.3	8.3	7.8	6.7	5.8	4.7	3.9	4.7	6.0	7.4	8.6	9.8	10.1	11.8	12.9	8.8	24
8/25/2024	12.7	13.5	10.4	9.3	9.7	11.1	10.6	10.5	11.5	7.6	6.6	5.9	5.8	6.8	8.5	10.5	9.2	8.8	4.7	1.8	1.7	2.0	4.2	6.3	7.9	24
8/26/2024	5.2	5.8	6.0	6.3	7.0	6.3	7.9	5.6	3.9	3.8	6.3	6.8	5.5	3.9	4.2	3.9	3.2	3.0	2.0	2.0	2.0	2.2	2.8	2.8	4.5	24
8/27/2024	3.5	4.8	7.3	6.5	7.9	8.8	7.0	8.9	7.4	5.8	5.8	5.2	3.6	3.5	4.3	4.6	4.0	3.1	2.4	1.9	1.7	1.5	1.6	1.7	4.7	24
8/28/2024	2.2	2.5	2.8	3.8	4.0	4.1	4.3	5.0	2.8	3.0	3.9	4.8	5.1	4.6	6.2	5.6	4.9	3.6	2.7	2.3	2.2	2.0	2.1	2.1	3.6	24
8/29/2024	2.7	3.0	3.6	3.6	3.6	3.7	4.2	4.0	3.7	3.9	3.9	4.2	4.3	3.3	3.6	3.6	3.5	2.9	2.3	2.2	2.1	2.1	2.2	1.8	3.2	24
8/30/2024	2.2	3.6	3.2	3.1	5.5	5.2	6.4	3.5	3.0	3.2	4.0	4.2	4.0	4.3	4.7	4.5	4.3	3.8	3.5	3.3	3.4	3.6	3.9	3.6	3.9	24
8/31/2024	4.2	4.4	4.8	5.2	6.2	6.3	6.9	9.9	5.5	4.1	5.1	5.2	5.0	4.5	4.8	4.7	4.1	3.8	3.3	2.9	3.3	4.0	4.1	4.2	4.9	24
avg	7.9	8.5	8.6	9.0	9.3	9.5	9.5	10.0	9.6	9.2	9.1	7.9	7.2	7.3	7.4	7.3	7.5	7.5	7.2	7.0	7.2	7.0	7.2	7.7	8.3	
min	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.3	
max	19.5	20.4	20.8	20.8	20.9	22.4	23.7	24.6	24.4	23.4	22.1	18.8	15.6	15.1	15.0	15.1	19.6	18.0	17.1	17.4	20.7	21.3	21.2	20.4	19.3	725

Saroad Table - Hourly PM2.5 Data
August 2024

Location West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
8/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/20/2024	--	--	--	--	--	--	--	--	--	--	--	9.7	9.1	9.2	12.1	12.0	11.5	11.9	12.3	8.7	5.3	6.0	4.0	6.1	9.1	13
8/21/2024	8.4	8.3	7.7	7.5	8.0	7.2	6.2	6.1	6.8	7.1	7.8	8.9	7.9	7.1	6.8	6.4	6.3	6.0	6.3	6.8	7.7	8.2	8.3	8.9	7.4	24
8/22/2024	9.4	9.1	8.6	8.3	8.4	8.4	8.5	8.9	8.7	8.4	7.9	7.8	8.2	9.7	10.7	10.7	10.2	7.7	5.8	5.2	5.0	6.2	6.0	6.0	8.1	24
8/23/2024	5.5	5.4	5.0	5.2	5.5	5.6	5.7	6.3	6.6	6.8	6.4	6.3	6.1	6.4	6.3	6.2	7.9	6.0	7.1	7.5	8.0	7.5	7.3	8.0	6.4	24
8/24/2024	8.3	8.2	8.2	8.2	8.4	8.3	8.6	8.1	7.7	7.0	7.2	7.0	6.5	5.5	4.8	4.5	4.6	5.0	5.5	6.3	7.0	7.1	7.4	7.6	7.0	24
8/25/2024	7.5	7.7	8.5	9.2	9.4	10.2	10.5	9.6	8.4	6.5	5.3	5.2	5.4	5.7	7.1	8.0	7.5	7.2	4.5	1.7	1.8	2.1	2.2	2.0	6.4	24
8/26/2024	2.3	1.9	2.1	2.1	2.4	2.7	3.5	3.2	3.3	3.4	4.7	5.2	5.1	4.1	4.2	3.9	3.1	3.0	2.8	2.4	2.7	2.4	2.5	3.3	3.2	24
8/27/2024	3.3	3.8	4.5	3.8	5.2	4.0	4.3	5.0	3.7	4.4	5.5	4.6	3.8	3.8	4.2	4.3	3.7	2.9	2.5	2.5	1.9	1.7	1.5	1.8	3.6	24
8/28/2024	2.1	2.2	2.5	3.1	3.0	2.8	2.9	6.9	3.8	3.4	4.7	5.4	4.2	3.9	5.8	5.3	4.3	3.0	2.7	2.3	2.2	2.1	2.1	2.2	3.4	24
8/29/2024	3.0	2.7	3.2	3.2	3.3	3.7	4.2	4.0	3.3	3.8	4.0	4.7	4.1	3.0	3.1	3.1	2.8	2.5	2.4	2.2	2.3	2.2	2.4	2.0	3.1	24
8/30/2024	2.2	2.4	2.7	2.7	2.6	3.2	6.0	5.1	3.5	3.3	3.9	4.3	3.8	4.2	4.3	4.2	3.7	3.2	3.4	3.3	3.6	3.7	4.7	3.8	3.7	24
8/31/2024	3.9	4.4	8.1	6.3	8.8	5.5	5.5	7.5	5.1	4.0	5.1	5.0	4.9	4.3	4.4	4.4	3.6	3.4	3.6	6.7	10.2	9.5	9.4	5.8	5.8	24
avg	5.1	5.1	5.6	5.4	5.9	5.6	6.0	6.4	5.6	5.3	5.7	6.2	5.8	5.6	6.1	6.1	5.8	5.2	4.9	4.6	4.8	4.9	4.8	4.8	5.6	
min	2.1	1.9	2.1	2.1	2.4	2.7	2.9	3.2	3.3	3.3	3.9	4.3	3.8	3.0	3.1	3.1	2.8	2.5	2.4	1.7	1.8	1.7	1.5	1.8	3.1	
max	9.4	9.1	8.6	9.2	9.4	10.2	10.5	9.6	8.7	8.4	7.9	9.7	9.1	9.7	12.1	12.0	11.5	11.9	12.3	8.7	10.2	9.5	9.4	8.9	9.1	277

Saroad Table - Hourly PM2.5 Data
August 2024

Location Brickyard **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
8/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/6/2024	--	--	--	--	--	--	0.0	0.0	0.0	0.2	0.1	0.4	0.2	0.7	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	18
8/7/2024	0.0	0.6	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.9	1.2	1.5	2.2	2.0	2.4	0.7	1.1	0.9	1.0	1.3	0.9	1.2	1.2	1.7	0.9	24
8/8/2024	2.0	2.2	2.3	2.5	2.7	2.9	3.1	3.6	3.9	3.6	3.2	3.4	3.7	4.1	4.4	5.4	6.4	7.1	8.8	11.8	21.6	20.6	20.3	19.2	7.0	24
8/9/2024	16.8	16.3	17.6	19.1	21.2	22.9	24.5	25.6	25.7	24.1	20.8	19.2	19.2	21.4	22.0	20.8	21.1	18.1	16.0	15.3	15.4	17.4	16.5	15.8	19.7	24
8/10/2024	17.1	18.1	17.3	16.1	15.9	15.9	16.1	15.5	15.3	16.0	16.3	16.1	15.1	14.9	14.8	14.7	13.7	12.8	11.8	10.0	8.1	7.6	7.7	7.7	13.9	24
8/11/2024	8.0	10.8	13.6	14.5	15.2	16.5	16.6	15.4	15.8	16.3	16.2	16.1	16.1	--	--	--	--	--	--	--	--	--	--	--	14.7	13
8/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	15.1	15.0	14.6	13.6	11.3	9.3	8.2	8.8	10.7	11.5	11.8	10
8/13/2024	11.8	12.6	13.1	14.0	14.3	16.2	18.7	22.6	24.3	21.7	22.6	19.7	--	--	--	--	--	--	--	--	--	--	--	--	17.6	12
8/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	6.8	6.2	6.0	5.6	5.4	6.1	6.8	7.6	8.0	7.7	8.2	6.8	11
8/22/2024	9.0	8.8	8.3	8.1	7.9	8.1	8.3	8.5	8.4	7.9	7.4	7.5	7.5	9.2	10.5	10.5	9.6	7.1	5.6	4.9	4.6	5.1	5.3	5.4	7.6	24
8/23/2024	5.5	5.3	4.8	4.8	5.0	5.2	5.7	6.2	6.6	6.5	6.2	5.7	5.6	5.7	6.5	5.5	5.4	5.5	6.3	7.1	6.7	6.3	6.7	7.5	5.9	24
8/24/2024	7.8	7.9	7.7	7.6	8.2	8.1	8.3	8.1	7.6	6.9	7.0	6.5	5.7	5.4	4.3	4.1	4.1	4.1	5.1	5.6	6.4	6.3	6.8	7.1	6.5	24
8/25/2024	7.2	7.2	8.1	8.9	9.4	10.2	10.4	9.3	8.0	6.1	4.7	4.6	4.9	5.1	6.1	7.2	6.9	6.7	4.1	1.4	1.5	1.4	1.5	1.8	5.9	24
8/26/2024	1.8	1.8	1.9	2.0	2.1	2.3	2.9	3.1	2.5	2.7	3.8	4.1	4.4	4.0	5.5	2.9	2.1	1.9	2.0	1.9	2.0	2.5	2.3	2.3	2.7	24
8/27/2024	2.6	3.7	4.4	3.8	5.0	4.8	3.8	4.4	2.8	3.8	4.6	3.8	3.0	2.9	3.3	3.3	2.5	2.0	1.6	1.4	1.4	1.3	1.0	0.9	3.0	24
8/28/2024	1.6	1.8	1.8	2.2	2.3	2.1	3.2	9.8	5.1	2.7	3.9	4.8	5.1	4.5	5.7	4.5	3.3	2.2	2.1	1.9	1.8	1.7	1.8	1.7	3.2	24
8/29/2024	1.9	2.0	2.2	2.7	2.8	2.9	3.1	3.6	3.3	3.1	3.1	3.3	3.4	2.9	1.9	1.9	1.8	1.7	1.8	1.9	1.8	1.7	1.6	1.4	2.4	24
8/30/2024	2.0	3.0	2.4	2.1	3.0	3.1	3.3	4.7	3.2	2.4	2.9	3.2	3.0	3.3	3.2	3.2	2.6	2.4	2.8	2.7	2.7	3.0	3.6	3.3	3.0	24
8/31/2024	3.4	3.7	3.5	3.9	4.6	3.9	4.2	5.8	4.3	3.5	4.4	4.2	4.0	3.6	3.6	3.3	2.6	2.7	2.7	2.7	2.6	3.1	3.0	2.7	3.6	24
avg	6.1	6.6	6.9	7.0	7.5	7.8	7.8	8.6	8.0	7.6	7.6	7.3	6.4	6.0	6.8	6.4	6.1	5.5	5.2	5.1	5.5	5.7	5.7	5.8	7.2	
min	0.0	0.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.2	0.7	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	
max	17.1	18.1	17.6	19.1	21.2	22.9	24.5	25.6	25.7	24.1	22.6	19.7	19.2	21.4	22.0	20.8	21.1	18.1	16.0	15.3	21.6	20.6	20.3	19.2	19.7	400

Saroad Table - Hourly PM2.5 Data
August 2024

Location Ocean Terminal **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
8/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/31/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	#DIV/0!	
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0

Saroad Table - Hourly PM2.5 Data
August 2024

Location Cockspur Island **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
8/1/2024	4.8	4.8	4.6	4.1	3.7	3.8	4.3	5.2	5.5	6.1	6.6	6.2	6.9	7.3	7.4	7.5	7.5	7.2	6.7	6.5	6.1	6.6	6.3	7.1	6.0	24
8/2/2024	8.1	7.8	8.1	8.4	8.2	8.2	8.8	10.3	11.6	11.9	11.6	11.0	10.1	7.6	4.9	4.4	4.9	6.2	6.6	5.8	5.4	5.2	5.3	5.4	7.7	24
8/3/2024	5.4	5.1	5.7	5.9	5.7	6.1	6.7	5.3	5.0	4.3	4.0	3.8	4.2	3.8	3.5	3.3	3.7	4.1	4.0	4.0	3.5	2.1	0.4	0.7	4.2	24
8/4/2024	1.0	1.3	1.1	1.1	0.4	0.5	0.6	1.0	1.3	1.8	1.7	1.6	1.4	1.7	1.7	1.4	1.6	2.8	2.5	2.0	1.1	1.4	1.7	1.9	1.4	24
8/5/2024	2.0	0.8	0.8	0.9	0.3	0.7	1.0	0.7	2.2	1.5	1.4	0.2	0.6	5.0	6.8	13.5	6.8	7.4	10.5	5.7	7.0	7.2	4.8	4.8	3.9	24
8/6/2024	5.1	4.8	2.4	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.6	3.3	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	24
8/7/2024	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.1	0.9	1.6	2.3	1.4	1.9	1.2	1.6	1.1	0.3	0.3	0.5	0.6	0.8	0.9	0.7	24
8/8/2024	1.5	2.3	2.4	2.4	2.7	2.6	2.6	3.1	3.5	3.8	3.7	3.5	3.6	3.9	4.3	5.1	6.0	8.2	18.5	25.4	21.9	16.1	13.7	16.6	7.4	24
8/9/2024	16.3	15.5	15.8	17.9	19.7	21.2	23.9	25.7	26.2	23.1	21.2	20.2	20.2	21.0	23.4	23.2	16.9	16.7	13.4	9.9	18.9	18.6	13.7	13.8	19.0	24
8/10/2024	14.1	13.8	13.8	13.9	13.6	13.5	13.4	13.1	13.9	14.5	15.2	15.0	14.5	14.8	14.9	13.8	12.6	11.4	7.6	7.0	6.9	7.1	7.0	6.0	12.1	24
8/11/2024	7.5	10.4	13.4	13.9	14.0	14.5	14.7	15.5	15.1	15.0	15.2	15.2	13.9	14.1	13.2	12.2	8.3	10.3	7.5	7.4	7.1	6.7	6.7	6.7	11.6	24
8/12/2024	6.5	6.9	7.8	8.2	8.6	9.1	9.2	10.3	12.8	13.6	14.2	14.4	13.8	13.7	13.9	14.2	13.2	10.7	7.1	6.5	5.4	6.2	7.2	7.8	10.1	24
8/13/2024	9.2	11.0	12.1	13.4	13.9	15.3	17.2	20.6	26.9	43.9	44.4	23.0	21.1	18.7	17.1	13.9	13.3	13.9	12.0	10.8	10.4	9.6	7.0	6.4	16.9	24
8/14/2024	6.2	5.3	6.3	6.5	6.8	6.2	6.9	8.5	9.3	10.0	8.9	8.6	6.6	5.1	4.7	4.5	4.6	4.6	4.7	4.4	4.0	4.4	4.6	4.9	6.1	24
8/15/2024	4.9	4.9	5.6	4.9	4.4	4.3	5.2	5.1	5.3	5.3	5.6	6.3	6.8	6.5	6.8	7.4	7.3	7.2	7.1	7.1	7.3	7.1	7.1	7.1	6.1	24
8/16/2024	7.3	7.6	8.7	10.1	9.8	9.3	8.7	9.5	10.9	14.0	14.7	15.2	15.5	15.6	15.5	15.0	15.7	16.1	16.5	16.6	16.5	16.4	16.4	16.0	13.2	24
8/17/2024	16.0	16.0	16.1	16.7	16.9	17.0	20.1	23.8	21.3	19.4	17.8	17.0	17.4	16.8	16.9	17.0	16.7	16.7	16.8	16.7	16.3	16.1	15.8	16.2	17.4	24
8/18/2024	16.3	19.1	20.5	19.6	19.0	18.7	18.0	18.7	17.6	16.6	14.5	13.0	13.0	12.6	14.8	17.7	18.7	17.8	12.8	15.4	16.4	8.5	5.9	5.0	15.4	24
8/19/2024	4.1	3.7	3.6	3.7	3.6	2.9	3.5	3.9	4.4	5.6	7.1	8.0	7.8	7.4	7.0	7.6	6.1	5.5	6.3	6.2	4.6	3.0	3.5	4.1	5.1	24
8/20/2024	5.1	5.7	6.2	7.1	7.2	8.7	10.9	13.0	12.4	10.6	10.3	11.6	13.2	13.5	12.6	11.0	10.1	12.1	15.8	9.8	9.2	3.9	4.0	4.2	9.5	24
8/21/2024	4.2	4.5	4.8	5.7	4.8	3.3	2.7	3.0	3.6	4.6	5.5	5.1	4.5	4.2	4.3	5.2	4.8	5.3	5.1	6.0	7.4	7.6	7.3	7.1	5.0	24
8/22/2024	7.8	7.3	7.0	6.5	5.9	5.1	4.8	4.7	5.2	5.2	4.9	4.2	4.3	5.2	6.8	7.8	5.9	4.6	3.4	3.5	3.8	3.3	3.1	2.8	5.1	24
8/23/2024	2.7	2.3	2.0	2.2	2.5	2.5	2.9	3.5	3.4	3.5	3.5	3.6	3.6	3.5	3.2	3.2	2.8	2.9	2.6	2.1	2.9	3.2	3.6	4.6	3.0	24
8/24/2024	4.3	4.2	4.3	4.6	5.3	5.0	4.7	4.4	4.1	4.0	3.9	3.7	3.3	2.8	2.4	2.3	2.3	2.2	2.6	3.0	2.2	3.3	3.6	2.2	3.5	24
8/25/2024	2.2	2.6	2.3	2.2	2.2	3.5	4.9	5.1	4.3	4.0	3.6	3.9	3.3	1.8	3.2	4.3	4.2	0.5	0.2	0.3	0.5	0.6	0.4	0.3	2.5	24
8/26/2024	0.5	0.8	0.6	0.3	0.4	0.5	0.6	0.8	1.0	2.4	2.6	2.5	2.5	1.9	1.8	1.9	1.4	1.7	1.2	1.6	1.7	1.6	1.1	1.2	1.4	24
8/27/2024	0.9	1.1	0.9	1.3	1.0	1.5	2.0	1.6	1.9	2.4	3.0	3.0	2.8	3.4	3.2	2.0	1.6	1.1	0.9	0.6	0.6	0.6	0.7	0.7	1.6	24
8/28/2024	0.7	0.6	0.7	1.1	1.7	1.6	2.1	4.1	3.4	3.2	3.9	4.2	4.5	6.0	3.5	2.5	2.1	1.9	1.4	1.2	1.1	1.3	1.4	1.3	2.3	24
8/29/2024	1.3	1.8	1.8	2.3	2.4	2.7	2.5	1.8	1.9	2.2	2.4	2.5	2.5	2.2	2.2	2.2	1.8	1.7	1.4	1.2	1.1	1.0	0.9	0.6	1.8	24
8/30/2024	0.6	0.6	0.9	0.8	0.6	0.7	1.0	1.6	1.8	2.0	2.0	2.1	2.5	2.9	2.8	2.8	2.3	2.1	3.3	2.4	2.4	2.4	2.2	2.0	1.9	24
8/31/2024	2.0	2.4	2.2	2.3	2.5	3.3	2.9	2.3	2.5	2.8	3.1	3.0	2.9	2.9	2.7	2.8	2.3	2.0	1.9	1.9	1.9	1.9	1.9	1.9	2.4	24
avg	5.4	5.6	5.9	6.1	6.1	6.2	6.7	7.3	7.7	8.3	8.3	7.5	7.4	7.4	7.4	7.6	6.7	6.6	6.5	6.2	6.3	5.6	5.1	5.2	6.6	
min	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.7	1.2	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	
max	16.3	19.1	20.5	19.6	19.7	21.2	23.9	25.7	26.9	43.9	44.4	23.0	21.1	21.0	23.4	23.2	18.7	17.8	18.5	25.4	21.9	18.6	16.4	16.6	19.0	744

Saroad Table - Hourly PM2.5 Data
August 2024

Location Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
8/1/2024	5.5	6.0	6.2	5.6	4.8	5.3	6.3	6.9	7.1	7.4	7.6	7.9	8.6	9.1	9.6	9.9	9.9	10.2	9.0	7.6	7.1	7.1	7.9	8.6	7.5	24
8/2/2024	9.5	10.2	11.1	11.6	12.0	11.3	11.9	12.4	12.7	13.0	12.0	11.4	8.8	7.4	7.1	6.8	7.0	6.6	5.5	5.9	5.9	5.8	6.1	6.7	9.1	24
8/3/2024	7.1	6.9	6.4	6.5	7.5	7.2	6.6	5.3	4.7	5.4	5.9	5.4	5.2	5.1	4.5	3.9	3.7	4.2	4.7	4.2	3.4	3.7	1.5	1.5	5.0	24
8/4/2024	2.2	2.5	2.7	2.3	1.4	1.0	1.7	2.6	3.6	2.5	2.5	2.0	2.4	2.5	2.4	2.3	2.0	2.4	2.3	2.5	2.5	2.0	2.1	2.5	2.3	24
8/5/2024	2.4	2.2	1.7	1.5	1.5	0.8	1.2	1.6	1.8	2.1	1.2	0.1	0.1	0.1	0.3	0.3	2.2	2.0	1.7	1.6	5.6	2.9	2.4	3.3	1.7	24
8/6/2024	2.4	1.3	1.0	0.6	0.0	0.0	0.0	0.1	0.2	0.8	0.7	1.0	0.5	1.4	2.5	2.4	0.4	0.3	0.5	0.1	0.3	0.3	0.7	1.2	0.8	24
8/7/2024	0.6	1.3	1.1	0.6	0.0	0.0	0.2	0.4	1.2	1.7	2.2	2.5	3.1	2.6	2.9	1.7	2.0	2.1	1.9	1.6	1.8	2.0	2.0	2.4	1.6	24
8/8/2024	2.6	2.8	3.0	3.2	3.3	3.6	3.7	4.0	4.1	4.0	4.1	4.1	4.0	4.3	4.4	5.5	6.2	7.1	8.3	10.2	21.1	21.4	21.0	20.6	7.4	24
8/9/2024	17.4	16.7	17.9	19.3	21.2	22.8	24.3	25.2	25.4	24.1	20.3	18.0	17.3	19.0	19.8	19.1	20.4	18.2	16.9	16.3	15.8	17.1	16.8	15.9	19.4	24
8/10/2024	17.6	18.1	17.6	16.7	15.9	16.0	16.1	15.1	15.3	16.0	15.6	15.6	13.9	18.6	13.7	14.4	14.1	13.3	12.2	11.2	9.3	8.1	8.4	8.1	14.2	24
8/11/2024	8.5	10.5	13.4	14.9	15.1	15.6	15.7	15.6	15.7	16.5	16.1	15.4	15.4	14.9	14.3	9.1	9.0	7.5	8.3	9.8	8.7	8.1	7.5	7.8	12.2	24
8/12/2024	7.8	7.9	8.1	8.4	8.9	9.9	11.2	11.5	13.7	15.2	14.9	13.9	13.6	13.5	14.3	14.7	14.3	13.7	11.9	10.3	9.1	9.2	10.9	11.3	11.6	24
8/13/2024	12.0	13.0	13.8	14.6	15.6	16.4	18.9	21.8	22.6	21.2	21.4	17.1	12.0	12.0	11.6	11.0	11.2	11.5	10.6	11.3	9.8	8.6	9.7	10.5	14.1	24
8/14/2024	9.2	13.2	13.8	15.8	15.7	16.1	16.9	16.5	13.5	11.7	10.9	9.5	10.1	9.3	8.7	7.3	6.2	7.0	6.3	6.5	5.9	5.7	6.2	6.4	10.3	24
8/15/2024	6.2	9.2	10.5	14.1	14.1	16.4	11.0	11.0	9.8	6.4	7.1	7.2	7.7	7.8	7.5	7.6	8.1	8.0	8.3	8.1	8.3	8.1	8.2	9.0	9.2	24
8/16/2024	9.3	11.2	11.8	14.0	17.2	17.8	17.4	15.2	12.5	13.8	14.4	14.9	14.2	14.5	14.8	15.0	14.6	15.3	15.9	16.3	17.1	18.1	18.9	19.6	15.2	24
8/17/2024	19.6	19.8	19.0	18.3	19.2	19.9	22.1	22.2	20.9	19.6	17.6	16.2	15.4	14.7	14.5	14.8	15.7	17.1	17.5	17.2	17.1	17.2	17.7	18.2	18.0	24
8/18/2024	18.9	20.2	20.8	20.8	20.7	20.5	20.1	20.0	19.4	15.6	13.4	12.2	10.9	10.3	10.1	10.4	10.8	12.7	13.8	14.9	15.9	9.3	6.3	6.1	14.7	24
8/19/2024	5.2	5.7	6.4	5.9	4.9	4.1	4.3	5.3	5.4	6.4	7.3	7.8	7.4	7.8	8.5	8.6	9.2	9.5	8.8	7.8	6.4	5.7	5.3	5.0	6.6	24
8/20/2024	6.4	7.2	7.9	7.9	9.3	9.6	11.1	14.0	17.1	17.2	13.3	9.2	7.8	9.6	10.8	10.9	10.9	11.3	11.6	9.7	5.0	6.5	5.8	13.3	10.1	24
8/21/2024	15.1	14.4	10.8	13.8	17.3	15.0	13.2	10.8	9.4	7.5	7.0	7.3	7.1	7.4	8.0	5.8	5.7	5.5	5.8	6.4	7.5	7.8	8.0	8.2	9.4	24
8/22/2024	8.9	8.7	8.7	8.6	13.8	14.4	14.8	13.0	9.7	8.0	7.5	7.4	8.2	10.3	10.9	10.7	10.4	7.0	5.5	4.7	4.7	5.7	7.4	10.0	9.1	24
8/23/2024	9.7	10.5	10.4	11.3	8.9	8.3	9.1	8.3	7.6	7.3	7.2	7.2	6.2	6.2	6.3	5.8	6.4	6.9	8.0	11.4	11.5	12.9	11.9	11.1	8.8	24
8/24/2024	14.0	14.4	15.3	15.8	15.1	14.1	16.1	14.6	13.9	9.3	9.1	8.1	6.9	5.4	4.5	3.6	4.1	5.6	9.0	10.6	10.7	10.7	12.4	12.7	10.7	24
8/25/2024	12.4	13.9	17.2	17.4	17.1	19.1	18.5	14.5	11.4	7.6	7.4	5.9	5.8	7.2	9.4	10.7	9.6	9.3	4.0	1.9	1.8	1.8	3.1	5.1	9.7	24
8/26/2024	3.8	9.3	6.4	7.9	9.9	9.1	8.1	7.2	3.5	3.5	6.9	7.1	5.9	3.6	3.8	3.6	2.5	2.3	2.3	2.3	2.3	2.5	2.5	2.9	5.0	24
8/27/2024	3.6	4.2	5.3	9.5	8.9	7.7	11.5	9.7	10.2	6.8	6.2	5.0	3.2	3.2	3.5	3.8	3.0	2.4	2.0	1.6	1.6	1.5	1.5	1.6	4.9	24
8/28/2024	1.9	2.3	2.6	3.7	3.6	3.2	4.4	5.6	3.3	3.2	3.8	4.4	3.8	3.8	5.8	5.2	4.3	3.0	2.6	2.3	2.4	2.2	2.0	2.2	3.4	24
8/29/2024	2.5	3.0	3.7	3.7	3.7	3.5	4.3	4.0	3.6	4.0	3.7	3.8	4.2	6.0	3.1	2.9	2.8	3.0	2.4	2.3	2.1	2.2	2.2	2.0	3.3	24
8/30/2024	2.3	2.8	3.0	3.0	4.0	8.0	8.2	5.5	3.4	3.1	3.9	3.9	3.6	4.0	4.1	4.0	3.5	3.1	3.5	3.2	3.6	4.1	4.1	3.7	4.0	24
8/31/2024	4.0	4.4	5.8	5.5	6.6	6.5	5.9	8.1	5.7	4.0	5.2	6.8	6.1	5.0	4.7	4.6	3.9	3.4	3.2	3.2	3.7	4.0	4.1	4.2	4.9	24
avg	8.0	8.8	9.1	9.8	10.2	10.4	10.8	10.6	9.9	9.2	8.9	8.3	7.7	8.0	8.0	7.6	7.5	7.5	7.2	7.2	7.3	7.2	7.3	7.8	8.5	
min	0.6	1.3	1.0	0.6	0.0	0.0	0.0	0.1	0.2	0.8	0.7	0.1	0.1	0.1	0.3	0.3	0.4	0.3	0.5	0.1	0.3	0.3	0.7	1.2	0.8	
max	19.6	20.2	20.8	20.8	21.2	22.8	24.3	25.2	25.4	24.1	21.4	18.0	17.3	19.0	19.8	19.1	20.4	18.2	17.5	17.2	21.1	21.4	21.0	20.6	19.4	744

Saroad Table - Hourly PM2.5 Data
August 2024

Location Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	0.5	24
8/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.42	0.28	0.22	0.30	0.31	4
8/2/2024	0.47	0.64	0.64	0.69	0.61	0.68	0.99	0.87	0.80	0.65	0.59	0.42	0.70	0.38	0.57	0.31	0.34	0.35	0.44	0.44	0.28	0.23	0.19	0.24	0.52	24
8/3/2024	0.25	0.35	0.31	0.42	0.43	0.40	0.42	0.34	0.21	0.18	0.18	0.16	0.17	0.16	0.21	0.14	0.11	0.13	0.17	0.31	0.25	0.19	0.40	0.30	0.26	24
8/4/2024	0.43	0.62	0.71	1.92	0.34	0.37	0.50	1.48	3.05	1.57	0.23	0.13	0.12	0.17	0.28	0.18	0.20	0.41	0.27	--	--	--	--	--	0.68	19
8/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	0.25	0.29	0.28	0.30	0.33	0.49	0.89	1.32	1.05	1.34	1.18	0.70	11
8/14/2024	1.18	0.74	0.84	1.17	1.06	1.06	0.93	0.77	0.97	1.02	0.96	0.58	0.58	0.91	0.65	0.87	0.96	0.63	0.70	1.14	1.24	1.46	1.96	2.18	1.02	24
8/15/2024	2.42	3.11	2.81	1.25	1.26	1.61	2.71	3.88	2.29	0.81	0.45	0.48	0.36	0.42	0.29	0.23	0.25	0.27	0.34	0.75	0.43	0.39	0.41	0.54	1.16	24
8/16/2024	1.61	3.40	3.23	2.68	2.43	2.86	3.21	2.17	2.49	1.14	0.60	0.53	0.49	0.42	0.52	0.54	0.64	0.68	0.63	0.90	1.17	1.72	1.11	1.10	1.51	24
8/17/2024	0.93	1.12	1.31	1.15	1.19	0.97	1.15	1.12	1.13	0.76	0.64	0.49	0.51	0.48	0.47	0.94	0.61	0.68	0.61	0.51	0.56	1.08	0.63	0.60	0.82	24
8/18/2024	0.76	0.71	1.41	1.07	0.89	0.83	0.92	0.86	0.64	0.49	0.40	0.31	0.25	0.25	0.27	0.30	0.25	0.26	0.35	0.47	0.58	0.23	0.23	0.23	0.54	24
8/19/2024	0.16	0.19	0.21	0.31	0.49	0.59	0.45	0.45	0.42	0.34	0.24	0.27	0.18	0.20	0.25	0.26	0.39	0.33	0.52	0.53	0.34	0.31	0.23	0.25	0.33	24
8/20/2024	0.34	0.40	0.72	0.80	0.59	0.70	0.62	1.37	1.50	1.22	0.63	0.39	0.31	0.28	0.35	0.54	0.60	0.42	1.07	0.88	0.49	0.28	0.21	0.98	0.65	24
8/21/2024	1.66	0.69	1.06	1.50	1.23	0.91	0.96	1.05	1.13	0.83	0.62	0.54	0.52	0.45	0.37	0.38	0.36	0.63	0.40	0.48	0.34	0.48	0.41	0.75	0.74	24
8/22/2024	0.35	0.52	0.71	1.26	0.87	1.03	2.41	1.44	1.28	0.56	0.85	0.51	0.55	0.53	0.55	0.52	0.51	0.38	0.36	0.58	0.42	0.79	1.37	0.78	0.80	24
8/23/2024	0.45	0.42	0.47	0.52	0.70	0.97	1.54	1.84	1.16	0.91	0.86	0.66	0.66	0.62	0.74	0.69	0.70	0.70	1.02	0.86	0.76	0.65	0.74	0.86	0.81	24
8/24/2024	0.57	0.47	0.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.52	3
8/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/29/2024	--	--	--	--	--	--	--	--	0.81	0.25	0.12	0.13	0.15	0.40	0.07	--	--	--	--	--	--	--	--	--	0.28	7
8/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/31/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	0.83	0.96	1.07	1.13	0.93	1.00	1.29	1.36	1.28	0.77	0.53	0.40	0.40	0.40	0.39	0.44	0.44	0.44	0.53	0.67	0.61	0.65	0.68	0.74	0.69	
min	0.16	0.19	0.21	0.31	0.34	0.37	0.42	0.34	0.21	0.18	0.12	0.13	0.12	0.16	0.07	0.14	0.11	0.13	0.17	0.31	0.25	0.19	0.19	0.23	0.26	
max	2.42	3.40	3.23	2.68	2.43	2.86	3.21	3.88	3.05	1.57	0.96	0.66	0.70	0.91	0.74	0.94	0.96	0.70	1.07	1.14	1.32	1.72	1.96	2.18	1.51	332

Saroad Table - Hourly PM2.5 Data
August 2024

Location Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	0.5	24
8/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.16	0.19	0.26	0.31	0.32	0.33	0.26	6
8/2/2024	0.34	0.36	0.38	0.37	0.33	0.30	0.34	0.32	0.30	0.25	0.27	0.21	0.14	0.20	0.15	0.19	0.18	0.15	0.14	0.17	0.18	0.20	0.18	0.21	0.25	24
8/3/2024	0.28	0.32	0.29	0.36	0.21	0.12	0.10	0.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.22	8
8/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	0.12	0.17	0.16	0.17	0.18	0.18	0.19	0.18	0.18	0.18	0.19	0.21	0.18	12
8/16/2024	0.26	0.41	0.28	0.27	0.28	0.34	0.71	0.45	0.41	0.45	0.44	0.42	0.41	0.48	0.49	0.51	0.55	0.56	0.55	0.52	0.53	0.54	0.52	0.52	0.45	24
8/17/2024	0.53	0.41	0.40	0.52	0.77	0.58	0.54	0.47	0.46	0.45	0.44	0.45	0.45	0.48	0.49	0.53	0.52	0.55	0.55	0.51	0.53	0.79	0.95	0.79	0.55	24
8/18/2024	0.69	0.56	0.50	0.51	0.54	0.47	0.42	0.39	0.32	0.29	0.26	0.40	0.51	0.54	0.54	0.39	0.47	0.50	--	--	--	--	--	--	0.46	18
8/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/21/2024	--	--	--	--	--	--	--	--	--	0.14	0.18	0.17	0.14	0.15	0.21	0.25	0.18	--	0.21	0.33	0.21	0.34	0.26	0.21	0.21	14
8/22/2024	0.22	0.21	0.19	0.27	0.24	0.28	0.28	0.59	0.31	0.20	0.25	0.34	0.33	0.37	0.23	0.16	0.17	0.57	0.18	0.23	0.24	0.32	0.29	0.19	0.28	24
8/23/2024	0.22	0.24	0.25	0.49	1.40	0.47	0.39	1.24	0.70	0.44	--	0.29	0.26	0.21	0.26	0.20	0.41	1.33	0.29	0.31	0.34	0.31	0.28	0.28	0.46	23
8/24/2024	0.28	0.58	0.61	0.58	0.63	0.37	0.41	0.44	1.09	0.22	0.16	0.18	0.24	0.16	0.18	0.21	0.24	0.23	0.25	0.28	0.31	0.23	0.29	0.23	0.35	24
8/25/2024	0.40	0.36	--	0.50	0.42	0.29	0.35	0.30	0.23	0.25	0.09	0.29	0.38	0.21	0.81	0.07	1.12	0.08	0.06	0.06	0.47	0.07	0.12	0.15	--	23
8/26/2024	0.19	0.09	0.12	0.61	0.78	0.08	1.16	0.16	0.10	0.06	0.06	0.47	0.18	0.10	0.11	0.11	0.10	0.73	0.15	0.13	0.84	0.10	0.08	0.13	0.28	24
8/27/2024	0.13	0.57	--	1.30	0.21	0.14	0.39	0.09	0.34	0.10	0.11	0.11	0.07	0.06	0.04	0.10	0.06	0.07	0.07	0.03	0.03	0.02	0.02	0.02	--	23
8/28/2024	0.07	0.09	0.11	0.21	0.47	0.41	0.23	0.26	0.14	0.15	0.25	0.10	0.07	0.06	0.05	0.06	0.04	0.04	0.03	0.03	0.04	0.03	0.13	0.11	0.13	24
8/29/2024	0.29	0.60	0.50	0.42	0.09	0.05	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.06	0.07	0.06	0.05	0.05	0.05	0.03	0.03	0.02	0.05	0.04	0.12	24
8/30/2024	0.05	0.04	0.04	0.27	0.23	0.20	0.23	0.07	0.06	0.09	0.08	0.08	0.09	0.12	0.10	0.16	0.11	0.12	0.12	0.11	0.09	0.10	0.12	0.22	0.12	24
8/31/2024	0.11	0.23	0.49	0.37	0.11	0.14	0.20	0.11	0.11	0.10	0.12	0.13	0.17	0.15	0.14	0.12	--	0.07	0.07	0.10	0.08	0.07	0.07	0.07	--	23
avg	0.27	0.34	0.32	0.47	0.45	0.28	0.39	0.34	0.33	0.22	0.20	0.25	0.23	0.22	0.25	0.20	0.29	0.35	0.19	0.20	0.27	0.23	0.24	0.23	0.29	
min	0.05	0.04	0.04	0.21	0.09	0.05	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.06	0.04	0.06	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.12	
max	0.69	0.60	0.61	1.30	1.40	0.58	1.16	1.24	1.09	0.45	0.44	0.47	0.51	0.54	0.81	0.53	1.12	1.33	0.55	0.52	0.84	0.79	0.95	0.79	0.55	366

Installed the spare unit on 8/21/24

Saroad Table - Hourly PM2.5 Data
August 2024

Location Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	0.5	24
8/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.21	0.22	0.24	0.32	0.25	4
8/2/2024	0.45	0.51	0.55	0.66	0.60	0.97	1.59	1.96	1.81	1.57	0.98	0.82	0.81	0.59	0.55	0.36	0.33	0.28	0.26	0.25	0.22	0.21	0.22	0.33	0.70	24
8/3/2024	0.33	0.33	0.35	0.30	0.34	0.37	0.32	0.28	0.24	0.22	0.16	0.15	0.18	0.20	0.15	0.08	0.10	0.14	0.19	0.20	0.15	0.55	0.19	0.30	0.24	24
8/4/2024	0.30	0.36	0.57	0.63	0.06	0.29	0.94	0.52	0.40	0.47	0.27	0.13	1.26	0.40	0.98	0.82	0.92	0.96	0.77	1.39	0.90	0.47	0.35	0.36	0.61	24
8/5/2024	0.36	0.62	0.70	0.35	0.45	2.65	0.18	0.26	0.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.71	9
8/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
8/9/2024	--	--	--	--	--	--	--	--	--	--	0.59	0.55	0.51	0.57	0.54	0.52	0.56	0.48	0.48	0.40	0.45	0.52	0.47	0.45	0.51	14
8/10/2024	0.52	0.53	0.53	0.50	0.49	0.50	0.58	0.49	0.59	0.60	0.49	0.48	0.45	0.39	0.30	0.34	0.33	0.35	0.36	0.35	0.29	0.23	0.23	0.23	0.42	24
8/11/2024	0.24	0.40	0.40	0.46	0.52	0.55	0.50	0.46	0.49	0.52	0.44	0.46	0.46	0.45	0.48	0.35	0.76	0.39	0.60	0.61	0.60	0.32	0.36	0.27	0.46	24
8/12/2024	0.31	0.26	0.24	0.28	0.35	0.40	0.82	0.61	0.66	0.72	0.68	0.57	0.57	0.54	0.61	0.69	0.57	0.51	0.46	0.39	0.41	0.48	0.59	0.61	0.51	24
8/13/2024	0.52	0.87	0.77	0.78	0.95	1.00	1.79	2.40	3.49	1.71	1.62	0.83	0.61	0.52	0.49	0.49	0.38	0.42	0.60	0.38	0.52	0.31	0.39	0.28	0.92	24
8/14/2024	0.45	0.89	0.44	0.98	0.52	1.30	2.88	2.69	1.38	0.96	0.66	0.49	1.04	0.87	0.79	0.30	0.92	0.77	0.56	0.52	0.50	0.43	0.54	0.26	0.88	24
8/15/2024	0.49	0.92	0.79	0.58	0.59	1.10	0.29	0.38	1.33	0.39	0.53	0.28	0.54	0.59	0.53	0.33	1.62	0.67	0.75	0.70	0.87	0.45	0.56	0.51	0.66	24
8/16/2024	0.39	0.34	0.36	0.99	3.24	0.84	2.77	1.78	0.74	0.57	0.82	0.56	0.86	0.44	0.85	0.51	1.36	0.61	0.63	0.66	0.70	0.70	1.88	1.23	0.99	24
8/17/2024	1.55	1.48	1.03	0.60	0.72	0.94	1.02	0.94	0.76	1.06	0.63	0.53	0.49	0.48	0.48	0.50	0.56	0.67	0.72	0.76	0.72	0.69	1.97	5.04	1.01	24
8/18/2024	0.81	0.83	1.06	1.16	0.93	1.00	0.98	0.86	0.83	0.45	0.32	0.26	0.23	0.23	0.22	0.24	0.27	0.34	0.43	0.57	0.63	0.36	0.31	0.21	0.56	24
8/19/2024	0.26	0.27	0.29	0.24	0.27	0.36	0.48	0.71	0.55	0.62	0.44	0.38	0.31	0.32	0.36	0.44	0.34	0.48	0.89	0.41	0.29	0.25	0.17	0.25	0.39	24
8/20/2024	0.25	0.24	0.33	0.40	0.38	0.86	1.43	3.36	2.41	0.58	0.65	0.34	0.65	0.61	10.09	3.01	1.24	1.02	0.46	6.30	0.99	0.46	0.42	0.77	1.55	24
8/21/2024	0.71	0.46	1.36	2.10	2.10	4.42	2.01	2.67	1.67	0.86	0.35	0.25	0.49	0.22	0.48	0.32	0.94	1.70	0.55	0.25	1.44	0.27	0.46	0.37	1.10	24
8/22/2024	1.04	0.82	3.15	2.51	0.74	0.26	0.34	1.39	10.39	6.60	5.38	2.76	4.38	3.03	0.68	1.00	0.87	0.35	0.45	0.27	0.35	0.26	0.35	1.68	2.04	24
8/23/2024	2.35	1.07	0.21	2.21	0.43	0.27	0.66	0.49	0.50	0.43	0.51	0.59	0.39	0.41	0.55	1.11	0.51	1.11	0.85	0.34	0.80	0.39	0.32	0.50	0.71	24
8/24/2024	0.49	0.45	0.76	1.23	2.89	0.95	3.23	0.35	0.37	1.40	0.35	0.31	0.38	0.50	0.94	0.15	0.22	0.17	0.36	0.30	0.27	0.30	0.37	0.36	0.71	24
8/25/2024	0.44	0.35	2.59	3.43	2.82	2.35	2.96	1.11	0.33	0.30	0.61	0.24	0.29	0.19	0.26	0.58	0.20	0.28	0.53	0.18	0.14	0.11	0.10	0.13	0.86	24
8/26/2024	0.11	0.10	0.21	0.67	0.13	0.62	0.21	0.12	0.22	0.12	0.16	0.09	0.85	0.20	0.46	0.92	0.47	0.20	0.42	0.25	0.46	0.24	0.17	0.11	0.31	24
8/27/2024	0.20	0.78	0.76	0.66	0.52	0.66	0.72	0.41	0.27	0.34	0.28	0.18	0.48	0.59	2.83	0.28	0.17	0.12	0.69	0.41	0.49	0.38	0.17	0.09	0.52	24
8/28/2024	0.32	0.52	0.51	0.56	0.98	1.44	2.39	1.40	3.19	3.12	1.64	0.33	0.54	0.63	0.82	0.31	0.33	0.19	0.14	0.14	0.09	0.09	0.07	0.13	0.83	24
8/29/2024	0.77	0.44	0.71	0.79	1.12	0.60	1.51	0.56	0.33	0.20	0.13	0.26	0.31	2.45	1.23	0.44	0.13	0.13	0.10	0.12	0.15	0.12	0.09	0.08	0.53	24
8/30/2024	0.30	0.31	0.64	1.30	1.67	0.70	0.77	1.51	1.12	0.79	0.39	--	--	--	--	--	--	--	--	--	--	--	--	--	0.86	11
8/31/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	0.56	0.57	0.77	0.97	0.95	1.02	1.25	1.11	1.39	1.02	0.76	0.49	0.71	0.64	1.07	0.59	0.59	0.51	0.51	0.67	0.51	0.35	0.44	0.60	0.74	
min	0.11	0.10	0.21	0.24	0.06	0.26	0.18	0.12	0.22	0.12	0.13	0.09	0.18	0.19	0.15	0.08	0.10	0.12	0.10	0.12	0.09	0.09	0.07	0.08	0.24	
max	2.35	1.48	3.15	3.43	3.24	4.42	3.23	3.36	10.39	6.60	5.38	2.76	4.38	3.03	10.09	3.01	1.62	1.70	0.89	6.30	1.44	0.70	1.97	5.04	2.04	590

Saroad Table - Hourly PM2.5 Data
September 2024

Location: Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
9/1/2024	3.2	6.2	3.9	4.1	4.1	4.5	4.9	5.3	3.3	2.4	2.3	2.2	2.4	2.8	2.8	2.8	2.4	2.2	1.8	2.4	1.7	0.8	0.7	0.7	2.9	24
9/2/2024	0.6	0.4	0.5	1.2	0.8	0.9	1.2	1.7	1.8	1.3	1.8	2.4	1.9	2.2	2.5	2.4	2.5	2.4	1.5	1.7	2.5	2.4	2.5	3.0	1.8	24
9/3/2024	3.8	4.0	3.6	3.8	4.1	4.8	5.3	6.2	8.6	8.8	8.3	8.6	9.1	8.3	8.0	7.5	7.0	6.2	5.5	5.8	5.4	5.4	5.4	5.5	6.2	24
9/4/2024	5.2	4.7	4.7	4.0	3.8	3.6	3.9	4.1	4.2	4.7	5.4	5.4	5.4	5.3	5.6	6.2	6.1	6.4	6.6	6.4	5.7	5.2	3.9	3.2	5.0	24
9/5/2024	2.7	2.8	2.8	3.2	3.6	3.9	3.6	3.5	3.6	3.7	4.2	4.3	4.5	4.8	4.4	4.4	4.0	3.9	4.5	4.0	3.7	3.9	3.7	3.9	3.8	24
9/6/2024	3.8	3.5	4.0	4.2	4.5	4.5	4.8	4.9	5.0	4.7	4.6	3.8	3.7	4.6	5.1	5.1	5.5	4.6	3.6	4.0	4.6	3.2	2.8	3.6	4.3	24
9/7/2024	3.7	3.8	4.1	3.8	2.1	0.8	0.2	0.9	1.4	1.7	2.6	3.3	2.8	2.7	4.0	5.1	6.2	6.0	6.4	5.8	6.9	6.4	5.5	5.1	3.8	24
9/8/2024	5.1	6.6	6.4	6.0	5.7	6.5	2.0	1.3	2.6	3.3	5.7	5.8	5.0	3.5	3.2	2.9	1.8	1.5	2.2	2.7	2.1	2.2	3.7	4.7	3.9	24
9/9/2024	4.4	3.8	3.9	4.1	3.9	4.0	4.1	4.2	3.9	4.0	4.3	3.5	4.2	4.0	4.4	4.5	4.6	4.9	4.6	4.0	4.3	4.5	4.3	4.3	4.2	24
9/10/2024	5.1	5.2	5.5	5.1	5.1	4.5	5.1	4.9	4.9	4.9	4.8	4.8	4.9	4.4	4.1	3.5	3.1	2.9	2.9	2.8	3.0	2.9	2.7	2.5	4.1	24
9/11/2024	2.8	2.9	2.9	3.4	3.6	3.5	3.3	3.6	3.8	4.0	3.8	3.8	3.7	3.5	3.9	4.6	4.4	4.6	4.7	5.0	5.5	6.1	6.8	7.0	4.2	24
9/12/2024	6.2	6.1	6.0	6.9	6.3	5.5	6.3	6.3	6.3	6.7	7.4	8.0	8.2	8.1	8.0	8.1	8.0	6.4	4.8	5.0	6.3	6.5	6.1	6.1	6.6	24
9/13/2024	5.9	6.2	6.2	7.2	7.8	7.8	7.5	7.6	7.7	7.6	7.4	7.4	6.0	5.5	5.2	5.7	8.6	8.5	10.0	10.5	9.8	10.3	9.5	9.0	7.7	24
9/14/2024	7.8	4.8	2.4	1.7	1.6	1.7	1.7	1.6	1.7	2.4	1.1	1.7	2.4	2.6	3.0	3.0	3.3	3.3	2.7	2.3	2.6	3.7	3.4	2.3	2.7	24
9/15/2024	2.2	1.8	1.5	1.6	1.8	1.8	1.6	2.2	2.9	3.6	3.9	3.6	3.8	4.8	5.3	5.5	4.5	3.8	3.1	2.9	3.8	4.4	4.2	4.0	3.3	24
9/16/2024	4.4	4.8	5.7	6.8	7.5	8.4	9.4	9.5	10.6	10.4	8.2	8.9	8.6	8.5	8.6	7.3	6.6	5.7	5.9	5.4	4.5	4.8	4.3	4.0	7.0	24
9/17/2024	3.8	3.6	4.0	4.5	5.0	5.1	7.2	5.6	5.8	5.4	4.8	5.5	4.9	4.9	5.4	6.0	6.4	6.7	5.1	5.5	5.8	6.0	6.5	6.3	5.4	24
9/18/2024	6.4	6.2	6.4	6.6	6.5	7.4	8.6	18.0	13.7	10.1	9.9	10.4	9.8	5.7	4.4	3.6	2.8	4.5	4.3	4.0	3.8	4.2	4.5	4.6	6.9	24
9/19/2024	4.8	6.1	6.2	5.1	5.3	7.1	7.8	8.2	10.2	7.4	6.9	9.0	10.9	9.6	10.7	9.8	7.3	6.8	5.5	5.6	6.0	6.2	6.5	6.5	7.3	24
9/20/2024	6.1	6.1	5.6	5.8	6.4	7.8	8.3	11.8	12.8	10.7	10.6	10.1	9.3	8.5	8.8	11.3	16.4	5.2	17.5	10.0	3.8	3.6	4.3	4.6	8.6	24
9/21/2024	6.5	5.4	4.4	4.0	4.0	4.1	4.3	5.6	6.2	6.3	6.9	6.9	6.5	6.5	7.7	7.9	8.2	8.7	9.8	7.7	5.6	5.2	5.0	5.5	6.2	24
9/22/2024	15.9	17.2	4.4	4.2	4.3	5.0	5.7	6.2	4.5	5.2	6.7	7.7	8.4	8.8	8.4	7.7	7.0	6.5	4.8	4.0	2.9	3.0	3.6	3.4	6.5	24
9/23/2024	3.1	2.8	3.4	3.8	3.9	3.6	3.2	4.4	5.6	7.9	-	6.8	-	7.4	7.8	6.7	5.5	4.2	4.4	4.7	4.4	4.6	4.8	5.2	4.9	22
9/24/2024	5.3	5.2	5.2	5.2	5.2	5.0	5.5	7.0	6.8	6.8	7.6	8.3	8.1	7.3	6.2	5.9	6.0	5.9	5.6	5.8	5.9	6.0	5.8	5.7	6.1	24
9/25/2024	5.7	5.6	5.5	5.6	6.1	5.1	5.2	4.7	4.7	3.8	1.9	2.8	1.1	3.4	2.9	2.9	3.0	3.0	3.0	3.2	3.6	3.7	3.6	3.5	3.9	24
9/26/2024	3.4	3.1	2.9	3.1	1.8	0.4	1.7	1.8	0.4	0.1	1.2	0.8	1.7	1.6	1.8	2.6	2.5	2.8	4.2	5.2	4.4	5.3	4.2	4.8	2.6	24
9/27/2024	5.3	6.1	6.2	6.4	3.4	1.3	0.9	0.8	1.3	2.2	3.0	3.4	4.2	4.6	4.9	6.0	7.4	8.5	7.4	9.9	18.7	21.4	9.1	8.0	6.3	24
9/28/2024	6.7	6.4	6.7	6.4	6.3	6.5	7.1	7.4	10.4	10.7	8.0	7.0	9.5	8.9	8.1	7.7	6.6	7.2	7.0	7.9	7.3	6.6	5.4	6.9	7.4	24
9/29/2024	7.8	7.4	7.3	7.7	8.5	9.3	9.9	9.0	7.5	6.4	6.4	6.4	6.4	6.9	7.1	6.7	6.6	6.5	6.5	7.2	7.1	5.2	4.6	4.4	7.0	24
9/30/2024	4.9	6.7	8.2	9.3	10.3	11.0	11.7	11.9	8.7	8.3	8.4	7.3	6.3	7.5	8.2	9.3	10.0	10.7	11.4	11.2	7.6	7.5	8.6	9.6	--	24
avg	5.1	5.2	4.7	4.8	4.8	4.9	5.1	5.7	5.7	5.5	5.5	5.7	5.6	5.6	5.7	5.8	5.8	5.4	5.6	5.4	5.3	5.4	4.9	4.9	5.2	
min	0.6	0.4	0.5	1.2	0.8	0.4	0.2	0.8	0.4	0.1	1.1	0.8	1.1	1.6	1.8	2.4	1.8	1.5	1.5	1.7	1.7	0.8	0.7	0.7	1.8	
max	15.9	17.2	8.2	9.3	10.3	11.0	11.7	18.0	13.7	10.7	10.6	10.4	10.9	9.6	10.7	11.3	16.4	10.7	17.5	11.2	18.7	21.4	9.5	9.6	8.6	718

Saroad Table - Hourly PM2.5 Data
September 2024

Location: Carver Village **Equipment**: PurpleAir PM2.5 **Units**: µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
9/1/2024	5.0	4.0	3.8	4.3	5.1	4.6	5.2	4.6	8.8	2.0	2.9	7.2	2.3	3.5	2.7	2.6	2.0	1.4	1.5	1.3	1.2	1.3	1.0	0.7	3.3	24
9/2/2024	0.6	0.5	0.6	0.8	0.9	1.1	3.2	3.1	1.8	1.3	1.8	1.6	1.9	1.9	2.3	1.9	2.0	1.5	1.3	1.6	3.1	3.1	3.2	3.4	1.8	24
9/3/2024	4.5	4.8	4.3	3.9	4.1	4.2	6.5	7.6	9.8	10.0	9.6	9.6	9.9	10.4	8.8	8.3	7.5	7.1	6.4	6.6	6.7	6.2	6.2	6.3	7.0	24
9/4/2024	5.8	5.2	4.9	4.7	4.6	4.6	6.0	4.8	4.9	5.5	5.5	5.8	6.0	6.2	7.1	6.8	6.7	7.3	7.3	6.5	6.4	6.0	5.2	4.0	5.7	24
9/5/2024	3.3	3.3	3.2	3.2	4.0	4.3	4.5	4.1	4.1	3.7	4.7	4.7	5.3	5.4	4.9	3.9	4.0	3.5	3.2	3.1	4.7	4.1	4.2	4.2	4.1	24
9/6/2024	4.4	4.9	4.3	4.8	5.2	5.3	5.2	5.4	5.5	5.6	5.5	3.4	3.8	5.1	5.7	6.5	4.8	4.7	3.7	5.5	5.9	5.9	4.6	5.1	5.0	24
9/7/2024	5.3	6.0	5.0	4.6	3.3	0.9	0.1	0.5	1.9	2.3	3.5	7.0	4.7	3.2	3.4	4.8	6.2	6.6	7.0	8.9	6.6	5.7	5.5	4.8	4.5	24
9/8/2024	5.0	5.1	7.6	8.3	7.9	4.8	1.4	1.5	2.6	3.5	5.1	7.3	7.2	4.3	3.5	2.7	1.6	1.8	2.5	2.8	2.6	2.5	3.1	4.9	4.1	24
9/9/2024	5.1	4.7	4.5	4.5	4.7	4.3	4.2	4.3	4.6	4.7	4.9	3.8	4.1	4.2	4.5	4.1	4.4	4.4	3.9	4.0	3.8	3.9	5.5	6.3	4.5	24
9/10/2024	6.0	5.8	6.0	5.5	5.5	5.1	5.5	5.3	4.9	4.7	4.8	4.6	4.3	3.5	3.4	3.2	3.0	3.0	2.9	2.7	2.8	2.9	3.4	3.1	4.2	24
9/11/2024	3.1	3.0	3.0	3.4	3.4	3.5	3.5	4.1	3.7	4.0	3.6	3.8	3.5	3.5	4.1	4.2	4.5	4.8	5.0	5.2	6.0	6.8	8.1	8.3	4.4	24
9/12/2024	8.3	7.3	7.1	7.6	7.4	6.4	6.6	6.8	6.9	7.5	8.4	8.7	9.1	9.7	8.6	8.4	8.2	6.7	5.4	5.5	7.1	6.9	6.7	7.4	7.4	24
9/13/2024	8.6	7.5	8.1	10.1	11.4	11.2	9.0	8.8	8.3	8.4	8.1	8.0	6.2	5.7	5.7	6.0	8.5	8.9	11.3	10.9	10.9	11.4	11.0	10.1	8.9	24
9/14/2024	8.6	6.3	3.9	2.2	3.3	2.9	3.1	2.1	1.7	3.0	0.8	1.3	2.2	2.4	3.3	3.5	2.9	2.9	2.5	2.9	3.0	3.6	3.9	2.8	3.1	24
9/15/2024	2.2	2.0	1.9	2.1	2.2	2.2	1.9	2.3	3.0	3.8	4.2	3.6	4.0	4.9	5.5	5.6	4.7	3.8	3.1	3.2	4.1	4.5	4.7	4.6	3.5	24
9/16/2024	4.7	5.3	6.5	7.4	8.9	10.6	11.5	10.5	10.1	9.7	8.9	9.4	9.8	9.2	9.1	8.5	7.1	6.2	6.3	5.7	5.0	5.3	5.2	5.0	7.8	24
9/17/2024	4.4	4.2	4.8	5.5	5.9	5.9	6.2	7.4	5.8	5.1	4.2	4.3	4.9	5.2	6.8	6.6	7.6	5.7	6.3	6.5	7.0	8.4	7.9	7.1	6.0	24
9/18/2024	6.9	6.7	5.9	6.1	7.3	9.0	9.8	13.1	11.7	9.9	9.9	10.3	7.0	5.4	5.0	4.4	2.0	3.5	5.2	6.2	6.9	6.2	6.7	6.4	7.1	24
9/19/2024	6.4	7.5	9.6	10.4	10.5	11.4	13.1	15.5	13.1	10.1	6.9	8.7	11.2	9.0	10.3	7.3	6.8	6.0	6.5	6.4	6.7	14.6	13.0	11.8	9.7	24
9/20/2024	10.4	7.9	8.2	8.9	10.0	10.5	11.9	19.4	17.2	12.5	11.1	10.5	10.0	10.1	10.4	10.6	6.8	4.4	3.3	2.9	3.2	3.2	3.6	3.8	8.8	24
9/21/2024	4.4	4.3	5.8	6.5	7.6	8.2	8.0	6.1	6.3	6.4	6.9	7.1	7.1	7.9	7.7	7.8	7.7	7.5	7.6	5.5	4.2	4.7	4.4	4.5	6.4	24
9/22/2024	4.3	4.1	4.8	5.9	6.4	6.8	6.7	6.3	4.0	5.0	7.3	8.0	9.0	9.0	8.0	7.6	7.2	6.7	4.6	3.8	3.0	3.0	3.0	3.3	5.7	24
9/23/2024	3.1	3.3	3.2	3.3	3.4	4.1	4.2	4.7	3.6	3.5	4.1	6.5	6.6	7.8	6.8	6.3	5.2	4.5	5.1	5.0	4.8	5.1	5.4	5.6	4.8	24
9/24/2024	5.7	5.9	5.5	6.6	7.1	6.9	7.9	8.5	7.8	8.0	8.6	8.5	9.1	8.1	6.8	6.9	6.6	6.5	6.5	7.2	7.9	6.7	6.6	6.2	7.2	24
9/25/2024	6.0	6.5	7.0	7.7	9.0	6.6	5.2	3.7	3.7	3.4	1.4	1.2	1.2	2.5	3.2	3.4	3.3	3.2	3.4	3.5	3.8	3.8	3.8	3.9	4.2	24
9/26/2024	3.8	3.6	3.3	3.0	1.9	1.0	1.8	1.9	1.1	0.2	1.0	1.2	1.7	2.0	2.3	2.9	2.4	3.0	5.0	6.0	6.0	7.5	6.8	6.7	3.2	24
9/27/2024	7.9	9.9	10.1	9.7	5.8	2.6	1.8	1.3	1.9	2.4	3.1	3.9	4.7	5.3	5.7	6.3	6.4	8.9	11.7	10.0	10.5	8.6	8.4	9.1	6.5	24
9/28/2024	7.5	6.4	6.4	6.7	6.6	6.8	7.4	7.4	7.6	8.8	8.6	7.8	8.7	8.6	8.4	7.2	6.2	8.1	8.8	13.9	41.8	12.6	8.4	7.4	9.5	24
9/29/2024	8.3	8.2	8.0	8.5	9.2	10.1	10.5	10.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1	8
9/30/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
avg	5.5	5.3	5.4	5.7	5.9	5.7	5.9	6.3	5.9	5.5	5.6	6.0	5.9	5.9	5.9	5.7	5.2	5.1	5.3	5.5	6.6	5.9	5.7	5.6	5.8	
min	0.6	0.5	0.6	0.8	0.9	0.9	0.1	0.5	1.1	0.2	0.8	1.2	1.2	1.9	2.3	1.9	1.6	1.4	1.3	1.3	1.2	1.3	1.0	0.7	1.8	
max	10.4	9.9	10.1	10.4	11.4	11.4	13.1	19.4	17.2	12.5	11.1	10.5	11.2	10.4	10.4	10.6	8.5	8.9	11.7	13.9	41.8	14.6	13.0	11.8	9.7	680

Saroad Table - Hourly PM2.5 Data
September 2024

Location: Woodville **Equipment**: PurpleAir PM2.5 **Units**: µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
9/1/2024	7.7	4.3	3.9	3.9	3.9	4.1	4.0	4.3	2.6	2.2	2.0	1.9	2.0	2.2	2.3	2.0	3.0	1.5	3.9	13.3	6.9	4.4	0.5	0.3	3.6	24
9/2/2024	0.3	0.3	0.9	0.7	1.0	1.1	1.2	1.9	2.2	1.7	2.3	2.2	1.5	1.8	2.5	2.1	2.1	1.6	1.3	1.8	3.5	3.3	3.3	4.0	1.9	24
9/3/2024	5.5	5.2	4.7	4.0	4.0	4.8	6.6	7.8	9.4	10.2	9.7	9.3	10.5	9.6	9.3	8.2	8.0	7.2	6.6	6.2	6.1	6.0	6.7	6.8	7.2	24
9/4/2024	5.7	5.3	5.1	5.6	5.7	4.9	5.2	5.2	5.1	5.6	5.0	5.5	5.6	6.2	6.6	6.7	8.0	7.0	7.3	7.3	7.8	7.3	5.1	4.4	6.0	24
9/5/2024	3.9	3.7	4.1	4.3	4.1	4.1	3.8	4.0	4.4	4.2	6.9	7.4	6.3	6.0	5.3	4.3	5.2	4.0	3.0	4.7	5.3	4.8	5.4	4.5	4.7	24
9/6/2024	4.9	4.7	4.3	5.9	5.1	5.1	5.1	5.4	5.7	5.8	5.6	4.1	4.3	5.8	5.9	6.8	8.0	4.5	3.6	5.2	4.5	4.1	4.4	4.7	5.1	24
9/7/2024	5.4	5.2	4.7	4.6	2.8	0.7	0.1	0.5	1.7	1.7	3.6	5.5	3.8	3.0	3.6	4.9	6.3	6.2	6.8	7.1	7.4	5.7	5.1	5.3	4.2	24
9/8/2024	5.9	6.4	8.4	8.4	8.3	5.9	0.9	1.2	3.2	5.4	5.4	6.7	6.7	4.5	4.0	2.3	1.9	2.5	2.8	3.4	2.5	3.0	4.1	6.1	4.6	24
9/9/2024	5.0	5.0	4.5	4.9	4.7	4.3	4.1	4.1	4.3	5.2	4.1	4.2	4.6	4.3	4.5	4.8	4.5	4.5	3.9	3.9	3.6	5.0	7.4	8.5	4.7	24
9/10/2024	8.4	5.9	7.0	6.7	5.4	6.6	6.1	5.4	5.8	6.2	6.4	5.5	5.1	4.0	3.8	3.4	3.5	3.5	3.8	3.7	3.7	4.0	4.0	5.0	5.1	24
9/11/2024	4.7	5.5	5.4	5.0	6.8	4.3	4.1	4.7	5.0	4.8	4.9	4.3	3.8	4.1	4.5	4.9	4.9	5.1	5.6	7.0	6.7	7.7	9.0	9.8	5.5	24
9/12/2024	10.6	9.1	8.6	8.4	8.5	8.9	9.4	8.0	7.5	8.2	9.3	9.5	11.0	9.7	9.5	9.7	8.8	7.1	5.7	6.5	7.4	7.1	7.6	8.5	8.5	24
9/13/2024	9.6	10.0	9.8	8.9	9.5	9.5	9.7	10.2	9.6	9.1	8.5	8.1	8.2	6.5	6.1	6.5	13.1	10.7	14.3	12.6	14.6	14.1	12.3	11.8	10.1	24
9/14/2024	9.3	5.3	2.7	2.3	1.8	2.2	1.7	2.8	2.1	2.7	1.2	1.8	2.7	2.6	3.1	3.5	3.2	3.1	3.1	3.1	4.9	5.5	4.7	3.4	3.3	24
9/15/2024	4.7	3.0	2.0	2.0	2.5	2.8	2.5	2.9	3.3	4.4	5.4	4.2	4.5	5.4	6.3	5.8	5.1	4.2	4.1	3.6	4.8	5.1	4.9	5.2	4.1	24
9/16/2024	6.1	6.1	7.0	8.0	9.7	10.1	11.3	10.8	10.8	11.3	11.4	10.8	10.1	9.1	9.6	8.3	7.4	6.6	6.0	5.4	5.1	5.4	4.9	4.5	8.2	24
9/17/2024	4.4	4.1	4.8	5.5	6.9	6.2	6.8	8.4	7.8	5.8	4.9	6.8	5.1	5.1	5.6	6.0	5.9	5.5	6.0	6.4	7.5	7.4	8.5	8.4	6.2	24
9/18/2024	8.9	10.2	8.9	7.6	7.4	8.6	10.6	15.8	12.4	10.5	9.9	11.1	8.8	5.4	4.9	4.6	2.4	-	6.9	7.5	10.4	8.9	9.9	10.9	8.8	23
9/19/2024	9.1	7.8	7.8	8.6	8.6	12.1	11.9	15.6	13.6	10.6	7.8	10.5	11.7	9.0	10.9	8.3	6.8	5.8	6.2	11.8	7.8	7.4	7.7	7.7	9.4	24
9/20/2024	9.9	8.4	7.7	7.6	9.3	11.9	14.8	19.2	14.6	12.5	11.8	11.0	10.3	10.0	10.4	11.6	6.9	4.5	5.7	10.2	3.9	4.7	4.7	3.6	9.4	24
9/21/2024	4.4	4.2	5.4	5.9	6.3	6.0	6.9	9.3	7.9	7.5	7.5	7.5	7.6	7.2	7.4	7.7	7.6	7.5	7.6	5.5	4.0	3.4	4.6	4.8	6.4	24
9/22/2024	4.6	4.7	5.0	4.8	5.1	6.1	7.0	7.0	5.2	6.1	7.7	8.1	8.9	8.8	8.1	7.5	6.9	6.1	4.5	3.0	3.0	2.7	2.7	3.8	5.7	24
9/23/2024	3.0	3.0	3.0	3.1	3.5	3.9	3.4	4.0	3.5	4.5	-	-	-	-	-	-	-	-	5.0	4.4	4.7	4.9	5.2	5.6	4.0	16
9/24/2024	5.6	6.0	6.0	7.4	8.6	7.4	7.7	7.9	7.8	8.0	9.1	9.1	9.2	7.6	6.4	6.1	6.2	6.0	5.7	5.9	7.0	6.6	6.2	6.1	7.1	24
9/25/2024	6.4	6.2	6.2	6.9	7.7	7.5	6.1	4.6	4.0	3.4	1.6	1.2	1.2	1.8	-	-	-	-	-	-	-	-	-	-	4.6	14
9/26/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.3	5.6	5.3	6.4	5.8	5.8	5.7	6
9/27/2024	6.9	8.2	8.9	9.1	6.4	-	-	-	0.9	1.7	3.6	3.9	4.4	4.7	4.9	5.7	6.5	6.7	7.7	9.3	8.8	7.3	7.4	7.1	6.2	21
9/28/2024	6.7	6.1	6.1	6.5	5.8	6.2	6.9	7.1	7.0	7.2	7.7	7.4	7.7	7.7	7.8	7.2	5.8	7.2	6.9	7.8	7.4	6.1	-	-	6.9	22
9/29/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
9/30/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
avg	6.2	5.7	5.7	5.8	5.9	6.0	6.1	6.9	6.2	6.2	6.3	6.4	6.4	5.9	6.1	6.0	5.9	5.4	5.5	6.4	6.1	5.9	5.8	6.0	6.0	
min	0.3	0.3	0.9	0.7	1.0	0.7	0.1	0.5	0.9	1.7	1.2	1.2	1.2	1.8	2.3	2.0	1.9	1.5	1.3	1.8	2.5	2.7	0.5	0.3	1.9	
max	10.6	10.2	9.8	9.1	9.7	12.1	14.8	19.2	14.6	12.5	11.8	11.1	11.7	10.0	10.9	11.6	13.1	10.7	14.3	13.3	14.6	14.1	12.3	11.8	10.1	630

Saroad Table - Hourly PM2.5 Data
September 2024

Location: GA DNR **Equipment**: PurpleAir PM2.5 **Units**: µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
9/1/2024	5.6	4.9	4.6	4.3	4.3	5.0	5.6	4.5	2.9	2.7	2.7	2.8	3.0	3.0	3.3	3.2	2.8	2.4	1.9	1.9	1.3	1.4	1.2	1.1	3.2	24
9/2/2024	1.0	1.5	1.1	1.8	2.4	2.6	1.5	4.5	4.5	2.0	3.0	2.5	1.8	2.3	3.0	2.6	2.6	2.4	1.5	2.4	3.4	5.7	5.3	6.5	2.8	24
9/3/2024	6.6	9.0	10.4	8.8	8.5	7.3	8.4	9.0	10.7	10.3	10.0	9.9	10.1	9.8	9.2	9.0	8.5	8.4	8.8	8.5	7.9	7.9	9.1	9.5	9.0	24
9/4/2024	7.7	7.4	7.3	7.0	6.8	4.8	5.4	5.4	5.6	5.6	6.3	6.4	6.1	6.5	7.4	7.2	7.5	8.3	8.2	8.4	8.6	9.3	7.1	5.4	6.9	24
9/5/2024	6.8	5.2	4.1	4.6	5.9	6.6	5.9	5.9	6.0	6.5	6.5	6.6	6.1	5.8	4.7	4.8	4.4	3.6	3.3	4.8	7.8	7.7	9.3	7.1	5.8	24
9/6/2024	7.7	6.0	8.0	7.3	8.5	8.3	8.0	8.6	7.6	6.9	6.9	4.1	4.5	6.1	9.0	10.1	7.8	7.4	5.7	5.2	6.0	5.4	4.9	5.5	6.9	24
9/7/2024	5.6	5.4	5.6	5.2	3.9	1.7	0.9	1.4	2.6	3.0	4.9	7.8	4.9	3.6	4.1	5.3	6.8	6.6	6.9	8.0	7.4	6.0	5.8	5.5	5.0	24
9/8/2024	5.8	6.4	12.8	11.5	8.7	5.7	1.8	2.3	4.1	5.7	10.0	9.9	10.9	6.8	5.4	4.7	3.8	4.2	5.5	5.5	5.1	6.1	7.6	9.8	6.7	24
9/9/2024	9.2	7.9	7.8	8.1	7.9	7.5	6.7	6.6	6.7	6.1	5.4	4.9	4.8	4.4	4.7	4.9	5.0	4.8	4.0	4.1	4.4	5.8	4.9	6.6	6.0	24
9/10/2024	7.3	8.4	8.4	7.8	8.4	11.3	11.2	7.4	6.5	5.6	5.2	5.2	4.8	4.1	3.9	3.3	3.5	3.0	3.1	3.3	3.2	3.5	3.8	4.4	5.7	24
9/11/2024	4.7	5.4	9.2	6.0	5.1	5.1	5.8	5.4	6.1	4.5	4.2	4.0	3.5	3.6	4.0	4.5	4.5	4.9	5.1	6.0	6.4	7.2	8.4	9.0	5.5	24
9/12/2024	8.9	7.7	7.2	8.5	8.5	7.4	7.1	6.9	7.1	7.9	8.6	8.8	9.1	9.0	9.2	9.3	8.7	6.9	5.8	5.7	7.0	6.7	6.7	7.4	7.8	24
9/13/2024	11.0	10.5	12.6	10.0	10.7	11.3	11.7	12.1	11.4	9.3	8.6	8.9	7.0	6.0	6.8	7.6	10.4	11.6	12.9	13.4	15.5	13.3	14.3	11.7	10.8	24
9/14/2024	9.4	6.2	3.8	3.3	3.1	2.7	2.7	4.8	3.6	3.4	1.2	1.7	2.5	2.5	2.8	3.3	3.0	2.7	2.7	3.1	3.9	6.2	5.2	4.3	3.7	24
9/15/2024	5.3	3.7	3.1	3.9	5.0	4.4	3.7	4.3	4.2	4.4	4.8	3.6	4.0	5.1	5.8	5.8	5.5	4.8	4.3	4.1	5.0	5.3	5.6	5.6	4.6	24
9/16/2024	7.1	6.7	8.4	9.8	10.7	10.0	10.8	10.4	11.4	10.6	10.2	9.2	8.8	9.2	9.5	8.4	7.3	6.8	6.9	6.0	5.4	5.9	5.6	5.4	8.3	24
9/17/2024	4.9	4.7	5.3	6.2	6.7	6.6	6.9	7.8	7.6	5.6	5.0	5.3	5.5	5.7	6.3	6.6	6.6	5.4	5.6	6.5	7.0	7.6	7.6	7.5	6.3	24
9/18/2024	7.4	6.9	6.4	7.0	8.8	10.5	11.3	11.9	12.3	10.6	10.0	10.4	7.8	5.3	5.5	4.1	1.2	3.3	5.2	5.9	6.2	6.8	7.7	7.6	7.5	24
9/19/2024	7.2	8.9	7.8	8.4	11.0	15.1	12.9	15.2	11.2	9.3	7.4	8.7	9.6	8.8	10.2	8.9	7.3	6.6	6.5	6.6	7.1	7.5	8.0	8.3	9.1	24
9/20/2024	9.2	8.8	9.1	10.4	10.4	11.6	14.0	18.8	14.3	12.9	12.1	11.2	10.2	10.3	11.2	11.6	7.3	4.7	3.9	3.6	3.2	3.6	3.8	3.8	9.2	24
9/21/2024	4.1	4.9	7.3	7.1	8.5	8.0	8.6	11.9	7.3	6.7	7.4	7.2	7.4	7.5	7.8	7.9	8.0	7.9	7.8	5.9	4.3	3.8	4.3	4.6	6.9	24
9/22/2024	5.7	5.2	5.4	5.3	6.1	6.8	6.9	6.5	5.3	8.2	8.0	8.2	9.0	9.0	8.2	7.6	7.5	6.6	4.8	3.9	3.2	3.1	3.2	4.1	6.2	24
9/23/2024	3.6	3.7	3.9	3.6	3.8	4.4	4.1	4.1	4.3	3.7	-	-	-	-	-	-	-	-	5.3	5.3	5.0	5.3	5.8	5.8	4.5	16
9/24/2024	5.9	6.1	5.8	6.2	6.7	7.2	9.4	8.2	7.4	7.5	8.9	8.3	8.2	7.4	6.7	6.7	6.9	6.4	6.0	6.5	6.8	6.8	6.6	6.3	7.0	24
9/25/2024	6.1	6.0	6.5	6.6	8.4	6.5	4.8	4.2	4.3	3.6	2.3	2.0	0.1	1.8	3.0	3.4	3.3	3.2	3.4	3.6	3.7	3.6	3.6	4.0	4.1	24
9/26/2024	3.8	3.5	3.1	2.8	1.4	0.1	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.1	1.7	2.9	2.4	2.9	4.9	5.5	5.2	5.8	5.0	5.3	2.4	24
9/27/2024	6.4	8.0	8.6	8.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	4
9/28/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
9/29/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
9/30/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
avg	6.4	6.3	6.8	6.7	6.9	6.9	6.8	7.3	6.7	6.2	6.4	6.3	6.0	5.8	6.1	6.1	5.7	5.4	5.4	5.5	5.8	6.0	6.2	6.2	6.3	
min	1.0	1.5	1.1	1.8	1.4	0.1	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.1	1.7	2.6	1.2	2.4	1.5	1.9	1.3	1.4	1.2	1.1	2.4	
max	11.0	10.5	12.8	11.5	11.0	15.1	14.0	18.8	14.3	12.9	12.1	11.2	10.9	10.3	11.2	11.6	10.4	11.6	12.9	13.4	15.5	13.3	14.3	11.7	10.8	620

Saroad Table - Hourly PM2.5 Data
September 2024

Location: West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
9/1/2024	5.3	4.2	10.4	7.7	6.6	9.5	5.3	4.5	2.7	2.7	2.9	2.9	3.1	3.1	3.0	2.7	2.5	2.2	2.3	2.1	1.7	1.4	1.2	1.3	3.8	24
9/2/2024	1.2	1.2	1.3	1.1	2.1	8.2	3.4	4.1	2.4	5.5	3.4	2.5	1.8	2.2	2.6	2.4	2.4	2.6	1.9	1.9	3.1	3.4	3.4	3.9	2.8	24
9/3/2024	5.0	5.3	4.9	4.2	4.4	4.5	6.7	8.0	9.6	10.4	10.1	9.7	9.7	9.4	8.8	8.2	7.8	7.2	6.5	7.4	7.0	6.3	6.4	6.4	7.2	24
9/4/2024	5.9	5.6	5.1	5.0	4.8	4.7	5.4	4.9	4.9	5.3	5.6	5.9	7.7	6.9	6.9	7.0	7.0	7.3	7.3	6.8	6.8	6.1	5.1	3.7	5.9	24
9/5/2024	3.2	3.2	3.2	3.4	4.1	4.5	4.2	4.2	4.0	4.0	4.9	5.0	5.4	5.5	4.9	4.5	4.4	3.7	3.3	3.9	4.8	4.4	4.5	4.5	4.2	24
9/6/2024	4.7	4.8	4.3	5.2	5.3	5.4	5.4	5.5	5.7	5.6	5.6	4.1	4.6	5.2	5.8	6.5	5.6	4.8	3.4	4.6	4.7	4.4	4.6	5.6	5.1	24
9/7/2024	6.0	6.4	7.2	7.3	5.6	2.3	0.9	1.4	3.8	2.0	5.4	8.2	6.0	3.7	4.5	5.7	7.5	6.9	7.5	9.1	7.4	7.3	5.9	5.5	5.6	24
9/8/2024	5.8	6.0	9.6	8.4	7.7	5.3	1.8	2.2	3.5	4.3	6.0	7.6	7.1	4.7	4.2	3.2	2.2	2.4	3.0	3.5	3.1	3.1	3.8	5.6	4.7	24
9/9/2024	5.1	5.0	4.8	5.1	5.2	4.4	4.4	4.6	5.8	4.8	4.9	5.0	4.3	4.8	5.3	4.9	5.0	4.7	4.2	4.1	4.0	5.2	5.7	6.7	4.9	24
9/10/2024	6.4	6.9	6.4	5.8	6.1	6.4	5.2	4.9	5.2	5.6	5.5	5.4	4.9	4.3	4.1	4.5	4.7	3.6	3.4	3.3	3.7	4.0	4.0	3.5	4.9	24
9/11/2024	3.1	3.2	3.4	3.5	3.6	3.7	3.4	4.1	3.9	4.5	4.5	4.5	4.0	4.1	4.7	5.1	5.1	5.2	5.3	5.8	6.3	7.1	8.5	8.7	4.8	24
9/12/2024	8.2	8.0	7.4	7.5	7.3	6.5	6.6	6.6	6.9	7.9	13.2	9.0	9.8	9.0	9.0	9.2	8.2	6.3	5.2	5.6	6.7	6.5	6.6	7.2	7.7	24
9/13/2024	7.6	7.3	7.8	9.4	8.8	8.5	8.5	8.5	8.5	8.1	8.2	7.9	6.3	5.9	6.1	6.4	9.0	9.3	10.8	11.2	11.0	11.6	11.2	10.1	8.7	24
9/14/2024	8.5	4.7	3.5	2.2	2.2	2.3	2.1	2.3	2.0	2.5	1.4	2.0	2.8	2.9	3.3	3.7	3.2	3.1	2.8	2.9	3.4	3.8	4.6	3.0	3.1	24
9/15/2024	2.6	2.2	2.0	2.2	2.5	2.3	2.0	2.7	3.4	4.1	4.6	4.1	4.4	5.2	5.8	5.8	4.8	4.1	3.4	3.6	4.4	4.7	4.7	4.7	3.8	24
9/16/2024	4.9	5.5	6.7	7.5	8.7	9.7	10.9	10.4	10.7	9.8	9.1	9.6	9.4	9.4	10.2	8.7	7.9	7.3	7.8	7.1	6.7	6.3	5.7	5.2	8.1	24
9/17/2024	4.9	4.8	5.3	5.8	6.1	6.4	7.4	9.0	7.7	6.2	5.4	5.3	5.4	5.6	5.9	6.4	6.3	5.6	5.8	6.3	6.9	7.7	8.3	7.4	6.3	24
9/18/2024	9.2	10.7	8.4	6.6	7.6	9.2	10.4	12.7	12.4	10.3	10.0	10.4	7.3	5.5	5.4	4.4	2.7	4.1	5.5	6.0	6.3	6.6	7.5	7.0	7.8	24
9/19/2024	7.1	7.7	8.1	8.0	9.2	11.0	12.7	13.4	12.6	7.5	7.3	8.7	9.3	9.2	10.4	8.4	6.9	7.0	7.1	6.9	6.7	6.8	7.6	8.2	8.7	24
9/20/2024	8.2	8.3	9.3	8.4	10.2	11.2	15.2	18.2	13.5	12.2	11.5	10.9	10.2	10.9	12.0	11.8	7.1	4.8	4.4	3.9	3.3	3.7	4.0	4.2	9.1	24
9/21/2024	4.8	5.0	5.4	6.6	6.4	6.5	6.2	6.6	6.8	7.3	7.5	7.8	7.6	7.8	8.1	8.2	8.2	8.3	8.2	6.0	5.7	3.8	4.4	4.9	6.6	24
9/22/2024	5.2	6.3	5.9	5.5	5.8	7.0	7.2	8.8	10.7	6.6	9.0	8.5	9.3	9.5	8.5	7.7	7.6	7.0	4.8	3.7	3.4	3.3	3.3	3.8	6.6	24
9/23/2024	3.5	3.8	3.5	3.6	3.8	4.4	4.8	4.6	4.0	4.2	5.1	7.4	7.7	7.7	7.1	6.3	5.7	5.0	5.5	5.3	5.2	5.5	5.8	6.1	5.2	24
9/24/2024	6.0	6.3	6.0	6.2	6.8	7.3	8.3	8.7	8.1	9.3	9.2	9.0	8.5	7.7	6.9	6.8	6.9	6.7	6.7	6.7	7.3	6.8	6.4	6.3	7.3	24
9/25/2024	5.8	5.8	6.0	6.3	6.9	5.2	4.6	4.5	4.7	4.4	2.2	2.2	1.8	3.3	3.7	3.7	3.7	3.7	3.9	4.4	4.2	4.1	4.1	4.2	4.3	24
9/26/2024	4.0	3.8	3.5	3.2	1.9	1.2	1.6	2.0	1.2	0.5	2.1	1.5	1.9	2.0	2.4	3.0	2.7	3.1	5.0	5.4	5.0	5.5	5.0	4.9	3.0	24
9/27/2024	5.4	6.5	6.7	6.6	4.3	2.1	1.6	1.4	2.0	2.8	3.7	4.4	4.9	5.3	5.8	6.3	6.8	7.5	14.2	14.8	9.8	8.8	9.4	8.8	6.2	24
9/28/2024	7.4	6.7	6.5	6.7	6.7	6.7	7.3	7.5	7.5	8.8	9.1	8.7	9.0	9.0	8.3	7.3	6.5	8.1	8.3	9.3	9.7	6.7	6.0	7.2	7.7	24
9/29/2024	8.4	8.2	8.0	8.6	9.2	9.7	10.1	9.8	8.6	7.5	8.4	8.6	8.8	8.7	7.4	7.9	9.0	10.9	10.7	9.6	8.9	6.1	5.6	5.0	8.5	24
9/30/2024	5.5	7.0	10.1	10.0	10.8	11.7	12.2	11.9	10.3	9.4	9.0	9.4	8.3	7.8	8.5	9.1	10.4	11.9	9.9	7.3	7.6	7.6	6.8	7.5	9.2	24
avg	5.6	5.7	6.0	5.9	6.0	6.3	6.2	6.6	6.4	6.1	6.5	6.5	6.4	6.2	6.3	6.2	5.9	5.8	5.9	5.9	5.8	5.6	5.7	5.7	6.1	
min	1.2	1.2	1.3	1.1	1.9	1.2	0.9	1.4	1.2	0.5	1.4	1.5	1.8	2.0	2.4	2.4	2.2	2.2	1.9	1.9	1.7	1.4	1.2	1.3	2.8	
max	9.2	10.7	10.4	10.0	10.8	11.7	15.2	18.2	13.5	12.2	13.2	10.9	10.2	10.9	12.0	11.8	10.4	11.9	14.2	14.8	11.0	11.6	11.2	10.1	9.2	720

Saroad Table - Hourly PM2.5 Data
September 2024

Location: Brickyard **Equipment**: PurpleAir PM2.5 **Units**: µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
9/1/2024	2.5	2.7	3.0	3.0	3.1	3.2	3.3	3.3	1.9	2.0	2.1	2.1	2.3	2.4	2.0	1.7	1.5	1.4	1.5	1.2	1.0	0.8	0.7	0.6	2.1	24
9/2/2024	0.5	0.5	0.4	0.5	0.5	0.7	1.0	2.1	1.5	1.1	2.0	1.7	1.5	1.7	1.7	1.5	1.5	1.5	1.3	1.3	2.5	2.6	2.8	3.2	1.5	24
9/3/2024	4.1	4.7	4.4	4.0	3.8	4.0	6.2	7.7	9.2	9.4	8.8	9.0	9.3	8.7	8.8	7.9	7.3	6.6	5.6	5.5	5.8	6.1	5.9	6.0	6.6	24
9/4/2024	5.5	5.1	4.7	4.4	4.2	4.1	4.9	5.4	4.6	5.0	5.1	5.5	5.7	5.9	6.4	6.5	6.4	6.5	6.7	6.1	6.0	5.8	4.7	3.2	5.4	24
9/5/2024	3.0	3.0	3.0	3.3	3.7	4.2	3.9	3.9	4.0	4.1	4.8	4.6	4.8	4.7	4.3	3.7	3.8	3.4	3.2	2.9	4.8	4.3	4.5	4.5	3.9	24
9/6/2024	4.7	4.4	4.3	4.6	5.0	5.2	5.2	6.2	5.7	5.6	5.0	3.3	3.7	4.6	5.8	7.1	4.9	4.4	2.9	3.8	4.3	3.9	3.5	4.1	4.7	24
9/7/2024	4.5	4.8	6.7	6.5	5.2	1.6	0.2	0.9	2.8	1.4	3.9	7.9	7.1	3.2	3.7	4.7	7.5	6.8	6.6	8.5	7.1	5.8	5.7	5.1	4.9	24
9/8/2024	5.0	5.1	7.4	7.8	7.1	4.1	1.2	1.6	2.9	3.4	5.1	7.2	7.1	4.3	3.8	2.6	1.8	2.1	2.6	3.0	2.6	2.3	3.4	4.9	4.1	24
9/9/2024	5.1	4.5	4.5	4.4	4.3	4.2	4.3	4.4	4.4	4.6	4.4	3.9	3.9	4.2	4.4	4.2	4.3	4.2	3.9	3.9	3.8	3.9	5.3	5.4	4.4	24
9/10/2024	5.7	6.3	6.2	5.5	4.8	4.7	4.7	4.9	5.0	4.9	5.0	4.7	4.1	4.1	3.5	3.2	2.9	2.9	3.0	3.1	2.9	3.0	3.8	3.0	4.2	24
9/11/2024	2.7	2.6	3.0	2.9	3.0	3.3	3.5	4.5	4.3	4.0	3.6	4.1	3.9	4.2	4.6	4.4	4.5	4.9	4.8	5.1	6.1	6.9	8.1	8.1	4.5	24
9/12/2024	7.8	7.1	7.2	7.3	6.9	6.2	6.4	6.8	6.6	7.3	8.1	8.4	8.9	8.8	8.7	8.5	8.7	6.9	5.6	5.4	7.2	6.6	6.3	7.0	7.3	24
9/13/2024	7.8	7.5	7.9	8.0	8.4	8.6	8.7	8.5	8.1	7.8	8.2	7.9	6.3	5.7	5.7	6.9	8.3	8.6	10.6	11.0	11.4	10.9	10.8	10.5	8.5	24
9/14/2024	8.4	4.9	3.0	2.0	1.7	1.9	1.6	1.8	1.6	2.1	0.9	1.4	2.3	2.7	3.3	3.6	2.9	3.1	3.1	2.3	2.6	3.1	3.6	2.6	2.8	24
9/15/2024	2.3	2.0	1.5	1.8	2.1	2.2	1.8	2.5	3.0	3.6	4.0	3.6	3.9	4.9	5.2	5.1	4.1	3.6	3.0	3.3	4.2	4.5	4.7	4.6	3.4	24
9/16/2024	4.8	5.3	6.3	7.2	8.6	8.9	9.8	9.7	9.7	9.4	8.9	8.5	8.5	8.3	8.8	7.7	6.7	5.7	5.9	5.5	5.2	5.7	4.5	4.7	7.3	24
9/17/2024	4.3	4.1	4.8	5.4	6.2	6.3	6.4	7.4	6.7	5.0	4.3	4.4	4.6	4.7	5.0	5.7	5.5	4.9	5.3	6.0	6.5	7.1	7.9	7.3	5.7	24
9/18/2024	6.7	6.3	5.9	6.3	6.4	8.1	9.2	10.8	12.6	10.3	9.9	9.8	6.2	4.7	4.5	3.8	2.4	3.4	5.0	5.5	5.0	5.2	6.2	5.9	6.7	24
9/19/2024	5.8	6.9	7.5	8.0	7.9	9.9	11.4	12.0	18.3	6.7	6.5	7.7	9.5	9.4	11.1	7.1	6.3	6.4	6.1	6.1	6.0	6.0	6.5	7.7	8.2	24
9/20/2024	8.2	8.2	8.0	7.7	9.1	11.1	15.3	16.4	12.6	11.2	10.7	10.0	9.7	10.4	10.8	10.3	6.4	4.2	3.2	2.7	2.4	2.5	3.2	3.7	8.3	24
9/21/2024	3.9	4.3	5.6	6.6	6.6	6.3	6.2	6.9	6.9	6.4	6.8		7.1	7.3	7.3	7.5	7.4	7.3	7.0	5.1	3.6	2.7	3.9	4.8	6.0	23
9/22/2024	4.6	5.1	5.1	5.2	5.3	6.0	6.4	7.5	10.8	6.1	8.2	8.0	8.7	9.1	7.3	6.7	6.7	6.0	4.0	3.3	2.9	2.7	2.8	3.6	5.9	24
9/23/2024	4.5	3.2	3.2	3.1	3.5	3.9	4.1	3.6	2.9	3.2	4.4	6.0	7.1	6.6	6.0	5.6	4.9	4.4	4.8	4.6	4.7	5.0	5.2	5.2	4.6	24
9/24/2024	5.4	5.4	5.3	5.8	6.4	6.5	7.8	10.9	8.3	8.1	8.1	8.9	7.6	6.7	5.9	6.0	6.3	6.1	5.9	6.0	6.3	6.2	5.8	5.7	6.7	24
9/25/2024	5.3	5.4	5.6	7.3	5.2	4.0	3.7	3.6	3.7	3.5	2.0	1.9	1.4	2.7	3.0	3.1	3.1	3.1	3.3	3.2	3.3	3.3	3.5	3.7	3.7	24
9/26/2024	3.5	3.4	3.1	2.8	1.7	0.9	1.4	1.7	0.9	0.2	1.0	1.2	1.6	1.7	2.0	2.6	2.3	2.7	4.6	5.3	5.2	6.0	5.5	5.5	2.8	24
9/27/2024	6.2	7.5	7.9	7.8	4.8	1.9	1.2	0.8	1.2	1.8	3.0	4.1	4.6	5.0	5.3	5.6	6.0	6.9	6.7	8.5	9.5	8.4	8.4	7.6	5.4	24
9/28/2024	7.1	6.3	6.1	5.9	6.2	6.3	6.6	6.5	6.9	8.6	7.6	7.2	7.5	7.8	7.2	6.0	5.8	6.8	7.0	7.4	6.8	6.0	5.5	6.8	6.7	24
9/29/2024	7.8	7.4	7.7	8.0	8.6	9.3	10.2	9.7	8.3	6.8	7.9	8.0	7.7	-	-	-	-	-	-	-	-	-	-	-	8.3	13
9/30/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
avg	5.1	5.0	5.2	5.3	5.2	5.1	5.4	5.9	6.0	5.3	5.5	5.8	5.7	5.5	5.6	5.3	5.0	4.8	4.8	4.8	5.0	4.9	5.1	5.2	5.3	
min	0.5	0.5	0.4	0.5	0.5	0.7	0.2	0.8	0.9	0.2	0.9	1.2	1.4	1.7	1.7	1.5	1.5	1.4	1.3	1.2	1.0	0.8	0.7	0.6	1.5	
max	8.4	8.2	8.0	8.0	9.1	11.1	15.3	16.4	18.3	11.2	10.7	10.0	9.7	10.4	11.1	10.3	8.7	8.6	10.6	11.0	11.4	10.9	10.8	10.5	8.5	684

Saroad Table - Hourly PM2.5 Data
September 2024

Location: Ocean Terminal **Equipment**: PurpleAir PM2.5 **Units**: µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
9/1/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/2/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/3/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/4/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/5/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/6/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/7/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/8/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/9/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/10/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/11/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/12/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/13/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/14/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/15/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/16/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/17/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/18/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/19/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/20/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/21/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/22/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/23/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/24/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/25/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/26/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/27/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/28/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/29/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
9/30/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
avg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
min	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0

Saroad Table - Hourly PM2.5 Data
September 2024

Location: Cockspur Island **Equipment**: PurpleAir PM2.5 **Units**: µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
9/1/2024	1.9	1.9	2.0	1.8	1.5	1.3	1.2	1.4	1.7	1.8	1.9	2.3	2.4	2.2	1.9	1.7	2.2	1.1	0.9	0.4	0.4	0.4	0.3	0.2	1.4	24
9/2/2024	0.2	0.2	0.3	0.6	0.4	0.3	0.6	0.5	0.7	1.0	1.2	1.1	1.1	1.2	1.2	1.0	0.9	1.0	1.5	2.0	1.0	0.3	0.2	0.6	0.8	24
9/3/2024	1.2	1.2	0.4	1.0	1.2	1.8	3.2	5.8	6.1	6.0	6.6	7.5	7.5	7.3	6.0	4.7	5.0	4.6	3.6	3.6	3.6	4.0	3.5	3.5	4.1	24
9/4/2024	3.1	2.6	2.5	2.3	2.2	2.1	2.2	2.8	2.5	2.7	2.9	3.3	3.4	3.3	3.4	3.6	3.9	3.3	2.9	2.5	2.1	2.2	2.7	3.0	2.8	24
9/5/2024	2.8	2.7	2.0	2.0	1.7	1.8	1.8	1.9	2.2	2.6	2.7	2.6	2.8	2.8	1.8	1.7	2.6	2.5	1.9	1.9	1.6	2.7	1.6	1.5	2.2	24
9/6/2024	1.6	2.4	1.3	3.0	2.7	2.4	2.5	2.5	2.4	1.7	0.5	2.0	2.4	2.8	1.8	0.9	0.8	1.3	1.6	3.5	2.5	1.5	2.3	3.4	2.1	24
9/7/2024	4.3	4.1	4.4	3.7	2.4	1.1	0.0	0.0	0.1	0.4	0.4	1.4	2.9	3.3	2.8	3.5	4.3	4.6	4.7	5.4	4.4	5.6	4.8	4.1	3.0	24
9/8/2024	3.8	4.0	2.6	0.6	0.5	1.0	1.8	2.4	3.0	2.9	4.0	3.8	3.9	1.4	0.7	0.4	0.1	0.8	0.5	0.8	0.5	0.7	2.3	3.8	1.9	24
9/9/2024	3.4	2.6	2.3	2.1	2.0	1.9	1.7	1.4	1.5	1.6	1.6	1.7	2.1	2.0	1.7	1.9	2.2	2.4	2.2	2.4	2.5	2.4	2.8	2.4	2.1	24
9/10/2024	2.2	2.0	1.8	1.5	1.7	1.6	1.6	2.2	2.3	2.8	2.7	2.3	2.2	1.8	1.7	1.4	1.3	1.4	1.3	1.5	1.4	1.4	1.3	2.6	1.8	24
9/11/2024	2.4	2.1	1.7	1.7	1.8	1.7	1.7	1.3	1.7	1.9	3.3	3.1	2.7	2.6	2.8	3.1	2.9	3.7	3.8	4.4	5.9	6.7	8.0	9.2	3.3	24
9/12/2024	9.6	8.4	8.2	5.5	4.5	6.3	4.0	4.7	4.8	5.6	5.5	5.3	5.3	5.5	5.3	5.2	4.7	4.2	4.9	4.6	5.2	6.3	6.1	7.2	5.7	24
9/13/2024	7.7	7.5	5.9	5.2	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	5
9/14/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
9/15/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
9/16/2024	-	-	-	-	-	-	-	-	-	-	6.3	7.2	6.2	6.5	6.4	6.3	5.4	4.6	4.8	4.2	4.1	4.1	4.4	4.2	5.3	14
9/17/2024	4.1	4.8	5.1	6.1	4.7	5.0	5.1	5.5	5.6	5.0	4.1	4.1	4.8	5.1	4.8	4.2	3.8	4.1	4.3	4.5	4.6	4.8	4.9	4.7	4.7	24
9/18/2024	5.2	4.2	3.8	4.0	4.3	5.7	6.9	7.7	7.2	6.4	6.0	4.4	4.4	6.0	5.7	4.8	4.7	5.0	3.6	3.6	4.3	4.1	4.1	4.6	5.0	24
9/19/2024	5.0	5.2	5.5	5.8	6.6	5.5	6.0	6.2	6.0	5.7	6.8	7.6	6.0	5.9	4.9	4.9	4.5	4.4	3.9	4.7	5.2	4.8	4.6	4.0	5.4	24
9/20/2024	4.0	4.2	5.6	7.3	8.5	8.4	8.7	9.2	10.2	9.9	9.8	11.0	12.6	13.3	11.2	4.2	3.2	2.4	2.0	2.4	3.2	3.4	3.6	4.0	6.8	24
9/21/2024	4.3	4.4	4.2	4.6	4.9	4.8	5.2	3.6	4.0	4.3	5.1	6.1	6.8	7.2	7.1	6.8	6.7	5.6	3.6	1.8	1.8	2.2	2.0	2.1	4.6	24
9/22/2024	1.9	2.0	1.9	2.3	2.4	4.0	5.8	5.2	4.2	4.4	4.9	5.4	4.8	4.7	4.8	5.0	3.8	2.6	2.0	1.9	2.4	2.1	2.3	2.8	3.5	24
9/23/2024	2.5	2.1	1.8	1.5	1.5	1.9	2.8	2.9	2.9	2.8	3.2	3.6	3.9	3.6	3.5	3.6	3.8	3.9	3.6	3.5	4.1	4.4	4.6	4.6	3.2	24
9/24/2024	4.6	4.5	4.7	5.0	4.9	4.8	4.7	4.9	5.1	5.6	6.0	6.2	6.1	6.9	5.8	5.4	5.1	5.0	4.9	4.9	5.0	4.9	4.5	3.8	5.2	24
9/25/2024	3.7	3.4	3.2	3.0	2.7	2.7	2.5	2.8	3.2	3.3	2.6	3.1	2.0	2.7	2.8	2.7	2.7	2.7	2.9	3.0	3.0	3.1	3.5	3.5	2.9	24
9/26/2024	3.4	3.2	2.9	2.7	3.8	5.7	2.7	2.1	2.0	1.5	2.6	2.0	1.9	2.6	3.1	3.3	2.9	4.8	6.6	7.5	8.2	8.6	10.5	8.2	4.3	24
9/27/2024	10.7	10.9	13.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5	3
9/28/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
9/29/2024	-	-	-	-	-	-	-	-	-	-	5.9	6.2	5.8	5.1	4.7	4.8	4.5	4.0	3.7	4.0	3.7	3.5	3.6	3.5	4.5	14
9/30/2024	3.8	4.6	5.3	6.6	7.5	7.9	8.2	7.9	7.5	6.8	6.8	7.3	6.9	6.8	5.5	5.9	4.5	3.7	3.7	4.3	4.7	3.9	3.5	4.0	5.7	24
avg	3.9	3.8	3.7	3.3	3.4	3.5	3.5	3.7	3.8	3.8	4.1	4.4	4.4	4.5	4.1	3.6	3.5	3.3	3.2	3.3	3.4	3.5	3.7	3.8	4.1	
min	0.2	0.2	0.3	0.6	0.4	0.3	0.0	0.0	0.1	0.4	0.4	1.1	1.1	1.2	0.7	0.4	0.1	0.8	0.5	0.4	0.4	0.3	0.2	0.2	0.8	
max	10.7	10.9	13.1	7.3	8.5	8.4	8.7	9.2	10.2	9.9	9.8	11.0	12.6	13.3	11.2	6.8	6.7	5.6	6.6	7.5	8.2	8.6	10.5	9.2	11.5	588

Saroad Table - Hourly PM2.5 Data
September 2024

Location: Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
9/1/2024	4.7	4.9	4.4	4.1	4.9	5.2	5.0	4.3	2.7	2.5	2.9	2.8	2.9	2.9	2.8	2.5	2.8	1.9	1.9	2.0	1.5	1.2	1.2	1.2	3.0	24
9/2/2024	1.0	1.0	1.4	1.8	2.9	3.5	6.3	8.4	5.4	3.5	3.3	2.8	1.5	2.1	4.0	3.0	2.0	1.8	1.6	3.5	4.1	6.7	5.9	9.1	3.6	24
9/3/2024	11.5	12.2	11.0	9.0	10.3	6.3	7.8	8.8	10.2	10.3	9.6	10.3	9.9	9.2	8.9	8.5	8.2	7.8	8.7	9.0	10.1	9.9	10.2	9.0	9.5	24
9/4/2024	9.2	7.2	7.8	9.9	8.4	7.6	6.9	6.1	6.5	6.6	7.0	6.3	5.6	6.2	7.3	8.2	8.0	8.4	8.4	9.0	11.6	10.2	8.0	6.5	7.8	24
9/5/2024	6.2	6.3	4.1	4.2	6.2	6.8	6.2	6.3	6.2	6.3	6.4	5.9	6.3	5.7	4.5	4.4	4.2	3.6	3.1	6.2	9.2	8.4	10.0	9.6	6.1	24
9/6/2024	9.5	13.8	9.9	7.0	8.8	9.0	8.8	8.8	8.7	7.2	6.0	3.8	4.3	5.1	9.1	11.4	7.1	7.9	8.4	10.1	12.2	10.2	8.2	8.8	8.5	24
9/7/2024	8.0	8.3	5.7	6.0	6.2	2.0	1.1	1.4	2.6	2.7	4.8	8.3	5.0	3.2	4.0	4.9	6.4	6.2	6.8	7.7	7.1	5.8	5.4	5.2	5.2	24
9/8/2024	5.3	5.9	11.9	10.6	8.1	5.7	1.5	2.5	3.5	5.1	9.1	9.7	11.4	5.9	4.8	4.6	3.1	4.8	6.8	5.1	9.6	10.1	8.7	11.0	6.9	24
9/9/2024	10.7	10.6	10.1	10.3	9.5	7.3	6.6	5.6	6.3	4.9	4.9	4.4	4.3	4.2	4.5	4.7	4.7	4.7	4.0	3.9	4.0	6.1	4.8	5.8	6.1	24
9/10/2024	7.2	8.9	9.2	7.2	8.6	11.5	8.9	6.6	5.9	5.2	5.2	5.0	4.7	3.9	3.5	3.2	3.1	3.1	3.1	3.4	3.2	3.4	3.3	3.8	5.5	24
9/11/2024	5.1	5.4	6.8	6.5	4.0	5.0	5.7	5.0	5.1	4.2	4.1	4.1	3.7	3.7	4.1	4.5	4.5	5.0	5.3	6.0	6.5	7.1	8.4	8.6	5.3	24
9/12/2024	8.4	7.5	7.3	8.6	9.3	6.7	6.5	6.3	6.8	7.5	8.2	8.8	9.0	9.1	13.4	9.6	8.7	6.9	6.0	6.0	7.2	7.0	6.9	7.8	7.9	24
9/13/2024	12.7	10.4	13.7	15.3	20.2	20.0	17.4	13.4	10.2	9.3	8.5	8.8	7.2	5.8	6.5	7.2	11.7	12.6	14.6	13.7	15.3	12.7	14.1	11.8	12.2	24
9/14/2024	11.7	8.2	6.0	6.1	6.7	7.4	5.5	6.0	2.9	3.1	1.4	2.4	2.6	2.8	3.6	3.9	3.7	3.1	2.9	3.0	3.4	5.2	5.1	4.1	4.6	24
9/15/2024	5.5	4.1	5.7	6.1	6.1	4.1	3.2	3.7	3.9	4.3	4.9	4.0	4.2	5.1	5.8	6.0	5.9	4.8	4.5	4.3	5.1	5.5	5.6	5.7	4.9	24
9/16/2024	7.4	7.1	8.5	11.8	12.6	11.0	11.7	12.7	12.3	12.2	11.3	11.5	10.1	11.0	10.7	10.2	7.7	7.6	7.3	6.4	6.0	5.9	5.7	5.2	9.3	24
9/17/2024	4.8	4.6	5.2	6.1	6.7	7.0	7.1	7.3	7.4	5.9	5.2	5.4	5.5	5.5	5.9	5.9	6.0	5.3	5.8	6.4	7.0	8.0	8.0	7.6	6.2	24
9/18/2024	7.6	7.4	6.5	6.8	8.2	10.5	11.9	12.3	12.7	10.9	10.4	10.4	7.6	5.5	5.2	4.9	2.7	3.6	5.4	6.1	6.5	7.1	8.0	7.7	7.8	24
9/19/2024	7.8	9.2	8.3	9.2	11.0	14.1	15.6	15.9	12.0	9.8	7.6	8.4	9.1	8.6	10.0	9.1	7.1	6.8	6.9	7.4	8.7	8.2	7.9	8.1	9.4	24
9/20/2024	9.1	8.6	11.3	12.1	10.5	11.5	17.5	19.3	19.0	13.8	11.5	10.5	9.6	10.0	11.2	11.2	6.7	4.5	3.6	3.4	3.5	3.8	4.0	3.8	9.6	24
9/21/2024	4.1	4.9	7.2	8.7	10.3	9.1	10.9	7.8	6.6	6.9	7.3	7.2	7.0	7.3	7.5	7.6	8.4	13.7	11.2	5.7	4.7	4.3	4.6	4.5	7.4	24
9/22/2024	4.8	5.0	5.0	5.2	6.0	7.2	7.1	6.6	4.4	5.8	7.7	7.8	8.4	8.5	8.0	7.4	7.2	6.6	4.8	3.9	3.2	3.2	3.3	4.5	5.9	24
9/23/2024	3.8	4.0	4.0	3.8	4.2	5.0	4.7	4.4	4.3	4.1	5.0	6.1	6.8	7.1	6.7	6.1	6.0	4.8	5.4	5.2	5.4	5.8	6.0	6.4	5.2	24
9/24/2024	6.3	6.6	6.3	6.8	8.1	9.2	9.4	9.0	7.9	7.7	8.7	10.0	8.0	7.1	6.5	6.4	6.6	6.3	6.5	6.6	7.1	7.1	6.7	7.0	7.4	24
9/25/2024	6.1	6.8	7.3	7.4	9.0	7.5	5.1	5.2	4.9	4.9	2.8	2.3	1.9	3.6	3.6	3.6	3.7	3.6	3.9	4.5	4.3	4.2	4.1	4.2	4.8	24
9/26/2024	4.1	4.0	3.7	3.4	2.3	1.4	2.1	2.6	1.7	1.4	1.8	1.7	2.2	2.2	2.8	3.4	3.0	3.5	5.5	6.1	5.9	6.1	5.8	5.8	3.4	24
9/27/2024	6.7	8.5	10.0	9.2	6.0	3.0	2.1	1.7	2.1	2.7	3.9	4.3	4.7	5.0	5.2	5.7	6.0	6.3	7.8	9.6	8.5	7.9	8.0	7.5	5.9	24
9/28/2024	6.9	6.3	6.4	6.3	6.3	6.3	7.0	7.0	6.8	7.6	7.9	7.6	7.7	7.6	7.5	6.8	6.2	7.8	7.7	9.0	7.8	6.4	6.1	7.2	7.1	24
9/29/2024	8.2	7.9	7.8	8.5	9.1	9.5	10.0	9.5	8.2	7.1	7.0	7.3	7.4	7.0	6.7	7.0	6.5	6.8	7.5	8.4	8.5	6.0	5.2	5.1	7.6	24
9/30/2024	5.4	6.7	8.4	9.7	10.7	11.8	12.7	11.4	9.9	8.7	8.2	7.6	6.9	6.9	7.9	8.1	9.7	10.9	11.1	7.2	8.1	7.5	7.4	7.5	8.8	24
avg	7.0	7.1	7.4	7.6	8.0	7.7	7.7	7.5	6.9	6.4	6.4	6.5	6.2	5.9	6.4	6.3	5.9	6.0	6.2	6.3	6.8	6.7	6.5	6.7	6.8	
min	1.0	1.0	1.4	1.8	2.3	1.4	1.1	1.4	1.7	1.4	1.4	1.7	1.5	2.1	2.8	2.5	2.0	1.8	1.6	2.0	1.5	1.2	1.2	1.2	3.0	
max	12.7	13.8	13.7	15.3	20.2	20.0	17.5	19.3	19.0	13.8	11.5	11.5	11.4	11.0	13.4	11.4	11.7	13.7	14.6	13.7	15.3	12.7	14.1	11.8	12.2	720

Saroad Table - Hourly PM2.5 Data
September 2024

Location: Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
9/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/16/2024	--	--	--	--	--	--	--	--	--	--	0.89	0.71	0.83	0.42	0.65	0.74	0.46	0.40	0.37	0.40	0.40	0.36	0.39	0.41	0.53	14
9/17/2024	0.39	0.33	0.31	0.20	0.50	0.34	0.43	0.71	0.59	0.50	0.45	0.30	0.21	0.19	0.18	0.20	0.32	0.46	0.31	0.24	0.39	0.38	0.46	0.41	0.37	24
9/18/2024	0.32	0.36	0.34	0.38	0.62	0.43	0.53	0.88	2.02	1.64	0.77	0.62	0.57	0.39	0.35	0.25	0.58	0.92	0.67	--	--	--	--	--	0.67	19
9/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.16	0.29	0.23	0.15	0.19	0.32	0.37	0.36	0.20	0.25	9
9/26/2024	0.13	0.11	0.13	0.11	0.40	0.18	0.22	0.52	0.79	0.15	0.28	0.51	0.23	0.37	0.24	0.17	0.16	0.16	0.15	0.24	0.21	0.31	0.21	0.14	0.26	24
9/27/2024	0.23	0.12	0.24	0.23	0.21	0.08	0.07	0.04	0.06	0.06	0.16	0.13	0.10	0.08	0.11	0.13	0.17	0.27	0.52	0.87	0.76	2.07	--	--	0.30	22
9/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	0.26	0.23	0.25	0.23	0.43	0.26	0.31	0.54	0.87	0.59	0.51	0.45	0.39	0.29	0.31	0.28	0.33	0.41	0.36	0.39	0.42	0.70	0.36	0.29	0.40	
min	0.13	0.11	0.13	0.11	0.21	0.08	0.07	0.04	0.06	0.06	0.16	0.13	0.10	0.08	0.11	0.13	0.16	0.16	0.15	0.19	0.21	0.31	0.21	0.14	0.25	
max	0.39	0.36	0.34	0.38	0.62	0.43	0.53	0.88	2.02	1.64	0.89	0.71	0.83	0.42	0.65	0.74	0.58	0.92	0.67	0.87	0.76	2.07	0.46	0.41	0.67	112

Saroad Table - Hourly PM2.5 Data
September 2024

Location: Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
9/1/2024	0.07	0.06	0.04	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.03	0.03	0.02	0.04	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.02	0.03	24
9/2/2024	0.02	0.02	0.01	0.10	0.13	0.13	0.05	0.04	0.06	0.11	0.46	0.08	0.05	0.41	0.06	0.13	0.09	0.39	0.10	0.09	0.09	0.77	0.16	0.15	0.15	24
9/3/2024	0.13	0.14	0.14	0.15	0.21	0.23	0.26	0.26	0.27	0.28	0.26	0.27	0.22	0.42	0.33	0.22	0.46	0.28	0.53	0.72	0.29	0.36	0.28	0.27	0.29	24
9/4/2024	0.31	0.28	0.36	0.43	0.42	0.36	0.33	0.23	0.22	0.21	0.25	0.33	0.29	0.36	0.13	0.08	0.23	0.07	0.07	0.10	0.07	0.23	0.10	0.10	0.23	24
9/5/2024	0.08	0.10	0.12	0.18	0.32	0.30	0.19	0.23	0.14	0.73	0.09	0.11	0.11	0.11	0.13	0.13	0.15	0.11	0.54	0.17	0.15	0.23	0.25	0.24	0.20	24
9/6/2024	0.35	0.68	0.77	0.35	0.33	0.25	0.17	0.15	0.17	0.36	0.26	0.36	0.42	0.58	0.68	0.53	0.49	0.65	0.27	0.27	0.27	0.25	0.29	0.24	0.38	24
9/7/2024	0.35	0.21	0.10	0.07	0.09	0.15	0.07	0.06	0.06	0.08	0.09	0.06	0.07	0.10	0.12	0.14	0.25	0.19	0.23	0.21	0.17	0.18	0.27	0.19	0.15	24
9/8/2024	0.05	0.06	0.10	0.11	0.14	0.15	0.16	0.26	0.33	0.36	0.17	0.21	0.15	0.35	0.32	0.25	0.56	0.13	0.13	0.14	0.19	0.22	0.23	0.38	0.21	24
9/9/2024	0.22	0.56	0.38	0.29	0.65	0.27	0.26	0.24	0.21	0.33	0.21	0.16	0.18	0.65	0.29	0.22	0.27	0.23	0.23	1.31	0.20	0.22	0.25	0.14	0.33	24
9/10/2024	0.14	0.70	0.48	0.21	0.51	0.17	0.33	0.15	0.15	0.12	0.11	0.11	0.14	0.13	0.53	0.42	0.15	0.20	0.20	0.12	0.10	0.11	0.10	0.11	0.23	24
9/11/2024	0.12	0.13	0.57	0.56	0.17	0.42	0.15	1.19	0.14	0.14	0.15	0.16	0.30	0.15	0.13	0.14	0.18	0.81	0.25	0.25	0.30	0.35	0.29	0.25	0.30	24
9/12/2024	0.22	0.14	0.47	0.26	0.31	0.27	0.32	0.41	0.35	0.31	0.30	0.30	0.32	0.27	0.30	0.63	0.19	0.25	0.38	0.24	0.28	0.34	0.33	0.29	0.31	24
9/13/2024	0.53	0.29	0.37	0.66	0.33	0.27	0.26	0.30	0.27	0.25	0.18	0.22	0.19	0.30	0.15	0.24	0.75	0.47	0.76	0.62	0.05	0.31	0.52	0.32	0.36	24
9/14/2024	0.70	0.41	0.25	0.45	0.15	0.11	0.12	0.08	0.11	0.11	0.08	0.10	0.14	0.29	0.09	0.18	0.13	0.93	0.16	0.13	0.15	0.14	0.45	0.25	0.24	24
9/15/2024	0.59	0.68	0.35	0.15	0.15	0.30	0.15	0.42	0.11	0.15	0.18	0.22	0.25	0.26	0.29	0.90	0.14	0.42	0.10	0.22	0.09	0.15	0.14	0.17	0.27	24
9/16/2024	0.23	0.35	0.91	0.31	0.32	0.27	0.24	0.26	0.25	0.23	0.22	0.27	0.24	0.18	0.21	0.23	0.20	0.24	0.20	0.20	0.18	0.33	0.17	0.20	0.27	24
9/17/2024	0.22	0.22	0.25	0.28	0.26	0.22	0.16	0.13	0.11	0.14	0.14	0.15	0.17	0.19	0.21	0.24	0.23	0.22	0.21	0.21	0.23	0.21	0.17	0.16	0.20	24
9/18/2024	0.18	0.14	0.22	0.25	0.31	0.19	0.17	0.17	0.11	0.11	0.14	0.13	0.09	0.15	0.14	0.11	0.09	0.10	0.11	0.12	0.13	0.21	0.24	0.20	0.16	24
9/19/2024	0.20	2.70	0.39	0.83	0.20	0.17	0.53	0.34	0.24	0.23	0.22	0.17	0.21	0.16	0.22	0.22	0.23	0.26	0.30	0.30	0.21	0.20	0.25	0.38	0.38	24
9/20/2024	0.47	0.57	0.53	0.75	0.46	0.31	0.88	0.29	0.29	0.32	0.29	0.30	0.11	0.09	0.10	0.11	0.10	0.11	0.14	0.15	0.13	0.14	0.17	0.52	0.31	24
9/21/2024	0.20	0.25	0.26	0.77	0.19	0.22	0.22	0.26	0.23	0.30	0.31	0.30	0.31	0.35	0.32	0.18	0.10	0.08	0.08	0.08	0.09	0.07	0.10	0.15	0.23	24
9/22/2024	0.22	0.17	0.32	0.57	0.66	0.20	0.16	0.98	0.21	0.23	0.20	0.19	0.20	0.19	0.18	0.18	0.15	0.16	0.13	0.10	0.09	0.09	0.08	0.07	0.24	24
9/23/2024	0.06	0.06	0.07	0.11	0.09	0.09	0.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.08	7
9/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/29/2024	--	--	--	--	--	--	--	0.00	0.18	0.15	0.15	0.16	0.15	0.15	0.16	0.15	0.16	0.16	0.17	0.17	0.17	0.15	0.16	0.19	0.15	17
9/30/2024	0.24	0.27	0.34	0.32	0.21	0.22	0.25	0.28	0.27	0.25	0.26	0.26	0.26	0.26	0.27	0.24	0.27	0.37	0.27	0.20	0.21	0.21	0.20	0.32	0.26	24
avg	0.25	0.38	0.33	0.34	0.28	0.22	0.23	0.28	0.19	0.23	0.20	0.19	0.19	0.26	0.22	0.25	0.23	0.28	0.23	0.26	0.16	0.23	0.22	0.22	0.24	
min	0.02	0.02	0.01	0.03	0.02	0.02	0.03	0.00	0.02	0.02	0.03	0.03	0.02	0.04	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.02	0.03	
max	0.70	2.70	0.91	0.83	0.66	0.42	0.88	1.19	0.35	0.73	0.46	0.36	0.42	0.65	0.68	0.90	0.75	0.93	0.76	1.31	0.30	0.77	0.52	0.52	0.38	576

Saroad Table - Hourly PM2.5 Data
September 2024

Location: Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
9/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	0.22	0.17	0.31	0.40	0.22	0.18	0.28	0.26	0.19	0.33	1.84	0.43	0.40	12
9/12/2024	0.31	0.42	0.30	0.34	0.37	0.39	0.38	0.39	0.35	0.51	0.51	0.52	0.99	2.69	1.67	0.30	0.30	0.25	0.34	0.17	0.19	0.18	0.18	0.21	0.51	24
9/13/2024	0.50	0.38	0.41	0.56	0.90	0.61	0.59	1.30	1.09	0.39	5.04	0.66	0.42	0.22	0.71	0.27	0.88	0.38	0.68	0.74	0.58	0.45	0.48	0.53	0.78	24
9/14/2024	0.70	0.94	0.93	0.88	0.50	0.93	0.76	0.21	0.09	0.20	0.05	0.05	0.27	0.28	0.91	0.08	0.17	0.11	0.46	0.12	0.21	0.16	0.18	0.11	0.39	24
9/15/2024	0.16	0.29	0.06	0.09	0.19	0.21	0.83	0.13	0.14	2.35	1.16	0.11	0.26	0.14	0.57	0.23	0.55	0.23	0.33	0.17	0.21	0.24	0.21	0.50	0.39	24
9/16/2024	0.79	1.95	0.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.01	3
9/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/19/2024	--	--	--	--	--	--	--	--	--	--	0.27	0.32	0.52	1.14	1.27	0.73	0.59	0.34	0.41	0.48	--	--	--	--	0.61	10
9/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/24/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/25/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	1.68	0.79	1.09	--	--	--	--	--	--	--	--	1.19	3
9/26/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/27/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/28/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/29/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
9/30/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
avg	0.49	0.79	0.40	0.47	0.49	0.54	0.64	0.51	0.41	0.86	1.41	0.33	0.45	0.90	0.89	0.44	0.45	0.25	0.42	0.32	0.28	0.27	0.58	0.36	0.66	
min	0.16	0.29	0.06	0.09	0.19	0.21	0.38	0.13	0.09	0.20	0.05	0.05	0.22	0.14	0.31	0.08	0.17	0.11	0.28	0.12	0.19	0.16	0.18	0.11	0.39	
max	0.79	1.95	0.93	0.88	0.90	0.93	0.83	1.30	1.09	2.35	5.04	0.66	0.99	2.69	1.67	1.09	0.88	0.38	0.68	0.74	0.58	0.45	1.84	0.53	1.19	124

Saroad Table - Hourly PM2.5 Data
October 2024

Location: Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
10/1/2024	9.1	9.2	10.1		13.5	14.6	15.1	16.7	19.2	18.4	15.5	15.6	12.4	12.6	12.3	11.2	13.3	22.6	13.1	14.0	15.8	16.6	17.1	17.1	14.6	23
10/2/2024	16.9	16.0	14.8	14.8	14.9	16.1	17.9	15.3	15.4	16.2	15.0	11.5	10.1	8.8	7.9	9.0	8.6	7.4	5.5	5.0	5.0	4.3	4.6	5.4	11.1	24
10/3/2024	4.9	5.0	5.7	6.4	7.0	7.5	10.4	7.6	11.9	6.5	4.7	4.7	4.6	4.3	4.2	4.4	3.5	3.0	2.7	2.3	2.2	2.4	1.9	1.9	5.0	24
10/4/2024	1.6	2.1	2.1	2.5	3.5	2.6	2.9	2.8	2.9	4.1	4.7	3.3	3.6	3.7	3.8	3.5	7.0	7.8	3.3	9.9	9.0	3.7	3.5	2.9	4.0	24
10/5/2024	2.8	3.4	3.5	4.0	4.0	3.5	3.4	3.1	2.9	4.5	5.8	6.4	6.2	5.4	6.2	6.8	5.0	4.6	13.0	8.7	5.7	7.7	7.0	6.8	5.4	24
10/6/2024	7.4	7.5	7.7	7.9	7.8	7.7	7.9	8.0	8.2	8.1	8.0	8.2	10.3	7.9	9.6	8.0	10.0	14.8	8.5	9.4	9.1	8.6	9.0	9.5	8.7	24
10/7/2024	9.4	10.6	10.5	10.4	9.9	8.6	9.4	11.6	11.4	10.1	14.0	11.1	10.6	10.3	11.1	11.5	11.9	10.2	11.4	11.2	12.0	43.5	23.7	25.7	13.3	24
10/8/2024	15.2	43.6	13.7	12.8	11.1	11.8	12.9	12.9	12.0	11.1	11.9	12.2	12.8	12.2	12.4	12.7	13.2	13.3	12.8	12.9	13.0	14.4	14.5	15.4	14.2	24
10/9/2024	14.9	14.5	14.1	12.4	11.6	11.0	10.4	9.7	9.1	8.3	8.5	8.2	8.2	6.9	6.5	6.0	5.6	5.7	6.4	5.4	5.0	4.8	4.3	4.1	8.4	24
10/10/2024	3.9	3.7	3.7	4.2	4.0	3.6	3.5	3.6	3.8	4.2	4.4	4.7	5.4	5.8	5.8	5.5	5.3	4.7	4.7	4.7	5.1	4.0	4.2	4.1	4.4	24
10/11/2024	3.8	3.6	3.5	3.3	3.5	3.3	3.3	3.6	3.7	3.8	3.8	4.1	4.4	4.6	4.7	4.7	4.9	4.6	13.0	72.9	15.6	8.8	6.2	6.4	8.1	24
10/12/2024	6.2	7.0	5.7	5.5	4.8	4.6	4.7	5.9	5.0	5.0	4.7	5.5	5.1	5.3	5.4	5.3	8.0	15.3	19.1	6.4	5.6	8.0	12.2	11.9	7.2	24
10/13/2024	9.0	8.3	8.4	10.2	11.6	12.7	10.9	10.9	8.0	7.3	7.5	7.2	6.7	6.7	7.2	7.9	9.5	8.7	8.0	9.9	12.9	11.6	10.3	10.9	9.3	24
10/14/2024	11.0	11.2	10.7	10.1	10.6	10.5	11.1	11.4	13.4	13.5	15.1	12.9	12.3	12.4	11.3	10.6	10.5	10.1	9.3	9.2	6.4	5.4	5.0	4.6	10.4	24
10/15/2024	4.7	5.0	4.2	4.1	4.0	3.8	3.7	4.5	5.2	5.2	5.4	6.9	6.2	6.6	6.0	5.8	5.6	5.0	4.6	6.3	7.6	9.3	8.1	7.5	5.6	24
10/16/2024	8.5	6.5	4.7	4.5	3.5	3.3	3.0	3.0	4.6	3.5	3.9	3.8	4.0	4.1	4.2	6.2	8.7	4.7	3.5	3.4	3.1	2.9	2.8	3.4	4.3	24
10/17/2024	4.2	4.2	3.3	3.1	4.1	5.4	5.3	4.9	3.6	8.2	8.4	4.4	4.3	4.5	4.4	4.5	7.7	7.5	5.9	4.2	3.9	4.7	7.0	9.3	5.3	24
10/18/2024	9.6	8.0	6.9	6.0	8.4	9.3	7.8	7.1	7.1	9.9	6.2	6.6	6.1	5.7	5.9	6.2	6.1	5.3	5.6	6.4	6.6	6.3	5.6	5.2	6.8	24
10/19/2024	5.7	5.1	4.8	5.6	6.8	6.2	6.0	6.5	6.8	6.0	5.5	5.2	5.5	5.2	5.3	5.2	5.2	7.1	5.0	4.6	7.2	8.4	7.8	7.7	6.0	24
10/20/2024	8.3	7.2	6.8	6.9	7.3	6.7	6.6	5.8	5.9	5.7	5.4	5.4	5.6	6.4	5.9	6.0	6.0	5.6	5.2	4.4	4.6	4.4	4.9	6.1	6.0	24
10/21/2024	6.6	6.3	6.1	5.8	6.3	6.9	7.7	7.0	7.1	7.8	5.8	5.5	5.3	5.1	4.8	4.7	4.5	5.2	6.7	7.2	3.5	5.4	6.2	6.1	6.0	24
10/22/2024	4.9	4.8	4.8	5.8	5.9	6.0	6.1	6.8	6.9	6.0	5.6	5.1	5.8	5.6	5.0	4.9	5.0	5.7	5.8	6.2	4.6	4.1	4.3	4.7	5.4	24
10/23/2024	4.5	4.9	4.6	5.2	5.2	6.1	6.5	7.8	9.8	7.9	6.4	6.0	6.0	5.9	6.2	6.9	6.8	5.8	5.5	5.9	8.2	8.6	7.3	7.3	6.5	24
10/24/2024	7.1	7.1	7.5	7.4	9.2	12.0	12.3	12.6	12.8	13.6	15.5	13.5	12.8	13.1	12.3	12.3	12.7	11.0	11.2	11.1	12.1	13.1	13.9	14.9	11.7	24
10/25/2024	16.0	16.5	18.5	18.9	19.1	20.4	22.9	25.7	19.1	17.5	15.9	12.9	11.6	10.6	10.3	10.4	10.6	11.2	13.1	13.7	15.4	15.3	15.6	16.3	15.7	24
10/26/2024	17.5	20.3	19.4	20.1	20.5	21.0	20.0	22.0	55.0	20.1	12.6	14.6	12.8	12.6	12.7	13.1	15.1	16.2	11.9	11.5	11.8	12.2	13.8	17.0	17.7	24
10/27/2024	-	-	-	-	-	-	-	-		25.1	24.2	23.1	22.3	22.5	22.1	14.2	11.6	-	-	-	-	-	-	-	20.6	8
10/28/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/29/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/30/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/31/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
avg	8.2	9.3	7.9	7.9	8.4	8.7	8.9	9.1	10.4	9.5	9.1	8.5	8.2	7.9	7.9	7.7	8.2	8.6	8.3	10.3	8.1	9.2	8.5	8.9	9.0	
min	1.6	2.1	2.1	2.5	3.5	2.6	2.9	2.8	2.9	3.5	3.8	3.3	3.6	3.7	3.8	3.5	3.5	3.0	2.7	2.3	2.2	2.4	1.9	1.9	4.0	
max	17.5	43.6	19.4	20.1	20.5	21.0	22.9	25.7	55.0	25.1	24.2	23.1	22.3	22.5	22.1	14.2	15.1	22.6	19.1	72.9	15.8	43.5	23.7	25.7	20.6	631

Saroad Table - Hourly PM2.5 Data
October 2024

Location: Carver Village **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
10/1/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/2/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/3/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/4/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/5/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/6/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/7/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/8/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/9/2024	-	-	-	-	-	-	-	-	-	-	-	9.6	9.8	8.3	7.7	7.2	7.2	7.3	7.7	6.1	5.6	4.9	4.3	4.2	6.9	13
10/10/2024	3.9	3.6	3.2	3.6	4.4	3.3	3.4	3.6	3.7	3.9	4.0	4.3	5.1	5.9	6.1	6.0	5.5	4.8	4.8	5.8	5.4	5.0	4.7	4.3	4.5	24
10/11/2024	4.0	4.3	4.3	4.4	4.4	4.6	4.3	3.7	3.7	3.5	3.5	3.5	4.3	4.5	4.6	4.9	4.5	5.2	6.7	7.2	6.1	6.0	7.0	7.8	4.9	24
10/12/2024	8.7	9.2	9.5	10.0	9.8	8.8	7.6	7.0	6.7	4.4	4.8	5.7	5.5	5.9	5.3	4.9	5.0	3.8	4.3	7.6	11.3	6.3	7.3	7.2	6.9	24
10/13/2024	9.1	9.1	8.8	10.0	12.5	16.4	15.9	10.4	7.4	7.7	6.3	6.5	7.2	7.2	7.4	8.0	8.1	8.5	11.7	14.1	11.5	9.2	14.0	16.3	10.1	24
10/14/2024	12.3	13.4	12.7	11.6	12.3	12.1	13.1	13.4	13.3	13.7	14.1	13.7	12.9	13.4	12.2	11.5	11.4	11.9	10.6	10.3	7.2	6.1	5.9	5.4	11.4	24
10/15/2024	5.3	5.5	5.1	4.9	4.7	4.8	5.3	6.5	6.1	5.4	6.5	7.5	6.9	6.3	7.2	6.5	6.3	6.1	6.6	7.8	8.9	9.9	10.9	13.8	6.9	24
10/16/2024	16.3	10.0	7.0	5.2	4.3	3.8	3.8	3.5	4.3	3.4	3.5	3.9	4.1	4.4	4.3	4.9	4.9	4.0	4.2	4.8	4.5	4.6	6.4	6.1	5.3	24
10/17/2024	4.6	4.4	4.5	4.8	5.0	5.4	6.2	5.5	4.8	4.4	3.9	4.0	4.4	4.7	4.8	4.6	5.0	6.2	6.1	5.7	4.7	5.0	5.3	4.6	4.9	24
10/18/2024	4.5	5.2	6.1	7.5	9.6	9.5	9.5	9.1	6.7	6.3	5.9	5.3	5.6	5.9	6.0	6.2	6.0	6.9	6.2	5.4	4.8	6.1	6.2	5.6	6.5	24
10/19/2024	6.1	6.5	6.3	6.3	7.2	6.4	6.2	5.9	5.4	5.1	4.5	4.7	5.0	5.1	5.4	5.3	5.1	6.7	6.6	7.2	7.7	9.1	9.1	9.6	6.4	24
10/20/2024	9.3	9.8	8.6	8.3	8.1	8.5	7.8	6.8	5.9	5.6	5.4	5.3	5.7	5.4	5.7	6.2	8.5	6.2	6.4	7.1	8.2	10.0	10.2	10.4	7.5	24
10/21/2024	10.4	11.3	8.7	7.5	7.5	8.1	9.0	9.4	8.1	6.9	7.1	9.7	5.0	4.3	5.0	5.4	5.4	3.7	4.1	3.6	3.1	4.0	4.6	5.9	6.6	24
10/22/2024	6.8	5.8	5.7	5.7	5.1	5.5	6.3	6.8	6.5	5.8	5.8	4.8	5.0	4.5	4.2	4.3	3.8	3.7	3.8	3.4	3.9	4.7	5.7	6.1	5.2	24
10/23/2024	5.6	5.1	5.2	5.5	10.1	7.3	10.3	11.7	10.9	9.1	7.2	6.2	6.0	6.1	5.8	6.2	6.2	6.6	8.2	9.9	9.9	11.8	11.0	11.3	8.0	24
10/24/2024	12.0	12.9	12.1	12.4	13.0	15.8	14.9	13.9	14.4	14.7	17.1	16.5	13.8	15.1	13.4	13.2	12.1	11.7	12.9	14.3	15.2	17.7	19.3	19.9	14.5	24
10/25/2024		20.8							22.6	20.4	14.2	12.4	12.2	11.5	11.4	11.4	11.6	12.2	13.7	17.2	20.1				15.1	14
10/26/2024			20.0							14.9	12.6	13.0	12.9	13.5	13.5	13.7	14.1	13.1	13.2	12.9	13.6	15.8	20.4	17.9	14.7	16
10/27/2024	18.8	21.1	20.7	21.8	20.2		22.2				26.6	25.8	23.4	22.8	19.3	14.1	12.4	17.4		17.3	12.9	9.5	8.0	7.7	18.0	19
10/28/2024	7.2	7.1	6.6	7.1	7.1	7.2	7.9	8.5	9.1	9.7	9.4	9.8	8.9	9.6	9.8	10.4	8.5	8.6	9.7	6.6	5.1	5.5	6.5	5.8	8.0	24
10/29/2024	5.8	6.2	7.8	8.4	9.3	9.2	8.3	8.6	8.6	7.3	6.0	5.0	5.7	6.4	6.6	4.7	6.0	6.4	7.2	2.8	2.3	1.8	2.6	3.5	6.1	24
10/30/2024	2.4	2.4	2.7	3.5	4.7	4.6	4.7	5.0	5.7	3.7	2.8	3.0	3.2	3.2	3.1	3.0	2.9	4.0	3.8	4.2	3.1	3.0	2.7	2.7	3.5	24
10/31/2024	2.9	3.5	3.2	3.8	6.4	7.0	7.9	7.6	4.3	3.1	2.8	3.0	3.1	3.2	3.0	2.8	2.5	2.6	2.0	1.7	2.5	3.3	4.8	2.3	3.7	24
avg	7.8	8.4	8.0	7.6	8.3	7.8	8.7	7.7	7.9	7.6	7.9	8.0	7.6	7.7	7.5	7.2	7.1	7.3	7.3	8.0	7.7	7.2	8.0	8.1	8.1	
min	2.4	2.4	2.7	3.5	4.3	3.3	3.4	3.5	3.7	3.1	2.8	3.0	3.1	3.2	3.0	2.8	2.5	2.6	2.0	1.7	2.3	1.8	2.6	2.3	3.5	
max	18.8	21.1	20.7	21.8	20.2	16.4	22.2	13.9	22.6	20.4	26.6	25.8	23.4	22.8	19.3	14.1	14.1	17.4	13.7	17.3	20.1	17.7	20.4	19.9	18.0	518

Saroad Table - Hourly PM2.5 Data
October 2024

Location: Woodville **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
10/1/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/2/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/3/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/4/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/5/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/6/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/7/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/8/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/9/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	7.5	6.1	7.3	6.9	6.1	5.5	5.1	4.7		6.3	9
10/10/2024	4.9	4.9	3.6	4.4	4.9	3.3	4.0	4.8	4.2	4.8	4.9	5.1	5.4	5.8	5.8	5.6	5.3	5.0	5.9	5.2	5.0	5.4	5.1	4.2	4.9	24
10/11/2024	5.5	5.8	5.0	5.1	6.3	4.7	5.7	5.6	4.5	4.5	4.2	4.4	4.4	4.4	4.4	4.3	4.6	7.3	4.3	4.5	4.7	7.2	12.4	12.2	5.7	24
10/12/2024	10.3	8.6	7.1	6.9	6.7	6.5	6.1	6.7	7.0	4.9	4.7	5.3	6.0	5.8	5.2	4.5	5.5	4.0	6.1	8.0	12.6	6.8	7.8	8.3	6.7	24
10/13/2024	11.8	15.0	18.6	23.2	22.9	18.9	15.6	13.4	9.2	7.8	7.3	6.7	7.4	7.1	7.4	8.2	8.2	8.2	8.5	10.2	12.1	9.7	9.1	10.2	11.5	24
10/14/2024	10.8	11.5	11.9	12.0	11.8	12.3	13.4	13.1	13.4	13.9	14.1	13.6	13.0	13.6	12.5	11.9	11.6	12.0	10.3	9.9	6.9	5.7	5.4	4.8	11.2	24
10/15/2024	4.9	4.8	4.3	4.3	4.0	4.1	4.3	5.6	6.4	6.1	6.8	6.4	6.4	5.8	6.6	6.0	5.9	5.6	8.2	49.7	12.3	10.0	15.7	14.9	8.7	24
10/16/2024	9.3	7.2	5.2	4.8	4.0	3.7	3.1	3.1	4.9	3.9	4.2	4.1	4.1	4.2	4.0	4.7	5.8	4.0	3.6	3.6	4.0	4.9	3.5	4.3	4.5	24
10/17/2024	4.9	6.3	10.5	6.0	4.7	5.7	5.3	5.2	5.5	4.5	4.5	4.7	4.3	4.4	4.5	4.1	5.5	15.4	12.6	10.9	7.0	8.1	6.6	9.9	6.7	24
10/18/2024	7.1	7.8	9.5	13.2	15.5	13.6	11.3	9.3	8.8	7.2	6.1	5.7	5.8	5.7	5.6	6.3	5.9	6.0	7.4	5.1	6.0	6.8	7.8	8.1	8.0	24
10/19/2024	9.4	11.6	12.0	10.7	12.0	12.3	12.1	6.5	6.2	5.8	5.5	5.5	5.2	5.2	5.1	5.2	5.1	6.0	5.8	10.2	13.2	12.7	14.0	11.2	8.7	24
10/20/2024	11.3	11.6	12.2	11.2	11.2	10.3	8.6	7.9	6.7	6.3	6.1	5.7	5.6	5.7	5.7	5.8	5.9	7.3	6.6	5.7	6.1	6.7	7.7	8.7	7.8	24
10/21/2024	9.6	8.8	9.9	8.9	9.4	9.9	9.7	10.0	9.7	7.9	7.9	6.1	5.3	4.8	4.4	4.4	4.0	3.5	4.2	3.6	4.0	4.6	5.7	8.4	6.9	24
10/22/2024	7.8	8.2	7.2	10.0	8.7	6.4	11.6	8.9	8.2	7.2	5.9	5.7	5.7	5.2	4.5	4.4	4.2	4.1	11.1	3.3	4.6	5.6	5.8	8.5	6.8	24
10/23/2024	9.4	8.1	7.5	9.6	8.9	10.1	8.5	9.0	9.5	10.6	9.4	7.1	6.1	6.3	6.2	6.3	6.6	8.2	9.3	8.8	9.1	9.1	9.2	10.4	8.5	24
10/24/2024	10.0	9.7	10.0	11.3	16.1	16.9	17.7	18.1	15.8	14.5	16.3	14.3	12.9	13.8	13.2	13.4	11.6	11.0	12.1	14.0	14.5	15.7	16.9	18.7	14.1	24
10/25/2024	19.8	19.6	23.4	43.8	39.7	25.3	41.8	48.8	23.2	17.4	14.8	12.3	12.1	11.5	11.2	11.5	11.3	13.6	16.1	15.5	19.3	53.2	53.5	44.6	25.1	24
10/26/2024	41.1	21.5	-	22.1	23.3	22.9	22.8	20.8	20.8	15.2	12.6	12.7	12.5	13.3	13.7	14.3	14.5	12.7	12.5	13.0	13.8	15.9	15.4	15.8	17.5	23
10/27/2024	17.9	20.3	18.9	18.6	19.7	21.4	21.5	24.4	45.4	42.9	25.6	25.0	23.5	23.5	20.4	14.3	13.1	21.1	22.7	18.5	13.5	9.8	8.0	7.6	20.7	24
10/28/2024	8.0	7.4	7.1	7.0	6.2	7.0	8.0	8.7	8.8	11.5	9.7	9.9	8.9	9.5	10.5	10.9	10.4	8.6	8.3	6.8	5.8	6.4	6.4	6.9	8.3	24
10/29/2024	7.0	9.9	8.7	9.0	10.5	8.9	8.3	8.5	8.0	8.3	7.0	5.5	6.3	6.7	7.7	5.5	6.0	8.7	10.1	5.0	2.1	2.9	4.4	5.4	7.1	24
10/30/2024	3.5	3.8	5.6	4.3	5.5	6.9	4.9	4.9	6.1	4.6	3.6	3.7	3.4	3.3	3.3	2.9	2.8	2.7	2.7	3.0	2.6	2.6	2.6	2.5	3.8	24
10/31/2024	2.7	2.4	2.7	6.7	10.1	14.9	12.9	7.5	6.8	4.7	3.6	3.5	3.3	3.4	3.0	2.5	2.4	2.4	2.5	1.3	1.4	2.0	2.3	2.3	4.5	24
avg	10.3	9.8	9.6	11.5	11.9	11.2	11.7	11.4	10.9	9.7	8.4	7.9	7.6	7.7	7.5	7.2	7.1	8.0	8.6	9.6	8.1	9.4	10.0	10.4	9.3	
min	2.7	2.4	2.7	4.3	4.0	3.3	3.1	3.1	4.2	3.9	3.6	3.5	3.3	3.3	3.0	2.5	2.4	2.4	2.5	1.3	1.4	2.0	2.3	2.3	3.8	
max	41.1	21.5	23.4	43.8	39.7	25.3	41.8	48.8	45.4	42.9	25.6	25.0	23.5	23.5	20.4	14.3	14.5	21.1	22.7	49.7	19.3	53.2	53.5	44.6	25.1	536

Saroad Table - Hourly PM2.5 Data
October 2024

Location: GA DNR **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
10/1/2024	-	-	-	-	-	-	-	-	-	-	15.2	16.2	16.0	11.9	12.5	13.8	12.6	15.7	19.0	16.7	17.6	18.4	19.5	21.2	16.2	14
10/2/2024	21.1	20.9	22.1	20.5	19.8	22.6	20.9	20.7	17.3	16.8	14.9	12.6	10.3	9.7	9.5	9.2	8.4	7.2	5.3	4.7	4.5	5.3	5.3	5.0	13.1	24
10/3/2024	6.1	5.6	6.4	8.4	9.7	12.0	14.5	8.8	6.6	4.8	4.6	4.3	4.2	4.2	4.2	3.6	3.0	2.4	1.9	1.7	1.7	1.8	1.6	1.3	5.1	24
10/4/2024	1.2	1.6	2.5	3.5	2.4	1.6	2.1	3.8	3.5	3.3	2.9	3.3	3.3	3.5	3.1	2.6	2.6	3.6	3.1	4.8	5.3	5.2	7.4	5.6	3.4	24
10/5/2024	4.0	3.8	4.1	3.8	5.1	5.2	7.2	5.4	3.1	6.9	5.5	5.8	5.6	5.2	5.3	5.3	3.6	3.6	3.0	3.9	5.7	6.8	6.8	7.0	5.1	24
10/6/2024	7.6	8.2	9.1	8.9	9.0	8.4	8.7	10.2	8.4	7.6	7.9	7.8	7.1	6.1	6.2	6.5	6.5	6.3	7.1	8.4	8.8	10.5	11.9	12.5	8.3	24
10/7/2024	12.9	13.4	14.2	13.8	14.0	14.5	14.2	16.5	12.0	9.7	9.7	10.8	10.9	10.9	11.3	10.9	11.0	10.4	10.6	11.7	12.6	14.0	16.7	16.1	12.6	24
10/8/2024	15.3	15.1	15.9	16.0	17.6	16.3	17.2	16.4	16.0	11.6	12.2	13.0	12.9	12.7	13.0	13.5	13.3	13.3	11.7	12.5	14.7	16.2	16.1	16.1	14.5	24
10/9/2024	19.5	21.7	18.3	18.7	14.7	15.2	11.8	10.4	11.8	9.4	8.6	8.8	9.2	7.4	7.4	7.9	7.4	7.8	8.1	6.6	5.4	5.4	5.5	5.9	10.5	24
10/10/2024	4.8	3.9	3.7	4.7	5.7	4.0	4.6	5.5	4.7	5.0	5.3	5.2	5.4	5.6	5.8	5.7	5.3	4.7	5.1	5.1	5.2	6.6	7.1	5.6	5.2	24
10/11/2024	6.0	4.8	4.4	6.3	4.2	3.5	5.5	5.9	4.3	3.7	3.7	3.8	4.0	4.2	4.3	4.2	4.3	5.2	7.0	8.5	11.2	7.8	9.4	10.9	5.7	24
10/12/2024	10.7	10.3	9.3	8.3	7.4	7.0	6.1	7.4	4.5	4.3	4.3	5.0	5.7	5.8	5.3	4.5	5.5	3.7	4.4	3.9	4.3	5.2	6.7	8.4	6.2	24
10/13/2024	9.1	11.6	15.3	18.6	19.4	15.6	14.1	12.2	8.1	6.7	6.8	6.5	7.1	6.9	7.2	7.6	7.7	7.5	11.3	14.6	22.9	19.1	11.0	10.3	11.6	24
10/14/2024	10.5	11.4	11.5	10.9	11.8	11.7	12.0	12.5	12.6	13.0	13.3	12.9	12.7	13.2	11.9	11.1	11.1	10.9	9.9	10.2	6.9	5.9	5.5	5.2	10.8	24
10/15/2024	5.0	4.6	4.7	4.6	4.6	4.8	5.5	5.7	6.5	5.3	6.4	7.1	6.3	5.8	6.4	5.9	6.0	6.4	6.5	8.2	12.7	12.3	10.9	14.8	7.0	24
10/16/2024	9.0	6.9	5.4	4.9	3.9	3.5	3.6	3.6	4.0	3.2	3.4	3.8	3.7	3.8	3.8	4.4	5.0	3.6	4.6	4.5	3.9	4.8	6.9	5.6	4.6	24
10/17/2024	5.6	5.1	6.0	5.1	4.2	4.8	5.1	4.4	6.1	4.7	4.6	4.4	4.1	4.1	4.2	4.1	5.6	6.1	6.7	7.6	5.7	5.7	6.3	6.3	5.3	24
10/18/2024	8.3	9.4	10.8	11.4	13.5	12.0	11.3	10.7	9.2	7.2	6.0	5.6	5.7	5.6	5.7	6.2	5.6	6.4	6.7	4.5	5.1	5.3	5.6	7.1	7.7	24
10/19/2024	8.9	9.0	9.2	10.6	10.3	9.7	9.3	7.6	7.4	6.3	5.0	5.3	5.1	5.0	5.1	4.8	5.2	5.7	6.3	7.4	9.8	10.8	12.4	11.3	7.8	24
10/20/2024	11.7	12.2	11.8	10.6	11.6	9.0	9.5	9.7	8.9	6.8	6.5	5.7	5.7	5.5	5.6	5.6	6.4	6.9	5.8	6.5	8.4	8.8	10.0	10.4	8.3	24
10/21/2024	11.6	10.6	10.3	9.4	10.2	10.2	9.4	11.1	10.8	8.5	6.5	6.2	5.0	4.1	3.9	3.9	3.5	3.3	3.8	4.9	4.2	5.2	5.4		7.0	23
10/22/2024	9.7	8.6	8.0	8.9	7.5	8.3	8.8	9.0	7.3	5.8	5.2	4.7	5.1	4.5	4.1	4.0	3.8	3.5	3.3	2.9	3.4	6.7	6.8	8.2	6.2	24
10/23/2024	7.5	6.7	7.4	10.2	9.7	9.2	9.5	10.4	9.1	8.9	7.9	6.6	5.6	5.7	5.6	5.7	5.9	7.0	7.6	7.5	9.0	9.0	9.0	10.2	8.0	24
10/24/2024	9.9	9.8	9.8	11.8	16.3	15.6	15.8	14.8	13.5	14.2	16.0	14.1	13.2	13.0	12.8	13.2	11.0	10.7	12.3	13.7	14.5	15.5	16.9	18.1	13.6	24
10/25/2024	19.7	21.1	25.2	41.9	41.6	47.3	53.7	44.8	21.0	17.6	14.4	12.1	11.8	11.0	11.0	10.7	10.9	11.2	11.8	15.4	16.6	19.9	20.9	23.6	22.3	24
10/26/2024	24.4	24.3	21.6	23.6	23.2	21.2	21.7	19.7	19.7	14.6	12.1	12.2	12.3	13.1	13.2	13.6	14.0	12.5	12.7	12.3	12.2	13.3	14.2	15.2	16.5	24
10/27/2024	16.5	18.9	17.3	17.6	19.6	21.4	22.1	24.0	44.3	44.8	25.2	24.3	22.6	22.0	18.8	13.4	12.3	20.3	23.2	18.8	14.2	10.3	9.8	8.8	20.4	24
10/28/2024	9.1	7.5	7.2	6.8	5.7	7.0	8.5	10.0	9.8	9.6	9.4	8.6	8.9	9.5	10.1	9.7	9.0	8.1	8.0	6.3	5.2	5.6	5.5	6.7	8.0	24
10/29/2024	8.8	11.0	9.7	9.5	9.9	8.9	8.4	9.1	10.1	8.5	7.2	5.5	9.1	7.9	7.3	4.7	7.0	9.0	9.9	4.0	1.0	1.6	3.0	4.6	7.3	24
10/30/2024	2.3	2.5	3.9	4.6	3.9	6.9	7.3	6.3	4.8	3.9	3.4	3.2	3.2	3.1	3.0	2.8	2.8	2.8	2.9	3.0	2.4	2.7	2.1	2.4	3.6	24
10/31/2024	2.6	2.7	3.8	5.5	9.9	9.9	7.4	5.4	6.1	4.1	3.1	3.2	3.2	3.2	3.1	2.4	2.4	2.5	1.8	1.5	1.9	2.3	1.5	1.7	3.8	24
avg	10.0	10.1	10.3	11.3	11.5	11.6	11.9	11.4	10.4	9.2	8.3	8.0	7.9	7.6	7.4	7.1	7.1	7.4	7.8	7.8	8.3	8.6	9.0	9.5	9.2	
min	1.2	1.6	2.5	3.5	2.4	1.6	2.1	3.6	3.1	3.2	2.9	3.2	3.2	3.1	3.0	2.4	2.4	2.4	1.8	1.5	1.0	1.6	1.5	1.3	3.4	
max	24.4	24.3	25.2	41.9	41.6	47.3	53.7	44.8	44.3	44.8	25.2	24.3	22.6	22.0	18.8	13.8	14.0	20.3	23.2	18.8	22.9	19.9	20.9	23.6	22.3	733

Saroad Table - Hourly PM2.5 Data
October 2024

Location: West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
10/1/2024	8.6	10.2	13.7	15.7	15.8	16.7	18.1	21.1	22.6	19.9	22.8	17.2	18.5	12.9	13.6	14.6	13.3	16.8	19.3	22.8	21.0	19.5	21.1	21.1	--	24
10/2/2024	24.7	24.1	23.1	20.0	20.8	23.3	21.4	18.8	19.0	17.4	15.2	13.1	10.8	9.9	9.4	9.8	9.1	8.1	5.9	5.5	5.0	4.9	5.0	4.7	--	24
10/3/2024	5.9	7.4	7.9	10.4	9.8	10.5	14.0	10.1	7.3	5.6	5.0	4.9	4.6	4.7	4.6	4.2	3.7	3.1	2.6	2.4	2.7	2.9	2.4	2.2	5.8	24
10/4/2024	2.1	2.3	2.6	2.6	3.5	3.0	2.6	3.7	5.5	3.6	3.7	3.8	3.8	4.1	3.6	2.8	2.8	4.0	3.6	3.9	4.5	4.1	3.4	3.5	3.5	24
10/5/2024	3.2	3.2	3.9	4.3	4.5	4.5	4.6	3.7	3.0	5.0	6.4	6.4	6.4	7.9	9.0	9.0	6.5	6.5	4.5	4.7	6.2	8.4	7.8	7.3	5.7	24
10/6/2024	7.5	8.4	8.1	8.4	8.3	8.7	8.1	8.3	8.8	8.1	9.2	9.3	8.0	6.9	6.7	7.2	7.0	7.1	7.3	8.0	8.8	9.3	10.7	11.5	8.3	24
10/7/2024	11.2	12.3	14.1	14.0	13.1	14.0	14.1	14.9	15.8	11.0	10.3	11.1	-	-	-	-	-	-	-	-	-	-	-	-	13.0	12
10/8/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/9/2024	-	-	-	-	-	-	-	-	-	-	-	9.6	9.7	8.0	7.5	7.8	7.6	8.1	8.2	6.7	6.0	5.4	5.1	4.6	7.2	13
10/10/2024	4.6	4.2	3.6	4.2	4.9	3.8	4.0	4.2	4.5	4.9	5.0	5.4	5.9	6.3	6.4	6.1	5.8	5.2	5.0	5.5	5.3	5.3	5.1	4.7	5.0	24
10/11/2024	4.5	4.8	4.7	4.5	4.4	4.3	4.5	4.9	4.6	4.6	4.6	4.6	4.8	10.7	4.8	4.8	5.0	5.8	7.5	16.0		15.4	25.5	18.1	7.5	23
10/12/2024	9.0	9.9	9.9	9.1	8.4	7.2	6.0	5.4	5.3	5.2	5.1	5.7	6.0	5.8	5.5	5.0	5.5	4.1	4.4	7.4	11.1	11.9	8.8	8.8	7.1	24
10/13/2024	8.3	9.7	11.7	14.8	15.6	16.2	16.2	12.7	8.8	8.5	7.6	9.7	9.7	7.4	7.6	-	-	18.8	20.8	12.3	11.5	9.6	11.7	12.6	11.9	22
10/14/2024	12.2	13.1	12.8	12.0	12.7	12.7	13.7	14.1	14.3	14.7	15.0	14.1	13.6	14.1	13.3	-	-	12.2	12.0	10.9	7.4	6.4	5.9	5.8	11.9	22
10/15/2024	5.5	5.1	5.0	5.0	5.1	5.9	6.8	5.9	6.6	6.0	6.7	8.0	7.5	6.6	6.7	6.4	6.6	6.6	7.5	8.1	9.8	7.7	9.6	14.6	7.1	24
10/16/2024	10.4	8.1	6.4	6.6	4.9	4.0	4.3	4.9	5.0	4.5	4.4	4.7	4.6	4.8	4.6	5.0	4.9	4.1	4.1	4.0	4.6	4.2	4.2	13.3	5.4	24
10/17/2024	7.5	5.1	4.9	4.8	4.4	4.4	5.7	5.6	5.3	4.9	4.9	4.7	4.6	4.8	5.2	4.9	5.9	7.0	8.0	6.8	6.0	5.5	5.3	5.6	5.5	24
10/18/2024	5.5	6.0	7.9	8.4	10.2	10.4	10.6	9.0	7.4	6.9	6.4	6.0	5.9	6.1	6.3	6.5	6.4	7.0	7.9	5.7	6.0	6.1	6.7	7.9	7.2	24
10/19/2024	7.0	7.4	6.6	7.1	8.2	7.2	6.9	6.8	6.5	6.2	5.8	5.9	5.4	5.2	5.3	5.4	5.4	5.5	6.3	7.6	7.8	9.3	10.7	10.5	6.9	24
10/20/2024	10.0	10.5	9.1	8.8	8.6	8.6	8.2	7.8	7.2	6.9	6.5	6.2	5.8	5.8	5.9	6.1	6.5	6.6	7.2	7.4	8.2	9.9	11.7	14.8	8.1	24
10/21/2024	10.3	8.6	8.3	8.1	8.2	8.2	8.9	9.7	9.5	7.2	6.5	6.1	5.0	4.5	4.4	4.9	4.4	4.0	5.2	4.0	3.7	4.6	5.1	7.1	6.5	24
10/22/2024	7.6	6.4	6.2	6.0	5.4	5.9	6.6	7.4	7.3	6.6	5.8	5.2	5.6	5.1	4.8	4.7	4.5	4.1	3.7	3.6	4.3	5.4	6.0	6.7	5.6	24
10/23/2024	6.0	5.4	5.4	6.6	7.6	7.9	7.9	9.3	9.2	10.1	8.1	7.6	6.5	6.4	6.4	6.0	-	7.8	8.0	9.8	10.1	10.1	10.8	11.8	8.0	23
10/24/2024	12.1	12.1	12.8	13.2	14.4	16.8	15.7	15.9	15.3	16.2	18.5	15.2	13.6	13.3	13.0	13.5	11.7	12.5	13.7	15.3	14.8	18.7	20.3	20.8	15.0	24
10/25/2024	21.5	20.7	20.8	21.3	22.3	25.5	39.9	26.8	21.3	18.0	14.8	13.0	13.0	12.1	11.8	12.0	12.3	14.4	12.9	15.7	17.4				18.5	21
10/26/2024					23.9	21.9	21.6	21.6	21.0	15.3	13.8	13.3	13.5	13.8	14.6	14.9	14.9	13.1	13.6	13.1	13.1	14.1	15.5	18.6	16.3	20
10/27/2024	18.6	20.2	19.5	18.5	19.5	20.4	22.1	26.4	51.8	26.8	25.5	25.0	22.7	22.5	19.0	14.4	12.5	17.7	20.4	16.7	12.9	9.5	8.5	8.1	20.0	24
10/28/2024	7.7	7.4	7.3	7.4	6.7	7.2	7.9	8.5	8.8	9.9	9.0	9.2	9.2	9.7	9.9	10.0	9.1	8.9	8.2	6.3	6.1	6.3	7.3	6.8	8.1	24
10/29/2024	6.3	6.7	8.8	8.3	8.7	9.0	8.1	8.6	8.6	7.8	6.4	5.6	5.9	6.8	6.9	5.3	6.4	7.1	7.4	3.2	1.8	2.6	3.3	3.7	6.4	24
10/30/2024	2.8	3.0	3.2	4.1	4.1	4.1	4.4	4.7	5.3	4.5	4.0	3.7	3.7	3.7	3.6	3.4	3.2	3.2	2.8	2.8	2.9	3.0	3.2	2.7	3.6	24
10/31/2024	3.0	4.2	2.9	4.4	6.4	6.6	8.3	7.3	7.2	4.4	3.7	3.6	3.5	3.4	3.4	3.3	3.0	3.3	3.6	2.4	2.4	7.1	2.4	5.8	4.4	24
avg	8.7	8.8	9.0	9.2	10.0	10.3	11.1	10.6	11.1	9.3	9.0	8.6	8.2	8.0	7.7	7.3	7.1	8.0	8.3	8.2	7.9	8.1	8.7	9.4	8.6	
min	2.1	2.3	2.6	2.6	3.5	3.0	2.6	3.7	3.0	3.6	3.7	3.6	3.5	3.4	3.4	2.8	2.8	3.1	2.6	2.4	1.8	2.6	2.4	2.2	3.5	
max	24.7	24.1	23.1	21.3	23.9	25.5	39.9	26.8	51.8	26.8	25.5	25.0	22.7	22.5	19.0	14.9	14.9	18.8	20.8	22.8	21.0	19.5	25.5	21.1	20.0	684

Saroad Table - Hourly PM2.5 Data
October 2024

Location: Brickyard **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
10/1/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/2/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/3/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/4/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/5/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/6/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/7/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/8/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/9/2024	-	-	-	-	-	-	-	-	-	-	8.9	8.7	9.4	7.7	7.1	7.2	7.7	7.4	7.8	6.2	6.0	5.2	4.8	4.4	7.0	14
10/10/2024	4.1	3.7	3.1	3.6	4.3	3.6	3.4	3.8	3.7	3.9	4.2	4.4	4.7	5.1	5.4	5.1	4.9	4.4	4.4	4.7	4.7	4.7	4.7	4.4	4.3	24
10/11/2024	4.2	4.1	5.3	4.3	4.2	4.2	4.1	4.0	4.1	3.8	3.7	3.7	3.9	4.7	4.5	4.3	4.2	4.4	3.8	3.9	7.0	13.6	7.7	7.9	5.0	24
10/12/2024	9.0	8.6	8.9	8.1	8.1	7.3	6.0	5.8	4.1	3.9	4.2	5.6	5.6	5.2	4.8	4.4	4.0	3.7	3.7	4.5	5.0	8.0	10.6	11.6	6.3	24
10/13/2024	12.6	11.0	15.8		16.1	17.1	16.8	12.6	8.1	7.6	6.6	6.4	6.9	6.7	7.0	7.8	8.0	7.9	8.8	10.1	10.7	8.7	8.6	10.2	10.1	23
10/14/2024	11.6	12.6	12.3	11.4	12.2	11.9	13.4	13.4	13.1	13.4	13.6	14.8	12.7	13.1	11.9	10.6	10.5	11.5	10.1	10.0	7.2	5.9	5.7	5.4	11.2	24
10/15/2024	5.0	4.8	4.6	4.7	4.9	5.0	5.2	5.2	5.7	5.3	5.8	7.0	7.0	6.2	6.4	6.6	6.3	5.6	5.8	7.0	7.7	7.4	7.2	13.5	6.2	24
10/16/2024	10.7	7.9	5.6	5.3	3.9	3.3	3.2	3.8	3.9	3.2	3.2	3.5	3.7	3.7	3.8	4.1	4.1	3.6	3.6	3.5	3.5	4.0	3.4	2.9	4.2	24
10/17/2024	3.1	4.2	4.7	4.5	4.2	4.0	5.2	4.8	4.2	3.9	3.9	3.8	4.0	4.2	4.2	4.2	4.9	5.9	5.7	5.7	5.4	5.1	4.9	5.2	4.6	24
10/18/2024	5.6	5.5	5.8	6.0	8.8	9.0	9.1	8.0	6.5	6.1	5.7	5.2	5.4	5.5	5.5	5.6	6.1	6.5	5.9	5.0	4.7	5.5	5.6	5.9	6.2	24
10/19/2024	6.3	6.7	6.1	6.0	7.1	6.4	6.0	5.8	5.1	4.9	4.7	5.0	4.5	4.6	4.9	5.1	4.8	4.9	5.3	8.3	7.0	8.0	8.9	9.5	6.1	24
10/20/2024	9.4	9.8	8.7	8.4	8.0	8.2	7.5	6.7	5.8	5.5	5.5	5.0	5.1	5.0	5.0	5.4	5.6	5.7	5.3	6.5	7.9	10.8	10.8	10.4	7.2	24
10/21/2024	10.5	10.1	8.2	8.0	7.8	7.7	8.2	8.5	7.9	7.0	5.5	5.0	4.5	3.9	3.6	3.6	3.5	3.6	3.8	3.3	2.7	3.6	4.5	6.8	5.9	24
10/22/2024	7.0	5.9	6.2	6.1	5.1	5.3	5.8	6.4	6.8	5.8	4.9	4.7	4.9	4.3	3.9	3.9	3.8	4.3	4.1	3.5	3.5	4.1	4.6	5.5	5.0	24
10/23/2024	5.9	5.4	5.8	6.1	7.4	8.0	8.3	7.7	8.2	8.8	7.0	5.8	5.6	5.4	5.5	5.4	5.6	6.2	6.8	7.3	8.8	11.5	9.8	10.0	7.2	24
10/24/2024	11.1	11.1	10.4	10.9	11.4	14.4	14.6	15.5	14.7	15.2	16.6	14.8	12.7	12.7	12.7	13.2	10.7	11.1	12.0	12.9	13.4	14.2			13.0	22
10/25/2024											15.0	11.7	12.0	11.2	11.1	11.1	11.1	11.1	11.7	14.4	16.1	18.2			12.9	12
10/26/2024										14.8	12.9	12.6	12.6	13.1	13.5	13.6	13.4	12.5	12.3	11.9	11.9	12.5	13.9	15.9	13.2	15
10/27/2024	16.5				18.7										17.9	13.7	12.2	17.1	20.1	16.7	12.7	9.2	8.0	7.6	14.2	12
10/28/2024	7.1	6.8	6.6	6.4	6.2	6.7	7.3	8.1	8.8	8.9	8.5	8.2	8.5	9.1	9.1	9.6	8.6	8.4	8.4	6.2	4.8	5.1	5.1	5.6	7.4	24
10/29/2024	5.9	6.2	7.4	7.3	7.9	8.5	7.7	8.1	7.7	7.2	5.8	4.9	5.8	6.9	6.6	4.3	5.9	6.5	7.4	3.2	1.4	1.6	2.3	2.7	5.8	24
10/30/2024	2.2	2.1	2.5	3.1	3.6	3.8	4.4	5.4	4.2	4.3	3.2	3.6	3.0	3.6	2.9	2.7	2.6	2.6	2.7	2.9	2.6	2.7	2.7	2.4	3.2	24
10/31/2024	2.7	2.9	4.1	4.5	4.8	5.6	6.1	5.7	4.2	3.5	2.7	2.7	2.9	2.8	2.7	2.6	2.4	2.4	1.9	1.5	1.7	2.2	1.8	1.5	3.2	24
avg	7.5	6.8	6.9	6.4	7.7	7.4	7.5	7.3	6.7	6.9	6.9	6.7	6.6	6.6	7.0	6.7	6.6	6.8	7.0	6.9	6.8	7.5	6.5	7.1	7.4	
min	2.2	2.1	2.5	3.1	3.6	3.3	3.2	3.8	3.7	3.2	2.7	2.7	2.9	2.8	2.7	2.6	2.4	2.4	1.9	1.5	1.4	1.6	1.8	1.5	3.2	
max	16.5	12.6	15.8	11.4	18.7	17.1	16.8	15.5	14.7	15.2	16.6	14.8	12.7	13.1	17.9	13.7	13.4	17.1	20.1	16.7	16.1	18.2	13.9	15.9	14.2	506

Saroad Table - Hourly PM2.5 Data
October 2024

Location: Ocean Terminal **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
10/1/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/2/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/3/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/4/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/5/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/6/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/7/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/8/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
10/9/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	7.3	7.7	6.8	6.0	5.2	4.9	4.5	6.3	8
10/10/2024	4.4	3.0	2.9	4.2	5.3	3.3	3.0	3.4	3.5	3.7	3.5	4.0	4.5	5.2	5.4	5.0	4.8	4.6	4.3	4.7	5.1	4.5	4.4	3.8	4.2	24
10/11/2024	3.5	3.9	3.6	4.0	4.0	3.8	3.9	3.7	4.2	4.1	3.5	4.4	4.6	4.3	4.1	5.3	4.6	4.3	3.9	3.3	3.8	4.0	5.4	6.6	4.2	24
10/12/2024	7.2	7.9	7.6	7.0	6.7	5.4	5.3	5.7	5.0	5.8	4.8	5.1	5.8	6.6	6.4	5.1	4.3	3.6	3.7	4.6	5.0	8.9	11.1	10.9	6.2	24
10/13/2024	10.5	11.5	15.8	16.3	17.1	15.2	11.6	11.4	8.5	7.5	7.0	6.8	7.5	7.5	7.6	8.4	8.6	8.8	9.6	11.6	10.4	8.8	8.8	10.7	10.3	24
10/14/2024	11.9	12.9	12.4	11.5	12.4	12.0	13.7	14.1	13.5	14.3	15.0	14.4	14.0	14.6	13.5	12.1	11.8	11.6	11.1	11.1	8.2	7.3	7.2	7.0	12.0	24
10/15/2024	6.6	5.2	6.5	6.5	5.9	4.5	4.6	6.1	6.6	5.8	6.6	6.3	7.1	7.7	6.9	6.9	6.3	6.1	6.9	7.3	6.9	5.6	5.8	9.4	6.4	24
10/16/2024	10.5	6.9	6.6	5.1	4.1	3.6	3.7	4.0	4.2	3.6	3.6	3.3	3.8	4.0	3.9	4.5	4.7	3.6	3.7	3.4	3.6	4.4	3.2	2.8	4.4	24
10/17/2024	3.2	4.3	4.2	4.2	4.3	4.1	5.4	6.4	5.3	4.9	4.5	4.3	5.0	5.5	5.2	5.6	5.6	6.3	6.8	7.4	7.1	4.4	5.3	5.2	5.2	24
10/18/2024	4.8	5.5	5.7	6.2	9.5	9.7	10.0	9.1	8.5	7.5	6.2	5.7	5.7	5.9	5.7	6.1	6.0	6.2	5.2	4.0	4.4	5.9	5.3	5.9	6.4	24
10/19/2024	7.7	8.6	7.3	6.9	7.3	6.7	6.0	6.1	12.9	11.2	7.6	7.8	5.5	5.5	5.6	7.0	4.9	4.7	4.7	7.5	6.6	7.8	8.9	9.8	7.3	24
10/20/2024	10.0	10.4	9.0	8.9	8.8	9.4	8.4	7.3	8.8	6.0	5.6	5.7	6.3	5.8	5.7	5.7	6.0	5.8	5.8	5.4	5.9	6.5	7.2	8.9	7.2	24
10/21/2024	8.5	8.1	8.4	8.7	8.3	8.1	9.5	9.0	8.6	7.0	6.8	5.9	5.0	4.9	5.9	5.4	4.4	3.1	3.7	2.9	2.8	3.7	4.3	6.9	6.2	24
10/22/2024	7.2	6.3	6.6	9.0	5.1	5.4	5.8	6.5	8.2	7.4	7.0	4.1	4.0	3.7	3.5	3.8	3.5	3.5	2.9	2.8	3.3	3.7	4.4	5.1	5.1	24
10/23/2024	5.9	5.5	5.2	6.5	7.0	7.1	7.4	7.8	9.2	9.2	6.7	5.9	6.1	6.7	6.3	6.2	6.4	6.0	6.9	8.9	11.6	11.3	10.5	12.6	7.6	24
10/24/2024	12.7	13.0	12.6	13.5	13.9	16.3	16.0	15.7	18.0	19.0	17.1	14.3	12.6	12.8	12.9	12.8	11.1	11.7	13.5	14.2	14.8	14.2	15.2	15.9	14.3	24
10/25/2024	15.9	16.0	19.4	20.0					21.8	18.7	14.6	13.9	14.5	12.3	11.9	11.7	12.3	13.0	14.5	14.5	15.8	18.5		20.0	15.8	19
10/26/2024	19.6	20.3	21.7	24.7	26.0	25.2	25.8	25.9	26.0	15.5	13.7	13.5	13.9	14.0	14.6	14.9	14.4	14.3	13.7	13.4	13.1	13.9	15.4	16.3	17.9	24
10/27/2024	17.2	19.4	19.8	18.4	20.4	21.5	22.4			26.4			23.5	24.1	19.4	15.3	12.6	17.4	19.7	16.6	12.3	9.0	7.6	7.4	17.5	20
10/28/2024	6.8	6.4	6.5	5.6	5.5	6.2	7.0	7.6	8.3	8.2	8.1	7.9	8.3	9.0	8.9	9.2	8.7	8.1	7.6	5.4	4.8	5.2	5.1	5.1	7.1	24
10/29/2024	5.6	5.6	6.5	6.9	7.1	7.8	7.2	7.2	7.1	6.3	4.7	4.6	5.5	6.5	6.1	4.4	6.0	6.4	6.7	1.5	0.8	1.2	2.2	2.5	5.3	24
10/30/2024	2.2	2.0	2.4	2.8	3.2	3.2	3.3	3.8	3.7	3.0	2.5	2.6	2.7	2.7	2.8	2.6	2.5	2.2	2.3	2.1	2.4	2.0	2.0	2.1	2.6	24
10/31/2024	2.1	2.4	2.3	2.9	4.2	4.8	5.7	4.6	5.4	3.4	2.9	3.0	2.9	2.9	3.1	3.0	2.8	2.0	1.5	1.3	1.9	1.6	0.9	1.6	2.9	24
avg	8.4	8.4	8.8	9.1	8.9	8.7	8.8	8.3	9.4	9.0	7.2	6.8	7.7	7.8	7.5	7.3	7.0	7.0	7.2	7.0	6.8	6.9	6.6	7.9	7.9	
min	2.1	2.0	2.3	2.8	3.2	3.2	3.0	3.4	3.5	3.0	2.5	2.6	2.7	2.7	2.8	2.6	2.5	2.0	1.5	1.3	0.8	1.2	0.9	1.6	2.6	
max	19.6	20.3	21.7	24.7	26.0	25.2	25.8	25.9	26.0	26.4	17.1	14.4	23.5	24.1	19.4	15.3	14.4	17.4	19.7	16.6	15.8	18.5	15.4	20.0	17.9	527

Saroad Table - Hourly PM2.5 Data
October 2024

Location: Cockspur Island **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
10/1/2024	4.6	5.8	7.6	10.3	13.0	13.8	15.9	18.8	22.2	26.4	47.4	51.1	23.8	18.6	11.9	11.2	11.0	12.2	12.0	13.3	14.5	14.6	14.6	14.9	17.1	24
10/2/2024	17.0	16.8	18.4	20.1	19.7	20.4	19.3	14.2	11.4	12.6	13.4	12.3	10.0	9.2	8.2	6.8	5.7	3.9	3.3	3.5	3.0	3.1	3.3	3.4	10.8	24
10/3/2024	3.2	3.1	2.7	1.8	1.2	2.0	2.0	1.9	2.2	2.4	2.8	2.5	2.8	3.0	2.6	2.2	2.1	1.7	1.7	1.6	1.5	1.2	1.2	1.0	2.1	24
10/4/2024	1.2	1.1	1.3	1.0	1.1	1.1	1.1	1.0	0.9	0.8	1.2	1.7	1.3	1.1	1.0	0.8	0.7	0.9	1.4	0.8	0.2	0.2	0.1	0.1	0.9	24
10/5/2024	0.4	0.5	0.5	0.3	1.6	1.1	1.6	0.4	0.8	2.0	3.5	3.5	3.4	4.8	4.1	2.5	2.8	2.3	3.5	3.8	3.7	3.6	4.3	4.5	2.5	24
10/6/2024	4.4	4.7	4.3	4.6	4.6	4.8	4.2	4.3	5.0	5.8	5.1	4.9	4.4	3.7	3.3	4.0	4.8	5.0	5.3	5.5	5.9	6.5	6.5	6.6	4.9	24
10/7/2024	6.6	7.5	8.2	8.4	7.7	8.8	8.1	8.3	7.3	7.4	8.7	9.4	9.6	10.0	10.9	9.4	9.1	8.6	8.5	9.0	8.4	7.5	6.9	6.4	8.4	24
10/8/2024	6.6	6.3	8.6	9.9	9.5	9.8	9.8	6.6	6.2	7.4	9.1	10.1	10.3	10.9	11.1	11.9	11.4		11.2	11.1	10.8	10.8	10.3	10.0	9.5	23
10/9/2024	9.6	9.3	8.3	6.5	6.3	6.4	5.8	5.1	4.4	4.9	5.2	5.1	5.1	4.8	4.0	3.8	4.0	3.5	3.6	3.5	2.6	2.8	2.8	2.7	5.0	24
10/10/2024	2.5	3.0	2.4	2.1	2.1	2.3	2.1	1.8	2.3	2.6	2.9	2.6	3.3	3.6	3.5	3.4	3.1	2.9	2.7	3.1	2.9	2.6	2.5	2.2	2.7	24
10/11/2024	2.1	2.0	1.9	1.7	1.6	1.4	1.3	1.3	1.3	1.5	1.9	2.3	2.2	2.4	2.7	2.7	2.7	2.8	2.8	3.2	2.7	3.5	6.7	6.3	2.5	24
10/12/2024	6.8	5.4	8.2	6.5	3.5	4.1	4.5	4.3	4.4	3.6	5.6	4.8	4.1	4.0	3.7	3.2	3.1	2.5	2.0	1.6	1.3	1.1	1.6	2.5	3.8	24
10/13/2024	2.3	2.7	4.1	5.9	8.8	9.5	8.6	4.5	6.3	8.5	6.1	6.3	6.3	6.3	6.4	6.8	5.6	4.8	4.5	4.2	4.3	4.5	4.7	6.0	5.7	24
10/14/2024	7.3	7.5	8.1	8.4	9.8	9.8	9.9	9.8	10.7	11.9	12.8	12.3	11.5	12.0	11.7	10.8	10.3	10.6	13.2	8.1	5.7	4.8	4.4	4.3	9.4	24
10/15/2024	4.5	3.6	3.4	3.3	3.5	4.3	3.6	3.5	4.1	3.9	4.9	5.3	5.3	5.6	5.9	5.3	5.0	4.8	4.7	4.6	4.7	4.5	4.7	4.9	4.5	24
10/16/2024	5.6	7.6	5.5	3.6	2.6	2.2	2.0	1.8	2.2	2.4	2.2	2.5	3.9	5.3	2.9	2.9	2.8	2.5	2.4	2.5	3.0	2.8	3.3	3.3	3.2	24
10/17/2024	2.9	2.5	2.4	2.4	2.1	2.6	2.3	2.1	-	-	-	3.0	3.1	3.4	3.5	3.6	3.2	3.1	2.8	2.9	3.0	3.7	3.6	3.1	2.9	21
10/18/2024	3.2	2.8	3.3	4.7	5.4	4.9	3.8	2.9	2.5	2.3	2.8	3.2	3.1	3.3	3.5	3.4	3.5	3.3	3.0	3.1	3.7	3.2	2.8	3.5	3.4	24
10/19/2024	2.6	2.7	2.9	2.8	3.3	2.8	2.5	2.2	2.2	2.5	2.6	2.6	3.0	3.4	4.4	6.3	4.6	2.8	3.2	5.0	4.6	4.1	4.5	5.0	3.4	24
10/20/2024	5.8	4.9	4.4	4.1	3.9	3.5	3.5	3.0	3.3	3.6	3.6	3.8	3.7	4.0	4.1	3.8	3.5	3.1	2.5	2.8	3.3	4.0	4.3	4.5	3.8	24
10/21/2024	4.7	4.2	4.3	4.3	4.8	3.2	3.5	3.5	3.3	3.9	3.3	3.5	3.5	3.3	3.6	2.5	2.8	2.0	2.2	1.9	1.9	1.8	1.8	1.6	3.1	24
10/22/2024	1.8	1.6	1.5	1.7	1.7	2.5	2.6	3.1	3.2	3.7	3.2	3.7	3.2	2.9	2.0	2.1	2.3	2.0	1.8	2.2	2.2	2.3	2.3	2.6	2.4	24
10/23/2024	3.8	3.4	3.3	4.1	4.0	4.3	5.1	5.2	5.5	4.8	4.4	4.2	5.6	6.5	6.4	5.9	5.3	4.6	4.0	4.0	4.7	4.4	5.4	5.4	4.8	24
10/24/2024	6.8	6.8	7.6	8.1	9.0	11.8	11.9	13.6	16.6	14.5	12.3	13.0	11.3	12.4	10.8	9.6	10.0	11.3	11.6	11.3	11.8	11.8	11.9	12.1	11.2	24
10/25/2024	12.9	14.3	16.8	16.9	17.8	19.0	19.4	18.6	16.6	15.1	15.4	15.1	13.7	12.5	11.8	11.2	10.5	11.2	11.1	11.4	13.4	12.6	19.1	16.0	14.7	24
10/26/2024	13.0	11.8	8.9	11.2	15.5	19.9	23.1	22.3	16.9	14.0	11.0	11.7	13.0	12.1	10.5	10.0	9.9	8.8	8.3	8.7	9.3	9.7	10.2	11.0	12.5	24
10/27/2024	11.2	11.0	12.9	13.5	14.4	16.0	17.1	18.9	23.2	24.8	25.7	25.1	22.3	19.6	11.2	8.3	9.9	13.5	10.7	9.2	7.4	5.5	5.5	5.3	14.3	24
10/28/2024	6.1	5.4	4.7	3.9	3.9	4.0	5.3	6.8	6.0	6.6	7.0	7.4	8.2	8.2	7.5	6.6	6.1	5.1	3.4	2.6	2.9	2.7	2.9	3.5	5.3	24
10/29/2024	4.0	3.9	4.2	4.0	4.2	4.4	4.2	4.0	4.1	3.4	3.1	3.6	4.5	4.3	4.0	4.7	2.0	1.7	1.3	0.8	1.3	1.9	2.0	2.1	3.2	24
10/30/2024	1.7	1.9	1.9	1.4	1.8	2.9	2.2	3.4	2.6	2.9	2.9	2.4	2.4	2.1	2.2	2.2	1.9	2.1	1.7	1.8	2.1	1.6	1.5	2.1	2.2	24
10/31/2024	2.5	2.5	2.7	2.6	2.8	3.0	2.7	2.5	2.5	2.8	2.3	2.3	2.5	2.4	2.4	2.5	1.4	0.7	0.3	0.4	1.0	0.9	0.5	0.2	1.9	24
avg	5.4	5.4	5.6	5.8	6.2	6.7	6.7	6.4	6.7	7.0	7.7	7.8	6.8	6.6	5.9	5.5	5.2	4.8	4.9	4.8	4.8	4.7	5.0	5.1	5.9	
min	0.4	0.5	0.5	0.3	1.1	1.1	1.1	0.4	0.8	0.8	1.2	1.7	1.3	1.1	1.0	0.8	0.7	0.7	0.3	0.4	0.2	0.2	0.1	0.1	0.9	
max	17.0	16.8	18.4	20.1	19.7	20.4	23.1	22.3	23.2	26.4	47.4	51.1	23.8	19.6	11.9	11.9	11.4	13.5	13.2	13.3	14.5	14.6	19.1	16.0	17.1	740

Saroad Table - Hourly PM2.5 Data
October 2024

Location: Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
10/1/2024	9.5	10.5	13.7	16.0	16.3	17.7	18.4	19.6	21.3	18.6	15.2	15.8	15.6	11.8	12.3	12.7	12.1	13.5	19.9	16.5	17.6	18.8	21.8	20.2	16.1	24
10/2/2024	20.9	21.5	21.4	19.5	20.0	23.6	22.3	20.0	17.4	16.8	14.5	12.2	10.1	9.4	9.6	9.3	8.6	8.8	6.6	5.8	5.3	5.8	6.5	6.9	13.4	24
10/3/2024	5.9	6.7	7.3	11.0	8.7	9.2	12.4	8.9	6.1	4.9	4.5	4.5	4.2	4.2	4.1	3.8	3.4	2.8	2.5	2.3	2.3	2.4	2.2	1.9	5.3	24
10/4/2024	1.9	2.3	2.6	3.7	3.0	2.0	2.8	6.8	4.6	3.3	3.3	3.8	3.3	3.5	3.2	2.7	2.8	3.7	3.2	4.1	7.0	4.8	3.6	5.3	3.6	24
10/5/2024	3.5	4.4	6.0	11.2	9.3	9.8	8.0	4.5	3.0	6.2	5.8	6.0	5.7	5.5	5.6	5.6	4.1	4.0	3.5	4.4	6.0	7.3	7.3	7.4	6.0	24
10/6/2024	7.9	8.7	9.1	9.3	9.1	8.8	8.5	8.9	8.8	7.9	8.1	8.1	7.4	6.4	6.4	6.7	7.0	6.7	7.5	8.4	8.8	12.7	13.5	13.2	8.7	24
10/7/2024	13.2	14.3	15.9	15.8	15.4	16.7	14.7	18.9	12.3	11.2	10.4	10.4	10.5	10.6	10.9	10.9	10.9	10.7	10.9	12.0	12.2	12.3	14.0	15.4	12.9	24
10/8/2024	15.7	16.9	18.2	17.7	18.7	18.6	19.3	18.9	12.7	11.6	12.1	12.8	12.7	12.6	13.0	13.7	13.7	14.0	12.0	12.9	15.3	16.8	16.5	16.4	15.1	24
10/9/2024	19.1	19.0	17.0	15.8	14.6	11.9	11.0	10.2	9.6	8.9	8.6	8.9	8.7	7.5	7.0	8.6	6.6	7.4	7.8	6.2	5.3	5.1	5.0	7.5	9.9	24
10/10/2024	5.2	4.1	4.4	5.3	6.1	3.9	4.8	4.7	5.3	5.1	5.2	5.6	5.9	6.6	6.5	6.4	6.2	6.1	6.1	7.6	7.7	7.2	5.8	4.6	5.7	24
10/11/2024	4.5	7.1	7.6	7.8	9.4	9.9	7.7	5.9	4.0	4.0	4.2	4.3	4.4	4.5	4.3	4.3	4.5	5.3	5.9	6.2	8.7	10.2	10.7	10.3	6.5	24
10/12/2024	10.4	10.7	10.9	10.6	9.3	8.5	7.5	5.4	5.6	5.5	6.0	9.0	7.1	6.8	5.9	4.8	6.0	4.0	3.7	7.9	9.7	5.5	6.8	11.5	7.5	24
10/13/2024	10.0	11.7	13.7	17.9	18.2	15.4	14.1	12.2	8.2	7.6	7.2	6.9	7.2	7.0	7.1	7.7	7.7	8.1	9.6	12.1	10.9	9.8	18.9	15.4	11.0	24
10/14/2024	16.7	13.7	11.7	11.1	11.7	11.9	12.1	13.0	13.1	13.3	13.4	12.7	12.1	12.6	11.9	11.0	10.9	10.8	10.2	9.8	6.8	5.7	5.5	5.2	11.1	24
10/15/2024	5.2	4.6	4.5	4.6	4.7	5.0	5.6	6.4	6.7	5.7	6.5	7.4	6.5	6.0	6.2	5.9	5.7	5.9	6.4	7.5	9.1	10.6	11.1	16.3	6.8	24
10/16/2024	9.3	7.2	5.8	5.5	5.1	4.5	4.0	4.2	4.6	4.2	4.3	4.6	4.4	4.5	4.3	5.0	5.4	4.8	4.1	5.3	6.7	6.4	6.6	8.1	5.4	24
10/17/2024	7.2	9.1	9.2	10.5	11.2	10.7	12.0	8.5	6.6	5.7	4.9	4.9	4.8	4.8	4.5	4.3	5.9	7.4	9.4	6.6	6.8	5.8	5.5	6.6	7.2	24
10/18/2024	8.7	9.7	11.4	12.4	15.7	13.4	12.4	11.6	9.0	6.9	6.3	6.3	5.9	5.9	6.0	6.2	5.6	6.4	6.8	4.9	5.3	5.9	6.1	7.1	8.2	24
10/19/2024	9.8	10.3	9.7	11.0	11.2	11.1	10.3	8.1	7.1	6.4	5.5	5.6	5.7	5.4	5.6	5.9	5.7	6.2	7.1	8.3	9.4	10.5	12.9	12.1	8.4	24
10/20/2024	12.8	12.6	11.7	12.1	12.6	12.4	11.2	10.6	8.0	6.7	6.5	6.4	8.2	9.5	14.5	8.2	12.7	12.4	8.0	7.4	9.8	10.6	10.1	10.6	10.2	24
10/21/2024	11.9	12.2	12.1	11.8	10.9	9.4	11.9	13.1	11.0	10.1	6.6	6.2	5.1	4.4	4.0	4.1	3.9	3.7	13.6	5.2	3.8	5.7	7.3	9.3	8.2	24
10/22/2024	11.0	9.4	11.4	7.6	7.8	8.2	8.8	9.6	7.3	6.3	5.6	5.0	5.5	4.7	4.2	4.2	4.1	4.0	3.8	3.3	4.1	6.1	6.2	7.4	6.5	24
10/23/2024	8.3	7.4	6.9	11.4	13.2	11.1	10.2	12.1	11.4	12.2	8.3	7.2	6.4	5.9	5.6	5.9	6.0	6.9	7.6	8.6	8.9	9.4	9.5	10.6	8.8	24
10/24/2024	10.2	10.0	10.4	11.0	15.8	16.1	15.8	15.1	14.3	14.1	15.7	14.4	12.7	12.7	12.8	13.5	11.1	10.9	11.8	13.1	13.6	15.5	16.9	18.3	13.6	24
10/25/2024	19.7	21.5	22.1	25.7	41.2	44.9	44.7	25.3	20.2	17.1	13.8	12.2	12.0	11.2	11.0	11.1	11.2	11.5	11.9	16.0	18.9	22.7	39.8	24.0	21.2	24
10/26/2024	23.0	23.3	22.1	23.6	24.0	22.3	22.9	21.3	19.7	14.9	12.1	11.9	11.9	12.4	13.1	13.4	14.0	12.6	12.2	12.0	12.3	14.0	14.7	17.3	16.7	24
10/27/2024	16.2	19.3	17.9	17.7	19.2	21.0	21.6	25.0	49.8	27.9	25.7	23.5	22.1	21.5	19.0	14.1	12.5	21.6	22.4	17.8	13.7	11.4	8.9	8.6	19.9	24
10/28/2024	9.1	9.0	9.1	8.4	9.4	10.0	11.7	11.3	11.1	12.2	9.6	9.4	9.2	9.8	10.7	9.7	8.7	8.8	7.7	6.5	5.5	6.1	6.1	6.8	9.0	24
10/29/2024	9.1	11.6	15.9	14.9	14.8	13.8	13.1	12.0	9.1	7.9	6.8	5.2	8.9	7.7	7.4	4.8	7.1	8.9	9.5	4.9	1.6	2.2	3.3	4.2	8.5	24
10/30/2024	3.0	3.2	4.3	5.0	4.5	5.9	6.1	5.2	4.7	4.4	3.5	3.4	3.5	3.3	3.1	3.1	3.3	3.2	5.3	3.5	3.1	3.3	2.5	2.6	3.9	24
10/31/2024	2.9	3.1	4.8	6.1	9.1	9.4	7.8	5.5	5.7	4.6	3.7	3.5	3.6	3.3	3.1	2.8	2.8	2.9	2.3	2.3	2.5	3.0	2.1	1.9	4.1	24
avg	10.4	10.8	11.2	12.0	12.9	12.8	12.7	11.7	10.9	9.4	8.5	8.3	8.1	7.8	7.8	7.4	7.4	7.9	8.4	8.0	8.3	8.8	9.9	10.1	9.7	
min	1.9	2.3	2.6	3.7	3.0	2.0	2.8	4.2	3.0	3.3	3.3	3.4	3.3	3.3	3.1	2.7	2.8	2.8	2.3	2.3	1.6	2.2	2.1	1.9	3.6	
max	23.0	23.3	22.1	25.7	41.2	44.9	44.7	25.3	49.8	27.9	25.7	23.5	22.1	21.5	19.0	14.1	14.0	21.6	22.4	17.8	18.9	22.7	39.8	24.0	21.2	744

Saroad Table - Hourly PM2.5 Data
October 2024

Location: Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
10/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/4/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/5/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/6/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/7/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.80	0.73	0.72	0.84	1.06	0.89	0.93	0.51	0.51	0.78	9
10/10/2024	0.46	0.58	0.56	0.42	0.57	0.52	0.41	0.40	0.58	0.60	0.42	0.43	0.47	0.43	0.38	0.48	0.40	0.27	0.28	0.49	0.34	0.31	0.23	0.23	0.43	24
10/11/2024	0.42	0.67	0.50	0.39	0.54	0.80	0.53	0.64	1.07	1.21	0.65	0.46	0.29	0.35	0.25	0.28	0.27	0.32	0.46	0.73	1.96	1.86	1.73	1.73	0.75	24
10/12/2024	2.89	3.66	3.85	3.04	3.13	2.36	1.77	1.48	1.81	1.44	0.46	0.22	0.40	0.23	0.25	0.29	0.30	0.43	0.62	0.74	0.91	1.52	1.26	1.26	1.43	24
10/13/2024	1.36	1.22	1.06	1.39	1.49	1.64	1.60	1.45	1.64	0.89	0.59	0.53	0.33	0.28	0.31	0.35	0.41	0.55	0.61	0.81	0.98	1.58	1.26	1.26	0.98	24
10/14/2024	0.90	0.92	1.03	0.92	0.72	0.64	0.67	0.81	0.92	0.89	0.73	0.81	0.65	0.64	0.59	0.50	0.46	0.47	0.55	0.76	0.88	0.48	0.41	0.41	0.70	24
10/15/2024	0.44	0.66	0.54	0.26	0.41	0.42	0.50	0.58	1.19	0.84	0.90	0.90	0.77	0.43	0.33	0.36	0.31	0.34	0.50	0.70	1.39	1.60	2.67	2.67	0.82	24
10/16/2024	3.17	1.25	0.82	0.54	0.59	0.51	0.79	0.50	0.46	0.43	0.20	0.27	0.17	0.20	0.21	0.25	0.29	0.34	0.19	0.26	0.32	0.30	0.60	0.60	0.55	24
10/17/2024	1.44	1.41	1.43	0.40	0.29	0.83	1.76	1.02	1.06	0.37	0.66	0.54	0.24	0.14	0.18	0.17	0.17	0.41	0.52	0.49	0.49	0.77	1.05	1.05	0.70	24
10/18/2024	2.44	2.58	2.17	1.77	0.90	0.98	1.08	1.26	1.29	1.15	1.11	0.50	0.40	0.40	0.33	0.40	0.40	0.56	0.63	0.63	1.10	0.95	1.33	1.33	1.07	24
10/19/2024	1.12	1.61	0.85	0.80	0.73	0.91	0.82	1.02	1.48	1.45	1.00	0.71	0.38	0.51	0.28	0.66	0.26	0.42	0.89	1.23	1.07	1.29	1.24	1.24	0.92	24
10/20/2024	1.06	0.75	0.84	0.89	0.95	0.87	0.70	0.88	0.78	0.69	0.48	0.26	0.21	0.27	0.33	0.24	0.28	0.45	0.58	0.72	1.12	1.45	0.85	0.85	0.69	24
10/21/2024	1.57	1.98	1.18	1.14	0.73	0.68	1.12	1.18	1.44	1.62	1.13	0.68	0.64	0.64	0.38	0.47	0.34	0.36	0.70	0.88	0.72	0.85	2.59	2.59	1.07	24
10/22/2024	0.98	0.62	0.65	0.48	1.18	1.34	1.41	1.51	1.88	2.68	1.75	0.84	0.43	0.64	0.31	0.17	0.33	0.47	0.39	0.46	0.57	0.84	1.08	1.08	0.92	24
10/23/2024	1.62	1.62	1.63	1.69	1.09	1.66	1.36	1.83	2.14	1.30	0.82	0.51	0.45	0.31	0.30	0.28	0.33	0.42	0.46	0.64	0.80	0.94	0.80	0.80	0.99	24
10/24/2024	0.84	0.93	1.11	0.97	1.03	1.29	1.37	1.49	1.49	1.41	0.82	0.87	0.71	0.77	0.82	0.58	0.55	0.75	0.80	1.43	1.16	1.18	1.58	1.58	1.06	24
10/25/2024	1.88	2.54	4.20	5.04	4.02	4.26	5.47	5.11	7.52	3.32	1.01	0.63	0.68	0.48	0.43	0.42	0.46	0.51	0.70	0.88	1.06	1.45	1.25	1.25	2.27	24
10/26/2024	2.56	1.79	2.42	2.05	1.92	1.97	1.84	1.39	1.55	2.97	2.30	1.03	0.63	0.67	0.56	0.55	0.63	0.68	0.94	0.99	0.56	0.70	0.70	0.70	1.34	24
10/27/2024	0.71	0.88	0.98	1.29	1.12	1.00	0.98	1.27	2.13	1.19	1.81	0.78	0.85	0.79	0.85	0.92	0.71	0.70	0.89	1.09	1.00	0.90	0.60	0.60	1.00	24
10/28/2024	0.67	0.63	0.44	0.40	0.58	0.54	0.66	0.69	0.76	0.64	0.58	0.67	0.58	0.59	0.48	0.60	0.64	0.63	0.67	0.94	0.79	0.70	0.71	0.71	0.64	24
10/29/2024	1.07	0.97	0.55	0.44	0.46	0.67	0.54	0.77	1.05	1.77	1.65	0.92	1.29	1.61	1.70	1.24	1.06	0.69	0.76	1.16	1.08	0.41	1.10	1.10	1.00	24
10/30/2024	2.18	0.81	1.06	2.53	2.30	2.07	2.84	2.79	3.98	3.06	0.76	0.13	0.12	0.14	0.19	0.22	0.20	0.24	0.28	0.33	0.24	0.32	0.39	0.39	1.15	24
10/31/2024	0.94	0.84	0.89	1.69	3.24	3.23	7.54	12.46	6.26	1.95	0.46	0.12	0.09	0.08	0.39	0.15	0.23	0.12	0.21	0.36	0.39	0.25	0.23	0.23	1.76	24
avg	1.40	1.31	1.31	1.30	1.27	1.33	1.63	1.84	1.93	1.45	0.92	0.58	0.49	0.48	0.45	0.45	0.43	0.47	0.59	0.77	0.86	0.94	1.05	1.05	1.00	
min	0.42	0.58	0.44	0.26	0.29	0.42	0.41	0.40	0.46	0.37	0.20	0.12	0.09	0.08	0.18	0.15	0.17	0.12	0.19	0.26	0.24	0.25	0.23	0.23	0.43	
max	3.17	3.66	4.20	5.04	4.02	4.26	7.54	12.46	7.52	3.32	2.30	1.03	1.29	1.61	1.70	1.24	1.06	0.75	0.94	1.43	1.96	1.86	2.67	2.67	2.27	537

Saroad Table - Hourly PM2.5 Data
October 2024

Location: Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
10/1/2024	0.61	0.68	0.71	1.34	1.68	1.37	1.79	2.44	2.08	1.57	0.88	0.54	0.53	0.76	0.70	0.66	0.75	0.65	0.60	0.66	0.72	0.84	0.86	0.86	1.01	24
10/2/2024	1.23	0.91	0.97	0.94	0.86	0.57	0.42	0.43	0.43	0.37	0.34	0.27	0.29	0.36	0.26	0.19	0.11	0.10	0.08	0.08	0.09	0.10	0.10	0.10	0.40	24
10/3/2024	0.06	0.06	0.09	0.12	0.10	0.10	0.11	0.11	0.09	0.10	0.10	0.07	0.08	0.45	0.10	0.08	0.07	0.07	0.06	0.20	0.13	0.20	0.07	0.07	0.11	24
10/4/2024	0.06	0.19	0.84	0.12	0.14	0.11	0.12	0.17	0.08	0.11	0.07	0.34	0.09	0.14	0.24	0.53	0.33	0.23	0.76	0.20	0.19	0.48	0.23	0.23	0.25	24
10/5/2024	0.67	1.06	0.33	0.44	0.24	0.17	0.35	0.28	0.23	0.24	0.52	0.27	0.11	0.18	0.42	0.13	0.22	0.16	0.16	0.16	0.23	0.17	0.29	0.29	0.30	24
10/6/2024	0.24	0.74	0.69	0.24	0.22	0.23	0.36	0.22	0.22	0.21	0.24	0.22	0.23	0.23	0.25	0.30	0.25	0.23	0.23	0.24	0.24	0.29	0.34	0.34	0.29	24
10/7/2024	0.84	0.61	1.12	0.45	0.41	0.36	0.47	0.29	0.30	0.31	0.35	0.53	0.36	0.40	0.46	0.49	0.58	0.47	0.28	0.23	0.20	0.54	0.26	0.26	0.44	24
10/8/2024	0.52	0.39	0.80	0.72	0.53	0.49	0.41	0.57	0.52	0.41	0.48	0.45	0.47	0.52	0.53	0.57	0.58	0.50	1.31	0.56	0.65	0.62	0.38	0.38	0.56	24
10/9/2024	0.34	0.59	0.40	0.33	0.93	0.33	0.32	0.31	0.31	0.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.42	10
10/10/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/11/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/12/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/13/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/14/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/15/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/16/2024	--	--	--	--	--	--	--	--	--	--	0.16	0.08	0.15	0.16	0.11	0.11	0.21	0.45	0.28	0.50	--	--	--	--	0.22	10
10/17/2024	--	--	--	--	--	--	--	--	0.06	0.20	0.11	0.11	0.14	0.11	0.40	0.23	0.27	0.32	0.55	0.32	0.31	0.56	0.59	0.59	0.30	16
10/18/2024	0.60	0.65	0.46	0.37	0.34	0.30	0.14	0.20	0.13	0.12	0.13	0.16	0.16	0.23	0.24	0.23	0.20	0.53	0.48	0.27	0.41	0.31	0.52	0.52	0.32	24
10/19/2024	0.38	0.60	0.51	0.37	0.29	0.32	0.27	0.26	0.31	0.25	0.17	0.24	0.38	0.25	0.40	1.09	0.59	0.42	0.56	0.68	0.66	0.77	0.70	0.70	0.47	24
10/20/2024	0.57	0.58	0.63	0.70	0.39	0.32	0.77	0.43	0.43	0.20	0.36	0.20	0.15	0.29	0.24	0.15	0.19	0.30	0.35	0.53	0.80	0.92	0.48	0.48	0.44	24
10/21/2024	0.59	1.50	0.44	0.61	0.40	0.47	1.93	0.32	0.92	0.20	0.27	1.86	0.18	0.16	0.30	0.57	0.09	0.11	0.11	0.13	0.16	0.74	0.19	0.19	0.52	24
10/22/2024	0.24	0.35	0.51	0.32	0.37	0.28	0.35	0.23	0.64	0.24	0.23	0.72	1.13	0.18	0.29	0.55	0.35	0.14	0.13	0.26	0.20	0.36	0.53	0.53	0.38	24
10/23/2024	0.49	0.48	0.30	0.33	0.37	0.38	0.40	0.36	0.18	0.87	1.42	0.46	0.23	0.23	0.24	0.25	0.26	0.25	0.23	0.27	0.34	0.40	0.40	0.40	0.40	24
10/24/2024	0.56	0.65	0.70	0.73	0.96	2.03	1.03	0.63	0.74	0.50	0.75	0.51	0.48	0.54	0.68	0.73	0.78	0.77	0.71	0.71	0.72	0.85	0.91	0.91	0.77	24
10/25/2024	0.98	0.66	0.72	0.85	0.82	0.80	0.70	0.79	0.70	0.62	0.60	0.59	0.56	0.57	0.60	0.82	0.89	0.85	1.02	0.91	1.01	1.19	0.60	0.60	0.77	24
10/26/2024	0.49	0.48	0.71	0.95	1.13	1.15	0.91	0.66	0.48	0.54	0.64	0.61	0.57	0.54	0.56	0.63	0.40	0.33	0.36	0.36	0.39	0.43	0.50	0.50	0.60	24
10/27/2024	0.49	0.56	0.62	0.67	0.74	0.83	1.08	1.07	1.26	1.12	1.01	0.95	0.55	0.34	0.30	0.44	0.40	0.35	0.61	0.29	0.65	0.33	0.40	0.40	0.64	24
10/28/2024	0.63	0.25	0.25	0.28	0.31	0.28	0.24	0.22	0.25	0.34	0.34	0.37	0.30	0.26	0.31	0.31	0.21	0.20	0.33	0.21	0.20	1.16	0.31	0.31	0.33	24
10/29/2024	0.41	1.02	0.42	0.88	1.00	0.43	1.02	0.21	0.24	0.26	0.39	0.23	0.50	0.26	0.14	0.15	0.07	0.09	0.09	0.15	0.10	0.10	0.08	0.08	0.35	24
10/30/2024	0.05	0.05	0.03	0.15	0.14	0.75	0.09	0.18	0.16	0.13	0.27	0.09	0.06	0.11	0.11	0.16	0.16	0.07	0.06	0.21	0.08	0.03	0.06	0.06	0.14	24
10/31/2024	0.06	0.08	0.06	0.13	0.14	0.15	0.17	0.38	0.16	0.12	0.14	0.34	0.27	0.48	0.15	0.20	0.11	0.10	0.10	0.23	0.14	0.09	0.04	0.04	0.16	24
avg	0.48	0.57	0.54	0.52	0.54	0.53	0.58	0.47	0.46	0.39	0.42	0.43	0.33	0.32	0.33	0.40	0.34	0.32	0.39	0.35	0.38	0.50	0.38	0.38	0.42	
min	0.05	0.05	0.03	0.12	0.10	0.10	0.09	0.11	0.06	0.10	0.07	0.07	0.06	0.11	0.10	0.08	0.07	0.07	0.06	0.08	0.08	0.03	0.04	0.04	0.11	
max	1.23	1.50	1.12	1.34	1.68	2.03	1.93	2.44	2.08	1.57	1.42	1.86	1.13	0.76	0.70	1.09	0.89	0.85	1.31	0.91	1.01	1.19	0.91	0.91	1.01	564

Saroad Table - Hourly PM2.5 Data
October 2024

Location: Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
10/1/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/3/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/4/2024	--	--	--	--	--	--	--	--	--	--	0.00	0.20	0.20	0.15	0.48	0.51	0.15	0.70	0.29	0.25	0.94	1.36	0.67	0.67	0.47	14
10/5/2024	0.45	1.48	0.73	2.02	4.23	2.71	2.54	3.02	1.25	1.93	2.46	0.46	0.16	0.56	0.19	0.26	0.29	0.58	0.25	0.78	0.15	0.18	0.26	0.26	1.13	24
10/6/2024	0.38	0.50	0.63	0.67	0.58	0.63	0.46	0.33	0.84	0.49	0.47	0.46	0.52	0.56	0.29	0.72	0.35	0.32	0.61	0.54	0.26	0.42	0.35	0.35	0.49	24
10/7/2024	0.58	0.54	0.51	0.83	0.58	0.68	1.17	2.69	1.48	0.65	1.16	0.74	0.37	0.91	0.90	1.21	1.39	0.53	0.54	0.98	0.72	1.04	1.59	1.59	0.97	24
10/8/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/9/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.66	0.64	1.03	2.05	0.64	0.46	0.46	0.85	7
10/10/2024	0.65	1.34	0.39	1.37	1.85	1.81	0.38	0.22	0.23	0.29	0.26	0.21	0.19	0.47	1.57	0.71	0.33	0.23	0.42	0.56	2.44	4.12	1.40	1.40	0.95	24
10/11/2024	0.29	0.27	1.77	0.57	1.21	1.20	2.06	1.21	0.29	0.63	0.96	0.96	1.31	1.22	0.89	0.52	0.51	0.39	0.28	0.69	0.49	0.51	0.52	0.52	0.80	24
10/12/2024	0.91	1.00	1.32	2.07	1.23	1.84	1.19	1.06	2.74	1.39	2.02	1.35	0.70	0.82	0.92	0.85	0.39	0.27	0.39	0.53	0.64	0.71	1.01	1.01	1.10	24
10/13/2024	1.83	2.56	2.97	3.06	2.51	2.19	1.69	1.33	1.35	0.80	0.59	0.50	0.41	0.39	0.44	0.41	0.45	0.46	0.58	0.98	0.87	0.78	0.53	0.53	1.18	24
10/14/2024	0.64	0.79	0.73	0.75	0.77	0.88	0.96	1.33	1.45	1.32	1.20	0.99	0.84	0.86	0.92	0.72	0.62	0.60	0.55	0.87	0.90	0.50	1.44	1.44	0.92	24
10/15/2024	3.13	2.86	1.28	2.31	3.11	1.23	0.30	1.00	2.66	1.15	0.68	0.83	0.64	1.09	1.10	0.67	0.70	0.37	0.40	0.90	0.87	0.95	0.53	0.53	1.22	24
10/16/2024	1.81	2.82	0.63	2.17	1.71	1.33	2.56	2.79	0.45	1.42	0.56	0.75	0.46	0.80	0.71	0.70	0.64	1.36	0.11	1.24	0.44	0.44	2.80	2.80	1.31	24
10/17/2024	0.33	0.29	0.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.33	3
10/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/20/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/21/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/22/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/23/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
10/24/2024	--	--	--	--	--	--	--	--	--	--	3.00	3.75	0.76	0.60	0.63	0.68	0.79	1.14	1.09	1.88	1.32	1.35	1.06	1.06	1.36	14
10/25/2024	1.09	1.08	0.76	1.06	1.31	1.78	1.40	1.47	1.40	1.10	1.04	0.91	0.73	1.31	0.85	1.58	0.64	0.70	1.27	3.32	1.62	1.96	1.69	1.69	1.32	24
10/26/2024	1.84	1.19	1.65	2.17	2.17	1.78	1.52	2.14	2.41	2.13	1.19	0.97	0.82	1.05	1.21	0.79	1.21	0.71	0.69	0.81	0.77	0.66	0.76	0.76	1.31	24
10/27/2024	0.93	0.92	0.96	0.95	0.97	1.18	1.12	0.94	2.08	3.18	1.09	1.05	1.37	1.18	1.47	1.99	1.25	0.46	0.59	0.69	0.45	0.52	0.38	0.38	1.09	24
10/28/2024	0.39	0.41	0.31	0.34	0.29	0.33	0.35	0.41	0.39	0.33	0.33	0.57	0.83	0.49	0.36	0.63	0.53	0.87	0.55	0.66	0.41	0.26	0.24	0.24	0.44	24
10/29/2024	0.28	0.30	0.28	0.30	0.40	0.38	0.41	0.46	0.44	0.40	0.46	0.25	0.36	0.59	0.33	0.94	0.36	0.45	0.66	1.41	0.39	0.25	0.18	0.18	0.44	24
10/30/2024	0.20	0.28	0.20	0.19	0.31	0.38	0.39	0.46	0.61	0.32	0.21	0.18	0.20	0.67	0.18	0.72	0.49	0.39	0.22	1.00	0.45	0.40	0.17	0.17	0.37	24
10/31/2024	0.61	0.13	0.49	0.16	0.22	0.62	0.51	0.68	0.65	1.47	0.44	0.22	0.32	0.70	0.24	0.34	0.27	0.27	0.40	0.91	0.20	0.70	0.50	0.50	0.48	24
avg	0.91	1.04	0.89	1.24	1.38	1.23	1.12	1.27	1.22	1.12	0.95	0.81	0.59	0.76	0.72	0.79	0.60	0.57	0.53	1.00	0.82	0.89	0.83	0.83	0.88	
min	0.20	0.13	0.20	0.16	0.22	0.33	0.30	0.22	0.23	0.29	0.00	0.18	0.16	0.15	0.18	0.26	0.15	0.23	0.11	0.25	0.15	0.18	0.17	0.17	0.33	
max	3.13	2.86	2.97	3.06	4.23	2.71	2.56	3.02	2.74	3.18	3.00	3.75	1.37	1.31	1.57	1.99	1.39	1.36	1.27	3.32	2.44	4.12	2.80	2.80	1.36	446

Saroad Table - Hourly PM2.5 Data
November 2024

Location: Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
11/1/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
11/2/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
11/3/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
11/4/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
11/5/2024	-	-	-	-	-	-	-	-	-	3.4	3.5	3.0	3.1	2.7	3.2	2.8	2.6	3.1	3.2	3.0	2.8	2.8	3.2	3.6	3.1	15
11/6/2024	3.2	2.4	2.5	3.2	2.5	3.4	2.8	3.1	3.7	6.2	3.5	3.0	2.8	3.2	2.6	3.1	3.4	3.1	2.4	2.1	2.1	2.2	2.1	1.7	2.9	24
11/7/2024	1.2	0.0	0.0	0.6	0.2	0.4	1.3	2.7	0.9	1.0	0.4	0.2	0.0	0.0	1.6	1.5	0.8	0.7	1.6	1.5	1.6	1.3	2.3	3.0	1.0	24
11/8/2024	3.7	4.4	4.3	6.1	4.4	3.9	3.9	4.6	4.4	5.3	5.7	5.5	5.2	7.1	6.3	6.1	3.9	3.3	3.9	3.6	3.0	2.4	2.4	2.4	4.4	24
11/9/2024	2.6	2.6	2.6	2.7	4.9	5.3	5.8	6.4	7.7	9.9	11.9	10.5	10.0	10.5	10.9	9.3	6.3	8.4	5.2	5.6	4.7	4.7	4.4	4.2	6.5	24
11/10/2024	3.6	3.6	3.4	3.6	3.3	3.3	3.8	3.7	3.0	3.7	3.9	3.7	4.4	3.1	2.9	3.1	2.7	2.5	2.5	2.5	2.8	3.0	2.5	2.4	3.2	24
11/11/2024	2.5	2.6	1.7	1.3	1.7	2.4	2.3	2.6	3.8	4.2	5.6	6.2	6.5	5.3	6.1	6.9	6.9	6.5	6.2	6.7	7.0	8.0	8.7	9.2	5.0	24
11/12/2024	7.9	8.0	7.3	7.3	7.2	8.2	9.0	9.4	10.3	12.7	11.6	14.1	13.8	11.2	10.2	10.1	7.5	6.4	7.2	4.9	4.8	5.4	6.5	6.2	8.6	24
11/13/2024	5.8	6.1	6.6	6.3	6.1	5.9	5.7	5.4	4.9	4.2	4.2	4.3	4.1	4.2	4.3	3.8	3.2	2.0	1.8	2.1	2.1	2.2	2.1	1.9	4.1	24
11/14/2024	2.0	2.4	2.9	3.0	2.0	1.9	2.2	2.8	2.8	3.5	3.7	3.3	1.6	1.4	1.2	1.3	1.4	1.1	1.2	1.3	1.7	-	-	-	2.1	21
11/15/2024	-	-	-	-	-	-	-	-	-	4.7	5.0	4.5	5.7	5.9	5.3	5.2	4.9	4.3	5.0	-	-	-	-	-	5.1	10
11/16/2024	-	-	-	-	-	-	-	-	7.0	4.3	4.8	5.6	5.0	5.9	5.5	5.6	5.5	5.4	4.1	-	-	-	-	-	5.3	11
11/17/2024	-	-	-	-	-	-	-	-		43.5	8.0	6.9	7.0	7.6	7.8	8.1	7.4	6.4	5.9	-	-	-	-	-	10.9	10
11/18/2024	-	-	-	-	-	-	-	-	16.5	9.1	5.4	6.1	6.4	6.2	6.1	6.0	5.7	5.2	-	-	-	-	-	-	7.3	10
11/19/2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	3.4	3.1	3.4	3.5	3.3	3.1	1.8	0.9	1.2	2.8	10
11/20/2024	1.7	2.2	3.1	3.8	4.7	5.4	6.0	6.5	6.2	5.0	4.0	5.4	7.4	9.6	9.4	9.2	8.9	9.4	11.3	11.1	5.4	4.1	3.7	3.7	6.1	24
11/21/2024	3.2	3.0	2.8	2.6	2.5	2.3	23.3	5.5	3.0	3.4	3.7	3.8	3.9	5.9	4.1	4.8	6.1	6.9	5.4	4.2	4.1	4.1	3.3	3.3	4.8	24
11/22/2024	3.1	3.1	3.0	3.0	2.5	2.3	2.1	2.1	2.5	3.0	3.4	3.6	3.9	4.0	4.0	4.0	4.1	3.7	3.4	3.1	4.6	3.6	3.9	4.2	3.3	24
11/23/2024	4.6	4.5	4.7	5.0	5.0	5.2	5.6	5.6	5.8	5.2	5.1	5.3	5.7	5.8	5.8	6.2	5.7	4.3	3.5	4.0	5.7	7.7	10.1	10.7	5.7	24
11/24/2024	12.2	12.2	12.4	11.6	11.2	13.3	15.7	17.0	15.5	10.7	7.8	6.8	6.6	6.3	6.1	6.1	5.9	5.3	6.0	12.9	14.9	10.5	11.7	12.3	10.5	24
11/25/2024	9.9	9.0	8.7	9.2	9.4	9.9	11.5	11.3	12.0	10.0	9.0	8.8	7.3	6.4	5.8	5.6	5.4	4.9	6.6	6.4	5.6	5.1	5.6	6.6	7.9	24
11/26/2024	8.0	9.8	9.0	8.9	9.5	11.6	9.9	6.6	4.9	3.7	2.8	2.9	2.5	2.2	2.1	2.1	2.3	2.7	3.5	4.4	4.5	4.7	4.5	5.5	5.4	24
11/27/2024	9.6	7.4	6.5	10.1	13.4	14.6	18.1	20.1	20.5	22.0	16.6	12.5	11.4	9.6	9.7	9.1	13.6	14.0	15.8	15.9	18.0	15.2	15.0	14.6	13.9	24
11/28/2024	13.2	11.9	10.2	8.1	7.2	5.1	3.3	2.9	2.9	2.9	2.7	3.8	2.0	1.7	2.0	2.4	2.0	2.3	5.1	4.8	4.6	6.5	6.9	6.2	5.0	24
11/29/2024	4.7	4.1	3.5	3.0	2.9	2.6	2.4	2.6	2.7	2.2	1.9	1.8	1.6	1.5	1.7	3.0	2.5	2.1	1.9	2.9	5.7	7.3	7.2	6.5	3.3	24
11/30/2024	6.8	6.4	5.8	6.0	5.4	5.7	5.4	6.3	7.2	7.6	7.4	7.0	7.2	6.4	5.9	6.1	5.9	4.8	4.5	5.4	5.2	5.3	5.8	6.8	6.1	24
avg	5.5	5.3	5.1	5.3	5.3	5.6	7.0	6.4	6.7	7.7	5.7	5.5	5.4	5.3	5.2	5.2	4.9	4.7	4.8	5.1	5.2	5.1	5.4	5.5	5.6	
min	1.2	0.0	0.0	0.6	0.2	0.4	1.3	2.1	0.9	1.0	0.4	0.2	0.0	0.0	1.2	1.3	0.8	0.7	1.2	1.3	1.6	1.3	0.9	1.2	1.0	
max	13.2	12.2	12.4	11.6	13.4	14.6	23.3	20.1	20.5	43.5	16.6	14.1	13.8	11.2	10.9	10.1	13.6	14.0	15.8	15.9	18.0	15.2	15.0	14.6	13.9	543

Saroad Table - Hourly PM2.5 Data
November 2024

Location: Carver Village **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
11/1/2024	2.3	2.4	3.3	4.1	4.3	4.4	6.5	9.0	4.8	4.6	3.0	3.5	3.4	3.0	2.9	3.0	2.4	2.3	3.0	4.7	5.6	7.2	9.0	4.8	4.3	24
11/2/2024	3.8	3.8	5.1	4.9	5.9	8.0	6.4	6.9	6.4	5.1	4.3	3.5	3.2	3.1	3.1	2.7	2.2	2.0	3.2	7.1	2.6	2.3	2.6	3.3	4.2	24
11/3/2024	3.9	3.9	3.5	3.9	4.1	3.7	4.0	3.7	3.9	5.1	4.6	4.4	4.3	4.5	4.1	4.0	4.1	3.8	5.8	3.7	3.8	4.1	3.9	3.5	4.1	24
11/4/2024	2.9	2.5	2.8	3.7	4.8	4.2	3.6	3.4	3.6	4.3	6.6	5.4	5.6	5.7	3.7	2.1	2.7	2.8	1.4	0.9	3.6	3.1	5.2	5.2	3.7	24
11/5/2024	4.8	4.4	5.2	4.9	3.6	1.6	2.1	2.5	1.7	2.3	3.2	3.5	3.7	3.7	3.7	3.4	3.4	3.2	3.3	2.9	2.4	3.1	5.8	4.2	3.4	24
11/6/2024	2.9	3.9	3.2	3.9	3.5	3.4	2.9	2.4	2.6	3.2	3.2	3.8	3.7	3.6	3.3	3.4	3.1	2.5	2.8	2.7	2.9	3.1	3.3	2.7	3.2	24
11/7/2024	1.3	0.0	0.4	1.0	0.7	0.6	0.0	1.1	1.1	3.1	3.6	1.1	0.0	0.3	1.1	1.7	1.5	1.2	2.2	2.4	2.5	4.3	4.1	5.2	1.7	24
11/8/2024	5.7	5.7	7.3	9.6	7.3	5.6	3.1	3.5	3.1	4.7	5.6	4.9	6.5	6.1	4.9	3.7	3.0	2.9	5.3	3.8	4.9	4.2	4.4	7.9	5.2	24
11/9/2024	5.9	4.8	5.5	5.3	6.1	6.3	8.6	9.6	7.1	10.6	13.5	11.4	10.6	11.2	11.8	8.2	5.9	4.4	4.0	4.3	4.9	5.3	5.3	4.5	7.3	24
11/10/2024	4.4	4.2	4.1	4.0	4.3	6.0	6.5	6.4	4.3	3.9	4.3	4.3	4.1	3.3	3.4	3.2	3.1	3.5	3.5	3.7	5.5	5.0	3.7	2.9	4.2	24
11/11/2024	3.2	3.1	2.0	1.8	2.2	2.5	2.7	3.1	4.1	3.9	5.1	6.9	7.7	6.7	6.0	7.2	7.2	7.5	8.4	9.9	10.1	12.9	12.5	11.8	6.2	24
11/12/2024	12.0	12.7	12.0	11.4	11.6	11.1	10.7	11.8	12.8	16.6	12.9	15.5	16.6	11.2	11.1	8.7	8.2	7.0	7.2	14.1	7.2	5.4	9.3	8.6	11.1	24
11/13/2024	7.2	6.5	6.8	7.2	6.4	6.4	6.1	5.7	5.5	4.6	4.2	4.5	4.3	4.1	3.6	3.2	2.2	2.0	2.0	2.2	2.6	2.6	2.9	2.7	4.4	24
11/14/2024	2.4	2.1	2.4	2.4	2.5	2.1	2.2	2.9	2.8	2.8	3.0	2.9	2.3	1.9	1.8	1.5	1.6	2.0	2.4	3.0	2.1	3.3	3.0	2.8	2.4	24
11/15/2024	3.0	2.7	2.7	2.9	3.5	3.9	4.3	4.4	4.4	5.1	4.7	4.7	5.5	5.4	5.5	5.3	4.9	5.8	5.6	9.0	9.0	8.8	22.3	11.7	6.0	24
11/16/2024	12.3	10.3	11.7	14.3	12.2	11.1	10.9	11.2	6.9	4.9	5.9	6.4	5.8	5.7	6.0	6.0	5.5	5.2	8.6	10.1	14.4		13.3	17.6	9.4	23
11/17/2024	15.9	15.2	15.3	14.5	15.9					17.5	6.3	6.8	8.1	9.0	9.6	10.1	7.6	5.5	6.8	9.0	13.4	16.6	16.7	9.9	11.5	20
11/18/2024	10.8	13.3	13.2	11.8	12.4	13.2	14.4		14.0	9.8	6.3	6.4	6.8	7.4	6.3	6.2	6.3	6.6	6.9	7.6	8.0	6.4	6.4	7.2	9.0	23
11/19/2024	6.8	7.2	6.6	6.2	6.4	7.2	7.1	8.0	9.0	7.2	4.5	5.1	4.5	3.7	3.5	3.8	3.5	5.3	5.0	3.0	2.7	2.3	1.7	2.6	5.1	24
11/20/2024	1.9	2.3	3.4	4.7	5.3	6.1	7.7	8.2	8.0	5.6	4.4	5.5	8.9	12.0	10.5	10.1	10.0	10.7	11.9	10.9	6.3	4.7	4.5	4.5	7.0	24
11/21/2024	3.7	3.6	3.5	3.4	3.2	3.0	3.1	3.2	3.6	3.9	3.8	3.7	4.1	4.1	4.3	6.8	9.8	10.0	4.0	4.6	4.0	3.9	4.5	4.8	4.4	24
11/22/2024	5.9	3.9	3.6	3.3	2.9	2.6	2.5	2.4	2.7	3.1	3.6	3.6	3.9	3.9	4.1	4.1	4.1	4.0	4.0	4.5	4.6	5.2	5.1	5.0	3.9	24
11/23/2024	4.7	5.1	5.3	5.2	6.4	6.4	6.6	7.1	6.7	5.4	6.3	5.5	6.0	5.8	6.0	5.5	5.4	5.2	6.8	9.5	10.7	18.7	23.7	24.4	8.3	24
11/24/2024	21.5	19.0	22.4	20.1	17.3	20.8	24.9	40.0	21.0	11.7	8.7	7.4	6.9	6.8	6.6	6.5	6.3	12.1	23.2		86.3	71.0	26.2	10.2	21.6	23
11/25/2024	17.1	15.7	14.4	20.9	12.4	19.0	17.4	16.6	14.1	11.5	8.8	8.2	8.1	7.1	5.9	5.7	5.3	6.4	7.7	8.4	7.8	7.0	7.2	7.7	10.8	24
11/26/2024	8.5	9.7	9.9	9.6	8.9	8.6	8.7	9.4	6.9	5.6	4.2	3.1	5.0	2.5	2.3	2.5	2.4	2.8	3.4	3.9	5.8	8.4	10.0	9.3	6.3	24
11/27/2024	8.6	8.8	10.2	9.6	12.8	15.8	19.1	23.1	22.0	22.9	17.6	13.6	11.9	11.3	10.4	16.6	17.8	17.6	23.8	17.9	16.3	16.2	16.3	17.4	15.7	24
11/28/2024	17.8	14.8	11.8	10.4	8.0	6.0	4.1	2.8	2.9	2.8	2.2	2.2	2.2	2.2	2.6	3.6	2.6	3.6	5.2	6.5	3.4	5.7	8.5	7.5	5.8	24
11/29/2024	6.2	5.0	4.4	3.8	3.7	3.4	3.3	3.2	3.0	2.6	2.4	2.5	2.5	2.2	2.1	2.9	2.6	2.8	3.2	5.4	8.1	8.9	8.5	7.2	4.2	24
11/30/2024	7.6	7.7	7.5	8.1	8.7	8.6	10.6	10.1	9.1	7.9	7.3	6.9	7.1	7.6	6.9	6.5	6.5	6.7	6.7	6.3	7.3	8.3	9.2	9.2	7.8	24
avg	7.2	6.8	7.0	7.2	6.9	6.9	7.2	7.9	6.8	6.7	5.8	5.6	5.8	5.5	5.2	5.3	5.0	5.3	6.2	6.3	9.0	8.9	8.6	7.5	6.7	
min	1.3	0.0	0.4	1.0	0.7	0.6	0.0	1.1	1.1	2.3	2.2	1.1	0.0	0.3	1.1	1.5	1.5	1.2	1.4	0.9	2.1	2.3	1.7	2.6	1.7	
max	21.5	19.0	22.4	20.9	17.3	20.8	24.9	40.0	22.0	22.9	17.6	15.5	16.6	12.0	11.8	16.6	17.8	17.6	23.8	17.9	86.3	71.0	26.2	24.4	21.6	713

Saroad Table - Hourly PM2.5 Data
November 2024

Location: Woodville **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
11/1/2024	2.3	1.9	3.0	3.9	4.4	5.8	7.2	7.7	6.1	4.9	4.5	3.9	3.7	3.4	3.1	2.8	2.5	2.1	2.4	2.8	3.3	3.6	4.2	4.8	3.9	24
11/2/2024	5.6	6.2	6.7	5.7	4.8	6.4	8.7	8.8	8.4	6.2	5.3	4.1	3.5	3.3	3.0	2.6	2.2	2.3	2.5	2.3	4.1	4.3	2.8	2.5	4.7	24
11/3/2024	3.7	5.8	4.6	5.0	5.1	4.4	4.4	4.8	4.7	5.2	5.7	5.1	4.7	4.6	4.1	3.9	3.5	3.4	3.5	3.4	3.8	4.1	3.9	4.0	4.4	24
11/4/2024	3.6	2.9	3.1	4.5	5.4	5.0	3.9	4.0	3.7	5.2	5.2	5.4	4.8	5.7	4.3	2.2	2.2	3.1	1.6	0.6	2.3	4.5	4.8	5.2	3.9	24
11/5/2024	4.6	5.6	4.6	5.1	4.0	2.6	2.2	2.9	2.8	3.1	4.2	3.4	3.2	3.3	4.0	3.0	3.2	3.1	3.3	2.7	2.5	2.3	2.5	2.9	3.4	24
11/6/2024	2.8	3.0	3.0	2.8	2.9	2.4	2.2	3.5	4.3	3.1	2.8	3.2	3.1	3.3	3.3	3.2	2.9	2.3	2.3	2.4	2.6	3.0	3.0	2.2	2.9	24
11/7/2024	1.2	0.0	0.0	0.8	0.5	0.4	0.0	1.3	1.7	3.4	2.8	0.9	0.0	0.0	0.8	1.5	1.0	0.7	1.7	2.6	5.1	4.7	4.1	5.7	1.7	24
11/8/2024	7.4	5.4	5.1	5.5	4.1	5.4	5.7	7.6	6.6	9.2	7.5	6.6	6.9	10.7	6.7	3.9	3.3	2.9	3.4	3.3	3.0	3.4	3.3	3.2	5.4	24
11/9/2024	3.4	3.4	3.4	5.3	12.2	9.9	8.4	7.7	8.6	12.4	14.1	12.6	11.1	11.0	11.5	8.8	6.1	4.8	4.5	4.8	5.8	5.8	6.1	5.2	7.8	24
11/10/2024	5.2	5.1	5.0	4.6	4.3	4.3	4.8	4.7	4.1	4.6	5.0	4.4	4.1	3.1	3.0	2.9	2.8	2.9	3.9	4.9	4.3	4.2	3.1	3.0	4.1	24
11/11/2024	2.9	3.0	1.7	2.2	2.7	2.6	2.6	3.1	4.5	4.9	6.1	7.3	8.1	6.5	6.4	7.5	7.5	7.6	7.6	8.7	9.8	10.9	11.8	11.4	6.1	24
11/12/2024	10.8	10.8	9.9	10.3	10.3	11.7	13.2	11.7	12.8	14.8	13.9	16.7	17.4	11.7	11.2	9.6	6.9	6.1	6.7	7.3	5.3	6.6	9.6	9.7	10.6	24
11/13/2024	7.6	8.0	8.5	10.9	8.8	7.0	6.5	6.4	6.0	6.0	5.3	5.0	4.6	4.3	3.9	3.0	2.2	1.9	2.2	2.6	2.7	2.9	3.5	3.5	5.1	24
11/14/2024	3.2	2.4	3.6	2.8	3.4	3.2	2.9	3.8	3.2	3.5	3.8	3.3	1.7	1.6	1.5	1.4	1.6	2.2	2.6	2.2	2.1	3.7	3.3	3.1	2.8	24
11/15/2024	3.1	2.9	2.7	2.9	3.5	3.7	3.9	4.1	4.1	5.6	5.3	5.4	5.7	5.5	5.5	5.0	4.9	4.4	4.5	5.5	7.2	7.5	9.0	7.6	5.0	24
11/16/2024	8.8	14.1	14.1	13.5	11.1	10.5	10.6	11.0	8.3	6.8	6.4	6.3	5.7	6.0	5.9	5.6	5.5	5.1	20.6	20.9	18.9	19.1	12.0	13.8	10.9	24
11/17/2024	16.8	15.8	16.9	17.7	19.0	17.1	15.2	14.6	18.0	18.9	9.6	7.5	8.1	8.8	9.8	10.0	8.4	5.3	5.5	7.0	9.6	9.1	8.8	8.9	11.9	24
11/18/2024	8.7	8.7	9.4	10.1	11.7	13.6	11.9	14.9	12.8	10.0	6.7	6.9	8.4	6.7	6.3	5.9	5.8	6.1	6.0	6.4	7.2	6.8	6.9	8.0	8.6	24
11/19/2024	8.3	7.0	7.7	8.6	14.8	11.0	9.7	11.4	11.2	8.1	8.5	6.2	5.1	4.7	4.0	8.9	3.8	3.6	3.2	2.8	2.5	2.1	1.1	1.6	6.5	24
11/20/2024	2.6	2.6	3.4	4.8	5.4	5.9	7.0	8.7	8.4	6.0	4.4	5.2	8.6	11.9	12.4	10.8	10.8	10.9	11.5	11.8	6.8	5.0	4.5	4.2	7.2	24
11/21/2024	3.6	3.4	3.3	3.1	2.9	2.8	2.6	4.1	4.3	4.6	4.5	4.2	4.5	4.3	4.4	6.0	9.1	10.5	3.8	3.7	3.5	4.1	4.7	3.8	4.4	24
11/22/2024	4.4	4.8	4.1	3.3	3.0	2.9	2.4	2.6	3.7	4.0	4.3	4.2	4.2	4.2	4.2	4.0	4.0	4.1	3.6	3.4	4.3	4.2	4.4	5.0	3.9	24
11/23/2024	5.2	4.9	5.1	5.7	5.7	6.9	8.0	7.2	7.2	6.5	6.3	5.9	6.2	6.1	6.2	5.5	5.4	5.1	6.1	4.9	5.4	5.0	8.8	9.8	6.2	24
11/24/2024	11.4	14.3	16.1	16.4	15.9	19.8	24.5	24.7	19.4	13.0	8.9	7.3	6.8	6.4	6.2	6.1	6.5	6.5	5.4	6.6	8.8	11.4	12.4	10.6	11.9	24
11/25/2024	12.0	12.2	12.6	15.0	17.2	18.2	17.3	15.7	14.2	12.3	9.6	9.5	8.7	7.3	6.1	5.4	5.3	6.5	9.3	7.3	7.7	6.9	6.8	7.6	10.4	24
11/26/2024	9.2	10.2	10.3	9.3	9.5	9.7	10.3	9.1	6.2	4.8	4.1	3.0	2.9	2.4	2.6	2.5	2.9	3.6	4.0	5.5	6.2	5.3	5.4	6.4	6.1	24
11/27/2024	8.1	9.2	8.8	11.2	14.9	18.7	22.9	40.2	25.1	25.1	18.1	12.9	12.0	11.7	10.2	12.4	16.5	16.0	19.4	18.4	17.0	16.5	17.4	17.0	16.7	24
11/28/2024	17.7	14.7	11.6	9.6	8.0	5.9	3.5	3.0	2.7	2.4	2.1	2.0	1.8	1.7	2.1	2.3	2.4	2.7	2.5	2.8	3.9	5.2	8.9	7.5	5.3	24
11/29/2024	5.9	4.5	4.2	3.6	3.4	3.2	3.2	3.3	3.1	2.6	2.5	2.3	2.1	2.1	2.1	2.6	2.4	2.3	2.7	5.3	6.9	9.6	9.0	7.4	4.0	24
11/30/2024	8.1	7.3	6.7	6.8	6.9	7.0	7.0	7.8	9.5	8.7	7.7	7.2	7.5	8.1	6.7	6.3	6.3	6.3	6.6	6.8	8.9	10.7	11.2	11.3	7.8	24
avg	6.6	6.7	6.6	7.0	7.5	7.6	7.8	8.7	7.9	7.5	6.5	5.9	5.8	5.7	5.4	5.2	4.9	4.8	5.4	5.7	6.1	6.4	6.6	6.6	6.5	
min	1.2	0.0	0.0	0.8	0.5	0.4	0.0	1.3	1.7	2.4	2.1	0.9	0.0	0.0	0.8	1.4	1.0	0.7	1.6	0.6	2.1	2.1	1.1	1.6	1.7	
max	17.7	15.8	16.9	17.7	19.0	19.8	24.5	40.2	25.1	25.1	18.1	16.7	17.4	11.9	12.4	12.4	16.5	16.0	20.6	20.9	18.9	19.1	17.4	17.0	16.7	720

Saroad Table - Hourly PM2.5 Data
November 2024

Location: GA DNR **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
11/1/2024	1.7	1.8	1.8	2.2	2.8	3.1	3.8	5.5	4.1	3.9	3.8	3.3	3.5	3.2	3.0	2.7	2.5	2.1	2.2	2.5	3.3	4.2	4.4	7.0	3.3	24
11/2/2024	8.8	7.4	7.4	12.4	10.0	8.5	8.0	10.9	12.6	8.3	5.5	3.6	3.3	3.2	2.9	2.4	2.3	2.1	2.2	2.9	5.6	3.9	2.4	2.4	5.8	24
11/3/2024	3.6	4.4	3.6	4.0	4.4	3.7	3.6	4.1	3.7	4.4	4.8	4.2	4.0	3.8	3.8	3.6	3.0	3.1	3.3	3.5	3.4	3.6	3.5	3.8	3.8	24
11/4/2024	3.5	6.0	6.1	6.2	7.6	8.6	5.0	4.3	3.3	4.1	4.6	5.2	4.3	4.9	3.5	1.8	2.1	2.3	1.2	0.5	1.8	4.3	4.0	5.0	4.2	24
11/5/2024	5.3	5.1	5.7	4.1	3.3	3.1	3.0	3.0	2.8	2.7	3.1	3.5	3.2	3.3	3.3	3.0	3.2	3.0	3.6	3.0	2.3	2.3	3.1	3.0	3.4	24
11/6/2024	2.8	2.7	2.9	2.6	2.5	2.4	2.4	4.0	5.1	3.8	3.5	2.8	2.9	3.1	2.9	3.3	3.0	2.4	2.0	2.4	2.5	2.7	2.8	2.3	2.9	24
11/7/2024	1.3	0.0	0.0	1.0	0.6	0.6	0.1	1.2	2.2	1.8	2.9	1.2	0.0	0.3	1.5	1.8	1.3	1.7	1.9	2.6	2.7	3.6	6.3	4.2	1.7	24
11/8/2024	5.5	4.6	4.4	5.1	3.8	3.5	3.9	4.4	4.0	5.7	5.9	5.5	6.6	9.8	4.8	3.9	3.4	3.0	3.1	3.3	4.0	3.3	3.9	3.8	4.6	24
11/9/2024	3.3	3.6	4.7	5.3	9.2	8.6	8.4	8.7	7.1	11.0	13.1	11.5	10.2	10.2	11.0	7.8	5.5	4.4	4.0	4.0	4.6	4.7	4.7	4.3	7.1	24
11/10/2024	4.0	4.1	3.8	5.1	6.2	4.0	4.8	4.6	8.1	6.3	4.1	4.2	4.0	3.2	3.2	3.1	2.9	2.9	3.3	4.2	4.1	3.4	3.0	2.8	4.1	24
11/11/2024	3.0	3.1	1.8	1.8	2.3	2.8	3.0	2.9	4.3	4.5	5.6	6.8	7.4	6.3	6.0	7.1	7.3	7.8	9.2	8.6	9.3	10.7	11.7	10.6	6.0	24
11/12/2024	10.7	10.5	10.2	10.0	10.0	11.2	11.2	11.4	13.2	13.9	14.7	17.4	16.3	10.8	10.8	9.0	6.6	6.3	8.0	7.9	5.9	6.6	8.5	11.0	10.5	24
11/13/2024	10.1	10.1	11.3	11.5	11.5	10.0	9.9	11.3	7.2	5.1	4.3	4.1	3.8	3.4	3.3	2.6	1.8	1.5	1.6	2.2	2.4	2.7	2.7	2.6	5.7	24
11/14/2024	2.2	1.9	2.8	2.2	2.9	3.1	2.0	3.8	3.6	3.4	3.4	3.3	2.1	1.7	1.4	1.2	1.9	1.9	2.3	2.4	2.0	3.5	3.3	3.2	2.6	24
11/15/2024	3.2	2.9	3.0	3.1	3.8	4.1	4.5	4.5	4.7	4.9	4.9	4.9	5.4	5.2	5.5	5.1	4.7	5.2	6.3	7.8	7.1	6.3	9.0	8.4	5.2	24
11/16/2024	9.3	11.4	12.8	12.8	11.4	10.5	10.1	9.1	7.1	6.2	6.5	5.7	5.6	5.8	6.1	5.8	5.4	5.2	6.0	8.4	12.6	11.9	12.6	13.8	8.8	24
11/17/2024	15.0	14.0	14.6	15.7	15.2	16.0	16.4	17.4	19.4	21.8	6.3	7.2	7.5	8.4	9.9	9.1	7.8	5.0	6.1	10.5	10.4	13.5	11.0	9.5	12.0	24
11/18/2024	9.7	9.1	9.9	10.5	10.8	10.8	14.0	14.5	13.4	10.1	6.5	6.5	6.6	6.4	6.3	6.1	5.6	5.9	5.7	5.8	6.8	6.3	6.7	6.7	8.4	24
11/19/2024	5.4	5.2	5.4	5.9	5.8	6.2	6.4	8.8	9.6	7.6	5.1	5.6	4.8	3.7	3.4	3.6	3.0	2.9	3.4	2.8	2.7	2.2	1.5	1.8	4.7	24
11/20/2024	2.1	2.6	3.5	4.2	5.3	6.1	7.8	7.8	8.2	5.8	4.4	5.1	8.1	10.3	10.5	10.1	9.8	10.4	11.0	11.0	6.5	4.9	4.4	4.3	6.8	24
11/21/2024	3.7	3.4	3.2	3.1	2.8	2.7	2.6	3.3	3.8	3.7	4.0	3.8	4.1	4.2	4.4	6.1	8.7	10.0	4.1	4.0	3.5	4.1	4.4	3.7	4.2	24
11/22/2024	4.4	4.6	3.9	3.2	2.7	2.6	2.3	2.5	2.8	3.3	3.9	3.9	4.0	4.2	4.2	4.1	4.1	4.0	3.9	4.4	5.6	5.4	4.7	4.9	3.9	24
11/23/2024	4.9	4.8	4.8	5.4	5.5	6.6	6.9	6.8	6.8	5.9	6.1	5.8	6.2	5.8	6.3	5.7	5.4	4.9	5.2	5.0	5.8	5.7	6.5	11.7	6.0	24
11/24/2024	14.4	15.0	15.3	15.0	14.1				18.3	12.6	8.4	7.1	6.7	6.4	6.4	6.1	5.6	5.2	6.5	11.8	11.1	9.4	8.8	10.3	10.2	21
11/25/2024	11.5	10.4	10.0	10.1	12.4	16.5	14.0	14.0	14.1	12.0	9.5	8.8	8.7	7.0	6.4	5.6	5.5	6.7	7.2	8.4	7.4	6.4	6.0	6.7	9.4	24
11/26/2024	7.7	9.2	9.6	8.7	8.8	8.8	9.4	8.8	6.2	4.6	4.4	3.6	3.5	3.2	3.0	2.8	2.9	4.6	4.4	5.2	6.1	5.8	7.5	10.5	6.2	24
11/27/2024	9.3	9.8	9.3	9.7	13.1	16.8	19.6	22.8	23.0	24.8	18.3	12.6	11.3	11.2	10.0	11.2	15.0	17.5	20.2	16.6	15.3	15.1	15.5	14.9	15.1	24
11/28/2024	15.4	13.9	10.9	9.5	7.9	5.8	3.7	2.9	3.0	2.4	2.8	2.5	2.0	2.3	2.4	2.6	2.4	2.8	2.6	3.0	4.3	5.6	8.3	7.4	5.3	24
11/29/2024	6.3	4.9	4.4	3.8	4.0	3.2	2.9	2.8	3.0	2.5	2.4	2.9	2.6	2.2	2.4	2.7	2.4	2.6	3.5	5.6	6.8	9.4	8.0	7.3	4.1	24
11/30/2024	7.4	6.6	6.0	6.6	7.0	7.7	7.8	8.1	8.0	8.5	7.0	6.7	6.9	7.9	6.8	6.3	6.3	6.6	16.9	19.6			10.9	9.7	8.4	22
avg	6.5	6.4	6.4	6.7	6.9	6.8	6.8	7.4	7.8	7.2	6.0	5.6	5.5	5.4	5.2	4.9	4.7	4.8	5.4	6.0	5.7	5.9	6.3	6.6	6.1	
min	1.3	0.0	0.0	1.0	0.6	0.6	0.1	1.2	2.2	1.8	2.4	1.2	0.0	0.3	1.4	1.2	1.3	1.5	1.2	0.5	1.8	2.2	1.5	1.8	1.7	
max	15.4	15.0	15.3	15.7	15.2	16.8	19.6	22.8	23.0	24.8	18.3	17.4	16.3	11.2	11.0	11.2	15.0	17.5	20.2	19.6	15.3	15.1	15.5	14.9	15.1	715

Saroad Table - Hourly PM2.5 Data
November 2024

Location: West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
11/1/2024	6.9	4.0	4.6	5.3	5.8	5.8	6.2	5.8	4.7	4.3	3.9	3.8	3.5	3.5	3.8	3.4	3.0	2.8	2.7	3.9	4.3	4.5	4.3	4.6	4.4	24
11/2/2024	4.2	5.3	7.2	6.1	6.9	6.3	7.4	7.9	7.3	6.6	5.5	4.1	3.7	3.6	3.4	3.4	3.0	2.9	3.3	2.9	3.8	2.7	3.0	3.9	4.8	24
11/3/2024	4.1	4.1	3.9	4.1	4.2	3.8	4.0	4.0	4.0	4.8	5.4	5.2	4.7	4.8	4.9	4.4	3.9	3.8	3.4	3.8	4.3	4.1	3.9	3.8	4.2	24
11/4/2024	3.2	2.7	3.5	4.3	5.1	4.6	3.7	3.4	3.6	4.1	4.3	5.6	4.9	5.0	4.0	2.6	2.8	2.8	1.7	1.4	2.5	3.0	5.3	5.1	3.7	24
11/5/2024	3.8	6.0	4.4	4.0	2.7	2.4	2.2	1.9	3.1	3.0	3.6	3.5	3.4	3.6	3.5	3.4	3.4	3.2	3.8	3.2	2.8	2.7	2.9	3.0	3.3	24
11/6/2024	3.0	2.8	2.9	2.9	2.7	2.5	2.6	4.1	5.0	3.1	3.3	2.7	2.9	3.3	3.1	3.6	3.1	2.5	2.5	2.7	2.8	2.8	3.0	2.5	3.0	24
11/7/2024	1.6	0.6	0.7	1.3	1.1	1.0	0.5	1.5	0.9	1.4	1.4	0.7	0.7	0.9	1.7	2.3	2.0	1.5	2.7	3.0	3.2	3.9	4.5	5.7	1.9	24
11/8/2024	6.2	4.5	4.3	5.7	4.0	3.9	4.2	3.6	4.2	5.1	5.6	5.3	6.3	5.2	5.0	4.3	3.6	3.8	3.2	4.1	5.4	4.2	5.0	5.8	4.7	24
11/9/2024	6.5	6.7	5.2	4.2	4.4	6.0	7.2	7.6	7.7	11.1	14.3	12.1	11.3	11.7	11.9	8.4	6.1	4.9	4.8	4.7	5.5	5.3	5.0	4.4	7.4	24
11/10/2024	4.3	4.4	4.5	4.1	3.9	4.3	5.0	4.6	3.8	4.1	4.6	4.6	4.6	3.7	3.5	3.6	3.4	3.5	4.0	3.9	4.2	3.9	3.3	3.2	4.0	24
11/11/2024	3.3	3.1	2.0	2.2	2.5	3.0	2.8	3.8	4.7	4.9	6.2	8.4	8.0	7.0	6.4	7.6	7.8	8.5	10.2	10.9	9.9	10.8	12.4	12.0	6.6	24
11/12/2024	11.9	12.1	11.6	11.2	11.0	11.1	11.1	11.5	14.3	13.1	13.2	16.2	16.4	11.3	11.5	9.5	7.4	6.9	6.9	5.7	5.7	7.2	9.0	9.4	10.6	24
11/13/2024	7.1	6.8	7.3	7.4	6.9	6.8	6.5	6.4	5.9	5.3	5.3	5.4	4.8	4.6	4.1	3.6	2.8	2.6	2.6	2.7	2.9	2.9	2.8	3.2	4.9	24
11/14/2024	3.7	2.6	2.9	2.8	2.7	2.3	2.5	2.9	3.0	3.3	4.0	3.5	2.2	2.2	2.2	1.7	2.5	3.0	3.2	3.2	2.3	3.8	4.2	4.0	2.9	24
11/15/2024	4.2	3.6	4.1	4.2	4.7	6.2	6.0	6.2	8.0	6.9	6.8	6.0	6.2	6.3	7.0	6.4	5.0	5.4	5.5	5.8	5.5	5.7	7.8	8.8	5.9	24
11/16/2024	11.9	12.9	12.6	13.2	12.7	11.2	9.6	8.8	7.1	6.0	6.0	6.5	6.9	6.7	7.2	6.7	6.6	9.0	20.9	24.8	19.2	44.5		24.4	12.8	23
11/17/2024	24.5	23.4	19.3		19.3	23.2	19.8	18.5	20.3	13.4	7.8	7.2	7.8	8.6	10.5	9.9	7.8	5.9	6.6	10.8	16.7	16.0	19.7	15.8	14.5	23
11/18/2024	12.5	12.7	18.8	18.4	15.0	13.9	13.3	15.7	14.8	11.7	8.2	7.8	7.4	7.2	6.8	6.7	7.2	7.5	6.8	7.1	8.6	7.8	8.5	8.0	10.5	24
11/19/2024	8.9	8.0	7.7	7.3	8.7	14.1	10.0	11.6	11.0	7.7	5.8	6.4	5.4	4.3	4.1	4.2	3.7	4.7	4.4	3.8	7.7	7.7	2.3	2.2	6.7	24
11/20/2024	2.2	2.6	3.7	4.8	5.7	6.7	7.9	8.8	8.0	6.3	4.7	5.8	8.8	11.4	11.2	10.5	10.6	11.5	12.3	12.9	7.0	5.6	4.9	4.8	7.4	24
11/21/2024	4.2	4.0	3.8	3.6	3.5	3.3	3.4	3.9	4.5	4.4	4.5	4.5	4.4	4.5	4.6	6.6	9.2	11.2	5.0	4.9	4.3	4.5	4.9	4.5	4.8	24
11/22/2024	6.2	4.9	4.1	3.8	3.3	3.5	3.2	3.0	3.6	3.9	4.1	4.4	4.9	5.1	4.6	4.7	4.6	4.8	4.7	6.3	6.6	13.5	8.4	6.5	5.1	24
11/23/2024	5.6	5.7	5.5	6.0	6.9	7.6	8.0	8.3	7.5	6.7	7.0	6.4	6.8	6.8	6.9	6.5	6.0	6.2	10.8	8.6	7.4	10.0	14.7	23.2	8.1	24
11/24/2024	21.0	20.2	21.2	22.8	20.7	22.1	23.3	23.6	21.8	12.8	9.5	8.0	7.5	7.1	7.0	7.0	7.0	12.7	18.7	23.1		16.6	15.0	11.8	15.7	23
11/25/2024	19.2	22.4	14.2	12.2	12.1	14.1	13.1	17.1	14.9	12.7	10.3	9.4	9.8	7.8	7.0	6.4	6.3	7.5	8.2	8.2	7.6	7.8	7.7	8.5	11.0	24
11/26/2024	9.4	9.9	10.0	9.7	9.3	8.8	8.9	9.4	7.4	5.8	4.9	3.7	3.4	2.9	3.0	3.0	3.2	4.2	4.4	5.6	8.0	7.2	12.5	11.6	6.9	24
11/27/2024	11.1	9.6	10.1	10.2	13.6	16.5	20.1	23.5	24.1	24.8	19.0	13.8	12.4	12.1	11.2	15.3	17.5	15.9	18.7	18.1	15.6	15.8	16.7	15.6	15.9	24
11/28/2024	16.6	15.2	11.1	10.2	8.0	5.9	4.0	3.1	3.2	2.7	2.7	2.5	2.4	3.0	3.7	3.7	3.2	3.2	4.0	4.0	4.4	6.5	9.5	8.8	5.9	24
11/29/2024	7.4	6.1	5.5	5.6	4.4	3.7	3.4	3.4	3.7	3.1	3.0	4.8	2.8	3.3	3.4	3.4	3.2	4.6	7.7	9.1	12.9	12.4	9.3	8.1	5.6	24
11/30/2024	8.3	8.2	8.3	8.6	8.5	7.9	7.7	8.2	9.0	8.9	7.6	7.3	7.3	8.0	7.5	7.0	7.0	7.4	9.8	13.0	21.2	14.9	19.4	17.4	9.9	24
avg	8.1	7.8	7.5	7.1	7.3	7.7	7.6	8.1	8.0	7.1	6.4	6.2	6.0	5.9	5.8	5.7	5.4	5.8	6.8	7.4	7.3	8.6	7.9	8.3	7.1	
min	1.6	0.6	0.7	1.3	1.1	1.0	0.5	1.5	0.9	1.4	1.4	0.7	0.7	0.9	1.7	1.7	2.0	1.5	1.7	1.4	2.3	2.7	2.3	2.2	1.9	
max	24.5	23.4	21.2	22.8	20.7	23.2	23.3	23.6	24.1	24.8	19.0	16.2	16.4	12.1	11.9	15.3	17.5	15.9	20.9	24.8	21.2	44.5	19.7	24.4	15.9	717

Saroad Table - Hourly PM2.5 Data
November 2024

Location: Brickyard **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
11/1/2024	1.9	2.8	2.2	2.5	3.0	3.1	3.5	5.9	3.7	3.8	3.2	3.4	2.9	2.8	2.7	2.5	2.2	1.8	2.0	2.7	2.8	3.4	4.3	6.9	3.2	24
11/2/2024	4.1	3.6	4.0	6.4	7.8	6.9	6.7	7.1	5.6	4.3	3.4	4.9	10.6	2.8	2.7	2.5	2.1	2.1	2.6	3.0	2.8	2.6	2.5	2.2	4.3	24
11/3/2024	2.6	3.1	3.3	3.7	3.6	3.5	3.7	3.7	3.4	4.0	4.6	4.3	4.2	4.2	3.7	3.7	3.7	3.7	3.7	3.4	3.5	3.6	3.4	3.1	3.6	24
11/4/2024	2.6	2.5	2.7	3.4	4.4	4.1	3.2	3.0	3.5	4.1	4.1	5.0	5.2	6.2	3.1	2.5	3.3	2.5	1.5	1.4	2.3	2.5	3.3	3.8	3.3	24
11/5/2024	4.4	4.1	4.2	4.2	2.9	1.6	1.8	1.5	2.3	2.3	3.2	3.4	3.3	3.3	3.3	3.0	2.9	2.7	3.1	2.7	2.4	2.5	2.5	2.8	2.9	24
11/6/2024	3.0	2.8	2.7	2.7	2.6	2.4	2.3	2.6	3.5	2.6	2.6	2.7	2.8	5.0	3.3	3.6	2.8	4.9	1.9	2.5	2.7	2.9	3.0	2.6	2.9	24
11/7/2024	1.5	0.5	0.7	1.2	1.0	1.0	0.3	0.7	0.2	1.3	1.9	0.2	0.1	0.8	4.2	1.7	1.6	1.3	2.1	1.7	2.2	3.8	4.9	3.9	1.6	24
11/8/2024	4.8	4.6	5.0	8.6	6.3	4.3	3.0	2.9	2.9	4.6	5.3	5.3	5.1	4.8	4.4	3.5	2.8	2.6	2.3	2.9	3.5	3.1	3.5	4.6	4.2	24
11/9/2024	4.9	5.7	5.1	2.8	4.0	5.0	6.0	6.2	6.1	10.4	13.9	11.5	10.7	11.2	11.4	7.9	6.0	5.0	4.1	4.1	4.7	4.9	4.9	4.3	6.7	24
11/10/2024	4.1	3.9	3.8	3.5	4.3	4.0	4.3	4.4	3.8	3.6	4.4	4.6	4.2	3.2	3.0	3.1	2.9	2.9	3.6	4.5	4.0	3.9	3.0	2.9	3.8	24
11/11/2024	2.7	2.6	2.2	1.8	1.9	2.4	2.5	3.0	4.2	4.1	4.9	6.7	7.5	6.6	6.2	7.3	7.5	8.5	9.4	10.9	10.1	11.0	12.1	11.4	6.1	24
11/12/2024	11.4	11.8	11.6	12.2	12.1	11.6	11.5	11.8	13.4	12.4	12.4	16.2	16.0	10.9	11.0	8.1	6.5	5.8	6.0	5.9	5.2	5.0	8.2	7.6	10.2	24
11/13/2024	7.7	6.9	7.5	7.3	6.5	6.5	6.1	5.6	5.2	4.5	4.2	4.3	3.8	3.7	3.3	2.9	2.2	2.2	2.0	2.0	2.2	2.1	2.1	2.2	4.3	24
11/14/2024	2.3	2.1	2.2	2.3	2.0	1.9	1.7	2.4	2.7	2.9	3.5	2.9	1.9	1.8	1.8	1.4	2.0	2.7	2.8	3.3	2.4	3.4	3.1	3.2	2.4	24
11/15/2024	3.4	2.8	3.2	3.4	4.1	4.9	6.0	5.2	6.1	5.5	5.1	4.2	4.7	4.8	5.4	5.0	4.5	4.7	5.6	4.9	4.9	5.2	5.8	8.8	4.9	24
11/16/2024	9.3	11.9	12.1	13.7		13.7	10.2	8.0	5.8	4.7	4.9	5.2	5.9	5.7	6.2	6.0	6.4	5.5	9.9	8.6	11.2	19.0		18.7	9.2	22
11/17/2024						18.7			15.5	11.1	6.9	6.2	6.8	7.7	8.6	9.3	6.7	5.2	5.8	8.0	9.7	12.3	12.5	13.9	9.7	17
11/18/2024	13.4	13.5	12.3	14.0	13.0	11.6	11.3	11.5	14.8	11.9	6.6	6.6	6.7	6.6	6.2	6.0	6.1	5.9	5.6	5.7	7.3	8.1	7.8	6.8	9.1	24
11/19/2024	6.0	6.1	9.3	13.0	12.2	9.6	12.4	11.0	11.0	6.8	4.7	5.4	4.4	3.3	3.3	3.5	3.3	3.4	3.3	3.1	2.9	2.4	1.9	2.0	6.0	24
11/20/2024	2.1	2.4	3.4	4.5	4.8	5.6	7.0	7.8	7.5	5.4	4.5	5.5	8.7	12.2	10.6	10.2	11.1	11.2	10.4	10.2	6.5	5.0	4.4	4.2	6.9	24
11/21/2024	3.6	3.6	3.5	3.5	3.3	3.2	3.2	4.1	3.8	3.6	3.9	4.1	4.2	4.2	4.4	6.6	8.9	10.3	4.2	4.7	4.3	4.3	5.0	4.6	4.5	24
11/22/2024	6.3	4.4	4.1	3.5	3.4	3.1	2.9	3.0	3.0	3.3	3.8	3.5	3.7	3.8	3.9	4.0	4.5	4.7	4.2	5.2	6.0	6.5	5.1	5.3	4.2	24
11/23/2024	5.6	5.4	5.4	6.0	5.7	6.2	6.3	7.0	6.8	6.2	5.7	5.4	6.0	5.7	6.2	5.7	5.7	5.3	6.5	7.4	10.1	17.6			6.7	22
11/24/2024		17.9	15.0	16.3	16.9					12.8	9.0	7.3	6.8	6.6	6.5	6.5	6.7	5.9	8.9	10.4	11.7	12.3	11.1	11.0	10.5	19
11/25/2024	11.5	11.7	14.0	14.8	15.7	20.6	13.0	13.1	17.1	12.2	10.0	8.8	8.5	7.3	6.3	6.0	6.1	6.4	8.0	8.4	7.1	6.2	6.6	8.7	10.3	24
11/26/2024	9.1	9.2	9.7	10.0	8.9	8.7	8.3	9.0	7.6	5.4	4.3	3.5	3.2	2.9	2.8	2.8	3.1	3.9	3.8	4.2	5.1	6.1	9.6	10.4	6.3	24
11/27/2024	10.1	8.8	10.4	10.5	14.4	17.2	21.4	24.4	25.7	25.9	19.7	13.8	12.0	11.4	10.8	15.3	16.1	15.0	18.6	16.6	15.6	16.2	15.9	16.9	15.9	24
11/28/2024	19.4	15.8	11.6	11.0	8.3	6.7	4.8	3.4	3.2	2.9	2.5	2.4	2.6	2.4	2.4	2.7	2.5	3.1	2.5	3.1	3.8	5.2	9.4	7.6	5.8	24
11/29/2024	5.6	4.7	4.2	4.3	3.6	3.2	2.9	2.9	2.8	2.4	2.4	3.3	2.0	2.5	2.8	2.9	3.1	3.1	3.5	5.6	7.3	9.4	8.8	7.5	4.2	24
11/30/2024	7.8	7.7	8.3	6.4	6.3	6.3	6.7	6.6	7.2	7.6	6.5	6.2	6.6	7.2	7.3	6.5	6.7	7.2	7.0	8.8	12.8	12.0	12.6	12.8	8.0	24
avg	6.1	6.3	6.3	6.8	6.5	6.8	6.2	6.3	6.8	6.4	5.7	5.6	5.7	5.4	5.3	5.1	5.0	5.0	5.2	5.5	5.9	6.8	6.3	6.9	6.1	
min	1.5	0.5	0.7	1.2	1.0	1.0	0.3	0.7	0.2	1.3	1.9	0.2	0.1	0.8	1.8	1.4	1.6	1.3	1.5	1.4	2.2	2.1	1.9	2.0	1.6	
max	19.4	17.9	15.0	16.3	16.9	20.6	21.4	24.4	25.7	25.9	19.7	16.2	16.0	12.2	11.4	15.3	16.1	15.0	18.6	16.6	15.6	19.0	15.9	18.7	15.9	704

Saroad Table - Hourly PM2.5 Data
November 2024

Location: Ocean Terminal **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
11/1/2024	1.3	1.3	1.5	2.0	2.5	2.5	3.2	3.0	3.4	3.7	3.5	3.3	3.1	2.6	2.7	2.3	1.9	1.8	2.8	4.2	4.0	2.7	2.3	1.9	2.7	24
11/2/2024	2.8	3.2	4.0	5.5	7.6	7.4	7.4	6.6	5.1	3.6	3.2	2.9	2.7	2.6	2.5	2.2	1.8	1.8	2.3	2.2	2.8	2.1	2.0	2.1	3.6	24
11/3/2024	2.4	2.9	4.2	3.8	3.5	3.5	3.7	3.4	3.2	3.9	4.8	4.1	3.7	3.8	3.6	3.5	3.2	2.9	2.6	2.9	3.2	3.2	3.0	2.9	3.4	24
11/4/2024	2.4	2.2	2.4	3.1	3.9	3.6	3.1	2.5	3.2	3.5	3.6	4.9	5.1	5.9	2.6	2.1	2.5	2.2	1.0	0.9	2.0	2.5	3.0	4.0	3.0	24
11/5/2024	3.9	4.0	4.1	3.6	1.6	1.8	0.7	1.5	1.9	2.7	3.2	3.4	3.4	3.6	3.4	3.2	3.0	3.6	3.8	4.9	3.5	4.2	3.0	2.9	3.1	24
11/6/2024	2.7	2.8	5.8	3.3	2.5	5.1	4.3	3.9	5.0	4.0	3.6	3.7	4.1	3.8	3.8	3.6	3.7	3.1	2.7	2.9	3.4	3.5	3.1	2.6	3.6	24
11/7/2024	1.7	1.6	0.6	1.2	0.8	0.7	0.0	0.0	0.0	0.7	0.4	0.5	0.8	1.5	1.8	2.5	2.0	1.0	1.1	1.2	2.1	3.9	2.9	3.6	1.4	24
11/8/2024	4.5	3.8	4.5	6.0	3.3	2.5	2.5	1.7	2.5	4.3	5.8	7.5	5.3	5.4	4.3	3.6	2.9	3.0	8.6	4.8	4.3	3.9	4.7	5.3	4.4	24
11/9/2024	4.3	4.4	2.7	2.6	3.2	4.3	5.7	5.9	6.1	10.3	13.7	11.4	10.8	11.2	11.9	7.9	5.4	4.1	3.8	4.0	4.6	4.9	4.9	4.3	6.4	24
11/10/2024	4.1	3.9	3.7	3.3	3.4	3.1	3.4	3.5	3.1	3.4	3.8	4.0	3.8	3.6	3.7	3.3	3.8	3.8	3.7	3.3	3.0	3.1	3.0	3.3	3.5	24
11/11/2024	3.1	3.0	2.3	1.8	1.8	2.5	2.7	3.7	4.5	5.2	5.9	7.3	7.8	7.3	7.4	7.6	7.6	8.3	8.0	9.9	10.8	11.2	13.3	12.5	6.5	24
11/12/2024	12.3	12.3	13.1	13.2	13.4	11.6	12.9	13.8	10.7	12.1	13.2	16.3	15.7	11.3	11.4	8.4	6.7	5.6	6.0	5.0	4.7	4.9	7.7	6.6	10.4	24
11/13/2024	7.5	7.3	7.7	7.0	6.2	6.3	5.7	5.2	4.4	3.8	3.7	3.7	3.2	3.2	2.8	2.4	1.6	1.4	1.5	2.1	1.8	1.8	1.7	1.9	3.9	24
11/14/2024	1.8	1.8	1.8	2.0	1.5	1.4	1.6	1.8	2.1	2.4	2.4	3.1	4.0	2.5	2.1	1.7	1.8	2.1	3.1	3.5	2.2	3.5	3.0	3.1	2.3	24
11/15/2024	3.0	2.5	2.1	2.8	3.0	3.2	3.6	4.6	5.4	3.4	2.4	2.7	3.4	3.6	4.3	4.3	4.1	3.5	3.6	3.4	3.7	4.3	4.7	8.5	3.8	24
11/16/2024	10.6	13.1	14.7	14.8	9.8	7.9	6.7	6.5	5.2	4.5	4.4	5.2	4.8	5.1	5.8	5.8	6.1	5.3	6.7	12.3	10.7	10.2	16.2	19.7	8.8	24
11/17/2024	19.4	15.8	11.0	-	-	-	-		13.4	10.9	6.9	5.8	5.9	7.0	8.3	8.4	6.5	5.7	6.6	8.6	8.7	8.5	-	-	9.3	17
11/18/2024	-	-	-	-	-	-	-	15.9	13.5	15.0	7.3	6.7	7.1	7.3	7.1	7.0	6.6	6.0	-	-	-	-	-	-	9.0	11
11/19/2024	-	-	-	-	-	-	-	-	14.2	6.1	5.5	6.1	4.9	4.1	4.2	4.6	3.5	3.4	4.2	4.5	3.4	2.6	2.0	2.1	4.7	16
11/20/2024	2.2	2.4	4.5	4.8	5.8	6.8	7.9	8.1	9.0	6.5	5.0	6.1	9.4	12.7	11.6	10.3	11.0	11.8	12.5	12.6	6.9	5.3	3.7	4.3	7.5	24
11/21/2024	3.7	3.4	3.4	3.5	3.4	3.4	3.8	4.3	4.4	4.2	4.3	4.4	4.2	4.6	4.6	6.2	8.2	10.6	4.6	4.6	4.2	4.4	4.9	4.5	4.7	24
11/22/2024	6.2	4.7	4.1	3.3	3.0	3.1	2.8	2.8	2.8	3.1	3.5	3.6	3.7	3.8	3.9	4.2	4.1	4.4	4.9	5.0	5.2	5.7	5.6	6.2	4.2	24
11/23/2024	5.6	6.0	5.4	6.1	6.7	7.3	7.7	8.2	7.9	5.9	5.6	5.8	6.2	6.5	6.4	6.3	5.7	6.0	7.0	7.7	10.5	16.7	16.0	15.9	7.9	24
11/24/2024	14.4	19.4	16.4	21.6	22.0	42.7	42.0	25.7	21.9	18.6	9.5	7.8	7.2	6.9	7.1	7.0	7.0	7.2	10.8	11.8	9.5	9.3	9.8	9.8	15.2	24
11/25/2024	10.1	11.4	11.3	12.3	13.1	14.9	14.5	15.2	16.4	13.8	11.0	9.1	9.1	7.2	7.4	6.4	6.6	7.6	8.6	9.5	7.7	7.1	7.8	9.6	10.3	24
11/26/2024	9.4	10.0	10.6	10.2	9.7	10.1	9.6	10.3	8.2	5.9	4.5	4.0	3.5	3.1	3.3	2.8	3.1	3.8	4.5	5.4	6.4	7.4	10.3	11.5	7.0	24
11/27/2024	9.9	10.1	11.8	10.6	14.7	17.9	22.3	24.8	44.6			15.1	12.7	12.1	11.4	13.4	17.0	18.1	22.4	20.4	17.4	16.5	16.5	16.6	17.1	22
11/28/2024	17.5	16.5	12.7	11.9	9.5	7.6	5.5	3.6	3.4	3.1	2.7	2.4	2.4	2.5	2.7	3.0	2.9	3.1	3.0	3.4	4.1	6.7		5.1	5.9	23
11/29/2024	4.4	3.6	4.3	3.0	2.6	2.2	2.6	2.1	1.8	1.8	2.1	1.5	0.7	0.8	2.1	2.9	2.8	2.7	4.2	6.4	8.5	10.2	8.0	7.0	3.7	24
11/30/2024	6.8	6.0	4.8	4.7	4.3	4.1	3.8	4.0	6.3	7.1	6.3	5.9	6.1	6.5	6.5	6.3	5.9	5.0	7.7	9.1	7.6	8.6	15.4	15.5	6.8	24
avg	6.4	6.4	6.3	6.2	6.0	6.9	7.0	6.9	7.8	6.0	5.2	5.6	5.5	5.4	5.4	5.1	5.0	5.0	5.6	6.1	5.7	6.2	6.6	6.9	6.1	
min	1.3	1.3	0.6	1.2	0.8	0.7	0.0	0.0	0.0	0.7	0.4	0.5	0.7	0.8	1.8	1.7	1.6	1.0	1.0	0.9	1.8	1.8	1.7	1.9	1.4	
max	19.4	19.4	16.4	21.6	22.0	42.7	42.0	25.7	44.6	18.6	13.7	16.3	15.7	12.7	11.9	13.4	17.0	18.1	22.4	20.4	17.4	16.7	16.5	19.7	17.1	689

Saroad Table - Hourly PM2.5 Data
November 2024

Location: Cockspur Island **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
11/1/2024	0.5	0.5	0.9	1.1	1.4	1.8	1.9	2.0	2.8	3.6	2.5	2.0	2.0	1.8	2.1	1.8	1.4	1.2	1.7	1.1	1.0	1.1	1.9	1.1	1.6	24
11/2/2024	1.9	2.4	2.2	3.0	2.9	2.9	2.4	2.8	2.8	3.3	3.5	2.8	2.5	2.6	2.2	2.3	2.4	1.4	1.3	1.0	0.9	1.0	0.7	0.7	2.2	24
11/3/2024	1.1	2.8	2.9	2.1	0.6	1.5	1.6	1.8	2.1	2.2	2.4	2.5	2.9	2.3	2.4	1.9	1.9	1.8	1.8	1.8	1.9	2.0	2.2	1.8	2.0	24
11/4/2024	1.4	1.3	1.0	1.2	1.5	1.9	1.7	2.0	1.7	1.8	2.4	2.7	3.0	2.1	2.9	2.7	2.9	2.2	2.0	2.7	2.1	2.1	3.4	4.3	2.2	24
11/5/2024	4.0	2.6	2.2	1.4	0.7	1.1	0.5	0.8	1.8	3.6	3.8	4.0	3.7	3.7	3.6	3.2	3.1	3.0	2.7	2.0	2.1	2.6	2.8	3.1	2.6	24
11/6/2024	3.5	3.5	3.1	2.8	2.3	2.4	2.6	2.4	2.2	2.7	3.1	3.6	3.7	3.7	3.5	3.1	2.0	2.1	2.0	2.5	3.4	3.8	4.0	4.0	3.0	24
11/7/2024	3.7	3.0	3.6	2.5	1.8	0.1	0.2	1.1	2.6	2.9	3.4	2.3	2.3	2.6	2.3	2.0	1.6	1.4	1.3	1.5	2.2	3.1	3.9	2.4	2.2	24
11/8/2024	2.0	2.4	2.9	1.6	2.4	2.7	1.8	0.9	1.8	3.1	4.7	5.9	6.1	3.1	2.3	2.8	2.0	2.1	2.4	4.3	6.8	7.8	4.9	2.2	3.3	24
11/9/2024	2.3	2.0	2.0	5.1	9.3	5.2	4.2	2.7	3.2	8.6	9.5	9.2	8.7	8.9	7.6	3.6	3.3	3.6	4.3	5.3	5.1	4.7	4.3	4.3	5.3	24
11/10/2024	3.8	3.4	3.4	3.6	3.7	4.8	5.2	4.4	4.7	4.4	2.6	3.6	3.5	3.3	3.1	3.1	2.8	2.7	2.7	2.6	2.5	2.5	2.5	2.4	3.4	24
11/11/2024	2.7	2.9	2.1	1.2	1.7	1.5	1.6	1.7	2.6	4.7	4.7	7.1	9.8	8.5	7.3	6.8	7.3	6.5	6.2	6.8	7.3	7.5	9.6	10.7	5.4	24
11/12/2024	10.8	11.9	13.0	11.8	10.3	12.1	12.1	11.3	10.2	11.4	11.6	14.7	10.5	7.7	5.8	5.0	4.3	3.8	4.1	3.8	3.8	3.6	3.1	2.7	8.3	24
11/13/2024	2.5	3.1	3.3	2.9	2.9	3.4	2.7	2.2	2.2	1.9	1.8	1.7	1.6	1.4	1.1	0.8	1.0	1.0	1.2	1.7	1.2	0.9	1.1	1.2	1.9	24
11/14/2024	1.9	2.4	1.8	1.7	1.3	1.4	1.2	1.5	1.5	1.4	2.5	2.0	1.6	1.4	1.5	1.5	1.5	1.3	1.0	1.8	2.2	2.5	3.0	2.1	1.8	24
11/15/2024	3.4	3.1	1.6	1.7	3.0	1.9	1.3	1.3	1.4	1.8	2.6	3.0	3.2	3.2	3.1	3.1	2.9	2.9	2.9	3.2	3.9	5.8	4.9	4.4	2.9	24
11/16/2024	3.8	6.3	10.2	6.4	5.4	5.5	5.9	4.9	4.2	4.2	4.9	4.6	4.4	4.5	4.3	3.9	3.8	3.2	2.8	2.8	3.1	2.8	2.8	2.8	4.5	24
11/17/2024	3.1	4.4	4.7	5.3	6.7	8.1	8.0	6.1	5.8	5.5	4.3	4.3	4.6	4.6	4.4	4.3	3.8	3.6	4.2	3.6	3.3	2.8	2.9	2.8	4.6	24
11/18/2024	3.2	3.4	4.1	5.3	9.9	10.4	10.2	8.3	5.8	5.5	6.2	6.5	6.3	6.3	6.0	5.0	4.0	3.3	3.5	4.2	4.7	4.4	3.5	2.6	5.5	24
11/19/2024	2.2		2.1	2.2	2.9	2.3	2.8	3.3	3.5	3.2	3.1	2.4	2.1	2.6	2.8	2.0	1.6	1.5	1.1	0.9	1.0	0.8	0.9	1.1	2.1	23
11/20/2024	1.1	1.1	1.5	4.5	5.2	5.5	5.5	5.8	4.7	3.5	3.8	4.1	5.3	8.7	10.8	7.8	9.5	10.0	10.4	10.6	7.7	4.7	3.9	3.7	5.8	24
11/21/2024	2.9	2.6	2.6	2.6	2.4	2.2	2.0	2.1	2.6	3.0	3.2	3.6	3.6	3.6	3.9	5.0	6.5	8.9	3.6	3.1	4.2	3.7	3.8	3.6	3.6	24
11/22/2024	3.7	3.3	3.1	2.8	2.4	2.4	2.2	2.0	2.3	2.6	2.9	3.0	2.8	3.1	3.2	3.2	2.9	3.3	3.6	3.9	4.3	4.6	4.5	4.5	3.2	24
11/23/2024	5.0	4.7	4.4	5.3	6.0	6.1	6.0	6.1	6.2	6.3	5.9	4.9	5.1	5.9	5.6	6.0	5.3	4.9	6.0	8.2	9.3	10.9	11.8	10.7	6.5	24
11/24/2024	10.3	9.8	9.5	10.2	12.5	19.2	25.1	40.6	21.5	16.7	14.9	6.5	6.5	6.2	6.9	5.7	4.8	4.7	4.5	4.0	3.8	4.3	4.9	5.0	10.8	24
11/25/2024	5.6	6.2	7.1	7.5	8.1	9.6	10.3	9.9	10.1	10.3	13.6	11.1	8.4	7.9	7.2	7.1	6.1	5.3	5.1	5.1	4.7	3.9	4.0	4.9	7.5	24
11/26/2024	5.8	6.2	7.6	6.7	6.2	5.2	5.2	5.2	3.8	3.3	2.9	2.7	2.8	2.2	2.1	2.2	2.0	2.2	3.1	4.5	5.1	6.1	4.4	4.0	4.2	24
11/27/2024	4.7	5.9	7.2	8.7	10.0	13.3	43.1	45.9	21.9	43.0	61.3	63.1	26.3	14.9	13.1	12.7	13.3	17.5	11.3	11.3	11.1	12.1	13.4	14.6	20.8	24
11/28/2024	16.1	15.8	12.5	6.7	3.9	2.4	1.5	0.9	0.5	0.4	0.5	0.5	0.9	1.3	1.7	2.0	2.1	1.7	1.9	1.6	2.7	3.8	8.7	7.8	4.1	24
11/29/2024	5.2	3.6	3.6	2.8	1.9	1.6	1.4	1.4	1.4	2.0	1.6	1.6	1.1	0.8	1.4	2.0	3.2	1.9	1.7	2.6	3.3	5.0	6.5	7.0	2.7	24
11/30/2024	5.6	4.9	4.7	4.7	4.4	5.6	5.2	5.6	5.2	4.9	4.6	4.4	5.3	5.7	5.7	5.8	5.6	4.1	4.2	6.0	6.0	5.0	4.9	4.8	5.1	24
avg	4.1	4.3	4.4	4.2	4.5	4.8	5.8	6.2	4.8	5.7	6.5	6.4	5.0	4.5	4.3	3.9	3.8	3.8	3.5	3.8	4.0	4.2	4.4	4.2	4.6	
min	0.5	0.5	0.9	1.1	0.6	0.1	0.2	0.8	0.5	0.4	0.5	0.5	0.9	0.8	1.1	0.8	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.7	1.6	
max	16.1	15.8	13.0	11.8	12.5	19.2	43.1	45.9	21.9	43.0	61.3	63.1	26.3	14.9	13.1	12.7	13.3	17.5	11.3	11.3	11.1	12.1	13.4	14.6	20.8	719

Saroad Table - Hourly PM2.5 Data
November 2024

Location: Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
11/1/2024	2.1	2.2	2.1	2.6	3.0	3.3	3.7	4.2	4.0	4.2	3.9	3.8	3.8	3.1	3.1	2.8	8.5	6.1	3.3	3.7	3.8	3.6	5.0	5.8	3.8	24
11/2/2024	7.1	6.8	5.3	7.6	10.2	8.9	7.8	10.9	10.8	6.1	6.2	3.9	3.8	3.3	5.2	14.0	21.8	22.1	7.9	11.5	8.8	3.0	2.6	3.7	8.3	24
11/3/2024	5.2	4.6	4.2	4.5	4.7	4.0	4.1	4.2	3.9	4.8	5.3	4.7	4.3	4.2	4.1	4.0	3.5	5.1	4.5	3.5	3.8	3.9	3.7	4.3	4.3	24
11/4/2024	3.9	5.8	6.4	11.3	11.9	8.6	5.7	4.8	3.7	4.3	4.8	4.9	4.2	4.9	3.8	2.3	2.6	2.9	1.9	1.3	2.5	4.6	4.0	4.8	4.8	24
11/5/2024	4.5	5.3	6.0	4.7	4.0	3.7	3.8	3.8	3.1	3.6	4.0	4.2	4.1	3.9	3.8	3.6	3.5	3.9	4.1	4.1	3.5	3.4	4.3	6.6	4.1	24
11/6/2024	12.2	5.6	4.1	4.0	3.4	3.7	3.2	3.9	4.9	4.0	3.5	4.6	4.0	3.9	3.5	3.9	3.7	3.0	3.0	3.3	3.5	3.7	3.7	3.3	4.1	24
11/7/2024	2.3	0.9	0.9	1.7	1.4	1.6	0.8	2.8	3.9	2.6	5.0	2.1	0.7	1.1	1.9	2.6	2.5	1.7	1.9	2.6	3.2	4.3	5.7	4.5	2.4	24
11/8/2024	6.4	5.1	4.8	6.0	3.8	3.8	3.7	3.3	4.0	5.4	6.0	5.7	8.1	7.6	4.9	4.1	3.5	3.0	3.8	4.0	4.6	4.5	4.5	4.8	4.8	24
11/9/2024	4.3	4.5	5.0	5.6	9.4	8.9	8.1	7.6	7.1	10.9	13.1	11.4	10.2	10.3	11.2	8.2	5.9	4.9	4.7	4.7	5.3	5.4	5.4	5.1	7.4	24
11/10/2024	4.6	4.8	4.5	5.5	11.8	10.1	8.3	9.3	9.9	5.9	4.5	4.8	4.5	3.8	3.8	3.6	3.7	3.7	3.8	4.0	4.6	4.1	3.5	3.3	5.4	24
11/11/2024	3.5	3.4	2.4	2.3	2.8	3.0	3.3	3.8	5.3	5.0	6.0	7.4	8.1	6.8	6.2	7.2	7.3	7.9	9.1	9.9	9.6	10.6	12.0	11.5	6.4	24
11/12/2024	11.1	11.4	10.9	10.8	10.6	11.0	11.5	11.1	13.8	14.1	16.4	17.9	16.1	10.9	10.9	9.5	7.1	6.2	13.7	7.1	5.3	7.0	7.6	11.5	11.0	24
11/13/2024	12.1	10.9	12.7	13.8	11.8	10.7	10.6	9.6	7.0	5.0	4.7	4.6	4.3	3.8	3.4	3.0	2.4	2.2	2.4	2.9	2.9	3.0	3.0	3.2	6.2	24
11/14/2024	2.9	2.7	3.3	3.0	5.5	5.0	2.8	5.2	4.1	3.4	3.9	3.9	2.7	2.4	2.4	2.0	2.4	2.9	3.2	3.2	2.9	4.1	4.1	4.1	3.4	24
11/15/2024	3.9	3.6	3.9	5.0	4.9	6.6	5.3	5.8	5.1	6.2	6.8	7.3	7.5	6.6	5.9	6.2	5.9	5.1	6.2	7.3	7.8	7.8	10.2	8.9	6.2	24
11/16/2024	9.8	11.3	13.5	12.3	11.8	10.8	10.5	10.3	9.4	8.6	6.4	6.4	6.1	5.8	5.9	5.8	5.8	5.7	7.8	12.8	12.8	16.6	12.3	14.6	9.7	24
11/17/2024	17.7	14.7	15.4	15.8	16.4	16.5	21.3	20.4	43.3	15.7	6.9	7.7	7.4	8.4	10.1	9.3	7.7	5.5	6.8	10.7	15.7	16.0	14.3	9.8	13.9	24
11/18/2024	10.0	11.3	10.6	10.9	11.2	14.8	15.8	15.9	13.5	11.3	7.6	6.7	6.9	6.4	6.3	6.0	6.0	6.4	6.0	6.3	6.7	6.9	7.2	7.3	9.1	24
11/19/2024	6.5	6.0	7.0	6.3	6.4	7.0	7.9	10.0	11.4	7.9	5.3	6.1	4.9	4.0	3.9	4.2	3.7	3.6	4.3	3.3	2.9	2.6	2.1	2.4	5.4	24
11/20/2024	2.5	2.9	3.8	4.5	5.7	6.6	8.0	8.6	8.2	5.9	4.9	5.6	8.9	11.1	11.3	10.5	10.5	11.3	13.2	12.4	7.5	5.2	4.7	4.5	7.4	24
11/21/2024	3.9	3.7	3.6	3.4	3.2	3.3	3.4	4.7	4.5	4.4	4.8	4.6	4.7	4.5	4.3	5.9	7.6	9.9	4.5	4.4	3.9	4.4	4.7	3.9	4.6	24
11/22/2024	4.3	5.3	4.2	3.6	3.4	3.4	3.0	3.1	3.5	3.9	4.4	4.4	4.5	4.4	4.1	4.0	4.3	4.5	5.1	4.8	5.5	5.2	5.3	5.7	4.3	24
11/23/2024	5.4	5.1	5.5	5.6	6.6	7.3	8.3	7.9	7.4	6.7	6.6	6.2	6.4	6.0	6.1	5.9	5.5	5.8	7.6	6.6	8.2	6.9	7.8	14.5	6.9	24
11/24/2024	15.7	15.5	16.4	15.6	15.4	19.8	23.2	23.0	19.1	12.5	9.0	7.6	7.0	6.6	6.2	6.1	6.0	6.2	9.2	11.2	13.5	10.7	10.3	10.2	12.3	24
11/25/2024	12.0	11.4	10.8	10.7	13.3	16.9	17.0	15.6	15.0	12.8	10.2	9.1	8.6	7.0	6.3	5.6	5.9	6.4	7.7	8.0	7.6	6.8	6.8	7.7	10.0	24
11/26/2024	8.5	9.6	9.9	9.3	9.4	9.6	10.0	9.9	7.1	5.9	5.4	4.2	4.1	3.6	3.1	2.9	3.1	4.1	4.7	5.5	6.4	6.5	8.3	11.8	6.8	24
11/27/2024	10.3	9.4	9.4	9.6	13.2	16.8	19.4	22.3	23.5	24.3	19.0	12.8	11.2	11.4	10.3	11.7	15.6	17.3	21.6	17.5	15.9	15.6	16.3	15.5	15.4	24
11/28/2024	16.1	14.9	11.2	9.9	8.3	6.4	4.2	3.4	3.5	3.2	3.1	2.8	2.4	2.3	2.5	2.6	2.7	3.3	3.2	3.5	4.6	6.5	8.9	7.8	5.7	24
11/29/2024	6.9	5.2	4.8	4.2	4.3	4.3	4.5	4.5	3.8	3.5	3.2	4.7	3.6	3.5	2.9	2.9	2.9	3.0	4.0	6.1	8.0	9.9	9.0	7.6	4.9	24
11/30/2024	8.2	8.1	7.5	7.8	8.5	8.7	10.2	11.0	10.9	9.7	8.3	7.4	7.4	8.0	6.6	6.4	6.4	6.0	13.1	14.7	15.9	16.5	15.0	12.9	9.8	24
avg	7.5	7.1	7.0	7.3	7.9	8.2	8.3	8.7	9.1	7.4	6.6	6.3	6.0	5.6	5.5	5.6	5.9	6.0	6.4	6.7	6.9	7.0	7.1	7.4	7.0	
min	2.1	0.9	0.9	1.7	1.4	1.6	0.8	2.8	3.1	2.6	3.1	2.1	0.7	1.1	1.9	2.0	2.4	1.7	1.9	1.3	2.5	2.6	2.1	2.4	2.4	
max	17.7	15.5	16.4	15.8	16.4	19.8	23.2	23.0	43.3	24.3	19.0	17.9	16.1	11.4	11.3	14.0	21.8	22.1	21.6	17.5	15.9	16.6	16.3	15.5	15.4	720

Saroad Table - Hourly PM2.5 Data
November 2024

Location: Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
11/1/2024	0.51	0.58	0.82	0.99	1.53	1.47	2.06	2.55	4.16	6.59	1.99	0.43	0.18	0.16	0.25	0.22	0.16	0.16	0.50	0.92	0.99	0.52	2.45	2.45	1.36	24
11/2/2024	2.22	3.34	3.78	3.53	3.29	3.90	2.82	1.58	1.38	1.16	0.48	0.50	0.28	0.17	0.13	0.12	0.13	0.14	0.21	0.33	0.27	0.28	0.32	0.32	1.28	24
11/3/2024	1.07	1.31	1.29	1.00	0.72	0.54	0.82	2.62	0.77	0.41	0.41	0.24	0.22	0.17	0.23	0.27	0.39	0.42	0.57	0.40	0.36	0.55	0.70	0.70	0.67	24
11/4/2024	0.80	0.53	0.63	0.48	0.59	1.05	1.39	1.52	1.71	0.98	0.89	0.98	0.84	0.94	0.95	0.46	0.73	0.82	0.96	0.88	1.05	0.56	1.43	1.43	0.94	24
11/5/2024	1.63	1.63	1.27	1.88	1.39	0.81	3.02	1.97	0.98	0.74	0.23	0.08	0.11	0.12	0.22	0.11	0.18	0.37	0.31	0.64	0.58	0.54	0.54	0.54	0.83	24
11/6/2024	0.52	0.35	0.45	0.84	0.52	0.45	0.77	1.24	1.71	1.09	0.81	0.64	0.59	0.96	0.30	0.32	0.28	0.40	0.29	0.24	0.10	0.09	0.10	0.10	0.55	24
11/7/2024	0.10	0.07	0.16	0.09	0.07	0.16	0.25	1.89	1.92	2.52	2.08	1.17	0.36	0.19	0.45	0.66	0.38	0.31	0.84	0.97	1.51	2.08	1.32	1.32	0.87	24
11/8/2024	1.99	1.39	0.58	0.43	0.74	1.30	1.62	3.17	2.68	2.83	1.52	1.31	1.23	1.75	0.62	0.40	0.27	0.37	0.48	0.72	0.83	0.78	0.75	0.75	1.19	24
11/9/2024	0.75	0.86	1.88	1.95	1.29	1.59	2.79	2.22	1.34	0.92	0.84	0.52	0.40	0.31	0.35	0.35	0.33	0.94	0.56	0.62	0.59	0.52	0.49	0.49	0.95	24
11/10/2024	0.39	0.62	0.77	0.70	0.24	0.29	0.38	0.43	0.29	0.86	0.59	0.32	0.15	0.14	0.18	0.09	0.34	0.29	0.28	0.33	0.61	0.52	0.26	0.26	0.39	24
11/11/2024	0.23	0.29	0.23	0.20	0.18	0.22	0.41	0.82	0.44	0.36	0.46	0.35	0.28	0.20	0.21	0.25	0.30	0.57	0.78	0.59	0.82	0.85	1.06	1.06	0.46	24
11/12/2024	1.01	1.10	0.70	0.63	0.65	0.74	0.79	0.86	1.07	1.07	0.91	0.84	0.84	0.52	0.53	0.58	0.60	0.70	0.78	0.60	0.85	1.01	1.36	1.36	0.84	24
11/13/2024	0.89	1.42	1.01	0.87	0.85	0.88	0.93	1.28	1.42	0.71	0.65	0.40	0.32	0.32	0.35	0.38	0.37	0.59	0.49	0.73	0.73	0.84	0.74	0.74	0.75	24
11/14/2024	0.24	0.45	0.50	0.69	0.71	0.74	1.24	2.59	2.17	1.81	0.54	0.40	0.32	0.33	0.17	0.32	0.96	0.78	0.70	0.61	0.42	0.35	0.25	0.25	0.73	24
11/15/2024	0.28	0.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.28	2
11/16/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
11/17/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
11/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
11/19/2024	--	--	--	--	--	--	--	--	--	1.98	0.75	0.43	0.27	0.19	0.22	0.24	0.43	0.28	0.37	0.28	0.31	0.21	0.12	0.12	0.41	15
11/20/2024	0.16	0.53	0.36	0.38	0.52	0.57	0.80	0.84	1.14	1.00	0.59	0.43	0.54	0.54	0.56	0.65	0.79	0.88	0.68	0.74	0.51	0.32	0.24	0.24	0.58	24
11/21/2024	0.17	0.15	0.15	0.13	0.12	0.35	0.49	0.41	0.29	0.19	0.19	0.10	0.15	0.31	0.17	0.17	0.23	0.32	0.34	0.38	0.35	0.29	0.23	0.23	0.25	24
11/22/2024	0.24	0.25	0.23	0.22	0.19	0.21	0.22	0.35	0.20	0.16	0.10	0.09	0.08	0.10	0.10	0.13	0.16	0.28	0.31	0.42	0.44	0.35	0.31	0.31	0.23	24
11/23/2024	0.32	0.27	0.25	0.27	0.29	0.29	0.29	0.30	0.29	0.24	0.27	0.24	0.21	0.25	0.23	0.29	0.36	0.84	0.40	0.78	1.19	1.52	1.82	1.82	0.54	24
11/24/2024	1.90	1.73	2.10	1.59	1.47	1.45	1.34	1.33	1.37	0.72	0.46	0.24	0.24	0.21	0.19	0.20	0.22	0.42	0.36	1.13	2.18	1.55	1.46	1.46	1.05	24
11/25/2024	1.18	1.13	1.25	1.00	1.00	1.11	2.67	1.89	1.96	1.05	0.87	0.69	0.50	0.36	0.30	0.33	0.43	0.53	0.72	0.55	0.44	0.41	0.50	0.50	0.89	24
11/26/2024	0.75	0.76	0.73	0.82	0.94	1.58	1.20	1.01	0.67	0.43	0.22	0.22	0.27	0.23	0.22	0.25	0.32	0.40	0.43	0.56	1.33	2.38	1.76	1.76	0.80	24
11/27/2024	1.15	0.97	0.73	0.43	0.54	0.96	0.79	1.19	1.08	1.20	0.92	0.54	0.43	0.29	0.30	0.33	0.68	0.57	0.65	0.56	1.57	0.64	0.60	0.60	0.74	24
11/28/2024	0.61	0.55	0.51	0.29	0.31	0.22	0.14	0.12	0.20	0.29	0.20	0.44	0.29	0.08	0.08	0.10	0.22	0.25	0.48	0.31	0.37	0.33	0.49	0.49	0.31	24
11/29/2024	0.62	0.53	0.51	0.49	0.63	0.34	0.40	0.47	0.51	0.37	0.38	0.28	0.45	0.43	0.25	0.15	0.19	0.32	0.34	0.55	0.80	0.91	0.75	0.75	0.48	24
11/30/2024	0.50	0.56	0.53	0.99	0.67	0.93	0.53	1.06	0.49	0.45	0.34	0.25	0.25	0.26	0.27	0.25	0.31	0.37	0.35	0.72	1.05	1.09	1.52	1.52	0.63	24
avg	0.78	0.83	0.86	0.83	0.78	0.89	1.13	1.35	1.21	1.16	0.68	0.47	0.38	0.37	0.30	0.29	0.38	0.47	0.51	0.60	0.78	0.75	0.83	0.83	0.70	
min	0.10	0.07	0.15	0.09	0.07	0.16	0.14	0.12	0.20	0.16	0.10	0.08	0.08	0.08	0.08	0.09	0.13	0.14	0.21	0.24	0.10	0.09	0.10	0.10	0.23	
max	2.22	3.34	3.78	3.53	3.29	3.90	3.02	3.17	4.16	6.59	2.08	1.31	1.23	1.75	0.95	0.66	0.96	0.94	0.96	1.13	2.18	2.38	2.45	2.45	1.36	617

Saroad Table - Hourly PM2.5 Data
November 2024

Location: Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
11/1/2024	0.15	0.19	0.17	0.04	0.05	0.09	0.08	0.14	0.15	0.04	0.08	0.07	0.17	0.15	0.09	0.09	0.20	0.07	0.05	0.07	0.92	0.15	0.12	0.18	0.15	24
11/2/2024	0.11	0.35	0.25	0.21	1.78	0.58	0.76	0.36	0.13	0.15	0.08	0.08	0.10	0.17	0.22	0.18	0.31	0.10	0.08	0.09	0.05	1.11	0.19	0.20	0.32	24
11/3/2024	0.26	0.26	0.15	0.54	0.16	0.18	0.32	0.21	0.27	0.24	0.17	0.16	0.21	0.22	0.24	0.22	0.12	0.10	0.09	0.10	0.10	0.09	0.35	0.25	0.21	24
11/4/2024	0.23	0.22	0.22	0.13	0.48	0.18	0.18	0.27	0.35	0.41	0.10	0.25	0.13	0.11	0.12	0.15	0.04	0.04	0.07	0.02	0.09	0.07	0.08	0.08	0.17	24
11/5/2024	0.04	0.05	0.12	0.06	0.08	0.30	0.05	0.05	0.05	0.07	0.06	0.07	0.06	0.10	0.11	0.13	0.04	0.06	0.03	0.03	0.04	0.03	0.06	0.05	0.07	24
11/6/2024	0.06	0.04	0.05	0.10	0.07	0.02	0.05	0.07	0.07	0.10	0.07	0.09	0.09	0.08	0.14	0.05	0.03	0.02	0.02	0.04	0.08	0.09	0.06	0.03	0.06	24
11/7/2024	0.08	0.18	0.08	0.10	0.11	0.10	0.10	0.07	0.16	0.11	0.10	0.05	0.18	0.02	0.05	0.24	0.12	0.30	0.13	0.69	0.09	0.07	0.07	0.08	0.14	24
11/8/2024	0.06	0.05	0.11	0.13	0.14	0.11	0.11	0.05	0.06	0.10	0.09	0.09	0.30	0.15	1.86	0.24	0.31	0.38	0.38	0.25	0.20	0.26	0.26	0.25	0.25	24
11/9/2024	0.50	0.95	0.60	0.77	0.19	0.43	0.28	0.33	0.33	0.33	0.39	0.34	0.23	0.39	0.32	0.41	0.50	0.48	0.21	0.19	0.26	0.38	0.15	0.22	0.38	24
11/10/2024	0.21	0.17	0.16	0.43	0.15	0.16	0.29	0.27	0.16	0.10	0.11	0.10	0.10	0.15	0.17	0.11	0.15	0.07	0.11	0.12	0.09	0.06	0.07	0.12	0.15	24
11/11/2024	0.10	0.06	0.05	0.06	0.16	0.19	0.37	0.36	0.42	0.38	0.27	0.18	0.14	0.16	0.17	0.26	0.23	0.21	0.26	0.45	0.72	0.65	0.94	1.18	0.33	24
11/12/2024	0.74	0.61	1.52	0.85	0.66	0.39	0.56	0.46	0.46	0.38	0.27	0.26	0.22	0.19	0.18	0.20	0.38	0.24	0.21	0.20	0.20	0.24	0.81	0.29	0.44	24
11/13/2024	0.26	0.27	0.52	0.23	0.23	0.22	0.18	0.31	0.15	0.13	0.15	0.12	0.15	0.16	0.15	0.14	0.81	0.13	0.21	0.26	0.18	0.17	0.17	0.13	0.23	24
11/14/2024	0.13	0.10	0.22	0.19	0.21	0.29	0.20	0.12	0.07	0.10	0.08	0.08	0.05	0.08	0.10	0.13	0.51	0.55	0.44	0.15	0.15	0.15	0.28	0.26	0.19	24
11/15/2024	0.20	0.22	0.30	0.38	0.27	0.27	0.22	0.26	0.26	0.14	0.15	0.19	0.12	0.11	0.12	0.13	0.25	0.46	0.96	0.72	0.35	0.35	0.98	1.71	0.38	24
11/16/2024	1.06	0.60	0.46	0.58	0.49	0.37	0.31	0.37	0.36	0.19	0.26	0.23	0.25	0.30	0.30	0.28	0.27	0.26	0.26	0.18	0.16	0.20	0.28	0.26	0.35	24
11/17/2024	0.29	0.46	0.50	0.54	0.60	0.49	0.41	0.23	0.15	0.19	0.22	0.27	0.26	0.22	0.24	0.28	0.27	0.28	0.23	0.22	0.21	0.22	0.23	0.34	0.31	24
11/18/2024	0.45	0.81	0.87	0.54	0.60	0.46	0.32	0.41	0.33	0.33	0.37	0.35	0.22	0.19	0.19	0.17	0.18	0.19	0.18	0.16	0.11	0.10	0.11	0.14	0.32	24
11/19/2024	0.17	0.18	0.19	0.22	0.33	0.46	0.30	0.22	0.18	0.13	0.17	0.15	0.14	0.13	0.12	0.09	0.07	0.04	0.06	0.06	0.08	0.09	0.09	0.12	0.16	24
11/20/2024	0.60	0.50	0.63	0.47	0.49	1.28	0.28	0.33	0.34	0.35	0.39	0.42	0.45	0.69	0.68	0.69	0.64	0.46	0.31	0.30	0.28	0.17	0.11	0.10	0.46	24
11/21/2024	0.09	0.09	0.11	0.08	0.25	0.36	0.20	0.18	0.17	0.10	0.11	0.12	0.17	0.21	0.26	0.22	0.20	0.47	0.27	0.29	0.25	0.25	0.26	0.21	0.20	24
11/22/2024	0.24	0.24	0.19	0.16	0.18	0.27	0.25	0.14	0.10	0.07	0.07	0.12	0.19	0.13	0.17	0.27	0.34	0.51	0.43	0.45	0.39	0.52	0.34	0.35	0.25	24
11/23/2024	0.42	0.30	0.25	0.25	0.25	0.26	0.28	0.28	0.20	0.19	0.30	0.24	0.33	0.32	0.44	0.72	0.85	1.11	1.17	1.33	1.27	1.21	0.98	0.92	0.58	24
11/24/2024	0.88	0.73	0.99	1.13	1.25	1.40	0.85	0.69	0.28	0.28	0.27	0.34	0.32	0.34	0.41	0.46	0.38	0.40	0.39	0.41	0.42	0.50	0.57	0.61	0.60	24
11/25/2024	0.56	0.52	0.62	0.69	0.67	0.70	0.68	1.07	0.83	0.71	0.70	0.72	0.48	0.42	0.52	0.56	0.52	0.48	0.41	0.42	0.48	0.53	0.59	0.65	0.61	24
11/26/2024	0.50	0.49	0.38	0.34	0.61	0.31	0.31	0.15	0.17	0.18	0.14	0.13	0.14	0.20	0.37	0.60	0.88	1.95	3.74	0.71	0.52	0.55	0.57	0.42	0.60	24
11/27/2024	0.45	0.49	0.38	0.65	1.08	1.02	0.92	1.31	1.83	0.98	0.50	0.42	0.40	0.44	0.54	0.38	0.37	0.39	0.27	0.34	0.38	0.31	0.24	0.22	0.60	24
11/28/2024	0.22	0.18	0.14	0.12	0.10	0.09	0.09	0.07	0.06	0.04	0.05	0.05	0.06	0.10	0.09	0.10	0.11	0.14	0.20	0.35	0.29	0.23	0.27	0.22	0.14	24
11/29/2024	0.18	0.15	0.16	0.13	0.16	0.08	0.32	0.13	0.08	0.09	0.11	0.13	0.14	0.35	0.19	0.14	0.22	0.28	0.40	0.34	0.35	0.30	0.26	0.27	0.21	24
11/30/2024	0.24	0.24	0.25	0.29	0.29	0.41	0.36	1.10	0.25	0.18	0.16	0.18	0.17	0.24	0.27	0.26	0.52	0.55	0.48	0.46	0.24	0.33	0.48	0.33	0.34	24
avg	0.32	0.32	0.36	0.35	0.40	0.38	0.32	0.33	0.28	0.23	0.20	0.20	0.20	0.22	0.29	0.26	0.33	0.36	0.40	0.31	0.30	0.31	0.33	0.34	0.31	
min	0.04	0.04	0.05	0.04	0.05	0.02	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.02	0.05	0.05	0.03	0.02	0.02	0.02	0.04	0.03	0.06	0.03	0.06	
max	1.06	0.95	1.52	1.13	1.78	1.40	0.92	1.31	1.83	0.98	0.70	0.72	0.48	0.69	1.86	0.72	0.88	1.95	3.74	1.33	1.27	1.21	0.98	1.71	0.61	720

Saroad Table - Hourly PM2.5 Data
November 2024

Location: Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
11/1/2024	0.41	0.70	0.15	0.42	0.37	0.69	0.78	0.64	0.44	0.51	1.05	0.47	0.16	0.64	0.38	0.41	0.25	0.64	0.87	0.92	0.38	0.77	0.49	0.45	0.54	24
11/2/2024	0.41	0.79	0.64	1.45	1.31	2.22	1.55	1.07	0.81	0.43	0.23	0.20	0.24	0.57	0.27	0.71	0.22	0.16	0.19	0.85	0.36	0.50	0.46	0.22	0.66	24
11/3/2024	0.13	0.21	1.31	0.15	0.12	0.17	0.24	0.16	0.14	0.31	0.30	0.27	0.26	0.55	0.34	0.20	0.21	0.16	0.19	0.25	0.34	0.17	0.18	0.20	0.27	24
11/4/2024	0.22	0.24	0.30	0.27	0.61	0.34	0.45	0.26	0.27	0.23	0.15	0.56	0.26	0.87	0.14	0.17	0.23	0.32	0.17	0.11	0.16	0.07	0.26	0.35	0.29	24
11/5/2024	0.35	0.20	0.18	0.27	0.38	0.40	0.25	0.25	0.59	0.45	0.19	0.14	0.11	1.35	0.59	0.35	0.42	0.61	0.63	1.11	0.71	0.62	0.65	0.21	0.46	24
11/6/2024	0.12	0.14	1.10	0.24	0.13	0.79	0.88	1.07	0.84	1.62	1.00	0.73	0.70	1.15	0.64	0.59	0.80	0.47	0.41	0.74	0.44	0.97	0.13	0.08	0.66	24
11/7/2024	0.07	0.14	0.18	0.03	0.06	0.13	0.13	0.14	0.09	0.19	0.54	0.39	0.31	0.47	0.40	0.39	0.33	0.44	0.58	0.65	0.16	0.42	0.66	0.32	0.30	24
11/8/2024	0.28	0.18	0.12	0.19	0.07	0.10	0.08	0.06	0.07	0.28	0.39	1.50	0.71	0.41	0.85	0.32	0.33	1.29	1.52	1.57	1.44	0.89	0.78	1.14	0.61	24
11/9/2024	0.96	1.04	0.61	0.58	0.34	0.42	0.46	0.39	0.25	0.30	0.39	0.38	0.52	0.52	0.47	0.74	0.41	0.35	0.29	0.58	0.38	0.25	0.30	0.24	0.46	24
11/10/2024	0.28	0.21	0.25	0.16	0.15	0.36	0.34	0.54	0.13	0.20	0.30	0.24	0.41	0.88	0.59	0.26	0.28	0.50	0.24	0.27	0.42	0.22	0.21	0.21	0.32	24
11/11/2024	0.15	0.13	0.13	0.10	0.13	0.42	0.45	1.37	1.07	0.81	0.96	1.59	0.79	2.10	1.72	0.45	0.72	1.25	0.71	0.90	0.97	0.91	1.30	1.37	0.85	24
11/12/2024	1.40	1.36	1.28	1.28	1.30	1.37	1.04	2.90	1.56	0.93	0.86	0.38	0.56	0.52	0.57	0.52	0.51	0.81	0.51	0.44	0.62	0.35	0.54	0.42	0.92	24
11/13/2024	0.43	0.43	0.66	0.51	0.80	0.51	0.33	0.37	0.33	0.19	0.20	0.20	0.20	0.32	1.26	0.21	0.26	0.23	0.32	0.35	0.24	0.16	0.15	0.18	0.37	24
11/14/2024	0.15	0.12	0.13	0.18	0.12	0.14	0.10	0.30	0.34	0.33	0.22	0.38	0.28	0.40	0.25	0.27	1.07	1.02	1.36	1.10	0.44	0.56	0.94	0.76	0.46	24
11/15/2024	0.81	0.79	0.85	0.87	0.72	1.19	0.64	0.47	0.82	0.80	0.57	0.71	0.43	0.59	0.46	0.56	0.15	0.18	0.30	0.52	0.29	0.43	0.60	1.85	0.65	24
11/16/2024	2.40	3.35	3.42	2.87	1.02	0.89	0.61	0.49	0.32	0.37	0.27	0.41	0.25	0.42	0.55	0.56	0.28	0.33	0.72	1.50	1.44	2.38	2.15	2.98	1.25	24
11/17/2024	3.50	3.26	4.17	5.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.05	4
11/18/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
11/19/2024	--	--	--	--	--	--	--	--	--	--	--	--	0.27	0.19	0.25	0.24	0.19	0.27	0.30	0.27	0.19	0.13	0.09	0.09	0.21	12
11/20/2024	0.11	0.23	0.41	0.33	0.42	0.63	0.68	0.83	1.56	0.98	0.49	0.48	0.78	0.93	1.13	0.90	1.05	1.06	1.22	1.17	0.60	0.45	0.43	0.33	0.72	24
11/21/2024	0.25	0.28	0.35	0.38	0.45	0.37	0.46	0.75	0.68	0.77	0.41	0.44	0.36	0.36	0.34	0.41	0.39	0.43	0.32	0.46	0.34	0.26	0.28	0.29	0.41	24
11/22/2024	0.32	0.26	0.24	0.24	0.22	0.24	0.22	0.50	0.37	0.37	0.29	0.41	0.40	0.50	0.27	0.47	0.24	0.29	0.41	0.40	0.47	0.51	0.40	0.43	0.35	24
11/23/2024	0.42	0.44	0.37	0.37	0.48	0.51	0.54	1.28	1.04	0.54	0.71	0.87	0.74	0.87	0.44	0.33	0.36	0.43	1.05	1.17	1.48	2.35	1.98	1.64	0.85	24
11/24/2024	1.54	2.16	1.93	2.17	2.04	2.27	1.72	1.71	1.39	1.08	0.51	0.35	0.29	0.25	0.25	0.28	0.34	0.63	1.29	1.13	0.84	0.85	0.84	1.09	1.12	24
11/25/2024	0.81	1.17	1.21	1.18	1.70	1.96	1.39	2.53	2.69	1.89	1.57	1.87	1.67	1.56	0.77	0.66	0.76	0.74	0.71	0.86	0.75	0.53	0.55	0.64	1.26	24
11/26/2024	0.50	0.64	0.76	0.74	0.74	0.89	0.74	1.76	1.54	1.20	0.80	1.08	0.85	0.80	0.70	0.51	0.62	0.65	0.76	0.68	0.96	1.20	0.93	1.19	0.89	24
11/27/2024	1.19	1.00	1.17	0.75	0.62	0.69	0.71	1.17	2.09	2.47	3.23	1.31	0.98	1.48	1.07	0.42	0.52	0.60	0.70	0.55	0.53	0.58	0.61	0.48	1.04	24
11/28/2024	0.43	0.38	0.37	0.31	0.27	0.19	0.17	0.16	0.13	0.18	0.09	0.08	0.11	0.09	0.09	0.10	0.15	0.25	0.18	0.22	0.32	0.51	1.68	1.02	0.31	24
11/29/2024	1.49	0.77	1.45	1.44	0.68	0.43	1.12	0.19	0.37	0.13	0.57	0.25	0.38	0.47	0.42	0.27	0.24	0.29	0.65	0.73	1.05	1.21	2.49	1.21	0.76	24
11/30/2024	1.02	1.24	1.55	1.32	1.34	1.07	0.56	0.27	0.30	0.47	0.35	0.24	0.27	0.46	0.47	0.52	0.37	0.34	0.56	0.87	0.56	0.63	2.24	2.63	0.82	24
avg	0.72	0.78	0.90	0.86	0.61	0.72	0.62	0.80	0.75	0.67	0.62	0.59	0.47	0.70	0.56	0.42	0.42	0.53	0.61	0.73	0.60	0.67	0.80	0.79	0.75	
min	0.07	0.12	0.12	0.03	0.06	0.10	0.08	0.06	0.07	0.13	0.09	0.08	0.11	0.09	0.09	0.10	0.15	0.16	0.17	0.11	0.16	0.07	0.09	0.08	0.21	
max	3.50	3.35	4.17	5.28	2.04	2.27	1.72	2.90	2.69	2.47	3.23	1.87	1.67	2.10	1.72	0.90	1.07	1.29	1.52	1.57	1.48	2.38	2.49	2.98	4.05	664

Saroad Table - Hourly PM2.5 Data
December 2024

Location: Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
12/1/2024	11.8	15.4								18.0	9.5	7.1	6.9	6.3	6.0	6.4	5.4	6.0	8.8	10.9	12.1	22.4	12.2	12.8	10.5	17
12/2/2024	13.8	12.5	11.1	10.5	10.3	12.2	11.7	12.5	12.3	9.5	9.3	9.4	7.0	6.5	6.5	6.8	6.6	7.7	9.0	9.8	10.7	11.4	11.8	15.3	10.2	24
12/3/2024	17.1	14.7	12.9	16.0	15.5	14.4	15.2	13.7	15.7	14.0	11.0	9.5	8.0	6.8	6.6	7.3		6.4	8.2	8.2	9.5	14.6	16.1	15.7	12.1	23
12/4/2024	15.1	13.9	16.0	16.5	18.0	18.8	20.8	21.5	26.3	14.3	15.8	14.8	11.2	11.1	8.5	8.0	8.6	10.5	8.7	8.4	8.8	8.2	7.1	7.7	13.3	24
12/5/2024	8.2	9.2	10.9	11.1	11.1	10.9	9.2	8.6	8.5	7.5	6.6	5.6	5.0	10.9	4.9	6.5	7.2	6.8	10.7	11.6	11.8	10.0	9.2	9.5	8.8	24
12/6/2024	8.5	8.0	7.8	9.7	10.2	9.4	10.7	8.4	8.7	8.7	8.5	8.5	7.4	7.2	7.0	8.1	7.4	6.4	7.0	7.5	7.7	7.5	8.0	16.0	8.5	24
12/7/2024	15.2	15.3	15.1	14.2	14.7	14.7	15.7	15.8	13.4	10.4	7.5	7.8	8.6	9.4	9.6	8.6	7.6	7.6	9.6	11.1	14.4	9.6	9.6	10.6	11.5	24
12/8/2024	10.5	12.0	10.3	9.1	11.5	12.6	15.1	17.2	16.1	12.7	9.5	8.7	8.7	8.7	8.1	9.1	18.1	22.0	17.5	16.9	16.1	16.0	12.0	10.8	12.9	24
12/9/2024	11.4	10.5	9.5	9.7	10.2	11.2	12.3	13.9	16.6	16.9	8.9	6.0	6.0	6.0	5.3	4.7	5.7	5.7	7.5	8.0	4.9	4.4	3.1	2.9	8.4	24
12/10/2024	3.2	3.3	3.2	3.6	5.3	7.4	7.6	8.0	8.5	5.3	4.8	4.9	5.6	4.9	4.9	5.1	5.0	4.6	4.5	3.8	3.4	3.3	3.5	3.7	4.9	24
12/11/2024	4.4	5.4	5.6	7.1	8.0	7.4	7.7	6.2	6.0	5.2	4.7	3.5	2.1	3.5	3.0	3.4	3.3	3.6	4.0	4.8	5.2	4.7	4.6	4.9	4.9	24
12/12/2024	5.3	5.3	5.0	5.0	5.3	5.8	6.6	8.6	8.0	8.4	7.0	6.4	6.4	5.7	5.5	5.9	5.9	6.6	9.1	11.6	12.8	15.9	18.1	18.8	8.3	24
12/13/2024	18.4	18.5	18.0	14.6	14.9	14.3	15.2	12.2	11.5	8.2	6.1	5.5	5.1	4.5	4.2	4.6	4.6	6.2	8.2	8.5	7.4	7.9	9.0	7.9	9.8	24
12/14/2024	5.9	6.6	5.3	4.9	4.9	5.1	5.5	6.4	5.3	5.8	54.4	76.0	7.7	4.0	3.9	4.2	4.2	4.8	4.1	3.0	3.7	4.0	3.4	3.8	9.9	24
12/15/2024	5.3	5.0	5.3	7.1	5.9	6.2	4.9	5.9	8.1	5.8	6.2	5.4	5.0	8.6	19.2	4.7	3.8	4.2	3.6	4.0	4.9	3.9	4.8	9.5	6.1	24
12/16/2024	15.1	11.8	14.2	16.8	12.7		15.2	12.0	15.0	19.6	24.8	13.6	4.9	2.6	2.4	2.3	1.6	1.8	2.2	2.5	9.0	5.8	3.4	3.1	9.2	23
12/17/2024	2.9	3.2	5.1	9.9	12.1	9.6	11.1	11.2	11.8	8.4	5.9	6.3	4.5	3.2	4.8	6.2	3.3	3.2	2.1	3.4	3.8	5.0	5.0	7.0	6.2	24
12/18/2024	8.8	8.4	7.6	6.2	5.5	9.3	12.1	13.9	13.0	6.3	5.6	4.3	2.8	2.6	2.3	2.2	2.3	2.2	2.9	3.8	4.0	5.3	4.4	2.5	5.8	24
12/19/2024	2.5	3.8	4.8	6.3	5.2	6.9	8.1	7.5	6.4	6.2	5.6	5.6	7.1	6.1	5.9	8.6	15.0	19.6	14.8	11.5	13.0	11.9	6.1	5.1	8.1	24
12/20/2024	6.3	7.4	6.7	9.4	9.7	8.2	12.0	15.6	15.8	11.6	8.6	7.1	5.9	5.4	5.6	7.2	6.1	6.4	7.8	7.8	7.0	6.2	6.5	5.8	8.2	24
12/21/2024	6.4	6.5	6.1	4.9	4.4	4.5	5.2	7.1	6.7	7.1	6.7	5.8	5.7	5.1	4.8	4.6	4.7	4.9	7.6	8.4	11.6	8.4	7.5	8.0	6.4	24
12/22/2024	10.1	10.1	13.4	16.0		15.2	13.3	11.9	10.9	7.4	7.7	7.2	6.8	6.4	6.6	5.8	5.8	5.3	7.1	7.9	7.1	6.8	8.1	10.0	9.0	23
12/23/2024	9.7	11.7	11.9	10.7	11.3	7.9	5.9	5.6	5.6	4.9	4.9	5.2	6.1	5.3	5.1	5.4	4.8	4.3	4.9	7.2	10.6	14.4	14.1	7.5	7.7	24
12/24/2024	7.3	5.4	8.8	4.4	10.9	8.6	15.2	13.9	11.7	8.0	7.4	8.1	5.6	4.9	5.7	4.7	4.8	4.7	6.0	8.6	10.5	13.3	21.2	17.8	9.1	24
12/25/2024					18.0	17.3	16.1	18.4	15.3	9.3	5.9	5.9	6.2	6.5	7.4	7.3	7.4	7.4	7.6	8.1	8.5	8.8	8.7	8.0	9.9	20
12/26/2024	9.9	9.2	7.7	8.8	9.1	9.7	8.9	8.1	7.9	6.4	6.2	6.6	4.8	4.7	8.6	9.6	4.9	6.0	7.2	8.5	11.2	9.8	8.2	7.6	7.9	24
12/27/2024	6.0	7.8	14.5	15.3	10.7	6.3	5.2	2.8	1.5	1.2	2.5	3.3	5.7	7.5	7.5	7.3	7.3	8.5	15.4	20.7	15.5	18.6	20.9	17.0	9.5	24
12/28/2024	15.7	15.5	14.0	14.3	13.0	11.4	4.4	6.1	2.9	1.3	1.2	1.1	4.9	2.8	2.4	2.4	2.7	3.2	3.5	2.8	2.7	2.3	2.1	2.2	5.6	24
12/29/2024	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.9	2.2	1.2	1.3	1.5	1.0	1.0	1.3	2.1	2.4	2.7	3.3	4.9	4.5	3.7	3.7	2.3	24
12/30/2024	4.3	4.7	4.9	4.1	4.2	4.4	6.3	5.8	7.8	6.0	4.5	4.2	4.2	4.0	3.8	4.0	3.9	4.2	3.3	2.8	2.8	6.6	9.4	13.4	5.1	24
12/31/2024	10.5	6.5	4.9	5.4	6.2	5.9	6.7	8.2	8.7	6.9	5.9	5.9	6.3	5.3	4.6	4.6	4.6	5.1	5.5	7.3	7.7	9.8	11.8	12.3	7.0	24
avg	9.1	9.0	9.1	9.4	9.7	9.6	10.2	10.3	10.3	8.5	8.9	8.7	5.9	5.7	5.9	5.7	5.8	6.4	7.1	7.8	8.5	9.1	8.8	9.1	8.3	
min	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.5	1.2	1.2	1.1	1.5	1.0	1.0	1.3	1.6	1.8	2.1	2.5	2.7	2.3	2.1	2.2	2.3	
max	18.4	18.5	18.0	16.8	18.0	18.8	20.8	21.5	26.3	19.6	54.4	76.0	11.2	11.1	19.2	9.6	18.1	22.0	17.5	20.7	16.1	22.4	21.2	18.8	13.3	730

Saroad Table - Hourly PM2.5 Data
December 2024

Location: Carver Village **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
12/1/2024	11.8	15.4								18.0	9.5	7.1	6.9	6.3	6.0	6.4	5.4	6.0	8.8	10.9	12.1	22.4	12.2	12.8	10.5	17
12/2/2024	13.8	12.5	11.1	10.5	10.3	12.2	11.7	12.5	12.3	9.5	9.3	9.4	7.0	6.5	6.5	6.8	6.6	7.7	9.0	9.8	10.7	11.4	11.8	15.3	10.2	24
12/3/2024	17.1	14.7	12.9	16.0	15.5	14.4	15.2	13.7	15.7	14.0	11.0	9.5	8.0	6.8	6.6	7.3		6.4	8.2	8.2	9.5	14.6	16.1	15.7	12.1	23
12/4/2024	15.1	13.9	16.0	16.5	18.0	18.8	20.8	21.5	26.3	14.3	15.8	14.8	11.2	11.1	8.5	8.0	8.6	10.5	8.7	8.4	8.8	8.2	7.1	7.7	13.3	24
12/5/2024	8.2	9.2	10.9	11.1	11.1	10.9	9.2	8.6	8.5	7.5	6.6	5.6	5.0	10.9	4.9	6.5	7.2	6.8	10.7	11.6	11.8	10.0	9.2	9.5	8.8	24
12/6/2024	8.5	8.0	7.8	9.7	10.2	9.4	10.7	8.4	8.7	8.7	8.5	8.5	7.4	7.2	7.0	8.1	7.4	6.4	7.0	7.5	7.7	7.5	8.0	16.0	8.5	24
12/7/2024	15.2	15.3	15.1	14.2	14.7	14.7	15.7	15.8	13.4	10.4	7.5	7.8	8.6	9.4	9.6	8.6	7.6	7.6	9.6	11.1	14.4	9.6	9.6	10.6	11.5	24
12/8/2024	10.5	12.0	10.3	9.1	11.5	12.6	15.1	17.2	16.1	12.7	9.5	8.7	8.7	8.7	8.1	9.1	18.1	22.0	17.5	16.9	16.1	16.0	12.0	10.8	12.9	24
12/9/2024	11.4	10.5	9.5	9.7	10.2	11.2	12.3	13.9	16.6	16.9	8.9	6.0	6.0	6.0	5.3	4.7	5.7	5.7	7.5	8.0	4.9	4.4	3.1	2.9	8.4	24
12/10/2024	3.2	3.3	3.2	3.6	5.3	7.4	7.6	8.0	8.5	5.3	4.8	4.9	5.6	4.9	4.9	5.1	5.0	4.6	4.5	3.8	3.4	3.3	3.5	3.7	4.9	24
12/11/2024	4.4	5.4	5.6	7.1	8.0	7.4	7.7	6.2	6.0	5.2	4.7	3.5	2.1	3.5	3.0	3.4	3.3	3.6	4.0	4.8	5.2	4.7	4.6	4.9	4.9	24
12/12/2024	5.3	5.3	5.0	5.0	5.3	5.8	6.6	8.6	8.0	8.4	7.0	6.4	6.4	5.7	5.5	5.9	5.9	6.6	9.1	11.6	12.8	15.9	18.1	18.8	8.3	24
12/13/2024	18.4	18.5	18.0	14.6	14.9	14.3	15.2	12.2	11.5	8.2	6.1	5.5	5.1	4.5	4.2	4.6	4.6	6.2	8.2	8.5	7.4	7.9	9.0	7.9	9.8	24
12/14/2024	5.9	6.6	5.3	4.9	4.9	5.1	5.5	6.4	5.3	5.8	54.4	76.0	7.7	4.0	3.9	4.2	4.2	4.8	4.1	3.0	3.7	4.0	3.4	3.8	9.9	24
12/15/2024	5.3	5.0	5.3	7.1	5.9	6.2	4.9	5.9	8.1	5.8	6.2	5.4	5.0	8.6	19.2	4.7	3.8	4.2	3.6	4.0	4.9	3.9	4.8	9.5	6.1	24
12/16/2024	15.1	11.8	14.2	16.8	12.7		15.2	12.0	15.0	19.6	24.8	13.6	4.9	2.6	2.4	2.3	1.6	1.8	2.2	2.5	9.0	5.8	3.4	3.1	9.2	23
12/17/2024	2.9	3.2	5.1	9.9	12.1	9.6	11.1	11.2	11.8	8.4	5.9	6.3	4.5	3.2	4.8	6.2	3.3	3.2	2.1	3.4	3.8	5.0	5.0	7.0	6.2	24
12/18/2024	8.8	8.4	7.6	6.2	5.5	9.3	12.1	13.9	13.0	6.3	5.6	4.3	2.8	2.6	2.3	2.2	2.3	2.2	2.9	3.8	4.0	5.3	4.4	2.5	5.8	24
12/19/2024	2.5	3.8	4.8	6.3	5.2	6.9	8.1	7.5	6.4	6.2	5.6	5.6	7.1	6.1	5.9	8.6	15.0	19.6	14.8	11.5	13.0	11.9	6.1	5.1	8.1	24
12/20/2024	6.3	7.4	6.7	9.4	9.7	8.2	12.0	15.6	15.8	11.6	8.6	7.1	5.9	5.4	5.6	7.2	6.1	6.4	7.8	7.8	7.0	6.2	6.5	5.8	8.2	24
12/21/2024	6.4	6.5	6.1	4.9	4.4	4.5	5.2	7.1	6.7	7.1	6.7	5.8	5.7	5.1	4.8	4.6	4.7	4.9	7.6	8.4	11.6	8.4	7.5	8.0	6.4	24
12/22/2024	10.1	10.1	13.4	16.0		15.2	13.3	11.9	10.9	7.4	7.7	7.2	6.8	6.4	6.6	5.8	5.8	5.3	7.1	7.9	7.1	6.8	8.1	10.0	9.0	23
12/23/2024	9.7	11.7	11.9	10.7	11.3	7.9	5.9	5.6	5.6	4.9	4.9	5.2	6.1	5.3	5.1	5.4	4.8	4.3	4.9	7.2	10.6	14.4	14.1	7.5	7.7	24
12/24/2024	7.3	5.4	8.8	4.4	10.9	8.6	15.2	13.9	11.7	8.0	7.4	8.1	5.6	4.9	5.7	4.7	4.8	4.7	6.0	8.6	10.5	13.3	21.2	17.8	9.1	24
12/25/2024					18.0	17.3	16.1	18.4	15.3	9.3	5.9	5.9	6.2	6.5	7.4	7.3	7.4	7.4	7.6	8.1	8.5	8.8	8.7	8.0	9.9	20
12/26/2024	9.9	9.2	7.7	8.8	9.1	9.7	8.9	8.1	7.9	6.4	6.2	6.6	4.8	4.7	8.6	9.6	4.9	6.0	7.2	8.5	11.2	9.8	8.2	7.6	7.9	24
12/27/2024	6.0	7.8	14.5	15.3	10.7	6.3	5.2	2.8	1.5	1.2	2.5	3.3	5.7	7.5	7.5	7.3	7.3	8.5	15.4	20.7	15.5	18.6	20.9	17.0	9.5	24
12/28/2024	15.7	15.5	14.0	14.3	13.0	11.4	4.4	6.1	2.9	1.3	1.2	1.1	4.9	2.8	2.4	2.4	2.7	3.2	3.5	2.8	2.7	2.3	2.1	2.2	5.6	24
12/29/2024	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.9	2.2	1.2	1.3	1.5	1.0	1.0	1.3	2.1	2.4	2.7	3.3	4.9	4.5	3.7	3.7	2.3	24
12/30/2024	4.3	4.7	4.9	4.1	4.2	4.4	6.3	5.8	7.8	6.0	4.5	4.2	4.2	4.0	3.8	4.0	3.9	4.2	3.3	2.8	2.8	6.6	9.4	13.4	5.1	24
12/31/2024	10.5	6.5	4.9	5.4	6.2	5.9	6.7	8.2	8.7	6.9	5.9	5.9	6.3	5.3	4.6	4.6	4.6	5.1	5.5	7.3	7.7	9.8	11.8	12.3	7.0	24
avg	9.1	9.0	9.1	9.4	9.7	9.6	10.2	10.3	10.3	8.5	8.9	8.7	5.9	5.7	5.9	5.7	5.8	6.4	7.1	7.8	8.5	9.1	8.8	9.1	8.3	
min	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.5	1.2	1.2	1.1	1.5	1.0	1.0	1.3	1.6	1.8	2.1	2.5	2.7	2.3	2.1	2.2	2.3	
max	18.4	18.5	18.0	16.8	18.0	18.8	20.8	21.5	26.3	19.6	54.4	76.0	11.2	11.1	19.2	9.6	18.1	22.0	17.5	20.7	16.1	22.4	21.2	18.8	13.3	730

Saroad Table - Hourly PM2.5 Data
December 2024

Location: Woodville **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
12/1/2024	11.8	15.4								18.0	9.5	7.1	6.9	6.3	6.0	6.4	5.4	6.0	8.8	10.9	12.1	22.4	12.2	12.8	10.5	17
12/2/2024	13.8	12.5	11.1	10.5	10.3	12.2	11.7	12.5	12.3	9.5	9.3	9.4	7.0	6.5	6.5	6.8	6.6	7.7	9.0	9.8	10.7	11.4	11.8	15.3	10.2	24
12/3/2024	17.1	14.7	12.9	16.0	15.5	14.4	15.2	13.7	15.7	14.0	11.0	9.5	8.0	6.8	6.6	7.3		6.4	8.2	8.2	9.5	14.6	16.1	15.7	12.1	23
12/4/2024	15.1	13.9	16.0	16.5	18.0	18.8	20.8	21.5	26.3	14.3	15.8	14.8	11.2	11.1	8.5	8.0	8.6	10.5	8.7	8.4	8.8	8.2	7.1	7.7	13.3	24
12/5/2024	8.2	9.2	10.9	11.1	11.1	10.9	9.2	8.6	8.5	7.5	6.6	5.6	5.0	10.9	4.9	6.5	7.2	6.8	10.7	11.6	11.8	10.0	9.2	9.5	8.8	24
12/6/2024	8.5	8.0	7.8	9.7	10.2	9.4	10.7	8.4	8.7	8.7	8.5	8.5	7.4	7.2	7.0	8.1	7.4	6.4	7.0	7.5	7.7	7.5	8.0	16.0	8.5	24
12/7/2024	15.2	15.3	15.1	14.2	14.7	14.7	15.7	15.8	13.4	10.4	7.5	7.8	8.6	9.4	9.6	8.6	7.6	7.6	9.6	11.1	14.4	9.6	9.6	10.6	11.5	24
12/8/2024	10.5	12.0	10.3	9.1	11.5	12.6	15.1	17.2	16.1	12.7	9.5	8.7	8.7	8.7	8.1	9.1	18.1	22.0	17.5	16.9	16.1	16.0	12.0	10.8	12.9	24
12/9/2024	11.4	10.5	9.5	9.7	10.2	11.2	12.3	13.9	16.6	16.9	8.9	6.0	6.0	6.0	5.3	4.7	5.7	5.7	7.5	8.0	4.9	4.4	3.1	2.9	8.4	24
12/10/2024	3.2	3.3	3.2	3.6	5.3	7.4	7.6	8.0	8.5	5.3	4.8	4.9	5.6	4.9	4.9	5.1	5.0	4.6	4.5	3.8	3.4	3.3	3.5	3.7	4.9	24
12/11/2024	4.4	5.4	5.6	7.1	8.0	7.4	7.7	6.2	6.0	5.2	4.7	3.5	2.1	3.5	3.0	3.4	3.3	3.6	4.0	4.8	5.2	4.7	4.6	4.9	4.9	24
12/12/2024	5.3	5.3	5.0	5.0	5.3	5.8	6.6	8.6	8.0	8.4	7.0	6.4	6.4	5.7	5.5	5.9	5.9	6.6	9.1	11.6	12.8	15.9	18.1	18.8	8.3	24
12/13/2024	18.4	18.5	18.0	14.6	14.9	14.3	15.2	12.2	11.5	8.2	6.1	5.5	5.1	4.5	4.2	4.6	4.6	6.2	8.2	8.5	7.4	7.9	9.0	7.9	9.8	24
12/14/2024	5.9	6.6	5.3	4.9	4.9	5.1	5.5	6.4	5.3	5.8	54.4	76.0	7.7	4.0	3.9	4.2	4.2	4.8	4.1	3.0	3.7	4.0	3.4	3.8	9.9	24
12/15/2024	5.3	5.0	5.3	7.1	5.9	6.2	4.9	5.9	8.1	5.8	6.2	5.4	5.0	8.6	19.2	4.7	3.8	4.2	3.6	4.0	4.9	3.9	4.8	9.5	6.1	24
12/16/2024	15.1	11.8	14.2	16.8	12.7		15.2	12.0	15.0	19.6	24.8	13.6	4.9	2.6	2.4	2.3	1.6	1.8	2.2	2.5	9.0	5.8	3.4	3.1	9.2	23
12/17/2024	2.9	3.2	5.1	9.9	12.1	9.6	11.1	11.2	11.8	8.4	5.9	6.3	4.5	3.2	4.8	6.2	3.3	3.2	2.1	3.4	3.8	5.0	5.0	7.0	6.2	24
12/18/2024	8.8	8.4	7.6	6.2	5.5	9.3	12.1	13.9	13.0	6.3	5.6	4.3	2.8	2.6	2.3	2.2	2.3	2.2	2.9	3.8	4.0	5.3	4.4	2.5	5.8	24
12/19/2024	2.5	3.8	4.8	6.3	5.2	6.9	8.1	7.5	6.4	6.2	5.6	5.6	7.1	6.1	5.9	8.6	15.0	19.6	14.8	11.5	13.0	11.9	6.1	5.1	8.1	24
12/20/2024	6.3	7.4	6.7	9.4	9.7	8.2	12.0	15.6	15.8	11.6	8.6	7.1	5.9	5.4	5.6	7.2	6.1	6.4	7.8	7.8	7.0	6.2	6.5	5.8	8.2	24
12/21/2024	6.4	6.5	6.1	4.9	4.4	4.5	5.2	7.1	6.7	7.1	6.7	5.8	5.7	5.1	4.8	4.6	4.7	4.9	7.6	8.4	11.6	8.4	7.5	8.0	6.4	24
12/22/2024	10.1	10.1	13.4	16.0		15.2	13.3	11.9	10.9	7.4	7.7	7.2	6.8	6.4	6.6	5.8	5.8	5.3	7.1	7.9	7.1	6.8	8.1	10.0	9.0	23
12/23/2024	9.7	11.7	11.9	10.7	11.3	7.9	5.9	5.6	5.6	4.9	4.9	5.2	6.1	5.3	5.1	5.4	4.8	4.3	4.9	7.2	10.6	14.4	14.1	7.5	7.7	24
12/24/2024	7.3	5.4	8.8	4.4	10.9	8.6	15.2	13.9	11.7	8.0	7.4	8.1	5.6	4.9	5.7	4.7	4.8	4.7	6.0	8.6	10.5	13.3	21.2	17.8	9.1	24
12/25/2024					18.0	17.3	16.1	18.4	15.3	9.3	5.9	5.9	6.2	6.5	7.4	7.3	7.4	7.4	7.6	8.1	8.5	8.8	8.7	8.0	9.9	20
12/26/2024	9.9	9.2	7.7	8.8	9.1	9.7	8.9	8.1	7.9	6.4	6.2	6.6	4.8	4.7	8.6	9.6	4.9	6.0	7.2	8.5	11.2	9.8	8.2	7.6	7.9	24
12/27/2024	6.0	7.8	14.5	15.3	10.7	6.3	5.2	2.8	1.5	1.2	2.5	3.3	5.7	7.5	7.5	7.3	7.3	8.5	15.4	20.7	15.5	18.6	20.9	17.0	9.5	24
12/28/2024	15.7	15.5	14.0	14.3	13.0	11.4	4.4	6.1	2.9	1.3	1.2	1.1	4.9	2.8	2.4	2.4	2.7	3.2	3.5	2.8	2.7	2.3	2.1	2.2	5.6	24
12/29/2024	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.9	2.2	1.2	1.3	1.5	1.0	1.0	1.3	2.1	2.4	2.7	3.3	4.9	4.5	3.7	3.7	2.3	24
12/30/2024	4.3	4.7	4.9	4.1	4.2	4.4	6.3	5.8	7.8	6.0	4.5	4.2	4.2	4.0	3.8	4.0	3.9	4.2	3.3	2.8	2.8	6.6	9.4	13.4	5.1	24
12/31/2024	10.5	6.5	4.9	5.4	6.2	5.9	6.7	8.2	8.7	6.9	5.9	5.9	6.3	5.3	4.6	4.6	4.6	5.1	5.5	7.3	7.7	9.8	11.8	12.3	7.0	24
avg	9.1	9.0	9.1	9.4	9.7	9.6	10.2	10.3	10.3	8.5	8.9	8.7	5.9	5.7	5.9	5.7	5.8	6.4	7.1	7.8	8.5	9.1	8.8	9.1	8.3	
min	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.5	1.2	1.2	1.1	1.5	1.0	1.0	1.3	1.6	1.8	2.1	2.5	2.7	2.3	2.1	2.2	2.3	
max	18.4	18.5	18.0	16.8	18.0	18.8	20.8	21.5	26.3	19.6	54.4	76.0	11.2	11.1	19.2	9.6	18.1	22.0	17.5	20.7	16.1	22.4	21.2	18.8	13.3	730

Saroad Table - Hourly PM2.5 Data
December 2024

Location: GA DNR **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
12/1/2024	11.8	15.4								18.0	9.5	7.1	6.9	6.3	6.0	6.4	5.4	6.0	8.8	10.9	12.1	22.4	12.2	12.8	10.5	17
12/2/2024	13.8	12.5	11.1	10.5	10.3	12.2	11.7	12.5	12.3	9.5	9.3	9.4	7.0	6.5	6.5	6.8	6.6	7.7	9.0	9.8	10.7	11.4	11.8	15.3	10.2	24
12/3/2024	17.1	14.7	12.9	16.0	15.5	14.4	15.2	13.7	15.7	14.0	11.0	9.5	8.0	6.8	6.6	7.3		6.4	8.2	8.2	9.5	14.6	16.1	15.7	12.1	23
12/4/2024	15.1	13.9	16.0	16.5	18.0	18.8	20.8	21.5	26.3	14.3	15.8	14.8	11.2	11.1	8.5	8.0	8.6	10.5	8.7	8.4	8.8	8.2	7.1	7.7	13.3	24
12/5/2024	8.2	9.2	10.9	11.1	11.1	10.9	9.2	8.6	8.5	7.5	6.6	5.6	5.0	10.9	4.9	6.5	7.2	6.8	10.7	11.6	11.8	10.0	9.2	9.5	8.8	24
12/6/2024	8.5	8.0	7.8	9.7	10.2	9.4	10.7	8.4	8.7	8.7	8.5	8.5	7.4	7.2	7.0	8.1	7.4	6.4	7.0	7.5	7.7	7.5	8.0	16.0	8.5	24
12/7/2024	15.2	15.3	15.1	14.2	14.7	14.7	15.7	15.8	13.4	10.4	7.5	7.8	8.6	9.4	9.6	8.6	7.6	7.6	9.6	11.1	14.4	9.6	9.6	10.6	11.5	24
12/8/2024	10.5	12.0	10.3	9.1	11.5	12.6	15.1	17.2	16.1	12.7	9.5	8.7	8.7	8.7	8.1	9.1	18.1	22.0	17.5	16.9	16.1	16.0	12.0	10.8	12.9	24
12/9/2024	11.4	10.5	9.5	9.7	10.2	11.2	12.3	13.9	16.6	16.9	8.9	6.0	6.0	6.0	5.3	4.7	5.7	5.7	7.5	8.0	4.9	4.4	3.1	2.9	8.4	24
12/10/2024	3.2	3.3	3.2	3.6	5.3	7.4	7.6	8.0	8.5	5.3	4.8	4.9	5.6	4.9	4.9	5.1	5.0	4.6	4.5	3.8	3.4	3.3	3.5	3.7	4.9	24
12/11/2024	4.4	5.4	5.6	7.1	8.0	7.4	7.7	6.2	6.0	5.2	4.7	3.5	2.1	3.5	3.0	3.4	3.3	3.6	4.0	4.8	5.2	4.7	4.6	4.9	4.9	24
12/12/2024	5.3	5.3	5.0	5.0	5.3	5.8	6.6	8.6	8.0	8.4	7.0	6.4	6.4	5.7	5.5	5.9	5.9	6.6	9.1	11.6	12.8	15.9	18.1	18.8	8.3	24
12/13/2024	18.4	18.5	18.0	14.6	14.9	14.3	15.2	12.2	11.5	8.2	6.1	5.5	5.1	4.5	4.2	4.6	4.6	6.2	8.2	8.5	7.4	7.9	9.0	7.9	9.8	24
12/14/2024	5.9	6.6	5.3	4.9	4.9	5.1	5.5	6.4	5.3	5.8	54.4	76.0	7.7	4.0	3.9	4.2	4.2	4.8	4.1	3.0	3.7	4.0	3.4	3.8	9.9	24
12/15/2024	5.3	5.0	5.3	7.1	5.9	6.2	4.9	5.9	8.1	5.8	6.2	5.4	5.0	8.6	19.2	4.7	3.8	4.2	3.6	4.0	4.9	3.9	4.8	9.5	6.1	24
12/16/2024	15.1	11.8	14.2	16.8	12.7		15.2	12.0	15.0	19.6	24.8	13.6	4.9	2.6	2.4	2.3	1.6	1.8	2.2	2.5	9.0	5.8	3.4	3.1	9.2	23
12/17/2024	2.9	3.2	5.1	9.9	12.1	9.6	11.1	11.2	11.8	8.4	5.9	6.3	4.5	3.2	4.8	6.2	3.3	3.2	2.1	3.4	3.8	5.0	5.0	7.0	6.2	24
12/18/2024	8.8	8.4	7.6	6.2	5.5	9.3	12.1	13.9	13.0	6.3	5.6	4.3	2.8	2.6	2.3	2.2	2.3	2.2	2.9	3.8	4.0	5.3	4.4	2.5	5.8	24
12/19/2024	2.5	3.8	4.8	6.3	5.2	6.9	8.1	7.5	6.4	6.2	5.6	5.6	7.1	6.1	5.9	8.6	15.0	19.6	14.8	11.5	13.0	11.9	6.1	5.1	8.1	24
12/20/2024	6.3	7.4	6.7	9.4	9.7	8.2	12.0	15.6	15.8	11.6	8.6	7.1	5.9	5.4	5.6	7.2	6.1	6.4	7.8	7.8	7.0	6.2	6.5	5.8	8.2	24
12/21/2024	6.4	6.5	6.1	4.9	4.4	4.5	5.2	7.1	6.7	7.1	6.7	5.8	5.7	5.1	4.8	4.6	4.7	4.9	7.6	8.4	11.6	8.4	7.5	8.0	6.4	24
12/22/2024	10.1	10.1	13.4	16.0		15.2	13.3	11.9	10.9	7.4	7.7	7.2	6.8	6.4	6.6	5.8	5.8	5.3	7.1	7.9	7.1	6.8	8.1	10.0	9.0	23
12/23/2024	9.7	11.7	11.9	10.7	11.3	7.9	5.9	5.6	5.6	4.9	4.9	5.2	6.1	5.3	5.1	5.4	4.8	4.3	4.9	7.2	10.6	14.4	14.1	7.5	7.7	24
12/24/2024	7.3	5.4	8.8	4.4	10.9	8.6	15.2	13.9	11.7	8.0	7.4	8.1	5.6	4.9	5.7	4.7	4.8	4.7	6.0	8.6	10.5	13.3	21.2	17.8	9.1	24
12/25/2024					18.0	17.3	16.1	18.4	15.3	9.3	5.9	5.9	6.2	6.5	7.4	7.3	7.4	7.4	7.6	8.1	8.5	8.8	8.7	8.0	9.9	20
12/26/2024	9.9	9.2	7.7	8.8	9.1	9.7	8.9	8.1	7.9	6.4	6.2	6.6	4.8	4.7	8.6	9.6	4.9	6.0	7.2	8.5	11.2	9.8	8.2	7.6	7.9	24
12/27/2024	6.0	7.8	14.5	15.3	10.7	6.3	5.2	2.8	1.5	1.2	2.5	3.3	5.7	7.5	7.5	7.3	7.3	8.5	15.4	20.7	15.5	18.6	20.9	17.0	9.5	24
12/28/2024	15.7	15.5	14.0	14.3	13.0	11.4	4.4	6.1	2.9	1.3	1.2	1.1	4.9	2.8	2.4	2.4	2.7	3.2	3.5	2.8	2.7	2.3	2.1	2.2	5.6	24
12/29/2024	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.9	2.2	1.2	1.3	1.5	1.0	1.0	1.3	2.1	2.4	2.7	3.3	4.9	4.5	3.7	3.7	2.3	24
12/30/2024	4.3	4.7	4.9	4.1	4.2	4.4	6.3	5.8	7.8	6.0	4.5	4.2	4.2	4.0	3.8	4.0	3.9	4.2	3.3	2.8	2.8	6.6	9.4	13.4	5.1	24
12/31/2024	10.5	6.5	4.9	5.4	6.2	5.9	6.7	8.2	8.7	6.9	5.9	5.9	6.3	5.3	4.6	4.6	4.6	5.1	5.5	7.3	7.7	9.8	11.8	12.3	7.0	24
avg	9.1	9.0	9.1	9.4	9.7	9.6	10.2	10.3	10.3	8.5	8.9	8.7	5.9	5.7	5.9	5.7	5.8	6.4	7.1	7.8	8.5	9.1	8.8	9.1	8.3	
min	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.5	1.2	1.2	1.1	1.5	1.0	1.0	1.3	1.6	1.8	2.1	2.5	2.7	2.3	2.1	2.2	2.3	
max	18.4	18.5	18.0	16.8	18.0	18.8	20.8	21.5	26.3	19.6	54.4	76.0	11.2	11.1	19.2	9.6	18.1	22.0	17.5	20.7	16.1	22.4	21.2	18.8	13.3	730

Saroad Table - Hourly PM2.5 Data
December 2024

Location: West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
12/1/2024	11.8	15.4								18.0	9.5	7.1	6.9	6.3	6.0	6.4	5.4	6.0	8.8	10.9	12.1	22.4	12.2	12.8	10.5	17
12/2/2024	13.8	12.5	11.1	10.5	10.3	12.2	11.7	12.5	12.3	9.5	9.3	9.4	7.0	6.5	6.5	6.8	6.6	7.7	9.0	9.8	10.7	11.4	11.8	15.3	10.2	24
12/3/2024	17.1	14.7	12.9	16.0	15.5	14.4	15.2	13.7	15.7	14.0	11.0	9.5	8.0	6.8	6.6	7.3		6.4	8.2	8.2	9.5	14.6	16.1	15.7	12.1	23
12/4/2024	15.1	13.9	16.0	16.5	18.0	18.8	20.8	21.5	26.3	14.3	15.8	14.8	11.2	11.1	8.5	8.0	8.6	10.5	8.7	8.4	8.8	8.2	7.1	7.7	13.3	24
12/5/2024	8.2	9.2	10.9	11.1	11.1	10.9	9.2	8.6	8.5	7.5	6.6	5.6	5.0	10.9	4.9	6.5	7.2	6.8	10.7	11.6	11.8	10.0	9.2	9.5	8.8	24
12/6/2024	8.5	8.0	7.8	9.7	10.2	9.4	10.7	8.4	8.7	8.7	8.5	8.5	7.4	7.2	7.0	8.1	7.4	6.4	7.0	7.5	7.7	7.5	8.0	16.0	8.5	24
12/7/2024	15.2	15.3	15.1	14.2	14.7	14.7	15.7	15.8	13.4	10.4	7.5	7.8	8.6	9.4	9.6	8.6	7.6	7.6	9.6	11.1	14.4	9.6	9.6	10.6	11.5	24
12/8/2024	10.5	12.0	10.3	9.1	11.5	12.6	15.1	17.2	16.1	12.7	9.5	8.7	8.7	8.7	8.1	9.1	18.1	22.0	17.5	16.9	16.1	16.0	12.0	10.8	12.9	24
12/9/2024	11.4	10.5	9.5	9.7	10.2	11.2	12.3	13.9	16.6	16.9	8.9	6.0	6.0	6.0	5.3	4.7	5.7	5.7	7.5	8.0	4.9	4.4	3.1	2.9	8.4	24
12/10/2024	3.2	3.3	3.2	3.6	5.3	7.4	7.6	8.0	8.5	5.3	4.8	4.9	5.6	4.9	4.9	5.1	5.0	4.6	4.5	3.8	3.4	3.3	3.5	3.7	4.9	24
12/11/2024	4.4	5.4	5.6	7.1	8.0	7.4	7.7	6.2	6.0	5.2	4.7	3.5	2.1	3.5	3.0	3.4	3.3	3.6	4.0	4.8	5.2	4.7	4.6	4.9	4.9	24
12/12/2024	5.3	5.3	5.0	5.0	5.3	5.8	6.6	8.6	8.0	8.4	7.0	6.4	6.4	5.7	5.5	5.9	5.9	6.6	9.1	11.6	12.8	15.9	18.1	18.8	8.3	24
12/13/2024	18.4	18.5	18.0	14.6	14.9	14.3	15.2	12.2	11.5	8.2	6.1	5.5	5.1	4.5	4.2	4.6	4.6	6.2	8.2	8.5	7.4	7.9	9.0	7.9	9.8	24
12/14/2024	5.9	6.6	5.3	4.9	4.9	5.1	5.5	6.4	5.3	5.8	54.4	76.0	7.7	4.0	3.9	4.2	4.2	4.8	4.1	3.0	3.7	4.0	3.4	3.8	9.9	24
12/15/2024	5.3	5.0	5.3	7.1	5.9	6.2	4.9	5.9	8.1	5.8	6.2	5.4	5.0	8.6	19.2	4.7	3.8	4.2	3.6	4.0	4.9	3.9	4.8	9.5	6.1	24
12/16/2024	15.1	11.8	14.2	16.8	12.7		15.2	12.0	15.0	19.6	24.8	13.6	4.9	2.6	2.4	2.3	1.6	1.8	2.2	2.5	9.0	5.8	3.4	3.1	9.2	23
12/17/2024	2.9	3.2	5.1	9.9	12.1	9.6	11.1	11.2	11.8	8.4	5.9	6.3	4.5	3.2	4.8	6.2	3.3	3.2	2.1	3.4	3.8	5.0	5.0	7.0	6.2	24
12/18/2024	8.8	8.4	7.6	6.2	5.5	9.3	12.1	13.9	13.0	6.3	5.6	4.3	2.8	2.6	2.3	2.2	2.3	2.2	2.9	3.8	4.0	5.3	4.4	2.5	5.8	24
12/19/2024	2.5	3.8	4.8	6.3	5.2	6.9	8.1	7.5	6.4	6.2	5.6	5.6	7.1	6.1	5.9	8.6	15.0	19.6	14.8	11.5	13.0	11.9	6.1	5.1	8.1	24
12/20/2024	6.3	7.4	6.7	9.4	9.7	8.2	12.0	15.6	15.8	11.6	8.6	7.1	5.9	5.4	5.6	7.2	6.1	6.4	7.8	7.8	7.0	6.2	6.5	5.8	8.2	24
12/21/2024	6.4	6.5	6.1	4.9	4.4	4.5	5.2	7.1	6.7	7.1	6.7	5.8	5.7	5.1	4.8	4.6	4.7	4.9	7.6	8.4	11.6	8.4	7.5	8.0	6.4	24
12/22/2024	10.1	10.1	13.4	16.0		15.2	13.3	11.9	10.9	7.4	7.7	7.2	6.8	6.4	6.6	5.8	5.8	5.3	7.1	7.9	7.1	6.8	8.1	10.0	9.0	23
12/23/2024	9.7	11.7	11.9	10.7	11.3	7.9	5.9	5.6	5.6	4.9	4.9	5.2	6.1	5.3	5.1	5.4	4.8	4.3	4.9	7.2	10.6	14.4	14.1	7.5	7.7	24
12/24/2024	7.3	5.4	8.8	4.4	10.9	8.6	15.2	13.9	11.7	8.0	7.4	8.1	5.6	4.9	5.7	4.7	4.8	4.7	6.0	8.6	10.5	13.3	21.2	17.8	9.1	24
12/25/2024					18.0	17.3	16.1	18.4	15.3	9.3	5.9	5.9	6.2	6.5	7.4	7.3	7.4	7.4	7.6	8.1	8.5	8.8	8.7	8.0	9.9	20
12/26/2024	9.9	9.2	7.7	8.8	9.1	9.7	8.9	8.1	7.9	6.4	6.2	6.6	4.8	4.7	8.6	9.6	4.9	6.0	7.2	8.5	11.2	9.8	8.2	7.6	7.9	24
12/27/2024	6.0	7.8	14.5	15.3	10.7	6.3	5.2	2.8	1.5	1.2	2.5	3.3	5.7	7.5	7.5	7.3	7.3	8.5	15.4	20.7	15.5	18.6	20.9	17.0	9.5	24
12/28/2024	15.7	15.5	14.0	14.3	13.0	11.4	4.4	6.1	2.9	1.3	1.2	1.1	4.9	2.8	2.4	2.4	2.7	3.2	3.5	2.8	2.7	2.3	2.1	2.2	5.6	24
12/29/2024	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.9	2.2	1.2	1.3	1.5	1.0	1.0	1.3	2.1	2.4	2.7	3.3	4.9	4.5	3.7	3.7	2.3	24
12/30/2024	4.3	4.7	4.9	4.1	4.2	4.4	6.3	5.8	7.8	6.0	4.5	4.2	4.2	4.0	3.8	4.0	3.9	4.2	3.3	2.8	2.8	6.6	9.4	13.4	5.1	24
12/31/2024	10.5	6.5	4.9	5.4	6.2	5.9	6.7	8.2	8.7	6.9	5.9	5.9	6.3	5.3	4.6	4.6	4.6	5.1	5.5	7.3	7.7	9.8	11.8	12.3	7.0	24
avg	9.1	9.0	9.1	9.4	9.7	9.6	10.2	10.3	10.3	8.5	8.9	8.7	5.9	5.7	5.9	5.7	5.8	6.4	7.1	7.8	8.5	9.1	8.8	9.1	8.3	
min	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.5	1.2	1.2	1.1	1.5	1.0	1.0	1.3	1.6	1.8	2.1	2.5	2.7	2.3	2.1	2.2	2.3	
max	18.4	18.5	18.0	16.8	18.0	18.8	20.8	21.5	26.3	19.6	54.4	76.0	11.2	11.1	19.2	9.6	18.1	22.0	17.5	20.7	16.1	22.4	21.2	18.8	13.3	730

Saroad Table - Hourly PM2.5 Data
December 2024

Location: Brickyard **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
12/1/2024	11.8	15.4								18.0	9.5	7.1	6.9	6.3	6.0	6.4	5.4	6.0	8.8	10.9	12.1	22.4	12.2	12.8	10.5	17
12/2/2024	13.8	12.5	11.1	10.5	10.3	12.2	11.7	12.5	12.3	9.5	9.3	9.4	7.0	6.5	6.5	6.8	6.6	7.7	9.0	9.8	10.7	11.4	11.8	15.3	10.2	24
12/3/2024	17.1	14.7	12.9	16.0	15.5	14.4	15.2	13.7	15.7	14.0	11.0	9.5	8.0	6.8	6.6	7.3		6.4	8.2	8.2	9.5	14.6	16.1	15.7	12.1	23
12/4/2024	15.1	13.9	16.0	16.5	18.0	18.8	20.8	21.5	26.3	14.3	15.8	14.8	11.2	11.1	8.5	8.0	8.6	10.5	8.7	8.4	8.8	8.2	7.1	7.7	13.3	24
12/5/2024	8.2	9.2	10.9	11.1	11.1	10.9	9.2	8.6	8.5	7.5	6.6	5.6	5.0	10.9	4.9	6.5	7.2	6.8	10.7	11.6	11.8	10.0	9.2	9.5	8.8	24
12/6/2024	8.5	8.0	7.8	9.7	10.2	9.4	10.7	8.4	8.7	8.7	8.5	8.5	7.4	7.2	7.0	8.1	7.4	6.4	7.0	7.5	7.7	7.5	8.0	16.0	8.5	24
12/7/2024	15.2	15.3	15.1	14.2	14.7	14.7	15.7	15.8	13.4	10.4	7.5	7.8	8.6	9.4	9.6	8.6	7.6	7.6	9.6	11.1	14.4	9.6	9.6	10.6	11.5	24
12/8/2024	10.5	12.0	10.3	9.1	11.5	12.6	15.1	17.2	16.1	12.7	9.5	8.7	8.7	8.7	8.1	9.1	18.1	22.0	17.5	16.9	16.1	16.0	12.0	10.8	12.9	24
12/9/2024	11.4	10.5	9.5	9.7	10.2	11.2	12.3	13.9	16.6	16.9	8.9	6.0	6.0	6.0	5.3	4.7	5.7	5.7	7.5	8.0	4.9	4.4	3.1	2.9	8.4	24
12/10/2024	3.2	3.3	3.2	3.6	5.3	7.4	7.6	8.0	8.5	5.3	4.8	4.9	5.6	4.9	4.9	5.1	5.0	4.6	4.5	3.8	3.4	3.3	3.5	3.7	4.9	24
12/11/2024	4.4	5.4	5.6	7.1	8.0	7.4	7.7	6.2	6.0	5.2	4.7	3.5	2.1	3.5	3.0	3.4	3.3	3.6	4.0	4.8	5.2	4.7	4.6	4.9	4.9	24
12/12/2024	5.3	5.3	5.0	5.0	5.3	5.8	6.6	8.6	8.0	8.4	7.0	6.4	6.4	5.7	5.5	5.9	5.9	6.6	9.1	11.6	12.8	15.9	18.1	18.8	8.3	24
12/13/2024	18.4	18.5	18.0	14.6	14.9	14.3	15.2	12.2	11.5	8.2	6.1	5.5	5.1	4.5	4.2	4.6	4.6	6.2	8.2	8.5	7.4	7.9	9.0	7.9	9.8	24
12/14/2024	5.9	6.6	5.3	4.9	4.9	5.1	5.5	6.4	5.3	5.8	54.4	76.0	7.7	4.0	3.9	4.2	4.2	4.8	4.1	3.0	3.7	4.0	3.4	3.8	9.9	24
12/15/2024	5.3	5.0	5.3	7.1	5.9	6.2	4.9	5.9	8.1	5.8	6.2	5.4	5.0	8.6	19.2	4.7	3.8	4.2	3.6	4.0	4.9	3.9	4.8	9.5	6.1	24
12/16/2024	15.1	11.8	14.2	16.8	12.7		15.2	12.0	15.0	19.6	24.8	13.6	4.9	2.6	2.4	2.3	1.6	1.8	2.2	2.5	9.0	5.8	3.4	3.1	9.2	23
12/17/2024	2.9	3.2	5.1	9.9	12.1	9.6	11.1	11.2	11.8	8.4	5.9	6.3	4.5	3.2	4.8	6.2	3.3	3.2	2.1	3.4	3.8	5.0	5.0	7.0	6.2	24
12/18/2024	8.8	8.4	7.6	6.2	5.5	9.3	12.1	13.9	13.0	6.3	5.6	4.3	2.8	2.6	2.3	2.2	2.3	2.2	2.9	3.8	4.0	5.3	4.4	2.5	5.8	24
12/19/2024	2.5	3.8	4.8	6.3	5.2	6.9	8.1	7.5	6.4	6.2	5.6	5.6	7.1	6.1	5.9	8.6	15.0	19.6	14.8	11.5	13.0	11.9	6.1	5.1	8.1	24
12/20/2024	6.3	7.4	6.7	9.4	9.7	8.2	12.0	15.6	15.8	11.6	8.6	7.1	5.9	5.4	5.6	7.2	6.1	6.4	7.8	7.8	7.0	6.2	6.5	5.8	8.2	24
12/21/2024	6.4	6.5	6.1	4.9	4.4	4.5	5.2	7.1	6.7	7.1	6.7	5.8	5.7	5.1	4.8	4.6	4.7	4.9	7.6	8.4	11.6	8.4	7.5	8.0	6.4	24
12/22/2024	10.1	10.1	13.4	16.0		15.2	13.3	11.9	10.9	7.4	7.7	7.2	6.8	6.4	6.6	5.8	5.8	5.3	7.1	7.9	7.1	6.8	8.1	10.0	9.0	23
12/23/2024	9.7	11.7	11.9	10.7	11.3	7.9	5.9	5.6	5.6	4.9	4.9	5.2	6.1	5.3	5.1	5.4	4.8	4.3	4.9	7.2	10.6	14.4	14.1	7.5	7.7	24
12/24/2024	7.3	5.4	8.8	4.4	10.9	8.6	15.2	13.9	11.7	8.0	7.4	8.1	5.6	4.9	5.7	4.7	4.8	4.7	6.0	8.6	10.5	13.3	21.2	17.8	9.1	24
12/25/2024					18.0	17.3	16.1	18.4	15.3	9.3	5.9	5.9	6.2	6.5	7.4	7.3	7.4	7.4	7.6	8.1	8.5	8.8	8.7	8.0	9.9	20
12/26/2024	9.9	9.2	7.7	8.8	9.1	9.7	8.9	8.1	7.9	6.4	6.2	6.6	4.8	4.7	8.6	9.6	4.9	6.0	7.2	8.5	11.2	9.8	8.2	7.6	7.9	24
12/27/2024	6.0	7.8	14.5	15.3	10.7	6.3	5.2	2.8	1.5	1.2	2.5	3.3	5.7	7.5	7.5	7.3	7.3	8.5	15.4	20.7	15.5	18.6	20.9	17.0	9.5	24
12/28/2024	15.7	15.5	14.0	14.3	13.0	11.4	4.4	6.1	2.9	1.3	1.2	1.1	4.9	2.8	2.4	2.4	2.7	3.2	3.5	2.8	2.7	2.3	2.1	2.2	5.6	24
12/29/2024	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.9	2.2	1.2	1.3	1.5	1.0	1.0	1.3	2.1	2.4	2.7	3.3	4.9	4.5	3.7	3.7	2.3	24
12/30/2024	4.3	4.7	4.9	4.1	4.2	4.4	6.3	5.8	7.8	6.0	4.5	4.2	4.2	4.0	3.8	4.0	3.9	4.2	3.3	2.8	2.8	6.6	9.4	13.4	5.1	24
12/31/2024	10.5	6.5	4.9	5.4	6.2	5.9	6.7	8.2	8.7	6.9	5.9	5.9	6.3	5.3	4.6	4.6	4.6	5.1	5.5	7.3	7.7	9.8	11.8	12.3	7.0	24
avg	9.1	9.0	9.1	9.4	9.7	9.6	10.2	10.3	10.3	8.5	8.9	8.7	5.9	5.7	5.9	5.7	5.8	6.4	7.1	7.8	8.5	9.1	8.8	9.1	8.3	
min	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.5	1.2	1.2	1.1	1.5	1.0	1.0	1.3	1.6	1.8	2.1	2.5	2.7	2.3	2.1	2.2	2.3	
max	18.4	18.5	18.0	16.8	18.0	18.8	20.8	21.5	26.3	19.6	54.4	76.0	11.2	11.1	19.2	9.6	18.1	22.0	17.5	20.7	16.1	22.4	21.2	18.8	13.3	730

Saroad Table - Hourly PM2.5 Data
December 2024

Location: Ocean Terminal **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
12/1/2024	11.8	15.4								18.0	9.5	7.1	6.9	6.3	6.0	6.4	5.4	6.0	8.8	10.9	12.1	22.4	12.2	12.8	10.5	17
12/2/2024	13.8	12.5	11.1	10.5	10.3	12.2	11.7	12.5	12.3	9.5	9.3	9.4	7.0	6.5	6.5	6.8	6.6	7.7	9.0	9.8	10.7	11.4	11.8	15.3	10.2	24
12/3/2024	17.1	14.7	12.9	16.0	15.5	14.4	15.2	13.7	15.7	14.0	11.0	9.5	8.0	6.8	6.6	7.3		6.4	8.2	8.2	9.5	14.6	16.1	15.7	12.1	23
12/4/2024	15.1	13.9	16.0	16.5	18.0	18.8	20.8	21.5	26.3	14.3	15.8	14.8	11.2	11.1	8.5	8.0	8.6	10.5	8.7	8.4	8.8	8.2	7.1	7.7	13.3	24
12/5/2024	8.2	9.2	10.9	11.1	11.1	10.9	9.2	8.6	8.5	7.5	6.6	5.6	5.0	10.9	4.9	6.5	7.2	6.8	10.7	11.6	11.8	10.0	9.2	9.5	8.8	24
12/6/2024	8.5	8.0	7.8	9.7	10.2	9.4	10.7	8.4	8.7	8.7	8.5	8.5	7.4	7.2	7.0	8.1	7.4	6.4	7.0	7.5	7.7	7.5	8.0	16.0	8.5	24
12/7/2024	15.2	15.3	15.1	14.2	14.7	14.7	15.7	15.8	13.4	10.4	7.5	7.8	8.6	9.4	9.6	8.6	7.6	7.6	9.6	11.1	14.4	9.6	9.6	10.6	11.5	24
12/8/2024	10.5	12.0	10.3	9.1	11.5	12.6	15.1	17.2	16.1	12.7	9.5	8.7	8.7	8.7	8.1	9.1	18.1	22.0	17.5	16.9	16.1	16.0	12.0	10.8	12.9	24
12/9/2024	11.4	10.5	9.5	9.7	10.2	11.2	12.3	13.9	16.6	16.9	8.9	6.0	6.0	6.0	5.3	4.7	5.7	5.7	7.5	8.0	4.9	4.4	3.1	2.9	8.4	24
12/10/2024	3.2	3.3	3.2	3.6	5.3	7.4	7.6	8.0	8.5	5.3	4.8	4.9	5.6	4.9	4.9	5.1	5.0	4.6	4.5	3.8	3.4	3.3	3.5	3.7	4.9	24
12/11/2024	4.4	5.4	5.6	7.1	8.0	7.4	7.7	6.2	6.0	5.2	4.7	3.5	2.1	3.5	3.0	3.4	3.3	3.6	4.0	4.8	5.2	4.7	4.6	4.9	4.9	24
12/12/2024	5.3	5.3	5.0	5.0	5.3	5.8	6.6	8.6	8.0	8.4	7.0	6.4	6.4	5.7	5.5	5.9	5.9	6.6	9.1	11.6	12.8	15.9	18.1	18.8	8.3	24
12/13/2024	18.4	18.5	18.0	14.6	14.9	14.3	15.2	12.2	11.5	8.2	6.1	5.5	5.1	4.5	4.2	4.6	4.6	6.2	8.2	8.5	7.4	7.9	9.0	7.9	9.8	24
12/14/2024	5.9	6.6	5.3	4.9	4.9	5.1	5.5	6.4	5.3	5.8	54.4	76.0	7.7	4.0	3.9	4.2	4.2	4.8	4.1	3.0	3.7	4.0	3.4	3.8	9.9	24
12/15/2024	5.3	5.0	5.3	7.1	5.9	6.2	4.9	5.9	8.1	5.8	6.2	5.4	5.0	8.6	19.2	4.7	3.8	4.2	3.6	4.0	4.9	3.9	4.8	9.5	6.1	24
12/16/2024	15.1	11.8	14.2	16.8	12.7		15.2	12.0	15.0	19.6	24.8	13.6	4.9	2.6	2.4	2.3	1.6	1.8	2.2	2.5	9.0	5.8	3.4	3.1	9.2	23
12/17/2024	2.9	3.2	5.1	9.9	12.1	9.6	11.1	11.2	11.8	8.4	5.9	6.3	4.5	3.2	4.8	6.2	3.3	3.2	2.1	3.4	3.8	5.0	5.0	7.0	6.2	24
12/18/2024	8.8	8.4	7.6	6.2	5.5	9.3	12.1	13.9	13.0	6.3	5.6	4.3	2.8	2.6	2.3	2.2	2.3	2.2	2.9	3.8	4.0	5.3	4.4	2.5	5.8	24
12/19/2024	2.5	3.8	4.8	6.3	5.2	6.9	8.1	7.5	6.4	6.2	5.6	5.6	7.1	6.1	5.9	8.6	15.0	19.6	14.8	11.5	13.0	11.9	6.1	5.1	8.1	24
12/20/2024	6.3	7.4	6.7	9.4	9.7	8.2	12.0	15.6	15.8	11.6	8.6	7.1	5.9	5.4	5.6	7.2	6.1	6.4	7.8	7.8	7.0	6.2	6.5	5.8	8.2	24
12/21/2024	6.4	6.5	6.1	4.9	4.4	4.5	5.2	7.1	6.7	7.1	6.7	5.8	5.7	5.1	4.8	4.6	4.7	4.9	7.6	8.4	11.6	8.4	7.5	8.0	6.4	24
12/22/2024	10.1	10.1	13.4	16.0		15.2	13.3	11.9	10.9	7.4	7.7	7.2	6.8	6.4	6.6	5.8	5.8	5.3	7.1	7.9	7.1	6.8	8.1	10.0	9.0	23
12/23/2024	9.7	11.7	11.9	10.7	11.3	7.9	5.9	5.6	5.6	4.9	4.9	5.2	6.1	5.3	5.1	5.4	4.8	4.3	4.9	7.2	10.6	14.4	14.1	7.5	7.7	24
12/24/2024	7.3	5.4	8.8	4.4	10.9	8.6	15.2	13.9	11.7	8.0	7.4	8.1	5.6	4.9	5.7	4.7	4.8	4.7	6.0	8.6	10.5	13.3	21.2	17.8	9.1	24
12/25/2024					18.0	17.3	16.1	18.4	15.3	9.3	5.9	5.9	6.2	6.5	7.4	7.3	7.4	7.4	7.6	8.1	8.5	8.8	8.7	8.0	9.9	20
12/26/2024	9.9	9.2	7.7	8.8	9.1	9.7	8.9	8.1	7.9	6.4	6.2	6.6	4.8	4.7	8.6	9.6	4.9	6.0	7.2	8.5	11.2	9.8	8.2	7.6	7.9	24
12/27/2024	6.0	7.8	14.5	15.3	10.7	6.3	5.2	2.8	1.5	1.2	2.5	3.3	5.7	7.5	7.5	7.3	7.3	8.5	15.4	20.7	15.5	18.6	20.9	17.0	9.5	24
12/28/2024	15.7	15.5	14.0	14.3	13.0	11.4	4.4	6.1	2.9	1.3	1.2	1.1	4.9	2.8	2.4	2.4	2.7	3.2	3.5	2.8	2.7	2.3	2.1	2.2	5.6	24
12/29/2024	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.9	2.2	1.2	1.3	1.5	1.0	1.0	1.3	2.1	2.4	2.7	3.3	4.9	4.5	3.7	3.7	2.3	24
12/30/2024	4.3	4.7	4.9	4.1	4.2	4.4	6.3	5.8	7.8	6.0	4.5	4.2	4.2	4.0	3.8	4.0	3.9	4.2	3.3	2.8	2.8	6.6	9.4	13.4	5.1	24
12/31/2024	10.5	6.5	4.9	5.4	6.2	5.9	6.7	8.2	8.7	6.9	5.9	5.9	6.3	5.3	4.6	4.6	4.6	5.1	5.5	7.3	7.7	9.8	11.8	12.3	7.0	24
avg	9.1	9.0	9.1	9.4	9.7	9.6	10.2	10.3	10.3	8.5	8.9	8.7	5.9	5.7	5.9	5.7	5.8	6.4	7.1	7.8	8.5	9.1	8.8	9.1	8.3	
min	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.5	1.2	1.2	1.1	1.5	1.0	1.0	1.3	1.6	1.8	2.1	2.5	2.7	2.3	2.1	2.2	2.3	
max	18.4	18.5	18.0	16.8	18.0	18.8	20.8	21.5	26.3	19.6	54.4	76.0	11.2	11.1	19.2	9.6	18.1	22.0	17.5	20.7	16.1	22.4	21.2	18.8	13.3	730

Saroad Table - Hourly PM2.5 Data
December 2024

Location: Cockspur Island **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
12/1/2024	11.8	15.4								18.0	9.5	7.1	6.9	6.3	6.0	6.4	5.4	6.0	8.8	10.9	12.1	22.4	12.2	12.8	10.5	17
12/2/2024	13.8	12.5	11.1	10.5	10.3	12.2	11.7	12.5	12.3	9.5	9.3	9.4	7.0	6.5	6.5	6.8	6.6	7.7	9.0	9.8	10.7	11.4	11.8	15.3	10.2	24
12/3/2024	17.1	14.7	12.9	16.0	15.5	14.4	15.2	13.7	15.7	14.0	11.0	9.5	8.0	6.8	6.6	7.3		6.4	8.2	8.2	9.5	14.6	16.1	15.7	12.1	23
12/4/2024	15.1	13.9	16.0	16.5	18.0	18.8	20.8	21.5	26.3	14.3	15.8	14.8	11.2	11.1	8.5	8.0	8.6	10.5	8.7	8.4	8.8	8.2	7.1	7.7	13.3	24
12/5/2024	8.2	9.2	10.9	11.1	11.1	10.9	9.2	8.6	8.5	7.5	6.6	5.6	5.0	10.9	4.9	6.5	7.2	6.8	10.7	11.6	11.8	10.0	9.2	9.5	8.8	24
12/6/2024	8.5	8.0	7.8	9.7	10.2	9.4	10.7	8.4	8.7	8.7	8.5	8.5	7.4	7.2	7.0	8.1	7.4	6.4	7.0	7.5	7.7	7.5	8.0	16.0	8.5	24
12/7/2024	15.2	15.3	15.1	14.2	14.7	14.7	15.7	15.8	13.4	10.4	7.5	7.8	8.6	9.4	9.6	8.6	7.6	7.6	9.6	11.1	14.4	9.6	9.6	10.6	11.5	24
12/8/2024	10.5	12.0	10.3	9.1	11.5	12.6	15.1	17.2	16.1	12.7	9.5	8.7	8.7	8.7	8.1	9.1	18.1	22.0	17.5	16.9	16.1	16.0	12.0	10.8	12.9	24
12/9/2024	11.4	10.5	9.5	9.7	10.2	11.2	12.3	13.9	16.6	16.9	8.9	6.0	6.0	6.0	5.3	4.7	5.7	5.7	7.5	8.0	4.9	4.4	3.1	2.9	8.4	24
12/10/2024	3.2	3.3	3.2	3.6	5.3	7.4	7.6	8.0	8.5	5.3	4.8	4.9	5.6	4.9	4.9	5.1	5.0	4.6	4.5	3.8	3.4	3.3	3.5	3.7	4.9	24
12/11/2024	4.4	5.4	5.6	7.1	8.0	7.4	7.7	6.2	6.0	5.2	4.7	3.5	2.1	3.5	3.0	3.4	3.3	3.6	4.0	4.8	5.2	4.7	4.6	4.9	4.9	24
12/12/2024	5.3	5.3	5.0	5.0	5.3	5.8	6.6	8.6	8.0	8.4	7.0	6.4	6.4	5.7	5.5	5.9	5.9	6.6	9.1	11.6	12.8	15.9	18.1	18.8	8.3	24
12/13/2024	18.4	18.5	18.0	14.6	14.9	14.3	15.2	12.2	11.5	8.2	6.1	5.5	5.1	4.5	4.2	4.6	4.6	6.2	8.2	8.5	7.4	7.9	9.0	7.9	9.8	24
12/14/2024	5.9	6.6	5.3	4.9	4.9	5.1	5.5	6.4	5.3	5.8	54.4	76.0	7.7	4.0	3.9	4.2	4.2	4.8	4.1	3.0	3.7	4.0	3.4	3.8	9.9	24
12/15/2024	5.3	5.0	5.3	7.1	5.9	6.2	4.9	5.9	8.1	5.8	6.2	5.4	5.0	8.6	19.2	4.7	3.8	4.2	3.6	4.0	4.9	3.9	4.8	9.5	6.1	24
12/16/2024	15.1	11.8	14.2	16.8	12.7		15.2	12.0	15.0	19.6	24.8	13.6	4.9	2.6	2.4	2.3	1.6	1.8	2.2	2.5	9.0	5.8	3.4	3.1	9.2	23
12/17/2024	2.9	3.2	5.1	9.9	12.1	9.6	11.1	11.2	11.8	8.4	5.9	6.3	4.5	3.2	4.8	6.2	3.3	3.2	2.1	3.4	3.8	5.0	5.0	7.0	6.2	24
12/18/2024	8.8	8.4	7.6	6.2	5.5	9.3	12.1	13.9	13.0	6.3	5.6	4.3	2.8	2.6	2.3	2.2	2.3	2.2	2.9	3.8	4.0	5.3	4.4	2.5	5.8	24
12/19/2024	2.5	3.8	4.8	6.3	5.2	6.9	8.1	7.5	6.4	6.2	5.6	5.6	7.1	6.1	5.9	8.6	15.0	19.6	14.8	11.5	13.0	11.9	6.1	5.1	8.1	24
12/20/2024	6.3	7.4	6.7	9.4	9.7	8.2	12.0	15.6	15.8	11.6	8.6	7.1	5.9	5.4	5.6	7.2	6.1	6.4	7.8	7.8	7.0	6.2	6.5	5.8	8.2	24
12/21/2024	6.4	6.5	6.1	4.9	4.4	4.5	5.2	7.1	6.7	7.1	6.7	5.8	5.7	5.1	4.8	4.6	4.7	4.9	7.6	8.4	11.6	8.4	7.5	8.0	6.4	24
12/22/2024	10.1	10.1	13.4	16.0		15.2	13.3	11.9	10.9	7.4	7.7	7.2	6.8	6.4	6.6	5.8	5.8	5.3	7.1	7.9	7.1	6.8	8.1	10.0	9.0	23
12/23/2024	9.7	11.7	11.9	10.7	11.3	7.9	5.9	5.6	5.6	4.9	4.9	5.2	6.1	5.3	5.1	5.4	4.8	4.3	4.9	7.2	10.6	14.4	14.1	7.5	7.7	24
12/24/2024	7.3	5.4	8.8	4.4	10.9	8.6	15.2	13.9	11.7	8.0	7.4	8.1	5.6	4.9	5.7	4.7	4.8	4.7	6.0	8.6	10.5	13.3	21.2	17.8	9.1	24
12/25/2024					18.0	17.3	16.1	18.4	15.3	9.3	5.9	5.9	6.2	6.5	7.4	7.3	7.4	7.4	7.6	8.1	8.5	8.8	8.7	8.0	9.9	20
12/26/2024	9.9	9.2	7.7	8.8	9.1	9.7	8.9	8.1	7.9	6.4	6.2	6.6	4.8	4.7	8.6	9.6	4.9	6.0	7.2	8.5	11.2	9.8	8.2	7.6	7.9	24
12/27/2024	6.0	7.8	14.5	15.3	10.7	6.3	5.2	2.8	1.5	1.2	2.5	3.3	5.7	7.5	7.5	7.3	7.3	8.5	15.4	20.7	15.5	18.6	20.9	17.0	9.5	24
12/28/2024	15.7	15.5	14.0	14.3	13.0	11.4	4.4	6.1	2.9	1.3	1.2	1.1	4.9	2.8	2.4	2.4	2.7	3.2	3.5	2.8	2.7	2.3	2.1	2.2	5.6	24
12/29/2024	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.9	2.2	1.2	1.3	1.5	1.0	1.0	1.3	2.1	2.4	2.7	3.3	4.9	4.5	3.7	3.7	2.3	24
12/30/2024	4.3	4.7	4.9	4.1	4.2	4.4	6.3	5.8	7.8	6.0	4.5	4.2	4.2	4.0	3.8	4.0	3.9	4.2	3.3	2.8	2.8	6.6	9.4	13.4	5.1	24
12/31/2024	10.5	6.5	4.9	5.4	6.2	5.9	6.7	8.2	8.7	6.9	5.9	5.9	6.3	5.3	4.6	4.6	4.6	5.1	5.5	7.3	7.7	9.8	11.8	12.3	7.0	24
avg	9.1	9.0	9.1	9.4	9.7	9.6	10.2	10.3	10.3	8.5	8.9	8.7	5.9	5.7	5.9	5.7	5.8	6.4	7.1	7.8	8.5	9.1	8.8	9.1	8.3	
min	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.5	1.2	1.2	1.1	1.5	1.0	1.0	1.3	1.6	1.8	2.1	2.5	2.7	2.3	2.1	2.2	2.3	
max	18.4	18.5	18.0	16.8	18.0	18.8	20.8	21.5	26.3	19.6	54.4	76.0	11.2	11.1	19.2	9.6	18.1	22.0	17.5	20.7	16.1	22.4	21.2	18.8	13.3	730

Saroad Table - Hourly PM2.5 Data
December 2024

Location: Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
12/1/2024	11.8	15.4								18.0	9.5	7.1	6.9	6.3	6.0	6.4	5.4	6.0	8.8	10.9	12.1	22.4	12.2	12.8	10.5	17
12/2/2024	13.8	12.5	11.1	10.5	10.3	12.2	11.7	12.5	12.3	9.5	9.3	9.4	7.0	6.5	6.5	6.8	6.6	7.7	9.0	9.8	10.7	11.4	11.8	15.3	10.2	24
12/3/2024	17.1	14.7	12.9	16.0	15.5	14.4	15.2	13.7	15.7	14.0	11.0	9.5	8.0	6.8	6.6	7.3		6.4	8.2	8.2	9.5	14.6	16.1	15.7	12.1	23
12/4/2024	15.1	13.9	16.0	16.5	18.0	18.8	20.8	21.5	26.3	14.3	15.8	14.8	11.2	11.1	8.5	8.0	8.6	10.5	8.7	8.4	8.8	8.2	7.1	7.7	13.3	24
12/5/2024	8.2	9.2	10.9	11.1	11.1	10.9	9.2	8.6	8.5	7.5	6.6	5.6	5.0	10.9	4.9	6.5	7.2	6.8	10.7	11.6	11.8	10.0	9.2	9.5	8.8	24
12/6/2024	8.5	8.0	7.8	9.7	10.2	9.4	10.7	8.4	8.7	8.7	8.5	8.5	7.4	7.2	7.0	8.1	7.4	6.4	7.0	7.5	7.7	7.5	8.0	16.0	8.5	24
12/7/2024	15.2	15.3	15.1	14.2	14.7	14.7	15.7	15.8	13.4	10.4	7.5	7.8	8.6	9.4	9.6	8.6	7.6	7.6	9.6	11.1	14.4	9.6	9.6	10.6	11.5	24
12/8/2024	10.5	12.0	10.3	9.1	11.5	12.6	15.1	17.2	16.1	12.7	9.5	8.7	8.7	8.7	8.1	9.1	18.1	22.0	17.5	16.9	16.1	16.0	12.0	10.8	12.9	24
12/9/2024	11.4	10.5	9.5	9.7	10.2	11.2	12.3	13.9	16.6	16.9	8.9	6.0	6.0	6.0	5.3	4.7	5.7	5.7	7.5	8.0	4.9	4.4	3.1	2.9	8.4	24
12/10/2024	3.2	3.3	3.2	3.6	5.3	7.4	7.6	8.0	8.5	5.3	4.8	4.9	5.6	4.9	4.9	5.1	5.0	4.6	4.5	3.8	3.4	3.3	3.5	3.7	4.9	24
12/11/2024	4.4	5.4	5.6	7.1	8.0	7.4	7.7	6.2	6.0	5.2	4.7	3.5	2.1	3.5	3.0	3.4	3.3	3.6	4.0	4.8	5.2	4.7	4.6	4.9	4.9	24
12/12/2024	5.3	5.3	5.0	5.0	5.3	5.8	6.6	8.6	8.0	8.4	7.0	6.4	6.4	5.7	5.5	5.9	5.9	6.6	9.1	11.6	12.8	15.9	18.1	18.8	8.3	24
12/13/2024	18.4	18.5	18.0	14.6	14.9	14.3	15.2	12.2	11.5	8.2	6.1	5.5	5.1	4.5	4.2	4.6	4.6	6.2	8.2	8.5	7.4	7.9	9.0	7.9	9.8	24
12/14/2024	5.9	6.6	5.3	4.9	4.9	5.1	5.5	6.4	5.3	5.8	54.4	76.0	7.7	4.0	3.9	4.2	4.2	4.8	4.1	3.0	3.7	4.0	3.4	3.8	9.9	24
12/15/2024	5.3	5.0	5.3	7.1	5.9	6.2	4.9	5.9	8.1	5.8	6.2	5.4	5.0	8.6	19.2	4.7	3.8	4.2	3.6	4.0	4.9	3.9	4.8	9.5	6.1	24
12/16/2024	15.1	11.8	14.2	16.8	12.7		15.2	12.0	15.0	19.6	24.8	13.6	4.9	2.6	2.4	2.3	1.6	1.8	2.2	2.5	9.0	5.8	3.4	3.1	9.2	23
12/17/2024	2.9	3.2	5.1	9.9	12.1	9.6	11.1	11.2	11.8	8.4	5.9	6.3	4.5	3.2	4.8	6.2	3.3	3.2	2.1	3.4	3.8	5.0	5.0	7.0	6.2	24
12/18/2024	8.8	8.4	7.6	6.2	5.5	9.3	12.1	13.9	13.0	6.3	5.6	4.3	2.8	2.6	2.3	2.2	2.3	2.2	2.9	3.8	4.0	5.3	4.4	2.5	5.8	24
12/19/2024	2.5	3.8	4.8	6.3	5.2	6.9	8.1	7.5	6.4	6.2	5.6	5.6	7.1	6.1	5.9	8.6	15.0	19.6	14.8	11.5	13.0	11.9	6.1	5.1	8.1	24
12/20/2024	6.3	7.4	6.7	9.4	9.7	8.2	12.0	15.6	15.8	11.6	8.6	7.1	5.9	5.4	5.6	7.2	6.1	6.4	7.8	7.8	7.0	6.2	6.5	5.8	8.2	24
12/21/2024	6.4	6.5	6.1	4.9	4.4	4.5	5.2	7.1	6.7	7.1	6.7	5.8	5.7	5.1	4.8	4.6	4.7	4.9	7.6	8.4	11.6	8.4	7.5	8.0	6.4	24
12/22/2024	10.1	10.1	13.4	16.0		15.2	13.3	11.9	10.9	7.4	7.7	7.2	6.8	6.4	6.6	5.8	5.8	5.3	7.1	7.9	7.1	6.8	8.1	10.0	9.0	23
12/23/2024	9.7	11.7	11.9	10.7	11.3	7.9	5.9	5.6	5.6	4.9	4.9	5.2	6.1	5.3	5.1	5.4	4.8	4.3	4.9	7.2	10.6	14.4	14.1	7.5	7.7	24
12/24/2024	7.3	5.4	8.8	4.4	10.9	8.6	15.2	13.9	11.7	8.0	7.4	8.1	5.6	4.9	5.7	4.7	4.8	4.7	6.0	8.6	10.5	13.3	21.2	17.8	9.1	24
12/25/2024					18.0	17.3	16.1	18.4	15.3	9.3	5.9	5.9	6.2	6.5	7.4	7.3	7.4	7.4	7.6	8.1	8.5	8.8	8.7	8.0	9.9	20
12/26/2024	9.9	9.2	7.7	8.8	9.1	9.7	8.9	8.1	7.9	6.4	6.2	6.6	4.8	4.7	8.6	9.6	4.9	6.0	7.2	8.5	11.2	9.8	8.2	7.6	7.9	24
12/27/2024	6.0	7.8	14.5	15.3	10.7	6.3	5.2	2.8	1.5	1.2	2.5	3.3	5.7	7.5	7.5	7.3	7.3	8.5	15.4	20.7	15.5	18.6	20.9	17.0	9.5	24
12/28/2024	15.7	15.5	14.0	14.3	13.0	11.4	4.4	6.1	2.9	1.3	1.2	1.1	4.9	2.8	2.4	2.4	2.7	3.2	3.5	2.8	2.7	2.3	2.1	2.2	5.6	24
12/29/2024	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.9	2.2	1.2	1.3	1.5	1.0	1.0	1.3	2.1	2.4	2.7	3.3	4.9	4.5	3.7	3.7	2.3	24
12/30/2024	4.3	4.7	4.9	4.1	4.2	4.4	6.3	5.8	7.8	6.0	4.5	4.2	4.2	4.0	3.8	4.0	3.9	4.2	3.3	2.8	2.8	6.6	9.4	13.4	5.1	24
12/31/2024	10.5	6.5	4.9	5.4	6.2	5.9	6.7	8.2	8.7	6.9	5.9	5.9	6.3	5.3	4.6	4.6	4.6	5.1	5.5	7.3	7.7	9.8	11.8	12.3	7.0	24
avg	9.1	9.0	9.1	9.4	9.7	9.6	10.2	10.3	10.3	8.5	8.9	8.7	5.9	5.7	5.9	5.7	5.8	6.4	7.1	7.8	8.5	9.1	8.8	9.1	8.3	
min	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.5	1.2	1.2	1.1	1.5	1.0	1.0	1.3	1.6	1.8	2.1	2.5	2.7	2.3	2.1	2.2	2.3	
max	18.4	18.5	18.0	16.8	18.0	18.8	20.8	21.5	26.3	19.6	54.4	76.0	11.2	11.1	19.2	9.6	18.1	22.0	17.5	20.7	16.1	22.4	21.2	18.8	13.3	730

Saroad Table - Hourly PM2.5 Data
December 2024

Location: Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
12/1/2024	11.80	15.35								17.97	9.51	7.11	6.89	6.33	5.99	6.36	5.37	5.98	8.81	10.91	12.06	22.44	12.16	12.79	10.46	17
12/2/2024	13.81	12.51	11.12	10.53	10.31	12.18	11.74	12.47	12.33	9.50	9.30	9.39	7.01	6.47	6.49	6.77	6.60	7.66	9.00	9.83	10.72	11.45	11.78	15.28	10.18	24
12/3/2024	17.14	14.67	12.89	15.96	15.47	14.41	15.19	13.74	15.69	13.99	11.04	9.54	8.02	6.82	6.62	7.28		6.38	8.18	8.24	9.52	14.64	16.15	15.69	12.05	23
12/4/2024	15.07	13.86	16.03	16.46	18.04	18.82	20.85	21.52	26.25	14.26	15.83	14.84	11.15	11.12	8.45	8.00	8.57	10.47	8.67	8.45	8.85	8.24	7.08	7.71	13.27	24
12/5/2024	8.16	9.16	10.91	11.08	11.06	10.92	9.24	8.61	8.51	7.47	6.64	5.56	4.96	10.94	4.89	6.51	7.17	6.84	10.67	11.55	11.78	10.05	9.19	9.48	8.81	24
12/6/2024	8.49	8.03	7.80	9.66	10.23	9.38	10.71	8.41	8.72	8.73	8.45	8.52	7.41	7.20	7.00	8.07	7.41	6.36	6.98	7.49	7.73	7.45	8.01	15.95	8.51	24
12/7/2024	15.17	15.30	15.11	14.21	14.69	14.74	15.71	15.76	13.42	10.41	7.55	7.80	8.57	9.42	9.61	8.55	7.62	7.62	9.55	11.15	14.44	9.63	9.59	10.60	11.51	24
12/8/2024	10.46	12.02	10.31	9.11	11.48	12.58	15.14	17.15	16.12	12.66	9.54	8.67	8.72	8.73	8.12	9.09	18.14	21.98	17.49	16.91	16.15	15.99	11.99	10.79	12.89	24
12/9/2024	11.41	10.55	9.54	9.68	10.16	11.20	12.26	13.89	16.63	16.89	8.93	6.00	5.97	5.99	5.26	4.65	5.68	5.73	7.45	8.03	4.94	4.35	3.07	2.86	8.38	24
12/10/2024	3.15	3.33	3.19	3.55	5.25	7.43	7.59	8.01	8.49	5.31	4.75	4.92	5.61	4.85	4.89	5.07	5.00	4.55	4.52	3.83	3.40	3.34	3.50	3.73	4.89	24
12/11/2024	4.44	5.35	5.56	7.10	7.96	7.41	7.67	6.19	6.02	5.17	4.67	3.49	2.08	3.50	3.03	3.35	3.30	3.63	3.96	4.80	5.22	4.70	4.58	4.93	4.92	24
12/12/2024	5.29	5.30	5.00	4.97	5.28	5.78	6.63	8.57	7.96	8.37	7.03	6.44	6.35	5.75	5.52	5.94	5.92	6.62	9.12	11.58	12.76	15.94	18.12	18.75	8.29	24
12/13/2024	18.42	18.54	18.02	14.55	14.93	14.34	15.21	12.18	11.48	8.23	6.08	5.49	5.11	4.52	4.18	4.63	4.64	6.24	8.16	8.48	7.37	7.91	8.98	7.93	9.82	24
12/14/2024	5.93	6.65	5.31	4.90	4.90	5.12	5.45	6.42	5.26	5.80	54.36	75.97	7.73	4.03	3.86	4.18	4.19	4.76	4.05	3.03	3.74	3.97	3.36	3.76	9.86	24
12/15/2024	5.25	4.96	5.30	7.11	5.94	6.20	4.85	5.87	8.09	5.84	6.16	5.40	5.03	8.61	19.20	4.66	3.79	4.25	3.55	4.04	4.92	3.87	4.77	9.48	6.13	24
12/16/2024	15.10	11.80	14.18	16.76	12.67		15.24	11.98	15.03	19.59	24.83	13.58	4.92	2.59	2.35	2.26	1.64	1.83	2.18	2.54	8.98	5.75	3.38	3.09	9.23	23
12/17/2024	2.95	3.21	5.08	9.86	12.07	9.64	11.13	11.23	11.79	8.43	5.85	6.27	4.46	3.23	4.76	6.19	3.26	3.22	2.10	3.42	3.78	4.98	4.99	6.97	6.20	24
12/18/2024	8.77	8.36	7.58	6.19	5.46	9.31	12.12	13.92	12.98	6.25	5.57	4.29	2.85	2.59	2.35	2.23	2.33	2.21	2.86	3.85	3.95	5.32	4.42	2.48	5.76	24
12/19/2024	2.50	3.76	4.79	6.31	5.20	6.94	8.10	7.47	6.41	6.23	5.59	5.56	7.07	6.05	5.93	8.55	15.04	19.57	14.75	11.53	13.04	11.91	6.05	5.08	8.06	24
12/20/2024	6.29	7.39	6.66	9.41	9.74	8.18	11.98	15.63	15.79	11.59	8.63	7.05	5.87	5.37	5.61	7.22	6.08	6.39	7.83	7.78	6.97	6.23	6.52	5.85	8.17	24
12/21/2024	6.40	6.47	6.07	4.93	4.38	4.53	5.21	7.10	6.72	7.07	6.65	5.78	5.75	5.06	4.76	4.56	4.68	4.91	7.56	8.36	11.55	8.45	7.51	8.00	6.35	24
12/22/2024	10.13	10.13	13.39	15.98		15.23	13.34	11.85	10.91	7.44	7.73	7.19	6.81	6.41	6.57	5.79	5.75	5.34	7.09	7.86	7.06	6.78	8.05	10.03	8.99	23
12/23/2024	9.73	11.74	11.86	10.70	11.27	7.93	5.85	5.59	5.62	4.93	4.88	5.15	6.11	5.26	5.08	5.38	4.77	4.26	4.87	7.25	10.58	14.43	14.15	7.54	7.71	24
12/24/2024	7.32	5.41	8.79	4.41	10.91	8.60	15.19	13.89	11.72	8.03	7.38	8.12	5.59	4.94	5.65	4.67	4.77	4.72	5.97	8.57	10.48	13.27	21.25	17.82	9.06	24
12/25/2024					18.02	17.33	16.10	18.37	15.32	9.35	5.92	5.90	6.25	6.48	7.36	7.29	7.41	7.39	7.57	8.09	8.52	8.75	8.68	8.04	9.91	20
12/26/2024	9.86	9.18	7.73	8.77	9.13	9.69	8.86	8.13	7.88	6.37	6.23	6.55	4.77	4.68	8.63	9.57	4.86	6.03	7.23	8.51	11.23	9.79	8.22	7.56	7.90	24
12/27/2024	6.03	7.75	14.53	15.25	10.68	6.33	5.20	2.76	1.49	1.22	2.50	3.33	5.69	7.52	7.47	7.28	7.31	8.48	15.43	20.68	15.52	18.55	20.91	17.01	9.54	24
12/28/2024	15.72	15.46	13.99	14.34	13.00	11.36	4.42	6.11	2.92	1.30	1.23	1.06	4.94	2.76	2.36	2.42	2.68	3.17	3.52	2.79	2.65	2.34	2.12	2.24	5.62	24
12/29/2024	2.08	1.72	1.91	2.33	2.65	2.62	2.41	1.77	1.93	2.17	1.23	1.34	1.48	1.01	1.02	1.27	2.13	2.43	2.74	3.30	4.86	4.53	3.69	3.75	2.35	24
12/30/2024	4.27	4.68	4.92	4.14	4.21	4.42	6.28	5.81	7.80	6.02	4.47	4.19	4.16	4.02	3.80	4.02	3.90	4.15	3.34	2.75	2.84	6.58	9.38	13.40	5.15	24
12/31/2024	10.54	6.53	4.92	5.39	6.22	5.91	6.73	8.23	8.68	6.90	5.93	5.91	6.29	5.34	4.60	4.58	4.63	5.09	5.51	7.35	7.73	9.77	11.82	12.29	6.95	24
avg	9.06	8.97	9.05	9.44	9.70	9.60	10.21	10.29	10.27	8.50	8.85	8.72	5.92	5.73	5.85	5.69	5.82	6.39	7.12	7.84	8.49	9.08	8.82	9.06	8.29	
min	2.08	1.72	1.91	2.33	2.65	2.62	2.41	1.77	1.49	1.22	1.23	1.06	1.48	1.01	1.02	1.27	1.64	1.83	2.10	2.54	2.65	2.34	2.12	2.24	2.35	
max	18.42	18.54	18.02	16.76	18.04	18.82	20.85	21.52	26.25	19.59	54.36	75.97	11.15	11.12	19.20	9.57	18.14	21.98	17.49	20.68	16.15	22.44	21.25	18.75	13.27	730

Saroad Table - Hourly PM2.5 Data
December 2024

Location: Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
12/1/2024	11.80	15.35								17.97	9.51	7.11	6.89	6.33	5.99	6.36	5.37	5.98	8.81	10.91	12.06	22.44	12.16	12.79	10.46	17
12/2/2024	13.81	12.51	11.12	10.53	10.31	12.18	11.74	12.47	12.33	9.50	9.30	9.39	7.01	6.47	6.49	6.77	6.60	7.66	9.00	9.83	10.72	11.45	11.78	15.28	10.18	24
12/3/2024	17.14	14.67	12.89	15.96	15.47	14.41	15.19	13.74	15.69	13.99	11.04	9.54	8.02	6.82	6.62	7.28		6.38	8.18	8.24	9.52	14.64	16.15	15.69	12.05	23
12/4/2024	15.07	13.86	16.03	16.46	18.04	18.82	20.85	21.52	26.25	14.26	15.83	14.84	11.15	11.12	8.45	8.00	8.57	10.47	8.67	8.45	8.85	8.24	7.08	7.71	13.27	24
12/5/2024	8.16	9.16	10.91	11.08	11.06	10.92	9.24	8.61	8.51	7.47	6.64	5.56	4.96	10.94	4.89	6.51	7.17	6.84	10.67	11.55	11.78	10.05	9.19	9.48	8.81	24
12/6/2024	8.49	8.03	7.80	9.66	10.23	9.38	10.71	8.41	8.72	8.73	8.45	8.52	7.41	7.20	7.00	8.07	7.41	6.36	6.98	7.49	7.73	7.45	8.01	15.95	8.51	24
12/7/2024	15.17	15.30	15.11	14.21	14.69	14.74	15.71	15.76	13.42	10.41	7.55	7.80	8.57	9.42	9.61	8.55	7.62	7.62	9.55	11.15	14.44	9.63	9.59	10.60	11.51	24
12/8/2024	10.46	12.02	10.31	9.11	11.48	12.58	15.14	17.15	16.12	12.66	9.54	8.67	8.72	8.73	8.12	9.09	18.14	21.98	17.49	16.91	16.15	15.99	11.99	10.79	12.89	24
12/9/2024	11.41	10.55	9.54	9.68	10.16	11.20	12.26	13.89	16.63	16.89	8.93	6.00	5.97	5.99	5.26	4.65	5.68	5.73	7.45	8.03	4.94	4.35	3.07	2.86	8.38	24
12/10/2024	3.15	3.33	3.19	3.55	5.25	7.43	7.59	8.01	8.49	5.31	4.75	4.92	5.61	4.85	4.89	5.07	5.00	4.55	4.52	3.83	3.40	3.34	3.50	3.73	4.89	24
12/11/2024	4.44	5.35	5.56	7.10	7.96	7.41	7.67	6.19	6.02	5.17	4.67	3.49	2.08	3.50	3.03	3.35	3.30	3.63	3.96	4.80	5.22	4.70	4.58	4.93	4.92	24
12/12/2024	5.29	5.30	5.00	4.97	5.28	5.78	6.63	8.57	7.96	8.37	7.03	6.44	6.35	5.75	5.52	5.94	5.92	6.62	9.12	11.58	12.76	15.94	18.12	18.75	8.29	24
12/13/2024	18.42	18.54	18.02	14.55	14.93	14.34	15.21	12.18	11.48	8.23	6.08	5.49	5.11	4.52	4.18	4.63	4.64	6.24	8.16	8.48	7.37	7.91	8.98	7.93	9.82	24
12/14/2024	5.93	6.65	5.31	4.90	4.90	5.12	5.45	6.42	5.26	5.80	54.36	75.97	7.73	4.03	3.86	4.18	4.19	4.76	4.05	3.03	3.74	3.97	3.36	3.76	9.86	24
12/15/2024	5.25	4.96	5.30	7.11	5.94	6.20	4.85	5.87	8.09	5.84	6.16	5.40	5.03	8.61	19.20	4.66	3.79	4.25	3.55	4.04	4.92	3.87	4.77	9.48	6.13	24
12/16/2024	15.10	11.80	14.18	16.76	12.67		15.24	11.98	15.03	19.59	24.83	13.58	4.92	2.59	2.35	2.26	1.64	1.83	2.18	2.54	8.98	5.75	3.38	3.09	9.23	23
12/17/2024	2.95	3.21	5.08	9.86	12.07	9.64	11.13	11.23	11.79	8.43	5.85	6.27	4.46	3.23	4.76	6.19	3.26	3.22	2.10	3.42	3.78	4.98	4.99	6.97	6.20	24
12/18/2024	8.77	8.36	7.58	6.19	5.46	9.31	12.12	13.92	12.98	6.25	5.57	4.29	2.85	2.59	2.35	2.23	2.33	2.21	2.86	3.85	3.95	5.32	4.42	2.48	5.76	24
12/19/2024	2.50	3.76	4.79	6.31	5.20	6.94	8.10	7.47	6.41	6.23	5.59	5.56	7.07	6.05	5.93	8.55	15.04	19.57	14.75	11.53	13.04	11.91	6.05	5.08	8.06	24
12/20/2024	6.29	7.39	6.66	9.41	9.74	8.18	11.98	15.63	15.79	11.59	8.63	7.05	5.87	5.37	5.61	7.22	6.08	6.39	7.83	7.78	6.97	6.23	6.52	5.85	8.17	24
12/21/2024	6.40	6.47	6.07	4.93	4.38	4.53	5.21	7.10	6.72	7.07	6.65	5.78	5.75	5.06	4.76	4.56	4.68	4.91	7.56	8.36	11.55	8.45	7.51	8.00	6.35	24
12/22/2024	10.13	10.13	13.39	15.98		15.23	13.34	11.85	10.91	7.44	7.73	7.19	6.81	6.41	6.57	5.79	5.75	5.34	7.09	7.86	7.06	6.78	8.05	10.03	8.99	23
12/23/2024	9.73	11.74	11.86	10.70	11.27	7.93	5.85	5.59	5.62	4.93	4.88	5.15	6.11	5.26	5.08	5.38	4.77	4.26	4.87	7.25	10.58	14.43	14.15	7.54	7.71	24
12/24/2024	7.32	5.41	8.79	4.41	10.91	8.60	15.19	13.89	11.72	8.03	7.38	8.12	5.59	4.94	5.65	4.67	4.77	4.72	5.97	8.57	10.48	13.27	21.25	17.82	9.06	24
12/25/2024					18.02	17.33	16.10	18.37	15.32	9.35	5.92	5.90	6.25	6.48	7.36	7.29	7.41	7.39	7.57	8.09	8.52	8.75	8.68	8.04	9.91	20
12/26/2024	9.86	9.18	7.73	8.77	9.13	9.69	8.86	8.13	7.88	6.37	6.23	6.55	4.77	4.68	8.63	9.57	4.86	6.03	7.23	8.51	11.23	9.79	8.22	7.56	7.90	24
12/27/2024	6.03	7.75	14.53	15.25	10.68	6.33	5.20	2.76	1.49	1.22	2.50	3.33	5.69	7.52	7.47	7.28	7.31	8.48	15.43	20.68	15.52	18.55	20.91	17.01	9.54	24
12/28/2024	15.72	15.46	13.99	14.34	13.00	11.36	4.42	6.11	2.92	1.30	1.23	1.06	4.94	2.76	2.36	2.42	2.68	3.17	3.52	2.79	2.65	2.34	2.12	2.24	5.62	24
12/29/2024	2.08	1.72	1.91	2.33	2.65	2.62	2.41	1.77	1.93	2.17	1.23	1.34	1.48	1.01	1.02	1.27	2.13	2.43	2.74	3.30	4.86	4.53	3.69	3.75	2.35	24
12/30/2024	4.27	4.68	4.92	4.14	4.21	4.42	6.28	5.81	7.80	6.02	4.47	4.19	4.16	4.02	3.80	4.02	3.90	4.15	3.34	2.75	2.84	6.58	9.38	13.40	5.15	24
12/31/2024	10.54	6.53	4.92	5.39	6.22	5.91	6.73	8.23	8.68	6.90	5.93	5.91	6.29	5.34	4.60	4.58	4.63	5.09	5.51	7.35	7.73	9.77	11.82	12.29	6.95	24
avg	9.06	8.97	9.05	9.44	9.70	9.60	10.21	10.29	10.27	8.50	8.85	8.72	5.92	5.73	5.85	5.69	5.82	6.39	7.12	7.84	8.49	9.08	8.82	9.06	8.29	
min	2.08	1.72	1.91	2.33	2.65	2.62	2.41	1.77	1.49	1.22	1.23	1.06	1.48	1.01	1.02	1.27	1.64	1.83	2.10	2.54	2.65	2.34	2.12	2.24	2.35	
max	18.42	18.54	18.02	16.76	18.04	18.82	20.85	21.52	26.25	19.59	54.36	75.97	11.15	11.12	19.20	9.57	18.14	21.98	17.49	20.68	16.15	22.44	21.25	18.75	13.27	730

Saroad Table - Hourly PM2.5 Data
December 2024

Location: Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
12/1/2024	11.80	15.35								17.97	9.51	7.11	6.89	6.33	5.99	6.36	5.37	5.98	8.81	10.91	12.06	22.44	12.16	12.79	10.46	17
12/2/2024	13.81	12.51	11.12	10.53	10.31	12.18	11.74	12.47	12.33	9.50	9.30	9.39	7.01	6.47	6.49	6.77	6.60	7.66	9.00	9.83	10.72	11.45	11.78	15.28	10.18	24
12/3/2024	17.14	14.67	12.89	15.96	15.47	14.41	15.19	13.74	15.69	13.99	11.04	9.54	8.02	6.82	6.62	7.28		6.38	8.18	8.24	9.52	14.64	16.15	15.69	12.05	23
12/4/2024	15.07	13.86	16.03	16.46	18.04	18.82	20.85	21.52	26.25	14.26	15.83	14.84	11.15	11.12	8.45	8.00	8.57	10.47	8.67	8.45	8.85	8.24	7.08	7.71	13.27	24
12/5/2024	8.16	9.16	10.91	11.08	11.06	10.92	9.24	8.61	8.51	7.47	6.64	5.56	4.96	10.94	4.89	6.51	7.17	6.84	10.67	11.55	11.78	10.05	9.19	9.48	8.81	24
12/6/2024	8.49	8.03	7.80	9.66	10.23	9.38	10.71	8.41	8.72	8.73	8.45	8.52	7.41	7.20	7.00	8.07	7.41	6.36	6.98	7.49	7.73	7.45	8.01	15.95	8.51	24
12/7/2024	15.17	15.30	15.11	14.21	14.69	14.74	15.71	15.76	13.42	10.41	7.55	7.80	8.57	9.42	9.61	8.55	7.62	7.62	9.55	11.15	14.44	9.63	9.59	10.60	11.51	24
12/8/2024	10.46	12.02	10.31	9.11	11.48	12.58	15.14	17.15	16.12	12.66	9.54	8.67	8.72	8.73	8.12	9.09	18.14	21.98	17.49	16.91	16.15	15.99	11.99	10.79	12.89	24
12/9/2024	11.41	10.55	9.54	9.68	10.16	11.20	12.26	13.89	16.63	16.89	8.93	6.00	5.97	5.99	5.26	4.65	5.68	5.73	7.45	8.03	4.94	4.35	3.07	2.86	8.38	24
12/10/2024	3.15	3.33	3.19	3.55	5.25	7.43	7.59	8.01	8.49	5.31	4.75	4.92	5.61	4.85	4.89	5.07	5.00	4.55	4.52	3.83	3.40	3.34	3.50	3.73	4.89	24
12/11/2024	4.44	5.35	5.56	7.10	7.96	7.41	7.67	6.19	6.02	5.17	4.67	3.49	2.08	3.50	3.03	3.35	3.30	3.63	3.96	4.80	5.22	4.70	4.58	4.93	4.92	24
12/12/2024	5.29	5.30	5.00	4.97	5.28	5.78	6.63	8.57	7.96	8.37	7.03	6.44	6.35	5.75	5.52	5.94	5.92	6.62	9.12	11.58	12.76	15.94	18.12	18.75	8.29	24
12/13/2024	18.42	18.54	18.02	14.55	14.93	14.34	15.21	12.18	11.48	8.23	6.08	5.49	5.11	4.52	4.18	4.63	4.64	6.24	8.16	8.48	7.37	7.91	8.98	7.93	9.82	24
12/14/2024	5.93	6.65	5.31	4.90	4.90	5.12	5.45	6.42	5.26	5.80	54.36	75.97	7.73	4.03	3.86	4.18	4.19	4.76	4.05	3.03	3.74	3.97	3.36	3.76	9.86	24
12/15/2024	5.25	4.96	5.30	7.11	5.94	6.20	4.85	5.87	8.09	5.84	6.16	5.40	5.03	8.61	19.20	4.66	3.79	4.25	3.55	4.04	4.92	3.87	4.77	9.48	6.13	24
12/16/2024	15.10	11.80	14.18	16.76	12.67		15.24	11.98	15.03	19.59	24.83	13.58	4.92	2.59	2.35	2.26	1.64	1.83	2.18	2.54	8.98	5.75	3.38	3.09	9.23	23
12/17/2024	2.95	3.21	5.08	9.86	12.07	9.64	11.13	11.23	11.79	8.43	5.85	6.27	4.46	3.23	4.76	6.19	3.26	3.22	2.10	3.42	3.78	4.98	4.99	6.97	6.20	24
12/18/2024	8.77	8.36	7.58	6.19	5.46	9.31	12.12	13.92	12.98	6.25	5.57	4.29	2.85	2.59	2.35	2.23	2.33	2.21	2.86	3.85	3.95	5.32	4.42	2.48	5.76	24
12/19/2024	2.50	3.76	4.79	6.31	5.20	6.94	8.10	7.47	6.41	6.23	5.59	5.56	7.07	6.05	5.93	8.55	15.04	19.57	14.75	11.53	13.04	11.91	6.05	5.08	8.06	24
12/20/2024	6.29	7.39	6.66	9.41	9.74	8.18	11.98	15.63	15.79	11.59	8.63	7.05	5.87	5.37	5.61	7.22	6.08	6.39	7.83	7.78	6.97	6.23	6.52	5.85	8.17	24
12/21/2024	6.40	6.47	6.07	4.93	4.38	4.53	5.21	7.10	6.72	7.07	6.65	5.78	5.75	5.06	4.76	4.56	4.68	4.91	7.56	8.36	11.55	8.45	7.51	8.00	6.35	24
12/22/2024	10.13	10.13	13.39	15.98		15.23	13.34	11.85	10.91	7.44	7.73	7.19	6.81	6.41	6.57	5.79	5.75	5.34	7.09	7.86	7.06	6.78	8.05	10.03	8.99	23
12/23/2024	9.73	11.74	11.86	10.70	11.27	7.93	5.85	5.59	5.62	4.93	4.88	5.15	6.11	5.26	5.08	5.38	4.77	4.26	4.87	7.25	10.58	14.43	14.15	7.54	7.71	24
12/24/2024	7.32	5.41	8.79	4.41	10.91	8.60	15.19	13.89	11.72	8.03	7.38	8.12	5.59	4.94	5.65	4.67	4.77	4.72	5.97	8.57	10.48	13.27	21.25	17.82	9.06	24
12/25/2024					18.02	17.33	16.10	18.37	15.32	9.35	5.92	5.90	6.25	6.48	7.36	7.29	7.41	7.39	7.57	8.09	8.52	8.75	8.68	8.04	9.91	20
12/26/2024	9.86	9.18	7.73	8.77	9.13	9.69	8.86	8.13	7.88	6.37	6.23	6.55	4.77	4.68	8.63	9.57	4.86	6.03	7.23	8.51	11.23	9.79	8.22	7.56	7.90	24
12/27/2024	6.03	7.75	14.53	15.25	10.68	6.33	5.20	2.76	1.49	1.22	2.50	3.33	5.69	7.52	7.47	7.28	7.31	8.48	15.43	20.68	15.52	18.55	20.91	17.01	9.54	24
12/28/2024	15.72	15.46	13.99	14.34	13.00	11.36	4.42	6.11	2.92	1.30	1.23	1.06	4.94	2.76	2.36	2.42	2.68	3.17	3.52	2.79	2.65	2.34	2.12	2.24	5.62	24
12/29/2024	2.08	1.72	1.91	2.33	2.65	2.62	2.41	1.77	1.93	2.17	1.23	1.34	1.48	1.01	1.02	1.27	2.13	2.43	2.74	3.30	4.86	4.53	3.69	3.75	2.35	24
12/30/2024	4.27	4.68	4.92	4.14	4.21	4.42	6.28	5.81	7.80	6.02	4.47	4.19	4.16	4.02	3.80	4.02	3.90	4.15	3.34	2.75	2.84	6.58	9.38	13.40	5.15	24
12/31/2024	10.54	6.53	4.92	5.39	6.22	5.91	6.73	8.23	8.68	6.90	5.93	5.91	6.29	5.34	4.60	4.58	4.63	5.09	5.51	7.35	7.73	9.77	11.82	12.29	6.95	24
avg	9.1	9.0	9.1	9.4	9.7	9.6	10.2	10.3	10.3	8.5	8.9	8.7	5.9	5.7	5.9	5.7	5.8	6.4	7.1	7.8	8.5	9.1	8.8	9.1	8.29	
min	2.1	1.7	1.9	2.3	2.7	2.6	2.4	1.8	1.5	1.2	1.2	1.1	1.5	1.0	1.0	1.3	1.6	1.8	2.1	2.5	2.7	2.3	2.1	2.2	2.35	
max	18.4	18.5	18.0	16.8	18.0	18.8	20.8	21.5	26.3	19.6	54.4	76.0	11.2	11.1	19.2	9.6	18.1	22.0	17.5	20.7	16.1	22.4	21.2	18.8	13.27	730

Saroad Table - Hourly PM2.5 Data
January 2025

Location: Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
1/1/2025	7.2	3.4	2.7	2.2	2.1	2.1	2.0	2.0	2.3	2.8	2.9	3.0	3.4	3.4	3.6	3.5	3.5	3.0	2.7	3.1	4.0	3.9	3.0	2.9	3.1	24
1/2/2025	3.0	3.2	3.5	3.7	4.0	4.1	4.4	4.3	5.2	6.6	6.9	6.0	5.8	5.2	5.4	4.9	4.8	4.6	4.4	5.8	7.1	10.3	13.4	15.0	5.9	24
1/3/2025	16.0	16.3	18.1	17.4	18.0	18.1	18.0	17.3	16.3	15.7	11.2	8.4	8.5	6.6	6.4	7.9	6.9	7.3	8.2	7.5	7.6	6.9	6.8	6.0	11.6	24
1/4/2025	4.8	4.2	3.9	3.9	4.1	4.2	3.9	3.7	4.0	4.3	4.4	4.5	4.8	5.1	5.1	5.2	5.2	4.7	4.4	12.1	5.2	4.7	7.8	10.2	5.2	24
1/5/2025	11.6	11.7	12.3	10.3	10.0	10.2	11.0	11.5	11.3	8.2	6.0	6.9	6.3	5.7	6.8	6.7	5.9	4.7	4.2	4.3	4.0	3.6	3.5	3.2	7.5	24
1/6/2025	3.7	5.0	3.1	2.9	2.1	2.2	2.1	2.2	1.7	1.7	1.9	2.4	3.3	1.7	0.8	1.9	3.0	2.7	2.2	1.8	1.6	1.5	2.0	3.8	2.4	24
1/7/2025	4.3	5.2	6.0	6.3	6.4	6.5	6.8	6.9	6.9	5.9	4.4	4.2	4.3	4.6	4.7	5.3	6.2	5.2	4.2	3.7	4.6	5.0	10.5	10.9	5.8	24
1/8/2025	9.7	10.2	10.6	10.7	11.9	12.9	13.4	13.3	13.0	13.0	12.1	10.9	10.5	9.1	7.9	8.2	11.6	12.7	8.1	12.3	22.2	16.6	12.3	9.9	11.8	24
1/9/2025	8.3	7.3	7.0	7.4	7.9	8.5	8.9	9.4	10.2	10.7	10.3	9.6	8.4	7.7	10.2	8.3	8.3	8.8	11.7	16.5	13.4	11.9	11.6	18.1	10.0	24
1/10/2025	17.6	15.6	14.5	14.6	15.1	13.1	12.0	10.6	10.6	9.8	12.1	9.6	9.2	7.9	7.6	7.2	9.5	8.8	9.6	11.1	10.7	11.9	14.6	16.0	11.6	24
1/11/2025	12.8	4.4	1.8	1.7	2.7	3.4	4.1	5.0	4.3	3.5	3.7	3.2	2.6	2.9	2.8	3.2	3.5	3.1	3.7	4.4	5.8	7.0	7.8	8.7	4.4	24
1/12/2025	8.3	9.8	10.6	11.0	11.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.3	5
1/13/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1/14/2025	-	-	-	-	-	-	-	-	-	-	-	-	7.0	6.3	6.0	5.9	5.7	5.2	4.9	5.6	5.6	5.2	6.0	8.4	6.0	12
1/15/2025	6.4	5.9	6.0	5.4	4.2	4.0	3.9	3.6	4.0	4.9	6.0	4.9	4.9	5.1	4.8	5.0	5.0	4.6	4.1	6.0	8.7	10.9	24.3	79.6	9.3	24
1/16/2025	97.3	64.2	24.5	21.3	20.3	27.1	41.7	41.3	47.7	17.5	9.8	8.1	7.4	7.0	6.0	6.3	6.8	6.4	6.7	11.5	8.4	7.9	7.0	7.9	21.3	24
1/17/2025	9.7	11.4	11.5	11.0	10.8	10.4	10.6	11.4	11.6	10.3	8.9	6.9	6.2	6.9	6.6	6.1	5.8	6.7	8.2	7.0	8.0	14.7	20.0	15.9	9.9	24
1/18/2025	16.2	14.8	13.5	15.2	15.7	19.6	8.9	3.7	3.9	3.8	5.7	8.0	9.6	9.8	14.9	11.7	8.9	7.9	8.1	7.5	7.2	7.5	8.8	8.6	10.0	24
1/19/2025	7.9	6.2	2.6	1.5	0.6	0.2	0.0	0.0	0.0	0.7	1.6	1.6	1.8	2.3	4.5	5.5	5.4	4.9	5.1	4.6	2.9	2.6	3.0	4.1	2.9	24
1/20/2025	4.5	5.3	5.2	5.5	5.6	5.6	5.7	5.8	5.7	6.3	6.1	6.2	5.9	5.8	5.9	5.6	5.5	4.8	4.0	4.1	4.4	5.2	7.2	7.4	5.5	24
1/21/2025	8.3	6.9	6.9	6.9	7.3	7.2	7.1	6.5	6.3	6.1	5.9	6.8	8.2	10.5	7.6	6.9	6.7	7.1	7.0	6.7	7.4	8.8	6.5	5.2	7.1	24
1/22/2025	4.9	3.9	4.1	3.6	3.8	3.8	4.4	4.8	5.4	6.3	6.3	6.5	6.3	6.3	6.1	5.8	5.7	5.6	5.5	5.0	6.0	6.8	8.0	7.5	5.5	24
1/23/2025	7.6	9.5	13.7	8.6	8.6	9.4	9.5	9.8	9.8	9.7	10.6	9.7	9.2	8.7	8.2	7.8	7.8	9.1	10.1	8.8	7.9	11.6	11.5	10.3	9.5	24
1/24/2025	14.3	11.1	12.9	19.3	12.9	12.0	12.0	10.8	11.4	13.4	13.8	13.3	12.4	12.9	11.0	7.4	7.1	7.0	5.7	6.0	6.5	16.2	16.8	22.2	12.0	24
1/25/2025	20.9	17.4	14.1	13.3	13.4	13.5	13.6	14.0	16.5	18.6	16.6	13.1	6.8	6.7	6.2	6.2	6.1	5.6	5.1	5.2	6.1	6.3	6.4	6.5	10.8	24
1/26/2025	9.2	11.8	12.5			14.1	11.5	11.1	11.3	10.0	8.6	6.7	6.4	6.6	6.6	6.5	6.4	6.0	6.3	8.0	6.6	8.2	9.2	8.4	8.7	22
1/27/2025	8.6	16.2	19.0	9.9	8.5	8.1	7.9	8.8	12.0	11.3	13.4	11.8	12.1	9.6	10.8	11.0	8.6	6.5	6.7	6.7	5.6	5.0	5.0	5.5	9.5	24
1/28/2025	4.2	1.9	2.5	3.6	4.5	7.3	7.6	7.7	6.3	5.1	4.7	4.5	5.1	5.0	5.1	5.6	5.9	5.8	5.7	6.1	5.5	5.3	6.0	6.5	5.3	24
1/29/2025	7.0	6.6	6.4	6.5	6.5	6.6	6.7	6.8	7.5	7.1	6.9	6.8	6.1	5.9	7.0	6.0	5.7	5.8	9.1	16.4	12.5	12.1	11.1	10.1	7.9	24
1/30/2025	10.1	10.8	11.8	12.6	13.2	14.6	15.0	15.3	16.4	11.5	8.4	7.6	8.1	8.5	6.8	6.4	7.7	8.5	8.8	6.3	6.3	6.0	8.9	6.7	9.9	24
1/31/2025	5.4	6.0	6.5	6.3	6.6	7.0	7.5	9.1	9.4	10.6	9.1	8.5	8.9	9.8	10.2	9.5	9.0	7.2	6.6	6.4	6.7	7.2	8.5	4.1	7.8	24
avg	12.1	10.6	9.2	8.7	8.5	9.1	9.3	9.2	9.7	8.4	7.8	7.1	6.9	6.7	6.8	6.5	6.5	6.2	6.3	7.3	7.2	8.0	9.2	11.4	8.3	
min	3.0	1.9	1.8	1.5	0.6	0.2	0.0	0.0	0.0	0.7	1.6	1.6	1.8	1.7	0.8	1.9	3.0	2.7	2.2	1.8	1.6	1.5	2.0	2.9	2.4	
max	97.3	64.2	24.5	21.3	20.3	27.1	41.7	41.3	47.7	18.6	16.6	13.3	12.4	12.9	14.9	11.7	11.6	12.7	11.7	16.5	22.2	16.6	24.3	79.6	21.3	687

Saroad Table - Hourly PM2.5 Data
January 2025

Location: Carver Village **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
1/1/2025	8.1	4.7	3.4	2.7	2.5	2.4	2.4	2.4	2.7	2.9	2.9	3.0	3.3	3.4	3.3	3.4	3.4	3.2	3.4	4.4	4.7	5.3	4.3	3.7	3.6	24
1/2/2025	3.8	3.9	4.3	5.3	5.1	5.0	5.5	6.4	8.2	9.6	8.9	8.1	6.4	5.5	5.4	5.3	5.1	8.4	6.0	6.6	9.7	17.6			6.8	22
1/3/2025	19.0	22.0	22.7	22.4	21.7	20.6	20.6	22.4	23.6	18.9	12.8	10.5	11.4	7.8	7.7	8.1	8.4	8.0	8.1	10.1	9.4	7.9	7.9	7.0	14.1	24
1/4/2025	5.7	5.0	4.5	4.6	4.8	4.8	4.4	4.2	4.4	4.5	4.7	5.4	5.3	5.3	5.3	5.7	5.4	5.4	5.4	9.0	8.1	11.9	18.0	16.6	6.6	24
1/5/2025	23.6	18.2	17.6	17.1	16.8	17.5	52.4	18.0	16.1	10.2	7.5	7.0	7.2	6.9	7.0	6.7	6.6	9.1	5.4	5.2	4.2	4.9	3.6	3.5	12.2	24
1/6/2025	2.6	2.1	2.1	2.2	2.3	2.5	3.0	2.8	2.5	2.4	2.2	2.6	3.5	2.5	1.2	2.1	3.1	3.3	2.6	2.1	1.8	1.8	2.1	4.2	2.5	24
1/7/2025	4.6	5.9	6.7	7.4	7.6	8.2	11.8	11.6	9.5	6.7	5.0	4.7	4.6	4.8	5.3	5.4	8.3	8.4	7.2	7.3	8.3	8.8	17.8	15.5	8.0	24
1/8/2025	14.1	12.6	13.1	14.1	15.6	18.1	19.6	18.1	17.2	16.6	16.3	11.3	9.9	9.2	9.1	9.2	10.8	11.3	8.6	27.4			15.9	12.2	14.1	22
1/9/2025	9.5	8.4	8.1	8.5	9.1	9.7	10.7	11.3	12.6	12.2	10.8	11.3	9.8	8.8	10.5	10.2	9.6	10.5	12.6	13.3	16.9	19.0	22.6	23.2	12.1	24
1/10/2025	20.6	24.4	20.5	18.2	15.7	14.2	10.5	12.2	11.8	10.1	11.6	12.2	8.4	7.8	8.0	7.4	7.7	7.0	9.3	10.6	13.1	16.4		14.2	12.7	23
1/11/2025	11.9	4.5	2.7	1.7	3.7	4.1	5.0	5.7	4.9	4.1	4.0	3.6	3.1	3.1	3.2	3.4	3.8	3.9	6.1	7.1	7.8	8.3	9.6	10.2	5.2	24
1/12/2025	10.8	12.0	13.6	15.8	18.8	17.9	16.6	15.3	14.4	17.0	16.0	12.9	12.9	11.0	9.4	8.9	9.3	10.9	12.0	16.3	19.0	20.0	23.9	25.6	15.0	24
1/13/2025	21.7	19.7	20.0	20.0	21.0	23.3	18.1	15.9	14.9	13.4	12.0	9.1	10.1	9.4	6.9	7.0	8.4	5.9	5.5	7.3	8.5	8.4	8.3	7.8	12.6	24
1/14/2025	6.4	7.6	8.7	9.2	9.2	10.4	10.8	11.3	11.0	11.2	11.7	9.8	8.7	7.1	6.3	6.3	6.1	6.4	7.1	8.1	10.4	13.8	13.9	10.1	9.2	24
1/15/2025	7.5	6.4	6.6	6.1	4.9	4.8	4.7	5.1	6.0	6.6	6.1	5.4	5.2	5.1	5.1	5.2	5.4	5.7	6.7	8.2	10.8	17.4	22.0	26.2	8.0	24
1/16/2025	64.1	58.9	51.4	41.1	24.7	44.0	26.4	23.3	18.9	11.0	10.1	7.8	6.6	9.0	7.2	6.7	7.0	7.2	7.8	7.8	9.1	9.9	8.3	9.8	19.9	24
1/17/2025	10.2	10.1	10.5	11.4	11.8	12.6	12.5	13.5	14.2	12.2	11.2	7.7	7.0	6.7	6.3	6.0	6.1	7.7	11.7	15.0	19.3	40.9	21.0	20.5	12.8	24
1/18/2025	21.8	22.1	21.3	17.8	21.6	19.4	7.6	3.8	3.7	4.1	6.8	9.6	11.9	11.8	15.9	16.1	13.4	13.8	12.8	10.9	10.1	10.7	12.2	11.1	12.9	24
1/19/2025	9.9	7.0	3.2	2.2	1.8	0.5	0.0	0.0	0.2	0.6	1.4	3.5	5.6	6.8	5.1	6.5	6.3	5.5	5.8	5.4	3.5	2.9	3.4	4.5	3.8	24
1/20/2025	5.1	6.0	6.2	6.3	6.7	6.7	6.7	6.8	6.9	7.8	7.2	6.8	6.9	6.8	6.1	6.2	5.8	5.9	6.3	8.0	9.8	8.9	12.0	12.5	7.3	24
1/21/2025	11.0	9.0	8.6	8.8	7.5	7.5	8.9	7.4	7.7	7.2	8.0	8.7	10.6	25.6	13.2	8.2	7.8	8.4	8.9	7.8	10.0	9.8	9.2	8.9	9.5	24
1/22/2025	8.4	6.1	6.9	5.4	5.7	5.4	5.9	6.0	6.6	7.5	7.1	7.2	6.9	6.7	6.7	6.3	5.9	5.9	6.1	6.2	6.8	7.8	9.2	9.5	6.8	24
1/23/2025	9.9		10.6	14.2	13.7	14.9	12.8	12.5	13.0	12.7	10.7	11.5	11.0	10.1	9.2	9.3	8.7	10.1	14.6	23.1	13.0	13.7	17.9	52.5	14.3	23
1/24/2025	46.3	20.7	18.0	17.7	17.0	15.9	15.2	15.4	15.3	17.5	17.8	16.4	14.4	14.6	13.1	9.1	8.1	9.5	10.7	12.0	12.2	15.3	21.2	24.6	16.6	24
1/25/2025	21.6	20.4	18.7	18.8	19.6	16.4	18.3	20.6	22.7	45.3	21.7	16.5	8.3	7.4	6.7	7.0	6.8	6.7	11.5	27.3	18.7	25.4	54.2	52.0	20.5	24
1/26/2025	20.5	22.2	26.4	23.2	22.2	21.9	22.6	22.1	20.2	13.9	8.8	7.6	6.8	6.9	7.0	7.2	6.9	6.8	9.0	12.8	21.5	25.4	49.1	20.5	17.1	24
1/27/2025	24.9	24.2	14.2	10.8	11.1	11.4	11.4	13.7	15.1	12.4	13.4	16.4	16.7	13.9	15.4	13.0	8.6	7.0	8.4	8.6	9.2	7.0	6.0	5.2	12.4	24
1/28/2025	4.4	3.8	4.4	4.6	5.4	7.9	9.3	9.1	6.6	5.4	5.1	4.9	5.2	5.1	5.2	5.6	6.0	6.0	6.2	8.6	7.2	9.0	8.6	8.4	6.3	24
1/29/2025	8.9	7.5	7.2	7.3	7.3	7.2	7.7	7.8	8.6	7.7	7.7	7.4	6.6	6.8	7.5	6.7	6.6	9.6	16.1	18.7	17.6	11.5	10.8	11.2	9.2	24
1/30/2025	12.3	12.8	13.4	14.4	15.5	18.1	19.6	21.8	21.6	13.1	9.0	7.6	7.9	7.5	6.7	5.9	5.7	6.0	5.8	8.3	7.7	6.8	7.6	9.7	11.0	24
1/31/2025	10.2	9.5	7.9	6.9	8.3	8.6	9.4	11.5	12.5	11.2	10.6	9.9	10.8	11.3	11.2	10.4	9.6	8.5	8.1	8.3	8.5	8.8	10.2	6.2	9.5	24
avg	14.8	13.3	12.4	11.8	11.6	12.3	12.6	11.5	11.4	10.8	9.3	8.6	8.2	8.2	7.6	7.2	7.1	7.5	8.3	10.7	10.6	12.5	14.9	14.9	10.7	
min	2.6	2.1	2.1	1.7	1.8	0.5	0.0	0.0	0.2	0.6	1.4	2.6	3.1	2.5	1.2	2.1	3.1	3.2	2.6	2.1	1.8	1.8	2.1	3.5	2.5	
max	64.1	58.9	51.4	41.1	24.7	44.0	52.4	23.3	23.6	45.3	21.7	16.5	16.7	25.6	15.9	16.1	13.4	13.8	16.1	27.4	21.5	40.9	54.2	52.5	20.5	738

Saroad Table - Hourly PM2.5 Data
January 2025

Location: Woodville **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
1/1/2025	11.3	4.2	3.2	2.7	2.4	2.4	2.2	2.2	3.4	3.8	3.7	3.7	3.8	3.9	3.7	3.4	3.3	3.2	4.5	3.8	5.1	5.4	4.3	3.4	3.9	24
1/2/2025	3.7	3.9	4.1	4.3	4.9	5.0	5.3	6.0	6.9	9.3	9.1	8.1	6.5	6.0	5.5	5.2	5.1	5.3	5.3	5.6	7.9	13.4	18.8	19.8	7.3	24
1/3/2025	19.9	20.1	21.7	23.4	23.4	24.5	25.4	25.1	24.7	20.1	13.0	9.9	10.7	7.9	7.5	8.5	8.1	8.4	8.3	9.2	9.5	8.2	8.0	7.1	14.7	24
1/4/2025	5.9	4.9	4.3	4.2	4.6	4.7	4.6	4.1	4.9	5.1	5.1	5.2	5.4	5.4	5.5	5.5	5.3	5.0	4.8	5.2	7.5	6.5	6.4	7.8	5.3	24
1/5/2025	10.2	12.0	12.6	13.6	15.3	15.0	15.7	16.1	15.2	9.6	8.7	8.2	7.9	6.3	6.4	6.4	5.2	5.0	5.6	7.6	7.1	6.0	7.7	2.4	9.4	24
1/6/2025	2.8	2.4	2.3	1.8	1.9	1.9	2.0	2.1	1.7	2.3	2.1	2.7	3.5	2.3	1.4	2.3	3.2	3.3	2.6	2.2	1.9	1.8	2.2	4.3	2.4	24
1/7/2025	4.9	6.0	7.1	7.6	7.6	7.5	7.6	8.2	8.7	7.0	5.3	5.4	4.9	5.0	5.2	5.1	8.0	6.4	7.5	6.3	10.5	8.1	12.4	17.3	7.5	24
1/8/2025	22.3	17.6	13.7	18.7	19.6	19.4	20.1	20.2	18.9	18.3	15.2	12.8	11.0	9.9	9.6	9.2	13.5	14.1	8.9	19.8	62.1	28.4	17.8	12.6	18.1	24
1/9/2025	9.8	8.6	8.5	9.0	9.6	9.9	10.9	11.5	12.3	12.9	12.0	11.6	9.5	8.8	11.0	10.9	10.1	13.5	13.0	13.6	16.0	20.0	54.4	41.3	14.5	24
1/10/2025	24.6	22.4	20.3	17.9	15.4	14.7	11.2	11.2	11.7	11.9	11.9	10.7	9.3	8.7	8.7	6.9	8.1	9.0	8.4	14.0	15.2	16.1	17.3	15.6	13.4	24
1/11/2025	14.7	4.1	2.1	1.7	3.5	4.5	5.6	6.2	5.4	4.5	4.8	4.1	3.7	3.8	3.8	4.1	4.1	4.2	4.5	5.6	8.7	8.4	9.8	10.4	5.5	24
1/12/2025	11.2	13.2	14.4	15.6	15.3	15.2	14.4	14.4	14.6	14.5	13.5	11.7	10.4	9.7	8.8	8.9	9.1	9.9	10.9	12.9	16.4	17.2	17.8	26.5	13.6	24
1/13/2025	65.0	58.0	25.5	24.5	26.8	26.4	20.2	19.1	18.7	13.3	10.8	9.7	11.1	11.8	8.4	8.3	8.2	6.4	6.1	7.3	8.4	7.7	8.7	8.6	17.5	24
1/14/2025	7.4	9.4	11.1	9.8	9.3	10.5	10.9	11.6	10.8	11.2	11.6	10.3	8.6	7.0	6.6	6.3	6.1	6.3	7.1	8.3	6.5	11.4	15.1	9.8	9.3	24
1/15/2025	7.4	6.8	6.8	6.0	4.7	4.5	4.7	5.5	6.4	6.9	6.1	5.6	5.5	5.3	9.1	11.1	9.8	5.4	5.5	6.6	7.5	10.5	19.2	46.6	8.9	24
1/16/2025	75.6	61.5	55.5	41.3	25.7	48.7	46.0	45.1	22.1	11.5	10.3	7.7	7.8	9.4	7.3	7.2	7.7	7.7	9.0	8.4	8.3	9.1	7.5	8.3	22.9	24
1/17/2025	9.4	10.8	11.4	13.0	13.4	13.1	13.3	15.7	18.8	12.2	10.5	8.2	7.4	7.0	6.7	5.7	5.5	7.1	10.3	12.4	13.5	17.4	18.3	16.7	11.6	24
1/18/2025	18.5	19.9	19.6	18.4	17.5	15.1	7.9	4.0	4.0	5.3	6.8	9.9	12.3	12.0	17.2	17.2	11.4	11.7	11.4	9.2	9.3	9.2	12.4	10.4	12.1	24
1/19/2025	9.6	6.9	2.3	1.2	0.7	0.0	0.0	0.0	0.0	0.2	1.0	1.9	2.0	2.6	5.4	6.6	6.3	5.8	6.1	5.6	3.5	3.0	3.5	4.6	3.3	24
1/20/2025	5.0	6.0	6.0	6.1	6.4	6.6	6.6	6.6	6.9	7.4	7.6	7.0	6.9	6.5	6.3	5.9	5.8	16.6	10.5	9.1	8.9	8.7	10.3	15.6	7.9	24
1/21/2025	12.4	8.5	9.1	8.7	9.4	8.4	8.8	8.3	7.3	7.0	7.3	8.5	11.1	22.4	10.7	8.4	8.0	8.8	9.2	8.2	9.7	10.6	8.2	8.0	9.4	24
1/22/2025	6.4	5.2	5.0	4.9	5.0	4.4	4.7	5.5	6.5	7.3	7.7	7.7	7.4	6.7	6.7	6.5	6.1	5.9	6.7	6.7	7.0	8.1	8.8	11.1	6.6	24
1/23/2025	11.4	11.5	18.6	14.6	13.1	13.2	12.5	13.2	12.2	12.0	11.2	11.7	10.9	10.3	9.7	9.5	9.0	10.7	12.8	10.8	12.8	16.5	16.0	16.2	12.5	24
1/24/2025	18.2	16.7	18.4	18.4	17.5	16.6	14.6	15.9	15.2	16.3	16.3	15.3	14.8	19.1	13.7	9.4	8.4	10.3	9.2	8.2	9.2	9.8	10.2	11.5	13.9	24
1/25/2025	13.2	17.5	21.8	21.1	20.8	22.5	22.6	22.8	23.6	20.7	22.5	19.1	9.1	7.3	6.5	6.3	5.8	5.9	6.2	6.4	7.0	7.8	8.6	8.2	13.9	24
1/26/2025	9.3	10.6	9.0	10.3	12.2	18.3	22.7	17.0	18.0	13.5	9.3	7.7	7.1	7.2	7.3	7.3	7.0	6.6	7.3	8.3	8.4	8.7	9.5	10.0	10.5	24
1/27/2025	10.3	12.0	17.4	13.4	12.3	11.9	11.4	13.1	15.2	14.3	15.6	17.4	15.6	14.5	16.1	13.8	8.8	6.5	7.7	8.0	8.2	6.9	6.6	5.9	11.8	24
1/28/2025	4.7	3.7	4.8	5.7	6.5	9.0	10.8	10.1	7.5	6.6	6.1	5.6	5.5	5.5	5.6	5.9	6.5	6.2	6.0	6.3	6.3	6.5	6.5	7.8	6.5	24
1/29/2025	8.1	7.4	7.4	7.6	7.6	8.6	8.6	9.1	9.7	8.4	8.5	10.0	8.3	7.6	8.0	8.5	6.9	7.9	18.5	19.3	16.3	15.3	12.6	11.5	10.1	24
1/30/2025	14.5	14.9	13.9	16.1	18.1	18.5	20.5	21.7	23.7	13.8	9.2	8.2	8.0	7.6	6.6	6.0	6.1	6.9	6.2	5.2	5.8	6.4	7.6	8.9	11.4	24
1/31/2025	9.0	10.3	9.9	8.0	8.2	8.6	9.1	10.7	12.1	10.3	10.1	9.3	9.9	11.2	10.7	10.3	9.7	8.7	7.8	7.4	7.6	7.9	9.3	5.9	9.2	24
avg	14.7	13.5	12.5	11.9	11.6	12.6	12.3	12.3	11.8	10.2	9.4	8.9	8.2	8.4	7.9	7.6	7.3	7.7	8.0	8.6	10.7	10.4	12.1	12.7	10.5	
min	2.8	2.4	2.1	1.2	0.7	0.0	0.0	0.0	0.0	0.2	1.0	1.9	2.0	2.3	1.4	2.3	3.2	3.2	2.6	2.2	1.9	1.8	2.2	2.4	2.4	
max	75.6	61.5	55.5	41.3	26.8	48.7	46.0	45.1	24.7	20.7	22.5	19.1	15.6	22.4	17.2	17.2	13.5	16.6	18.5	19.8	62.1	28.4	54.4	46.6	22.9	744

Saroad Table - Hourly PM2.5 Data
January 2025

Location: GA DNR **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
1/1/2025	8.6	4.8	3.6	3.5	2.9	2.7	2.5	2.5	2.8	3.2	3.2	3.3	3.5	4.3	4.3	4.0	3.5	3.4	5.1	6.0	5.1	4.7	5.5	4.7	4.1	24
1/2/2025	4.2	4.7	5.0	4.6	4.7	5.1	5.6	7.0	7.7	9.1	7.7	8.3	7.1	5.9	5.4	5.4	5.4	6.1	8.4	12.8	15.1	19.5	22.2	19.4	8.6	24
1/3/2025	18.1	19.1	19.5							20.3	12.5	9.6	10.1	7.5	7.5	8.5	7.9	8.4	9.6	9.1	9.1	8.7	8.3	7.1	11.2	18
1/4/2025	5.9	5.1	4.5	4.5	4.7	4.9	4.6	4.6	4.7	4.7	4.7	5.0	5.1	5.6	5.6	5.7	5.7	7.6	8.5	6.4	6.3	5.7	6.5	7.3	5.6	24
1/5/2025	11.1	12.6							13.1	7.7	7.0	7.0	7.3	6.6	6.7	6.6	5.4	4.8	4.9	4.9	3.7	4.9	3.4	2.8	6.7	18
1/6/2025	3.2	3.5	3.4	2.8	2.7	2.6	3.1	3.3	2.7	3.4	2.8	3.0	3.8	4.6	2.1	2.6	3.7	3.4	2.6	2.3	2.0	2.0	2.7	4.4	3.0	24
1/7/2025	4.6	5.7	6.3	6.5	6.9	7.3	7.6	8.2	8.9	5.9	4.7	4.4	4.3	4.7	5.5	5.7	9.2	7.8	7.6	6.7	7.9	11.7	14.0		7.0	23
1/8/2025										15.3	14.3	11.7	10.3	9.8	9.5	9.0	11.3	12.7	9.5	18.2				10.5	11.9	12
1/9/2025	8.5	7.4	8.3	8.0	8.4	9.2	9.5	10.4		10.9	10.1	10.4	9.2	8.5	10.2	10.2	9.3	10.5	11.8	14.7	17.1			18.6	10.5	21
1/10/2025	16.7	16.3	14.5	13.6	13.9	12.6	10.6	9.8	10.7	13.5	10.9	9.9	8.9	8.1	8.0	6.7	6.9	7.4	7.0	10.3	12.3	15.0	15.1	12.9	11.3	24
1/11/2025	12.4	4.7	2.7	2.2	3.4	4.3	5.2	6.3	5.4	4.7	4.4	4.3	3.8	3.8	3.8	4.2	3.8	4.0	4.2	7.2	8.5	9.2	8.8	10.0	5.5	24
1/12/2025	9.8	10.3								14.4	14.8	12.5	13.1	12.2	9.0	9.0	8.8	9.4	11.1	14.7	18.2	18.3	19.2	21.2	13.3	17
1/13/2025		24.3	19.1	18.5	21.1	21.2	16.9	16.8	17.1	12.6	9.8	9.2	9.8	9.7	8.1	7.9	8.0	6.0	5.9	6.8	8.1	7.6	8.2	8.8	12.2	23
1/14/2025	7.2	8.0	9.6	7.9	8.3	9.9	10.9	10.9	10.2	10.9	11.0	9.2	8.3	7.1	6.4	6.5	6.5	6.8	8.4	9.6	7.6	10.3	12.3	8.8	8.9	24
1/15/2025	7.0	6.5	6.7	6.2	5.0	4.9	5.2	5.6	6.7	6.4	6.1	5.6	5.4	5.3	5.2	5.3	5.5	6.5	6.2	7.0	7.5	9.5	18.1		6.7	23
1/16/2025			27.7	23.9	21.1	26.4	25.6	23.3	17.7	10.7	9.4	7.6	7.4	9.4	7.4	7.3	7.9	7.8	9.2	8.2	8.4	9.0	7.3	8.0	13.2	22
1/17/2025	9.1	10.1	10.8	11.9	12.0	12.1	12.2	14.4	15.0	11.7	10.3	7.3	7.9	6.8	6.6	6.0	5.7	6.8	10.7	12.2	15.0	20.1	16.8	14.8	11.1	24
1/18/2025	18.2	17.8	18.2	15.1	15.7	10.5	7.0	3.9	4.0	6.6	7.5	10.3	11.8	11.3	12.7	15.5	12.4	11.4	11.4	9.8	9.2	8.9	11.4	10.1	11.3	24
1/19/2025	9.2	7.0	3.3	2.1	1.8	0.6	0.1	0.2	0.4	0.9	1.7	2.4	2.7	3.0	5.2	6.3	6.2	5.7	6.1	5.5	3.7	3.3	3.7	4.5	3.6	24
1/20/2025	5.9		6.1								7.2	6.4	6.5	6.5	6.4	6.3	5.9	6.4	10.4	8.8	9.9	11.2	10.5		7.6	15
1/21/2025	9.5	7.7	8.9	9.0	7.5	8.1	8.6	8.1	7.0	6.9	8.9	10.2	12.7	22.5	9.8	8.5	7.7	8.4				8.8	7.6	7.2	9.2	21
1/22/2025	6.1	4.5	4.1	4.6	5.6	5.5	4.9	4.8	5.1	5.9	7.4	7.7	6.7	6.2	6.1	5.9	6.1	5.7	6.8	7.0	7.7				5.9	21
1/23/2025					11.9	11.5	11.6	12.0		11.0	9.6	9.8	10.0	9.1	8.9	8.9	8.4	10.2	11.8	15.1	14.6	12.6	14.6		11.2	18
1/24/2025										15.7	16.1	15.7	13.9	13.8	12.5	9.0	8.3	8.8	8.9	10.5					12.1	11
1/25/2025										20.1	24.8	19.4	8.5	7.4	6.7	6.8	6.4	5.9	6.4	8.3	9.2		8.6	10.1	10.6	14
1/26/2025										11.4	8.9	7.4	6.9	7.1	7.9	7.3	6.9	6.8	6.6	10.6	10.2	9.0	8.3	9.6	8.3	15
1/27/2025	10.3		13.0	10.1	9.9	10.2	11.2	13.3	14.6	13.8	13.3	14.8	14.9	13.6	13.9	12.9	8.5	6.1	7.6	7.5	7.9	6.6	6.3	5.9	10.7	23
1/28/2025	7.9	3.6	4.4	5.3	5.7	8.2	9.5	10.2	7.6	6.3	5.7	5.4	5.4	5.2	5.5	5.8	6.1	6.4	6.2	6.4	6.2	6.1	6.6	7.2	6.4	24
1/29/2025	7.6	8.3	7.0	7.3	7.1	7.5	7.9	8.2	8.7	8.0	8.1	8.0	6.9	7.0	7.7	7.1	6.7	8.1	17.3	18.6	15.7	13.7	11.3	10.6	9.4	24
1/30/2025	12.8	13.0	13.2	14.8	15.5	15.1	16.8	26.2	18.0	14.5	9.1	8.2	8.4	7.9	6.6	6.0	6.7	6.7	6.3	5.5	5.1	6.1	8.5	8.8	10.8	24
1/31/2025	9.6	8.3	7.3	7.0	8.1	8.5	9.1	10.2	11.7	9.9	9.9	9.3	9.8	10.2	10.6	10.0	9.3	8.2	8.0	7.7	7.9	8.1	9.5	6.4	8.9	24
avg	9.3	9.3	9.5	8.6	8.9	9.1	9.0	9.6	9.1	9.9	9.9	9.1	8.5	8.1	8.1	7.5	7.3	7.1	7.2	8.1	9.3	9.3	9.6	10.2	9.6	8.9	
min	3.2	3.5	2.7	2.1	1.8	0.6	0.1	0.2	0.4	0.9	1.7	2.4	2.7	3.0	2.1	2.6	3.5	3.4	2.6	2.3	2.0	2.0	2.7	2.8	3.0	
max	18.2	24.3	27.7	23.9	21.1	26.4	25.6	26.2	18.0	20.3	24.8	19.4	14.9	22.5	13.9	15.5	12.4	12.7	17.3	18.6	18.2	20.1	22.2	21.2	13.3	651

Saroad Table - Hourly PM2.5 Data
January 2025

Location: West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
1/1/2025	10.7	5.9	3.7	3.1	2.9	2.8	2.7	2.8	3.3	3.8	3.8	3.6	3.8	4.0	3.9	4.0	4.2	6.3	10.9	7.8	9.9	5.4	5.1	4.2	4.9	24
1/2/2025	4.3	4.7	5.1	6.0	5.8	5.3	6.0	6.4	8.2	9.7	7.3	8.6	6.9	6.0	5.6	5.5	5.5	6.2	10.1	21.4	16.8	14.9	19.1	21.9	9.1	24
1/3/2025	27.6	25.9	23.0	22.6	25.6	21.9	22.0	20.6	21.1	19.0	12.4	10.3	11.0	8.1	8.2	8.5	8.2	8.2	9.2	10.9	9.9	8.9	13.7	7.6	15.2	24
1/4/2025	6.1	5.4	4.9	4.6	5.1	4.9	4.8	4.9	5.9	4.9	5.7	5.8	5.6	5.9	5.7	5.9	6.6	7.5	7.5	8.1	8.1	6.9	9.7	11.9	6.4	24
1/5/2025	16.2	16.3	16.0	19.8	17.0	14.9	15.9	17.0	27.6	8.1	7.2	6.3	6.7	7.5	6.9	7.2	5.9	5.1	6.2	5.5	7.9	12.5	4.1	3.8	10.9	24
1/6/2025	5.8	3.5	3.1	2.9	2.7	2.9	3.3	3.0	2.9	2.8	2.4	2.9	3.5	2.5	1.5	2.4	3.4	3.4	2.8	2.4	2.1	1.1	0.9	4.1	2.9	24
1/7/2025	4.0	5.7	6.4	7.0	7.1	7.5	9.0	9.0	8.6	4.5	3.9	4.9	4.7	5.1	6.5	6.3	9.8	8.5	6.7	9.0	10.4	12.0	14.9	17.2	7.9	24
1/8/2025	17.6	17.3	17.3	15.8	18.1	16.8	16.6	15.7	18.3	16.8	15.2	11.7	10.1	9.8	9.7	9.0	11.3	14.6	9.8	21.3	54.0	24.2	15.9	11.8	16.6	24
1/9/2025	9.4	8.3	8.5	8.9	9.3	9.8	10.1	11.0	12.8	11.9	10.3	10.7	9.4	8.9	9.7	10.2	9.4	10.6	16.1	21.6	25.5	17.5	16.9	14.5	12.1	24
1/10/2025	48.8	24.5	19.7	16.4	13.7	12.1	9.7	9.8	9.8	9.4	10.4	11.2	7.6	8.4	8.2	6.6	6.7	6.9	7.5	9.8	13.2	14.1	11.0	12.5	12.8	24
1/11/2025	10.7	4.3	2.7	1.9	3.3	4.1	5.1	5.8	5.4	4.4	4.2	4.3	3.8	3.7	3.8	4.3	4.3	5.0	8.6	9.7	8.5	8.9	8.9	10.0	5.7	24
1/12/2025	10.3	10.5	12.3	12.9	14.1	13.3	11.7	15.8	14.0	18.8	20.8	15.7	14.0	12.8	9.8	9.4	9.6	10.0	13.2	15.1	18.4	21.0	26.2	21.9	14.7	24
1/13/2025	55.9	20.2	18.1	18.0	19.4	21.7	17.9	15.9	16.7	13.1	10.7	9.5	10.1	9.3	8.1	8.0	8.8	7.1	6.4	8.3	8.4	8.2	8.5	8.6	14.0	24
1/14/2025	7.3	7.8	9.4	8.5	8.7	9.7	10.8	10.7	10.9	12.3	12.3	10.2	9.4	7.9	6.9	6.7	6.4	7.2	8.1	10.2	10.5	12.4	14.0	9.6	9.5	24
1/15/2025	7.2	6.7	6.7	6.4	5.1	5.1	5.5	5.7	7.0	7.5	7.6	6.6	5.8	5.5	5.4	5.6	8.7	9.1	7.7	8.4	8.3	12.2	18.7	27.2	8.3	24
1/16/2025	74.4	59.5	45.9	23.1	21.9	25.9	26.9	23.9	18.8	10.9	9.9	8.3	8.6	11.1	7.8	7.5	7.8	7.9	9.5	9.0	11.9	11.4	8.8	9.9	19.2	24
1/17/2025	10.6	10.6	11.1	12.0	12.5	12.3	12.7	14.3	15.3	12.9	10.9	7.7	7.4	7.2	7.0	6.2	6.3	8.1	9.8	12.4	15.2	15.9	13.1	15.1	11.1	24
1/18/2025	16.3	20.8	23.0	17.4	12.0	10.2	6.2	4.3	4.3	9.3	15.4	13.3	14.9	11.7	10.7	14.5	13.2	10.8	11.8	10.1	9.7	10.1	11.2	10.8	12.2	24
1/19/2025	9.5	6.7	3.2	2.3	2.1	0.8	0.2	0.3	0.6	0.9	1.7	2.9	2.8	3.3	5.5	6.2	6.3	5.7	6.1	5.8	3.7	3.3	3.7	4.4	3.7	24
1/20/2025	5.2	6.2	6.4	6.2	6.9	7.1	7.0	8.3	10.8	9.5	7.7	6.7	6.9	7.3	6.9	7.0	6.5	6.1	6.4	6.1	8.7	10.4	9.0	8.3	7.4	24
1/21/2025	7.6	7.9	7.9	8.0	7.7	7.5	7.9	7.7	6.9	7.1	8.3	8.6	11.0	25.2	12.0	8.0	7.6	9.0	8.7	8.5	10.2	11.1	9.0	7.5	9.2	24
1/22/2025	5.4	5.0	4.8	4.6	4.6	4.5	4.5	5.5	5.8	6.9	7.4	7.5	7.2	6.7	6.8	6.5	6.0	6.2	6.5	7.1	6.6	7.4	8.9	9.2	6.3	24
1/23/2025	9.2	9.6	9.9	11.9	11.4	11.1	10.6	12.1	13.0	11.6	10.1	10.5	10.8	10.5	9.9	9.9	9.5	11.4	13.3	18.3	19.8	21.9	14.8	18.1	12.5	24
1/24/2025	19.9	22.1	15.6	15.7	15.0	14.0	14.2	14.1	14.3	16.9	16.5	16.2	14.3	14.2	13.2	9.3	8.5	9.0	11.6	13.8	15.7	13.2	18.2	19.6	14.8	24
1/25/2025	20.1	19.4	19.9	20.6	26.5	18.9	17.4	22.1	22.3	21.8	24.3	20.7	9.4	7.7	7.0	7.1	6.7	6.4	7.8	10.5	12.2	13.4	14.7	18.4	15.6	24
1/26/2025	20.6	16.1	17.2	17.9	20.9	20.2	18.6	18.5	19.3	13.4	9.8	7.9	7.2	7.7	8.3	7.7	7.4	7.5	9.7	10.5	12.7	13.4	15.8	16.0	13.5	24
1/27/2025	16.6	16.6	14.2	11.3	10.8	11.1	11.4	14.1	14.6	13.3	12.7	13.8	15.9	14.9	15.2	13.7	9.0	7.2	9.2	9.4	8.8	6.7	5.8	5.7	11.7	24
1/28/2025	5.5	3.5	4.8	5.2	5.6	8.2	9.6	9.6	7.6	6.3	5.7	5.6	5.5	5.4	5.6	6.0	6.2	6.4	6.7	7.1	7.8	9.9	9.4	8.3	6.7	24
1/29/2025	8.5	11.2	9.6	9.3	8.2	20.6	16.9	18.3	10.4	9.0	8.2	7.9	6.9	6.9	7.7	7.0	6.8	8.1	20.6	21.8	18.0	14.9	11.7	12.8	11.7	24
1/30/2025	16.4	18.0	13.6	15.5	16.7	16.2	19.3	22.2	18.6	12.6	9.3	8.6	8.5	8.5	7.1	6.8	7.1	7.0	6.2	6.0	6.2	6.8	7.6	9.7	11.4	24
1/31/2025	13.7	12.6	7.7	6.9	7.8	8.3	8.6	10.4	11.9	11.3	10.7	10.1	10.6	10.9	11.3	10.6	9.6	8.2	7.9	8.1	8.2	8.5	9.8	6.7	9.6	24
avg	16.2	13.3	12.0	11.1	11.2	11.3	11.1	11.6	11.8	10.3	9.8	9.0	8.4	8.5	7.8	7.5	7.5	7.8	9.1	10.8	12.5	11.6	11.6	11.9	10.6	
min	4.0	3.5	2.7	1.9	2.1	0.8	0.2	0.3	0.6	0.9	1.7	2.9	2.8	2.5	1.5	2.4	3.4	3.4	2.8	2.4	2.1	1.1	0.9	3.8	2.9	
max	74.4	59.5	45.9	23.1	26.5	25.9	26.9	23.9	27.6	21.8	24.3	20.7	15.9	25.2	15.2	14.5	13.2	14.6	20.6	21.8	54.0	24.2	26.2	27.2	19.2	744

Saroad Table - Hourly PM2.5 Data
January 2025

Location: Brickyard **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
1/1/2025	9.5	4.7	3.4	2.9	2.6	2.6	2.6	2.6	3.0	2.9	2.8	2.8	3.2	3.3	4.0	3.9	3.8	3.8	3.7	4.8	4.8	5.2	4.3	3.9	3.8	24
1/2/2025	4.2	4.3	7.9	6.5	6.9	5.2	5.6	6.1	7.4	6.9	5.4	7.2	6.3	5.4	5.1	5.1	5.4	6.0	6.1	8.5	10.5	12.5	12.8	13.4	7.1	24
1/3/2025	18.5	20.1	20.4	22.5	22.1	20.3	20.5	22.1	21.6	17.0	10.9	9.3	9.8	7.1	6.9	7.5	7.5	7.4	7.5	9.0	8.9	8.0	7.5	6.4	13.3	24
1/4/2025	5.2	4.9	4.4	4.4	4.6	4.6	4.9	4.9	4.6	4.4	4.6	4.6	4.8	5.1	5.3	5.3	5.4	5.5	4.8	7.9	8.5	7.9	10.1	17.0	6.0	24
1/5/2025	18.1	17.4	16.5	16.7	17.4	14.8	13.3	15.7	12.3	7.0	5.6	5.5	5.9	7.0	6.5	6.2	5.1	4.6	4.5	4.3	4.0	4.0	3.4	2.5	9.1	24
1/6/2025	2.5	2.3	2.2	2.2	2.1	2.4	2.8	2.6	2.2	2.0	1.9	2.3	2.9	2.2	1.4	2.4	3.6	3.3	2.7	2.4	2.1	1.9	2.1	3.4	2.4	24
1/7/2025	3.9	4.9	5.7	6.1	6.3	6.6	7.9	8.4	6.7	4.8	4.0	4.0	4.0	4.3	6.0	5.5	8.5	8.6	17.8	6.0	6.5	9.8	10.4	12.5	7.1	24
1/8/2025	13.9	13.5	13.0	12.4	13.0	15.2	15.6	17.5	16.5	16.2	14.6	10.1	8.8	8.8	8.7	8.3	10.2	11.7	8.4	21.3	52.3	22.9	12.8	10.2	14.8	24
1/9/2025	7.4	6.7	6.5	7.0	7.6	8.7	9.1	10.1	10.8	9.4	8.5	9.1	8.3	7.8	8.5	9.3	8.8	9.5	10.6	12.3	14.1	16.8	14.3	9.1	9.6	24
1/10/2025	10.2	13.3	13.4	13.4	11.8	10.7	8.1	9.1	9.2	8.6	10.8	10.6	7.2	8.3	7.8	8.3	5.9	6.3	8.9	8.1	10.0	11.4	9.9	11.9	9.7	24
1/11/2025	10.2	3.8	2.5	1.5	2.7	3.3	4.0	4.9	4.2	3.6	3.4	3.1	3.0	3.2	3.3	3.4	3.9	4.1	4.8	5.9	7.9	8.4	7.8	9.1	4.7	24
1/12/2025	9.2	9.6	10.6	11.9	13.0	10.8	11.0	11.7	13.1	17.9	20.4	17.6	12.5	12.2	10.4	8.7	8.5	8.8	9.3	11.9	17.4	23.5	20.4	19.3	13.3	24
1/13/2025	18.0	17.5	18.4	18.1	18.0	18.4	18.1	14.6	15.4	11.4	10.9	9.0	9.6	9.2	7.4	7.5	7.6	5.5	5.4	6.4	7.6	8.0	7.8	7.3	11.5	24
1/14/2025	6.1	7.3	8.5	7.2	7.6	8.8	9.5	9.5	9.1	10.5	9.5	8.3	7.7	7.1	6.3	6.1	6.0	6.5	6.0	7.7	8.4	10.2	13.9	8.7	8.2	24
1/15/2025	6.7	6.0	6.0	5.7	4.8	4.7	5.0	5.7	6.1	5.8	5.9	5.6	5.0	4.9	5.3	5.2	5.3	6.0	5.7	5.6	12.5	17.1	22.9	27.1	8.0	24
1/16/2025	51.7	53.3	43.5	26.2	22.8	23.7	22.1	21.8	15.2	9.2	8.5	7.2	6.3	8.4	7.2	6.6	6.9	7.3	8.0	7.6	6.8	8.6	7.5	8.7	16.5	24
1/17/2025	8.8	9.2	10.7	10.8	11.0	11.3	12.1	11.3	12.9	11.4	9.6	6.6	6.6	6.5	6.2	5.6	5.9	7.3	7.9	10.3	12.6	12.9	10.7	13.7	9.7	24
1/18/2025	15.0	15.5	16.3	14.2	11.6	8.4	4.5	3.7	5.5	5.8	7.4	10.6	13.8	9.6	9.6	13.6	13.0	10.3	11.7	10.9	9.2	9.3	10.9	10.3	10.4	24
1/19/2025	8.9	6.4	2.6	2.3	1.7	0.5	0.0	0.0	0.2	0.5	1.3	2.4	2.4	2.5	4.2	5.0	5.3	5.0	5.4	5.2	3.4	3.0	3.3	3.9	3.1	24
1/20/2025	4.4	5.0	4.9	5.2	5.7	5.9	5.7	5.8	6.7	6.4	5.6	5.5	6.0	6.2	6.4	6.4	6.1	5.8	6.4	6.4	6.4	10.3	8.0	7.0	6.2	24
1/21/2025	6.7	6.8	6.7	6.6	6.2	6.1	6.4	6.3	5.7	5.6	6.9	7.4	8.3	22.6	11.4	6.3	5.7	5.9	6.7	5.3	6.0	6.8	6.7	6.0	7.3	24
1/22/2025	4.2	4.0	3.9	3.5	3.6	3.4	3.2	4.1	4.6	5.0	5.6	5.8	5.6	5.5	5.5	5.5	5.5	5.0	4.9	5.2	5.2	5.7	6.9	7.9	5.0	24
1/23/2025	7.9	8.9	8.2	10.0	9.6	9.6	9.9	9.0	8.6	8.7	8.4	8.7	8.8	8.8	8.3	9.0	8.2	9.0	11.3	11.0	19.5	11.9	12.1	12.2	9.9	24
1/24/2025	13.8	21.7	20.1	18.0	14.1	12.7	12.2	13.5	13.2	15.2	15.3	15.3	13.1	12.6	11.3	8.1	7.2	7.8	6.8	6.7	9.6	18.1	23.3	23.6	13.9	24
1/25/2025	22.5	20.5	20.1	19.5	19.3	18.0	26.5	22.8	21.9	20.9	21.8	15.3	8.6	7.0	6.5	6.5	6.1	5.8	5.4	6.9	11.8	14.3	15.0	14.7	14.9	24
1/26/2025	18.5	23.0	40.6	23.6	20.1	18.9	22.1	19.7	17.7	15.4	8.8	7.1	6.5	6.7	6.8	6.9	6.7	6.9	5.7	7.1	8.2	9.7	10.3	14.1	13.8	24
1/27/2025	22.0	21.0	18.3	10.4	9.5	9.1	9.2	9.7	11.3	10.7	11.5	11.8	14.5	13.0	13.5	11.9	7.6	6.9	7.7	8.3	8.1	6.3	5.6	5.2	11.0	24
1/28/2025	4.3	3.9	3.7	5.2	5.7	7.1	8.4	8.2	6.3	5.0	5.4	4.7	5.0	5.0	5.3	5.4	5.6	5.9	5.9	-	-	-	-	-	5.6	19
1/29/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1/30/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1/31/2025	-	-	-	-	-	-	-	-	-	-	-	-	9.6	9.6	10.0	9.3	8.8	7.4	7.4	7.5	7.8	7.9	-	-	8.5	10
avg	11.9	12.0	12.1	10.5	10.1	9.7	10.0	10.1	9.7	8.9	8.4	7.8	7.4	7.6	7.1	6.9	6.7	6.7	7.2	7.9	10.4	10.4	10.4	10.7	9.1	
min	2.5	2.3	2.2	1.5	1.7	0.5	0.0	0.0	0.2	0.5	1.3	2.3	2.4	2.2	1.4	2.4	3.6	3.3	2.7	2.4	2.1	1.9	2.1	2.5	2.4	
max	51.7	53.3	43.5	26.2	22.8	23.7	26.5	22.8	21.9	20.9	21.8	17.6	14.5	22.6	13.5	13.6	13.0	11.7	17.8	21.3	52.3	23.5	23.3	27.1	16.5	677

Saroad Table - Hourly PM2.5 Data
January 2025

Location: Ocean Terminal **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
1/1/2025	8.5	4.6	3.0	2.7	2.4	2.5	2.4	2.6	3.0	2.7	2.3	2.3	2.9	3.0	3.2	3.1	3.5	3.5	4.5	5.2	6.3	4.6	3.9	3.6	3.6	24
1/2/2025	3.3	3.7	3.6	2.7	2.8	4.3	4.2	4.4	4.2	3.6	5.1	6.8	8.5	5.6	5.2	5.4	5.2	6.0	11.7	12.3		9.2	11.7	15.7	6.3	23
1/3/2025	23.2	24.9			25.3	24.4	24.1	24.4	24.5	21.4	13.0	10.9	9.8	6.8	6.8	8.5	7.6	8.1	8.9	9.9	9.6	8.3	8.7	7.3	14.4	22
1/4/2025	5.8	4.9	4.3	4.3	4.7	4.6	4.8	5.6	4.9	4.2	4.3	4.2	4.6	4.7	5.0	5.1	5.2	5.5	6.8	7.5	10.5	10.6	11.8	16.6	6.3	24
1/5/2025	16.8	14.5	13.7	13.6	14.4	16.0	11.8	9.5	8.8	9.0	5.6	5.5	5.7	7.1	6.5	5.5	5.1	5.6	5.1	5.2	3.9	3.1	3.3	3.0	8.3	24
1/6/2025	2.6	2.2	2.1	1.9	2.1	2.4	2.8	2.8	2.5	2.4	2.4	2.7	3.3	2.6	1.8	2.3	3.5	3.3	2.5		1.9	1.8	2.3	4.9	2.6	23
1/7/2025	4.6	5.5	5.4	6.1	6.1	8.2	5.4	4.9	5.4	4.3	3.5	3.4	3.2	3.3	5.4	5.0	7.8	6.9	6.6	6.6	5.4	9.4	11.2	11.8	6.1	24
1/8/2025	15.5	14.7	15.3	19.0	19.2	19.6	18.0	19.8	20.4	21.8		12.8	10.5	9.9	9.0	9.3	10.7	13.7	9.6	22.5			15.1	9.8	15.1	21
1/9/2025	9.3	7.9								8.8	7.9	8.1	8.7	7.7	8.9	10.4	8.6	10.0	12.1	15.8	9.9	8.3	8.3	9.9	9.4	17
1/10/2025	14.8	15.8	16.5	14.3	14.3	11.3	9.3	9.2	8.7	8.5	10.4	9.1	7.1	7.5	7.1	5.8	5.4	5.9	7.1	9.5	11.1	10.3	9.8	16.0	10.2	24
1/11/2025	12.4	4.5	2.6	2.0	2.6	2.9	4.3	5.2	4.5	3.8	3.5	3.4	2.6	2.8	2.9	3.5	3.9	4.3	5.1	7.8	8.0	8.0	7.4		4.7	23
1/12/2025	11.3	12.7	14.4	16.3			10.4	13.0	16.7		12.7	21.3	14.4	11.8	12.7	9.8	10.3	10.6	14.4	17.2	19.1	22.2	20.6	20.0	14.9	21
1/13/2025	27.1	19.2	21.3	20.8	20.5	22.5	19.4	18.2	20.8	15.3	12.7	10.8		10.6	7.5	7.5	9.5	6.0	7.3	8.1	9.0	9.3	9.3	9.4	14.0	23
1/14/2025	8.3	9.0	9.7	8.9	10.8	12.1			10.2	10.5	6.7	6.2	6.6	7.0	6.5	6.8	6.4	6.6	8.1	9.5	9.1	14.4	14.9	9.8	9.0	22
1/15/2025	7.3	6.5	5.7	5.7	4.6	5.2	5.7	6.5	9.7	7.4	6.2	4.6	4.7	5.4	5.5	5.5	5.4	5.2	5.8	7.0	13.6	28.3	46.8		9.1	23
1/16/2025		45.7	24.6	22.9	23.7	42.4	26.9	23.2	16.0	10.6	9.6	7.8	6.8	9.0	7.4	7.4	7.6	7.9	9.1	8.5	10.5	10.4	8.4	9.8	15.5	23
1/17/2025	10.4	10.3	11.0	12.0	12.3	12.7	13.5	13.9	17.3	15.2	8.7	6.7	6.6	7.0	5.8	5.8	6.0	8.1	10.0	12.2	12.8	14.6	14.6	13.9	10.9	24
1/18/2025	14.2	14.3	13.8	13.4	12.3	11.4	5.1	3.8	4.7	8.4	7.1	7.7	10.5	9.8	12.7	14.8	14.6	13.0	15.3	14.1	12.1	12.8	13.1	13.0	11.3	24
1/19/2025	11.8	7.7	3.2	2.9	1.7	0.4	0.0	0.0	0.3	0.8	1.7	3.2	2.8	3.4	4.6	5.2	5.4	5.0	5.3	4.6	3.4	3.0	3.7	4.2	3.5	24
1/20/2025	5.0	6.0	6.3	6.5	7.7	7.5	7.2		7.7	6.9	4.6	5.3	5.6	5.8	6.6	6.1	5.6	4.5	3.9	4.0	4.2	5.3	7.1	5.7	5.9	23
1/21/2025	4.9	6.7	6.7	6.5	6.7	6.4	6.3	6.4	5.4	5.4	6.7	7.7	9.9		11.7	5.6	4.9	7.3	7.3	6.4	8.6	8.3	6.0	5.4	6.8	23
1/22/2025	3.9	4.6	3.7	3.7	3.5	3.3	3.0	3.2	4.3	4.7	5.8	6.0	4.8	4.7	4.9	5.0	5.2	5.1	4.6	5.2	5.2	5.8	6.9	7.6	4.8	24
1/23/2025	8.4	7.1	8.2	6.7	5.9	8.4	9.2	7.5	7.9	6.5	7.7	7.5	7.6	8.4	7.2	8.3	6.8	8.3	10.7	16.5	14.5	12.1	10.2	17.3	9.1	24
1/24/2025	18.8	18.5	16.0	17.8	18.3	17.4	17.8	17.0	17.7		17.1	18.5		14.2		7.8	7.0	7.9	7.3	12.3	17.0	21.8	27.7	20.7	16.1	21
1/25/2025	17.9	17.3	16.6	15.7	17.5	18.3	19.5	23.8	23.3			23.7	10.3	7.2	6.9	6.9	6.8	8.7	13.1	15.8	12.7	15.6	11.9	10.4	14.5	22
1/26/2025	12.8	14.3	13.4	15.0	18.5	18.5	17.3	18.8	17.8	16.2	10.9	7.3	6.8	6.7	7.2	7.3	7.2	7.3	9.0	10.8	12.0	12.0	13.2	14.1	12.3	24
1/27/2025	16.6	13.6	10.0	9.6	10.2	11.6	12.6	13.5	14.5	13.2	11.5	10.2	14.9	16.2	16.3	14.9	10.8	9.3	10.1	10.7	9.7	8.0	6.5	6.1	11.7	24
1/28/2025	4.9	3.9	5.2	5.5	6.3	8.0	10.5	10.6	8.7	6.6	5.3	5.1	5.2	5.1	5.3	5.8	6.3	6.4	6.6	6.9	7.1	8.6	8.9	8.6	6.7	24
1/29/2025	8.7	7.6	7.4	7.7	7.6	7.8	8.2	8.1	9.4	8.0	7.1	7.5	-	-	-	-	-	-	-	-	-	-	-	-	7.9	12
1/30/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1/31/2025	-	-	-	-	-	-	-	-	-	-	11.0	10.5	11.1	11.2	12.2	10.9	10.2	8.8	8.8	8.6	-	-	-	-	10.3	10
avg	11.0	11.3	9.8	9.8	10.4	11.5	10.4	10.6	10.7	8.7	7.5	8.2	7.2	7.3	7.2	7.1	7.0	7.2	8.2	10.0	9.5	10.6	11.5	10.6	9.4	
min	2.6	2.2	2.1	1.9	1.7	0.4	0.0	0.0	0.3	0.8	1.7	2.3	2.6	2.6	1.8	2.3	3.5	3.3	2.5	4.0	1.9	1.8	2.3	3.0	2.6	
max	27.1	45.7	24.6	22.9	25.3	42.4	26.9	24.4	24.5	21.8	17.1	23.7	14.9	16.2	16.3	14.9	14.6	13.7	15.3	22.5	19.1	28.3	46.8	20.7	16.1	664

Saroad Table - Hourly PM2.5 Data
January 2025

Location: Cockspur Island **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
1/1/2025	11.6	7.2	3.6	2.3	1.8	1.7	1.7	2.0	2.2	2.5	2.5	2.5	2.7	3.1	3.0	2.7	2.6	2.1	2.1	4.0	3.2	3.7	2.9	2.8	3.2	24
1/2/2025	3.1	3.4	3.4	3.8	4.3	4.6	4.1	4.2	4.1	3.7	4.1	4.7	5.1	5.4	5.5	4.8	4.6	4.0	3.5	3.5	5.1	9.9	13.3	12.5	5.2	24
1/3/2025	12.4	11.8	15.1	16.6	19.8	24.1	24.6	26.1	22.9	19.0	9.1	8.0	8.7	9.3	7.4	8.1	8.1	7.7	8.1	11.3	10.9	8.6	8.6	6.1	13.0	24
1/4/2025	4.6	3.7	3.6	3.7	3.4	3.6	4.0	3.8	4.0	4.0	3.5	3.8	4.2	4.5	4.4	4.2	4.2	4.2	3.9	4.3	5.4	6.5	13.8	16.1	5.0	24
1/5/2025	15.9	16.8	12.4	9.2	8.1	8.2	7.3	6.5	6.1	5.3	4.9	5.4	4.7	4.7	4.4	3.7	3.1	2.5	2.3	2.0	1.9	1.7	1.6	0.9	5.8	24
1/6/2025	1.2	1.4	1.3	1.0	1.2	1.8	2.3	2.9	3.0	3.2	3.0	3.0	4.0	4.7	2.4	1.7	2.4	2.9	2.2	1.8	1.4	1.4	1.5	2.9	2.3	24
1/7/2025	3.3	4.7	5.5	5.6	5.9	5.3	4.3	3.9	5.5	4.3	3.1	2.8	3.3	3.6	3.9	3.9	3.7	3.6	3.0	3.0	5.8	6.7	5.2	7.5	4.5	24
1/8/2025	8.3	7.5	8.1	8.4	11.1	11.3	10.5	12.2	12.5	12.8	12.9	12.1	10.9	9.2	9.4	8.6	8.3	9.8	10.9	52.5	99.2	47.7	16.7	11.7	17.6	24
1/9/2025	7.7	6.7	6.3	6.4	6.7	7.3	6.1	5.6	7.2	7.9	7.2	6.4	9.0	8.2	7.6	7.6	10.4	9.9	8.6	11.2	8.2	8.7	10.7	14.1	8.1	24
1/10/2025	15.2	11.3	6.2	4.9	5.4	5.1	4.7	4.8	4.7	5.0	5.1	5.0	5.1	5.7	4.6	3.6	3.2	2.7	2.9	6.1	5.8	8.8	9.1	9.7	6.0	24
1/11/2025	5.7	3.8	3.7	1.1	2.6	4.0	5.1	7.6	6.9	7.0	4.2	4.2	3.3	3.5	3.9	3.6	3.5	3.7	3.8	5.7	6.1	7.2	7.9	8.3	4.8	24
1/12/2025	9.1	9.8	9.9	9.8	9.9	6.5	8.5	11.0	11.0	10.1	8.2	7.6	5.7	5.7	4.5	4.4	4.1	4.4	4.5	4.5	4.5	9.4	13.1	13.9	7.9	24
1/13/2025	13.5	12.6	11.7	14.3	17.4	20.7	25.1	19.7	16.5	22.9	18.6	8.6	12.3	13.6	10.5	11.9	6.4	4.4	3.8	4.6	5.8	8.6	9.2	10.9	12.7	24
1/14/2025	10.0	8.0	9.2	8.7	8.2	9.1	9.1	8.8	8.3	8.0	7.1	6.2	6.7	6.8	6.2	5.5	4.8	4.4	4.8	6.9	8.0	9.3	9.6	11.0	7.7	24
1/15/2025	8.4	6.5	6.3	5.4	4.1	3.6	3.4	3.8	4.3	4.7	4.5	4.1	4.4	4.5	4.6	4.2	4.1	3.8	3.6	3.3	3.2	2.7	2.8	8.3	4.5	24
1/16/2025	16.7	48.9	44.4	19.9	15.6	14.5	17.5	18.0	11.7	12.1	12.8	7.6	6.2	5.5	11.1	8.4	5.5	6.0	6.1	6.2	7.9	7.1	6.0	6.9	13.4	24
1/17/2025	8.8	10.1	9.7	10.2	10.2	12.6	14.6	13.4	13.4	10.9	8.9	9.7	8.3	7.2	6.8	6.9	7.0	7.0	7.2	8.2	8.7	9.2	5.6	4.5	9.1	24
1/18/2025	4.0	3.4	3.3	3.5	3.1	2.8	2.5	2.4	2.2	2.6	4.1	3.4	6.6	6.9	6.7	6.6	6.5	6.0	6.0	5.7	5.7	5.7	7.2	8.9	4.8	24
1/19/2025	7.9	6.9	3.9	3.2	2.3	1.4	0.6	0.5	1.0	0.2	0.3	0.6	1.1	1.5	1.8	5.5	5.8	5.2	5.6	5.4	3.5	3.2	3.4	3.9	3.1	24
1/20/2025	3.8	4.2	4.5	5.0	5.1	5.4	5.7	5.5	5.9	6.4	5.5	4.9	6.0	6.1	5.8	5.6	5.1	4.6	4.7	4.9	5.2	7.3	8.0	5.6	5.5	24
1/21/2025	4.1	3.8	3.4	3.1	3.9	3.7	4.2	4.7	5.8	5.2	5.5	4.9	5.2	6.0	6.5			4.0	6.5					9.9	5.0	18
1/22/2025	9.4	9.5		6.5	5.3	4.0	3.9	5.2	6.3	6.2	7.1	7.0	6.6	5.6	4.4	4.5	4.4	4.0	4.1	4.1	4.2	4.2	4.3	4.2	5.4	23
1/23/2025	4.2	4.8	5.1	5.7	6.2	6.1	7.2	7.1	7.7	8.3	7.4	6.5	6.4	6.1	5.7	6.6	7.1	5.9	7.9	8.0	7.6	8.6	9.6	10.5	6.9	24
1/24/2025	12.8	11.8	13.6	12.6	12.5	13.4	10.7	12.6	12.3	11.7	11.7	12.2	11.4	12.4	15.0	13.3	7.1	5.7	5.7	5.4	7.2	9.5	19.4	18.8	11.6	24
1/25/2025	12.6	10.9	9.6	9.0	8.7	10.1	12.0	15.0	21.2	24.1	16.0	11.6	7.5	6.3	5.9	5.2	5.0	4.3	3.8	4.0	3.7	3.9	4.3	6.5	9.2	24
1/26/2025	6.9	9.7	13.7	10.9	8.4	12.3	15.3	16.6	17.1	17.3	17.9	15.4	7.0	6.8	6.3	6.5	5.9	5.3	5.5	5.7	4.8	4.6	4.7	4.9	9.6	24
1/27/2025	5.3	6.1	6.7	6.0	6.6	7.6	8.6	9.6	9.7	6.8	6.5	11.7	14.7	12.7	12.7	12.3	11.8	11.6	11.7	10.6	7.8	7.6	8.2	7.3	9.2	24
1/28/2025	3.7	5.0	3.6	3.2	6.0	7.7	10.3	9.2	7.2	10.6	4.9	4.5	4.6	4.4	4.6	4.6	5.4	5.6	6.2	6.3	5.7	5.8	5.5	6.5	5.9	24
1/29/2025	7.6	6.9	6.8	6.8	6.6	6.6	6.8	6.9	7.0	7.4	8.3	7.2	6.2	5.9	7.0	6.5	8.4	8.0	9.4	12.3	10.8	9.2	8.6	10.3	7.8	24
1/30/2025	10.4	12.1	13.0	14.1	18.4	20.6	19.8	18.3	14.6	11.0	9.0	8.6	9.6	10.1	9.5	8.1	6.7	5.6	4.5	3.6	3.2	3.2	2.8	2.7	10.0	24
1/31/2025	4.1	4.4	5.4	6.5	7.4	8.8	10.4	9.5	12.2	10.0	8.8	9.0	9.9	10.3	8.9	8.0	6.6	6.6	6.8	6.9	7.6	8.9	9.8	9.3	8.2	24
avg	8.1	8.8	8.4	7.3	7.6	8.2	8.7	8.9	8.8	8.7	7.5	6.8	6.7	6.7	6.5	6.2	5.7	5.3	5.5	7.4	8.9	8.0	7.8	8.3	7.5	
min	1.2	1.4	1.3	1.0	1.2	1.4	0.6	0.5	1.0	0.2	0.3	0.6	1.1	1.5	1.8	1.7	2.4	2.1	2.1	1.8	1.4	1.4	1.5	0.9	2.3	
max	16.7	48.9	44.4	19.9	19.8	24.1	25.1	26.1	22.9	24.1	18.6	15.4	14.7	13.6	15.0	13.3	11.8	11.6	11.7	52.5	99.2	47.7	19.4	18.8	17.6	737

Saroad Table - Hourly PM2.5 Data
January 2025

Location: Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
1/1/2025	9.7	4.7	3.5	2.9	2.8	2.8	2.7	2.8	3.3	4.1	4.0	3.9	4.1	3.9	3.6	3.7	3.6	3.8	6.2	5.4	5.8	5.2	4.5	4.5	4.2	24
1/2/2025	4.3	4.6	4.9	5.5	5.3	5.3	6.0	6.8	8.1	10.1	7.7	8.6	6.7	6.1	5.5	5.4	5.4	6.3	9.2	11.8	15.7	18.3	24.8		8.4	23
1/3/2025		19.7								20.3	12.8	9.8	9.9	7.5	7.4	8.4	8.0	8.1	9.4	9.4	9.2	8.4	8.4	7.7	10.3	16
1/4/2025	6.2	5.3	4.8	4.5	4.9		4.9	4.7	5.6	5.1	5.3	5.3	5.5	5.5	5.4	5.6	5.5	5.6	7.6	9.0	7.5	7.1	7.8	9.5	6.0	23
1/5/2025	12.1	12.9	12.7	13.9	15.5	16.0	18.6	16.0	14.7	10.2	7.4	7.0	7.3	6.8	6.6	6.9	5.9	5.1	5.2	5.2	5.0	5.1	4.2	3.3	9.3	24
1/6/2025	2.9	2.8	2.7	2.5	2.6	2.9	3.5	3.7	3.2	3.3	3.3	3.8	4.2	3.9	2.5	2.9	3.7	3.6	3.1	2.7	2.4	2.5	3.3	4.7	3.2	24
1/7/2025	5.1	6.8	7.1	7.8	7.7	8.2	8.5	9.7	9.7	7.6	6.6	5.6	5.5	5.4	6.4	6.0	10.0	8.3	7.3	7.2	7.8	11.4	15.8	14.6	8.2	24
1/8/2025	15.0	17.4	15.4	16.6	18.0	18.4	16.7	17.4		16.0	14.5	11.8	11.4	9.9	9.5	9.0	11.3	13.3	12.0	16.8		22.4	15.8	12.1	14.6	22
1/9/2025	10.1	9.0	8.7	9.2	10.1	10.3	11.0	12.1	13.2	12.6	10.9	10.8	9.1	8.8	10.3	10.2	9.6	10.5	12.7	15.6	19.2				11.1	21
1/10/2025	16.5	17.1	15.4	14.6	14.7	12.4	10.7	9.8	9.9	13.3	9.8	9.8	8.2	7.7	8.2	6.3	7.4	7.9	7.4	11.1	12.7	16.1	16.3	13.7	11.5	24
1/11/2025	12.8	5.2	3.1	2.6	3.8	4.6	5.7	7.0	5.8	4.9	4.6	5.1	4.0	4.0	4.0	4.4	4.2	4.2	4.7	7.1	8.5	8.7	9.3	10.5	5.8	24
1/12/2025	10.7	11.6	13.3	14.0	14.8	15.2	14.9	14.8	14.8	15.7	15.4	12.8	14.2	13.5	9.4	9.0	9.5	10.0	13.2	15.0	18.6	20.4	22.2		14.0	23
1/13/2025			20.0	18.8	20.9	21.5	17.3	18.1	21.4	14.7	10.8	10.1	10.9	10.0	7.7	8.0	7.9	6.2	6.3	7.6	8.6	8.3	9.2	9.4	12.4	22
1/14/2025	8.3	8.8	10.3	8.9	9.6	10.4	11.4	11.4	11.0	11.9	11.9	10.6	9.8	7.9	7.0	6.4	6.3	6.3	7.5	9.8	8.7	11.0	13.6	8.9	9.5	24
1/15/2025	7.0	6.5	6.7	6.4	5.3	4.8	5.3	6.2	7.5	6.7	6.9	6.2	5.7	5.6	5.2	5.3	5.4	5.7	8.9	8.1	9.1	11.2	19.4		7.2	23
1/16/2025					21.5				19.2	11.0	9.7	7.9	7.8	9.5	7.4	7.3	7.7	7.8	9.8	8.7	8.6	9.6	7.7	8.1	10.0	17
1/17/2025	9.3	10.1	10.6	11.8	12.6	12.4	12.9	14.0	15.9	11.6	11.4	7.3	7.7	7.1	6.5	5.8	6.0	7.5	10.0	19.8		17.6	15.1	14.5	11.2	23
1/18/2025	17.2	15.7	17.8	15.2	15.2	10.6	7.3	4.4	3.9	7.1	7.6	11.3	12.2	10.9	14.2	16.6	13.2	11.5	11.8	10.0	9.5	9.7	11.7	10.8	11.5	24
1/19/2025	9.8	7.1	3.7	2.5	2.3	1.3	0.8	0.9	1.0	1.3	2.2	2.9	3.1	3.4	5.5	6.5	6.2	5.8	6.2	5.8	3.8	3.5	4.0	4.6	3.9	24
1/20/2025	5.4	6.2	6.5	6.3	6.9	7.2	7.2	7.1	7.3	8.3	7.4	6.9	6.8	6.8	6.3	6.6	6.1	5.9	7.5	7.0	9.4	12.5	10.7	11.4	7.5	24
1/21/2025	14.0	12.5	15.2	13.6	7.8	11.2	11.7	12.7	13.4	12.4	12.2	12.4	15.6		11.9	10.4	10.5	10.8	11.6	8.8	9.9	11.2	10.7	10.0	11.8	23
1/22/2025	11.5	11.3	11.1	10.2	10.1	8.7	8.4	7.8	9.8	9.2	9.7	9.0	8.7	7.9	6.9	6.5	6.5	5.9	6.6	7.2	8.6	9.5	10.6	13.2	8.9	24
1/23/2025	14.3	14.4	16.4	14.0	14.1	14.3	14.8	12.3	12.5	12.1	10.5	10.4	10.3	9.7	9.6	9.3	8.7	10.4	12.2	16.1	18.2	14.0	14.8		12.8	23
1/24/2025	17.8	19.4	16.5	16.5	15.6	14.5	14.9	15.2	14.3	16.3	15.9	15.6	13.7	13.7	12.7	8.8	8.3	8.4	10.4	12.0	16.7	16.5	15.9	19.3	14.5	24
1/25/2025										20.7	22.4	19.7	8.4	7.5	6.6	6.5	6.4	8.4	14.0	22.6	14.2	11.7	10.9	17.1	13.1	15
1/26/2025	17.8	13.5	13.0	12.8	13.5	14.0	18.4	18.2	17.7	12.7	9.1	7.7	7.1	7.2	7.4	7.3	6.9	6.9	7.4	10.7	10.8	10.1	10.5	11.2	11.3	24
1/27/2025	13.7	14.1	14.3	10.7	10.6	11.2	13.3	14.7	16.0	13.0	14.1	14.4	14.9	13.3	14.6	13.9	9.2	7.1	8.7	8.4	8.5	7.0	6.5	5.8	11.6	24
1/28/2025	5.6	4.0	5.1	6.2	6.3	8.7	10.6	11.6	8.6	7.3	6.7	6.0	5.9	5.7	5.6	5.9	6.3	6.5	7.1	6.6	6.8	6.8	9.3	7.7	7.0	24
1/29/2025	7.9	9.6	7.4	7.6	7.5	7.9	8.4	8.9	9.3	8.6	8.3	8.4	7.1	6.9	7.8	7.1	6.9	7.6	16.7	18.0	15.5	14.3	12.4	10.7	9.6	24
1/30/2025	13.0	12.6	13.2	16.9	15.9	16.6	20.6		21.9	13.7	8.5	8.2	8.1	8.0	6.6	5.8	6.4	7.7	7.1	6.9	7.9	8.2	8.8	8.6	10.9	23
1/31/2025	10.5	13.7	9.8	7.4	8.5	9.2	10.4	12.0	13.1	11.8	11.2	10.1	10.3	10.6	10.9	10.7	10.1	8.7	8.5	8.5	8.5	8.8	10.0	6.9	10.0	24
avg	10.7	10.6	10.3	10.0	10.5	10.4	10.6	10.4	11.1	10.8	9.6	9.0	8.5	7.8	7.7	7.5	7.4	7.5	8.9	10.3	10.2	10.9	11.5	10.0	9.7	
min	2.9	2.8	2.7	2.5	2.3	1.3	0.8	0.9	1.0	1.3	2.2	2.9	3.1	3.4	2.5	2.9	3.6	3.6	3.1	2.7	2.4	2.5	3.3	3.3	3.2	
max	17.8	19.7	20.0	18.8	21.5	21.5	20.6	18.2	21.9	20.7	22.4	19.7	15.6	13.7	14.6	16.6	13.2	13.3	16.7	22.6	19.2	22.4	24.8	19.3	14.6	705

Saroad Table - Hourly PM2.5 Data
January 2025

Location: Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
1/1/2025	7.15	3.39	2.68	2.23	2.06	2.06	1.97	1.97	2.33	2.85	2.88	3.02	3.36	3.45	3.62	3.48	3.46	2.95	2.68	3.15	3.98	3.88	2.96	2.92	3.10	24
1/2/2025	3.05	3.22	3.50	3.67	3.97	4.07	4.44	4.28	5.23	6.58	6.90	6.05	5.78	5.21	5.38	4.95	4.83	4.63	4.44	5.78	7.06	10.34	13.45	15.04	5.91	24
1/3/2025	15.96	16.26	18.15	17.39	18.01	18.06	17.96	17.28	16.27	15.71	11.16	8.44	8.52	6.65	6.37	7.90	6.88	7.30	8.24	7.48	7.56	6.94	6.83	6.00	11.55	24
1/4/2025	4.80	4.25	3.88	3.90	4.09	4.20	3.94	3.71	4.04	4.31	4.41	4.53	4.79	5.07	5.10	5.19	5.15	4.71	4.42	12.13	5.20	4.67	7.83	10.20	5.19	24
1/5/2025	11.61	11.68	12.30	10.27	9.98	10.19	11.04	11.54	11.28	8.21	5.97	6.89	6.28	5.71	6.77	6.74	5.93	4.67	4.18	4.34	3.98	3.60	3.50	3.19	7.49	24
1/6/2025	3.72	5.03	3.05	2.86	2.15	2.23	2.11	2.15	1.72	1.72	1.85	2.41	3.33	1.65	0.75	1.89	3.00	2.66	2.16	1.81	1.55	1.47	2.02	3.84	2.38	24
1/7/2025	4.33	5.21	6.01	6.29	6.36	6.53	6.76	6.91	6.95	5.92	4.39	4.21	4.29	4.55	4.72	5.26	6.21	5.16	4.21	3.73	4.55	4.99	10.50	10.86	5.79	24
1/8/2025	9.72	10.19	10.62	10.68	11.87	12.91	13.43	13.28	12.96	12.95	12.07	10.88	10.46	9.13	7.95	8.21	11.61	12.69	8.13	12.29	22.19	16.59	12.33	9.88	11.79	24
1/9/2025	8.25	7.25	7.03	7.41	7.95	8.48	8.92	9.35	10.16	10.73	10.31	9.56	8.43	7.72	10.22	8.27	8.31	8.78	11.72	16.47	13.40	11.91	11.60	18.10	10.01	24
1/10/2025	17.64	15.59	14.52	14.55	15.10	13.11	12.03	10.59	10.59	9.83	12.07	9.59	9.22	7.92	7.64	7.21	9.54	8.81	9.61	11.13	10.75	11.91	14.57	16.04	11.65	24
1/11/2025	12.80	4.36	1.81	1.67	2.73	3.44	4.06	4.98	4.29	3.52	3.73	3.17	2.61	2.92	2.78	3.18	3.49	3.10	3.72	4.38	5.79	6.97	7.76	8.70	4.42	24
1/12/2025	8.34	9.83	10.63	10.97	11.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.25	5
1/13/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1/14/2025	-	-	-	-	-	-	-	-	-	-	-	-	6.98	6.25	5.97	5.90	5.71	5.16	4.91	5.60	5.61	5.23	6.02	8.43	5.98	12
1/15/2025	6.40	5.86	6.01	5.41	4.21	3.99	3.87	3.58	4.03	4.91	6.05	4.87	4.86	5.10	4.83	4.98	5.02	4.61	4.06	6.02	8.66	10.91	24.33	79.62	9.26	24
1/16/2025	97.28	64.23	24.54	21.30	20.34	27.08	41.68	41.34	47.72	17.54	9.79	8.06	7.36	7.00	6.04	6.34	6.82	6.37	6.74	11.46	8.37	7.87	6.97	7.91	--	24
1/17/2025	9.66	11.43	11.48	11.03	10.75	10.39	10.62	11.36	11.64	10.30	8.89	6.89	6.25	6.89	6.61	6.08	5.82	6.73	8.17	7.03	8.04	14.71	20.00	15.91	--	24
1/18/2025	16.24	14.80	13.50	15.24	15.74	19.59	8.89	3.71	3.85	3.82	5.65	8.00	9.61	9.76	14.93	11.74	8.91	7.94	8.12	7.49	7.20	7.48	8.83	8.62	--	24
1/19/2025	7.88	6.16	2.58	1.47	0.60	0.24	0.00	0.00	-0.01	0.65	1.64	1.64	1.76	2.29	4.47	5.45	5.43	4.88	5.14	4.62	2.85	2.63	3.03	4.07	--	24
1/20/2025	4.53	5.26	5.21	5.45	5.57	5.59	5.68	5.82	5.73	6.28	6.12	6.22	5.87	5.78	5.92	5.59	5.49	4.78	3.97	4.06	4.41	5.23	7.19	7.45	5.55	24
1/21/2025	8.26	6.85	6.91	6.91	7.31	7.18	7.10	6.54	6.26	6.07	5.88	6.76	8.20	10.54	7.64	6.93	6.69	7.14	6.95	6.69	7.40	8.78	6.51	5.19	7.11	24
1/22/2025	4.88	3.92	4.08	3.61	3.77	3.78	4.35	4.84	5.44	6.30	6.32	6.48	6.29	6.27	6.08	5.80	5.68	5.61	5.46	5.03	5.95	6.82	8.01	7.55	5.51	24
1/23/2025	7.60	9.54	13.68	8.62	8.62	9.35	9.49	9.78	9.78	9.69	10.64	9.70	9.16	8.66	8.19	7.83	7.79	9.11	10.11	8.76	7.86	11.61	11.50	10.34	9.48	24
1/24/2025	14.26	11.14	12.88	19.25	12.88	12.03	11.96	10.85	11.43	13.38	13.84	13.29	12.40	12.87	11.04	7.40	7.09	7.02	5.72	6.00	6.49	16.20	16.84	22.17	--	24
1/25/2025	20.90	17.38	14.06	13.33	13.36	13.52	13.57	14.04	16.46	18.64	16.57	13.06	6.77	6.66	6.25	6.16	6.13	5.58	5.11	5.15	6.09	6.34	6.43	6.51	--	24
1/26/2025	9.24	11.82	12.48			14.07	11.47	11.11	11.32	10.01	8.56	6.70	6.37	6.58	6.63	6.53	6.42	5.99	6.33	8.01	6.65	8.21	9.18	8.38	--	22
1/27/2025	8.64	16.24	18.96	9.88	8.52	8.11	7.87	8.75	12.01	11.33	13.37	11.85	12.09	9.61	10.77	11.00	8.61	6.46	6.73	6.69	5.62	5.04	5.02	5.47	--	24
1/28/2025	4.15	1.93	2.54	3.61	4.46	7.25	7.58	7.65	6.33	5.05	4.68	4.54	5.15	5.04	5.12	5.59	5.87	5.80	5.70	6.09	5.53	5.28	5.99	6.46	5.31	24
1/29/2025	7.00	6.63	6.44	6.51	6.55	6.62	6.74	6.76	7.48	7.11	6.88	6.83	6.12	5.86	7.00	6.01	5.74	5.82	9.12	16.37	12.51	12.14	11.12	10.10	7.89	24
1/30/2025	10.14	10.80	11.84	12.64	13.16	14.63	15.01	15.27	16.40	11.55	8.37	7.62	8.07	8.46	6.81	6.43	7.75	8.46	8.77	6.31	6.31	5.98	8.93	6.71	9.85	24
1/31/2025	5.38	6.00	6.47	6.30	6.60	6.96	7.48	9.13	9.44	10.61	9.13	8.52	8.86	9.85	10.19	9.49	9.02	7.24	6.64	6.43	6.69	7.23	8.46	4.08	7.76	24
avg	12.06	10.56	9.24	8.66	8.51	9.13	9.29	9.16	9.68	8.41	7.79	7.13	6.87	6.67	6.75	6.47	6.50	6.21	6.25	7.26	7.18	7.96	9.23	11.37	7.42	
min	3.05	1.93	1.81	1.47	0.60	0.24	0.00	0.00	-0.01	0.65	1.64	1.64	1.76	1.65	0.75	1.89	3.00	2.66	2.16	1.81	1.55	1.47	2.02	2.92	2.38	
max	97.28	64.23	24.54	21.30	20.34	27.08	41.68	41.34	47.72	18.64	16.57	13.29	12.40	12.87	14.93	11.74	11.61	12.69	11.72	16.47	22.19	16.59	24.33	79.62	11.79	687

Saroad Table - Hourly PM2.5 Data
January 2025

Location: Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
1/1/2025	7.15	3.39	2.68	2.23	2.06	2.06	1.97	1.97	2.33	2.85	2.88	3.02	3.36	3.45	3.62	3.48	3.46	2.95	2.68	3.15	3.98	3.88	2.96	2.92	3.10	24
1/2/2025	3.05	3.22	3.50	3.67	3.97	4.07	4.44	4.28	5.23	6.58	6.90	6.05	5.78	5.21	5.38	4.95	4.83	4.63	4.44	5.78	7.06	10.34	13.45	15.04	5.91	24
1/3/2025	15.96	16.26	18.15	17.39	18.01	18.06	17.96	17.28	16.27	15.71	11.16	8.44	8.52	6.65	6.37	7.90	6.88	7.30	8.24	7.48	7.56	6.94	6.83	6.00	11.55	24
1/4/2025	4.80	4.25	3.88	3.90	4.09	4.20	3.94	3.71	4.04	4.31	4.41	4.53	4.79	5.07	5.10	5.19	5.15	4.71	4.42	12.13	5.20	4.67	7.83	10.20	5.19	24
1/5/2025	11.61	11.68	12.30	10.27	9.98	10.19	11.04	11.54	11.28	8.21	5.97	6.89	6.28	5.71	6.77	6.74	5.93	4.67	4.18	4.34	3.98	3.60	3.50	3.19	7.49	24
1/6/2025	3.72	5.03	3.05	2.86	2.15	2.23	2.11	2.15	1.72	1.72	1.85	2.41	3.33	1.65	0.75	1.89	3.00	2.66	2.16	1.81	1.55	1.47	2.02	3.84	2.38	24
1/7/2025	4.33	5.21	6.01	6.29	6.36	6.53	6.76	6.91	6.95	5.92	4.39	4.21	4.29	4.55	4.72	5.26	6.21	5.16	4.21	3.73	4.55	4.99	10.50	10.86	5.79	24
1/8/2025	9.72	10.19	10.62	10.68	11.87	12.91	13.43	13.28	12.96	12.95	12.07	10.88	10.46	9.13	7.95	8.21	11.61	12.69	8.13	12.29	22.19	16.59	12.33	9.88	11.79	24
1/9/2025	8.25	7.25	7.03	7.41	7.95	8.48	8.92	9.35	10.16	10.73	10.31	9.56	8.43	7.72	10.22	8.27	8.31	8.78	11.72	16.47	13.40	11.91	11.60	18.10	10.01	24
1/10/2025	17.64	15.59	14.52	14.55	15.10	13.11	12.03	10.59	10.59	9.83	12.07	9.59	9.22	7.92	7.64	7.21	9.54	8.81	9.61	11.13	10.75	11.91	14.57	16.04	11.65	24
1/11/2025	12.80	4.36	1.81	1.67	2.73	3.44	4.06	4.98	4.29	3.52	3.73	3.17	2.61	2.92	2.78	3.18	3.49	3.10	3.72	4.38	5.79	6.97	7.76	8.70	4.42	24
1/12/2025	8.34	9.83	10.63	10.97	11.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.25	5
1/13/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1/14/2025	-	-	-	-	-	-	-	-	-	-	-	-	6.98	6.25	5.97	5.90	5.71	5.16	4.91	5.60	5.61	5.23	6.02	8.43	5.98	12
1/15/2025	6.40	5.86	6.01	5.41	4.21	3.99	3.87	3.58	4.03	4.91	6.05	4.87	4.86	5.10	4.83	4.98	5.02	4.61	4.06	6.02	8.66	10.91	24.33	79.62	9.26	24
1/16/2025	97.28	64.23	24.54	21.30	20.34	27.08	41.68	41.34	47.72	17.54	9.79	8.06	7.36	7.00	6.04	6.34	6.82	6.37	6.74	11.46	8.37	7.87	6.97	7.91	21.26	24
1/17/2025	9.66	11.43	11.48	11.03	10.75	10.39	10.62	11.36	11.64	10.30	8.89	6.89	6.25	6.89	6.61	6.08	5.82	6.73	8.17	7.03	8.04	14.71	20.00	15.91	9.86	24
1/18/2025	16.24	14.80	13.50	15.24	15.74	19.59	8.89	3.71	3.85	3.82	5.65	8.00	9.61	9.76	14.93	11.74	8.91	7.94	8.12	7.49	7.20	7.48	8.83	8.62	9.99	24
1/19/2025	7.88	6.16	2.58	1.47	0.60	0.24	0.00	0.00	-0.01	0.65	1.64	1.64	1.76	2.29	4.47	5.45	5.43	4.88	5.14	4.62	2.85	2.63	3.03	4.07	2.89	24
1/20/2025	4.53	5.26	5.21	5.45	5.57	5.59	5.68	5.82	5.73	6.28	6.12	6.22	5.87	5.78	5.92	5.59	5.49	4.78	3.97	4.06	4.41	5.23	7.19	7.45	5.55	24
1/21/2025	8.26	6.85	6.91	6.91	7.31	7.18	7.10	6.54	6.26	6.07	5.88	6.76	8.20	10.54	7.64	6.93	6.69	7.14	6.95	6.69	7.40	8.78	6.51	5.19	7.11	24
1/22/2025	4.88	3.92	4.08	3.61	3.77	3.78	4.35	4.84	5.44	6.30	6.32	6.48	6.29	6.27	6.08	5.80	5.68	5.61	5.46	5.03	5.95	6.82	8.01	7.55	5.51	24
1/23/2025	7.60	9.54	13.68	8.62	8.62	9.35	9.49	9.78	9.78	9.69	10.64	9.70	9.16	8.66	8.19	7.83	7.79	9.11	10.11	8.76	7.86	11.61	11.50	10.34	9.48	24
1/24/2025	14.26	11.14	12.88	19.25	12.88	12.03	11.96	10.85	11.43	13.38	13.84	13.29	12.40	12.87	11.04	7.40	7.09	7.02	5.72	6.00	6.49	16.20	16.84	22.17	12.02	24
1/25/2025	20.90	17.38	14.06	13.33	13.36	13.52	13.57	14.04	16.46	18.64	16.57	13.06	6.77	6.66	6.25	6.16	6.13	5.58	5.11	5.15	6.09	6.34	6.43	6.51	10.75	24
1/26/2025	9.24	11.82	12.48			14.07	11.47	11.11	11.32	10.01	8.56	6.70	6.37	6.58	6.63	6.53	6.42	5.99	6.33	8.01	6.65	8.21	9.18	8.38	8.73	22
1/27/2025	8.64	16.24	18.96	9.88	8.52	8.11	7.87	8.75	12.01	11.33	13.37	11.85	12.09	9.61	10.77	11.00	8.61	6.46	6.73	6.69	5.62	5.04	5.02	5.47	9.53	24
1/28/2025	4.15	1.93	2.54	3.61	4.46	7.25	7.58	7.65	6.33	5.05	4.68	4.54	5.15	5.04	5.12	5.59	5.87	5.80	5.70	6.09	5.53	5.28	5.99	6.46	5.31	24
1/29/2025	7.00	6.63	6.44	6.51	6.55	6.62	6.74	6.76	7.48	7.11	6.88	6.83	6.12	5.86	7.00	6.01	5.74	5.82	9.12	16.37	12.51	12.14	11.12	10.10	7.89	24
1/30/2025	10.14	10.80	11.84	12.64	13.16	14.63	15.01	15.27	16.40	11.55	8.37	7.62	8.07	8.46	6.81	6.43	7.75	8.46	8.77	6.31	6.31	5.98	8.93	6.71	9.85	24
1/31/2025	5.38	6.00	6.47	6.30	6.60	6.96	7.48	9.13	9.44	10.61	9.13	8.52	8.86	9.85	10.19	9.49	9.02	7.24	6.64	6.43	6.69	7.23	8.46	4.08	7.76	24
avg	12.06	10.56	9.24	8.66	8.51	9.13	9.29	9.16	9.68	8.41	7.79	7.13	6.87	6.67	6.75	6.47	6.50	6.21	6.25	7.26	7.18	7.96	9.23	11.37	8.28	
min	3.05	1.93	1.81	1.47	0.60	0.24	0.00	0.00	-0.01	0.65	1.64	1.64	1.76	1.65	0.75	1.89	3.00	2.66	2.16	1.81	1.55	1.47	2.02	2.92	2.38	
max	97.28	64.23	24.54	21.30	20.34	27.08	41.68	41.34	47.72	18.64	16.57	13.29	12.40	12.87	14.93	11.74	11.61	12.69	11.72	16.47	22.19	16.59	24.33	79.62	21.26	687

Saroad Table - Hourly PM2.5 Data
January 2025

Location: Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
1/1/2025	7.15	3.39	2.68	2.23	2.06	2.06	1.97	1.97	2.33	2.85	2.88	3.02	3.36	3.45	3.62	3.48	3.46	2.95	2.68	3.15	3.98	3.88	2.96	2.92	3.10	24
1/2/2025	3.05	3.22	3.50	3.67	3.97	4.07	4.44	4.28	5.23	6.58	6.90	6.05	5.78	5.21	5.38	4.95	4.83	4.63	4.44	5.78	7.06	10.34	13.45	15.04	5.91	24
1/3/2025	15.96	16.26	18.15	17.39	18.01	18.06	17.96	17.28	16.27	15.71	11.16	8.44	8.52	6.65	6.37	7.90	6.88	7.30	8.24	7.48	7.56	6.94	6.83	6.00	--	24
1/4/2025	4.80	4.25	3.88	3.90	4.09	4.20	3.94	3.71	4.04	4.31	4.41	4.53	4.79	5.07	5.10	5.19	5.15	4.71	4.42	12.13	5.20	4.67	7.83	10.20	--	24
1/5/2025	11.61	11.68	12.30	10.27	9.98	10.19	11.04	11.54	11.28	8.21	5.97	6.89	6.28	5.71	6.77	6.74	5.93	4.67	4.18	4.34	3.98	3.60	3.50	3.19	--	24
1/6/2025	3.72	5.03	3.05	2.86	2.15	2.23	2.11	2.15	1.72	1.72	1.85	2.41	3.33	1.65	0.75	1.89	3.00	2.66	2.16	1.81	1.55	1.47	2.02	3.84	2.38	24
1/7/2025	4.33	5.21	6.01	6.29	6.36	6.53	6.76	6.91	6.95	5.92	4.39	4.21	4.29	4.55	4.72	5.26	6.21	5.16	4.21	3.73	4.55	4.99	10.50	10.86	5.79	24
1/8/2025	9.72	10.19	10.62	10.68	11.87	12.91	13.43	13.28	12.96	12.95	12.07	10.88	10.46	9.13	7.95	8.21	11.61	12.69	8.13	12.29	22.19	16.59	12.33	9.88	11.79	24
1/9/2025	8.25	7.25	7.03	7.41	7.95	8.48	8.92	9.35	10.16	10.73	10.31	9.56	8.43	7.72	10.22	8.27	8.31	8.78	11.72	16.47	13.40	11.91	11.60	18.10	10.01	24
1/10/2025	17.64	15.59	14.52	14.55	15.10	13.11	12.03	10.59	10.59	9.83	12.07	9.59	9.22	7.92	7.64	7.21	9.54	8.81	9.61	11.13	10.75	11.91	14.57	16.04	--	24
1/11/2025	12.80	4.36	1.81	1.67	2.73	3.44	4.06	4.98	4.29	3.52	3.73	3.17	2.61	2.92	2.78	3.18	3.49	3.10	3.72	4.38	5.79	6.97	7.76	8.70	--	24
1/12/2025	8.34	9.83	10.63	10.97	11.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.25	5
1/13/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
1/14/2025	-	-	-	-	-	-	-	-	-	-	-	-	6.98	6.25	5.97	5.90	5.71	5.16	4.91	5.60	5.61	5.23	6.02	8.43	5.98	12
1/15/2025	6.40	5.86	6.01	5.41	4.21	3.99	3.87	3.58	4.03	4.91	6.05	4.87	4.86	5.10	4.83	4.98	5.02	4.61	4.06	6.02	8.66	10.91	24.33	79.62	9.26	24
1/16/2025	97.28	64.23	24.54	21.30	20.34	27.08	41.68	41.34	47.72	17.54	9.79	8.06	7.36	7.00	6.04	6.34	6.82	6.37	6.74	11.46	8.37	7.87	6.97	7.91	21.26	24
1/17/2025	9.66	11.43	11.48	11.03	10.75	10.39	10.62	11.36	11.64	10.30	8.89	6.89	6.25	6.89	6.61	6.08	5.82	6.73	8.17	7.03	8.04	14.71	20.00	15.91	9.86	24
1/18/2025	16.24	14.80	13.50	15.24	15.74	19.59	8.89	3.71	3.85	3.82	5.65	8.00	9.61	9.76	14.93	11.74	8.91	7.94	8.12	7.49	7.20	7.48	8.83	8.62	9.99	24
1/19/2025	7.88	6.16	2.58	1.47	0.60	0.24	0.00	0.00	-0.01	0.65	1.64	1.64	1.76	2.29	4.47	5.45	5.43	4.88	5.14	4.62	2.85	2.63	3.03	4.07	--	24
1/20/2025	4.53	5.26	5.21	5.45	5.57	5.59	5.68	5.82	5.73	6.28	6.12	6.22	5.87	5.78	5.92	5.59	5.49	4.78	3.97	4.06	4.41	5.23	7.19	7.45	5.55	24
1/21/2025	8.26	6.85	6.91	6.91	7.31	7.18	7.10	6.54	6.26	6.07	5.88	6.76	8.20	10.54	7.64	6.93	6.69	7.14	6.95	6.69	7.40	8.78	6.51	5.19	7.11	24
1/22/2025	4.88	3.92	4.08	3.61	3.77	3.78	4.35	4.84	5.44	6.30	6.32	6.48	6.29	6.27	6.08	5.80	5.68	5.61	5.46	5.03	5.95	6.82	8.01	7.55	5.51	24
1/23/2025	7.60	9.54	13.68	8.62	8.62	9.35	9.49	9.78	9.78	9.69	10.64	9.70	9.16	8.66	8.19	7.83	7.79	9.11	10.11	8.76	7.86	11.61	11.50	10.34	9.48	24
1/24/2025	14.26	11.14	12.88	19.25	12.88	12.03	11.96	10.85	11.43	13.38	13.84	13.29	12.40	12.87	11.04	7.40	7.09	7.02	5.72	6.00	6.49	16.20	16.84	22.17	12.02	24
1/25/2025	20.90	17.38	14.06	13.33	13.36	13.52	13.57	14.04	16.46	18.64	16.57	13.06	6.77	6.66	6.25	6.16	6.13	5.58	5.11	5.15	6.09	6.34	6.43	6.51	10.75	24
1/26/2025	9.24	11.82	12.48			14.07	11.47	11.11	11.32	10.01	8.56	6.70	6.37	6.58	6.63	6.53	6.42	5.99	6.33	8.01	6.65	8.21	9.18	8.38	8.73	22
1/27/2025	8.64	16.24	18.96	9.88	8.52	8.11	7.87	8.75	12.01	11.33	13.37	11.85	12.09	9.61	10.77	11.00	8.61	6.46	6.73	6.69	5.62	5.04	5.02	5.47	9.53	24
1/28/2025	4.15	1.93	2.54	3.61	4.46	7.25	7.58	7.65	6.33	5.05	4.68	4.54	5.15	5.04	5.12	5.59	5.87	5.80	5.70	6.09	5.53	5.28	5.99	6.46	5.31	24
1/29/2025	7.00	6.63	6.44	6.51	6.55	6.62	6.74	6.76	7.48	7.11	6.88	6.83	6.12	5.86	7.00	6.01	5.74	5.82	9.12	16.37	12.51	12.14	11.12	10.10	7.89	24
1/30/2025	10.14	10.80	11.84	12.64	13.16	14.63	15.01	15.27	16.40	11.55	8.37	7.62	8.07	8.46	6.81	6.43	7.75	8.46	8.77	6.31	6.31	5.98	8.93	6.71	9.85	24
1/31/2025	5.38	6.00	6.47	6.30	6.60	6.96	7.48	9.13	9.44	10.61	9.13	8.52	8.86	9.85	10.19	9.49	9.02	7.24	6.64	6.43	6.69	7.23	8.46	4.08	7.76	24
avg	12.06	10.56	9.24	8.66	8.51	9.13	9.29	9.16	9.68	8.41	7.79	7.13	6.87	6.67	6.75	6.47	6.50	6.21	6.25	7.26	7.18	7.96	9.23	11.37	8.54	
min	3.05	1.93	1.81	1.47	0.60	0.24	0.00	0.00	-0.01	0.65	1.64	1.64	1.76	1.65	0.75	1.89	3.00	2.66	2.16	1.81	1.55	1.47	2.02	2.92	2.38	
max	97.28	64.23	24.54	21.30	20.34	27.08	41.68	41.34	47.72	18.64	16.57	13.29	12.40	12.87	14.93	11.74	11.61	12.69	11.72	16.47	22.19	16.59	24.33	79.62	21.26	687

Saroad Table - Hourly PM2.5 Data
February 2025

Location: Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
2/1/2025	0.1		1.0	1.3	1.5	1.6	1.7	1.8	2.2	3.4	3.9	4.5	4.9	5.2	5.2	5.9	5.8	5.3	5.2	6.3	5.1	5.2	7.7	7.3	4.0	23
2/2/2025	11.5	12.6	14.0	11.8	10.6	8.7	4.8	4.4	3.9	3.9	4.4	4.7	4.6	4.6	4.7	4.6	5.2	4.7	4.1	5.4	4.3	4.0	8.0	8.3	6.6	24
2/3/2025	6.3	4.7	4.8	3.7	4.0	4.0	4.6	6.2	6.5	11.9	20.4	15.3	7.7	7.3	7.4	7.3	7.0	7.2	7.7	6.1	4.4	3.2	2.5	2.4	6.8	24
2/4/2025	3.5	3.2	4.2	4.4	6.5	6.9	8.6	15.2	13.4	14.5	8.8	8.0	8.0	7.7	7.4	7.4	7.4	8.2	11.1	25.1	11.8	11.5	11.6	11.9	9.4	24
2/5/2025	13.1	16.9	20.2	21.4	23.0	24.1	23.9	39.5	41.3	23.2	19.4	13.9	11.3	10.1	9.0	9.4	9.7	10.3	11.2	12.6	17.1	22.0	23.4	46.2	19.7	24
2/6/2025	22.7	23.5	19.0	24.0	22.6	19.5	19.1	15.5	21.4	20.2	15.5	15.6	14.5	10.4	11.4	13.7	10.6	7.3	9.3	13.0	9.5	8.7	9.1	10.1	15.3	24
2/7/2025	12.6	15.1	13.2	10.6	8.7	7.9	11.8	9.7	7.4	8.0	7.7	7.4	7.5	7.1	8.4	9.7	7.0	6.9	7.3	7.8	7.9	8.3	9.2	10.2	9.1	24
2/8/2025	11.4	13.9	13.2	13.1	12.2	13.6	15.6	16.0	14.9	16.7	11.9	7.8	8.4	8.3	7.4	6.8	6.3	10.1	10.3	9.3	9.4	9.2	9.1	7.9	11.0	24
2/9/2025	9.0	10.8	9.4	8.7	7.5	6.7	6.1	6.6	6.8	6.3	5.6	5.7	5.8	6.3	6.7	7.0	7.5	7.5	8.8	8.6	8.9	9.7	10.8	12.6	7.9	24
2/10/2025	11.8	12.0	12.4	11.7	10.8	11.5	12.7	13.8	14.7	16.8	15.3	13.2	11.8	10.2	13.0	14.5	14.5	13.7	9.3	10.8	16.5	15.0	17.6	9.7	13.1	24
2/11/2025	4.5	3.9	5.3	5.5	5.0	4.9	5.7	6.0	6.1	8.7	8.4	8.3	8.6	8.0	8.1	8.3	8.1	9.9	10.3	10.8	10.8	10.4	12.4	15.5	8.1	24
2/12/2025	18.9	24.1	25.9	24.5	25.1	39.2	40.6	20.6	19.4	21.0	17.3	17.3	13.1	11.3	10.0	9.0	7.8	5.7	6.1	5.6	4.7	3.8	3.2	3.3	15.7	24
2/13/2025	4.0	5.2	5.9	6.1	5.9	5.2	3.8	4.6	4.9	4.2	4.6	1.0	1.8	2.6	2.8	5.6	3.4	1.8	2.6	2.6	2.3	1.5	1.5	1.4	3.6	24
2/14/2025	1.7	1.7	1.8	2.3	2.0	2.1	3.1	2.9	3.3	3.6	3.9	5.2	4.8	5.1	5.3	5.2	5.4	5.4	6.0	6.2	5.9	5.4	5.2	4.6	4.1	24
2/15/2025	4.5	4.6	4.9	4.8	4.3	4.3	4.6	4.9	5.4	6.4	4.9	5.6	4.8	3.3	3.2	2.9	2.8	3.6	3.7	1.5	0.9	0.3	0.7	0.9	3.7	24
2/16/2025	1.3	1.8	2.3	2.5	2.2	1.9	2.1	2.1	2.3	2.2	0.0	0.0	0.1	1.2	1.2	2.2	2.6	2.7	2.2	1.9	1.7	1.7	1.8	1.4	1.7	24
2/17/2025	1.4	1.5	1.8	3.1	6.1	9.1	10.3	10.4	10.6	11.1	10.6	10.3	10.2	9.6	8.9	8.8	7.9	7.3	6.6	6.8	8.1	11.0	13.3	14.0	8.3	24
2/18/2025	12.4	12.6	11.6	11.7	12.7	14.1	16.1	19.8	17.4	12.4	7.5	7.1	7.6	6.1	5.9	6.0	5.2	6.0	5.6	5.2	4.5	4.0	3.9	4.3	9.1	24
2/19/2025	4.6	3.6	3.6	4.5	3.5	3.6	4.3	5.5	5.9	5.8	5.0	5.1	6.8	4.5	4.7	5.8	8.7	6.8	4.8	1.7	1.9	0.4	0.1	0.6	4.2	24
2/20/2025	0.5	0.8	2.3	2.3	4.1	5.5	6.4	9.6	11.8	12.6	15.6	14.0	7.3	6.7	6.6	6.3	6.1	5.8	6.4	9.0	6.6	8.3	8.4	8.3	7.1	24
2/21/2025	6.7	6.3	6.2	6.9	7.4	7.4	7.3	6.9	6.2	5.9	5.7	5.6	5.6	5.2	5.0	4.7	4.4	4.8	4.3	3.9	4.0	4.4	4.3	4.2	5.5	24
2/22/2025	4.2	4.7	5.3	6.7	8.6	10.3	13.4	12.6	12.4	6.3	4.4	4.3	4.2	4.5	4.9	4.4	3.8	4.3	5.9	8.4	4.1	3.7	4.5	4.9	6.3	24
2/23/2025	4.5	6.0	11.1	13.4		12.0	13.4	14.0	17.3	19.2	16.8	20.9	18.9	16.5	13.6	12.7	15.8	14.2	13.2	13.7	13.1	13.0	13.4	13.6	13.9	23
2/24/2025	13.4	14.5	15.7	16.6	18.8	20.1	19.9	21.1	25.2	46.9	53.4	52.5	44.2	27.8	25.5	22.8	21.8	17.6	15.6	16.1	19.2	22.5	23.2	44.4	25.8	24
2/25/2025	59.0	54.5	24.6	23.1	22.8	26.1	25.7	22.6	24.2	25.2	19.4	18.0	12.9	11.2	9.7	13.3	12.4	10.7	9.6	12.3	17.5	21.3	25.9	41.5	22.6	24
2/26/2025	40.6	44.8	44.0	41.5	40.0	26.0	41.0	43.0	45.2	54.1	55.7	45.1	23.8	14.2	11.1	10.1	12.1	10.0	10.4	13.2	17.4	20.0	21.9	24.5	29.6	24
2/27/2025	25.4	25.9	26.2	40.7	42.3	43.2	42.6	49.2	26.3	21.9	20.3	16.6	13.1	13.7		18.6	13.1	10.0	10.1	9.0	12.1	14.1	14.0	12.0	22.6	23
2/28/2025	5.8	5.1	6.8	5.1	6.0	4.7	4.7	5.0	5.6	7.8	5.8	5.1	5.2	5.2	5.7	5.2	6.5	8.2	4.2	3.3	3.1	3.1	3.6	4.9	5.2	24
avg	11.3	12.4	11.3	11.9	12.0	12.3	13.4	13.9	13.6	14.3	13.3	12.1	9.9	8.4	7.9	8.5	8.2	7.7	7.6	8.4	8.3	8.8	9.6	11.8	10.7	
min	0.1	0.8	1.0	1.3	1.5	1.6	1.7	1.8	2.2	2.2	0.0	0.0	0.1	1.2	1.2	2.2	2.6	1.8	2.2	1.5	0.9	0.3	0.1	0.6	1.7	
max	59.0	54.5	44.0	41.5	42.3	43.2	42.6	49.2	45.2	54.1	55.7	52.5	44.2	27.8	25.5	22.8	21.8	17.6	15.6	25.1	19.2	22.5	25.9	46.2	29.6	669

Saroad Table - Hourly PM2.5 Data
February 2025

Location: Carver Village **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
2/1/2025	0.3	1.1	1.4	1.8	1.9	2.0	2.0	2.8	3.3	3.4	4.4	4.9	5.6	5.8	5.8	6.7	5.7	5.5	5.7	6.5	7.0	5.5	9.0	6.7	4.4	24
2/2/2025	6.9	11.1	10.3	19.0	13.3	10.0	5.5	10.6	5.8	4.5	4.8	4.5	4.5	4.6	4.4	4.8	4.7	5.1	6.3	3.8	4.4	5.2	4.6	4.0	6.8	24
2/3/2025	4.2	4.2	4.3	6.6	8.3	12.3	18.0	6.7	10.9	20.0	10.8	4.8	7.3	7.2	7.0	7.0	6.8	6.6	7.3	4.8	4.4	5.0	4.9	4.8	7.7	24
2/4/2025	6.1	4.9	4.5	6.9	8.5	8.1	10.1	14.7	17.2	17.9	12.5	8.9	8.9	8.7	9.0	9.4	8.7	8.5	9.6	12.0	14.2	16.9	19.8	20.5	11.1	24
2/5/2025	21.8	23.1	25.4	25.3	40.1	41.3	42.1	43.7	49.3	42.1	25.1	16.8	12.2	11.8	10.9	10.1	10.8	11.2	13.4	17.8	20.1	25.5	39.6	25.7	25.2	24
2/6/2025	22.5	24.3	41.8		15.7	11.7	12.1	14.0	19.8	20.1	18.3	18.0	16.9	11.5	10.0	14.0	9.4	7.5	8.4	9.6	9.8	10.4	15.1	17.3	15.6	23
2/7/2025	20.8	17.8	16.1	14.3	12.1	10.1	10.4	11.7	10.8	10.5	9.0	8.6	8.9	8.9	8.2	7.9	7.4	8.9	7.7	9.7	10.6	9.4	11.6	12.5	11.0	24
2/8/2025	13.2	15.8	17.7	17.5	18.0	18.9	19.5	20.4	17.5	19.7	14.5	9.1	9.3	9.3	8.9	9.8	11.1	12.1	14.2	12.4	10.7	9.2	8.9	8.1	13.6	24
2/9/2025	9.6	11.0	10.6	9.7	8.5	8.0	7.6	7.4	8.0	7.5	6.3	6.4	6.5	7.0	7.4	7.5	8.0	8.3	8.8	12.3	17.6	14.7	12.7	12.7	9.3	24
2/10/2025	12.9	13.2	12.2	13.1	12.5	12.5	13.5	15.1	17.0	19.3	17.0	14.8	12.6	11.7	15.6	17.1	14.8	25.2	24.0	49.0	45.0	20.0	19.8	5.5	18.1	24
2/11/2025	4.8	5.0	6.6	8.0	7.0	6.6	6.7	7.5	7.5	7.4	9.4	9.7	9.4	10.4	9.9	11.1	10.8	11.8	13.7	12.8	14.1	15.3	21.0	20.8	10.3	24
2/12/2025	24.2	23.3	39.1	48.0	43.9	42.2	44.2	24.0	22.5	22.2	17.3	11.4	12.3	12.0	10.3	8.3	8.6	5.6	6.4	6.0	4.8	4.1	4.0	4.4	18.7	24
2/13/2025	5.1	6.0	6.7	7.2	7.0	5.8	4.8	4.7	5.1	5.6	5.9	1.2	2.9	3.4	3.3	4.2	6.4	3.3	3.0	3.8	3.6	1.8	1.8	1.9	4.4	24
2/14/2025	2.1	2.9	3.5	3.5	3.1	3.2	2.6	2.8	3.2	3.6	4.1	4.5	5.0	5.2	5.4	5.2	5.5	5.4	5.5	7.2	8.2	6.1	6.2	6.3	4.6	24
2/15/2025	6.0	5.4	5.6	5.9	5.9	5.8	5.4	6.1	7.4	5.9	4.8	4.9	4.8	4.9	4.7	4.1	4.3	5.2	4.8	2.0	1.4	1.3	1.6	1.8	4.6	24
2/16/2025	2.4	3.2	3.7	3.5	3.1	2.8	3.0	3.3	3.4	3.3	0.2	0.5	1.4	1.1	1.6	2.6	2.9	2.7	2.5	2.1	1.9	1.8	2.0	1.8	2.4	24
2/17/2025	1.6	1.9	2.3	3.8	6.6	9.9	12.0	12.9	13.0	13.4	12.8	13.0	12.7	12.0	11.3	9.9	9.1	8.3	9.1	13.7	15.2	14.4	14.9	17.0	10.5	24
2/18/2025	18.1	18.2	18.8	18.1	19.4	21.6	22.5	43.0	23.0	13.4	8.1	7.5	6.9	6.2	5.8	5.4	5.2	5.6	5.4	4.7	4.4	4.5	3.6	4.3	12.2	24
2/19/2025	5.2	6.1	4.7	8.9	4.4	5.3	5.5	5.3	5.3	7.8	9.1	6.5	7.0	6.8	6.5	6.8	9.2	8.4	6.8	4.0	2.1	0.8	0.7	1.0	5.6	24
2/20/2025	1.0	1.8	3.6	3.3	5.2	6.9	8.2	11.2	12.3	13.4	18.8	18.3	8.9	7.6	7.2	7.0	6.7	6.5	7.3	8.3	8.0	10.2	10.5	10.1	8.4	24
2/21/2025	7.6	7.5	7.9	8.4	9.2	9.2	8.6	8.1	7.0	6.6	6.4	6.3	6.6	5.9	5.5	5.3	5.8	7.1	5.4	4.2	5.4	6.1	12.8	14.1	7.4	24
2/22/2025	13.2	12.1	12.6	16.4	17.0	15.4	17.7	15.5	8.8	5.4	4.8	4.4	4.3	4.2	4.7	4.1	3.8	3.3	3.6	4.6	8.8	11.1	13.3	22.9	9.7	24
2/23/2025	15.8	11.9	15.0	17.2	17.6	19.2	20.7	23.7	24.3	25.2	22.1	27.0	25.8	21.6	17.9	49.0	28.7	15.4	15.0	15.5	14.8	14.6	14.4	15.2	20.3	24
2/24/2025	15.6	16.6	19.3	20.3	20.9	22.7	24.8		47.3	52.4	61.5	69.1	49.0	45.0	26.8	25.7	21.1	18.0	19.6	20.4	23.7	27.6	27.1	26.1	30.5	23
2/25/2025	26.7	42.9	52.4	50.8	43.5	26.8	26.3	41.1	44.7	43.7	42.2	20.1	15.5	13.1	10.0	14.2	14.6	14.8	19.1	24.5	41.2	41.5	46.4		31.1	23
2/26/2025				62.6	60.9		60.1			64.0	61.6	51.1	28.5	16.3	12.8	11.4	14.2	11.7	13.6	18.5	26.1	41.4	42.0	53.6	36.1	18
2/27/2025	47.2	42.3	47.8	48.5			47.3	47.1	42.9	25.8	21.8	18.0	16.1	15.5		19.3	10.8	9.1	9.5	10.0	10.0	12.8	15.8	15.0	25.4	21
2/28/2025	6.9	6.0	5.5	5.6	5.7	5.8	6.2	6.3	6.8	7.7	7.5	5.2	5.4	5.1	7.9	6.5	8.4	5.3	4.1	3.7	3.9	3.7	3.8	4.7	5.7	24
avg	11.9	12.6	14.8	16.8	15.5	13.2	16.7	15.8	16.4	17.6	15.8	13.4	11.3	10.1	8.8	10.5	9.4	8.8	9.3	10.9	12.2	12.2	13.8	12.5	13.2	
min	0.3	1.1	1.4	1.8	1.9	2.0	2.0	2.8	3.2	3.3	0.2	0.5	1.4	1.1	1.6	2.6	2.9	2.7	2.5	2.0	1.4	0.8	0.7	1.0	2.4	
max	47.2	42.9	52.4	62.6	60.9	42.2	60.1	47.1	49.3	64.0	61.6	69.1	49.0	45.0	26.8	49.0	28.7	25.2	24.0	49.0	45.0	41.5	46.4	53.6	36.1	660

Saroad Table - Hourly PM2.5 Data
February 2025

Location: Woodville **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
2/1/2025	0.4	1.0	1.5	1.7	2.1	2.2	2.2	3.4	2.9	4.4	5.2	5.2	5.6	5.6	5.7	5.8	5.5	5.9	6.3	6.0	8.9	5.7	5.6	6.6	4.4	24
2/2/2025	8.8	10.9	10.1	10.0	9.2	8.8	9.5	6.9	5.2	4.5	4.9	5.0	4.5	4.8	4.4	4.3	4.4	4.5	5.0	4.0	4.6	4.4	4.4	4.3	6.1	24
2/3/2025	5.0	4.1	5.5	6.5	6.9	7.5	12.0	12.9	8.1	19.9	14.6	10.6	7.4	7.4	7.3	6.9	7.2	6.7	6.9	6.0	5.2	4.6	4.2	5.5	7.9	24
2/4/2025	5.4	3.1	4.8	8.3	8.6	9.2	17.6	19.1	21.3	19.5	10.9	9.4	9.1	9.0	8.6	9.4	8.9	8.4	9.4	12.0	13.6	13.2	13.2	14.5	11.1	24
2/5/2025	18.2	24.9	42.1	43.6	46.5	47.2	46.1	58.9	55.4	42.5	24.0	14.4	12.2	11.9	10.9	11.1	11.5	11.8	13.9	16.3	18.3	23.7	41.9	40.2	28.6	24
2/6/2025	25.7	24.5	43.2	22.1	25.4	22.6	17.2	18.6	18.8	21.5	17.6	17.1	15.7	11.5	12.7	15.2	10.7	7.8	9.0	9.8	9.6	10.1	11.7	14.6	17.2	24
2/7/2025	17.8	20.0	17.3	14.3	11.8	9.1	9.6	12.1	9.3	8.5	9.2	8.9	8.8	8.7	9.9	8.3	8.5	10.9	8.5	8.4	10.1	9.4	11.2	12.3	10.9	24
2/8/2025	13.1	15.3	16.8	17.3	16.0	18.9	20.9	20.0	18.4	19.8	12.4	8.8	8.7	8.7	8.5	8.0	9.6	11.6	12.4	11.3	10.8	9.3	9.1	7.8	13.1	24
2/9/2025	9.8	11.5	11.0	10.0	8.4	7.5	7.2	7.8	8.1	7.6	6.7	6.8	6.8	7.1	7.7	7.8	8.4	8.7	8.7	9.2	10.7	13.9	13.7	13.2	9.1	24
2/10/2025	11.7	12.2	13.4	13.7	12.5	12.5	14.2	16.8	18.1	19.6	17.5	14.8	12.6	11.7	15.7	16.3	15.1	22.5	18.7	24.8	44.2	19.8	24.8	5.9	17.0	24
2/11/2025	5.3	5.4	6.8	7.3	6.7	6.6	6.8	7.6	7.8	7.5	8.8	10.0	9.4	10.2	10.6	10.8	9.9	10.6	12.6	12.9	14.5	14.4	14.2	18.7	9.8	24
2/12/2025	23.9	42.5	47.9	49.8	48.5	43.8	48.8	40.1	24.5	25.4	21.8	18.3	15.5	12.9	11.3	8.1	8.7	5.3	6.3	5.7	4.4	3.9	3.6	3.9	21.9	24
2/13/2025	5.1	5.9	6.6	6.8	6.7	5.4	4.2	4.8	4.8	5.7	5.9	1.5	2.5	3.0	3.6	5.1	7.4	5.7	3.8	4.2	3.4	1.9	1.7	1.9	4.5	24
2/14/2025	2.0	2.1	2.6	2.8	4.9	4.2	2.4	2.8	4.2	4.4	4.9	5.0	5.2	5.3	5.4	5.4	5.8	5.6	5.9	6.9	6.5	6.5	6.6	6.0	4.7	24
2/15/2025	5.9	6.7	6.4	6.0	6.9	7.2	7.2	7.9	7.0	5.8	4.8	4.8	4.6	4.1	4.0	3.5	3.7	4.7	5.7	1.9	1.2	0.3	0.6	0.7	4.6	24
2/16/2025	1.4	2.1	3.3	3.1	2.3	2.0	2.1	2.3	2.4	2.7	0.0	0.0	0.3	0.5	1.5	2.5	2.5	2.7	2.1	1.9	1.8	1.7	2.0	1.8	1.9	24
2/17/2025	1.5	1.8	2.2	3.8	6.5	10.4	12.5	12.6	12.9	13.0	12.8	12.4	12.2	11.4	10.8	9.6	9.1	8.4	8.1	13.1	13.0	13.1	13.9	13.8	10.0	24
2/18/2025	13.9	14.7	15.1	15.8	17.7	18.8	19.9	22.4	25.4	13.8	8.7	7.8	7.0	6.2	6.0	5.7	5.1	7.6	6.8	5.0	3.9	3.8	3.9	5.4	10.8	24
2/19/2025	6.9	5.3	4.0	5.8	6.3	7.9	7.2	6.9	6.5	8.0	8.6	7.3	6.0	7.5	6.1	6.8	10.0	8.9	7.3	2.9	1.4	0.8	0.4	0.5	5.8	24
2/20/2025	1.5	1.6	3.5	3.6	5.2	7.0	7.5	11.0	14.8	16.0	21.2	20.4	8.9	8.0	7.3	6.9	6.7	6.4	7.3	7.9	8.2	11.3	9.9	9.8	8.8	24
2/21/2025	8.3	7.9	7.3	7.7	8.5	8.6	8.9	8.9	7.7	7.2	6.7	6.4	6.3	5.7	5.4	5.0	4.8	4.7	5.4	6.0	6.3	6.4	9.2	11.2	7.1	24
2/22/2025	10.9	10.6	10.6	11.0	11.0	12.6	16.1	19.7	13.7	5.5	5.1	4.7	4.4	4.2	4.5	4.0	3.5	3.2	3.0	3.3	4.3	6.0	6.4	7.5	7.7	24
2/23/2025	10.1	14.1	15.6	15.4	15.4	15.4	15.4	16.2	19.7	23.3	19.6	25.7	23.9	18.4	16.3	21.2	44.3	15.7	15.7	15.9	18.0	15.1	15.5	15.7	18.4	24
2/24/2025	16.4	16.8	17.2	19.5	23.1	23.8	24.9	41.7	49.5	55.1	65.2	67.0	50.9	44.6	27.7	26.8	22.9	19.3	18.8	20.6	22.4	25.3	26.7	26.0	31.3	24
2/25/2025	42.4	50.5	52.4	44.8	42.6	45.2	45.1	42.5	44.8	44.9	24.2	20.0	14.9	13.0	9.9	14.6	15.6	16.1	17.9	24.7	27.0	46.3	46.4	48.0	33.1	24
2/26/2025	50.9	60.1	60.8	59.7	59.5	55.7	56.6	57.0	55.1	62.0	61.3	48.8	28.7	16.2	13.0	11.2	13.3	12.0	13.6	20.0	25.6	27.5	42.5	49.8	40.0	24
2/27/2025	47.1	45.5	47.3	49.5	50.4	50.6	50.9	51.3	42.7	25.5	22.0	17.9	16.0	15.7	128.8	22.4	11.4	9.1	9.5	11.1	11.4	14.0	16.2	14.4	32.5	24
2/28/2025	6.8	5.9	5.3	5.2	5.3	6.3	6.2	7.1	7.2	13.3	8.3	5.9	6.3	5.4	6.9	5.7	8.1	7.8	3.7	4.0	3.4	3.3	3.2	5.4	6.1	24
avg	13.4	15.2	17.2	16.6	17.0	17.0	17.8	19.3	18.4	18.1	15.5	13.7	11.2	10.0	13.2	9.6	10.1	9.0	9.0	9.9	11.2	11.3	13.0	13.0	13.7	
min	0.4	1.0	1.5	1.7	2.1	2.0	2.1	2.3	2.4	2.7	0.0	0.0	0.3	0.5	1.5	2.5	2.5	2.7	2.1	1.9	1.2	0.3	0.4	0.5	1.9	
max	50.9	60.1	60.8	59.7	59.5	55.7	56.6	58.9	55.4	62.0	65.2	67.0	50.9	44.6	128.8	26.8	44.3	22.5	18.8	24.8	44.2	46.3	46.4	49.8	40.0	672

Saroad Table - Hourly PM2.5 Data
February 2025

Location: GA DNR **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
2/1/2025	0.6	1.3	1.8	2.0	2.2	2.2	2.4	2.7	2.9	3.7	4.6	4.8	5.6	5.7	5.6	5.9	5.6	5.2	5.0	5.3	5.6	5.0	5.4	6.9	4.1	24
2/2/2025	7.6	21.3	14.8	14.0	12.8	10.0	9.1	7.2	4.5	4.1	4.2	4.2	4.4	4.3	3.9	4.3	4.5	4.5	4.2	4.2	4.0	3.8	3.9	3.6	6.8	24
2/3/2025	4.4	3.4	3.0	4.3	4.2	7.1	7.9	6.1	8.1	14.3	15.3	9.0	7.0	7.2	7.0	7.0	6.8	6.3	6.9	5.4	4.8	4.9	4.8	5.5	6.7	24
2/4/2025	6.9	4.5	5.2	7.8	8.5	8.8	9.7	15.6	19.4	18.7	10.1	8.7	8.6	8.6	8.4	9.0	8.5	9.0	10.7	11.3	11.9	12.2	14.5	16.3	10.5	24
2/5/2025	17.6	21.2	24.3	25.8	41.1	43.7	45.1	48.5	51.6	40.8	22.1	14.5	11.5	11.3	10.5	10.2	10.9	10.9	13.0	15.6	18.0	23.2	39.5	26.2	24.9	24
2/6/2025	20.3	23.0	25.7	18.8	20.6	17.9	15.3	13.2	16.5	18.2	15.7	16.1	14.8	10.7	11.7	13.9	10.4	7.6	8.3	9.4	9.4	9.5	11.1	14.4	14.7	24
2/7/2025	16.4	17.9	16.4	13.5	11.5	9.1	8.5	9.3	9.1	8.1	8.7	8.6	8.9	8.3	9.5	8.4	8.7	10.4	8.8	9.8	9.2	9.1	10.8	12.0	10.5	24
2/8/2025	12.6	14.4	16.4	16.9	15.0	14.7	16.2	19.4	16.4	17.8	11.7	8.6	8.4	8.4	8.4	8.4	10.1	11.3	12.2	11.3	10.5	9.1	8.6	8.0	12.3	24
2/9/2025	9.5	10.9	10.3	9.6	8.2	7.6	7.0	7.8	8.0	7.5	6.5	6.5	6.5	7.0	7.6	7.8	8.3	8.4	8.4	8.7	11.1	12.0	11.5	11.7	8.7	24
2/10/2025	11.5	11.8	12.2	12.5	11.8	11.9	13.7	15.4	16.8	18.2	15.9	14.1	12.5	10.9	13.9	14.8	13.3	21.4	17.7	24.7	25.5	17.3	19.8	4.9	15.1	24
2/11/2025	4.4	4.6	6.0	6.8	6.1	6.3	6.9	7.8	7.9	8.0	9.0	10.5	8.9	9.3	9.5	9.6	9.6	10.5	12.3	12.0	12.9	12.3	12.8	17.2	9.2	24
2/12/2025	21.5	24.6	42.3	43.3	42.6	25.4	41.5	22.8	22.9	22.5	17.1	15.1	14.4	12.3	11.4	8.2	8.9	5.5	6.1	5.8	4.6	3.9	3.6	3.7	17.9	24
2/13/2025	4.6	5.3	6.2	6.5	6.4	5.5	4.5	4.5	4.8	5.2	5.3	1.9	2.7	3.2	3.7	5.0	7.1	3.4	3.5	4.0	3.4	2.1	2.1	2.6	4.3	24
2/14/2025	2.9	3.6	3.7	2.7	2.2	3.6	5.3	5.1	4.8	4.1	4.2	4.5	5.3	5.1	5.4	5.4	5.3	5.2	5.3	6.2	5.9	5.7	5.5	5.7	4.7	24
2/15/2025	6.7	7.4	6.4	7.3	7.1	6.6	7.0	6.9	6.0	5.7	4.8	4.9	4.4	4.0	4.3	3.5	3.6	4.2	4.3	1.8	1.1	0.8	1.2	1.5	4.7	24
2/16/2025	1.8	2.4	3.1	3.1	2.5	2.3	2.6	3.0	3.2	3.0	0.5	0.5	1.0	1.1	1.9	2.9	3.1	3.0	2.3	2.3	2.2	2.1	2.4	2.0	2.3	24
2/17/2025	1.8	1.9	2.4	3.8	6.2	9.8	11.4	11.8	11.8	12.7	12.2	12.0	12.8	12.0	11.1	9.7	9.3	8.4	8.4	11.0	11.4	13.8	14.1	13.3	9.7	24
2/18/2025									20.0	13.5	7.6	7.5	7.5	6.1	6.1	5.7	5.1	5.2	5.0	4.5	3.7	3.6	3.5	3.6	6.8	16
2/19/2025	5.1	5.1	3.5	3.8	5.1	6.1	6.2	6.8	6.5	8.6	8.1	6.3	5.7	7.5	6.1	7.9	9.7	8.4	8.2	2.5	1.0	0.5	1.2	0.6	5.4	24
2/20/2025	0.7	1.6	3.5	2.9	4.9	6.9	8.3	10.9	13.0	13.3	17.4	17.2	8.7	7.8	7.4	7.0	6.7	6.4	7.1	9.2	7.9	9.9	9.8	9.4	8.2	24
2/21/2025	6.8	6.5			7.0	7.0	7.0	7.5		7.2	6.6	6.4	6.0	5.4	5.3	5.1	4.9	4.8	4.8	4.7	5.2	5.2	5.6		6.0	20
2/22/2025					11.7	9.9	10.1	9.7	8.6	4.9	5.0	4.6	4.4	4.4	4.5	4.2	3.6	3.4	3.9	4.6	5.7	7.7	9.9	9.0	6.5	20
2/23/2025	9.6	10.6	14.5	15.4	17.9	16.1	14.9	15.3	18.9	24.0	20.8	26.8	23.0	17.5	15.8	19.3	27.5	15.0	14.2	14.5	14.0	13.8	14.3	14.9	17.0	24
2/24/2025	15.5	15.7	17.9	20.0	21.7	22.6	24.4	26.0	44.3	48.9	61.4	66.0	42.5	27.7	24.5	23.7	20.6	17.4	18.4	19.4	21.2	24.0	24.1	43.0	28.8	24
2/25/2025	50.8	46.8	53.6	46.7	42.1	26.1	24.7	24.6	42.4	41.6	26.9	18.6	14.0	12.2	9.6	13.2	13.3	12.7	14.7	21.9	25.8	26.6	43.2	44.8	29.0	24
2/26/2025	48.2	51.1	52.6	56.3	49.9	50.7		52.2	51.1	61.2	60.8	45.0	25.0	16.0	12.6	11.0	13.1	10.7	12.0	16.0	22.6	23.8	25.3		34.9	22
2/27/2025									27.1	23.8	20.9	16.8	15.2	14.7		21.2	10.9	9.0	9.5	10.9	10.5	13.3	15.2	15.2	15.6	15
2/28/2025	7.0	5.6	5.5	5.3	5.5	6.1	6.6	7.6	6.6	7.4	5.8	5.3	5.6	5.3	6.9	5.9	8.0	7.4	3.8	3.7	3.5	3.2	3.3	4.3	5.6	24
avg	11.8	12.9	14.6	14.5	14.4	13.2	12.7	14.1	16.8	16.7	14.6	13.0	10.5	9.1	8.6	9.2	9.2	8.4	8.5	9.3	9.7	9.9	11.7	11.5	11.8	
min	0.6	1.3	1.8	2.0	2.2	2.2	2.4	2.7	2.9	3.0	0.5	0.5	1.0	1.1	1.9	2.9	3.1	3.0	2.3	1.8	1.0	0.5	1.2	0.6	2.3	
max	50.8	51.1	53.6	56.3	49.9	50.7	45.1	52.2	51.6	61.2	61.4	66.0	42.5	27.7	24.5	23.7	27.5	21.4	18.4	24.7	25.8	26.6	43.2	44.8	34.9	645

Saroad Table - Hourly PM2.5 Data
February 2025

Location: West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
2/1/2025	0.6	1.4	1.8	1.9	2.1	2.3	2.4	3.4	3.7	4.2	5.4	6.3	7.0	6.7	6.3	6.4	6.0	5.8	5.7	6.0	6.2	5.7	6.0	7.1	4.6	24
2/2/2025	7.5	10.3	9.2	9.3	9.4	7.3	5.1	4.9	4.5	4.3	4.6	4.7	4.8	4.9	4.5	4.6	4.7	4.7	4.4	4.6	4.5	4.1	4.3	3.5	5.6	24
2/3/2025	4.7	5.8	5.5	5.4	7.7	10.6	7.9	4.3	3.5	10.5	13.9	7.7	7.4	7.7	7.3	7.4	7.2	6.6	7.7	5.0	4.3	5.3	5.5	5.3	6.8	24
2/4/2025	6.1	5.6	5.2	6.6	8.0	7.6	9.2	12.7	17.7	18.7	11.3	9.1	8.9	8.9	8.9	9.4	8.6	9.2	13.5	15.2	13.4	14.3	15.8	17.6	10.9	24
2/5/2025	17.3	20.1	22.3	24.0	23.9	23.0	24.4	44.2	47.1	26.8	23.8	16.2	12.1	11.9	10.8	10.2	11.0	11.1	13.0	16.7	17.6	22.6	21.4	22.5	20.6	24
2/6/2025	17.4	21.4	21.3	18.0	17.6	13.7	12.3	10.8	12.7	14.5	16.5	16.9	15.9	11.6	11.4	14.7	10.5	7.7	8.7	9.3	9.5	9.7	11.4	14.1	13.7	24
2/7/2025	15.1	15.7	15.5	13.1	11.0	9.2	9.5	10.5	9.3	8.6	9.2	8.8	8.7	8.9	8.8	7.9	18.2	51.7	8.5	9.5	11.0	9.3	10.9	19.4	12.8	24
2/8/2025	15.2	14.5	16.3	16.7	16.6	16.6	17.8	17.8	17.1	17.9	13.3	9.0	8.9	9.0	8.7	8.9	10.5	11.8	13.0	12.6	10.4	9.1	8.8	8.2	12.9	24
2/9/2025	9.1	10.8	10.5	9.7	8.3	7.6	7.0	7.3	7.8	7.4	6.6	6.7	6.6	7.3	7.8	7.7	8.4	9.3	10.4	11.6	14.0	12.4	10.6	11.0	9.0	24
2/10/2025	11.7	11.9	11.9	12.1	11.6	11.7	13.4	15.1	16.5	18.8	16.7	14.9	13.1	11.6	14.8	13.8	12.4	21.4	18.9	24.6	24.0	16.4	19.3	5.0	15.1	24
2/11/2025	4.4	4.6	6.0	7.1	6.3	6.2	6.3	6.7	7.1	6.7	7.9	9.2	8.7	9.4	9.4	9.6	9.3	10.0	11.3	11.1	12.1	11.4	12.4	16.6	8.7	24
2/12/2025	20.9	21.7	24.1	25.9	24.2	23.0	24.5	20.2	19.3	18.6	15.2	12.7	14.2	12.0	11.1	8.7	8.9	5.7	6.2	5.5	4.5	3.9	3.7	3.6	14.1	24
2/13/2025	4.7	5.5	6.1	6.3	6.3	5.3	4.4	4.5	4.8	5.1	5.5	2.4	4.2	3.6	3.5	4.7	6.7	3.7	3.8	4.2	3.7	2.5	2.7	3.3	4.5	24
2/14/2025	3.8	4.3	3.7	4.8	4.5	3.0	3.0	3.6	3.9	4.4	4.8	5.3	5.6	5.7	5.8	5.8	6.0	5.8	5.5	6.1	5.8	5.4	5.4	5.2	4.9	24
2/15/2025	5.4	5.3	5.5	5.6	5.4	5.3	5.1	6.2	5.8	5.8	5.0	5.0	4.6	3.9	3.9	3.7	3.7	4.5	4.5	3.2	1.8	1.2	1.4	1.5	4.3	24
2/16/2025	1.9	2.4	3.1	3.2	2.7	2.5	2.8	3.0	3.0	3.1	0.5	0.7	1.3	1.3	2.0	3.0	3.1	3.4	4.1	3.2	3.3	2.4	2.5	2.3	2.5	24
2/17/2025	2.0	2.3	3.0	4.5	6.5	10.9	12.3	12.7	13.9	13.6	12.4	11.7	12.5	12.8	11.4	45.6	17.2	9.3	10.1	10.2	14.7	17.0	18.1	16.0	12.5	24
2/18/2025	15.3	15.1	15.3	15.9	16.7	17.3	21.4	18.8	15.9	12.2	8.3	7.6	7.6	6.6	6.8	6.1	5.7	5.7	5.7	5.1	4.3	4.2	4.2	4.6	10.3	24
2/19/2025	5.8	5.3	4.9	5.4	3.9	5.5	5.6	5.6	4.8	8.3	8.0	5.4	4.9	6.1	6.0	6.6	8.2	8.0	6.8	2.9	1.5	0.9	1.0	0.9	5.1	24
2/20/2025	1.1	2.1	3.3	3.0	6.1	8.7	8.3	10.5	12.9	13.0	16.7	17.3	8.8	7.7	7.5	7.1	6.8	6.7	7.2	11.1	9.4	10.2	9.4	9.2	8.5	24
2/21/2025	6.9	7.4	7.1	7.5	8.1	8.2	8.2	7.9	7.1	6.8	6.7	6.7	6.5	6.3	5.6	5.4	6.1	7.1	18.2	14.5	4.6	6.1	7.6	11.2	7.8	24
2/22/2025	12.2	12.9	13.5	13.3	17.0	17.0	14.0	11.8	9.2	5.6	5.3	5.0	4.8	4.6	4.7	4.4	3.9	3.9	3.8	6.1	12.8	17.8	12.0	11.5	9.5	24
2/23/2025	12.9	10.8	13.0	16.3	14.4	15.1	16.3	17.5	21.1	24.3	23.6	26.0	24.3	18.6	17.3	22.2	29.3	15.8	15.1	16.0	14.8	15.0	15.1	14.6	17.9	24
2/24/2025	15.1	16.8	18.3	19.8	19.7	21.3	22.9	25.4	43.5	51.2	58.6	63.8	43.1	27.2	23.3	23.8	20.9	17.2	19.8	19.5	21.6	45.7	42.6	43.3	30.2	24
2/25/2025	43.5	42.0	43.2	42.0	44.6	27.0	23.9	23.7	48.0	52.3	25.5	21.2	16.3	13.9	10.2	13.8	14.4	14.1	17.9	25.3	41.3	48.7	43.4	47.1	31.0	24
2/26/2025	55.3		64.2	58.6	59.3	55.7	55.0	54.3	50.3	63.4	61.8	46.5	25.6	15.9	13.0	11.4	14.5	11.7	13.5	18.0	24.5	43.8	28.3	44.8	38.7	23
2/27/2025	44.5	27.3	41.8	45.2	44.7	43.9	44.7	43.8	28.1	24.9	21.4	18.0	15.8	15.0	119.4	21.8	11.6	9.3	9.8	10.9	10.7	13.7	16.1	15.1	29.0	24
2/28/2025	8.2	6.1	6.2	5.7	5.8	6.5	6.7	7.6	6.9	7.7	6.1	5.8	5.7	5.4	7.3	6.2	8.3	6.1	4.5	4.2	4.0	4.0	4.2	5.1	6.0	24
avg	13.2	11.5	14.4	14.5	14.7	14.0	14.1	14.8	15.9	16.4	14.8	13.2	11.0	9.4	12.8	10.7	10.1	10.2	9.7	10.4	11.1	13.0	12.3	13.2	12.8	
min	0.6	1.4	1.8	1.9	2.1	2.3	2.4	3.0	3.0	3.1	0.5	0.7	1.3	1.3	2.0	3.0	3.1	3.4	3.8	2.9	1.5	0.9	1.0	0.9	2.5	
max	55.3	42.0	64.2	58.6	59.3	55.7	55.0	54.3	50.3	63.4	61.8	63.8	43.1	27.2	119.4	45.6	29.3	51.7	19.8	25.3	41.3	48.7	43.4	47.1	38.7	671

Saroad Table - Hourly PM2.5 Data
February 2025

Location: Brickyard **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
2/1/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/2/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/3/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/4/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/5/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/6/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/7/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/8/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/9/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/10/2025	-	-	-	-	-	-	-	-	-	-	-	12.8	11.2	10.3	14.7	14.8	12.0					-	-	-	12.6	6
2/11/2025	-	-	-	-	-	-	-	-	-	-	-	-	8.2	8.9	8.4	8.7	9.0	9.5	10.8	10.6	12.4	11.7	12.4	17.6	10.7	12
2/12/2025												11.0	12.4	10.8	9.4	7.6	7.9	5.0	5.3	4.8	4.0	3.7	3.3	3.5	6.8	13
2/13/2025	4.2	5.0	5.7	5.7	5.7	4.7	4.1	4.0	4.2	4.7	4.9	1.6	3.2	3.1	3.2	4.0	6.0	3.2	3.2	3.6	3.4	1.8	2.0	2.4	3.9	24
2/14/2025	2.9	2.8	2.7	2.6	2.3	2.2	2.2	2.4	2.9	3.1	4.0	4.4	4.7	5.1	5.1	5.1	5.4	5.3	5.0	5.9	6.6	5.2	4.7	4.8	4.1	24
2/15/2025	4.1	4.4	4.1	4.4	4.9	4.3	4.2	4.7	4.7	4.9	4.0	4.2	4.0	3.4	3.3	3.2	3.3	3.9	3.8	2.4	1.6	1.1	1.3	1.5	3.6	24
2/16/2025	1.8	2.3	2.7	2.8	2.3	2.3	2.5	2.8	2.8	2.9	0.3	0.4	1.1	1.1	1.5	2.4	2.6	2.8	2.7	2.3	2.4	2.2	2.4	2.1	2.1	24
2/17/2025	1.9	2.0	2.4	3.7	5.3	8.4	10.5	10.8	11.5	11.0	10.5	10.5	11.0	12.1	11.0	9.6	8.7	8.0	8.1	8.8	10.1	11.1	18.4	17.0	9.3	24
2/18/2025	16.0	14.2	15.1	15.7	15.9	16.2	17.8	16.7	13.9	10.4	7.3	6.4	5.7	5.8	5.6	5.1	5.2	5.3	5.0	4.5	3.8	3.6	3.1	3.0	9.2	24
2/19/2025	4.1	5.2	3.2	3.1	3.1	4.3	3.9	4.0	3.9	5.8	6.3	4.2	3.8	5.0	5.2	6.1	7.5	6.7	5.8	2.6	0.7	0.1	0.1	0.2	4.0	24
2/20/2025	0.4	0.7	2.2	1.4	3.5	7.3	7.9	9.1	11.3	11.7		15.4	7.8	6.3	6.0	6.0	5.8	5.9	6.9	8.5	7.2	8.4	7.8	8.2	6.8	23
2/21/2025	5.5	5.9	5.7	5.9	6.7	6.7	7.0	6.8	5.9	5.5	5.5	5.6	5.6	5.3	4.8	5.3	6.6	8.9	4.9	3.9	3.4	4.7	12.4	8.3	6.1	24
2/22/2025	9.2	11.6	16.7	13.7	10.9	8.2	10.7	11.3	6.3	4.4	4.3	4.2	4.0	3.9	4.0	3.6	3.3	3.1	2.9	2.9	3.9	5.1	7.4	12.3	7.0	24
2/23/2025	17.4	13.1		13.0	14.0	17.5	18.3	20.5	21.8	22.4	25.3	24.4	23.1	18.1	16.3	25.7	24.4	14.0	13.5	13.7	13.6	16.0	13.7	13.7	18.0	23
2/24/2025	13.9	13.8	14.6	16.5	17.9	18.7	19.7	21.9	26.5	45.6	54.3	54.1	28.1	25.2	21.0	20.6	18.3	15.2	17.7	17.1	18.2	18.7	21.3	24.5	23.5	24
2/25/2025	24.2	25.9	23.7	25.1	27.3	41.6	24.7	22.3	26.2	41.6	22.5	19.3	14.5	12.0	8.7	11.8	12.8	12.8	17.3	20.1	21.3	22.7	25.8	26.6	22.1	24
2/26/2025	43.8								51.5	59.9	57.5	44.0	25.2	15.4	11.9	10.2	13.1	10.5	11.8	16.6	21.4	24.6	25.6	26.5	27.6	17
2/27/2025	26.1	25.0	25.3	26.3	40.4	26.6	25.8	25.9	25.4	22.8	19.1	16.2	14.3	13.2		18.2	9.6	8.2	8.7	9.1	9.2	11.6	13.9	12.9	18.9	23
2/28/2025	7.2	5.5	5.6	5.3	5.5	5.3	6.3	7.5	6.2	6.3	5.3	5.1	5.1	5.0	7.1	5.9	7.7	5.0	4.1	3.7	3.5	3.5	3.6	4.0	5.4	24
avg	11.4	9.2	9.3	9.7	11.0	11.6	11.0	11.4	14.1	16.4	15.4	13.5	10.2	9.0	8.2	9.2	8.9	7.4	7.6	7.8	8.2	8.6	10.0	10.5	10.6	
min	0.4	0.7	2.2	1.4	2.3	2.2	2.2	2.4	2.8	2.9	0.3	0.4	1.1	1.1	1.5	2.4	2.6	2.8	2.7	2.3	0.7	0.1	0.1	0.2	2.1	
max	43.8	25.9	25.3	26.3	40.4	41.6	25.8	25.9	51.5	59.9	57.5	54.1	28.1	25.2	21.0	25.7	24.4	15.2	17.7	20.1	21.4	24.6	25.8	26.6	27.6	405

Saroad Table - Hourly PM2.5 Data
February 2025

Location: Ocean Terminal **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
2/1/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/2/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/3/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/4/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/5/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/6/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/7/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/8/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/9/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/10/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/11/2025	-	-	-	-	-	-	-	-	-	7.0	7.8	8.6	8.5	9.3	9.5	9.3	8.9	10.7	11.4	11.0	11.7	12.4	13.8		10.0	14
2/12/2025											17.4	13.9	15.3	12.4	12.8	9.4	10.6	6.4	6.8	6.1	5.2	4.5	3.9	4.3	9.2	14
2/13/2025	5.3	7.1	7.0	6.8	6.6	5.6	4.8	4.8	5.0	5.8	5.8	1.6	3.8	4.2	3.9	4.8	6.9	4.0	4.2	4.3	4.0	2.2	2.2	2.4	4.7	24
2/14/2025	1.6	2.2	2.1	2.1	2.1	2.0	1.9	2.0	2.4	3.0	3.5	3.9	4.4	4.4	4.9	4.6	5.1	5.1	5.1	6.1	6.2	5.2	4.9	5.2	3.8	24
2/15/2025	4.3	4.9	4.6	4.9	4.8	4.7	4.9	5.0	4.5	5.9	4.3	5.1	5.4	6.2	5.4	5.1	5.3	7.4	7.7	6.9	4.4	2.7	1.9	1.8	4.9	24
2/16/2025	2.4	3.9	3.6	3.2	2.7	2.8	3.0	3.2	3.3	3.5	0.5	0.5	1.3	1.2	1.8	2.8	3.0	3.2	2.9	3.1	2.5	2.2	2.4	1.9	2.5	24
2/17/2025	1.8	2.0	2.7	4.4	6.1	10.3	11.0	10.1	9.6	9.0	9.3	10.6	11.0	12.9	14.2	11.7	10.0	9.0	10.9	12.1	12.8	15.3	14.7	19.6	10.0	24
2/18/2025	16.6	14.6	17.0	15.3	16.3	18.1	16.5		15.1	11.2	7.0	6.5	6.2	5.2	5.7	5.1	4.8	4.6	4.5	3.9	3.5	3.1	3.2	3.0	9.0	23
2/19/2025	3.4	5.5	3.6	2.8	2.7	3.8	4.2	4.0	4.1	4.7	3.8	2.1	3.2	4.1	5.9	6.2	8.6	6.9	6.3	2.3	0.0	0.0	0.0	0.0	3.7	24
2/20/2025	0.0	0.0	0.4	0.6	2.0	4.1	3.7			14.7			8.1	6.5	6.6	6.3	6.3	5.4	6.1	6.4	6.4	9.0	8.2	7.1	5.4	20
2/21/2025	4.9	5.0	5.3	5.4	6.5	6.5	7.1	6.5	5.6	5.6	5.8	5.7	5.4	5.3	5.3	5.7	12.1	14.4	5.1	3.4	3.3	4.1	5.1	9.4	6.2	24
2/22/2025	17.8	10.3	9.0	19.7	-	-	-	8.8	6.4	3.9	5.5	3.5	3.5	3.5	3.6	3.3	3.0	2.4	2.8	2.8	5.3	3.5	-	-	6.2	19
2/23/2025	-	-	-	-	-	-	-			21.1	23.7	29.0	25.4	19.2	16.5	24.2		15.4	-	-	-	-	-	-	21.8	8
2/24/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
2/25/2025	-	-	-	-	-	-	-	-	-	-	-	-	-		9.6	11.3	14.9	13.7	20.3	23.8	26.6	41.3	42.2	53.4	25.7	10
2/26/2025	87.7	81.8	52.2	47.2	47.4	49.4	51.8	57.0	58.5					16.6	13.7	11.7	15.0	13.1	14.0	19.3	25.2	27.8	42.8	44.6	38.8	20
2/27/2025	42.9	41.6	43.5	45.4	46.1	45.1	43.7	45.0	42.3	26.2	21.9	18.5	16.2	15.3		22.6	11.1	9.5	9.7	10.3	10.1	13.0	15.6		27.1	22
2/28/2025	8.2	5.5	5.8	6.2	6.3	6.6	7.9	7.7	7.6	8.0	6.7	5.7	5.2	5.4	7.3	6.2	8.2	6.6	4.8	4.4	4.2	3.9	4.2	4.8	6.1	24
avg	15.1	14.2	12.1	12.6	12.5	13.2	13.4	14.0	13.7	9.2	8.8	8.2	8.2	8.2	7.9	8.8	8.4	8.1	7.7	7.9	8.2	9.4	11.0	12.1	11.5	
min	0.0	0.0	0.4	0.6	2.0	2.0	1.9	2.0	2.4	3.0	0.5	0.5	1.3	1.2	1.8	2.8	3.0	2.4	2.8	2.3	0.0	0.0	0.0	0.0	2.5	
max	87.7	81.8	52.2	47.2	47.4	49.4	51.8	57.0	58.5	26.2	23.7	29.0	25.4	19.2	16.5	24.2	15.0	15.4	20.3	23.8	26.6	41.3	42.8	53.4	38.8	342

Saroad Table - Hourly PM2.5 Data
February 2025

Location: Cockspur Island **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
2/1/2025	0.3	0.6	1.2	1.7	2.2	2.2	3.6	3.7	3.1	3.3	4.0	4.3	4.6	4.8	4.7	4.7	4.6	4.2	3.9	4.7	4.3	3.5	3.5	3.6	3.4	24
2/2/2025	4.6	4.3	5.4	4.8	3.2	3.1	3.7	4.3	4.1	3.6	2.9	2.7	2.5	4.0	4.8	4.1	3.5	3.2	3.4	3.2	2.9	2.8	2.9	2.6	3.6	24
2/3/2025	2.6	2.3	2.7	2.0	2.6	2.2	1.9	0.4	0.2	0.3	0.8	1.0	0.9	1.0	0.9	1.0	0.5	0.0	0.3	1.2	2.4	2.8	2.0	1.5	1.4	24
2/4/2025	0.9	0.2	0.6	2.0	3.6	5.0	7.4	9.0	11.3	11.2	12.4	12.5	9.5	9.5	8.3	7.6	6.9	6.8	6.4	5.9	5.5	5.3	5.6	5.6	6.6	24
2/5/2025	6.7	8.0	9.7	13.8	18.4	18.6	17.7	19.6	21.4	24.7	50.4	23.3	19.5	17.7	18.4	17.8	17.3	15.2	17.3	18.6	13.5	10.6	10.9	11.3	17.5	24
2/6/2025	11.4	11.2	8.8	5.7	6.6	8.1	6.4	5.6	7.4	8.9	10.4	14.0	13.9	14.3	12.7	9.8	8.3	11.2	10.5	8.9	8.9	8.8	10.6	10.5	9.7	24
2/7/2025	10.1	10.0	10.6	12.4	13.3	11.4	9.9	10.9	10.2	9.0	9.2	10.0	9.6	9.4	8.8	7.9	7.7	8.6	11.7	12.2	10.4	9.4	10.2	12.1	10.2	24
2/8/2025	12.6	12.6		13.2	16.6	16.8	16.5	16.4	16.6	19.0	16.2	13.9	14.9	15.2	15.6	13.5	13.2	13.4	11.7	7.0	5.2	4.8	5.2	4.5	12.8	23
2/9/2025	5.0	7.6	10.4	10.4	8.8	7.4	6.8	7.9	7.4	7.0	6.2	6.0	6.6	6.9	7.4	7.7	8.3	6.0	6.0	6.6	7.4	7.7	7.7	7.6	7.4	24
2/10/2025	7.6	8.1	8.8	9.9	10.1	10.7	11.7	13.6	15.4	21.1	21.2	18.9	13.8	14.4	16.4	13.3	11.7	14.6	8.6	12.3	19.2	4.2	2.2	1.7	12.1	24
2/11/2025	3.7	5.9	7.5	7.3	4.6	3.8	4.5	5.1	5.2	5.3	5.5	6.6	7.4	8.9	9.1	9.9	9.5	8.9	9.2	9.1	10.3	11.6	14.3	17.7	8.0	24
2/12/2025	21.3	42.5	42.8	24.3	25.2	18.5	17.4	18.2	19.6	17.0	14.1	10.2	7.4	9.5	9.0	10.0	10.1	5.8	5.1	3.8	3.6	3.2	3.2	3.6	14.4	24
2/13/2025	3.6	4.1	5.0	6.0	6.5	6.7	8.0	7.7	8.7	9.6	10.0	6.6	2.7	2.4	3.1	4.2	5.9	6.5	4.6	4.2	4.2	2.8	1.3	1.5	5.2	24
2/14/2025	2.0	2.1	1.9	1.6	1.2	1.1	1.1	1.5	1.9	2.1	2.5	2.7	3.1	4.0	4.0	4.3	3.7	4.3	4.8	4.9	4.6	3.7	3.5	3.2	2.9	24
2/15/2025	3.3	3.9	3.5	3.7	3.7	4.0	3.8	4.0	4.4	4.5	5.0	5.3	4.7	4.7	3.9	3.9	5.3	4.0	3.2	1.1	0.5	0.5	0.4	1.5	3.4	24
2/16/2025	2.5	3.6	3.7	3.3	3.1	3.4	3.7	4.3	4.5	4.5	2.4	0.1	0.1	0.6	1.0	1.7	2.0	2.2	3.1	2.0	1.8	1.5	1.6	1.4	2.4	24
2/17/2025	1.3	1.3	2.4	4.1	6.1	7.2	10.1	11.3	11.1	10.3	9.0	9.6	9.9	9.4	8.7	8.4	8.0	7.4	8.7	7.1	10.8	7.4	7.3	7.5	7.7	24
2/18/2025	9.7	9.8	12.1	14.6	16.1	24.8	14.2	11.5	9.2	7.3	6.3	6.0	5.6	4.7	3.7	3.4	3.4	2.5	2.4	2.2	2.1	1.9	2.0	1.8	7.4	24
2/19/2025	1.8	1.7	2.0	1.8	2.1	2.3	2.1	2.7	2.2	2.5	3.1	2.6	2.3	2.3	2.2	2.2	1.6	1.7	0.8	1.4	0.5	0.0	0.0	0.0	1.8	24
2/20/2025	0.0	0.1	1.1	1.0	0.6	2.6	7.3	8.9	11.3	14.8	20.0	20.8	13.9	7.8	6.9	5.6	5.6	5.6	5.9	5.7	7.1	6.3	6.8	6.2	7.2	24
2/21/2025	9.4	6.5	6.3	6.5	6.4	5.8	5.7	6.5	7.6	5.9	4.7	5.2	5.1	5.2	5.1	4.5	5.4	9.8	6.5	7.9	6.7	7.0	5.5	5.3	6.3	24
2/22/2025	3.2	3.0	3.0	3.0	3.4	2.8	2.5	2.0	2.0	2.9	3.3	4.4	3.8	3.0	2.5	2.2	2.0	1.8	2.1	2.4	2.8	2.2	2.0	3.2	2.7	24
2/23/2025	12.9	8.4	9.2	11.1	16.0	19.4	16.6	16.5	17.6	19.1	18.2	18.1	18.5	18.0	17.9	16.3	14.9	13.6	12.0	10.8	11.2	11.4	11.9	11.9	14.6	24
2/24/2025	12.4	15.0	18.4	20.6	21.3	21.7	22.7	23.0	26.8	49.1	46.4	47.5	26.9	22.6	19.7	16.2	13.4	16.9	18.2	20.0	21.3	20.6	20.4	19.8	23.4	24
2/25/2025	19.7	20.8	20.5	21.4	23.1	23.0	19.5	17.6	18.4	19.4	20.2	17.9	14.9	14.9	13.6	15.8	22.9	20.0	19.4	21.6	23.8	22.9	22.2	22.7	19.8	24
2/26/2025	25.4	58.2	59.1	57.5	56.9	55.3	51.2	52.3	48.2	58.6	65.6	50.0	48.1	29.0	48.8	47.2	27.4	42.2	49.1	53.7	54.6	51.7	52.1	51.8	49.7	24
2/27/2025	51.6	48.4	49.5	51.4	48.7	47.0	47.0	44.8	26.1	23.7	22.3	18.7	16.2	16.1	13.2	12.3	11.8	10.9	10.5	7.4	7.8	9.6	10.8	14.3	25.8	24
2/28/2025	7.0	5.3	4.6	4.5	3.9	4.9	5.6	6.3	6.0	5.2	4.7	4.5	4.9	4.7	4.2	4.0	3.7	3.2	2.8	2.4	2.3	2.0	1.9	1.6	4.2	24
avg	9.0	10.9	11.5	11.4	11.9	12.1	11.7	12.0	11.7	13.2	14.2	12.3	10.4	9.5	9.8	9.3	8.5	9.0	8.9	8.9	9.1	8.1	8.1	8.4	10.4	
min	0.0	0.1	0.6	1.0	0.6	1.1	1.1	0.4	0.2	0.3	0.8	0.1	0.1	0.6	0.9	1.0	0.5	0.0	0.3	1.1	0.5	0.0	0.0	0.0	1.4	
max	51.6	58.2	59.1	57.5	56.9	55.3	51.2	52.3	48.2	58.6	65.6	50.0	48.1	29.0	48.8	47.2	27.4	42.2	49.1	53.7	54.6	51.7	52.1	51.8	49.7	671

Saroad Table - Hourly PM2.5 Data
February 2025

Location: Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
2/1/2025	1.3	1.6	2.1	2.4	2.5	2.8	2.8	3.7	3.9	4.6	5.8	5.8	6.8	6.4	6.1	5.9	5.7	5.7	6.9	6.5	6.6	5.7	6.5	6.0	4.8	24
2/2/2025	6.8	19.3	16.6	12.1	13.5	14.1	12.4	8.7	5.6	5.0	4.9	4.9	4.9	4.8	4.4	4.6	4.7	5.4	5.9	5.3	4.9	4.7	4.9	5.3	7.7	24
2/3/2025	5.6	4.1	4.0	4.7	4.2	6.3	6.1	3.6	4.5	10.8	15.8	9.0	7.1	7.5	6.8	6.8	6.8	6.7	7.3	7.9	5.8	5.2	5.6	5.8	6.6	24
2/4/2025	7.4	4.5	5.2	7.9	8.4	9.1	10.2	15.9	20.0	18.9	10.7	8.9	8.6	8.7	8.4	9.1	8.2	9.0	10.5	12.2	12.5	14.1	16.4	17.8	10.9	24
2/5/2025	18.5	21.8	24.9	41.2	41.1	44.2	46.4	52.1	52.3	28.1	22.2	14.3	11.3	11.3	10.5	10.1	10.6	11.0	12.6	17.0	17.6	23.1	26.5	24.6	24.7	24
2/6/2025	18.6	23.0		18.3		17.0	16.1	12.5	15.6	19.3	17.4	16.5	15.0	10.8	11.9	14.0	10.5	8.0	8.6	9.9	9.9	9.9	11.5	14.7	14.0	22
2/7/2025	16.6	18.3	16.7	14.8	12.0	10.1	10.6	10.5	9.7	8.8	9.2	8.9	8.7	8.3	9.6	8.4	8.8	11.1	9.8	10.5	9.9	9.7	11.1	12.5	11.0	24
2/8/2025	13.1	15.1	16.8	17.9	17.4	18.7	20.1	21.2	17.2	18.8	12.5	9.0	8.8	8.6	8.5	8.5	10.3	11.8	13.0	12.1	14.0	9.8	9.3	8.6	13.4	24
2/9/2025	10.1	11.7	10.8	10.0	8.6	8.1	7.6	7.9	8.4	8.0	7.1	7.0	6.8	7.1	7.5	7.7	8.2	8.3	9.5	9.3	11.0	15.9	13.9	12.2	9.3	24
2/10/2025	12.1	12.5	12.7	13.0	12.5	12.7	14.6	16.5	17.5	18.9	16.4	14.2	12.5	12.2	14.7	15.1	14.2		17.6			17.7		5.4	14.1	20
2/11/2025	5.0	5.1	6.5	7.0	6.4	6.4	6.6	7.3	7.6	7.8	8.7	9.9	8.7	9.3	9.8	9.9	9.4	12.1	12.8	12.7	13.2	12.9	13.4	18.4	9.4	24
2/12/2025									22.8		21.1	15.8	14.1	12.7	12.0	9.2	10.1	6.3	6.9	6.9	5.4	4.7	4.4	4.9	10.5	15
2/13/2025	5.6	6.5	7.1	7.4	7.4	6.4	5.7	5.7	5.5	6.0	6.4	2.5	4.6	4.3	4.8	6.3	8.3	4.1	4.5	4.6	4.0	2.7	2.8	2.7	5.2	24
2/14/2025	2.8	3.5	6.1	9.0	10.3	7.4	5.5	6.1	4.5	4.5	4.4	4.9	5.3	5.3	5.1	5.2	5.4	5.3	5.6	6.7	6.3	6.2	6.2	6.0	5.7	24
2/15/2025	6.7	8.4	6.5	7.2	8.0	9.3	7.6	7.6	5.9	6.4	8.2	8.4	5.9	5.3	5.4	5.0	4.9	5.6	5.7	3.0	2.0	1.8	2.2	2.5	5.8	24
2/16/2025	3.0	3.8	4.3	4.0	3.5	3.3	3.6	3.8	4.0	4.0	1.2	1.2	1.5	1.6	2.2	2.9	3.2	3.2	3.0	3.2	2.6	2.1	2.4	2.2	2.9	24
2/17/2025	2.1	2.3	2.7	4.3	6.9	10.6	12.1	12.2	12.6	13.6	12.4	12.2	12.8	12.1	11.2	9.7	9.2	8.1	8.5	10.7	13.5	16.0	16.5	15.5	10.3	24
2/18/2025	14.7	14.7	14.7	16.4	18.7	20.4				18.1	8.7	7.4	7.3	5.9	6.1	5.5	5.2	5.2	5.2	4.9	4.2	4.0	3.8	4.0	9.3	21
2/19/2025	5.5	5.4	4.1	4.3	6.5	9.2	12.1	6.4	7.0	8.7	10.1	7.3	7.4	7.4	8.3	9.7	9.2	11.1	11.9	8.4	5.9	5.1	6.8	7.8	7.7	24
2/20/2025	5.9	7.5	8.0	7.3	6.1	7.5	8.2	11.0	14.0	14.1	17.9	17.8	9.2	8.0	7.4	7.1	6.8	6.7	7.2	8.9	9.7	10.0	10.1	11.3	9.5	24
2/21/2025	10.6	11.2	10.2	11.7	12.0	13.7	11.7	11.9	9.5	7.0	7.0	6.9	6.4	6.0	5.6	5.2	5.8	6.3	5.6	5.5	4.8	6.1	7.9	8.2	8.2	24
2/22/2025	10.9	14.7	13.0	12.1	13.3	10.9	10.9	10.3	9.4	5.1	4.9	4.9	4.6	4.3	4.4	4.2	3.7	3.6	3.7	4.5	6.4	8.3	10.8	10.5	7.9	24
2/23/2025	11.1	11.2	13.9	16.2	17.5	18.2	17.6	17.1	20.0	24.0	20.8	25.7	22.1	17.2	16.0	19.4	27.7	15.1	14.5	15.6	13.7	14.1	13.9	15.3	17.4	24
2/24/2025	15.9	16.4	18.9	20.5	22.2	24.1	25.6			52.0	61.2	61.0	28.4	26.7	23.7	23.3	20.5	17.5	20.0	20.1	20.4	23.9			27.1	20
2/25/2025						25.0	23.6	24.5		44.4	26.5	20.8	15.2	13.2	9.6	13.4	13.6	13.0	16.5	22.8	25.5	41.8	43.0		23.1	17
2/26/2025										62.0	59.3	43.9	24.6	15.7	12.6	11.1	12.5	11.0	12.2	15.9	23.2	25.0	26.3	43.2	26.6	15
2/27/2025	43.2	27.7	41.8	45.0		45.0			27.9	24.1	20.7	17.0	15.1	14.4	113.7	22.2	11.3	9.1	9.7	11.1	10.9	13.2	15.3	14.7	26.3	21
2/28/2025	7.9	6.0	5.9	5.6	5.8	7.4	11.1	8.6	6.7	7.5	6.0	5.6	5.6	5.4	6.9	5.8	7.6	7.0	4.4	4.1	4.0	3.7	4.0	4.8	6.1	24
avg	10.4	11.1	11.4	12.8	11.5	14.1	12.9	12.4	13.0	16.7	15.3	13.3	10.3	9.3	12.6	9.5	9.4	8.4	9.3	9.6	9.9	11.3	11.4	11.0	12.0	
min	1.3	1.6	2.1	2.4	2.5	2.8	2.8	3.6	3.9	4.0	1.2	1.2	1.5	1.6	2.2	2.9	3.2	3.2	3.0	3.0	2.0	1.8	2.2	2.2	2.9	
max	43.2	27.7	41.8	45.0	41.1	45.0	46.4	52.1	52.3	62.0	61.2	61.0	28.4	26.7	113.7	23.3	27.7	17.5	20.0	22.8	25.5	41.8	43.0	43.2	27.1	631

Saroad Table - Hourly PM2.5 Data
February 2025

Location: Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
2/1/2025	0.10	0.12	0.14	0.13	0.13	0.18	0.21	0.24	0.25	0.19	0.27	0.23	0.24	0.23	0.22	0.28	0.42	0.35	0.49	0.75	0.59	0.61	0.79	0.90	0.34	24
2/2/2025	0.97	1.19	1.81	2.82	3.46	3.02	0.84	1.22	0.88	0.54	0.22	0.20	0.14	0.17	0.17	0.14	0.23	0.28	0.45	0.62	0.29	0.31	0.74	0.61	0.89	24
2/3/2025	0.57	0.66	0.76	1.47	2.30	3.53	2.87	3.97	4.26	1.26	1.51	1.19	0.66	0.42	0.51	0.46	0.50	0.75	1.93	0.67	1.02	0.73	0.60	0.35	1.37	24
2/4/2025	0.34	0.22	0.32	0.46	0.79	0.61	0.78	1.08	0.86	1.06	0.73	0.59	0.52	0.48	0.45	0.50	0.44	0.64	0.78	0.89	1.21	1.37	1.64	1.87	0.78	24
2/5/2025	1.64	1.72	1.70	1.76	1.95	2.09	2.31	2.88	2.30	1.91	1.51	0.95	0.60	0.55	0.46	0.51	0.55	0.80	1.10	1.19	1.15	1.15	1.02	1.25	1.38	24
2/6/2025	1.75	1.21	1.09	0.95	1.08	0.92	1.06	1.31	0.93	1.11	1.03	0.99	0.84	0.72	0.79	1.02	0.83	0.59	0.80	1.13	0.71	0.66	0.78	0.85	0.96	24
2/7/2025	0.71	0.89	0.82	0.71	0.57	0.57	5.83	3.02	1.00	0.52	0.51	0.44	0.38	0.32	0.36	0.37	0.29	0.37	0.52	0.64	0.69	0.58	0.68	0.70	0.90	24
2/8/2025	0.77	0.93	0.89	0.86	1.01	1.04	1.33	1.23	1.06	1.06	0.66	0.45	0.46	0.39	0.31	0.30	0.33	0.72	0.74	0.65	0.64	0.74	0.76	0.66	0.75	24
2/9/2025	0.77	1.09	0.95	0.66	0.58	0.54	0.40	0.35	0.35	0.29	0.23	0.21	0.22	0.25	0.25	0.32	0.33	0.36	0.64	0.90	0.89	1.17	1.09	1.40	0.59	24
2/10/2025	1.41	1.03	0.83	0.76	0.65	0.70	0.86	0.96	1.08	1.13	1.03	0.77	0.57	0.48	0.74	0.81	0.95	1.06	0.65	0.63	0.67	0.73	0.82	0.53	0.83	24
2/11/2025	0.25	0.26	0.27	0.35	0.24	0.29	0.65	1.23	1.13	1.06	1.41	1.04	0.72	0.30	0.33	0.37	0.87	0.94	0.80	0.48	0.89	0.75	0.96	1.01	0.69	24
2/12/2025	1.02	1.27	1.62	1.63	1.17	0.91	1.78	2.04	3.04	1.39	1.81	2.33	1.07	0.68	0.47	0.49	0.39	0.44	0.62	0.59	0.59	0.33	0.26	0.19	1.09	24
2/13/2025	0.24	0.35	0.39	0.44	0.44	0.45	0.35	0.36	0.34	0.29	0.41	0.39	0.64	0.81	0.83	0.85	0.58	0.32	0.43	0.46	0.30	0.20	0.27	0.22	0.43	24
2/14/2025	0.30	0.24	0.42	0.26	0.26	0.66	1.77	1.95	1.37	0.52	0.33	0.35	0.29	0.34	0.36	0.23	0.31	0.46	0.94	0.76	0.59	0.42	0.62	0.63	0.60	24
2/15/2025	0.71	0.49	0.98	1.15	0.63	0.44	0.38	1.05	1.52	0.93	0.66	0.71	0.57	0.28	0.28	0.32	0.22	0.20	0.14	0.10	0.12	0.08	0.05	0.04	0.50	24
2/16/2025	0.05	0.09	0.12	0.13	0.13	0.12	0.16	0.19	0.21	0.18	0.09	0.12	0.08	0.56	0.09	0.06	0.07	0.08	0.13	0.13	0.11	0.16	0.12	0.09	0.14	24
2/17/2025	0.10	0.13	0.17	0.17	0.19	0.23	0.30	0.30	0.24	0.21	0.21	0.18	0.21	0.20	0.21	0.24	0.23	0.24	0.32	0.52	0.60	0.94	1.26	1.18	0.36	24
2/18/2025	1.09	1.13	1.02	1.15	1.96	2.66	2.47	4.00	1.96	2.21	0.80	0.27	0.35	0.27	0.30	0.37	0.32	0.49	0.41	0.39	0.42	0.57	0.79	1.18	1.11	24
2/19/2025	1.80	1.00	1.10	1.23	1.01	0.61	0.69	1.95	2.85	1.82	1.00	0.82	0.62	0.81	0.74	0.75	0.92	0.45	0.45	0.21	0.22	0.17	0.17	0.20	0.90	24
2/20/2025	0.24	0.23	0.26	0.27	0.41	0.39	0.37	0.38	0.39	0.36	0.45	0.48	0.30	0.23	0.20	0.20	0.19	0.31	0.41	0.51	0.44	0.68	0.69	0.56	0.37	24
2/21/2025	0.26	0.23	0.23	0.18	0.23	0.30	0.31	0.41	0.44	0.35	0.22	0.34	0.25	0.21	0.20	0.17	0.14	0.21	0.25	0.35	0.72	0.85	0.85	1.16	0.37	24
2/22/2025	1.70	2.15	2.56	3.70	3.80	3.58	2.88	2.31	1.92	0.69	0.23	0.15	0.15	0.19	0.20	0.26	0.26	0.34	0.52	0.97	0.75	0.68	0.95	1.04	1.33	24
2/23/2025	1.02	1.18	1.54	1.98	2.02	1.49	1.65	1.73	2.00	1.27	0.93	1.01	0.96	0.82	0.66	0.69	0.98	0.85	0.87	0.90	0.86	0.91	0.96	1.08	1.18	24
2/24/2025	1.11	1.16	1.44	1.59	1.79	1.65	1.69	2.51	2.86	2.03	2.94	3.28	1.84	1.68	1.79	1.49	1.41	1.02	0.87	0.95	1.22	1.68	2.00	2.09	1.75	24
2/25/2025	2.42	2.53	2.99	2.69	2.55	1.71	1.54	1.23	1.70	1.72	1.58	1.16	0.76	0.68	0.51	0.77	0.70	0.58	0.54	0.89	1.33	1.40	1.65	1.88	1.48	24
2/26/2025	2.42	3.05	2.18	2.01	1.81	1.73	1.96	2.53	2.43	2.11	1.85	1.54	1.12	0.55	0.42	0.35	0.57	0.51	0.64	0.82	1.25	1.36	1.14	1.10	1.48	24
2/27/2025	1.20	1.31	1.41	1.51	1.47	1.65	1.96	2.07	1.72	1.29	1.09	0.96	0.81	0.95	3.55	1.15	0.69	0.59	0.57	0.55	0.83	1.07	1.09	0.78	1.26	24
2/28/2025	0.28	0.24	0.41	0.25	0.26	0.35	0.47	0.48	0.48	0.32	0.21	0.13	0.16	0.16	0.24	0.17	0.38	0.59	0.37	0.20	0.23	0.25	0.28	0.52	0.31	24
avg	0.90	0.93	1.02	1.12	1.17	1.16	1.35	1.53	1.41	0.99	0.85	0.76	0.55	0.49	0.56	0.49	0.50	0.52	0.62	0.64	0.69	0.73	0.82	0.86	0.86	
min	0.05	0.09	0.12	0.13	0.13	0.12	0.16	0.19	0.21	0.18	0.09	0.12	0.08	0.16	0.09	0.06	0.07	0.08	0.13	0.10	0.11	0.08	0.05	0.04	0.14	
max	2.42	3.05	2.99	3.70	3.80	3.58	5.83	4.00	4.26	2.21	2.94	3.28	1.84	1.68	3.55	1.49	1.41	1.06	1.93	1.19	1.33	1.68	2.00	2.09	1.75	672

Saroad Table - Hourly PM2.5 Data
February 2025

Location: Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
2/1/2025	0.14	0.31	0.17	0.42	0.64	0.28	0.21	0.27	0.22	0.20	0.40	0.27	0.26	0.26	0.32	0.31	0.52	0.30	0.21	0.31	0.46	1.82	0.34	0.93	0.40	24
2/2/2025	0.75	0.32	0.24	0.15	0.14	0.12	0.15	0.13	0.15	0.20	0.08	0.09	0.12	0.11	0.14	0.18	0.17	0.15	0.12	0.18	0.10	0.11	0.12	0.76	0.20	24
2/3/2025	0.15	0.21	0.12	0.18	0.07	0.09	0.09	0.10	0.07	0.03	0.05	0.33	1.13	0.71	0.11	0.19	0.31	0.28	0.22	0.27	0.11	0.11	0.11	0.09	0.21	24
2/4/2025	0.24	0.23	0.33	0.49	0.63	0.79	0.55	0.78	1.04	0.82	0.59	0.53	0.49	0.47	0.52	0.53	0.51	0.47	0.46	0.52	0.51	0.55	0.61	0.70	0.56	24
2/5/2025	1.12	1.39	1.42	1.11	1.20	1.26	1.74	1.90	1.34	1.18	1.00	1.03	1.07	1.13	0.70	0.96	0.81	0.63	0.51	0.67	0.76	0.56	0.64	0.38	1.02	24
2/6/2025	0.27	0.34	0.45	0.45	0.38	0.33	0.46	0.45	0.62	0.66	0.81	0.85	0.70	0.63	0.84	0.72	0.54	0.61	0.62	0.66	0.71	0.71	0.69	0.73	0.59	24
2/7/2025	0.94	0.95	0.80	0.71	0.83	0.76	0.54	0.60	0.71	0.62	0.50	0.38	0.34	0.34	0.36	0.39	0.40	0.38	0.41	0.54	0.61	0.69	0.56	0.57	0.58	24
2/8/2025	0.60	0.77	0.77	0.73	0.78	1.10	0.85	0.85	0.67	0.69	0.62	0.67	0.57	0.47	0.49	0.49	0.40	0.35	0.34	0.35	0.33	0.36	0.53	0.75	0.61	24
2/9/2025	0.76	0.66	0.55	0.42	0.48	0.44	0.30	0.21	0.24	0.28	0.32	0.36	0.36	0.45	0.33	0.34	0.36	0.36	0.26	0.30	0.35	0.37	0.40	0.47	0.39	24
2/10/2025	0.52	0.53	0.59	0.64	1.35	1.07	1.46	1.78	1.54	0.94	0.69	0.61	0.34	0.29	0.30	0.25	0.68	0.89	0.17	0.10	0.10	0.11	0.15	0.18	0.64	24
2/11/2025	0.20	0.17	0.15	0.44	0.21	0.49	0.45	0.85	0.42	0.38	0.25	0.27	0.31	0.32	0.33	0.40	0.35	0.37	0.41	0.55	0.63	0.65	0.87	0.96	0.43	24
2/12/2025	0.65	0.62	0.45	0.42	0.46	0.46	0.46	0.33	0.27	0.18	0.16	0.16	0.18	0.29	0.26	0.32	0.22	0.16	0.13	0.10	0.07	0.06	0.04	0.13	0.27	24
2/13/2025	0.22	0.29	0.25	0.42	0.48	0.48	0.59	0.60	0.47	0.24	0.15	0.20	0.38	0.73	0.63	0.52	0.50	0.47	0.36	0.14	0.15	0.21	0.21	0.19	0.37	24
2/14/2025	0.17	0.17	0.19	0.14	0.15	0.17	0.28	0.26	0.19	0.14	0.16	0.15	0.15	0.14	0.21	0.17	0.15	0.15	0.16	0.18	0.16	0.26	0.28	0.11	0.18	24
2/15/2025	0.17	0.10	0.16	0.17	0.50	0.22	0.11	0.16	0.13	0.24	0.45	0.21	0.15	0.25	0.11	0.12	0.05	0.05	0.09	0.04	0.09	0.05	0.06	0.10	0.16	24
2/16/2025	0.12	0.06	0.12	0.14	0.16	0.18	0.10	0.10	0.10	0.11	0.12	0.16	0.10	0.09	0.13	0.20	0.21	0.15	0.15	0.23	0.13	0.12	0.14	0.28	0.14	24
2/17/2025	0.19	0.23	0.24	0.27	0.23	0.23	0.25	0.49	0.30	0.25	0.51	0.16	0.21	0.15	0.16	0.34	0.17	0.59	0.17	0.17	0.21	0.41	0.35	0.43	0.28	24
2/18/2025	0.50	0.53	1.03	0.65	0.53	0.50	0.95	0.26	0.25	0.27	0.31	0.21	0.20	0.27	0.26	0.19	0.23	0.24	0.17	0.23	0.62	0.17	0.17	0.67	0.39	24
2/19/2025	0.21	0.19	0.28	0.12	0.36	0.21	0.23	0.28	0.28	0.34	0.56	0.29	0.29	0.23	0.30	0.27	0.29	0.50	0.41	0.21	0.18	0.29	0.15	0.14	0.27	24
2/20/2025	0.19	0.09	0.14	0.18	0.20	0.25	0.43	0.71	0.63	0.40	0.33	0.23	0.15	0.16	0.19	0.19	0.34	0.52	0.70	0.56	0.36	0.35	0.28	0.24	0.33	24
2/21/2025	0.35	0.15	0.16	0.13	0.96	1.12	1.19	0.69	0.31	0.16	0.26	0.17	0.15	0.28	2.63	0.42	0.46	0.38	0.48	0.53	0.61	0.23	0.13	0.19	0.51	24
2/22/2025	0.24	0.29	0.21	0.24	0.18	0.18	0.18	0.16	0.42	0.22	0.17	0.13	0.43	0.12	0.12	0.13	0.19	0.17	0.16	0.18	0.33	1.60	0.88	0.78	0.32	24
2/23/2025	0.83	0.96	1.35	1.62	1.53	1.38	1.17	0.93	0.95	0.96	0.95	0.93	0.88	0.81	0.79	0.83	0.76	0.79	0.80	0.83	0.87	0.95	0.96	0.99	0.99	24
2/24/2025	1.06	1.10	1.14	1.24	1.27	1.55	2.02	2.15	1.98	1.31	1.12	0.97	0.74	0.65	0.87	0.97	1.13	1.61	1.12	1.19	1.36	1.01	0.93	0.94	1.23	24
2/25/2025	1.02	1.02	1.10	1.02	0.97	0.95	1.15	1.10	1.05	0.92	0.79	0.70	0.83	1.11	1.04	1.05	1.20	1.42	1.36	1.25	1.31	1.53	2.20	1.95	1.17	24
2/26/2025	1.95	1.97	1.81	1.61	1.84	1.85	2.42	2.39	1.59	1.44	1.12	1.26	1.20	1.11	1.30	1.43	1.45	1.56	1.51	1.58	1.70	1.95	1.87	1.79	1.65	24
2/27/2025	1.40	1.40	1.37	1.42	1.42	1.34	1.31	1.20	1.07	0.98	1.05	0.79	0.72	0.72	0.71	0.69	0.45	0.51	0.69	0.86	1.01	0.37	0.26	0.23	0.91	24
2/28/2025	0.22	0.48	0.77	0.54	0.71	1.08	0.53	0.24	0.15	0.22	0.23	0.20	0.16	0.17	0.20	0.23	0.18	0.11	0.10	0.11	0.11	0.18	0.38	0.65	0.33	24
avg	0.54	0.55	0.58	0.57	0.67	0.67	0.72	0.71	0.61	0.51	0.49	0.44	0.45	0.44	0.51	0.46	0.47	0.51	0.44	0.46	0.50	0.56	0.51	0.58	0.54	
min	0.12	0.06	0.12	0.12	0.07	0.09	0.09	0.10	0.07	0.03	0.05	0.09	0.10	0.09	0.11	0.12	0.05	0.05	0.09	0.04	0.07	0.05	0.04	0.09	0.14	
max	1.95	1.97	1.81	1.62	1.84	1.85	2.42	2.39	1.98	1.44	1.12	1.26	1.20	1.13	2.63	1.43	1.45	1.61	1.51	1.58	1.70	1.95	2.20	1.95	1.65	672

Saroad Table - Hourly PM2.5 Data
February 2025

Location: Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
2/1/2025	0.11	0.15	0.17	0.15	0.16	0.17	0.19	1.00	0.76	0.70	0.96	0.85	0.61	0.39	0.39	1.41	0.86	1.23	1.21	1.54	1.54	1.68	0.62	0.51	0.72	24
2/2/2025	0.48	0.49	0.44	0.40	0.50	0.47	0.35	0.36	0.16	0.25	0.28	0.21	0.41	1.18	1.14	0.45	0.45	1.53	1.04	0.61	0.36	0.57	0.38	0.37	0.54	24
2/3/2025	0.25	0.34	0.16	0.14	0.12	0.11	0.36	0.35	0.61	0.66	1.00	1.06	1.21	0.47	0.60	0.56	0.78	0.94	0.62	0.48	0.60	0.78	0.86	0.41	0.56	24
2/4/2025	0.30	0.32	0.49	0.63	0.59	0.68	1.31	1.75	1.62	1.28	1.01	0.77	0.64	0.81	0.56	0.67	0.98	1.46	1.07	3.52	3.92	3.66	3.38	2.36	1.41	24
2/5/2025	1.98	1.71	1.98	2.39	2.41	2.45	3.21	3.74	3.35	2.79	2.32	1.41	0.77	0.60	0.53	0.48	0.52	0.65	1.43	1.40	1.10	1.68	1.34	1.15	1.72	24
2/6/2025	0.79	1.27	1.12	0.85	0.89	0.56	1.01	0.83	0.60	1.27	1.06	1.20	1.13	0.89	0.97	1.31	1.00	0.61	0.45	0.50	0.54	0.65	0.86	0.98	0.89	24
2/7/2025	0.96	1.17	1.12	0.99	0.83	0.76	1.11	1.62	1.28	0.96	0.77	1.07	0.52	0.53	0.47	0.44	0.47	0.73	0.74	0.91	0.91	0.83	1.02	0.96	0.88	24
2/8/2025	0.92	1.10	1.49	1.08	1.20	1.28	1.15	1.07	1.00	0.99	0.77	0.51	0.43	0.45	0.44	0.85	0.91	0.73	0.93	0.74	0.54	0.49	0.82	0.47	0.85	24
2/9/2025	0.59	0.75	0.80	0.83	0.67	0.59	0.50	0.48	0.45	0.40	0.30	0.27	0.29	0.32	0.33	0.37	0.41	0.43	0.62	0.73	1.30	0.86	1.70	1.32	0.64	24
2/10/2025	0.67	0.54	0.61	0.76	0.84	0.94	1.06	1.44	1.58	1.62	2.61	1.78	1.14	1.60	0.91	0.61	0.59	1.02	0.92	1.89	1.24	0.68	0.65	0.14	1.08	24
2/11/2025	0.13	0.14	0.19	0.17	0.19	0.20	0.16	0.31	0.27	0.29	0.31	0.33	0.28	0.54	0.37	0.39	0.27	0.37	0.40	0.44	0.49	0.54	0.49	0.67	0.33	24
2/12/2025	0.82	1.12	0.90	1.15	1.45	1.33	1.04	0.65	0.63	0.99	0.69	0.48	0.54	0.68	0.57	0.27	0.37	0.37	0.43	0.41	0.36	0.28	0.24	0.25	0.67	24
2/13/2025	0.26	0.37	0.40	0.43	0.42	0.44	0.34	0.42	0.34	0.41	0.40	0.63	1.07	1.04	0.62	0.89	0.74	0.55	0.61	0.49	0.49	0.56	1.00	1.80	0.61	24
2/14/2025	0.93	0.95	0.44	0.37	0.25	0.31	0.41	0.19	0.20	0.20	0.18	0.24	0.24	0.22	0.27	0.24	0.20	0.18	0.14	0.32	0.49	0.24	0.21	0.23	0.32	24
2/15/2025	0.15	0.23	0.14	0.19	0.18	0.17	0.19	0.19	0.22	1.30	0.37	0.94	0.67	2.37	1.31	0.72	0.35	0.48	1.30	1.07	0.24	0.14	0.09	0.06	0.54	24
2/16/2025	0.07	0.10	0.14	0.13	0.11	0.13	0.16	0.20	0.20	0.21	0.08	0.12	0.13	0.14	0.12	0.10	0.10	0.16	0.18	0.25	0.24	0.14	0.35	0.14	0.15	24
2/17/2025	0.11	0.18	0.92	0.67	0.64	0.89	0.71	0.90	0.93	0.66	0.45	0.36	0.30	0.49	0.63	0.51	0.52	0.30	0.54	0.43	0.52	0.57	0.84	1.68	0.61	24
2/18/2025	1.13	0.85	1.59	1.25	0.92	1.45	1.01	0.89	0.47	0.52	0.29	0.26	0.31	0.50	0.37	0.27	0.24	0.33	0.41	0.54	0.56	0.23	0.37	0.22	0.62	24
2/19/2025	0.23	0.39	0.32	0.30	0.18	0.37	0.26	0.30	0.45	0.60	0.93	0.46	0.62	0.69	0.48	0.40	0.52	0.51	0.41	0.26	0.15	0.19	0.11	0.18	0.39	24
2/20/2025	0.10	0.11	0.29	0.23	0.39	0.41	0.18	0.86	0.60	0.48	0.56	0.60	0.37	0.30	0.27	0.62	0.96	0.47	0.27	0.38	0.49	0.42	0.40	0.52	0.43	24
2/21/2025	0.20	0.21	0.22	0.24	0.23	0.21	0.23	0.29	0.21	0.24	0.25	0.21	0.38	0.78	0.75	0.28	0.93	1.09	0.33	0.22	0.48	0.44	0.63	1.06	0.42	24
2/22/2025	1.90	0.82	0.72	2.06	0.79	0.43	0.48	0.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.96	8
2/23/2025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
2/24/2025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0
2/25/2025	--	--	--	--	--	--	--	--	--	--	--	--	--	1.85	2.04	1.46	2.15	0.95	1.27	1.57	1.72	1.93	1.83	2.22	1.73	11
2/26/2025	3.90	4.09	2.85	1.86	2.00	2.22	2.38	4.00	3.43	4.80	5.10	3.36	1.65	0.69	0.54	0.46	0.64	0.63	0.70	0.94	1.26	1.38	1.44	1.47	2.16	24
2/27/2025	1.42	1.28	1.40	1.45	1.47	1.50	1.70	2.22	1.79	1.50	1.25	1.11	0.99	0.99	3.29	1.30	0.66	0.65	0.62	0.74	0.78	1.03	1.18	1.03	1.31	24
2/28/2025	0.95	0.86	1.54	0.54	0.32	0.74	0.76	1.15	1.98	8.45	10.59	0.46	0.34	0.24	0.40	0.24	0.49	0.32	0.22	0.23	0.23	0.28	0.28	0.37	1.33	24
avg	0.77	0.78	0.82	0.77	0.71	0.75	0.81	1.03	0.96	1.32	1.36	0.78	0.63	0.75	0.73	0.61	0.64	0.67	0.67	0.82	0.82	0.81	0.84	0.82	0.84	
min	0.07	0.10	0.14	0.13	0.11	0.11	0.16	0.19	0.16	0.20	0.08	0.12	0.13	0.14	0.12	0.10	0.10	0.16	0.14	0.22	0.15	0.14	0.09	0.06	0.15	
max	3.90	4.09	2.85	2.39	2.41	2.45	3.21	4.00	3.43	8.45	10.59	3.36	1.65	2.37	3.29	1.46	2.15	1.53	1.43	3.52	3.92	3.66	3.38	2.36	2.16	595

Saroad Table - Corrected Hourly PM2.5 Data
March 2025

Location: Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2025	7.2	12.4	16.1	18.6	23.0	26.2	27.2	24.6	18.1	15.7	18.0	11.4	10.3	10.7	13.2	16.4	16.5	15.7	14.3	21.0	22.1	19.6	19.1	24.6	17.6	24
3/2/2025	14.5	7.6	7.4	5.1	4.1	4.0	4.2	4.3	5.5	7.1	8.0	7.9	7.7	8.1	8.1	7.3	7.6	7.6	6.6	6.6	6.0	6.9	7.2	7.5	7.0	24
3/3/2025	9.0	10.6	12.8	12.8	12.0	13.5	12.0	12.8	7.7	6.3	4.9	4.1	4.2	4.1	4.2	4.0	3.7	3.6	2.7	2.7	3.1	3.0	2.6	2.9	6.6	24
3/4/2025	3.8	2.5	2.1	2.1	2.7	1.8	2.7	3.0	3.2	3.7	2.5	2.9	2.7	2.6	1.9	1.9	1.0	0.7	1.3	1.6	1.7	1.8	1.9	2.2	2.3	24
3/5/2025	2.6	2.7	2.7	2.7	2.6	2.4	2.4	2.8	3.2	3.6	0.2	0.2	1.0	3.4	3.9	4.6	4.8	4.7	4.1	4.0	4.0	3.9	3.6	3.0	3.0	24
3/6/2025	2.6	2.4	2.3	2.3	2.3	2.6	2.5	2.6	2.8	3.0	3.2	3.6	4.0	4.2	4.4	4.3	4.4	4.6	4.7	5.0	5.2	4.2	4.1	4.3	3.6	24
3/7/2025	4.3	4.1	4.1	3.9	4.8	5.5	5.9	6.7	6.2	6.6	7.1	6.8	6.5	5.7	5.9	5.5	5.8	5.4	4.7	4.6	3.9	3.4	6.3	5.0	5.4	24
3/8/2025	4.5	6.2	11.2	20.6	22.2	15.1	10.1	8.1	6.6	12.3	11.2	8.1	6.2	6.2	20.5	14.0	8.4	8.8	9.7	11.2	12.6	10.8	9.6	10.1	11.0	24
3/9/2025	8.1	5.0	6.9	10.1	9.0	7.2	6.5	5.0	4.4	4.5	4.0	4.5	4.6	4.5	4.4	4.1	3.6	3.5	3.2	3.0	2.7	2.7	3.0	3.0	4.9	24
3/10/2025	3.3	2.7	1.7	1.8	1.2	0.6	1.4	1.4	1.5	2.4	2.9	3.9	4.7	0.7	0.8	0.3	0.4	0.4	0.6	0.7	0.6	1.5	1.1	0.9	1.6	24
3/11/2025	1.7	1.8	1.8	1.8	2.1	2.0	2.2	3.7	9.0	15.2	18.1	5.9	5.4	5.4	6.6	5.3	6.0	5.7	5.7	5.0	20.5	22.9	24.1	16.4	8.1	24
3/12/2025	8.7	8.7	8.4	10.2	10.1	10.8	11.3	12.3	12.8	14.0	13.9	10.8	10.6	10.3	9.5	9.6	11.9	10.5	9.2	8.8	8.1	7.7	7.8	8.1	10.2	24
3/13/2025	8.2	10.1	12.9	11.4	10.9	11.5	15.8	13.1	12.0	8.7	6.7	7.8	6.2	6.1	6.4	6.3	6.9	8.6	6.7	4.6	4.0	3.3	4.8	4.9	8.3	24
3/14/2025	9.1	10.6	16.8	9.8	9.9	10.0	11.8	11.8	9.3	7.5	7.6	7.1	7.4	7.7	7.4	6.8	7.8	8.2	8.4	9.6	10.6	13.2	14.8	18.7	10.1	24
3/15/2025	22.2	44.6	49.1	42.0	17.9	14.4	11.0	13.3	14.4	13.6	4.0	4.2	3.8	5.0	4.2	3.7	3.8	3.6	5.9	3.6	3.2	2.8	2.8	2.8	12.3	24
3/16/2025	2.8	3.1	3.4	6.1	10.3	10.8	8.6	6.6	5.9	6.7	8.2	8.4	3.5	1.0	1.6	1.5	2.5	2.1	1.7	2.1	2.2	3.2	4.1	4.4	4.6	24
3/17/2025	4.4	4.9	4.1	4.2	4.2	3.7	2.8	2.6	2.7	3.2	3.4	3.8	4.2	4.4	4.7	5.2	6.2	5.4	5.2	5.0	4.7	4.3	4.1	3.9	4.2	24
3/18/2025	3.7	3.5	3.4	3.5	3.9	4.5	4.9	4.9	5.1	4.5	5.1	5.2	5.3	6.0	6.2	7.5	4.8	5.4	4.3	3.8	3.7	3.4	6.0	8.4	4.9	24
3/19/2025	4.2	2.7	4.5	3.3	3.0	3.3	3.1	13.3	7.1	8.7	9.4	9.1	10.6	9.9	9.1	9.2	10.4	12.5	10.1	9.0	8.7	7.3	5.3	5.5	7.5	24
3/20/2025	4.8	5.1	6.6	6.5	6.7	6.9	7.8	8.0	10.5	7.8	6.1	6.3	6.9	4.1	0.8	2.8	3.4	3.8	4.5	5.0	5.0	2.9	2.5	2.4	5.3	24
3/21/2025	2.5	2.3	2.2	2.1	2.2	2.2	2.2	2.8	3.6	4.0	4.1	4.7	4.6	6.7	6.8	5.6	5.5	5.6	5.5	5.4	4.9	4.2	8.8	12.5	4.6	24
3/22/2025	13.1	12.8	13.2	11.8	8.6	7.0	7.2	16.9	17.1	13.1	10.3	9.0	9.1	9.4	12.7	11.6	8.8	8.5	8.6	11.4	13.7	11.8	10.7	11.2	11.2	24
3/23/2025	12.1	14.3	15.2	20.2	26.4	45.8	53.6	57.1	43.3	20.2	17.0	12.2	9.6	8.5	8.6	11.4	15.0	15.8	14.3	10.3	7.1	5.7	4.8	4.1	18.9	24
3/24/2025	3.9	3.8	4.3	4.5	4.5	4.6	6.4	6.2	3.8	3.5	6.0	3.5	3.9	3.7	4.0	4.3	4.3	4.7	5.8	6.0	6.6	6.0	4.7	3.4	4.7	24
3/25/2025	3.3	3.9	4.6	6.1	7.6	10.0	11.2	13.1	10.8	7.5	5.9	6.4	6.0	6.0	6.2	5.7	5.0	5.2	4.7	4.6	4.6	7.2	5.9	7.1	6.6	24
3/26/2025	7.5	6.5	6.9	8.2	8.6	9.5	9.7	10.4	8.8	7.1	6.8	7.1	6.6	6.1	6.6	5.6	6.2	5.4	5.3	4.8	5.1	7.0	6.9	11.7	7.3	24
3/27/2025	8.0	6.9	7.5	7.2	7.0	7.2	7.6	6.9	5.4	5.1	5.6	5.7	6.1	5.9	5.9	5.9	6.0	5.3	4.7	4.4	4.7	5.1	5.1	8.2	6.1	24
3/28/2025	10.9	10.3	10.2	8.7	7.3	6.5	7.1	8.6	7.0	7.5	6.6	5.6	5.2	4.6	4.8	4.6	4.5	4.5	3.9	3.4	3.7	3.3	3.0	2.8	6.0	24
3/29/2025	4.0	6.2	6.8	10.6	18.0	5.9	9.3	9.8	3.9	3.5	3.6	3.6	3.7	3.6	4.2	4.7	4.4	3.6	3.7	3.5	2.9	2.6	2.9	2.8	5.3	24
3/30/2025	3.6	3.8	4.0	4.6	4.3	5.2	5.8	6.5	4.8	3.5	3.6	3.5	3.6	3.2	1.8	0.2	1.7	1.2	2.2	4.8	3.9	5.4	4.2	1.6	3.6	24
3/31/2025	0.0	0.3	1.0	1.5	2.7	4.3	4.9	4.7	5.7	5.2	5.1	7.1	7.1	7.4	5.9	6.4	5.1	0.5	0.4	1.0	1.5	4.9	3.4	5.1	3.8	24
avg	6.4	7.2	8.2	8.5	8.4	8.5	9.0	9.8	8.5	7.6	7.1	6.1	5.8	5.6	6.2	6.0	6.0	5.8	5.6	5.7	6.2	6.2	6.3	6.8	7.0	
min	0.0	0.3	1.0	1.5	1.2	0.6	1.4	1.4	1.5	2.4	0.2	0.2	1.0	0.7	0.8	0.2	0.4	0.4	0.4	0.7	0.6	1.5	1.1	0.9	1.6	
max	22.2	44.6	49.1	42.0	26.4	45.8	53.6	57.1	43.3	20.2	18.1	12.2	10.6	10.7	20.5	16.4	16.5	15.8	14.3	21.0	22.1	22.9	24.1	24.6	18.9	744

Saroad Table - Corrected Hourly PM2.5 Data
March 2025

Location: Carver Village **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2025	8.3	13.3	17.6	21.6	24.2	26.8	27.9	26.9	20.2	16.4	17.7	13.6	11.8	15.3	24.8	23.7	15.5	13.8	14.5	21.3	20.8	20.5	22.6	24.5	19.3	24
3/2/2025	19.5	9.6	9.6	6.1	5.0	4.7	5.2	5.3	5.8	8.5	8.6	8.7	7.5	8.0	8.9	7.8	7.7	7.1	7.5	6.8	6.8	7.3	7.2	7.3	7.8	24
3/3/2025	8.3	16.9	10.1	10.6	11.1	12.1	14.3	13.6	8.3	6.3	4.1	5.1	4.0	4.1	4.1	3.8	3.6	3.5	2.8	2.5	2.7	2.2	2.2	2.7	6.6	24
3/4/2025	2.7	2.3	1.9	2.2	2.2	1.7	2.1	3.6	3.9	3.0	3.3	2.8	2.5	2.3	1.5	1.6	1.3	1.3	1.6	2.0	2.3	2.4	2.5	3.1	2.3	24
3/5/2025	3.6	3.9	3.9	4.0	4.1	3.9	4.0	4.5	5.1	5.7	3.0	0.4	1.3	3.4	5.0	6.2	6.0	5.8	5.2	4.7	4.4	4.5	4.1	3.3	4.2	24
3/6/2025	2.8	2.7	2.6	2.5	2.6	2.8	2.7	2.9	3.1	3.1	3.2	3.6	4.2	4.5	4.6	4.7	4.7	4.7	4.5	4.3	4.5	4.3	5.1	6.1	3.8	24
3/7/2025	6.2	5.2	5.2	5.7	6.6	6.4	7.2	8.4	8.5	6.6	6.3	6.7	6.9	7.2	5.9	6.3	6.2	5.8	5.6	5.9	4.9	4.6	4.1	4.3	6.1	24
3/8/2025	5.8	7.9	12.1	23.3	21.1	14.4	10.5	8.7	8.0	7.4	6.6	6.7	6.9	8.4	27.9	16.1	13.2	11.1	11.2	14.3	11.4	8.6	8.0	8.4	11.6	24
3/9/2025	9.1	9.3	6.5	15.8	10.0	7.7	6.5	5.6	5.1	4.7	3.8	4.2	4.3	4.8	5.3	4.8	4.7	4.0	3.7	3.6	3.5	3.1	2.7	3.0	5.7	24
3/10/2025	4.3	3.2	2.1	1.9	1.4	0.6	2.1	1.5	5.3	2.1	3.1	6.1	6.3	1.0	1.4	0.8	0.2	0.8	0.7	0.4	0.9	2.1	1.3	1.1	2.1	24
3/11/2025	2.0	2.4	2.4	2.3	2.6	2.3	2.6	4.9	8.3	9.9	11.9	8.8	6.0	5.8	7.0	5.8	6.4	6.0	6.3	7.5	8.5	8.2	9.5	10.6	6.2	24
3/12/2025	11.1	11.3	11.4	12.4	13.8	14.7	15.4	16.5	14.4	15.8	14.8	12.0	11.6	11.3	10.7	11.6	13.0	11.2	10.3	10.2	9.1	9.0	8.6	12.4	12.2	24
3/13/2025	10.4	13.9	14.7	14.3	14.8	16.1	17.9	16.6	13.2	8.9	7.4	7.3	6.4	6.3	6.7	6.9	7.3	7.5	6.2	5.3	4.1	4.0	4.6	6.0	9.5	24
3/14/2025	9.1	8.3	10.1	13.6	12.1	13.0	12.1	15.3	15.6	10.4	8.7	6.5	7.4	8.2	7.5	7.6	8.6	8.9	9.8	19.1	44.9	16.1	16.6	15.2	12.7	24
3/15/2025	17.8	22.6	16.5	11.6	12.4	14.1	14.5	16.0	9.7	5.4	4.2	4.5	4.2	4.6	4.2	4.4	4.6	4.4	3.9	3.7	3.3	3.2	3.4	3.4	8.2	24
3/16/2025	3.9	4.4	4.6	7.6	12.3	12.4	9.0	8.5	7.2	8.9	10.7	9.4	2.7	1.8	1.9	4.1	3.5	2.9	2.4	2.9	3.6	4.6	4.8	5.4	5.8	24
3/17/2025	5.7	6.0	5.2	4.6	4.9	4.3	3.5	3.0	3.0	3.4	3.7	4.0	4.5	4.9	5.2	5.6	6.3	6.2	6.0	6.2	6.0	5.6	5.2	5.4	4.9	24
3/18/2025	5.0	5.4	4.9	4.9	5.2	5.9	6.6	5.6	4.8	6.7	5.0	5.3	5.6	6.4	7.7	5.6	4.9	5.1	5.5	6.6	4.2	3.4	3.0	2.9	5.3	24
3/19/2025	3.5	4.5	4.6	5.0	4.9	4.8	5.4	6.1	7.8	9.2	9.1	9.2	11.0	10.5	10.0	10.6	11.8	13.8	11.5	11.1	10.2	7.1	5.7	6.3	8.1	24
3/20/2025	5.9	6.1	7.0	7.4	7.7	8.1	8.9	9.0	9.1	8.5	8.1	6.7	7.5	5.9	1.0	2.6	3.8	4.2	4.6	5.5	5.4	3.5	2.9	2.7	5.9	24
3/21/2025	2.8	3.5	2.7	2.5	2.4	2.5	2.6	3.1	3.8	4.2	4.3	4.6	4.7	6.2	8.3	6.0	5.6	5.7	6.3	6.5	4.3	5.4	8.2	10.3	4.8	24
3/22/2025	13.4	13.2	12.5	12.4	9.3	8.0	8.3	16.1	17.4	15.4	13.3	10.4	9.8	11.2	14.1	11.7	10.3	11.0	16.3	17.4	10.8	10.6	10.8	12.2	12.3	24
3/23/2025	13.7	16.0	20.6	23.0	26.4					27.7	22.8	11.5	10.4	8.8	9.6	14.0	19.8	17.5	14.9	10.7	7.9	6.8	5.4	4.5	14.6	20
3/24/2025	4.3	4.4	4.8	5.5	5.7	5.7	6.6	6.2	4.4	3.6	4.2	4.5	4.8	4.3	5.4	6.3	5.0	5.0	6.2	7.3	8.3	7.8	6.0	4.1	5.4	24
3/25/2025	3.7	4.3	5.0	6.2	8.5	11.8	18.7	21.7	11.4	9.4	6.7	5.4	5.7	7.5	5.5	5.3	5.2	4.8	4.8	4.5	4.3	5.8	6.2	5.2	7.4	24
3/26/2025	5.7	6.5	8.3	9.6	10.2	10.7	14.8	16.8	10.5	7.9	6.3	6.6	6.0	5.9	5.6	5.6	5.1	5.6	6.2	5.5	5.3	5.0	5.6	8.5	7.7	24
3/27/2025	9.8	9.7	9.9	9.0	8.8	8.4	8.2	7.9	6.1	5.4	5.3	5.4	5.9	5.5	5.8	6.1	5.9	5.5	5.1	4.3	4.7	4.3	5.1	5.8	6.6	24
3/28/2025	6.9	7.1	8.2	9.1	7.7	6.9	12.3	14.2	8.9	6.5	4.8	5.1	4.8	4.6	4.8	4.7	4.8	4.7	4.2	4.1	4.1	4.2	3.6	3.5	6.2	24
3/29/2025	3.4	3.5	3.5	6.6	4.6	5.0	5.6	7.6	3.7	3.4	3.6	3.8	3.8	3.7	3.7	3.6	3.5	3.4	3.2	3.3	3.0	4.1	3.8	3.6	4.0	24
3/30/2025	5.0	3.5	3.2	3.3	2.9	2.8	3.3	3.1	3.5	4.0	4.1	4.4	4.4	4.0	2.9	0.9	2.5	0.9	0.8	0.7	1.5	2.4	3.0	1.0	2.8	24
3/31/2025	0.0	0.9	1.8	2.2	3.4	5.3	6.0	5.5	5.1	5.6	6.2	7.1	6.9	6.6	6.5	7.1	6.5	0.4	0.8	1.0	1.4	2.7	2.2	2.3	3.9	24
avg	6.9	7.5	7.5	8.6	8.7	8.1	8.8	9.5	8.0	7.9	7.3	6.5	6.1	6.2	7.2	6.8	6.7	6.2	6.2	6.7	7.0	5.9	5.9	6.3	7.2	
min	0.0	0.9	1.8	1.9	1.4	0.6	2.1	1.5	3.0	2.1	3.0	0.4	1.3	1.0	1.0	0.8	0.2	0.4	0.7	0.4	0.9	2.1	1.3	1.0	2.1	
max	19.5	22.6	20.6	23.3	26.4	26.8	27.9	26.9	20.2	27.7	22.8	13.6	11.8	15.3	27.9	23.7	19.8	17.5	16.3	21.3	44.9	20.5	22.6	24.5	19.3	740

Saroad Table - Corrected Hourly PM2.5 Data
March 2025

Location: Woodville **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2025	9.4	16.5	19.5	21.9	25.6	43.7	45.0	27.9	20.0	16.9	18.4	13.0	11.3	13.5	20.5	26.6	18.3	13.9	14.9	21.6	22.9	21.6	22.3	24.3	21.2	24
3/2/2025	20.1	9.1	9.7	5.7	4.8	4.5	4.7	4.6	6.2	8.3	8.9	8.6	7.7	8.9	9.0	8.0	7.8	7.3	7.1	6.1	6.1	6.8	9.4	9.6	7.9	24
3/3/2025	10.8	10.7	10.8	11.1	14.1	14.6	13.1	15.4	8.9	6.8	4.5	5.1	4.3	4.1	4.0	3.8	3.4	3.1	2.8	2.7	2.6	2.4	2.4	3.6	6.9	24
3/4/2025	3.4	3.7	3.2	2.7	2.5	3.1	3.2	2.6	3.1	4.1	3.0	3.8	3.1	3.0	2.2	1.9	1.0	0.8	1.3	2.0	2.1	1.9	2.1	2.4	2.6	24
3/5/2025	2.7	3.1	2.9	2.9	2.8	2.7	2.7	3.3	3.7	4.0	1.6	0.0	1.0	3.1	4.5	5.8	5.6	6.2	5.6	4.8	5.4	4.9	4.3	3.4	3.6	24
3/6/2025	2.9	2.8	2.6	2.5	2.6	3.0	2.9	3.2	4.0	3.9	3.9	4.2	4.5	4.6	4.8	4.7	4.7	5.0	5.0	4.4	4.5	5.3	5.9	6.7	4.1	24
3/7/2025	7.9	5.0	5.1	5.9	5.9	7.5	8.8	9.0	8.2	8.6	6.7	6.6	7.3	6.9	5.7	5.8	5.9	5.2	4.6	5.0	4.6	3.9	3.5	3.9	6.1	24
3/8/2025	5.4	7.6	12.1	24.4	24.1	16.1	11.3	8.6	7.4	7.5	6.4	7.2	6.8	7.0	28.5	16.3	12.8	11.0	11.4	14.8	14.5	8.8	7.7	7.7	11.9	24
3/9/2025	10.1	7.7	7.1	11.5	10.7	8.9	6.7	6.2	5.6	4.8	5.5	5.3	5.3	5.1	4.9	4.4	5.8	6.5	11.0	4.2			4.3	5.0	6.7	22
3/10/2025	4.5	3.2	3.1	4.1	2.3	0.2	1.9	1.9	2.2	1.9	2.9	6.6	8.3	1.4	1.2	0.7	0.6	0.9	0.8	0.5	0.7	2.1	1.5	1.3	2.3	24
3/11/2025	2.1	2.3	2.6	2.6	3.0	2.9	3.3	6.1	9.1	11.4	15.2	8.1	5.9	5.8	7.0	5.7	6.2	5.6	5.9	6.0	7.3	8.4	9.8	9.6	6.3	24
3/12/2025	9.5	11.0	12.2	12.5	12.1	13.2	14.7	15.4	14.5	15.5	14.1	11.8	11.6	10.7	10.2	10.7	12.9	10.9	9.8	9.5	8.9	9.1	8.2	8.5	11.6	24
3/13/2025	10.2	14.0	15.3	13.7	13.6	15.0	16.6	15.8	13.0	10.6	8.1	7.1	6.4	6.4	6.8	8.2	7.5	8.3	5.8	4.7	3.8	3.8	4.3	5.3	9.4	24
3/14/2025	6.3	9.4	9.6	9.6	10.4	15.4	15.9	17.3	14.5	9.4	7.8	6.7	7.3	7.9	7.4	7.0	8.0	8.8	9.2	10.7	20.9	16.9	16.9	16.4	11.2	24
3/15/2025	17.9	42.7	20.3	12.5	15.5	14.6	19.7	15.9	11.8	6.0	4.6	3.9	3.8	4.1	3.7	3.7	3.7	3.4	3.4	3.2	3.0	2.8	2.8	2.9	9.4	24
3/16/2025	3.1	3.5	3.7	6.6	11.1	11.6	8.4	7.5	6.7	7.8	9.8	8.8	2.6	0.9	1.3	3.7	2.9	2.2	2.0	2.4	3.0	3.8	4.5	5.1	5.1	24
3/17/2025	5.5	5.8	5.1	4.7	4.8	4.6	4.8	3.1	3.8	4.5	5.7	7.5	5.7	5.1	5.9	7.1	7.6	6.8	7.2	7.8	6.8	7.3	5.1	7.1	5.8	24
3/18/2025	5.1	7.3	8.3	5.4	5.0	5.5	6.7	5.8	5.4	5.2	5.3	5.4	5.5	6.3	7.9	6.0	4.4	4.5	4.3	4.1	3.8	3.3	2.6	2.3	5.2	24
3/19/2025	2.9	4.0	4.4	4.9	4.9	4.8	11.5	17.2	6.6	8.0	7.9	9.3	11.1	10.4	9.5	10.4	11.2	13.0	11.0	10.9	10.7	7.2	6.0	6.5	8.5	24
3/20/2025	5.6	6.0	6.8	7.7	8.1	9.1	10.3	9.7	9.4	8.7	7.8	7.2	7.3	5.7	1.2	2.5	3.3	3.7	4.4	5.7	6.1	3.7	3.4	3.1	6.1	24
3/21/2025	3.6	3.8	2.9	2.6	2.7	2.8	3.1	3.9	4.8	4.7	4.7	4.9	4.8	6.4	8.0	5.6	5.3	5.5	5.6	5.9	4.2	5.6	8.8	12.2	5.1	24
3/22/2025	14.4	13.2	12.9	12.1	9.4	7.4	8.3	16.4	17.9	16.3	12.1	9.7	9.7	10.7	14.6	11.7	9.5	9.4	14.0	16.9	12.1	12.4	11.3	11.5	12.2	24
3/23/2025	13.5	15.6	20.5	23.8	42.4	56.1	65.2	64.2	51.6	25.0	20.8	12.8	10.1	8.7	9.1	13.2	17.7	17.2	14.8	10.7	8.4	6.2	5.7	4.7	22.4	24
3/24/2025	3.9	4.2	7.3	6.1	5.5	5.2	6.8	5.6	4.4	3.7	4.0	4.5	4.3	4.3	6.3	5.7	5.7	5.5	5.8	6.6	9.3	8.7	6.0	4.0	5.5	24
3/25/2025	3.8	4.2	5.3	10.8	14.2	18.3	17.0	14.6	11.6	10.4	7.0	5.9	5.7	5.8	5.4	4.9	4.7	4.4	4.9	4.3	4.1	5.4	5.0	4.9	7.6	24
3/26/2025	5.5	6.5	8.1	9.9	13.5	16.3	16.3	23.2	10.2	8.2	6.4	7.1	6.0	6.0	5.7	5.3	5.0	5.4	5.3	4.6	4.6	5.8	9.7	16.3	8.8	24
3/27/2025	14.5	13.1	8.4	9.4	10.2	8.6	8.5	8.5	6.7	5.7	5.6	5.6	6.1	5.9	5.7	5.8	6.1	5.4	4.6	7.2	4.9	5.6	6.0	8.6	7.4	24
3/28/2025	16.7	24.9	20.6	21.6	12.3	12.1	17.3	16.1	9.3	6.2	6.1	5.4	5.0	5.1	4.8	4.4	4.3	4.2	3.7	4.1	4.4	4.5	3.3	3.3	9.1	24
3/29/2025	3.7	3.7	3.9	5.6	5.4	5.2	5.4	6.7	4.1	3.5	3.6	3.5	3.6	3.7	3.4	3.2	3.1	3.2	3.3	3.4	3.2	3.1	3.6	3.3	3.9	24
3/30/2025	3.4	3.3	3.2	3.4	3.6	3.7	3.3	5.1	3.9	3.8	3.8	3.8	3.8	3.6	2.4	0.1	2.0	0.8	0.5	0.7	1.8	3.9	3.6	1.1	2.9	24
3/31/2025	0.0	0.4	1.2	2.0	3.0	5.2	5.9	5.3	5.5	6.4	6.4	6.8	6.9	6.6	6.5	6.9	6.1	0.9	0.8	0.7	2.3	3.4	2.0	2.7	3.9	24
avg	7.4	8.6	8.3	9.0	9.9	11.0	11.9	11.8	9.5	8.0	7.4	6.6	6.2	6.0	7.0	6.8	6.6	6.1	6.2	6.3	6.6	6.3	6.2	6.7	7.8	
min	0.0	0.4	1.2	2.0	2.3	0.2	1.9	1.9	2.2	1.9	1.6	0.0	1.0	0.9	1.2	0.1	0.6	0.8	0.5	0.5	0.7	1.9	1.5	1.1	2.3	
max	20.1	42.7	20.6	24.4	42.4	56.1	65.2	64.2	51.6	25.0	20.8	13.0	11.6	13.5	28.5	26.6	18.3	17.2	14.9	21.6	22.9	21.6	22.3	24.3	22.4	742

Saroad Table - Corrected Hourly PM2.5 Data
March 2025

Location: GA DNR **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2025	7.8	13.7	16.6						18.8	16.2	17.2	12.8	10.9	12.6	18.6	23.3	16.9	13.1	13.9	20.2	21.3	20.2	20.8	22.3	16.7	19
3/2/2025	19.1	7.8	7.3	5.9	5.0	4.8	4.9	4.4	6.4	8.7	8.5	8.5	7.8	8.5	8.9	8.1	7.4	7.0	7.2	6.0	5.9	6.6	6.9	7.2	7.4	24
3/3/2025	7.6						10.8	10.2	6.8	5.9	4.1	3.8	3.9	3.8	3.7	3.6	3.4	3.3	2.7	2.3	2.0	2.0	1.9	2.1	4.4	19
3/4/2025	2.2	2.4	2.8	1.7	1.5	1.5	1.6	2.4	2.2	3.8	2.3	2.7	2.4	2.4	1.6	1.6	1.3	1.2	1.8	2.2	2.3	2.2	2.3	2.5	2.1	24
3/5/2025	3.0	3.1	3.2	3.4	3.8	3.5	3.8	4.2	5.1	5.4	2.5	0.6	1.4	3.3	4.6	5.6	5.4	5.5	4.8	4.5	4.3	4.5	4.4	3.4	3.9	24
3/6/2025	3.0	2.8	2.8	2.7	2.7	3.1	3.2	3.8	3.6	3.6	3.8	4.1	4.5	4.5	4.7	4.8	4.8	5.1	5.0	4.7	4.5	10.7	11.0	7.2	4.6	24
3/7/2025	6.0	5.1	5.1	6.0	6.5	6.9	7.6	8.3	7.8	7.1	6.4	6.4	7.0	7.1	6.1	6.2	6.4	6.3	5.3	5.1	4.7	4.2	3.8	3.9	6.1	24
3/8/2025	5.5	7.4	11.1	21.8	20.9	14.3	10.3	8.4	7.4	7.2	6.4	7.3	6.8	6.7	23.9	15.5	11.8	10.2	10.7	13.5	13.4	8.7	7.2	7.5	11.0	24
3/9/2025	9.6	6.5	7.3	12.0	11.2	7.6	6.2	6.2	5.0	5.6	4.3	4.5	4.6	5.0	4.6	4.7	4.8	4.5	3.9	5.5	2.9	3.5	4.0	4.6	5.8	24
3/10/2025	7.8	3.0	2.5	2.6	1.4	0.2	2.6	2.4	3.7	5.2	3.7	6.0	6.0	1.7	1.7	1.0	1.0	0.8	1.2	1.0	1.0	2.1	1.8	1.4	2.6	24
3/11/2025	3.5	2.4	2.6	2.6	2.9	3.0	3.9	5.6	9.1	11.3	11.9	7.1	5.8	5.7	7.2	5.9	6.4	6.0	6.1	6.4	6.8	6.9	7.5	8.9	6.1	24
3/12/2025	9.8	11.2	11.9	11.8	12.7	13.5	15.7	15.1	14.0	15.3	13.3	11.2	11.2	10.4	10.0	10.3	12.6	11.0	9.8	9.6	9.0	8.2	7.8	8.2	11.4	24
3/13/2025	9.3	13.0	14.3	12.8	12.7	14.6	16.5	15.4	12.7	10.2	8.3	7.1	6.7	6.9	7.1	7.9	7.7	8.2	6.1	5.2	4.2	4.1	4.5	5.1	9.2	24
3/14/2025	6.2	7.6	8.2	9.1	10.3	13.2	14.3	16.8	12.1	9.3	7.4	6.3	7.0	7.6	7.1	7.3	8.0	8.6	9.3	10.5	10.3	12.0	15.4	15.7	10.0	24
3/15/2025	21.9	41.0	16.0	13.5	12.9	12.0	12.4	15.2	12.4	5.7	4.4	4.3	4.2	4.7	4.2	4.3	4.3	3.9	3.5	3.5	3.3	3.1	6.3	3.8	9.2	24
3/16/2025	3.3	4.0	4.3	7.0	11.6	11.8	8.8	8.4	7.2	8.3	10.0	9.5	2.6	1.3	1.8	4.0	3.0	2.7	2.3	3.0	3.3	4.0	4.5	5.0	5.5	24
3/17/2025	5.2	5.7	4.9	4.8	5.2	4.3	4.7	8.8	7.0	5.7	5.5	5.0	5.0	5.4	5.4	6.1	6.5	5.9	5.6	5.8	5.6	5.3	5.1	5.2	5.6	24
3/18/2025	4.8	4.7	4.9	4.7	6.3	6.2	5.9	6.4	5.2	5.4	5.1	5.3	5.3	6.1	7.8	5.6	4.8	4.9	4.6	4.6	3.7	3.3	3.1	2.5	5.1	24
3/19/2025	3.0	4.1	3.9	4.0	4.2	5.1	5.8	7.9	6.8	8.1	8.2	9.2	10.6	10.1	9.5	10.0	10.6	14.0	10.8	10.0	9.8	6.9	5.4	5.4	7.6	24
3/20/2025	5.1	5.5	6.5	7.3	7.6	7.6	8.8	8.4	9.1	8.1	8.0	7.1	7.3	5.8	1.8	3.0	4.2	4.5	4.9	5.6	5.5	3.6	3.1	2.9	5.9	24
3/21/2025	3.2	2.9	2.8	2.5	2.4	2.4	2.6	3.3	4.3	4.1	4.5	4.8	4.8	5.9	8.3	5.9	5.7	5.7	5.9	6.2	3.9	4.6	7.8	11.5	4.8	24
3/22/2025	13.4	11.8				7.0	7.3		16.9	15.6	11.2	9.3	9.5	10.4	13.6	11.6	9.4	9.2	13.3	15.7	10.4		10.6	11.1	11.4	19
3/23/2025	12.6	14.7							49.5	23.9	17.9	12.1	9.7	8.7	9.1	12.4	17.1	16.6	14.2	10.3	7.6	6.1	4.9	4.0	14.0	18
3/24/2025	4.1	4.1	5.0	4.9	5.2	7.6	5.8	5.5	4.7	4.9	4.3	4.8	4.2	9.8	12.5	7.4	6.0	5.7	6.2	6.7	8.2	7.7	7.3	6.0	6.2	24
3/25/2025	5.1	5.6	6.3	7.0	8.9	10.9	13.4	13.6	10.6	8.9	6.2	5.8	5.6	5.8	5.5	5.2	5.0	4.8	4.6	4.3	4.0	4.9	5.2	5.0	6.8	24
3/26/2025	5.5	6.1	7.4	11.4	15.7	12.9	10.9	11.8	10.8	7.7	6.2	6.7	5.9	5.9	5.9	6.1	5.7	5.3	5.8	5.2	4.7	5.3	6.8	11.5	7.8	24
3/27/2025		9.1	8.6	8.8	11.1	11.6	11.2	7.5	6.2	5.4	5.5	5.5	5.9	5.5	5.6	5.8	5.9	5.1	4.5	4.2	4.4	4.3	5.1	7.9	6.7	23
3/28/2025	7.5	8.4	12.1	10.1	12.6	13.2	12.1	8.0	6.4	6.0	5.7	5.3	4.9	4.6	4.9	4.7	4.7	4.8	4.0	3.9	3.8	3.8	3.4	3.1	6.6	24
3/29/2025	3.3	3.5	3.3	3.7	3.7	4.1	4.8	6.1	4.0	3.5	3.8	3.8	3.8	3.8	3.6	3.7	3.6	3.4	3.6	3.9	2.9	2.7	2.7	2.8	3.7	24
3/30/2025	3.6	3.5	2.6	3.2	4.4	4.1	4.2	5.0	4.1	3.8	3.9	4.1	4.1	3.6	2.6	0.4	2.2	0.9	1.4	0.8	2.3	3.3	3.2	1.3	3.0	24
3/31/2025	0.0	0.5	1.4	2.0	3.0	4.8	5.9	5.4	5.5	5.9	6.1	6.7	6.9	6.7	6.4	6.9	6.2	1.4	1.1	1.1	3.9	3.1	2.7	2.6	4.0	24
avg	6.7	7.4	6.6	6.9	7.6	7.6	7.8	8.0	9.2	7.9	7.0	6.4	6.0	6.1	7.0	6.7	6.6	6.1	5.9	6.2	5.8	5.6	6.0	6.2	6.9	
min	0.0	0.5	1.4	1.7	1.4	0.2	1.6	2.4	2.2	3.5	2.3	0.6	1.4	1.3	1.6	0.4	1.0	0.8	1.1	0.8	1.0	2.0	1.8	1.3	2.1	
max	21.9	41.0	16.6	21.8	20.9	14.6	16.5	16.8	49.5	23.9	17.9	12.8	11.2	12.6	23.9	23.3	17.1	16.6	14.2	20.2	21.3	20.2	20.8	22.3	16.7	722

Saroad Table - Corrected Hourly PM2.5 Data
March 2025

Location: West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2025	8.6	13.7	17.4	20.1	23.0	25.5	26.1	25.0	19.2	16.6	17.9	13.5	11.7	13.4	22.0	25.0	17.4	14.0	15.1	21.4	21.4	20.8	22.5	23.7	19.0	24
3/2/2025	19.3	8.2	7.4	7.3	5.9	6.3	5.3	4.8	6.2	8.6	8.8	8.7	7.7	8.4	9.1	8.5	7.6	7.7	7.1	6.4	5.9	6.7	7.8	8.6	7.8	24
3/3/2025	7.6	9.5	8.5	11.7	10.7	13.4	10.9	10.2	7.9	6.7	4.7	4.3	4.4	4.5	4.3	4.2	3.9	3.7	3.2	3.0	2.9	3.0	2.6	3.2	6.2	24
3/4/2025	3.2	2.9	2.1	2.2	2.3	3.3	2.9	3.0	3.3	4.5	3.1	3.5	3.1	2.8	2.1	2.1	1.6	1.6	1.9	2.4	2.5	2.6	2.6	2.9	2.7	24
3/5/2025	3.2	3.4	3.3	3.3	3.2	2.9	3.1	3.5	3.9	4.3	2.3	0.6	1.6	3.6	4.6	5.5	5.4	5.4	5.0	4.8	4.6	4.8	4.5	3.6	3.8	24
3/6/2025	3.1	3.0	2.9	2.8	2.7	3.0	3.0	3.3	3.6	3.5	3.6	3.9	4.3	4.5	4.8	4.8	5.0	5.2	5.3	5.0	7.0	12.0	11.5	8.5	4.8	24
3/7/2025	6.6	5.7	5.7	5.8	6.3	7.3	8.0	9.0	8.6	6.7	6.7	7.2	7.2	7.8	6.3	6.7	6.5	6.7	6.1	5.9	5.2	4.7	4.4	4.7	6.5	24
3/8/2025	6.0	8.4	12.2	22.2	21.3	14.0	10.5	8.8	7.6	7.9	6.4	7.3	7.2	7.3	26.0	17.3	13.0	11.2	11.3	14.9	13.9	10.6	8.9	9.7	11.8	24
3/9/2025	10.9	8.2	7.5	11.9	10.3	8.0	6.9	6.1	5.7	5.4	4.5	4.9	5.0	5.2	5.1	4.8	5.2	4.7	4.3	3.8	3.5	3.3	3.3	3.5	5.9	24
3/10/2025	4.1	3.6	2.9	2.9	1.6	0.8	1.5	1.4	2.7	2.1	3.1	4.3	6.0	1.9	2.2	1.3	0.8	0.9	1.0	1.1	1.1	2.5	2.3	2.3	2.3	24
3/11/2025	2.9	2.5	2.6	2.6	3.0	3.2	3.8	5.9	10.1	11.9	10.7	7.8	6.9	6.4	7.3	6.1	6.6	6.3	7.8	11.5	13.5	12.9	10.7	10.2	7.2	24
3/12/2025	10.7	10.9	11.4	12.1	12.9	14.3	15.7	16.0	14.5	16.0	14.4	11.9	11.7	11.2	10.9	11.5	13.3	11.5	10.4	10.8	9.3	8.9	8.8	9.3	12.0	24
3/13/2025	11.2	14.6	14.9	13.8	13.9	15.8	17.5	16.1	12.9	10.1	8.6	7.9	6.9	6.7	9.0	7.8	8.1	8.6	6.5	5.6	4.5	4.6	4.7	6.5	9.9	24
3/14/2025	11.6	10.0	9.4	10.6	12.4	13.2	13.4	15.5	12.9	11.1	7.8	7.0	7.7	8.3	7.7	7.7	9.9	9.4	10.0	10.9	11.2	15.6	21.3	22.2	11.5	24
3/15/2025	22.5	23.4	13.3	11.8	10.3	14.8	15.2	15.0	9.8	6.0	5.1	4.8	4.7	5.0	4.7	4.4	4.7	4.4	4.1	3.9	3.7	3.7	3.4	3.3	8.4	24
3/16/2025	3.3	3.8	3.9	6.8	10.9	11.2	8.3	7.4	6.4	7.6	9.0	8.3	2.7	1.9	2.3	4.4	3.5	3.1	2.6	2.8	3.5	4.3	4.7	5.3	5.3	24
3/17/2025	5.5	5.8	5.2	5.0	5.3	4.7	4.5	5.8	4.9	4.5	4.5	4.9	5.0	5.2	5.6	6.6	6.6	6.4	6.1	6.2	6.0	5.9	5.8	5.2	5.5	24
3/18/2025	6.0	5.4	5.4	5.4	6.9	7.0	5.5	5.6	5.5	6.9	5.3	5.3	5.3	5.8	6.9	5.6	5.3	5.1	5.2	4.8	4.6	4.0	3.4	3.5	5.4	24
3/19/2025	3.7	5.4	5.5	5.9	7.6	7.2	8.9	8.2	7.4	8.9	9.1	9.3	10.9	10.6	9.9	10.7	11.3	14.3	11.9	11.5	10.7	8.0	5.9	6.7	8.7	24
3/20/2025	5.8	6.4	7.3	7.8	7.9	8.4	9.3	9.2	9.4	9.0	8.4	7.2	7.7	6.2	1.3	3.1	4.0	4.6	5.0	6.0	5.7	3.9	3.1	3.0	6.2	24
3/21/2025	3.3	3.1	2.7	2.8	2.8	2.9	3.1	3.8	5.0	5.8	5.5	7.7	4.7	6.0	8.6	6.3	5.9	7.0	8.1	6.9	4.9	6.3	8.8	10.4	5.5	24
3/22/2025	12.3	11.8	11.9	11.8	9.5	8.1	8.6	16.5	17.4	16.0	12.7	10.1	9.9	10.9	14.4	12.5	10.3	10.2	15.2	21.4	11.7	10.9	11.2	12.1	12.4	24
3/23/2025	13.9	16.1	19.7	22.4	26.9	50.6	57.2	57.7	49.9	27.1	18.9	12.1	10.4	9.2	9.9	13.9	19.8	18.3	15.0	11.6	8.3	7.4	6.0	4.8	21.1	24
3/24/2025	4.4	4.7	5.0	5.4	5.8	6.1	7.0	6.4	4.6	4.6	4.5	4.9	4.7	4.5	6.2	6.0	5.3	5.4	6.3	7.5	10.1	8.7	6.1	4.5	5.8	24
3/25/2025	4.3	4.7	6.4	7.5	9.2	11.2	12.7	12.7	12.5	9.0	7.3	6.2	6.1	6.2	5.9	5.6	5.5	5.3	13.8	15.5	8.8	46.8	7.4	6.6	9.9	24
3/26/2025	6.3	7.1	8.7	9.7	13.4	14.8	11.4	12.9	10.0	8.0	6.8	7.0	6.3	6.3	6.1	6.0	5.6	5.8	6.0	5.4	6.2	5.8	6.7	9.0	8.0	24
3/27/2025	10.3	10.1	8.4	8.8	8.7	8.6	8.1	7.1	5.8	5.7	6.4	6.2	6.3	6.1	6.1	6.3	6.3	5.6	4.8	4.7	5.0	5.4	4.7	5.5	6.7	24
3/28/2025	6.8	8.1	6.7	5.8	5.0	6.9	8.9	8.7	8.8	6.4	6.1	6.2	5.4	5.0	5.1	5.1	5.4	5.2	4.8	5.0	5.2	4.7	4.0	4.2	6.0	24
3/29/2025	3.7	3.6	4.1	4.7	5.6	5.5	5.4	7.2	4.2	4.0	4.2	4.1	4.3	4.2	4.1	4.1	4.0	3.9	4.0	4.3	3.6	3.5	3.2	2.9	4.3	24
3/30/2025	3.2	3.0	2.7	2.8	3.7	3.0	3.7	3.9	3.8	4.1	4.2	4.2	4.0	3.9	2.9	1.2	2.8	2.4	1.9	1.6	2.5	3.5	3.5	1.5	3.1	24
3/31/2025	0.3	1.0	1.7	2.2	3.4	4.9	5.7	5.6	5.7	6.2	6.6	7.2	7.3	6.8	7.5	7.1	6.6	1.1	1.1	1.7	2.8	3.6	2.8	2.8	4.2	24
avg	7.2	7.4	7.3	8.3	8.8	9.9	10.1	10.4	9.4	8.2	7.3	6.7	6.4	6.3	7.4	7.2	7.0	6.6	6.8	7.4	6.8	8.0	6.7	6.8	7.7	
min	0.3	1.0	1.7	2.2	1.6	0.8	1.5	1.4	2.7	2.1	2.3	0.6	1.6	1.9	1.3	1.2	0.8	0.9	1.0	1.1	1.1	2.5	2.3	1.5	2.3	
max	22.5	23.4	19.7	22.4	26.9	50.6	57.2	57.7	49.9	27.1	18.9	13.5	11.7	13.4	26.0	25.0	19.8	18.3	15.2	21.4	21.4	46.8	22.5	23.7	21.1	744

Saroad Table - Corrected Hourly PM2.5 Data
March 2025

Location: Brickyard **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2025	7.0	11.4	14.8	18.3	20.5	22.9	23.6	22.9	17.6	14.5	15.3	12.0	10.3	12.8	21.5	21.2	14.2	12.4	15.7	19.4	18.8	19.4	20.4	21.2	17.0	24
3/2/2025	17.8	7.5	6.7	6.4	5.5	5.1	4.6	4.2	5.3	7.5	7.6	7.5	6.7	7.2	7.4	6.9	6.5	15.8	11.5	6.3	7.6	8.6	6.3	7.1	7.7	24
3/3/2025	9.4	7.1	9.8	8.5	7.6	7.9	8.4	8.0	6.1	5.3	3.9	3.6	3.6	4.0	3.7	3.6	3.4	3.3	2.8	2.3	2.2	2.0	2.0	1.7	5.0	24
3/4/2025	1.6	1.5	1.6	1.4	1.3	1.1	1.0	1.4	3.6	3.0	2.4	2.7	2.4	2.1	1.6	1.7	1.3	1.2	1.5	1.9	2.1	2.1	2.2	2.5	1.9	24
3/5/2025	2.8	3.0	3.1	3.1	3.2	3.0	3.0	3.6	4.0	4.4	2.6	0.3	1.0	2.9	3.7	4.7	4.8	4.7	4.3	4.2	4.0	4.0	3.7	3.2	3.4	24
3/6/2025	2.9	2.8	2.7	2.6	2.6	2.8	2.9	3.1	3.3	3.2	3.3	3.6	3.8	4.1	4.2	4.4	4.6	4.7	4.9	4.6	4.7	5.8	19.2	19.6	5.0	24
3/7/2025	6.2	5.2	5.0	5.2	5.1	5.6	6.6	8.1	7.5	5.6	6.3	6.4	6.4	7.2	5.8	5.9	5.6	5.4	5.2	5.2	4.7	4.5	3.9	3.8	5.7	24
3/8/2025	5.2	7.0	10.9	20.2	18.4	12.0	9.0	7.8	6.8	6.6	5.6	6.2	6.2	6.5	22.3	14.9	10.8	9.5	10.0	13.2	10.7	8.1	7.5	7.3	10.1	24
3/9/2025	8.8	8.7	6.4	9.9	8.4	7.0	6.0	5.2	5.2	4.5	3.7	3.9	4.1	4.6	4.0	3.7	4.2	3.6	3.6	2.7	3.1	2.4	2.5	2.6	4.9	24
3/10/2025	3.0	2.5	1.8	1.7	1.2	0.3	1.0	0.9	1.2	1.3	2.3	2.9	5.1	1.2	1.3	0.6	0.7	0.6	0.9	0.6	0.6	1.4	1.3	1.5	1.5	24
3/11/2025	2.1	2.2	2.4	2.4	2.8	2.8	3.2	5.0	7.7	9.8	9.0	6.7	5.7	5.6	6.5	5.8	6.0	5.8	5.6	4.7	6.2	8.6	10.5	9.1	5.7	24
3/12/2025	8.4	8.8	9.0	9.3	9.9	10.4	11.4	12.4	13.0	14.8	13.4	10.8	10.1	10.2	9.9	10.8	11.9	10.2	9.2	9.6	8.5	8.0	7.7	7.7	10.2	24
3/13/2025	8.0	10.8	13.9	12.7	12.3	12.2	13.1	13.8	11.6	8.5	7.2	7.0	5.8	5.7	6.2	6.4	6.8	7.0	5.4	5.0	4.0	4.0	4.0	4.4	8.2	24
3/14/2025	6.0	9.8	14.4	10.4	10.3	11.2	11.2	13.5	10.8	10.3	5.9	5.7	6.5	6.7	6.4	6.8	8.0	8.0	8.7	9.1	9.5	10.9	13.6	13.9	9.5	24
3/15/2025	16.0		11.2	8.9	10.2	10.1	11.0	13.3	7.9	4.7	4.0	3.7	3.5	4.0	3.5	3.7	3.8	3.8	3.5	3.3	3.0	3.2	2.8	2.8	6.2	23
3/16/2025	2.9	3.5	3.6	6.2	9.9	10.5	7.8	7.3	6.0	7.2	8.6	7.5	2.1	1.4	1.8	3.7	3.0	2.4	2.1	2.5	3.1	3.8	4.3	4.7	4.8	24
3/17/2025	4.9	5.3	4.7	4.3	4.7	4.2	3.6	3.1	3.1	3.2	3.7	4.1	4.2	4.4	4.6	5.1	5.5	5.6	5.5	5.6	6.2	6.7	5.4	5.2	4.7	24
3/18/2025	5.4	4.9	5.5	5.1	5.1	5.2	5.2	5.3	5.1	5.0	4.9	4.7	4.8	5.4	5.8	4.6	4.5	4.6	4.5	4.1	4.0	3.2	2.8	2.4	4.7	24
3/19/2025	2.4	3.0	4.7	4.6	5.2	8.3	6.7	8.7	7.9	7.8	8.8	8.4	10.1	9.7	9.4	9.6	10.4	13.3	10.6	9.2	9.1	7.1	5.2	5.5	7.7	24
3/20/2025	5.1	5.4	6.7	6.8	6.9	7.2	7.6	7.7	8.2	7.6	7.2	5.9	6.5	5.4	1.2	2.5	3.2	3.9	4.4	5.1	5.0	3.4	2.9	3.0	5.4	24
3/21/2025	3.2	3.1	2.7	2.5	2.5	2.9	3.4	3.4	3.9	4.2	4.2	4.4	4.6	5.3	7.9	5.8	5.4	5.4	5.7	5.8	4.1	5.7	8.1	8.4	4.7	24
3/22/2025	9.3	10.7	11.0	10.1	7.9	7.5	7.2	13.5	15.2	14.2	11.4	9.6	8.8	10.1	12.6	10.7	9.2	9.8	15.4	13.8	9.7	8.9	9.9	10.7	10.7	24
3/23/2025	11.3	12.9	17.3	19.3	21.7	26.6		52.2	46.5	26.9		10.4	9.4	7.9	8.7	12.9	18.7	15.6	12.9	9.4	7.3	6.2	5.1	4.3	16.5	22
3/24/2025	3.9	3.8	3.9	4.7	4.7	4.9	5.7	5.4	4.1	3.8	3.9	4.4	4.4	4.1	4.9	5.8	4.7	4.7	5.9	6.7	7.7	8.2	5.5	4.1	5.0	24
3/25/2025	3.7	4.2	4.9	6.9	10.2	11.2	12.3	12.2	11.4	7.6	6.2	4.9	5.1	5.1	4.8	4.9	4.8	4.6	4.7	4.3	4.1	4.6	5.4	4.7	6.4	24
3/26/2025	5.2	5.6	7.5	8.9	9.4	10.0	11.2	11.0	9.0	7.1	6.1	6.0	5.2	5.3	5.2	5.1	4.8	4.7	5.0	4.6	5.1	5.1	5.3	9.0	6.7	24
3/27/2025	18.3	8.0	7.6	7.6	7.8	7.1	6.9	6.3	5.0	5.1	5.2	5.3	5.5	5.2	5.2	5.6	5.5	4.8	4.3	3.9	3.9	3.4	3.7	6.7	6.2	24
3/28/2025	8.6	9.3	6.1	4.6	6.9	6.7	6.2	6.4	6.1	5.8	4.6	4.6	4.2	4.0	4.1	3.9	4.2	4.4	3.9	4.1	4.0	3.8	3.3	3.1	5.1	24
3/29/2025	3.1	3.1	3.0	3.4	4.2	4.7	4.3	3.9	3.2	3.2	3.5	3.3	3.2	3.1	3.3	3.1	3.2	3.2	3.4	3.4	3.0	2.7	2.5	2.3	--	24
3/30/2025	2.3	2.0	2.0	2.0	2.1	2.3	2.4	2.8	3.2	3.4	3.4	3.4	3.4	3.2	2.2	0.8	2.1	0.8	0.8	1.0	1.8	2.4	2.7	1.0	--	24
3/31/2025	0.1	0.8	1.4	2.1	2.9	4.5	5.3	4.9	4.8	5.6	5.6	6.3	6.2	6.0	5.9	6.1	5.9	0.6	1.0	1.3	1.9	2.4	2.1	2.4	3.6	24
avg	6.3	5.8	6.6	7.1	7.5	7.7	7.1	8.9	8.2	7.2	6.0	5.7	5.4	5.5	6.3	6.2	6.1	6.0	5.9	5.7	5.5	5.5	5.9	6.0	6.7	
min	0.1	0.8	1.4	1.4	1.2	0.3	1.0	0.9	1.2	1.3	2.3	0.3	1.0	1.2	1.2	0.6	0.7	0.6	0.8	0.6	0.6	1.4	1.3	1.0	1.5	
max	18.3	12.9	17.3	20.2	21.7	26.6	23.6	52.2	46.5	26.9	15.3	12.0	10.3	12.8	22.3	21.2	18.7	15.8	15.7	19.4	18.8	19.4	20.4	21.2	17.0	741

Saroad Table - Corrected Hourly PM2.5 Data
March 2025

Location: Ocean Terminal **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2025	8.7	14.5	18.7	21.4	24.0	26.7	27.6	26.4	20.2	16.7	18.2	13.6	11.7	13.0			16.6	14.0	15.2	21.2	20.6	21.0	22.3	23.9	18.9	22
3/2/2025		7.7	7.2	4.7	3.7	3.2	3.4	3.5	5.5	7.8	8.0	7.5	6.8	7.4	7.3	6.8	6.4	6.6	6.7	5.8	5.2	6.0	6.4	6.8	6.1	23
3/3/2025	6.7	6.7	7.5	8.3	8.5	8.9	9.2	8.2	6.7	5.1	3.0	3.1	3.2	3.1	3.0	3.0	2.8	2.6	2.1	1.9	1.7	1.6	1.6	1.5	4.6	24
3/4/2025	1.3	1.3	1.4	1.2	1.1	0.9	0.7	1.1	2.2	2.7	2.4	2.8	2.4	2.1	1.6	1.6	1.6	1.6	2.6	3.0	3.6	2.8	2.6	2.9	2.0	24
3/5/2025	3.2	3.6	3.6	3.7	3.5	3.5	3.7	4.3	4.8	5.8	3.3	0.4	1.1	2.9	4.3	5.5	5.6	5.5	4.8	4.6	4.4	4.1	3.7	3.2	3.9	24
3/6/2025	2.8	2.7	2.7	2.6	2.6	2.7	2.8	2.9	3.2	3.4	3.3	3.6	4.0	4.3	4.5	4.6	5.0	4.9	5.0	5.0	5.0	6.1	7.4	7.4	4.1	24
3/7/2025	6.2	6.1	6.5	6.5	7.4	8.6	10.1	11.5	6.9	6.3	6.4	7.2	6.7	8.1	6.6	5.9	6.4	6.2	6.2	6.5	5.6	5.2	4.5	4.5	6.7	24
3/8/2025	6.0	8.1	12.7	24.8	21.8	13.8	10.5	8.8	8.1	7.9	6.8	7.2	7.0	7.5			12.6	10.9	11.2	14.4	11.4	9.0	8.3	8.5	10.8	22
3/9/2025	9.5	8.2	8.0	10.5	8.7	7.1	6.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	7
3/10/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
3/11/2025	-	-	-	-	-	-	-	-	-	-	18.2	6.0	5.4	5.7	6.2	6.8	6.3	6.2	6.3	-	-	-	-	-	7.5	9
3/12/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
3/13/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
3/14/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
3/15/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
3/16/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
3/17/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
3/18/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
3/19/2025	-	-	-	-	-	-	-	-	-	-	9.4	9.9	-	-	-	-	-	-	-	-	-	-	-	-	9.7	2
3/20/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
3/21/2025	-	-	-	-	-	-	-	-	-	-	-	-	5.0	5.7	8.8	6.8	6.1	5.7	6.8	7.7	5.3	-	-	-	6.4	9
3/22/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
3/23/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
3/24/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	--	0
3/25/2025	-	-	-	-	-	-	-	-	8.6	8.3	6.6	5.3	5.4	5.2	5.4	5.4	5.4	5.2	5.6	5.2	4.8	4.8	5.6	5.3	5.8	16
3/26/2025	6.0	6.8	8.8	9.9	13.8	13.1	14.0	12.8	8.8	6.7	5.7	6.0	5.3	5.3	5.4	5.2	5.3	6.2	7.9	5.6	5.5	5.7	6.1	22.9	8.3	24
3/27/2025	15.2	7.4	6.8	7.7	8.0	7.6	7.3	6.2	4.9	4.8	5.0	5.0	5.3	5.1	4.9	5.2	4.9	4.4	3.8	4.1	4.3	4.3	3.9	5.2	5.9	24
3/28/2025	6.7	6.7	4.4	4.1	3.8	4.2	5.6	6.1	5.6	5.5	5.4	4.9	4.6	4.6	5.0	4.9	5.3	5.3	5.3	6.1	6.6	5.0	4.7	4.4	5.2	24
3/29/2025	4.0	4.0	3.9	3.7	4.0	4.0	4.8	4.2	4.1	3.9	3.8	4.3	3.9	3.8	3.5	3.6	4.1	4.1	3.9	4.0	4.0	3.0	2.4	3.0	3.8	24
3/30/2025	2.8	2.6	2.5	3.4	3.4	3.8	4.0	4.1	4.1	4.1	4.4	4.8	4.6	4.1	3.5	2.0	3.1	2.0	1.6	1.5	1.8	3.2	3.3	1.2	--	24
3/31/2025	0.0	1.1	1.7	2.4	3.7	5.4	6.2	5.7	5.8	6.1	6.7	7.3	7.5	7.0	7.0	7.2	6.7	1.1	1.1	1.8	2.3	3.0	2.4	2.6	4.2	24
avg	5.6	5.8	6.4	7.7	7.9	7.6	7.7	7.6	6.6	6.3	6.8	5.8	5.3	5.6	5.1	5.0	6.1	5.4	5.7	6.2	5.7	5.7	5.7	6.9	6.8	
min	0.0	1.1	1.4	1.2	1.1	0.9	0.7	1.1	2.2	2.7	2.4	0.4	1.1	2.1	1.6	1.6	1.6	1.1	1.1	1.5	1.7	1.6	1.6	1.2	2.0	
max	15.2	14.5	18.7	24.8	24.0	26.7	27.6	26.4	20.2	16.7	18.2	13.6	11.7	13.0	8.8	7.2	16.6	14.0	15.2	21.2	20.6	21.0	22.3	23.9	18.9	374

Saroad Table - Corrected Hourly PM2.5 Data
March 2025

Location: Cockspur Island **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2025	2.6	6.1	10.1	17.2	22.2	24.3	24.3	23.2	18.9		14.3	13.3	11.3	17.1	72.5	13.0	8.7	8.2	9.0	9.5	13.9	16.5	20.7	22.6	17.4	23
3/2/2025	24.0	16.4	9.4	7.3	4.4	3.4	2.7	3.9	6.8	5.7	3.9	4.6	4.5	4.2	4.1	4.0	4.3	4.8	4.3	4.4	4.3	4.6	4.3	4.4	6.0	24
3/3/2025	5.0	6.3	6.4	5.1	4.1	3.5	3.1	3.8	3.8	2.3	2.4	2.2	2.4	2.1	1.9	1.7	1.4	1.3	1.0	1.0	0.9	0.8	1.2	0.7	2.7	24
3/4/2025	0.5	0.3	0.4	0.3	0.8	0.5	0.6	1.6	1.2	1.7	2.1	2.6	2.1	1.8	0.6	0.5	0.8	0.9	1.1	2.1	2.7	3.2	3.3	3.7	1.5	24
3/5/2025	4.2	4.7	5.0	5.9	6.3	6.1	6.1	7.1	7.5	7.9	9.4	0.0	0.0	1.7	2.9	3.3	4.9	5.6	5.4	4.5	4.0	4.0	3.7	3.0	4.7	24
3/6/2025	2.4	2.2	2.3	2.1	1.9	2.2	2.2	2.5	3.0	2.9	2.9	3.9	3.6	3.8	3.9	3.9	4.1	3.5	3.4	4.0	3.7	3.3	4.7	4.8	3.2	24
3/7/2025	3.9	4.1	4.1	4.4	5.1	6.1	6.1	4.4	4.7	5.5	5.7	5.5	5.7	5.8	5.4	5.1	4.9	4.6	3.8	4.1	3.4	3.1	2.5	2.5	4.6	24
3/8/2025	3.9	5.7	10.7	42.9	21.0	10.1	5.8	4.9	5.2	6.2	5.6	5.6	5.9	21.2	22.1	23.7	13.2	10.2	9.6	7.6	6.5	6.6	6.7	5.8	11.1	24
3/9/2025	5.0	4.8	7.9	8.1	5.1	4.6	3.4	3.0	2.7	3.7	3.2	2.8	2.7	2.9	3.2	2.2	2.0	2.0	2.4	1.5	1.8	1.5	1.8	2.6	3.4	24
3/10/2025	1.5	1.7	4.0	2.5	4.5	2.8	1.9	1.2	0.0	0.0	0.0	1.2	2.4	2.6	1.7	2.2	0.2	0.0	0.5	0.2	0.0	1.4	2.1	0.7	1.5	24
3/11/2025	1.3	2.9	2.8	2.8	3.3	2.7	3.1	5.4	6.1	7.0	5.1	5.1	5.0	4.7	4.7	4.9	5.5	4.9	4.4	3.5	3.2	3.0	2.8	3.4	4.1	24
3/12/2025	4.3	5.4	7.0	8.0	9.2	10.7	11.9	12.1	12.1	14.0	16.1	14.0	12.9	13.6	15.7	15.0	13.2	10.7	9.8	10.9	8.7	7.3	7.1	6.5	10.7	24
3/13/2025	6.2	8.8	12.5	13.1	12.2	11.9	11.3	10.1	9.0	8.1	8.1	7.8	6.0	5.7	5.5	5.1	4.5	4.5	3.5	2.9	2.4	2.6	2.8	2.9	7.0	24
3/14/2025	3.0	3.3	3.6	4.1	5.2	6.7	6.6	7.3	11.6	9.6	9.0	10.8	10.5	8.5	8.3	8.9	9.5	10.8	9.2	11.5	15.1	13.4	14.7	15.4	9.0	24
3/15/2025	12.3	5.6	8.0	8.3	9.1	7.2	6.3	5.3	3.9	3.2	3.2	3.6	3.5	3.5	3.4	3.4	3.4	3.5	3.3	3.3	2.9	2.6	3.1	3.8	4.8	24
3/16/2025	4.4	5.2	5.7	6.2	8.6	9.3	9.1	10.6	10.0	9.9	9.9	9.9	6.2	7.1	7.0	8.5	8.0	3.8	1.6	2.0	4.3	4.9	6.0	5.1	6.8	24
3/17/2025	5.3	5.5	5.8	4.0	4.0	4.0	3.2	2.7	2.6	3.1	3.7	3.9	4.1	4.1	4.4	5.4	5.4	4.1	4.6	4.5	4.5	4.9	5.1	4.3	4.3	24
3/18/2025	4.1	4.0	3.8	3.8	2.6	3.0	3.5	3.4	3.3	3.0	3.5	3.7	3.8	3.7	3.9	3.5	3.4	3.3	2.4	1.8	1.5	1.2	1.2	1.0	3.0	24
3/19/2025	1.0	0.8	0.9	1.7	-	-	-	-	-	5.8	7.2	7.6	8.0	10.0	11.7	12.9	16.0	14.0	11.5	7.9	5.3	8.3	4.3	3.7	7.3	19
3/20/2025	3.4	3.9	5.6	7.6	6.9	7.2	7.6	7.3	8.3	8.7	8.5	8.2	7.8	7.1	2.0	1.5	2.7	3.2	3.3	4.4	5.1	2.9	2.1	1.9	5.3	24
3/21/2025	1.8	1.9	2.1	1.8	1.6	1.7	2.0	2.1	3.0	3.1	3.8	4.4	4.7	4.7	5.0	6.0	8.3	6.6	5.2	2.7	2.1	5.2	4.3	4.2	3.7	24
3/22/2025	7.2	46.5	78.0	20.7	5.9	4.9	5.0	12.6	16.1	11.8	10.4	9.3	9.0	8.9	10.1	13.9	9.7	10.5	9.4	8.1	6.8	5.8	5.6	6.1	13.8	24
3/23/2025	7.0	11.8	17.9	20.9	24.2	44.5	55.1	59.5	55.4	26.7	14.7	14.5	15.9	12.1	14.8	18.8	18.8	15.5	10.4	9.9	-	-	-	2.9	22.4	21
3/24/2025	-	-	2.9	3.1	3.6	4.0	4.4	4.8	3.5	3.5	3.4	4.1	3.7	2.9	3.1	3.9	4.7	4.9	4.7	4.7	4.3	6.5	5.9	4.6	4.1	22
3/25/2025	3.6	3.6	4.9	7.9	8.3	9.7	11.0	11.8	8.7	7.0	5.9	6.6	6.1	4.7	4.8	4.8	4.4	4.5	4.2	3.8	3.5	2.8	2.4	2.9	5.7	24
3/26/2025	3.6	4.0	5.2	8.8	8.9	11.1	10.9	9.1	6.2	4.3	4.2	3.9	4.4	4.3	4.1	4.1	3.7	3.2	2.9	2.9	2.7	2.8	3.5	3.9	5.1	24
3/27/2025	6.3	7.3	6.4	5.9	4.4	3.1	3.0	3.3	3.4	3.5	4.0	3.6	3.7	3.8	3.9	3.6	3.2	3.1	2.9	3.0	2.7	2.5	3.0	3.1	3.9	24
3/28/2025	3.1	3.4	3.5	2.5	2.3	2.2	2.3	3.4	3.7	3.8	4.2	4.4	4.2	4.1	3.7	3.8	3.6	3.4	3.2	3.1	2.8	2.4	2.4	2.4	3.2	24
3/29/2025	2.4	2.3	2.5	2.5	2.4	2.9	2.5	2.4	2.5	2.9	3.1	3.1	3.5	3.3	3.3	3.1	2.8	2.6	2.9	2.2	2.3	2.0	1.9	2.1	2.6	24
3/30/2025	2.0	1.9	2.0	1.9	2.1	2.4	2.6	3.1	3.9	3.7	3.6	3.5	3.7	3.5	2.6	2.4	1.6	0.9	0.9	1.6	1.9	3.4	1.7	1.3	2.4	24
3/31/2025	0.3	2.0	1.6	2.0	3.9	4.3	5.5	5.3	4.6	4.9	5.6	6.2	6.3	7.3	6.9	6.7	7.5	3.8	0.7	0.8	1.7	1.5	1.1	1.5	3.8	24
avg	4.5	6.1	7.8	7.5	6.8	7.2	7.4	7.9	7.7	6.1	6.0	5.8	5.6	6.2	8.0	6.4	5.9	5.2	4.6	4.3	4.2	4.4	4.4	4.3	6.1	
min	0.3	0.3	0.4	0.3	0.8	0.5	0.6	1.2	0.0	0.0	0.0	0.0	0.0	1.7	0.6	0.5	0.2	0.0	0.5	0.2	0.0	0.8	1.1	0.7	1.5	
max	24.0	46.5	78.0	42.9	24.2	44.5	55.1	59.5	55.4	26.7	16.1	14.5	15.9	21.2	72.5	23.7	18.8	15.5	11.5	11.5	15.1	16.5	20.7	22.6	22.4	733

Saroad Table - Corrected Hourly PM2.5 Data
March 2025

Location: Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2025	8.2	14.7	17.5	20.1	22.6	26.0	26.7	25.1	18.9	16.1	17.0	12.5	11.1	12.3	17.9	23.4	17.1	13.3	14.1	19.8	21.5	20.2	20.9	22.0	18.3	24
3/2/2025	19.0	8.0	6.9	6.3	5.1	5.1	5.8	7.9	7.5	8.8	8.6	8.6	7.8	8.9	9.1	8.6	8.2	7.4	7.3	6.2	5.9	6.6	7.6	8.1	7.9	24
3/3/2025	8.3	7.7	9.0	9.6	9.4	10.1	11.0	9.5	6.9	6.2	4.8	4.2	4.2	4.3	4.1	3.7	3.7	3.5	2.9	2.7	2.7	2.7	2.5	2.6	5.7	24
3/4/2025	2.8	3.0	2.9	2.4	2.3	2.4	2.3	2.5	2.2	3.7	3.4	3.5	3.4	3.0	2.3	2.3	1.9	2.0	2.4	2.8	3.1	3.0	3.1	3.6	2.8	24
3/5/2025	4.1	4.5	4.5	4.7	4.8	4.8	4.7	5.3	5.8	6.5	3.8	1.2	2.1	4.4	5.3	6.2	6.1	6.0	5.5	4.9	4.7	4.6	4.5	3.7	4.7	24
3/6/2025	3.2	3.0	3.1	3.1	3.1	3.4	3.5	3.7	3.8	4.0	4.1	4.5	4.6	4.8	5.1	4.8	4.9	5.3	5.1	4.9	4.9	6.2	9.4	8.9	4.6	24
3/7/2025	6.4	6.0	5.6	6.1	7.4	8.2	10.0	11.7	9.6	6.6	6.3	6.8	7.1	7.4	6.1	6.3	6.4	6.3	6.0	5.8	5.3	5.0	4.4	4.6	6.7	24
3/8/2025	6.0	7.8	11.4	22.2		15.3	11.1	9.1	7.7	7.6	6.9	7.6	7.3	7.2	23.3	16.0	12.0	10.6	11.2	14.5	14.2	9.8	8.1	8.1	11.1	23
3/9/2025	10.3	7.4	8.8	12.2	10.6	7.8	6.5	6.8	5.7	5.0	4.4	4.8	4.8	5.2	7.5	6.3	5.7	5.2	5.0	5.8	3.6	6.0	5.9	6.2	6.6	24
3/10/2025	9.5	4.3	2.9	2.7	2.1	0.6	2.7	2.0	5.6	3.2	3.2	8.2	6.7	2.2	2.5	1.6	1.4	1.5	1.6	1.7	1.6	2.8	2.6	2.5	3.2	24
3/11/2025	3.0	2.9	3.1	3.2	3.7	3.7	4.6	5.9	9.7	11.7	10.2	7.5	6.3	6.1	6.9	5.9	6.2	5.9	6.3	7.0	7.6	8.2	8.3	9.2	6.4	24
3/12/2025	10.2	11.1	11.9	12.3	13.0	14.4	16.8	15.7	14.7	15.3	13.4	11.4	11.0	10.4	10.1	10.4	13.0	11.2	10.2	10.1	9.4	8.6	8.4	8.7	11.7	24
3/13/2025	10.0	13.4	14.9	13.3	14.0	15.8	17.4	16.1	13.7	10.9	8.6	7.4	6.8	7.2	7.6	7.4	7.9	8.4	6.5	5.8	4.7	4.4	5.1	5.7	9.7	24
3/14/2025	6.5	7.7	9.3	10.2	11.5	14.7	14.9	20.4	12.7	10.3	7.8	6.6	6.9	7.6	7.2	7.2	8.5	9.0	9.8	11.1	10.8	12.7	17.7	19.3	10.8	24
3/15/2025	23.6	41.0	14.7	13.2	11.3	11.0	11.7	12.7	12.5	6.7	5.0	4.9	4.9	5.3	4.9	4.7	4.8	4.7	4.5	4.5	4.2	4.2	4.5	4.6	9.3	24
3/16/2025	4.4	5.0	5.3	8.1	12.0	12.4	9.6	8.9	8.1	9.5	10.9	10.3	3.5	2.3	2.6	5.0	4.1	3.8	3.1	3.5	4.1	5.1	5.2	5.8	6.4	24
3/17/2025	5.9	6.5	5.3	4.7	5.0	4.6	3.8	5.3	4.8	4.9	5.4	4.8	5.2	5.2	5.4	6.1	6.6	6.3	6.0	6.2	5.7	6.1	5.3	5.0	5.4	24
3/18/2025	5.3	5.8		5.2	5.9	6.6	9.1	8.2	4.8	5.3	5.5	5.4	5.4	5.8	7.2	5.6	5.0	5.0	5.2	5.1	4.6	3.9	3.7	3.5	5.5	23
3/19/2025	3.5	4.6	4.4	5.0	5.4	5.7	6.3	8.3	7.7	8.8	8.9	9.6	10.8	10.0	9.3	10.0	10.8	13.7	11.4	10.6	10.0	7.4	5.9	6.1	8.1	24
3/20/2025	5.7	6.2	7.0	7.6	8.0	9.3	10.1	9.8	9.7	8.9	8.5	7.5	7.7	6.4	3.0	3.7	4.1	4.4	5.0	5.7	5.6	3.8	3.3	3.0	6.4	24
3/21/2025	3.1	3.1	2.9	3.0	2.9	3.1	3.3	3.9	4.5	4.6	4.9	5.3	5.2	6.1	8.5	6.0	5.7	5.6	6.0	6.7	4.9	5.4	9.3	12.0	5.2	24
3/22/2025	13.9	12.1	12.0	12.1	10.1	8.1	8.5	15.7	17.5	15.4	11.5	9.2	9.6	10.2	13.6	12.1	9.6	9.2	13.0	16.7	10.9	11.1	11.2	11.7	11.9	24
3/23/2025	13.4	15.3	18.7	22.0					50.1	23.1	17.5	12.7	10.0	8.7	9.3	14.0	18.8	17.6	14.9	10.5	8.0	6.9	5.5	4.8	15.1	20
3/24/2025	4.6	4.8	5.8	5.7	6.3	6.5	7.5	6.4	5.2	4.7	5.0	5.7	5.2	8.1	8.8	10.1	7.2	6.7	6.6	7.6	8.4	8.2	7.5	5.5	6.6	24
3/25/2025	4.6	5.3	6.2	7.0	9.5	11.8	13.9	13.3	11.3	8.8	6.3	5.7	5.5	5.7	5.4	5.3	5.4	5.4	5.1	4.9	4.6	5.3	5.6	5.4	7.0	24
3/26/2025	5.8	6.9	7.7	11.1	11.7	11.4	11.6	14.7	12.3	7.3	6.2	6.6	5.9	5.9	5.7	5.7	5.7	5.8	6.8	6.0	5.3	5.9	7.1	11.9	8.0	24
3/27/2025	18.4	9.9	11.2	12.7	12.1	10.7	11.7	7.5	5.6	5.6	5.6	5.8	6.3	5.9	5.9	6.0	6.3	5.5	6.9	5.1	5.7	4.4	5.5	8.1	7.9	24
3/28/2025	8.5	11.0	10.5	7.7	11.2	11.2	9.8	6.9	5.8	5.9	5.8	5.7	5.3	4.9	5.2	4.8	4.9	5.0	4.8	5.0	4.8	4.6	4.2	4.0	6.6	24
3/29/2025	4.1	4.2	4.2	4.7	6.5	6.0	6.2	5.4	5.5	4.2	4.7	4.3	4.3	4.1	4.0	4.0	3.9	3.8	4.0	4.2	3.8	3.9	4.0	4.1	4.5	24
3/30/2025		4.6	4.1	4.3	5.9	5.3	5.0	5.2	5.4	4.6	4.7	4.8	4.9	4.3	2.3	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.3	0.0	3.0	23
3/31/2025	0.0	0.0	0.0	0.0	1.3	3.3	4.2	3.4	3.0	2.4	2.0	1.8	1.4	0.8	0.8	1.7	1.8	0.0	0.0	0.0	9.1	9.2	8.4	8.7	2.6	24
avg	7.7	8.0	7.7	8.5	8.1	8.6	9.0	9.2	9.6	8.0	7.1	6.6	6.2	6.1	7.0	6.9	6.7	6.4	6.4	6.6	6.4	6.4	6.6	7.0	7.4	
min	0.0	0.0	0.0	0.0	1.3	0.6	2.3	2.0	2.2	2.4	2.0	1.2	1.4	0.8	0.8	0.0	1.1	0.0	0.0	0.0	0.0	1.1	1.3	0.0	2.6	
max	23.6	41.0	18.7	22.2	22.6	26.0	26.7	25.1	50.1	23.1	17.5	12.7	11.1	12.3	23.3	23.4	18.8	17.6	14.9	19.8	21.5	20.2	20.9	22.0	18.3	737

Saroad Table - Hourly PM2.5 Data
March 2025

Location: Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2025	6.30	10.50	--	13.30	15.85	18.16	19.07	17.55	12.94	11.13	11.13	5.79	4.31	--	5.24	8.50	9.83	10.42	8.16	12.62	14.44	12.41	12.99	18.52	11.78	22
3/2/2025	9.25	3.55	4.00	5.42	2.51	--	2.59	1.91	1.85	3.00	2.84	2.42	2.21	2.45	2.36	1.96	2.87	3.26	3.62	4.79	5.09	5.84	6.29	9.23	3.88	23
3/3/2025	16.27	20.03	23.68	--	21.40	21.44	27.63	31.12	23.21	--	3.25	0.89	0.87	0.87	1.22	1.02	1.08	1.77	2.01	5.09	7.19	7.67	8.95	10.49	10.78	22
3/4/2025	24.66	17.22	17.97	16.43	--	11.32	21.62	27.16	21.14	7.34	2.19	0.94	1.62	1.38	2.05	2.29	2.45	1.73	3.24	1.76	1.01	1.41	0.98	1.14	8.22	23
3/5/2025	1.57	1.53	1.27	1.28	1.73	1.96	1.14	1.53	1.78	2.89	1.70	3.26	--	2.33	1.68	1.94	1.80	1.98	1.93	1.85	1.37	1.48	1.08	0.64	1.73	23
3/6/2025	0.66	0.56	0.57	0.57	0.55	0.72	0.89	1.24	1.04	0.98	1.18	0.84	0.97	1.08	1.01	1.11	1.07	2.11	2.27	3.07	4.46	4.28	4.59	4.68	1.69	24
3/7/2025	4.37	3.52	5.06	4.15	4.43	5.92	6.80	17.91	8.61	11.05	6.41	--	2.79	1.70	1.44	2.08	1.75	2.16	--	2.43	1.89	1.58	3.42	3.36	4.67	22
3/8/2025	3.09	4.61	8.04	13.85	15.23	11.63	9.18	8.05	6.93	9.48	9.38	6.41	--	3.24	19.37	12.63	6.26	6.81	8.03	10.46	11.99	10.02	9.45	10.83	9.35	23
3/9/2025	9.63	5.49	--	8.48	--	11.56	7.30	7.85	7.35	7.59	3.89	8.09	5.59	5.68	3.34	2.56	2.46	6.30	5.93	6.52	7.04	8.51	7.51	10.53	6.78	22
3/10/2025	6.34	--	2.78	8.60	8.78	6.49	9.44	11.65	15.89	8.65	13.70	18.24	8.77	6.20	1.91	2.53	2.15	2.56	2.10	2.68	3.34	--	2.06	1.72	6.66	22
3/11/2025	1.48	1.90	3.60	5.59	3.33	2.92	2.38	3.19	3.85	5.65	7.77	7.64	3.69	3.18	3.51	--	5.32	2.18	2.59	3.28	4.02	8.57	10.54	13.46	4.77	23
3/12/2025	11.96	11.77	14.84	11.96	13.23	12.49	14.04	--	16.10	10.36	9.12	8.92	5.64	5.56	4.71	4.13	4.37	6.97	6.50	6.29	5.72	5.37	4.87	6.35	8.75	23
3/13/2025	9.24	--	7.33	8.25	7.45	7.97	9.34	20.88	19.22	11.07	6.40	4.40	4.89	3.64	3.30	3.63	4.32	4.63	6.67	--	3.17	2.38	2.04	2.93	6.96	22
3/14/2025	3.83	4.71	6.51	17.87	12.38	10.42	9.83	38.59	--	14.10	9.74	7.52	6.71	4.71	4.98	4.82	4.39	5.23	6.35	6.78	8.67	11.65	13.80	14.59	9.92	23
3/15/2025	12.51	--	9.81	6.83	4.79	4.58	6.34	25.50	28.34	11.51	10.28	2.24	2.50	2.31	3.13	2.97	2.36	2.42	2.70	--	2.46	2.33	1.93	1.99	6.81	22
3/16/2025	1.90	1.73	1.84	1.84	3.44	6.52	6.97	5.73	4.72	4.20	4.68	5.62	4.93	3.23	1.24	1.57	1.45	2.92	1.34	2.40	1.34	1.65	2.25	3.78	3.22	24
3/17/2025	1.78	1.20	2.20	1.52	2.22	2.32	2.47	2.18	1.63	1.00	1.62	1.58	1.17	1.10	1.28	1.13	1.28	2.12	2.31	2.16	3.94	--	2.21	2.16	1.85	23
3/18/2025	2.38	2.36	4.23	2.56	2.06	5.78	6.79	12.75	13.44	14.34	6.60	4.06	3.46	4.15	4.06	4.10	5.62	2.84	4.89	3.49	3.13	4.66	4.88	4.85	5.31	24
3/19/2025	3.51	3.05	--	6.57	5.24	5.42	6.39	5.75	19.08	13.71	12.42	10.50	4.57	5.73	5.00	4.50	5.32	7.70	9.34	7.41	--	5.36	4.57	3.88	7.05	22
3/20/2025	3.91	3.18	3.68	4.98	5.40	7.26	7.13	9.01	9.32	10.82	7.67	5.98	7.01	7.22	5.62	3.22	2.83	2.61	2.59	2.13	2.10	2.04	2.29	1.41	4.97	24
3/21/2025	1.02	0.90	0.95	0.80	--	0.88	1.34	2.46	2.47	1.29	1.86	1.08	0.86	0.97	1.91	2.12	2.05	1.82	1.54	1.79	3.68	3.42	4.54	10.82	2.20	23
3/22/2025	15.70	17.61	16.99	16.24	14.13	9.41	--	6.80	12.95	10.02	7.86	5.62	4.80	5.05	4.64	6.37	6.05	4.41	4.33	4.98	8.31	11.35	10.45	9.59	9.29	23
3/23/2025	9.84	--	12.96	13.03	14.65	17.99	20.42	24.33	26.94	--	14.62	14.56	6.00	4.41	3.35	3.57	5.24	9.04	10.77	9.98	7.00	5.56	6.36	7.42	11.27	22
3/24/2025	9.25	6.93	--	5.86	3.95	3.73	4.11	10.32	8.74	4.34	2.98	4.14	3.15	5.43	4.55	4.03	4.29	4.06	4.29	5.57	5.96	6.67	5.80	4.22	5.32	23
3/25/2025	3.19	3.04	3.21	3.66	3.61	3.77	6.26	--	--	9.47	9.99	5.56	3.25	2.48	2.42	2.88	2.19	1.84	2.40	2.59	4.57	4.30	5.48	3.31	4.07	22
3/26/2025	3.97	5.31	7.55	7.01	6.83	10.63	8.51	10.58	15.37	--	5.99	4.26	4.25	4.19	3.34	3.22	2.62	3.41	3.45	5.40	4.40	4.88	5.27	5.29	5.90	23
3/27/2025	8.21	7.31	9.28	7.15	3.03	6.61	11.90	18.56	--	8.73	3.85	3.29	2.33	2.21	2.98	2.93	2.63	2.47	2.41	3.51	3.78	4.88	6.05	4.74	5.60	23
3/28/2025	7.22	8.79	12.02	--	35.47	35.71	32.22	--	49.01	30.30	6.39	4.31	3.31	2.31	1.47	1.57	2.01	2.23	2.61	2.81	2.73	3.47	4.16	2.15	11.47	22
3/29/2025	2.17	5.29	6.73	--	4.03	6.91	12.83	17.92	16.60	4.48	2.02	1.19	1.46	1.15	2.01	1.94	1.93	1.53	1.64	2.62	3.91	2.58	3.24	2.65	4.64	23
3/30/2025	6.35	5.09	4.23	6.34	9.43	5.57	--	11.34	10.27	4.83	1.00	1.28	1.14	1.11	1.20	1.68	0.94	1.24	1.29	3.04	5.86	4.61	4.97	4.84	4.25	23
3/31/2025	1.40	0.90	0.78	0.78	0.77	1.69	2.13	3.76	5.94	4.19	2.11	1.71	2.38	2.49	3.29	2.86	3.29	2.93	3.00	1.99	2.57	2.16	8.50	6.00	2.82	24
avg	6.55	5.85	7.12	7.18	8.07	8.59	9.55	12.70	13.03	8.45	6.15	5.08	3.61	3.25	3.47	3.33	3.30	3.67	4.01	4.46	4.84	5.21	5.53	6.05	6.19	
min	0.66	0.56	0.57	0.57	0.55	0.72	0.89	1.24	1.04	0.98	1.00	0.84	0.86	0.87	1.01	1.02	0.94	1.24	1.29	1.76	1.01	1.41	0.98	0.64	1.69	
max	24.66	20.03	23.68	17.87	35.47	35.71	32.22	38.59	49.01	30.30	14.62	18.24	8.77	7.22	19.37	12.63	9.83	10.42	10.77	12.62	14.44	12.41	13.80	18.52	11.78	707

Saroad Table - Hourly PM2.5 Data
March 2025

Location: Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2025	11.06	13.85	15.16	15.44	14.81	12.29	10.76	9.56	8.95	5.19	--	31.96	5.50	4.99	5.88	6.07	5.95	7.62	10.37	15.27	16.83	18.64	--	5.16	11.42	22
3/2/2025	3.42	1.83	1.44	1.55	1.97	2.83	2.21	1.27	1.72	1.12	1.53	1.15	1.02	1.54	2.09	1.84	1.95	2.53	2.50	1.87	1.87	2.20	3.67	3.40	2.02	24
3/3/2025	3.19	2.11	3.22	1.14	1.62	1.70	1.27	0.54	0.63	0.70	0.65	2.13	0.64	1.11	0.89	1.07	1.27	1.48	1.36	2.42	0.77	0.68	2.14	2.64	1.47	24
3/4/2025	1.02	10.44	6.86	1.25	2.15	2.41	0.58	0.39	0.75	0.71	0.91	1.06	0.99	0.85	0.70	0.51	0.84	0.91	1.04	0.82	0.90	1.32	1.47	1.05	1.66	24
3/5/2025	0.95	1.27	2.10	2.24	1.48	0.97	--	1.39	0.52	--	0.51	0.80	0.88	1.32	1.57	1.79	1.52	1.47	1.59	1.75	1.20	0.65	0.59	0.52	1.23	22
3/6/2025	0.45	0.59	0.74	0.79	1.03	1.44	1.17	1.19	2.30	1.35	1.59	1.31	1.31	1.68	1.54	1.80	2.26	2.27	4.59	4.90	5.60	2.42	1.55	1.75	1.90	24
3/7/2025	--	5.10	9.73	3.05	2.29	1.68	1.73	2.02	--	1.45	1.59	1.66	1.55	1.58	1.84	1.94	3.19	2.61	2.66	2.20	2.35	2.88	3.68	7.67	2.93	22
3/8/2025	--	11.91	6.85	4.39	3.92	4.10	4.46	3.79	3.74	3.55	20.09	18.62	21.08	11.25	8.25	--	4.42	3.69	4.14	4.41	4.10	4.35	4.00	8.55	7.44	22
3/9/2025	5.82	7.19	5.28	2.51	2.23	4.83	2.09	1.48	1.80	1.63	1.61	3.55	3.22	2.40	4.28	2.19	1.61	3.54	1.82	2.41	3.61	3.17	2.61	4.48	3.14	24
3/10/2025	1.87	2.92	3.25	2.51	2.81	1.35	1.48	1.51	4.94	1.64	2.95	1.72	--	1.27	1.31	1.10	1.26	1.22	1.46	1.96	1.28	1.31	1.78	2.06	1.96	23
3/11/2025	2.31	3.52	5.45	8.03	9.60	4.27	5.25	4.11	2.51	2.72	2.23	1.81	2.17	3.37	2.83	2.99	3.32	3.10	3.39	3.07	2.88	3.53	3.90	4.58	3.79	24
3/12/2025	5.37	6.44	8.19	8.04	--	7.26	9.08	10.18	7.94	7.45	7.05	8.87	8.58	7.13	5.91	6.53	7.78	5.55	4.56	6.04	5.70	4.40	5.64	8.00	7.03	23
3/13/2025	--	6.13	6.38	6.08	6.12	5.91	5.16	4.69	3.98	3.40	3.02	2.82	2.68	2.67	2.92	2.71	2.56	2.20	2.11	2.31	2.44	2.38	2.63	3.06	3.67	23
3/14/2025	2.99	3.36	4.34	3.78	10.08	6.60	9.76	5.33	6.94	--	4.17	4.40	5.89	5.44	7.18	5.59	6.58	9.69	7.12	7.94	10.40	7.53	4.19	4.99	6.27	23
3/15/2025	5.12	6.03	5.80	5.14	5.29	2.51	2.01	2.04	2.16	2.01	2.17	2.24	1.84	--	1.42	1.29	1.14	0.97	0.72	0.77	1.01	1.07	1.21	1.30	2.40	23
3/16/2025	1.47	2.58	3.16	2.90	3.79	3.49	3.45	3.38	3.23	2.43	2.32	2.92	2.74	2.60	1.76	1.06	1.12	3.12	0.75	1.29	2.35	0.45	1.66	1.73	2.32	24
3/17/2025	2.09	2.05	2.25	2.51	1.94	1.34	1.39	3.15	1.87	2.07	2.17	1.66	1.42	2.20	1.22	1.78	1.74	2.19	2.68	6.40	3.48	2.93	2.57	1.85	2.29	24
3/18/2025	2.22	2.77	2.76	2.25	6.59	2.63	1.67	1.78	0.99	--	1.02	1.31	0.95	0.80	0.69	0.79	0.71	0.70	0.63	0.64	0.55	0.54	0.67	0.68	1.49	23
3/19/2025	1.04	1.34	1.44	3.17	--	1.41	2.84	3.79	4.31	7.76	5.50	5.95	6.30	7.50	6.49	6.23	5.07	3.90	5.87	3.04	2.36	2.03	2.83	3.92	4.09	23
3/20/2025	5.55	5.40	5.92	6.94	7.57	6.63	7.25	7.59	--	6.21	5.98	2.69	1.66	2.00	1.97	1.97	1.53	1.88	1.21	0.88	1.75	1.37	1.03	2.78	3.82	23
3/21/2025	1.74	0.61	0.63	0.84	1.70	0.73	0.67	0.82	1.28	1.74	1.87	2.07	2.07	3.55	3.83	3.23	1.73	2.08	9.15	6.74	4.42	6.02	29.99	--	3.81	23
3/22/2025	16.39	4.54	3.62	3.56	7.64	9.31	7.24	6.17	5.30	4.55	4.26	5.24	11.18	7.42	8.14	--	5.50	4.65	4.17	3.98	4.41	5.08	7.53	11.75	6.59	23
3/23/2025	13.45	16.49	20.86	24.74	--	24.35	19.12	8.89	8.05	9.41	6.57	8.79	11.73	13.24	12.09	9.45	--	6.21	4.27	3.68	3.65	4.04	3.84	3.16	10.73	22
3/24/2025	2.59	2.69	2.99	3.39	4.66	2.72	2.64	2.21	2.45	3.06	2.99	2.41	2.82	3.56	4.16	4.14	4.51	3.79	7.87	7.02	4.31	3.53	2.66	3.52	3.61	24
3/25/2025	4.86	9.40	--	2.35	3.33	2.49	3.04	1.85	1.78	2.55	1.08	1.16	1.22	1.36	1.65	1.87	1.96	1.71	1.45	1.23	1.47	1.90	2.35	3.42	2.41	23
3/26/2025	5.82	6.38	10.07	9.22	6.05	4.70	2.47	2.04	1.53	1.60	1.32	1.42	1.60	1.99	1.94	2.24	2.83	2.37	2.02	2.33	2.93	5.52	4.12	4.50	3.63	24
3/27/2025	5.08	5.28	--	3.83	2.54	1.61	2.26	1.94	1.35	1.20	1.14	1.11	1.16	1.32	1.40	2.00	1.86	1.87	1.70	2.08	1.79	1.89	2.40	3.84	2.20	23
3/28/2025	2.23	1.58	1.02	1.22	2.02	--	1.17	2.50	2.51	2.24	2.15	1.73	1.39	1.67	1.75	2.02	2.22	2.14	1.87	1.75	1.36	1.75	1.23	0.97	1.76	23
3/29/2025	1.35	1.62	0.95	2.21	0.57	0.74	0.92	0.86	1.83	3.25	2.72	1.89	2.10	1.86	2.64	4.46	2.53	1.57	1.41	0.87	1.00	1.45	1.20	1.32	1.72	24
3/30/2025	1.33	1.59	1.30	3.35	1.29	2.90	0.66	1.15	1.08	1.24	1.29	2.35	--	0.62	1.00	1.37	1.05	1.32	4.24	1.76	0.51	0.22	0.34	0.42	1.41	23
3/31/2025	0.29	0.34	0.45	0.65	0.74	1.69	0.92	1.24	1.15	1.25	1.46	1.45	1.80	1.96	2.32	1.32	0.78	1.11	1.14	0.96	0.89	1.08	1.20	1.25	1.14	24
avg	3.97	4.75	4.91	4.49	4.14	4.23	3.82	3.19	3.02	2.98	3.13	4.14	3.71	3.34	3.28	2.81	2.69	2.88	3.22	3.32	3.17	3.11	3.49	3.48	3.59	
min	0.29	0.34	0.45	0.65	0.57	0.73	0.58	0.39	0.52	0.70	0.51	0.80	0.64	0.62	0.69	0.51	0.71	0.70	0.63	0.64	0.51	0.22	0.34	0.42	1.14	
max	16.39	16.49	20.86	24.74	14.81	24.35	19.12	10.18	8.95	9.41	20.09	31.96	21.08	13.24	12.09	9.45	7.78	9.69	10.37	15.27	16.83	18.64	29.99	11.75	11.42	720

Saroad Table - Hourly PM2.5 Data
March 2025

Location: Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
3/1/2025	6.08	10.79	13.89	15.44	17.19	19.06	--	18.35	13.74	11.20	10.92	7.35	5.28	5.94	13.03	15.62	8.19	6.82	12.49	--	10.75	13.44	15.01	16.84	12.16	22
3/2/2025	11.43	7.09	14.19	2.93	1.69	1.43	1.48	1.60	2.89	2.57	2.65	2.43	1.97	2.70	2.95	2.01	1.78	2.76	4.85	--	2.32	3.58	3.97	5.15	3.76	23
3/3/2025	3.54	3.65	4.71	4.44	4.86	3.97	5.96	3.87	4.09	2.79	0.92	1.46	1.38	4.55	1.25	1.05	1.68	4.11	1.22	0.97	1.46	1.27	1.61	2.07	2.79	24
3/4/2025	1.19	1.54	1.66	1.24	1.07	1.15	1.57	3.42	3.51	9.34	5.31	5.72	5.65	7.54	6.60	3.00	--	2.76	5.74	10.21	7.38	4.26	3.10	1.44	4.10	23
3/5/2025	1.12	1.02	0.89	0.90	1.04	1.02	1.10	1.65	2.83	2.67	2.41	2.46	--	2.13	2.72	3.20	3.78	3.41	3.20	2.67	1.98	2.10	1.72	1.15	2.05	23
3/6/2025	0.75	0.83	0.72	0.75	0.87	0.94	1.28	1.74	1.74	1.80	1.78	1.64	1.51	1.58	3.91	7.47	7.14	3.47	2.78	3.97	5.21	--	5.81	5.51	2.75	23
3/7/2025	6.99	4.76	3.09	4.15	6.40	6.58	11.33	17.92	12.03	8.94	4.22	3.90	5.11	4.67	5.04	2.93	3.18	3.16	4.84	5.43	--	2.74	2.72	2.39	5.76	23
3/8/2025	3.58	4.76	7.65	14.28	13.13	9.36	8.24	9.05	7.55	6.24	5.12	5.26	4.71	5.19	25.39	--	9.99	8.15	9.68	11.95	9.57	7.18	6.47	7.75	8.71	23
3/9/2025	9.19	9.06	--	10.02	8.79	5.56	5.13	3.79	4.40	--	2.94	1.69	1.88	6.21	1.95	1.77	3.56	2.39	3.50	4.52	2.40	2.14	1.73	2.06	4.30	22
3/10/2025	2.28	2.33	1.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.20	3
3/11/2025	--	--	--	--	--	--	--	--	--	--	--	--	16.29	15.28	16.29	11.58	4.16	3.44	3.47	6.98	13.40	11.72	12.44	11.41	10.54	12
3/12/2025	8.71	--	7.96	7.30	9.51	12.38	12.96	19.56	24.88	15.35	15.50	--	6.09	6.44	5.42	4.92	5.88	7.23	5.85	5.60	6.25	5.03	4.94	5.28	9.23	22
3/13/2025	4.87	6.30	7.42	8.93	10.07	10.32	12.98	--	15.37	14.14	8.14	6.41	5.58	5.28	3.95	4.45	7.11	4.77	6.73	5.24	4.55	3.81	4.30	3.49	7.14	23
3/14/2025	4.94	7.02	9.79	9.69	--	9.49	16.33	16.75	25.05	38.72	22.57	--	3.44	10.84	5.08	7.95	4.88	5.82	9.36	12.91	15.27	12.86	14.21	12.87	12.54	22
3/15/2025	14.44	--	5.92	3.50	3.50	3.80	3.67	4.31	8.15	11.08	6.38	4.86	4.59	5.70	5.12	5.02	3.24	4.11	3.52	6.32	7.59	6.12	2.98	2.88	5.51	23
3/16/2025	4.06	2.46	2.37	2.37	3.89	6.82	--	4.36	4.23	3.43	4.00	4.62	3.81	1.70	1.60	2.80	2.49	--	1.93	2.37	1.81	2.29	2.44	1.85	3.08	22
3/17/2025	1.79	1.72	2.37	1.86	2.10	2.36	2.45	2.98	3.50	2.37	2.25	2.20	1.64	1.65	2.90	1.90	4.60	7.61	2.28	2.60	2.30	3.86	4.16	3.39	2.78	24
3/18/2025	4.71	4.09	6.40	6.05	--	2.24	2.58	2.57	2.32	2.18	1.34	5.70	3.89	4.16	2.22	3.81	3.13	2.78	2.43	1.87	2.11	2.71	2.44	4.39	3.31	23
3/19/2025	2.92	3.70	4.70	4.88	4.67	4.58	7.21	11.17	15.73	15.31	--	11.58	7.05	6.97	6.25	7.57	6.29	6.39	8.42	6.88	6.12	6.67	5.05	3.98	7.13	23
3/20/2025	3.44	2.82	3.57	4.84	5.71	5.66	6.52	9.04	--	8.05	7.99	8.65	7.41	6.87	7.33	3.28	3.51	2.93	4.95	2.10	1.86	2.12	1.81	1.53	4.87	23
3/21/2025	1.49	1.03	1.13	0.80	2.42	1.02	1.68	2.72	4.13	8.25	11.49	12.97	12.99	--	1.92	3.78	5.70	2.47	1.74	2.97	5.04	4.42	8.50	11.70	4.80	23
3/22/2025	11.17	11.10	12.03	11.29	9.60	6.65	6.33	7.12	10.99	--	9.83	7.32	5.34	4.95	5.88	7.32	6.41	5.18	5.50	13.04	14.48	9.40	8.15	9.36	8.63	23
3/23/2025	8.43	9.95	--	16.43	16.76	20.37	24.44	27.66	27.24	--	24.95	16.46	8.56	9.64	6.04	4.53	7.97	11.71	11.53	10.32	7.79	--	4.15	3.98	13.28	21
3/24/2025	3.85	3.67	3.84	3.36	3.95	3.98	4.64	8.00	9.77	5.80	4.96	4.92	5.07	6.89	6.84	6.28	6.44	4.90	4.63	7.20	8.46	11.22	--	4.21	5.78	23
3/25/2025	2.92	2.41	2.64	3.10	3.36	3.79	5.29	18.34	25.82	36.96	--	2.50	4.58	7.48	3.43	3.22	2.61	1.97	1.92	2.75	2.21	2.58	3.88	4.61	6.45	23
3/26/2025	3.28	3.88	4.68	8.34	7.45	10.93	10.21	19.70	22.77	--	2.73	2.11	2.58	6.50	3.86	1.86	1.99	2.20	3.87	6.00	3.16	4.64	4.45	7.14	6.28	23
3/27/2025	18.52	15.38	6.59	4.43	3.74	3.66	4.50	4.25	3.44	2.03	1.89	2.52	2.75	7.30	4.24	--	3.41	1.74	2.11	7.46	3.81	6.85	2.94	3.54	5.09	23
3/28/2025	4.99	3.94	5.10	6.07	3.95	3.73	3.32	5.14	6.46	--	--	3.40	2.69	7.72	3.18	1.94	1.96	2.61	3.11	4.91	5.73	6.00	3.71	3.03	4.21	22
3/29/2025	2.27	2.98	3.70	--	2.20	6.49	3.10	5.82	4.33	6.27	3.01	1.86	3.87	5.09	2.64	6.60	3.03	3.03	6.18	12.19	4.77	10.64	2.43	2.36	4.56	23
3/30/2025	3.76	2.41	1.88	1.69	5.29	8.69	6.69	7.89	--	8.12	2.81	1.85	3.07	3.02	1.33	1.72	1.33	1.63	3.00	9.17	11.06	4.63	5.76	3.30	4.35	23
3/31/2025	1.39	0.38	0.88	0.60	0.67	1.74	2.69	6.01	7.40	3.72	3.40	3.11	2.58	3.42	3.46	2.65	3.44	3.25	3.43	3.82	3.16	5.11	6.77	3.53	3.19	24
avg	5.27	4.68	5.06	5.70	5.70	6.13	6.43	8.74	10.16	9.47	6.52	5.00	4.88	5.77	5.39	4.65	4.44	4.24	4.81	6.16	5.93	5.69	5.09	5.07	5.85	
min	0.75	0.38	0.72	0.60	0.67	0.94	1.10	1.60	1.74	1.80	0.92	1.46	1.38	1.58	1.25	1.05	1.33	1.63	1.22	0.97	1.46	1.27	1.61	1.15	2.05	
max	18.52	15.38	14.19	16.43	17.19	20.37	24.44	27.66	27.24	38.72	24.95	16.46	16.29	15.28	25.39	15.62	9.99	11.71	12.49	13.04	15.27	13.44	15.01	16.84	13.28	677

Saroad Table - Corrected Hourly PM2.5 Data
April 2025

Location: Garden City **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2025	2.7	3.5	3.3	3.5	3.7	4.1	5.9	8.4	9.5	9.2	10.7	10.4	8.7	7.8	6.9	7.1	7.3	9.5	10.9	13.0	10.1	8.8	9.2	7.1	7.6	24
4/2/2025	8.4	11.0	15.5	18.7	17.2	14.0	12.6	9.8	9.5	8.0	5.6	4.7	7.9	5.7	5.0	4.7	4.6	4.6	4.5	4.0	3.9	4.4	3.8	3.5	8.0	24
4/3/2025	2.9	3.0	3.1	3.4	3.3	3.1	3.3	3.6	3.3	3.0	3.5	3.4	3.4	3.9	6.9	5.4	3.3	2.7	3.2	3.0	4.5	5.2	4.3	3.3	3.7	24
4/4/2025	3.3	3.3	3.3	3.5	3.3	3.6	3.8	3.9	3.7	3.8	4.3	4.2	3.8	3.6	3.6	3.6	3.3	2.8	2.8	3.0	3.6	4.9	3.1	3.5	3.6	24
4/5/2025	2.6	2.6	2.7	3.0	2.8	2.7	2.8	2.9	2.8	2.9	3.6	3.8	4.0	5.0	4.3	4.0	4.0	3.5	3.2	3.0	2.9	2.6	2.4	2.5	3.2	24
4/6/2025	2.5	2.8	3.0	3.4	3.6	4.3	4.6	4.9	4.4	4.0	4.1	4.0	4.1	4.3	4.1	3.8	3.5	3.2	2.8	2.8	2.8	3.0	3.2	3.3	3.6	24
4/7/2025	3.6	4.3	5.1	5.1	5.3	4.9	5.2	6.1	5.7	5.9	5.9	5.5	5.7	5.6	5.3	3.0	3.7	3.7	3.1	1.2	2.0	2.3	2.6	2.9	4.3	24
4/8/2025	2.8	2.0	1.4	1.2	1.2	1.2	1.9	2.4																	1.8	8
4/9/2025																										
4/10/2025																										
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4/30/2025																										
avg	3.6	4.1	4.7	5.2	5.0	4.7	5.0	5.3	5.6	5.3	5.4	5.1	5.4	5.1	5.2	4.5	4.2	4.3	4.3	4.3	4.3	4.5	4.1	3.7	4.5	
min	2.5	2.0	1.4	1.2	1.2	1.2	1.9	2.4	2.8	2.9	3.5	3.4	3.4	3.6	3.6	3.0	3.3	2.7	2.8	1.2	2.0	2.3	2.4	2.5	1.8	
max	8.4	11.0	15.5	18.7	17.2	14.0	12.6	9.8	9.5	9.2	10.7	10.4	8.7	7.8	6.9	7.1	7.3	9.5	10.9	13.0	10.1	8.8	9.2	7.1	8.0	176

Monitor demoblize from community on April 8, 2025

Saroad Table - Corrected Hourly PM2.5 Data
April 2025

Location: Carver Village **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2025	3.0	4.0	4.6	4.8	4.9	4.7	6.0	7.4	8.0	8.1	8.2	9.6	9.4	8.5	7.8	7.6	8.2	9.5	11.1	11.9	10.7	9.2	7.7	7.6	7.6	24
4/2/2025	8.5	10.0	16.4	14.1	16.1	17.8	15.2	9.7	7.8	4.8	4.0	4.2	4.4	4.7	4.9	4.8	4.6	4.5	4.9	4.7	4.3	3.9	3.6	3.6	7.6	24
4/3/2025	3.8	3.9	4.2	4.1	4.1	4.0	4.3	4.3	4.0	3.6	3.7	3.9	3.6	3.7	3.5	3.6	3.6	3.5	3.9	3.8	3.8	4.3	4.6	4.5	3.9	24
4/4/2025	4.3	4.4	4.4	4.6	4.9	5.1	5.2	5.1	4.7	4.1	4.2	4.0	3.8	3.5	3.4	3.4	3.2	3.3	4.0	3.6	3.6	3.3	3.1	2.8	4.0	24
4/5/2025	2.9	3.1	3.5	3.5	3.5	3.6	3.8	3.4	3.2	3.8	4.1	4.3	4.5	4.5	4.3	4.3	4.3	3.8	3.7	3.8	3.6	3.5	3.3	3.5	3.7	24
4/6/2025	3.7	3.7	4.1	4.5	4.9	5.1	5.6	5.6	5.1	4.4	4.4	4.4	4.6	4.3	4.3	4.2	3.9	3.4	3.8	3.5	3.8	3.9	4.3	4.6	4.3	24
4/7/2025	4.9	5.5	5.8	6.3	6.2	6.1	5.5	5.8	6.2	6.1	7.7	6.3	6.2	6.8	6.3	4.3	4.5	4.7	3.9	2.0	4.3	4.0	3.4	4.0	5.3	24
4/8/2025	3.8	2.7	1.7	1.6	1.5	1.5	4.2	8.5	9.3																3.9	9
4/9/2025																										0
4/10/2025																										0
4/11/2025																										0
4/12/2025																										0
4/13/2025																										0
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4/16/2025																										0
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4/18/2025																										0
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4/20/2025																										0
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4/24/2025																										0
4/25/2025																										0
4/26/2025																										0
4/27/2025																										0
4/28/2025																										0
4/29/2025																										0
4/30/2025																										0
avg	4.4	4.7	5.6	5.4	5.8	6.0	6.2	6.2	6.0	5.0	5.2	5.2	5.2	5.1	4.9	4.6	4.6	4.7	5.0	4.8	4.9	4.6	4.3	4.4	5.0	
min	2.9	2.7	1.7	1.6	1.5	1.5	3.8	3.4	3.2	3.6	3.7	3.9	3.6	3.5	3.4	3.4	3.2	3.3	3.7	2.0	3.6	3.3	3.1	2.8	3.7	
max	8.5	10.0	16.4	14.1	16.1	17.8	15.2	9.7	9.3	8.1	8.2	9.6	9.4	8.5	7.8	7.6	8.2	9.5	11.1	11.9	10.7	9.2	7.7	7.6	7.6	177

Monitor demoblize from community on April 8, 2025

Saroad Table - Corrected Hourly PM2.5 Data
April 2025

Location: Woodville **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2025	3.8	3.9	4.6	4.7	5.2	5.2	8.2	9.3	9.1	10.3	12.9	12.1	10.0	9.6	9.0	7.6	8.1	9.2	11.4	13.4	11.4	9.7	8.7	8.2	8.6	24
4/2/2025	10.4	11.7	19.3	19.1	20.0	20.1	15.6	10.6	10.1	7.3	4.1	4.3	4.5	4.5	4.5	4.4	4.3	4.2	4.6	4.4	3.9	3.3	3.3	2.9	8.4	24
4/3/2025	3.3	3.7	4.1	3.7	3.7	4.4	4.4	4.4	4.2	3.8	3.6	3.7	3.9	3.5	3.4	3.4	3.1	2.9	3.0	3.2	3.5	3.7	4.0	4.3	3.7	24
4/4/2025	4.3	4.1	4.4	4.4	4.7	4.9	5.0	5.3	5.0	4.4	4.7	4.1	3.8	3.6	3.2	2.8	2.7	2.7	2.8	3.1	3.0	2.8	2.5	2.5	3.8	24
4/5/2025	2.6	3.3	3.3	3.5	3.4	3.0	3.1	3.8	3.2	3.2	3.9	4.0	4.4	4.4	3.8	3.6	3.6	3.2	3.1	3.2	3.3	3.0	2.7	2.7	3.4	24
4/6/2025	3.0	3.4	3.7	4.1	4.4	5.1	5.9	5.5	4.8	4.3	4.2	4.0	4.1	4.0	3.6	3.5	3.4	2.9	2.7	2.8	3.0	3.2	3.7	3.9	3.9	24
4/7/2025	4.3	5.2	5.7	6.0	6.1	5.7	5.1	5.9	5.9	6.6	6.7	6.4	6.4	6.4	6.1	3.6	4.0	4.2	3.8	3.3	4.6	5.9	5.1	3.7	5.3	24
4/8/2025	3.7	5.3	4.3	1.9	2.4	3.8	4.5	5.8																	4.0	8
4/9/2025																										0
4/10/2025																										0
4/11/2025																										0
4/12/2025																										0
4/13/2025																										0
4/14/2025																										0
4/15/2025																										0
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4/17/2025																										0
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4/21/2025																										0
4/22/2025																										0
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4/24/2025																										0
4/25/2025																										0
4/26/2025																										0
4/27/2025																										0
4/28/2025																										0
4/29/2025																										0
4/30/2025																										0
avg	4.4	5.1	6.2	5.9	6.2	6.5	6.5	6.3	6.1	5.7	5.7	5.5	5.3	5.1	4.8	4.1	4.1	4.2	4.5	4.8	4.7	4.5	4.3	4.0	5.1	
min	2.6	3.3	3.3	1.9	2.4	3.0	3.1	3.8	3.2	3.2	3.6	3.7	3.8	3.5	3.2	2.8	2.7	2.7	2.7	2.8	3.0	2.8	2.5	2.5	3.4	
max	10.4	11.7	19.3	19.1	20.0	20.1	15.6	10.6	10.1	10.3	12.9	12.1	10.0	9.6	9.0	7.6	8.1	9.2	11.4	13.4	11.4	9.7	8.7	8.2	8.6	176

Monitor demoblize from community on April 8, 2025

Saroad Table - Corrected Hourly PM2.5 Data
April 2025

Location: GA DNR **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2025	3.2	3.9	4.4	4.6	5.0	5.8	8.9	17.7	11.5	17.2	15.7	12.4	12.1	8.9	8.7	8.1	8.2	9.8	11.3	11.5	11.4	10.5	8.6	8.0	9.5	24
4/2/2025	9.6	13.0	17.4	17.1	17.7	17.8	15.5	10.7	9.1	9.5	4.6	4.3	4.7	4.7	4.7	4.8	4.5	4.4	4.5	4.6	4.3	3.7	3.4	3.4	8.3	24
4/3/2025	3.2	3.4	3.6	3.6	3.4	3.6	3.9	3.8	3.7	3.5	3.8	3.9	3.7	3.8	4.0	3.6	3.7	3.4	3.7	3.5	3.4	3.8	3.9	3.8	3.7	24
4/4/2025	3.8	3.9	3.8	3.9	4.3	4.5	4.6	4.6	4.3	3.9	4.2	4.1	4.1	3.8	3.7	3.7	3.4	3.2	3.0	3.1	3.0	3.0	2.6	2.6	3.7	24
4/5/2025	2.6	2.8	3.1	3.3	3.2	3.3	3.0	3.1	3.3	3.6	4.1	4.3	4.6	4.6	4.3	4.4	4.3	4.0	3.5	3.2	3.3	3.1	2.9	3.0	3.5	24
4/6/2025	3.2	3.5	3.6	3.9	4.3	4.8	5.2	5.6	5.1	4.5	4.5	4.5	4.5	4.3	4.2	4.1	4.0	3.6	3.0	3.0	3.2	3.6	3.8	4.1	4.1	24
4/7/2025	4.4	5.2	5.4	5.8	5.8	5.6	5.0	5.4	5.8	5.9	6.4	6.3	6.0	6.2	5.8	4.1	4.2	4.3	4.0	2.2	2.5	4.8	4.8	3.8	5.0	24
4/8/2025	3.9	3.4	2.6	2.6	2.2	1.7	2.6	3.1	3.4	4.6	5.0	4.9	5.5	5.1	5.2	5.5	5.3	5.4	5.5	4.7	4.6	5.0	5.7	6.6	4.3	24
4/9/2025	8.6	11.2	13.2	12.7	12.4	13.4	14.2	16.5	14.9	10.6	7.0	7.7	6.8	6.8	7.2	7.7	6.6	6.5	8.3	6.9	5.9	5.7	6.5	5.2	9.3	24
4/10/2025	6.2	6.6	8.2	10.1	11.2	14.5	14.5	14.3	14.0	10.3	7.6	10.7	11.0	6.9	6.5	7.2	7.1	7.1	6.8	5.6	2.5	2.8	3.4	3.7	8.3	24
4/11/2025	5.3	7.0	6.3	7.9	6.5	6.1	4.8	5.8	5.9	8.6	5.9	6.0	5.6	6.5	6.6	6.3	6.3	6.5	6.3	6.0	11.8	6.4	16.3	8.0	7.0	24
4/12/2025	6.1	5.0	5.9	5.4	5.4	5.7	4.8	5.2	5.1	4.3	4.1	3.9	4.0	4.2	5.5	4.9	4.9	5.6	5.3	3.2	3.7	4.6	6.7	6.5	5.0	24
4/13/2025	5.8	7.8	11.5	9.7	8.5	7.8	7.3	6.8	5.9	5.7	5.7	7.4	8.2	8.4	18.5		47.9	6.7	4.9	5.0	5.1	5.3	5.4	5.2	9.1	23
4/14/2025	6.1	6.4	7.8	7.1	8.1	8.0	8.6	10.2	12.3	11.0	9.4	8.5	14.1		8.3	7.7	8.3	8.2	8.0	7.5	7.5	7.7	8.2	7.4	8.5	23
4/15/2025	6.3	6.4	6.4	6.4	7.0	7.7	8.1	8.1	8.6	9.2	9.4	11.7		15.5	15.5	17.7	19.0	17.8	10.4	8.2	14.4	12.1	15.4		11.0	22
4/16/2025			9.2				8.7	7.4	6.4	5.2	5.3	5.4	6.2	6.2	6.9	7.3	6.4	5.5	5.6	4.3	4.1	4.3	4.7	5.8	6.0	19
4/17/2025	7.5	7.3	6.1	7.8					101.1	12.6	9.4	8.0	8.4	9.2	10.4	10.9	12.0	9.5	7.3	6.6	6.9	8.3	8.8	8.6	13.3	20
4/18/2025	8.8	9.1	8.8	7.1	8.5	10.9	7.0	5.0	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.0	3.1	2.8	2.5	2.7	2.9	2.7	2.6	2.8	4.7	24
4/19/2025	2.7	3.1	3.1	2.9	4.2	6.0	5.8	3.3	2.3	2.7	3.0	3.5	3.8	3.3	3.3	3.2	2.9	2.4	2.2	2.4	2.6	2.6	2.9	3.3	3.2	24
4/20/2025	2.8	2.3	2.5	2.8	3.2	3.1	2.8	3.0	3.1	3.1	3.4	3.9	3.9	4.0	4.2	4.0	3.5	3.3	3.3	3.9	3.4	3.9	3.8	3.0	3.3	24
4/21/2025	3.0	3.3	3.2	4.0	6.2	8.0	7.7	5.9	3.8	4.1	4.6	5.1	4.7	4.8	4.8	4.7	4.4	4.2	4.2	4.1	4.3	4.7	4.5	3.9	4.7	24
4/22/2025	3.7	4.3	11.1	11.8	9.3	9.5	7.7	6.1	5.3	7.4	9.1	8.9	8.3	7.3	6.1	5.8	5.3	5.1	4.1	3.7	3.6	3.6	3.4	3.2	6.4	24
4/23/2025	3.3	3.6	4.7	7.0	7.3	9.7	11.4	12.9	8.0	5.2	5.5	5.5	4.8	4.6	4.6	4.7	4.1	3.8	3.8	3.6	3.7	3.7	3.8	4.3	5.6	24
4/24/2025	4.8	5.5	6.5	8.5	9.5	13.8	12.0	10.5	8.2	5.7	5.6	5.4	5.4	5.3	5.4	5.2	5.0	4.4	4.2	4.4	4.3	3.8	5.0	5.2	6.4	24
4/25/2025	3.9	3.9	4.2	4.7	6.3	9.2	10.6	8.1	5.3	4.7	4.6	4.7	4.7	4.8	4.8	4.7	4.5	4.0	3.8	3.9	4.8	4.9	4.2	4.0	5.1	24
4/26/2025	4.0	4.3	4.5	6.1	5.6	5.7	9.2	8.4	6.3	5.8	5.9	6.4	7.1	6.5	5.9	5.3	5.2	5.0	4.7	4.4	4.1	4.0	4.6	5.7	5.6	24
4/27/2025	6.5	5.9	6.3	6.5	6.6	8.4	9.3	9.2	9.4	12.5	13.2	11.5	10.2	12.4	9.1	9.2	10.1	9.4	8.2	7.1	6.5	6.1	6.1	7.0	8.6	24
4/28/2025	7.1	7.4	6.9	7.2	8.6	8.1	7.0	6.7	8.3	5.3	6.6	8.4	5.7	4.1	3.0	2.3	1.8	1.9	2.2	2.4	2.4	2.5	2.6	2.6	5.0	24
4/29/2025	2.6	2.8	2.6	2.7	2.7	2.8	3.0	3.3	3.5	3.6	3.9	4.2	4.2	4.2	4.2	4.1	3.9	3.5	3.0	2.8	2.5	2.2	2.2	2.2	3.2	24
4/30/2025	2.2	2.9	8.7	13.4	19.4	12.7	9.4	6.8	4.0	3.9	4.4	5.0	4.9	4.4	4.8	4.3	4.1	3.3	2.8	-	-	-	-	-	6.4	19
avg	4.9	5.3	6.4	6.8	7.2	7.8	7.7	7.5	9.7	6.6	6.2	6.3	6.2	6.0	6.3	5.8	7.1	5.5	5.0	4.6	4.9	4.8	5.4	4.7	6.3	
min	2.2	2.3	2.5	2.6	2.2	1.7	2.6	3.0	2.3	2.7	3.0	3.3	3.3	3.2	3.0	2.3	1.8	1.9	2.2	2.2	2.4	2.2	2.2	2.2	3.2	
max	9.6	13.0	17.4	17.1	19.4	17.8	15.5	17.7	101.1	17.2	15.7	12.4	14.1	15.5	18.5	17.7	47.9	17.8	11.3	11.5	14.4	12.1	16.3	8.6	13.3	702

Saroad Table - Corrected Hourly PM2.5 Data
April 2025

Location: West Savannah **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2025	3.4	4.4	4.8	5.3	5.4	5.8	12.6	20.0	9.6	17.6	21.4	14.7	11.9	9.2	8.8	8.0	9.0	11.7	11.9	12.2	12.5	10.4	7.5	7.5	10.2	24
4/2/2025	8.4	12.3	14.8	14.7	15.8	17.2	12.7	9.7	10.1	11.1	5.1	4.5	4.8	4.8	4.9	4.9	5.0	4.9	5.1	5.1	4.5	3.9	3.6	3.4	8.0	24
4/3/2025	3.5	3.7	3.9	3.7	3.7	3.8	4.0	4.1	4.9	6.7	5.0	4.5	4.3	3.7	3.6	3.3	3.4	3.7	3.6	4.0	4.0	3.9	4.1	4.0	4.0	24
4/4/2025	4.0	4.1	4.0	4.2	4.3	4.4	4.6	4.6	4.6	4.1	4.3	4.3	4.0	3.8	3.5	3.4	3.3	3.5	3.5	3.5	3.6	3.5	3.5	3.2	3.9	24
4/5/2025	3.3	3.3	3.5	3.5	3.5	3.6	4.4	3.8	3.7	4.1	4.8	5.6	5.3	4.7	4.4	4.3	4.2	4.1	3.9	3.6	3.9	3.8	3.4	3.4	4.0	24
4/6/2025	3.4	3.8	3.9	4.2	4.5	5.1	5.7	5.5	5.3	4.7	4.6	4.7	4.7	4.7	4.4	4.1	4.2	3.8	3.7	3.5	3.7	3.9	4.0	4.3	4.4	24
4/7/2025	4.6	5.2	5.6	6.0	6.1	5.8	5.3	5.9	6.6	6.9	7.1	6.6	6.3	6.8	6.4	4.8	6.5	4.9	4.2	2.2	3.0	4.0	4.6	4.2	5.4	24
4/8/2025	4.0	3.5	3.0	3.1	2.4	2.2	3.1	4.1	4.2																3.3	9
4/9/2025																										0
4/10/2025																										0
4/11/2025																										0
4/12/2025																										0
4/13/2025																										0
4/14/2025																										0
4/15/2025																										0
4/16/2025																										0
4/17/2025																										0
4/18/2025																										0
4/19/2025																										0
4/20/2025																										0
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4/25/2025																										0
4/26/2025																										0
4/27/2025																										0
4/28/2025																										0
4/29/2025																										0
4/30/2025																										0
avg	4.3	5.0	5.4	5.6	5.7	6.0	6.6	7.2	6.1	7.9	7.5	6.4	5.9	5.4	5.1	4.7	5.1	5.2	5.1	4.9	5.0	4.7	4.4	4.3	5.4	
min	3.3	3.3	3.0	3.1	2.4	2.2	3.1	3.8	3.7	4.1	4.3	4.3	4.0	3.7	3.5	3.3	3.3	3.5	3.5	2.2	3.0	3.5	3.4	3.2	3.3	
max	8.4	12.3	14.8	14.7	15.8	17.2	12.7	20.0	10.1	17.6	21.4	14.7	11.9	9.2	8.8	8.0	9.0	11.7	11.9	12.2	12.5	10.4	7.5	7.5	10.2	177

Monitor demoblize from community on April 8, 2025

Saroad Table - Corrected Hourly PM2.5 Data
April 2025

Location: Brickyard **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2025	2.8	3.7	4.3	4.6	4.6	4.7	8.2	8.6	8.2	9.0	10.2	10.7	8.6	7.8	7.6	7.0	8.1	10.0	9.9	10.2	10.5	8.8	6.5	6.3	7.5	24
4/2/2025	7.1	9.5						10.0	10.8	5.4	3.4	3.4	3.8	4.0	4.1	4.1	3.9	3.7	3.9	4.1	3.6	3.2	3.1	2.9	5.0	19
4/3/2025	2.9	3.2	3.1	3.1	3.2	3.2	3.2	3.3	2.9	2.7	2.9	3.0	3.0	2.8	2.8	2.6	2.6	2.7	2.8	3.0	3.1	3.2	3.3	3.5	3.0	24
4/4/2025	3.4	3.4	3.5	3.5	3.7	3.8	4.0	4.0	3.9	3.2	3.2	3.1	3.1	3.1	2.7	2.4	2.4	2.5	2.7	2.8	3.0	2.9	2.6	2.5	3.1	24
4/5/2025	2.4	2.7	2.8	3.0	2.8	2.7	2.7	2.8	2.8	2.9	3.5	3.7	3.7	3.8	3.5	3.3	3.3	3.2	3.3	3.3	3.3	3.2	3.0	3.0	3.1	24
4/6/2025	3.0	3.2	3.4	3.7	4.0	4.3	4.5	4.8	4.4	3.6	3.6	3.7	3.8	3.6	3.3	3.3	3.1	2.8	2.9	3.1	3.4	3.3	3.6	3.6	3.6	24
4/7/2025	3.9	4.6	4.8	5.3	5.3	5.2	4.7	5.0	5.3	5.1	5.4	5.5	5.0	5.8	5.2	3.8	3.6	4.1	3.6	1.7	2.2	3.2	3.3	3.7	4.4	24
4/8/2025	3.6	3.0	2.0	1.8	1.8	1.8	2.3	2.7	2.7																2.4	9
4/9/2025																										0
4/10/2025																										0
4/11/2025																										0
4/12/2025																										0
4/13/2025																										0
4/14/2025																										0
4/15/2025																										0
4/16/2025																										0
4/17/2025																										0
4/18/2025																										0
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4/21/2025																										0
4/22/2025																										0
4/23/2025																										0
4/24/2025																										0
4/25/2025																										0
4/26/2025																										0
4/27/2025																										0
4/28/2025																										0
4/29/2025																										0
4/30/2025																										0
avg	3.6	4.2	3.4	3.6	3.6	3.7	4.2	5.2	5.1	4.6	4.6	4.7	4.4	4.4	4.2	3.8	3.8	4.1	4.2	4.0	4.2	4.0	3.6	3.7	4.0	
min	2.4	2.7	2.0	1.8	1.8	1.8	2.3	2.7	2.7	2.7	2.9	3.0	3.0	2.8	2.7	2.4	2.4	2.5	2.7	1.7	2.2	2.9	2.6	2.5	2.4	
max	7.1	9.5	4.8	5.3	5.3	5.2	8.2	10.0	10.8	9.0	10.2	10.7	8.6	7.8	7.6	7.0	8.1	10.0	9.9	10.2	10.5	8.8	6.5	6.3	7.5	172

Monitor demoblize from community on April 8, 2025

Saroad Table - Corrected Hourly PM2.5 Data
April 2025

Location: Ocean Terminal **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2025	3.1	4.2	4.9	5.3	5.4	5.4	7.2		14.5	20.6		13.9	13.1	9.6	8.6	8.5	9.9	13.4	12.3	13.9	13.9	10.8	7.6	8.5	9.8	22
4/2/2025	9.2	13.4	14.2	15.0	15.9	18.0	11.4	8.2	8.4	13.5	6.1	4.4	4.7	5.7	5.5	5.4	5.4	5.8	5.9	5.4	5.2	4.3	3.8	3.7	8.3	24
4/3/2025	3.7	3.9	3.9	3.8	3.8	3.9	4.4	4.3	4.1	4.1	4.1	4.1	4.3	4.1	4.0	4.0	4.1	4.0	4.5	4.9	4.8	4.3	4.6	4.6	4.2	24
4/4/2025	4.4	4.5	4.3	4.3	4.5	4.7	4.8	4.9	4.7	4.7	4.5	4.2	4.3	4.1	3.9	3.8	3.8	4.0	4.3	4.5	4.7	4.1	3.6	3.5	4.3	24
4/5/2025	3.8	3.5	3.4	3.4	3.5	3.5	3.5	3.6	3.4	3.8	4.5	4.8	5.1	4.9	4.9	4.9	4.9	4.4	4.8	4.5	4.4	-	-	-	4.2	21
4/6/2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
4/7/2025	-	-	-	-	-	-	-	-	-	6.3	6.6	6.3	6.0	7.1	6.7										6.5	6
4/8/2025																										0
4/9/2025																										0
4/10/2025																										0
4/11/2025																										0
4/12/2025																										0
4/13/2025																										0
4/14/2025																										0
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4/17/2025																										0
4/18/2025																										0
4/19/2025																										0
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4/23/2025																										0
4/24/2025																										0
4/25/2025																										0
4/26/2025																										0
4/27/2025																										0
4/28/2025																										0
4/29/2025																										0
4/30/2025																										0
avg	4.8	5.9	6.1	6.3	6.6	7.1	6.3	5.2	7.0	8.9	5.2	6.3	6.2	5.9	5.6	5.3	5.6	6.3	6.4	6.7	6.6	5.9	4.9	5.1	6.2	
min	3.1	3.5	3.4	3.4	3.5	3.5	3.5	3.6	3.4	3.8	4.1	4.1	4.3	4.1	3.9	3.8	3.8	4.0	4.3	4.5	4.4	4.1	3.6	3.5	4.2	
max	9.2	13.4	14.2	15.0	15.9	18.0	11.4	8.2	14.5	20.6	6.6	13.9	13.1	9.6	8.6	8.5	9.9	13.4	12.3	13.9	13.9	10.8	7.6	8.5	9.8	121

Monitor demoblize from community on April 7, 2025

Saroad Table - Corrected Hourly PM2.5 Data
April 2025

Location: Cockspur Island **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2025	1.7	2.2	2.9	3.0	3.9	3.8	4.5	12.1	10.9	22.2	24.9	19.6	14.4	10.4	9.1	9.7	12.3	12.5	14.9	16.0	11.6	7.2	6.7	8.1	10.2	24
4/2/2025	9.2	9.2	10.0	13.8		9.5	6.6	5.9	5.6	5.6	4.2	4.6	4.8	4.7	4.2	4.4	4.3	4.5	4.3	4.6	3.5	3.4	3.5	3.4	5.8	23
4/3/2025	3.5	3.8	3.9	3.7	3.8	3.9	4.0	3.7	3.6	3.8	3.9	3.9	3.6	3.5	3.6	3.3	3.1	3.1	3.1	3.1	3.5	3.9	4.2	4.2	3.7	24
4/4/2025	4.0	4.1	4.1	4.2	4.1	4.1	5.0	4.7	4.1	3.9	3.6	3.6	3.4	3.2	3.0	2.9	2.6	2.4	2.3	2.2	2.1	2.1	2.2	2.2	3.3	24
4/5/2025	2.1	2.1	2.3	2.4	2.7	2.7	2.6	2.3	2.6	3.0	3.7	4.0	4.0	3.5	3.4	3.3	2.9	2.9	3.0	3.2	2.9	3.0	3.1	3.3	3.0	24
4/6/2025	3.5	4.0	4.0	3.8	4.1	4.3	4.2	4.3	4.4	4.1	4.0	3.9	3.4	3.4	3.2	2.9	2.5	2.4	2.6	2.9	3.3	3.6	3.8	3.9	3.6	24
4/7/2025	4.3	5.1	6.3	6.8	6.3	6.6	6.4	4.6	5.0	5.3	5.7	6.2	6.0												5.7	13
4/8/2025																										0
4/9/2025																										0
4/10/2025																										0
4/11/2025																										0
4/12/2025																										0
4/13/2025																										0
4/14/2025																										0
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4/16/2025																										0
4/17/2025																										0
4/18/2025																										0
4/19/2025																										0
4/20/2025																										0
4/21/2025																										0
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4/24/2025																										0
4/25/2025																										0
4/26/2025																										0
4/27/2025																										0
4/28/2025																										0
4/29/2025																										0
4/30/2025																										0
avg	4.0	4.4	4.8	5.4	4.2	5.0	4.8	5.4	5.2	6.8	7.1	6.5	5.7	4.8	4.4	4.4	4.6	4.6	5.0	5.3	4.5	3.9	3.9	4.2	5.0	
min	1.7	2.1	2.3	2.4	2.7	2.7	2.6	2.3	2.6	3.0	3.6	3.6	3.4	3.2	3.0	2.9	2.5	2.4	2.3	2.2	2.1	2.1	2.2	2.2	3.0	
max	9.2	9.2	10.0	13.8	6.3	9.5	6.6	12.1	10.9	22.2	24.9	19.6	14.4	10.4	9.1	9.7	12.3	12.5	14.9	16.0	11.6	7.2	6.7	8.1	10.2	156

Monitor demoblize from community on April 7, 2025

Saroad Table - Corrected Hourly PM2.5 Data
April 2025

Location: Hudson Hill **Equipment:** PurpleAir PM2.5 **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2025	9.0	9.8	10.4	10.5	10.9	11.4	13.2	19.5	19.3	18.2	16.6	15.9	19.5	11.5	10.8	10.7	11.4	14.7	15.8	16.8	17.8	15.8	13.6	13.4	14.0	24
4/2/2025	14.4	18.2	22.2	21.7	23.5	22.9	20.9	15.3	12.8	12.9	9.9	8.6	8.7	8.9	8.9	9.2	9.4	9.7	10.0	10.1	10.1	9.6	9.4	9.4	13.2	24
4/3/2025	9.4	9.6	9.8	9.7	9.8	9.8	10.0	9.7	9.0	8.3	7.9	7.6	7.6	7.7	7.7	7.8	8.1	8.4	8.9	9.1	9.3	9.9	10.0	10.1	9.0	24
4/4/2025	10.0	9.9	9.9	10.1	10.5	10.4	10.4	10.5	9.9	9.3	8.6	8.3	8.0	7.6	7.3	7.2	7.1	7.4	8.0	8.3	8.6	8.6	8.4	8.1	8.8	24
4/5/2025	8.4	9.3	9.0	9.1	9.2	9.3	9.1	8.7	8.1	7.8	7.6	7.7	7.9	7.7	7.4	7.9	8.0	8.0	8.1	8.4	8.5	8.4	8.5	8.7	8.4	24
4/6/2025	9.0	9.4	9.6	9.9	10.4	11.1	11.1	10.7	9.8	8.4	7.7	7.6	7.8	7.9	8.3	7.9	8.0	7.8	8.0	8.3	8.7	8.9	9.4	9.8	9.0	24
4/7/2025	10.2	10.6	11.2	11.4	11.5	11.7	11.4	11.1	11.0	9.9	9.5	9.1	8.7	9.4	10.4	8.7	9.0	9.2	8.7	8.7	9.0	10.1	11.2	9.6	10.1	24
4/8/2025	9.7	9.1	8.1	8.0	8.7	7.4	7.8	8.0																	8.3	8
4/9/2025																										0
4/10/2025																										0
4/11/2025																										0
4/12/2025																										0
4/13/2025																										0
4/14/2025																										0
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4/19/2025																										0
4/20/2025																										0
4/21/2025																										0
4/22/2025																										0
4/23/2025																										0
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4/26/2025																										0
4/27/2025																										0
4/28/2025																										0
4/29/2025																										0
4/30/2025																										0
avg	10.0	10.7	11.3	11.3	11.8	11.7	11.7	11.7	11.4	10.7	9.7	9.3	9.8	8.7	8.7	8.5	8.7	9.3	9.7	10.0	10.3	10.2	10.1	9.9	10.1	
min	8.4	9.1	8.1	8.0	8.7	7.4	7.8	8.0	8.1	7.8	7.6	7.6	7.6	7.6	7.3	7.2	7.1	7.4	8.0	8.3	8.5	8.4	8.4	8.1	8.3	
max	14.4	18.2	22.2	21.7	23.5	22.9	20.9	19.5	19.3	18.2	16.6	15.9	19.5	11.5	10.8	10.7	11.4	14.7	15.8	16.8	17.8	15.8	13.6	13.4	14.0	176

Monitor demoblize from community on April 8, 2025

Saroad Table - Hourly PM2.5 Data
April 2025

Location: Garden City **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2025	5.50	4.78	--	2.29	1.97	2.60	3.17	3.38	3.56	5.22	4.25	3.44	3.44	2.51	1.96	1.87	2.02	2.55	3.88	5.60	6.04	4.13	3.58	3.25	3.52	23
4/2/2025	4.30	2.60	5.59	7.34	5.82	6.15	4.62	8.59	7.83	8.16	6.64	--	2.86	4.04	3.24	1.93	2.12	2.32	2.81	1.98	1.72	1.29	3.37	1.61	4.21	23
4/3/2025	1.54	0.79	0.91	1.52	1.15	2.06	1.42	2.97	2.07	1.13	1.38	2.71	0.96	1.64	3.73	5.13	5.62	2.09	1.23	2.34	2.28	6.38	8.16	3.49	2.61	24
4/4/2025	1.38	0.93	1.14	1.03	2.97	1.40	2.01	2.03	2.38	1.28	1.26	1.65	1.53	1.17	1.71	1.72	1.41	1.38	1.18	2.18	2.57	4.35	--	2.27	1.78	23
4/5/2025	2.60	1.61	1.78	1.11	2.45	1.84	1.97	1.95	2.19	0.79	0.87	1.17	1.02	1.02	1.73	1.49	1.75	1.41	1.11	1.56	1.13	0.99	1.68	0.77	1.50	24
4/6/2025	0.76	0.80	1.27	1.14	1.94	1.00	1.19	2.80	2.18	1.43	1.31	1.26	1.20	2.27	2.83	1.39	1.69	1.58	1.14	1.90	1.62	1.86	1.39	1.37	1.55	24
4/7/2025	2.00	1.97	2.37	3.40	2.84	3.05	3.24	4.89	4.63	3.18	3.74	3.65	3.68	3.32	3.61	4.30	2.45	3.52	4.03	--	1.54	1.84	2.18	1.69	3.09	23
4/8/2025	2.16	1.93	0.89	1.14	1.14	1.10	1.46	2.81	1.58																	9
4/9/2025																										0
4/10/2025																										0
4/11/2025																										0
4/12/2025																										0
4/13/2025																										0
4/14/2025																										0
4/15/2025																										0
4/16/2025																										0
4/17/2025																										0
4/18/2025																										0
4/19/2025																										0
4/20/2025																										0
4/21/2025																										0
4/22/2025																										0
4/23/2025																										0
4/24/2025																										0
4/25/2025																										0
4/26/2025																										0
4/27/2025																										0
4/28/2025																										0
4/29/2025																										0
4/30/2025																										0
avg	2.53	1.93	1.99	2.37	2.53	2.40	2.38	3.68	3.30	3.03	2.78	2.31	2.10	2.28	2.69	2.55	2.44	2.12	2.20	2.59	2.41	2.98	3.39	2.06	2.61	
min	0.76	0.79	0.89	1.03	1.14	1.00	1.19	1.95	1.58	0.79	0.87	1.17	0.96	1.02	1.71	1.39	1.41	1.38	1.11	1.56	1.13	0.99	1.39	0.77	1.50	
max	5.50	4.78	5.59	7.34	5.82	6.15	4.62	8.59	7.83	8.16	6.64	3.65	3.68	4.04	3.73	5.13	5.62	3.52	4.03	5.60	6.04	6.38	8.16	3.49	4.21	173

Monitor demoblize from community on April 8, 2025

Saroad Table - Hourly PM2.5 Data
April 2025

Location: Cockspur Island **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2025	1.25	1.33	1.45	1.74	3.00	5.12	4.48	5.31	6.55	7.82	5.95	4.06	3.32	3.47	3.58	3.73	3.59	3.48	2.47	1.77	1.69	1.37	1.14	1.72	3.31	24
4/2/2025	2.15	3.35	2.39	2.18	2.76	2.38	1.78	1.77	2.21	3.27	--	2.29	1.84	1.60	1.24	1.15	0.91	2.23	0.62	0.55	0.41	0.59	0.50	0.55	1.68	23
4/3/2025	0.73	0.52	0.34	0.46	0.68	1.28	0.16	0.39	0.48	0.58	0.57	0.51	0.74	0.51	0.60	0.53	0.65	0.53	0.59	0.41	0.41	0.57	0.34	0.36	0.54	24
4/4/2025	0.42	0.60	0.72	0.47	4.60	3.22	0.80	0.47	0.53	0.51	0.53	0.50	0.43	0.61	0.84	0.71	0.75	0.68	0.61	0.63	0.65	0.60	0.61	0.56	0.88	24
4/5/2025	0.62	1.09	0.75	0.61	0.67	0.69	0.54	0.86	1.04	1.20	1.42	1.06	0.82	1.11	1.07	0.90	0.95	0.68	0.64	0.71	0.61	0.65	0.56	0.78	0.83	24
4/6/2025	0.89	0.50	0.63	0.81	1.36	0.99	0.95	0.94	0.93	1.24	0.98	0.93	0.96	1.14	1.07	0.80	0.99	1.14	1.24	0.90	0.90	1.08	1.20	1.00	0.98	24
4/7/2025	1.87	2.02	2.41	2.68	2.76	1.36	1.26	1.69	2.21	2.26	15.94	3.27													3.31	12
4/8/2025																										0
4/9/2025																										0
4/10/2025																										0
4/11/2025																										0
4/12/2025																										0
4/13/2025																										0
4/14/2025																										0
4/15/2025																										0
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4/27/2025																										0
4/28/2025																										0
4/29/2025																										0
4/30/2025																										0
avg	1.13	1.34	1.24	1.28	2.26	2.15	1.43	1.63	1.99	2.41	4.23	1.80	1.35	1.41	1.40	1.30	1.31	1.46	1.03	0.83	0.78	0.81	0.73	0.83	1.65	
min	0.42	0.50	0.34	0.46	0.67	0.69	0.16	0.39	0.48	0.51	0.53	0.50	0.43	0.51	0.60	0.53	0.65	0.53	0.59	0.41	0.41	0.57	0.34	0.36	0.54	
max	2.15	3.35	2.41	2.68	4.60	5.12	4.48	5.31	6.55	7.82	15.94	4.06	3.32	3.47	3.58	3.73	3.59	3.48	2.47	1.77	1.69	1.37	1.20	1.72	3.31	155

Monitor demoblize from community on April 7, 2025

Saroad Table - Hourly PM2.5 Data
April 2025

Location: Ocean Terminal **Equipment:** MetOne C-12 Black Carbon **Units:** µg/m3

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Daily Avg	Count
4/1/2025	2.62	--	1.83	1.99	2.19	2.76	5.59	6.36	10.27	7.23	8.26	8.65	6.18	6.68	4.84	5.09	3.23	6.06	9.13	16.31	8.03	7.92	6.63	3.36	6.14	23
4/2/2025	--	2.36	2.26	3.59	2.73	2.80	4.05	4.22	6.05	8.82	6.89	3.21	3.53	6.38	4.45	9.02	3.56	4.67	4.45	9.18	2.60	7.96	1.95	1.48	4.62	23
4/3/2025	1.54	1.15	0.89	1.25	0.98	1.20	2.50	5.38	1.16	1.27	2.01	1.85	2.16	2.39	1.71	1.40	1.58	2.15	--	3.66	3.42	2.78	1.38	1.25	1.96	23
4/4/2025	0.73	0.69	0.71	0.83	0.66	0.96	1.33	2.02	2.18	1.94	2.22	1.42	1.78	2.02	1.03	1.21	0.93	1.24	1.33	1.66	2.49	3.82	2.41	1.64	1.55	24
4/5/2025	2.04	1.70	1.00	0.86	1.07	0.93	1.75	2.57	0.95	1.09	1.38	1.53	2.83	2.39	1.74	1.75	1.83	1.49	1.68	1.88	2.02	1.91	1.53	1.26	1.63	24
4/6/2025	1.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.33	1
4/7/2025	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--										--	0
4/8/2025																										0
4/9/2025																										0
4/10/2025																										0
4/11/2025																										0
4/12/2025																										0
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4/27/2025																										0
4/28/2025																										0
4/29/2025																										0
4/30/2025																										0
avg	1.65	1.48	1.34	1.71	1.53	1.73	3.04	4.11	4.12	4.07	4.15	3.33	3.30	3.97	2.76	3.69	2.23	3.12	4.15	6.54	3.71	4.88	2.78	1.80	2.87	
min	0.73	0.69	0.71	0.83	0.66	0.93	1.33	2.02	0.95	1.09	1.38	1.42	1.78	2.02	1.03	1.21	0.93	1.24	1.33	1.66	2.02	1.91	1.38	1.25	1.33	
max	2.62	2.36	2.26	3.59	2.73	2.80	5.59	6.36	10.27	8.82	8.26	8.65	6.18	6.68	4.84	9.02	3.56	6.06	9.13	16.31	8.03	7.96	6.63	3.36	6.14	118

Monitor demoblize from community on April 7, 2025

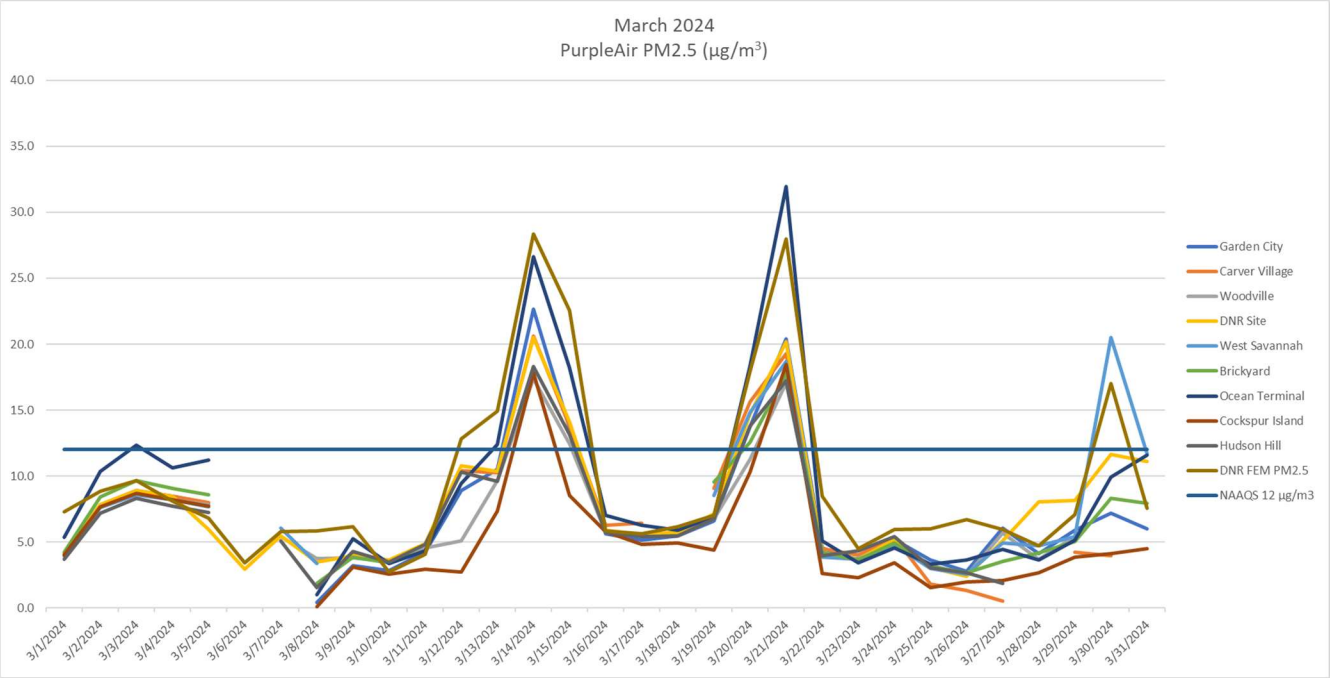
Appendix D

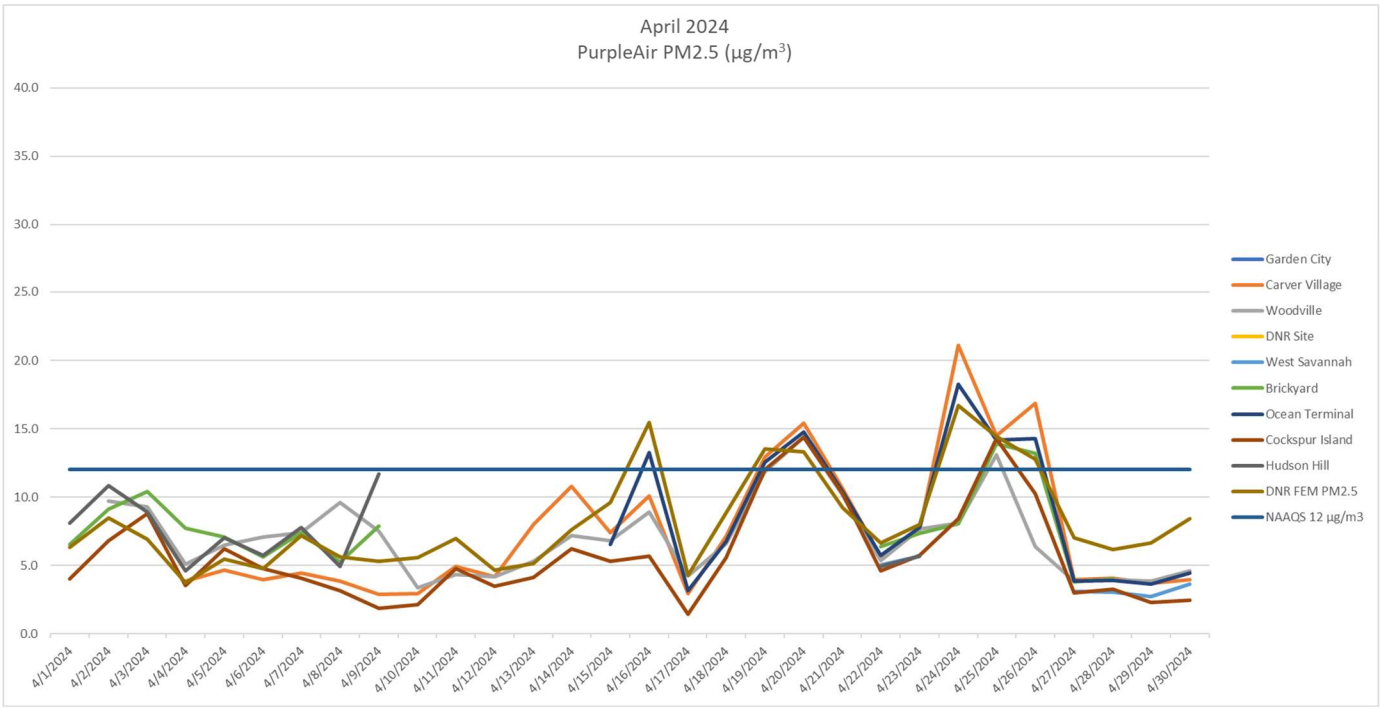
Monthly $PM_{2.5}$ and BC Graphs

D.1 *PM2.5 Monthly Graphs*

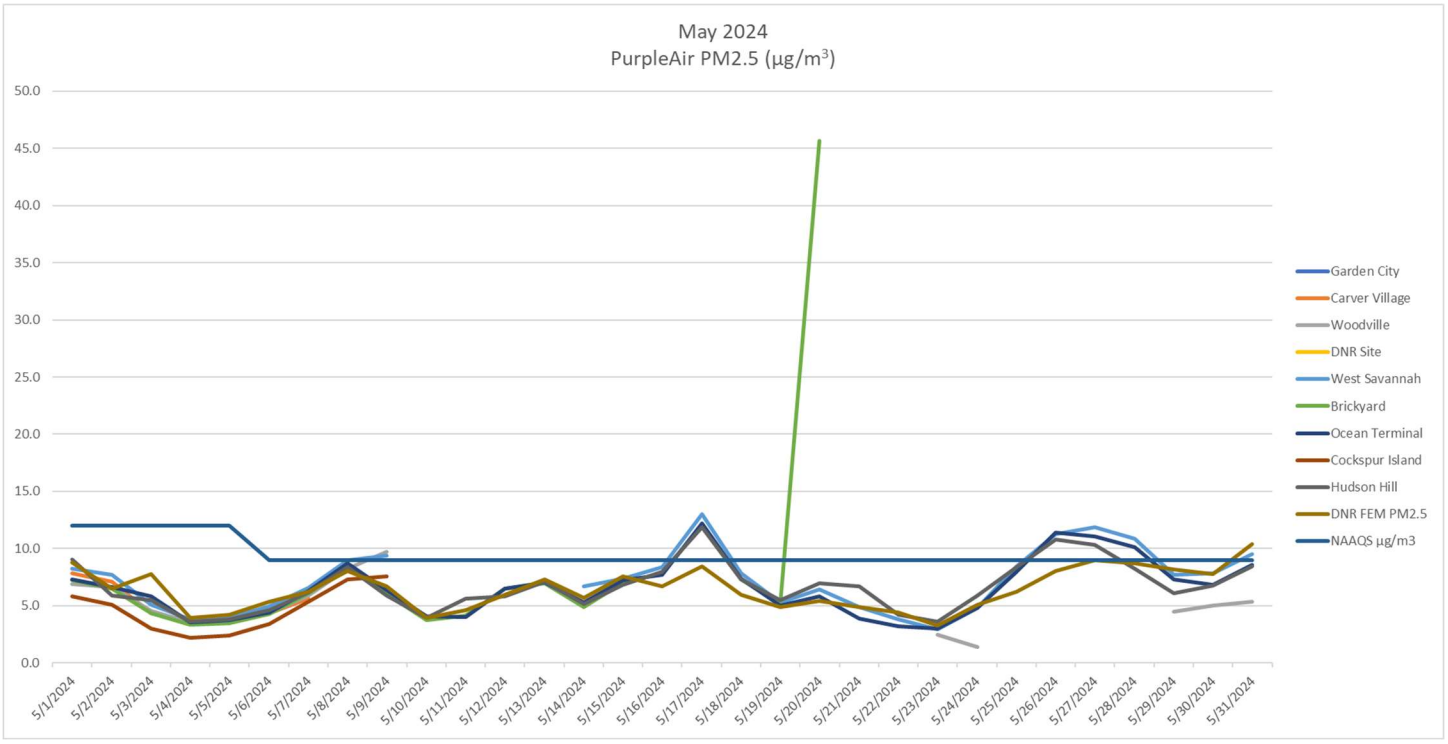
D.2 *Black Carbon Monthly Graphs*

Appendix D.1
Monthly PM2.5 Graphs

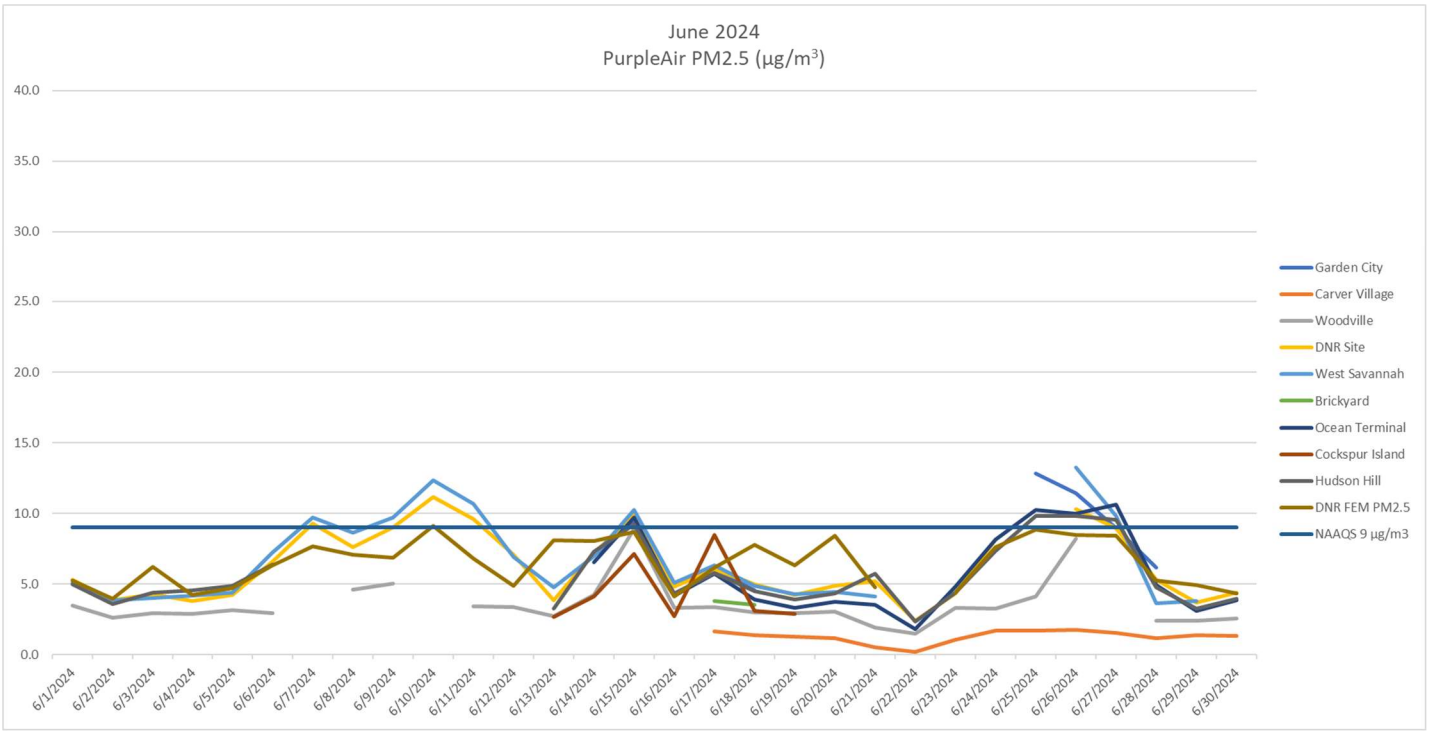




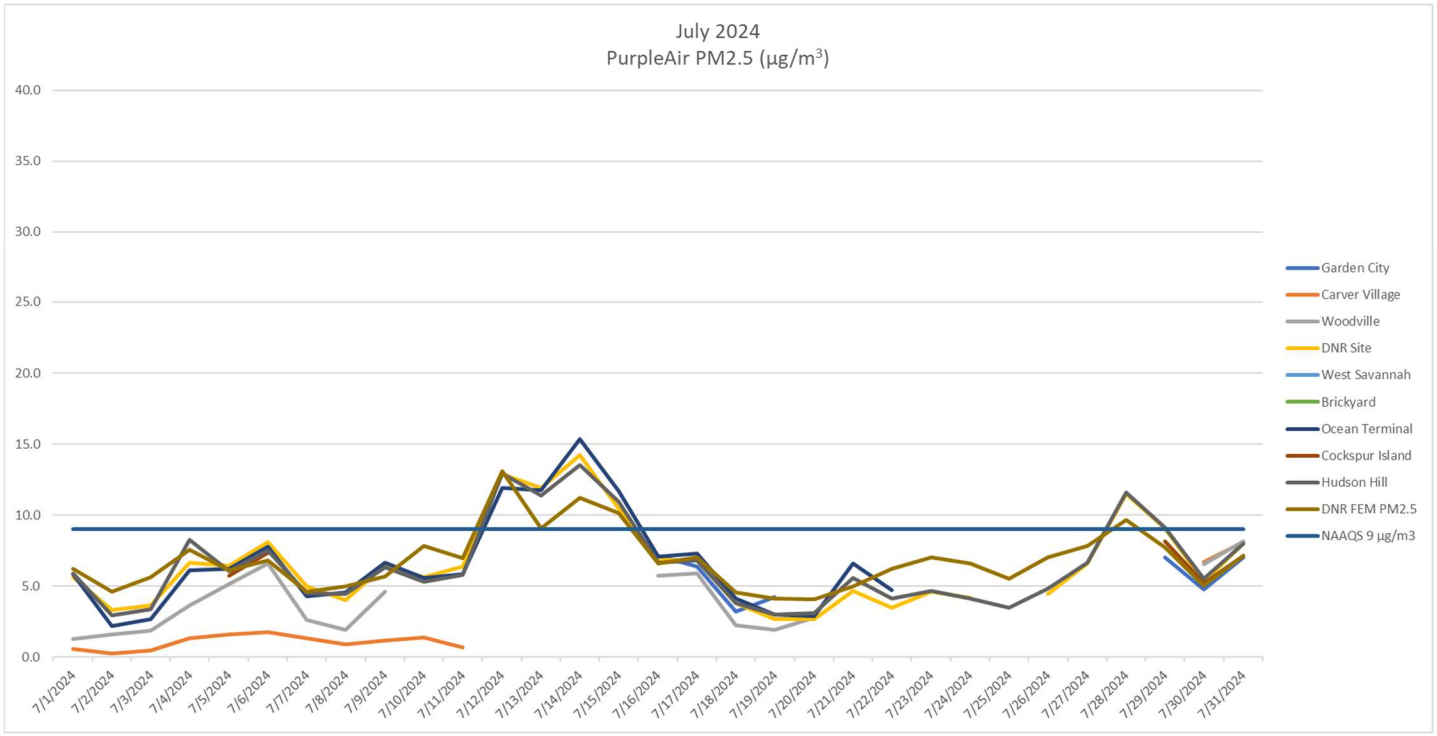
Appendix D.1
Monthly PM2.5 Graphs

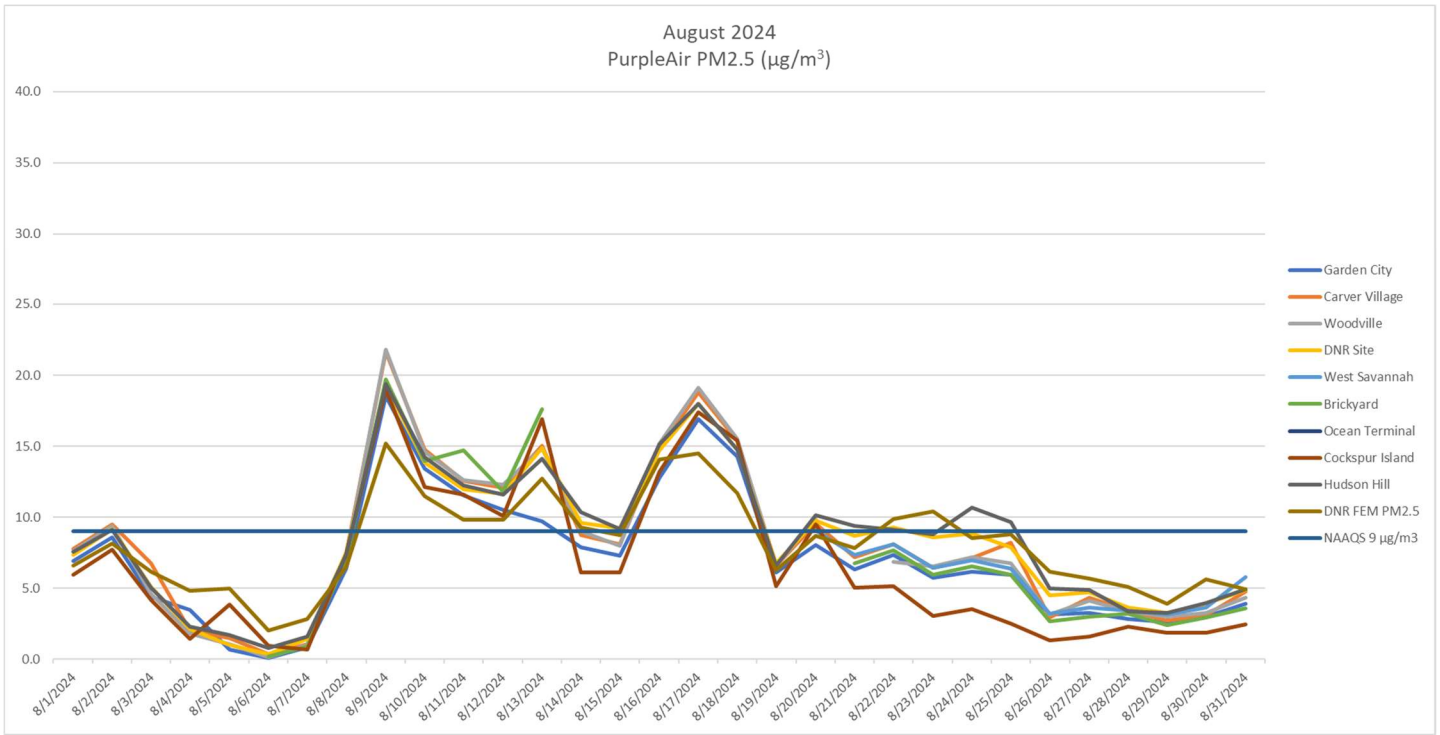


**NAAQS annual PM2.5 standard lowered from 12.0 ug/m3 to 9.0 ug/m3 on May 6, 2024.

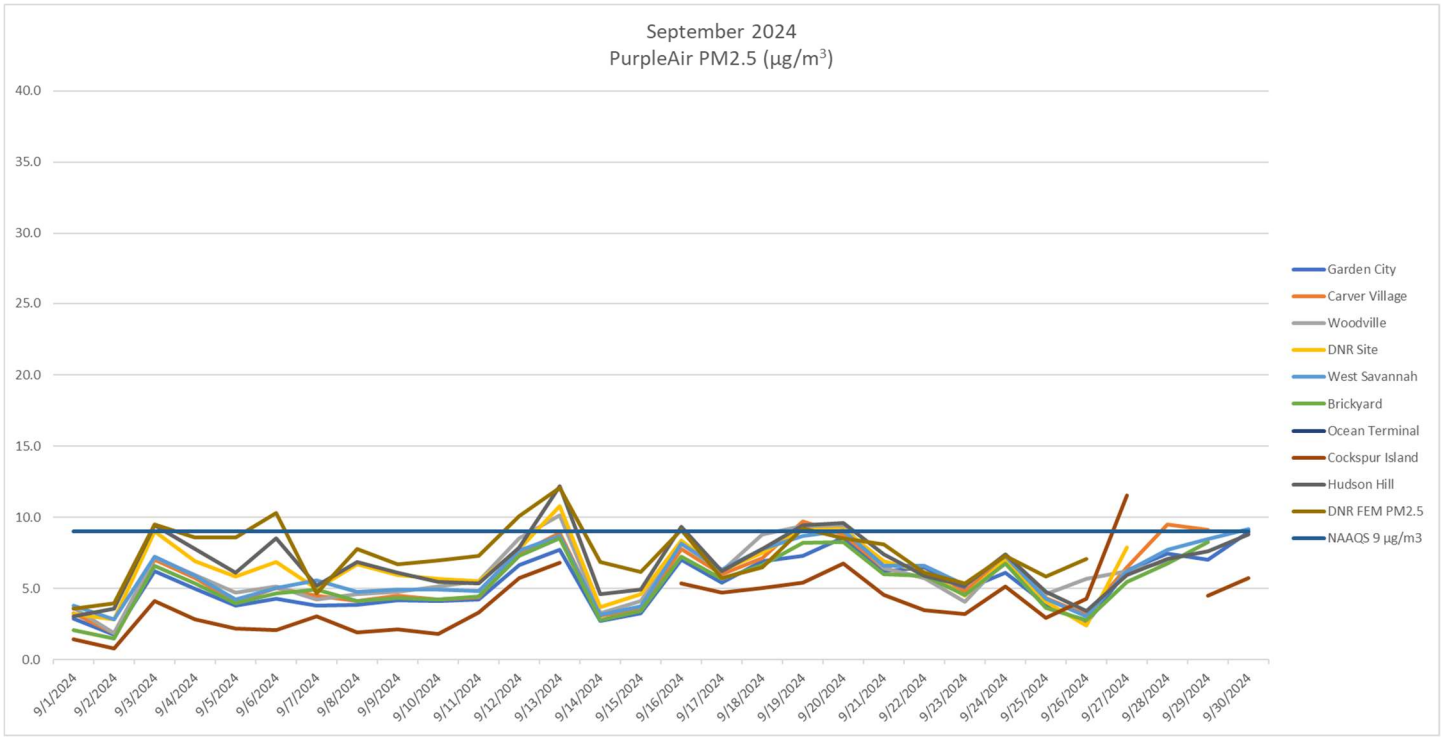


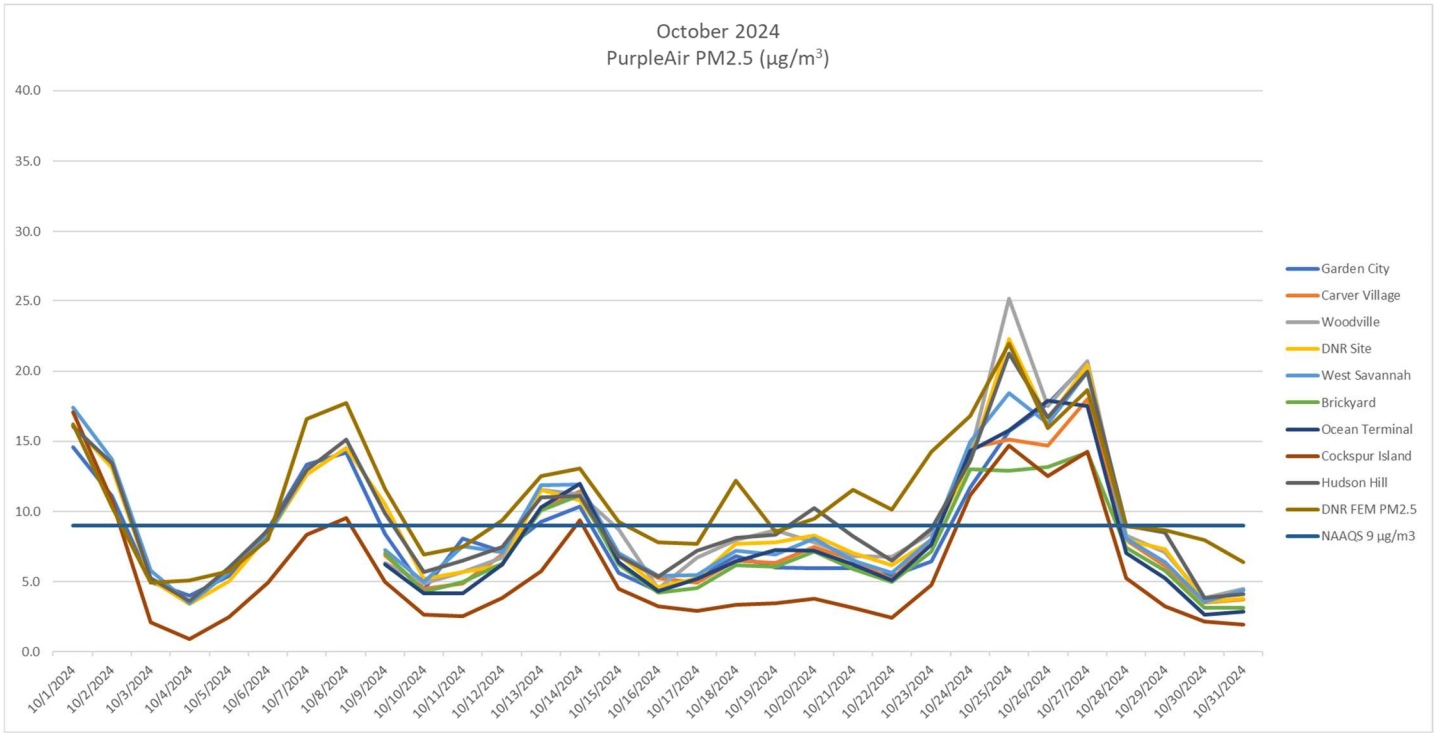
Appendix D.1
Monthly PM2.5 Graphs



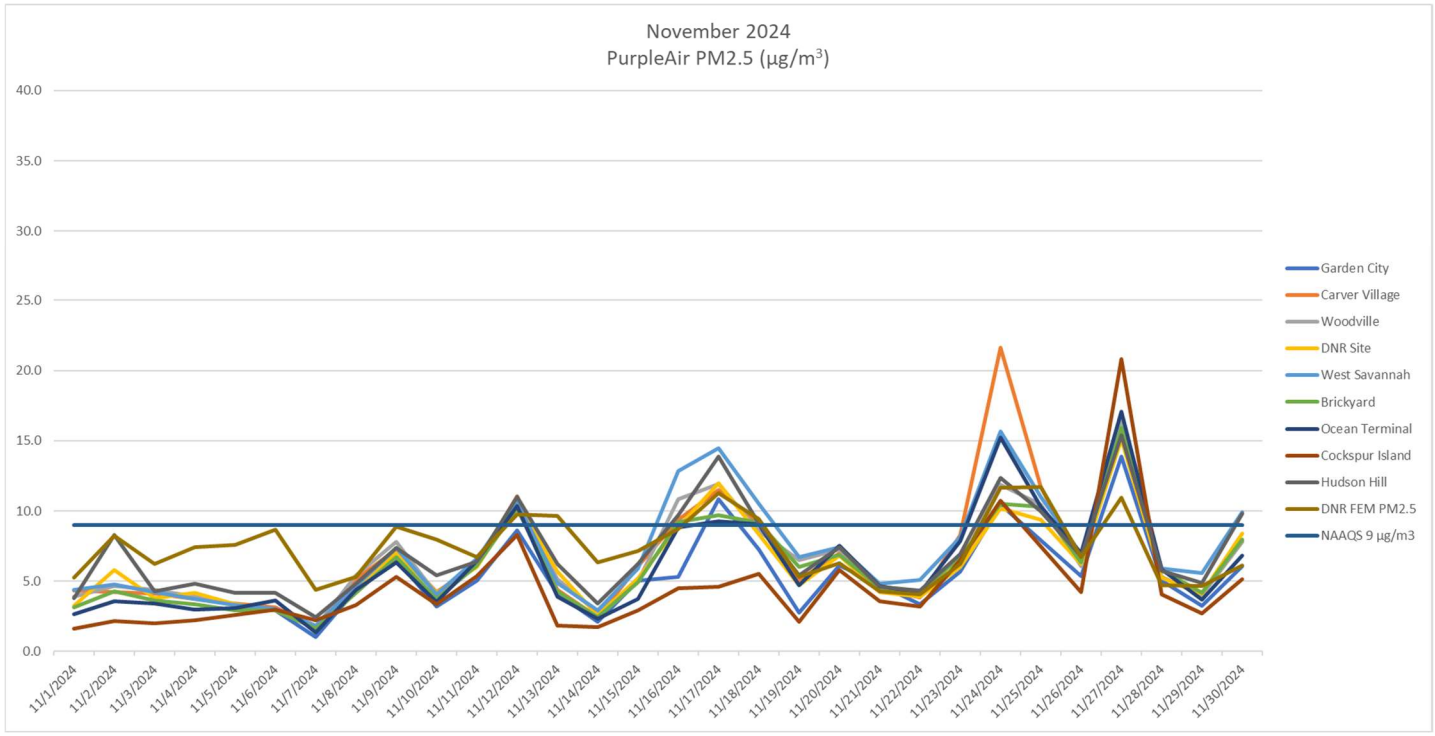


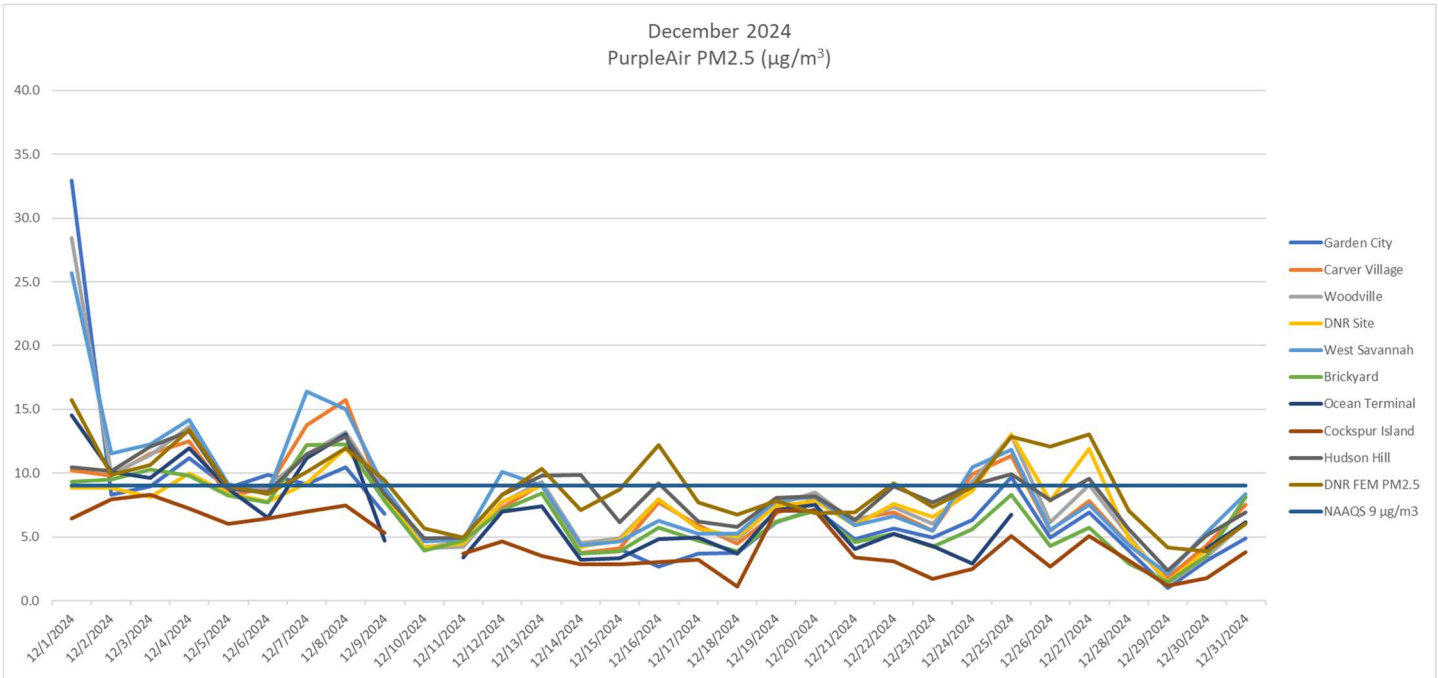
Appendix D.1
Monthly PM2.5 Graphs



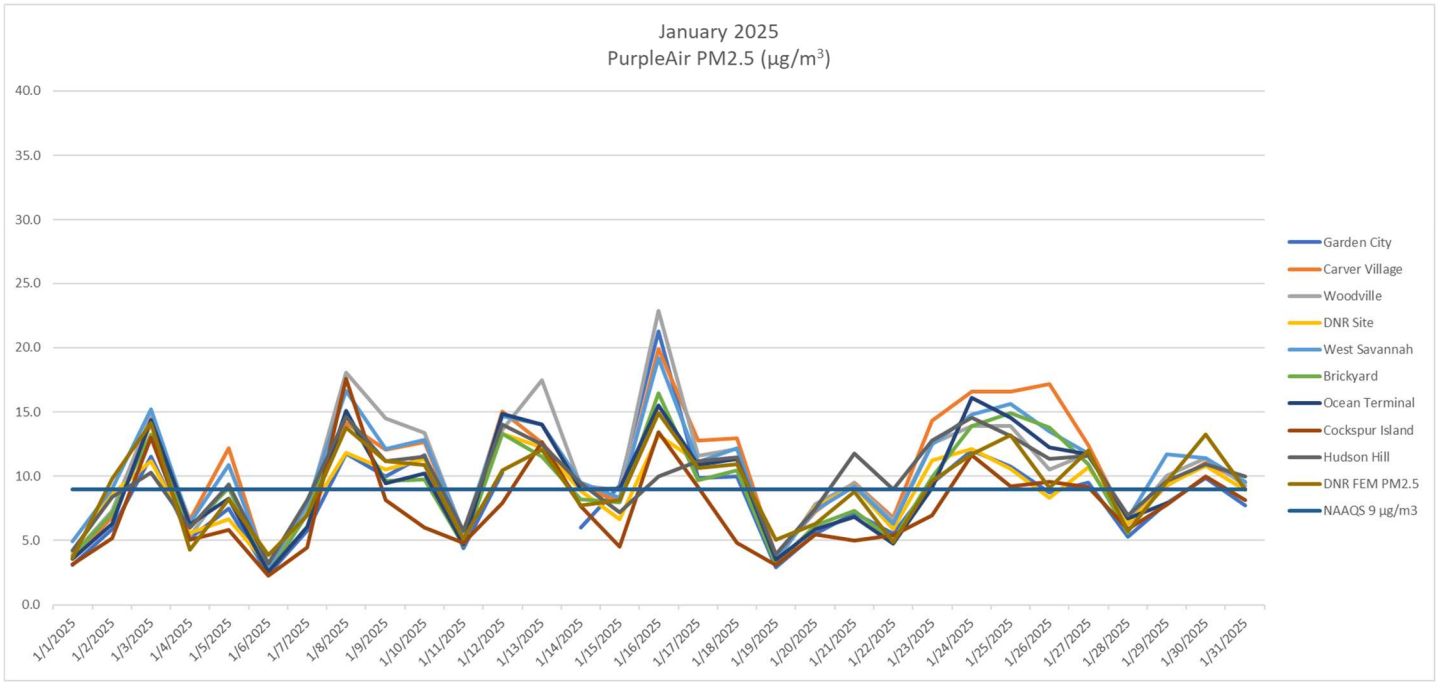


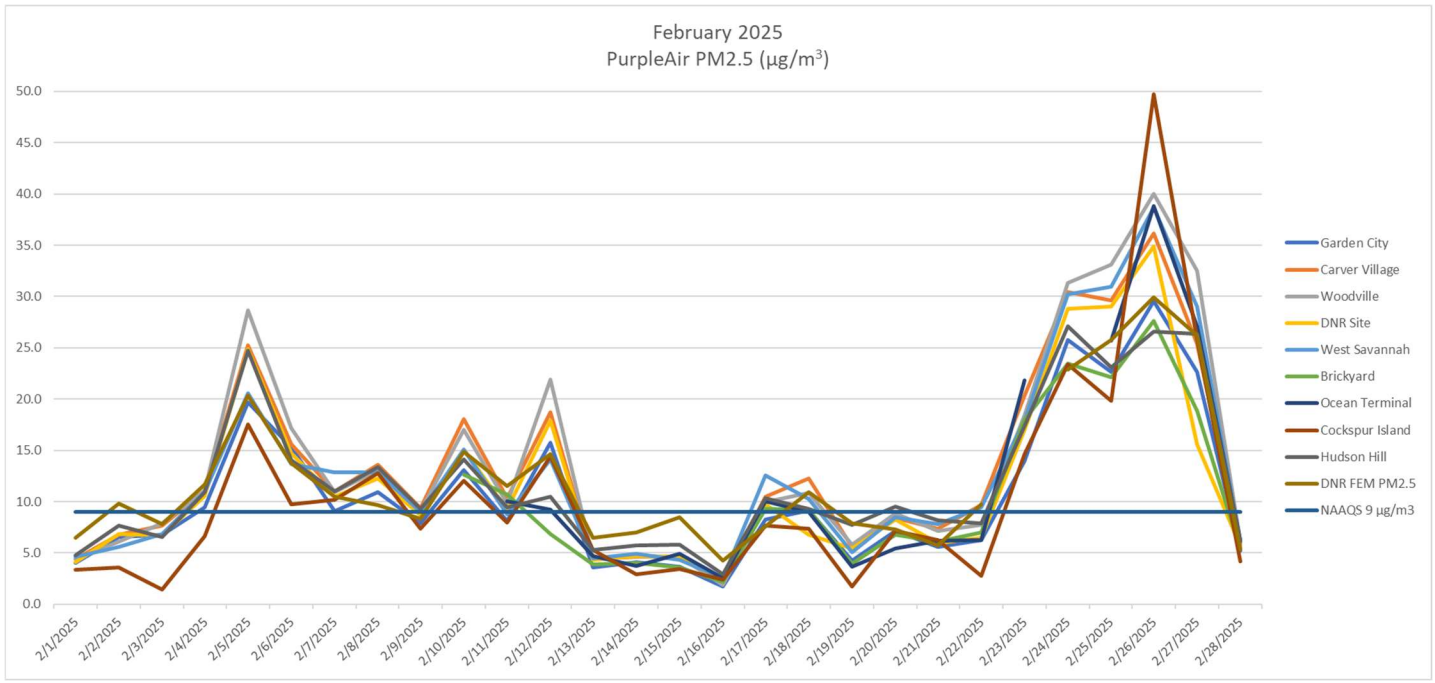
Appendix D.1
Monthly PM2.5 Graphs



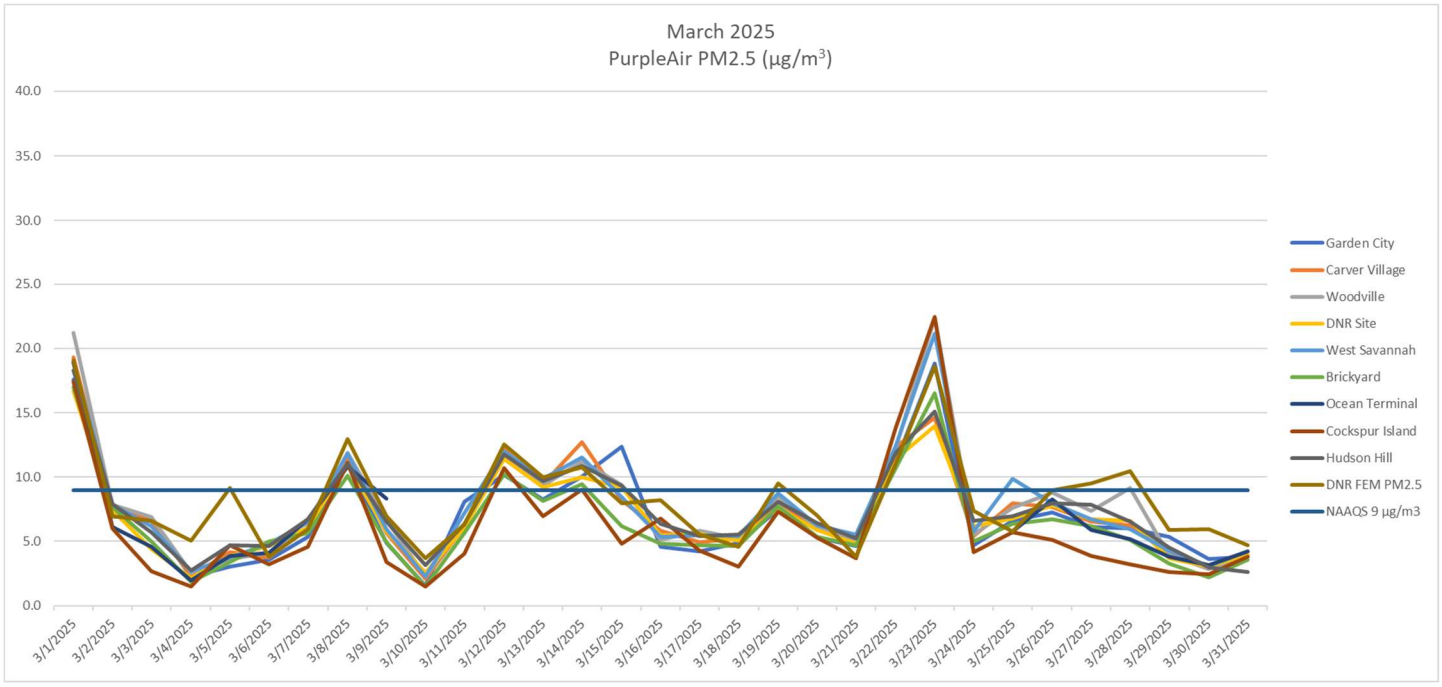


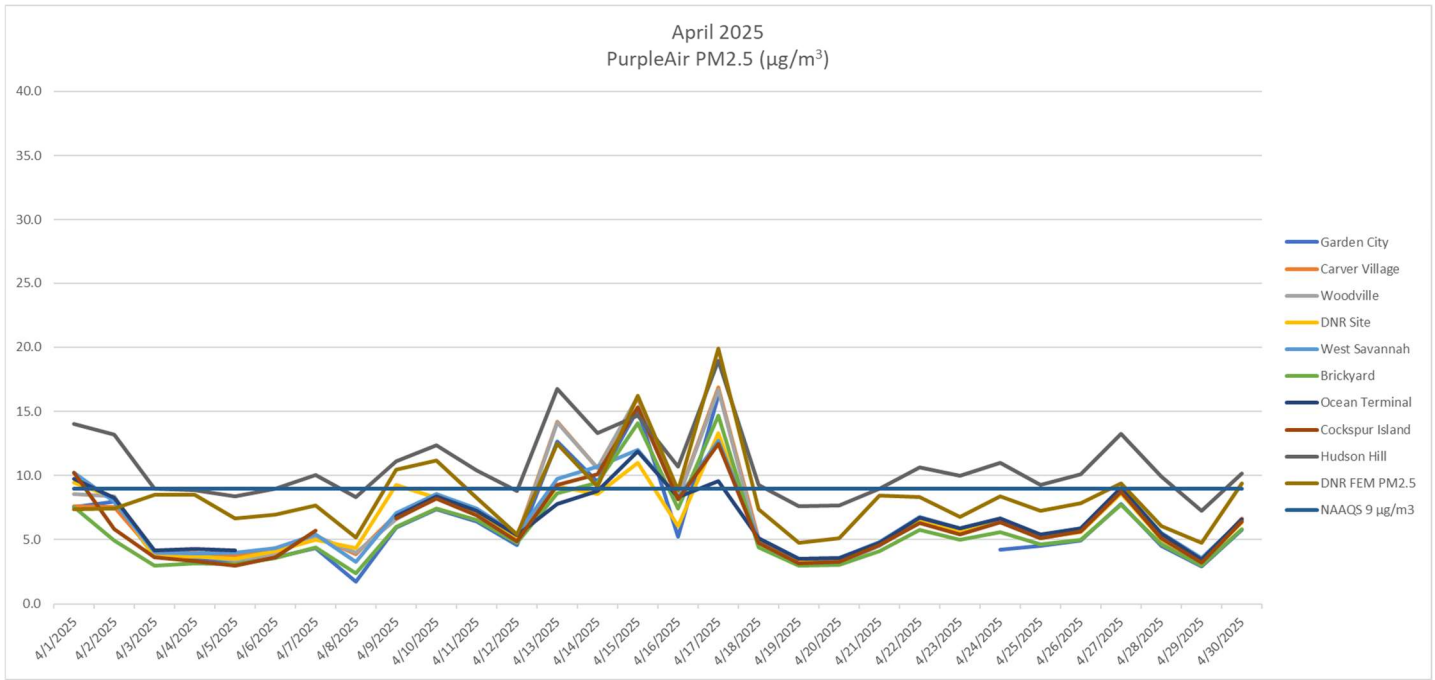
Appendix D.1
Monthly PM2.5 Graphs





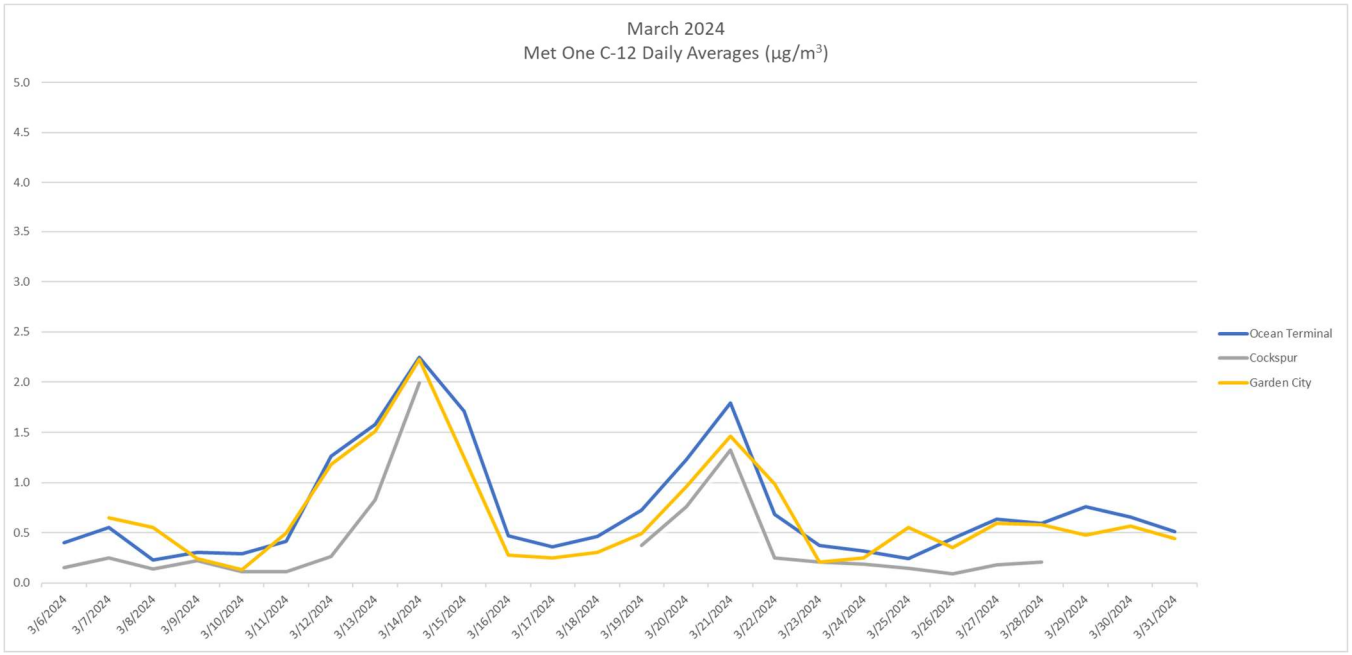
Appendix D.1
Monthly PM2.5 Graphs

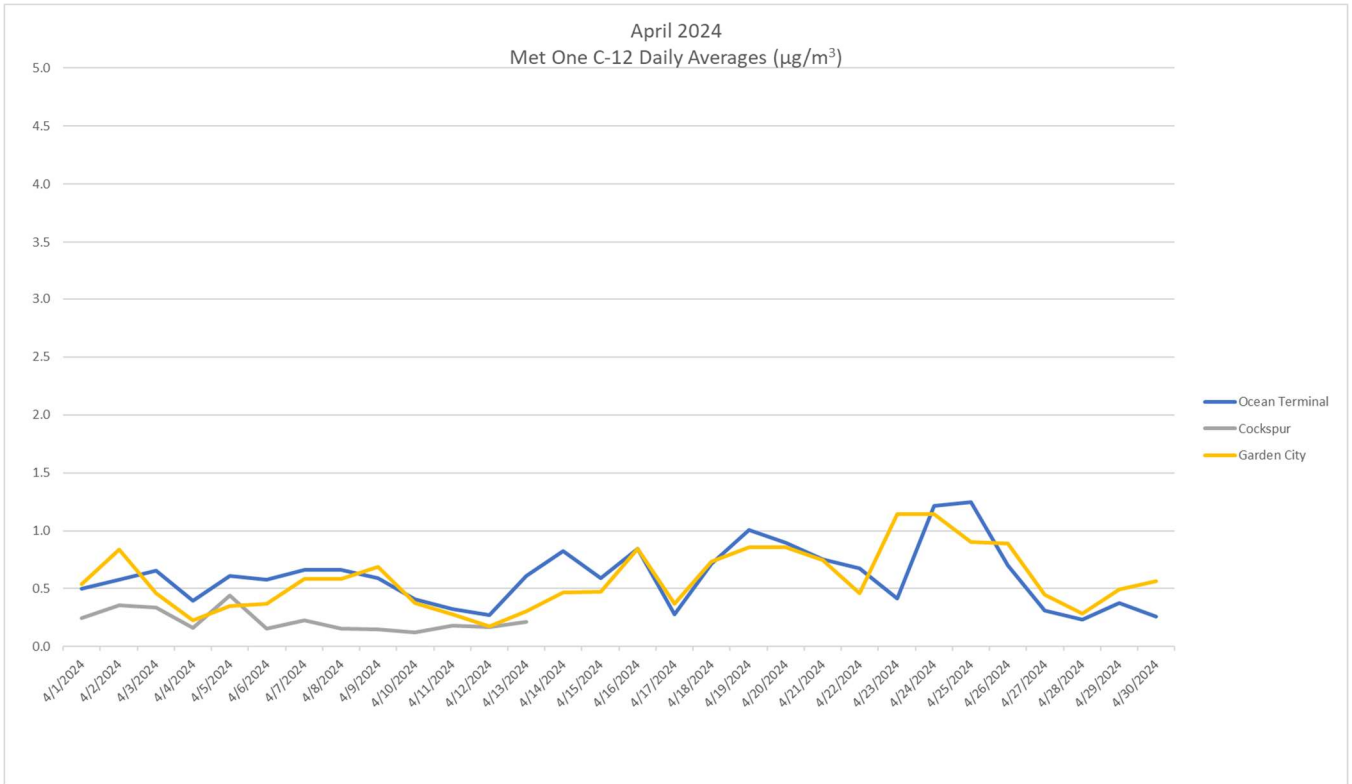




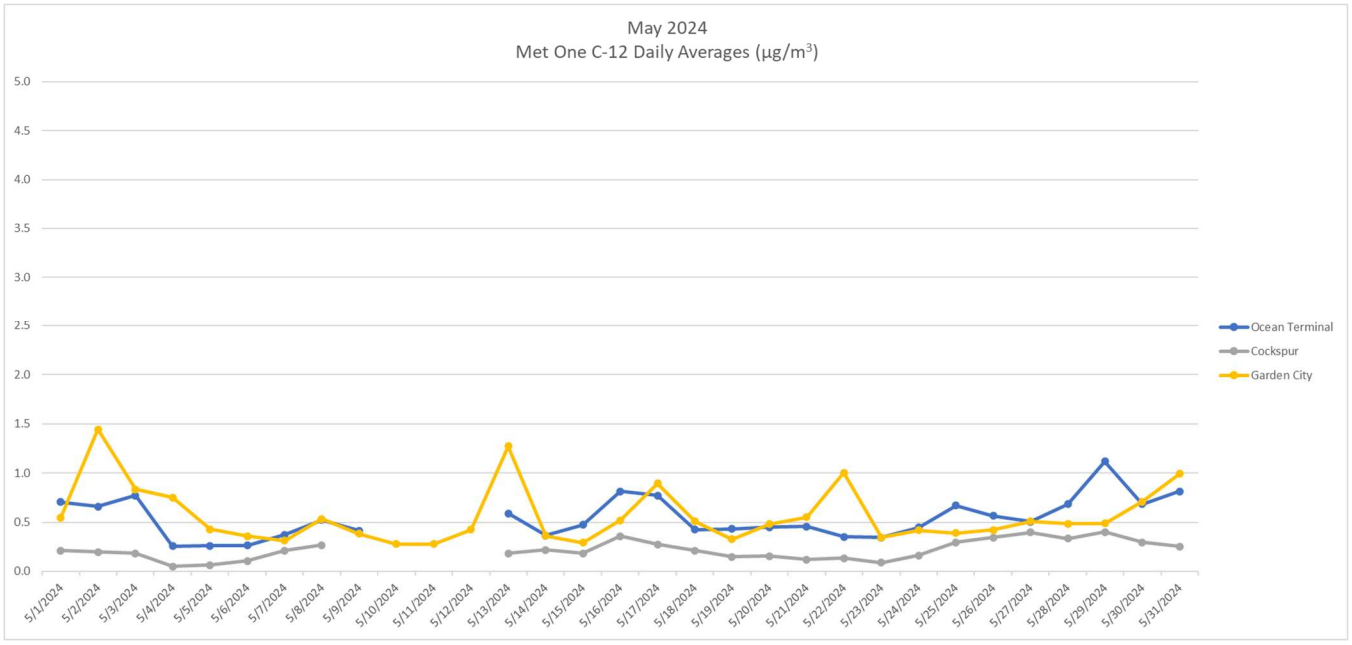
**Monitors moved from the community to the GA DNR Site April 6-8, 2025.

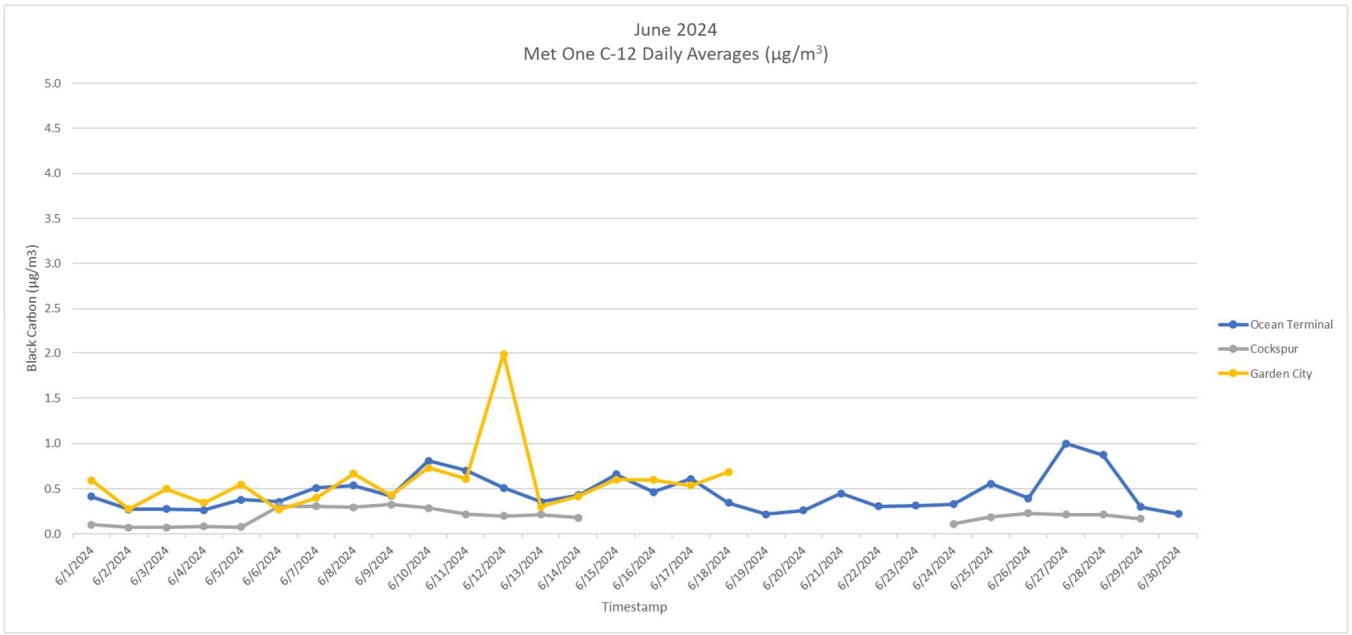
Appendix D.2
Monthly Black Carbon Graphs



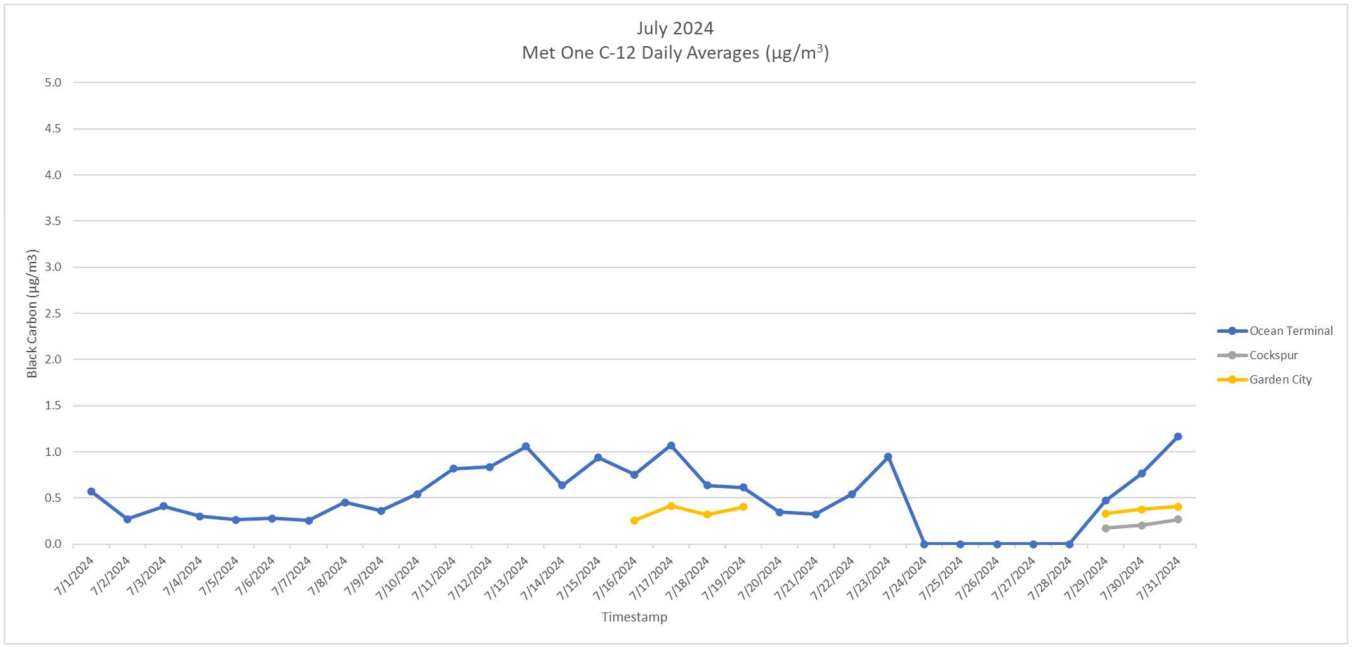


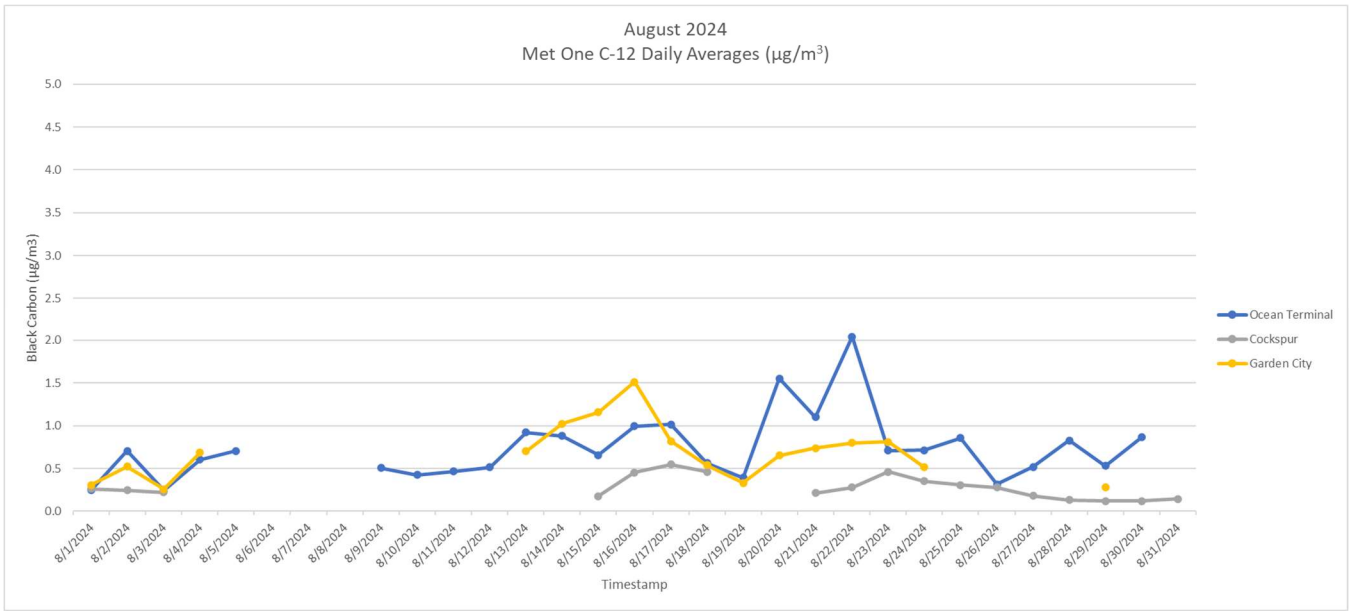
Appendix D.2
Monthly Black Carbon Graphs



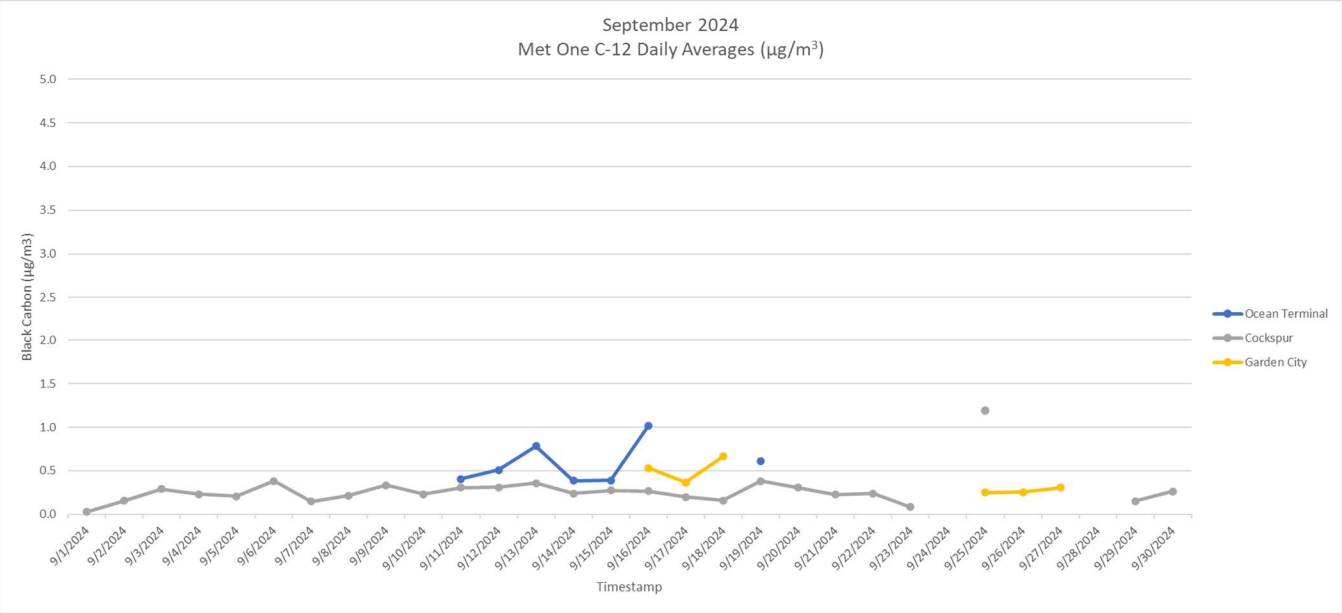


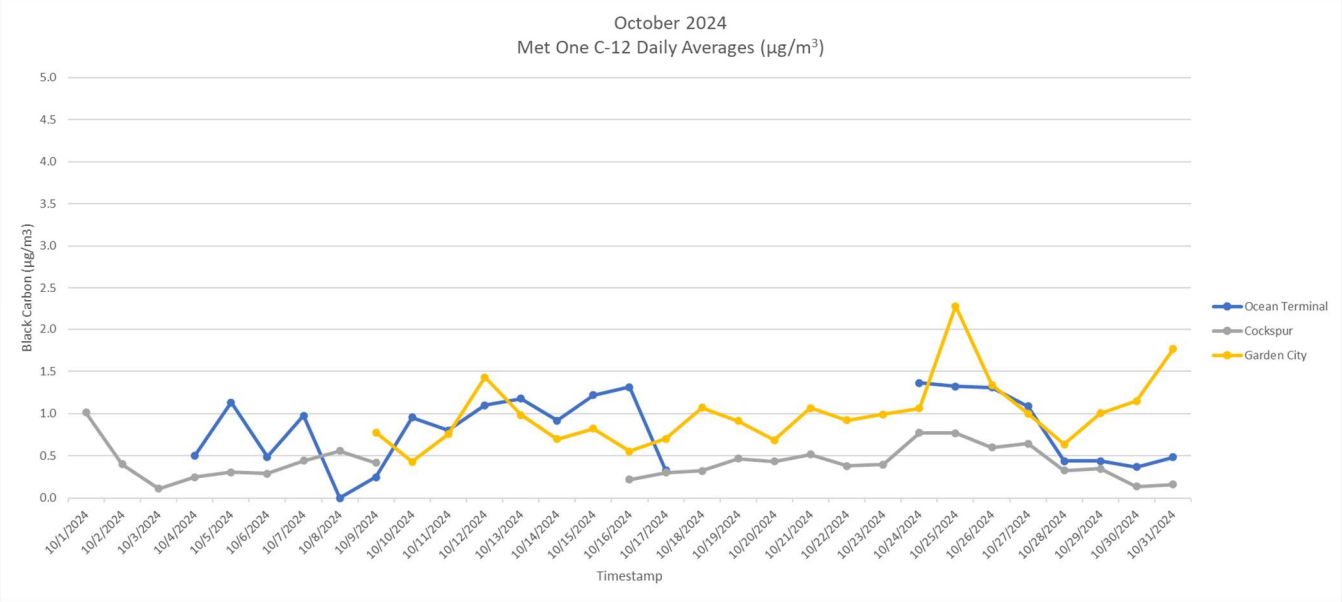
Appendix D.2
Monthly Black Carbon Graphs



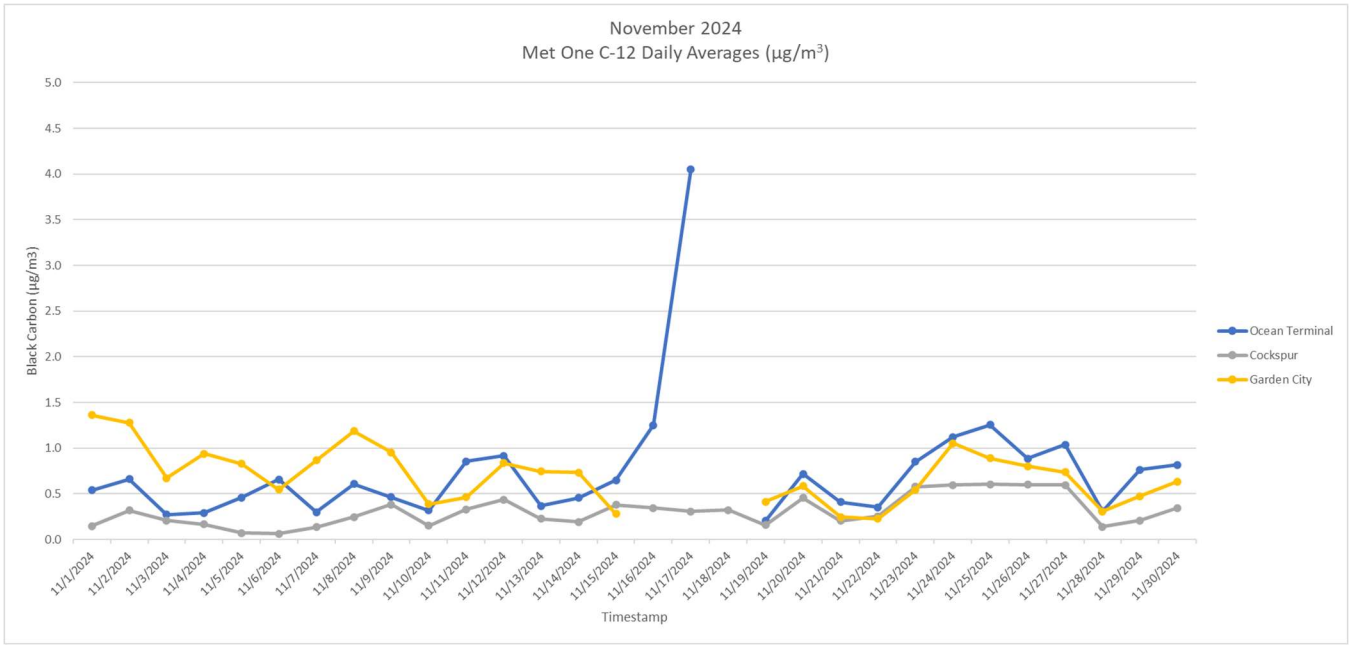


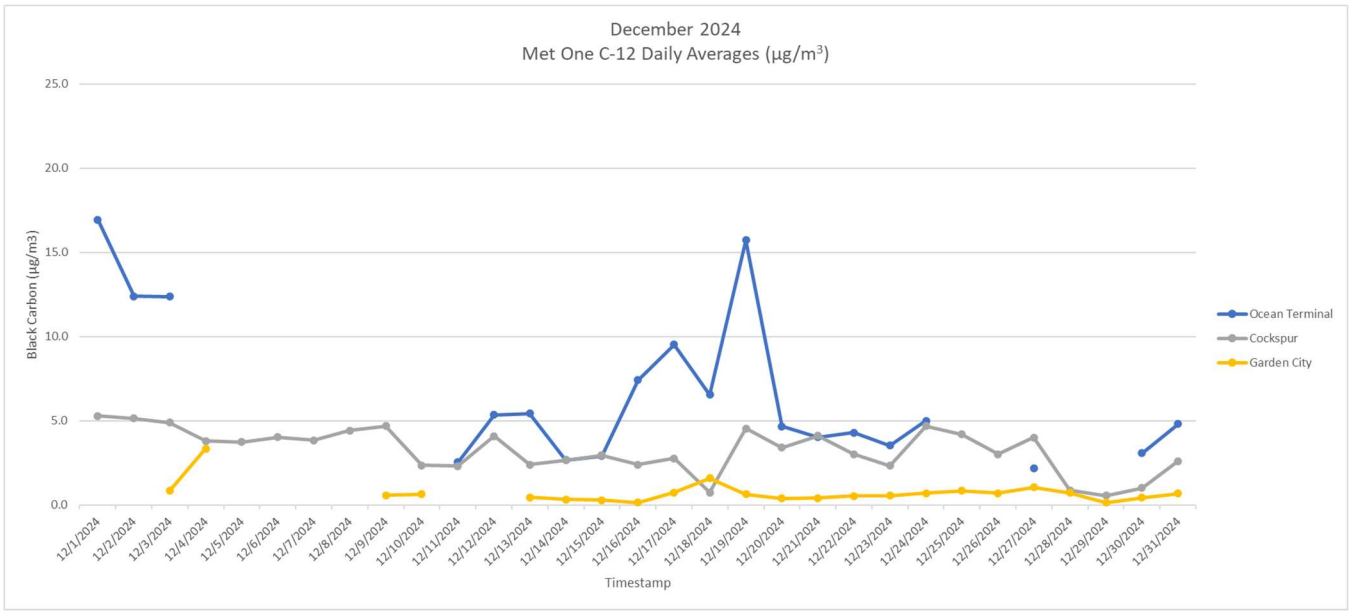
Appendix D.2
Monthly Black Carbon Graphs



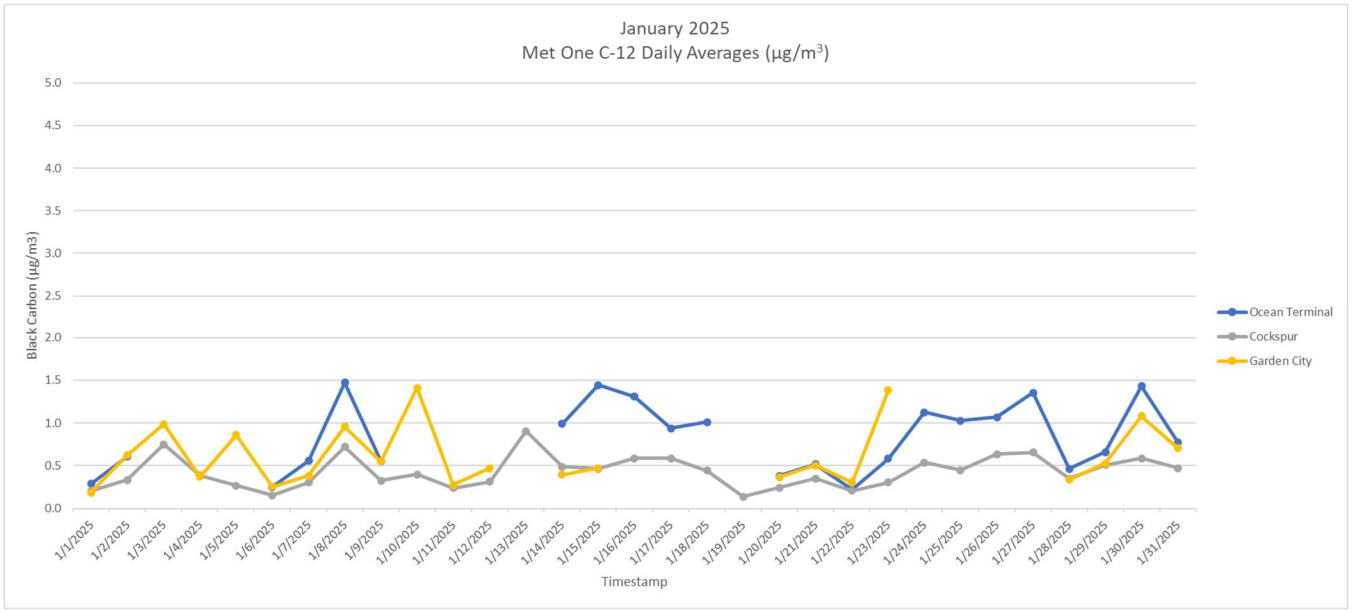


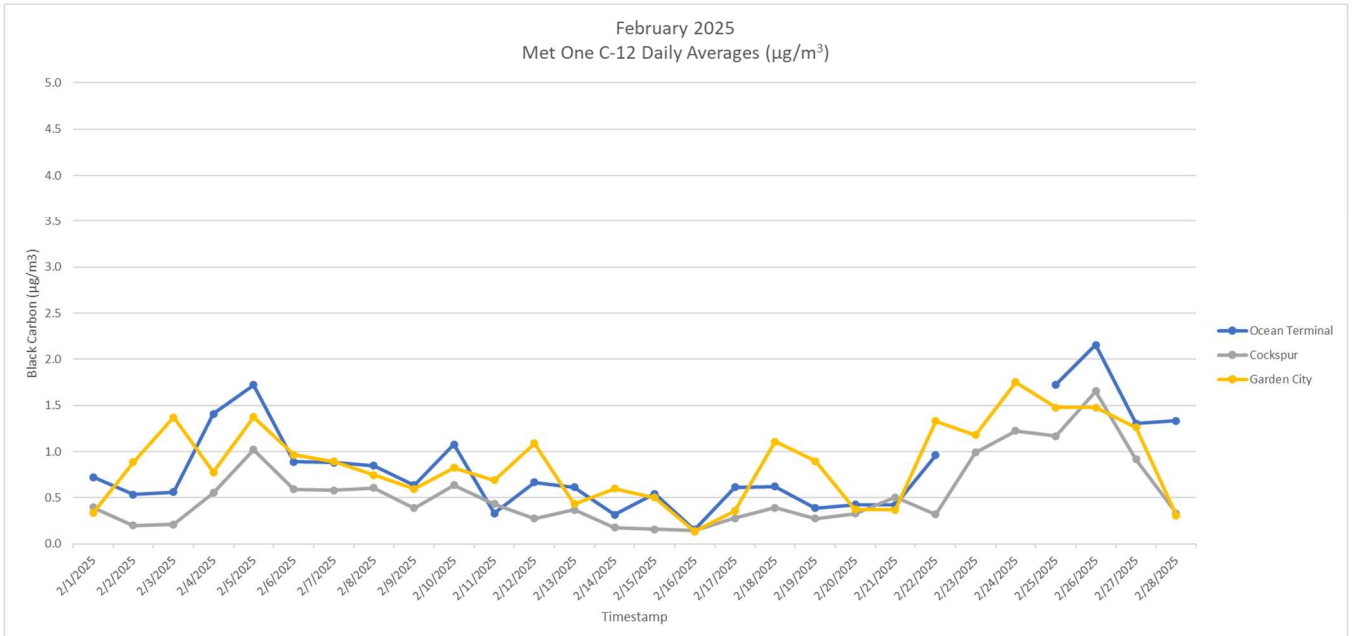
Appendix D.2
Monthly Black Carbon Graphs



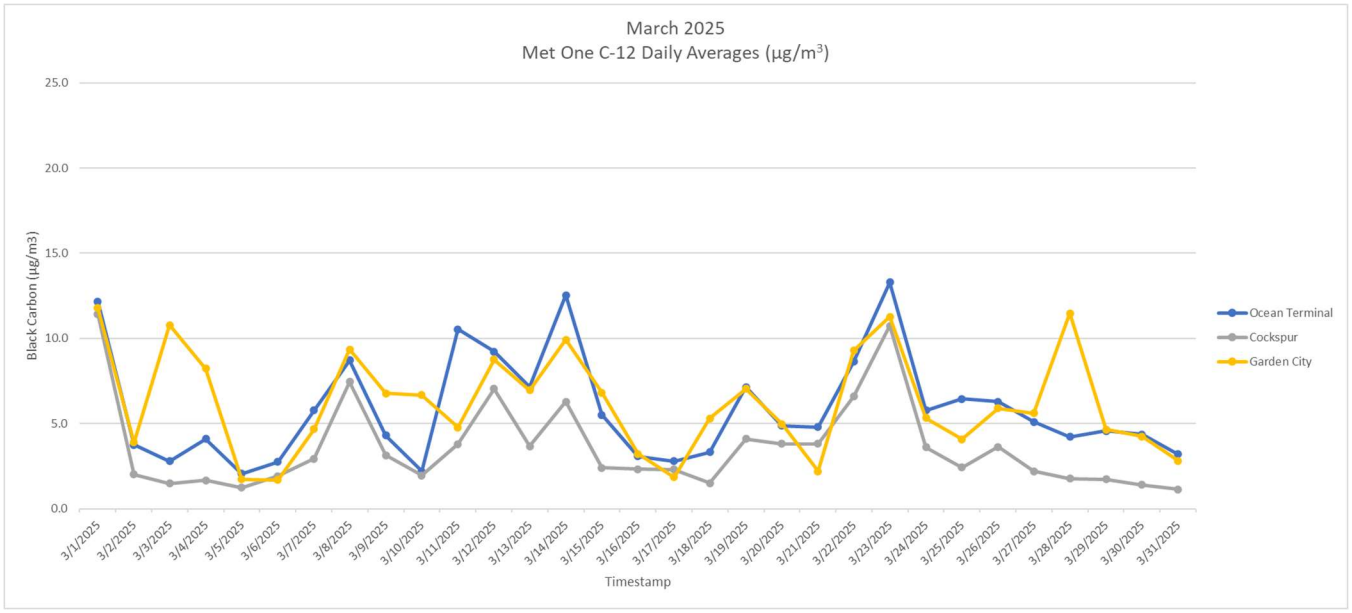


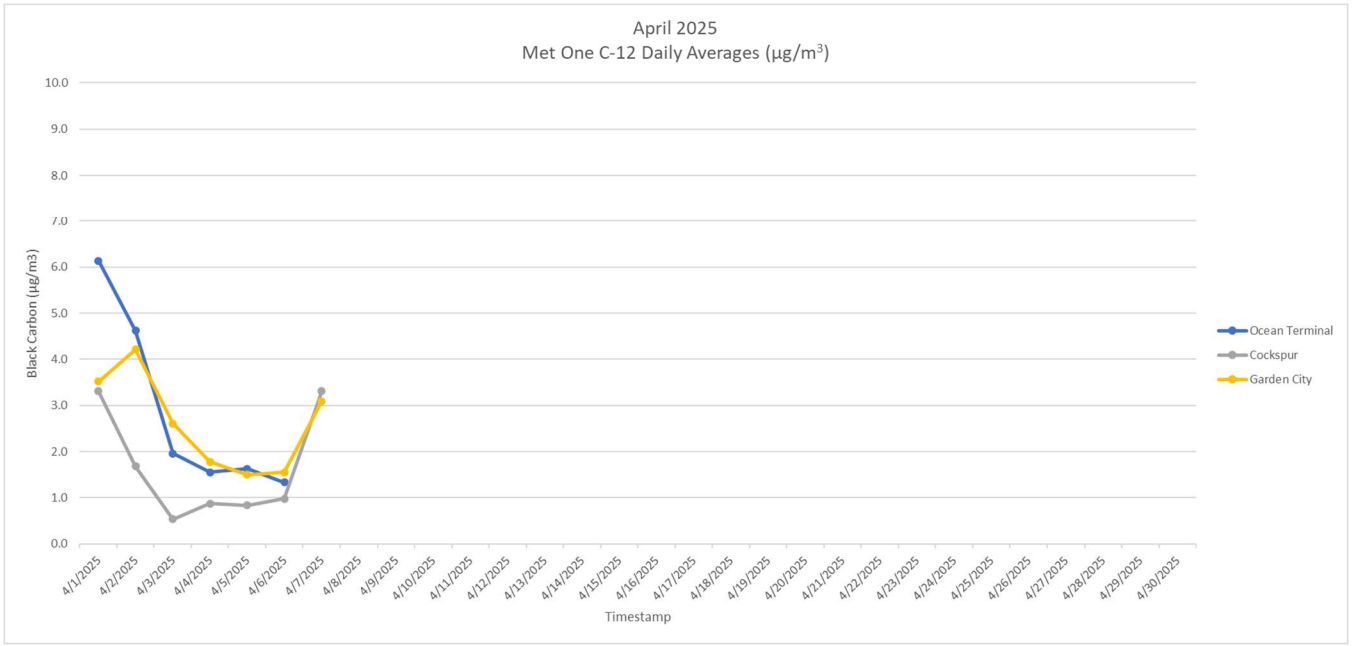
Appendix D.2
Monthly Black Carbon Graphs





Appendix D.2
Monthly Black Carbon Graphs



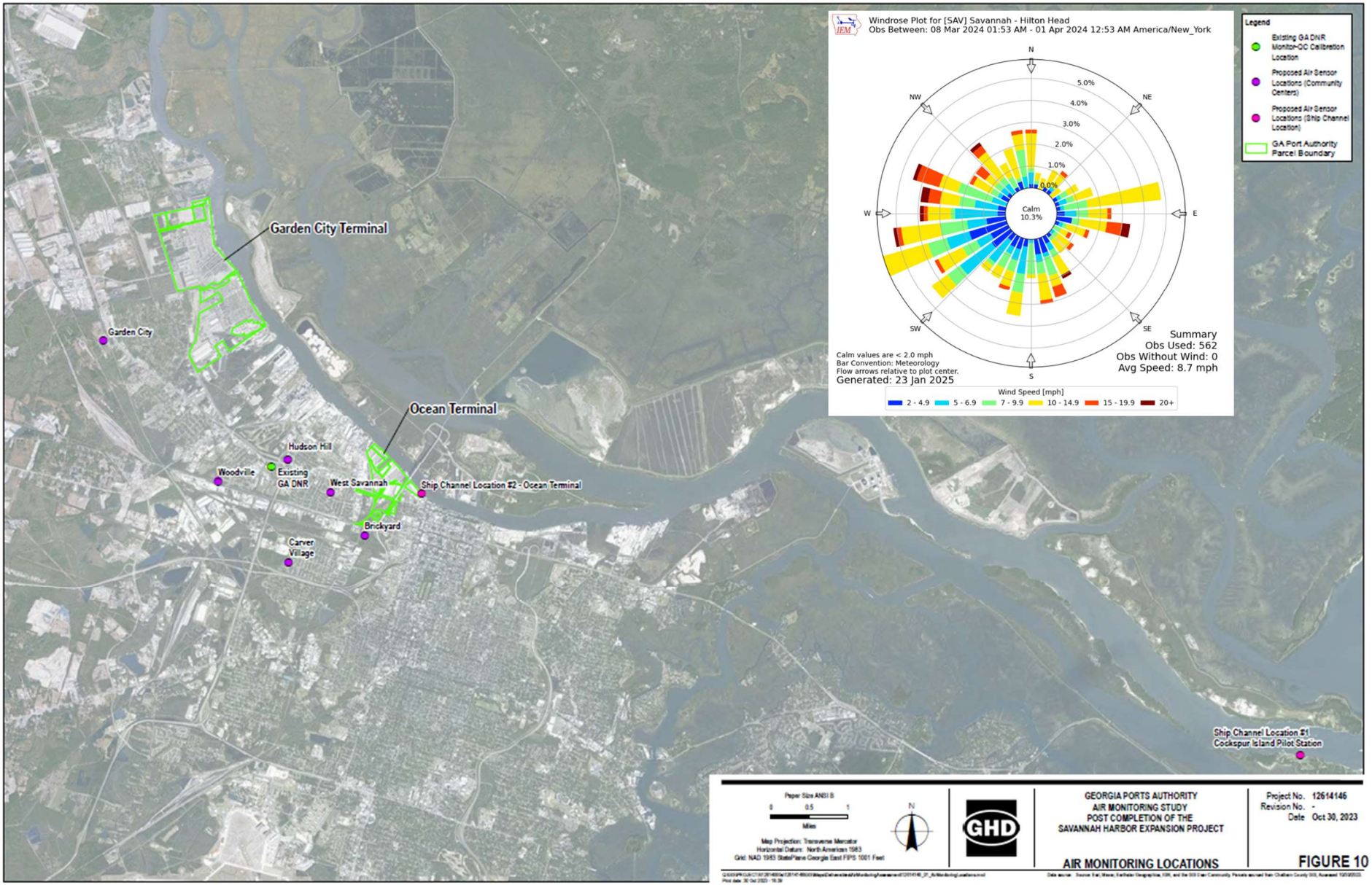


**Monitors moved from the community to the GA DNR Site April 6-8, 2025.

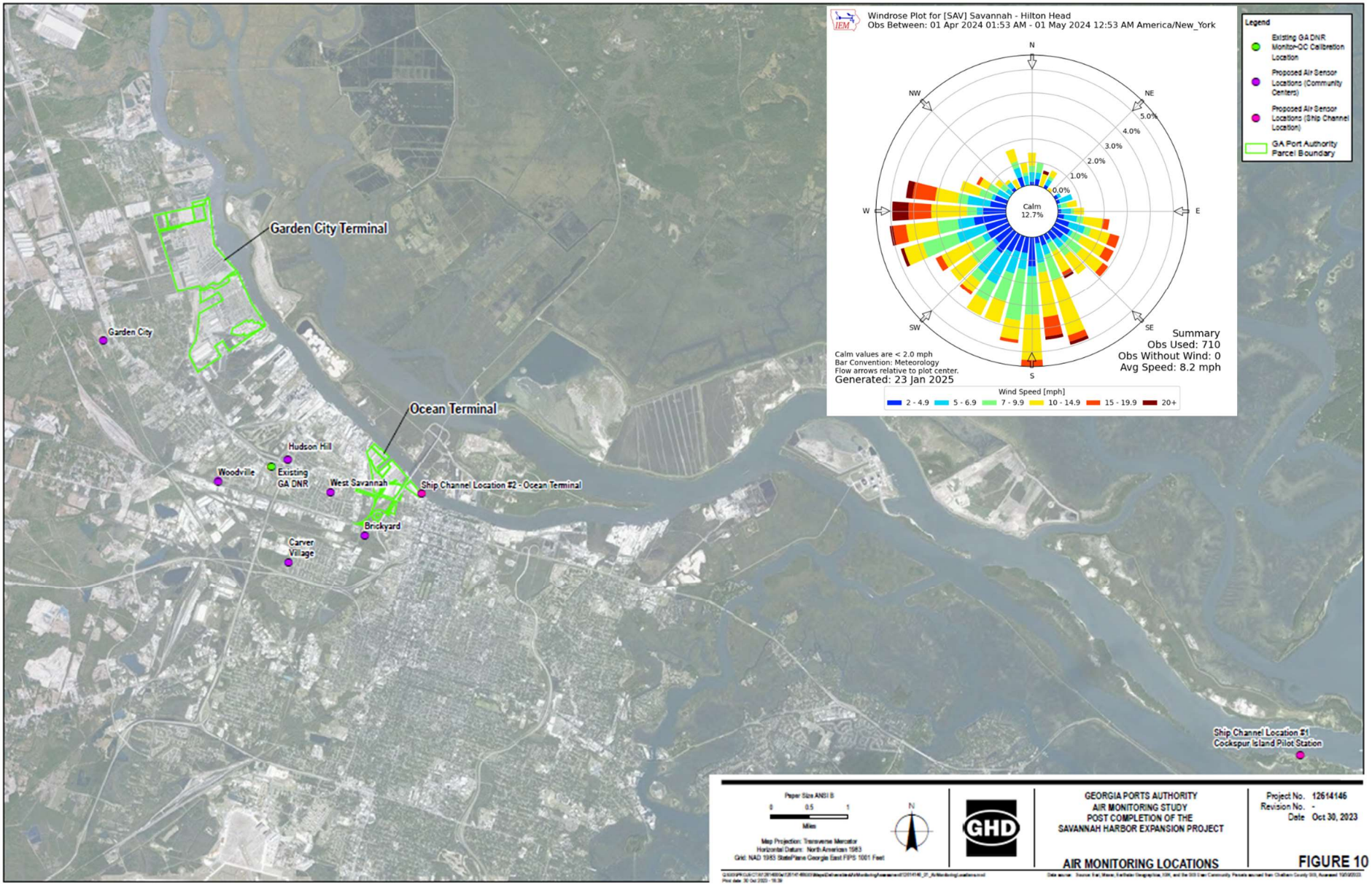
Appendix E

Monthly Wind Roses

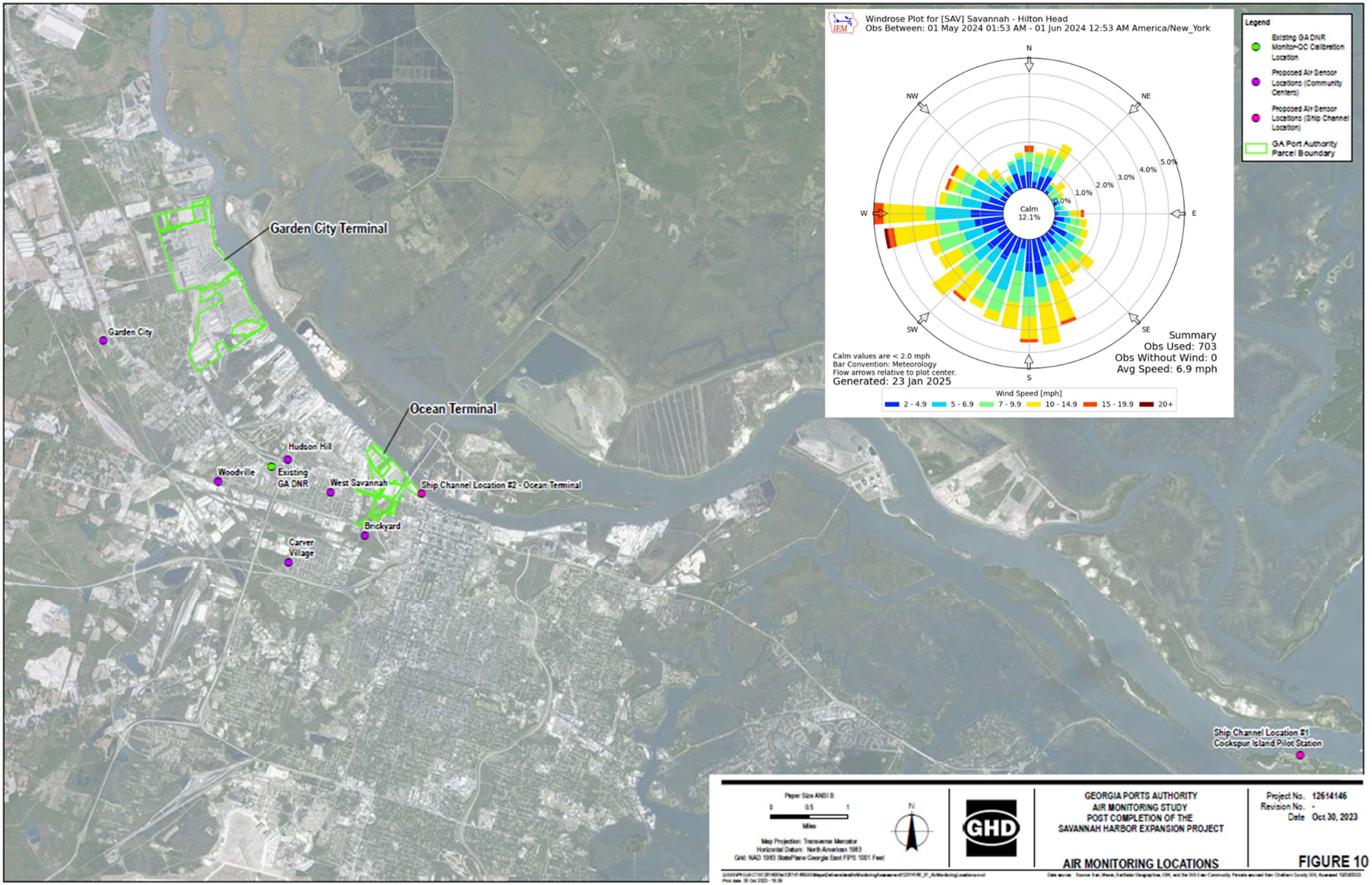
March 2024


Garden City Terminal
Garden City
Ocean Terminal
Hudson Hill
Woodville
Existing GA DNR
West Savannah
Ship Channel Location #2 - Ocean Terminal
Brickyard
Carver Village
Ship Channel Location #1 Cockspur Island Pilot Station
Windrose Plot for [SAV] Savannah - Hilton Head
Obs Between: 08 Mar 2024 01:53 AM - 01 Apr 2024 12:53 AM America/New_York
N
NE
E
SE
S
SW
W
NW
5.0%
4.0%
3.0%
2.0%
1.0%
0.0%
Calm
10.3%
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 23 Jan 2025
Summary
Obs Used: 562
Obs Without Wind: 0
Avg Speed: 8.7 mph
Wind Speed [mph]
2 - 4.9
5 - 6.9
7 - 9.9
10 - 14.9
15 - 19.9
20+
Legend
Existing GA DNR Monitor-QC Calibration Location
Proposed Air Sensor Locations (Community Centers)
Proposed Air Sensor Locations (Ship Channel Location)
GA Port Authority Parcel Boundary
Paper Size ANSI B
0
0.5
1
Miles
N
Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Georgia East FIPS 1001 Feet
GHD
GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT
Project No. 12614146
Revision No. -
Date Oct 30, 2023
AIR MONITORING LOCATIONS
FIGURE 10

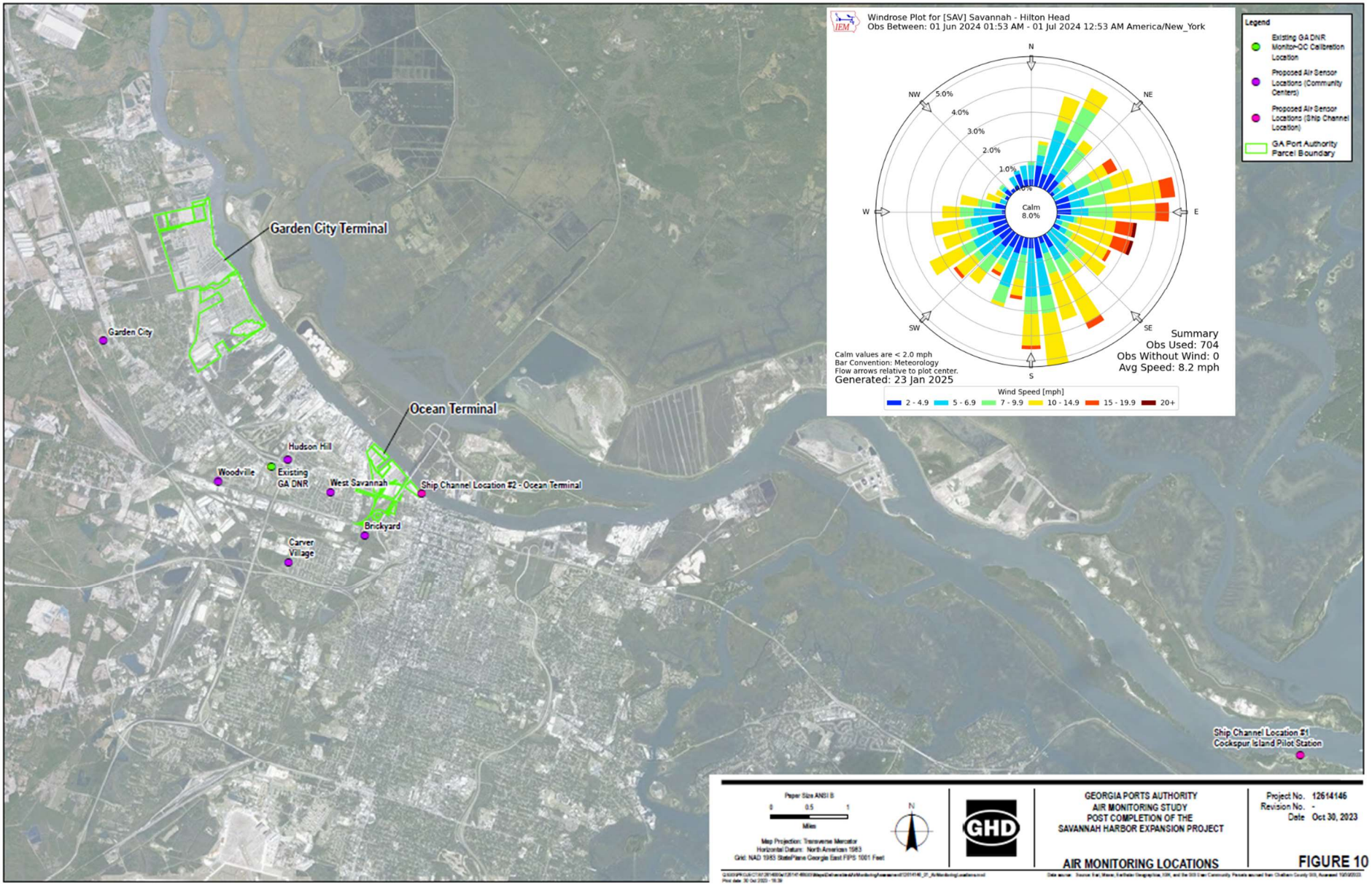
April 2024


Windrose Plot for [SAV] Savannah - Hilton Head
Obs Between: 01 Apr 2024 01:53 AM - 01 May 2024 12:53 AM America/New_York
N
NE
E
SE
S
SW
W
NW
5.0%
4.0%
3.0%
2.0%
1.0%
0.0%
Calm
12.7%
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 23 Jan 2025
Summary
Obs Used: 710
Obs Without Wind: 0
Avg Speed: 8.2 mph
Wind Speed [mph]
2 - 4.9
5 - 6.9
7 - 9.9
10 - 14.9
15 - 19.9
20+
Legend
Existing GA DNR Monitor-QC Calibration Location
Proposed Air Sensor Locations (Community Centers)
Proposed Air Sensor Locations (Ship Channel Location)
GA Port Authority Parcel Boundary
Garden City Terminal
Garden City
Ocean Terminal
Hudson Hill
Woodville
Existing GA DNR
West Savannah
Ship Channel Location #2 - Ocean Terminal
Brickyard
Carver Village
Ship Channel Location #1
Cockspur Island Pilot Station
Paper Size ANSI B
0
0.5
1
Miles
Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Georgia East FIPS 1001 Feet
N
GHD
GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT
Project No. 12614146
Revision No. -
Date Oct 30, 2023
AIR MONITORING LOCATIONS
FIGURE 10

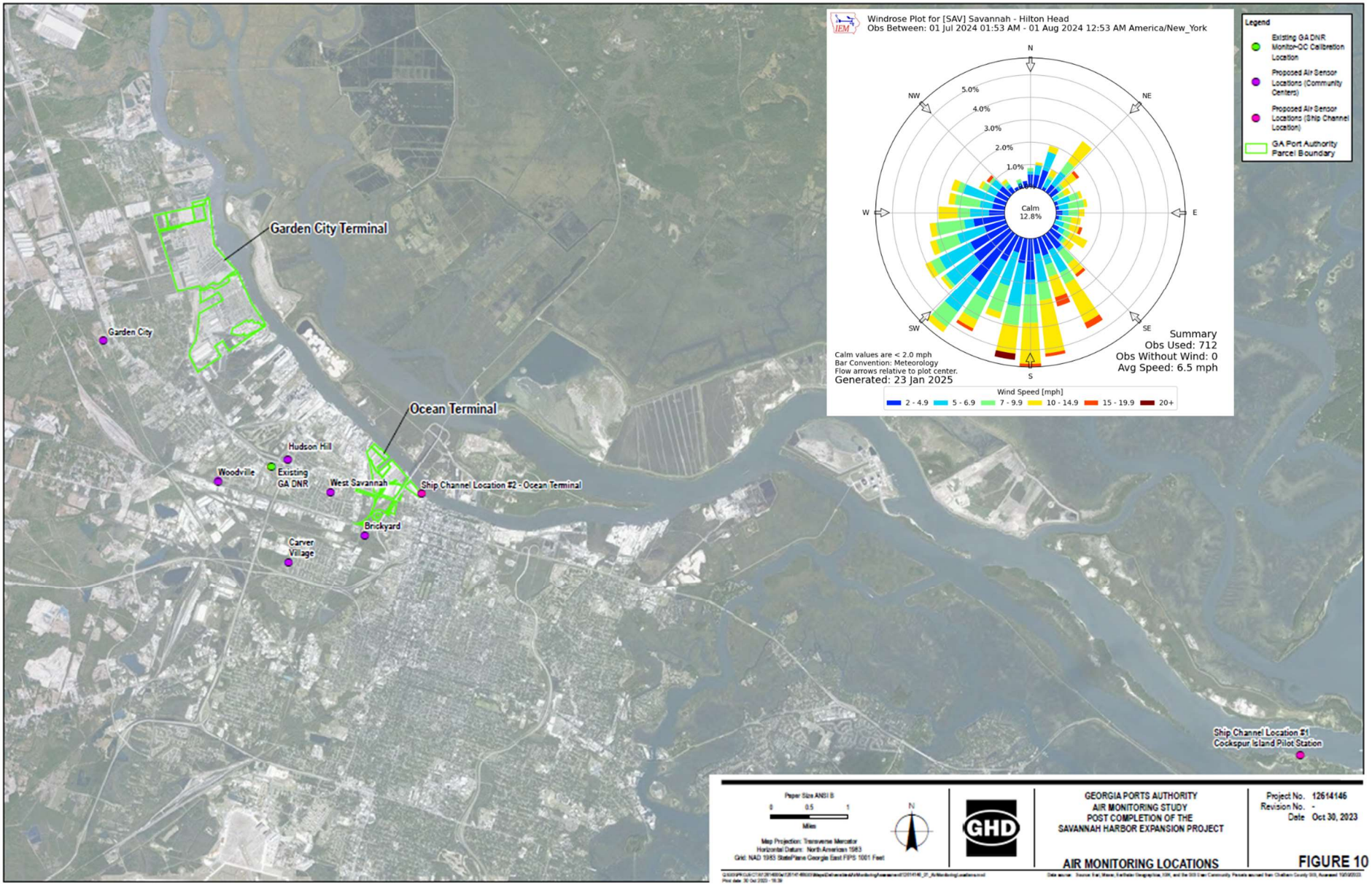
May 2024


Windrose Plot for [SAV] Savannah - Hilton Head
Obs Between: 01 May 2024 01:53 AM - 01 Jun 2024 12:53 AM America/New_York
N
NE
E
SE
S
SW
W
NW
1.0%
2.0%
3.0%
4.0%
5.0%
Calm
12.1%
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 23 Jan 2025
Summary
Obs Used: 703
Obs Without Wind: 0
Avg Speed: 6.9 mph
Wind Speed [mph]
2 - 4.9
5 - 6.9
7 - 9.9
10 - 14.9
15 - 19.9
20+
Legend
Existing GA DNR Monitor-QC Calibration Location
Proposed Air Sensor Locations (Community Centers)
Proposed Air Sensor Locations (Ship Channel Location)
GA Port Authority Parcel Boundary
Garden City Terminal
Garden City
Ocean Terminal
Hudson Hill
Woodville
Existing GA DNR
West Savannah
Ship Channel Location #2 - Ocean Terminal
Brickyard
Carver Village
Ship Channel Location #1
Cockspur Island Pilot Station
Paper Size ANSI B
0
0.5
1
Miles
N
Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Georgia East FIPS 1001 Feet
GHD
GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT
Project No. 12614146
Revision No. -
Date Oct 30, 2023
AIR MONITORING LOCATIONS
FIGURE 10

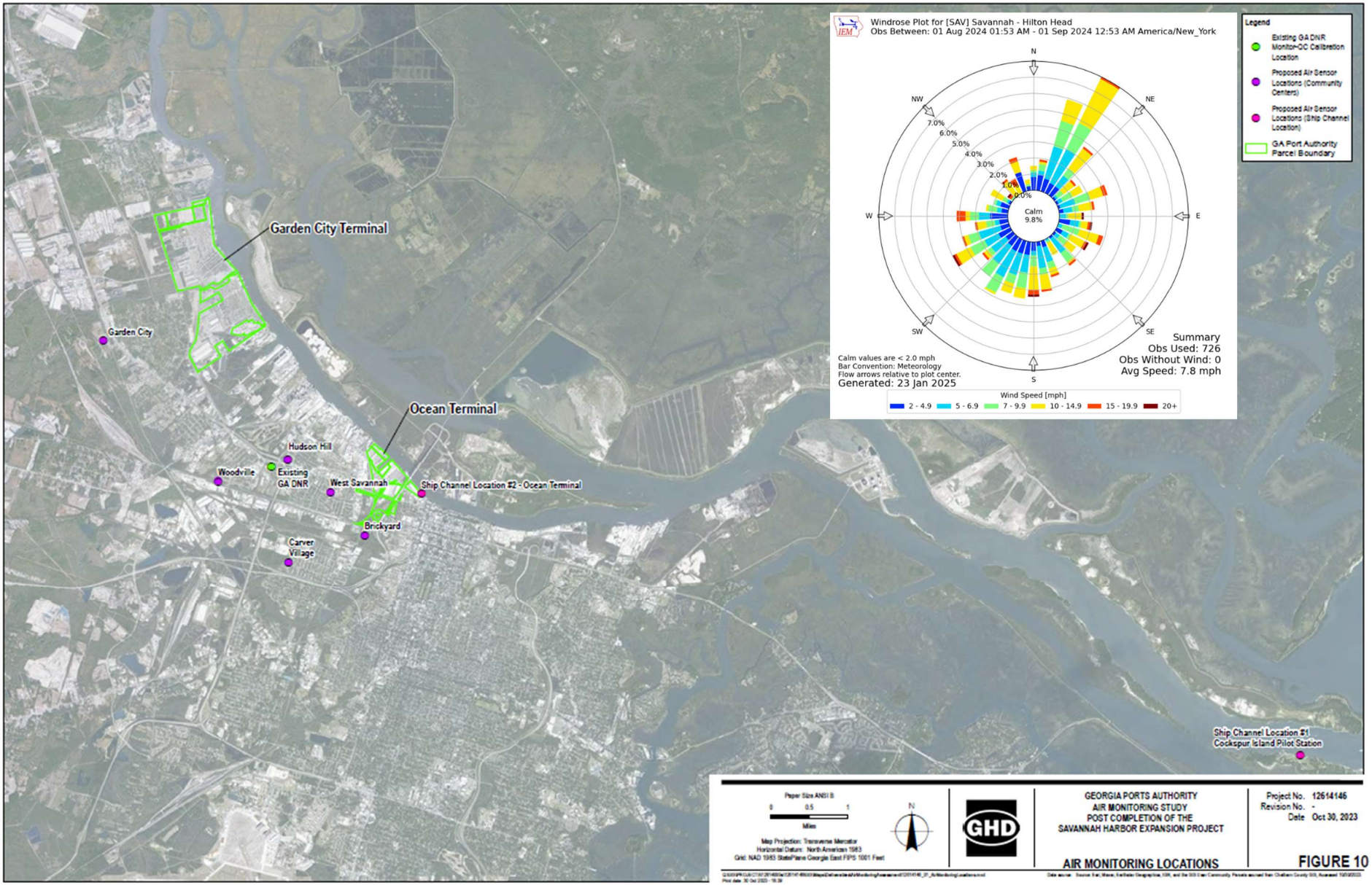
June 2024


Garden City Terminal
Garden City
Ocean Terminal
Hudson Hill
Woodville
Existing GA DNR
West Savannah
Ship Channel Location #2 - Ocean Terminal
Brickyard
Carver Village
Ship Channel Location #1 Cockspur Island Pilot Station
Windrose Plot for [SAV] Savannah - Hilton Head
Obs Between: 01 Jun 2024 01:53 AM - 01 Jul 2024 12:53 AM America/New_York
N
NE
E
SE
S
SW
W
NW
5.0%
4.0%
3.0%
2.0%
1.0%
Calm
8.0%
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 23 Jan 2025
Summary
Obs Used: 704
Obs Without Wind: 0
Avg Speed: 8.2 mph
Wind Speed [mph]
2 - 4.9
5 - 6.9
7 - 9.9
10 - 14.9
15 - 19.9
20+
Legend
Existing GA DNR Monitor-QC Calibration Location
Proposed Air Sensor Locations (Community Centers)
Proposed Air Sensor Locations (Ship Channel Location)
GA Port Authority Parcel Boundary
Paper Size ANSI B
0
0.5
1
Miles
Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Georgia East FIPS 1001 Feet
N
GHD
GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT
Project No. 12614146
Revision No. -
Date Oct 30, 2023
AIR MONITORING LOCATIONS
FIGURE 10

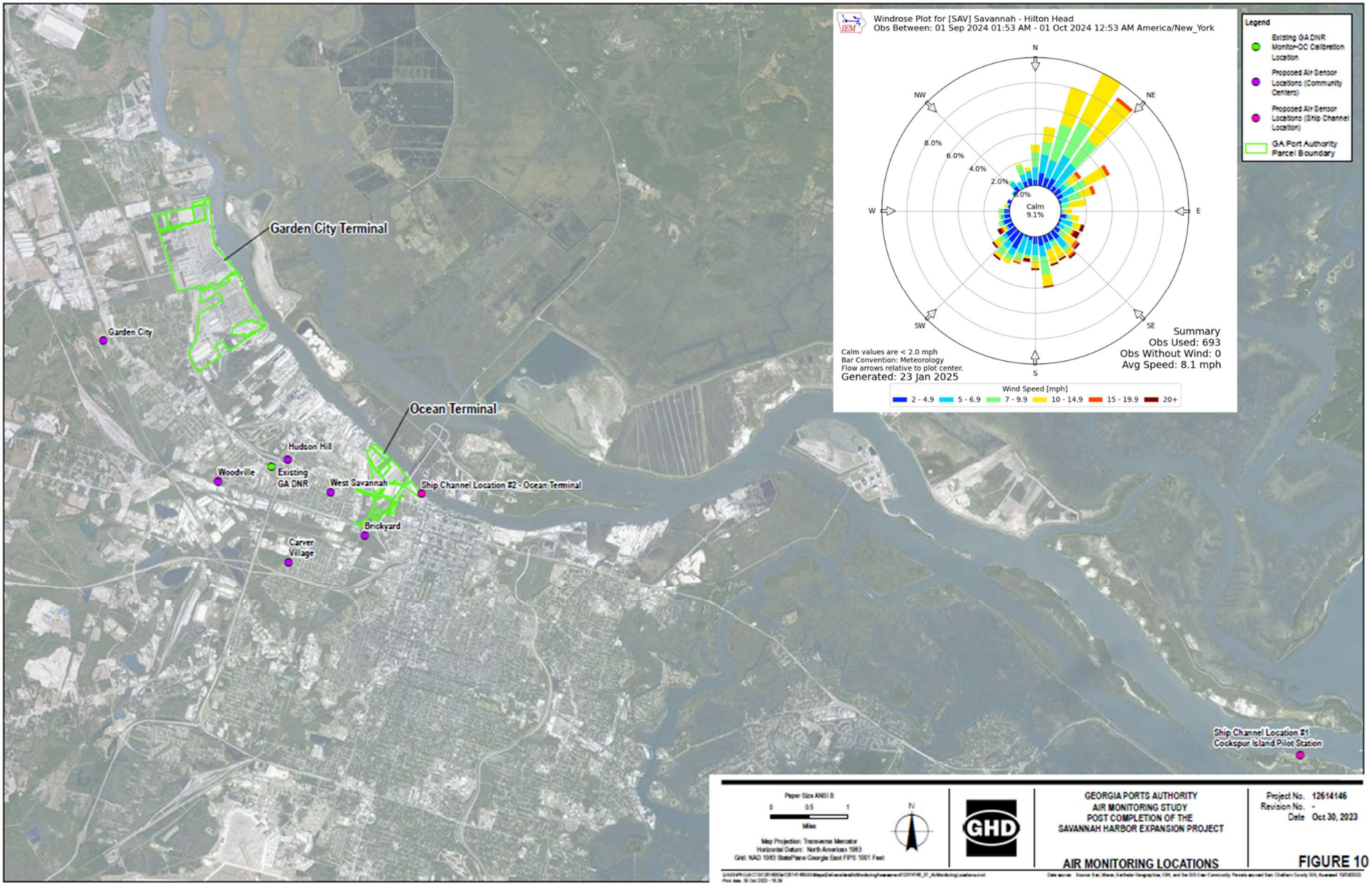
July 2024


Garden City Terminal
Garden City
Ocean Terminal
Hudson Hill
Woodville
Existing GA DNR
West Savannah
Ship Channel Location #2 - Ocean Terminal
Brickyard
Carver Village
Ship Channel Location #1 Cockspur Island Pilot Station
Windrose Plot for [SAV] Savannah - Hilton Head
Obs Between: 01 Jul 2024 01:53 AM - 01 Aug 2024 12:53 AM America/New_York
N
NE
E
SE
S
SW
W
NW
5.0%
4.0%
3.0%
2.0%
1.0%
Calm
12.8%
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 23 Jan 2025
Summary
Obs Used: 712
Obs Without Wind: 0
Avg Speed: 6.5 mph
Wind Speed [mph]
2 - 4.9
5 - 6.9
7 - 9.9
10 - 14.9
15 - 19.9
20+
Legend
Existing GA DNR Monitor-QC Calibration Location
Proposed Air Sensor Locations (Community Centers)
Proposed Air Sensor Locations (Ship Channel Location)
GA Port Authority Parcel Boundary
Paper Size ANSI B
0
0.5
1
Miles
Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Georgia East FIPS 1001 Feet
N
GHD
GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT
Project No. 12614146
Revision No. -
Date Oct 30, 2023
AIR MONITORING LOCATIONS
FIGURE 10

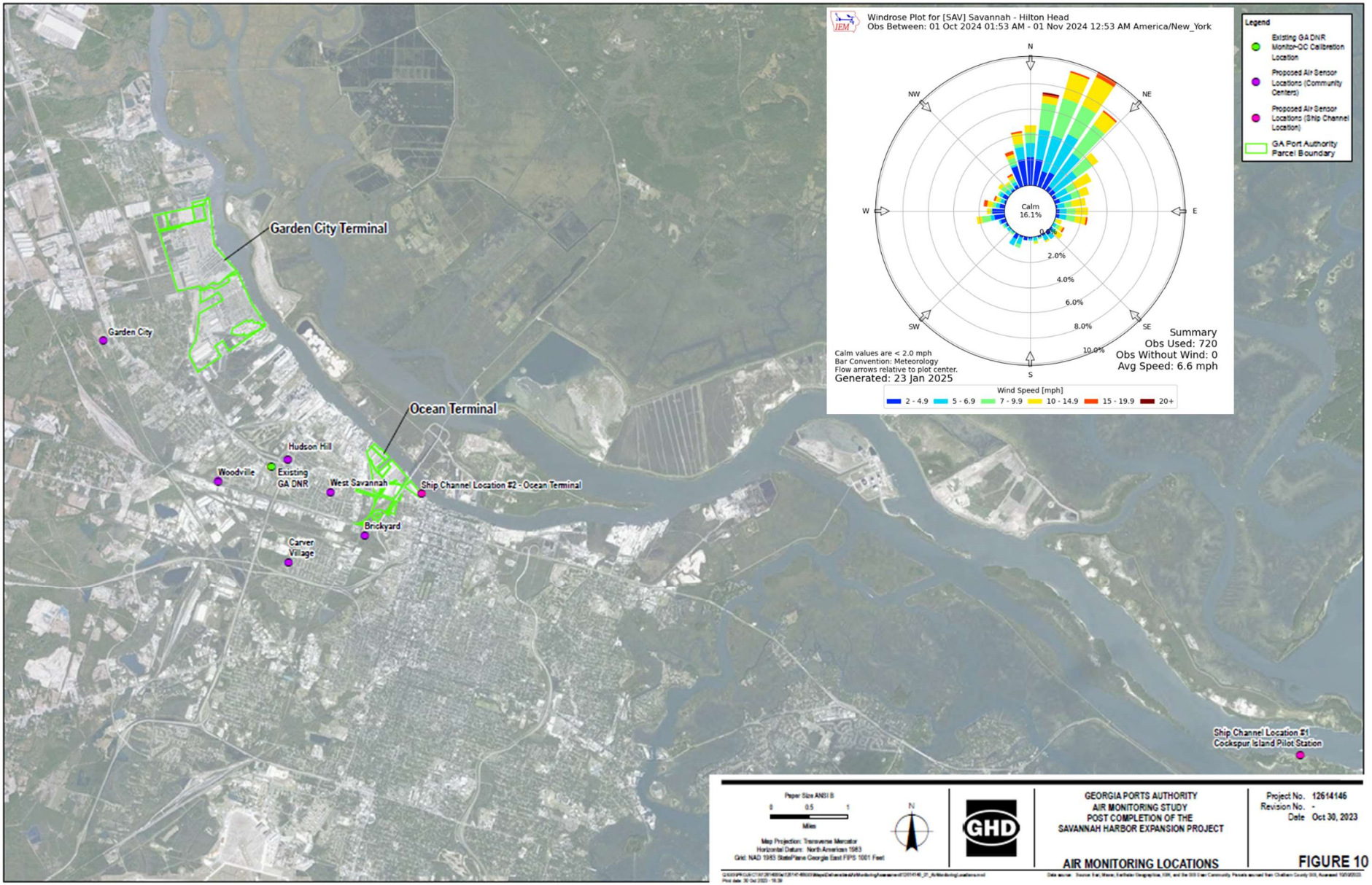
August 2024


Windrose Plot for [SAV] Savannah - Hilton Head
Obs Between: 01 Aug 2024 01:53 AM - 01 Sep 2024 12:53 AM America/New_York
N
NE
E
SE
S
SW
W
NW
7.0%
6.0%
5.0%
4.0%
3.0%
2.0%
1.0%
0.0%
Calm
9.8%
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 23 Jan 2025
Summary
Obs Used: 726
Obs Without Wind: 0
Avg Speed: 7.8 mph
Wind Speed [mph]
2 - 4.9
5 - 6.9
7 - 9.9
10 - 14.9
15 - 19.9
20+
Legend
Existing GA DNR Monitor-QC Calibration Location
Proposed Air Sensor Locations (Community Centers)
Proposed Air Sensor Locations (Ship Channel Location)
GA Port Authority Parcel Boundary
Garden City Terminal
Garden City
Ocean Terminal
Hudson Hill
Woodville
Existing GA DNR
West Savannah
Ship Channel Location #2 - Ocean Terminal
Brickyard
Carver Village
Ship Channel Location #1
Cockspur Island Pilot Station
Paper Size ANSI B
0
0.5
1
Miles
Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Georgia East FIPS 1001 Feet
N
GHD
GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT
Project No. 12614146
Revision No. -
Date Oct 30, 2023
AIR MONITORING LOCATIONS
FIGURE 10

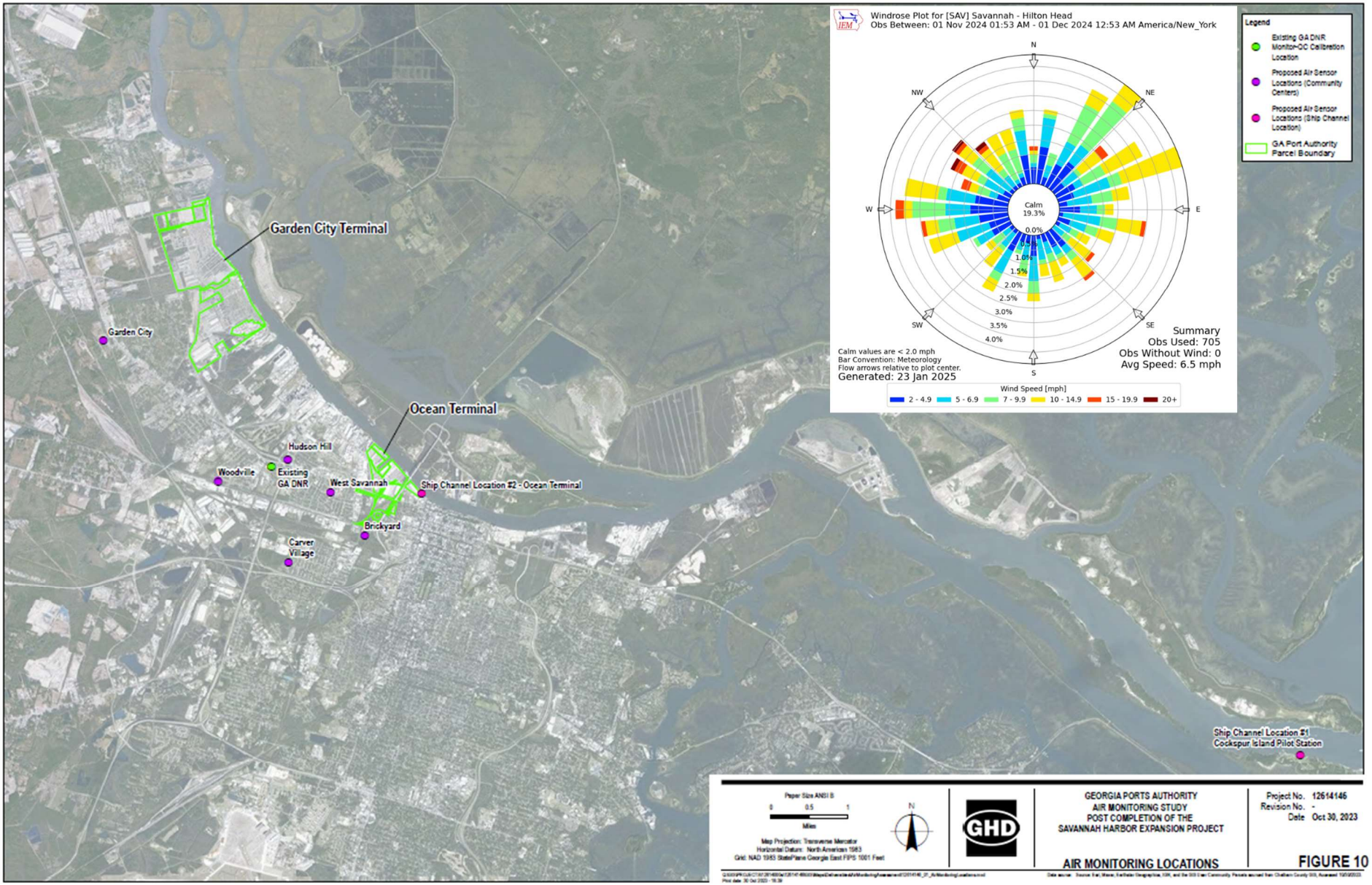
September 2024



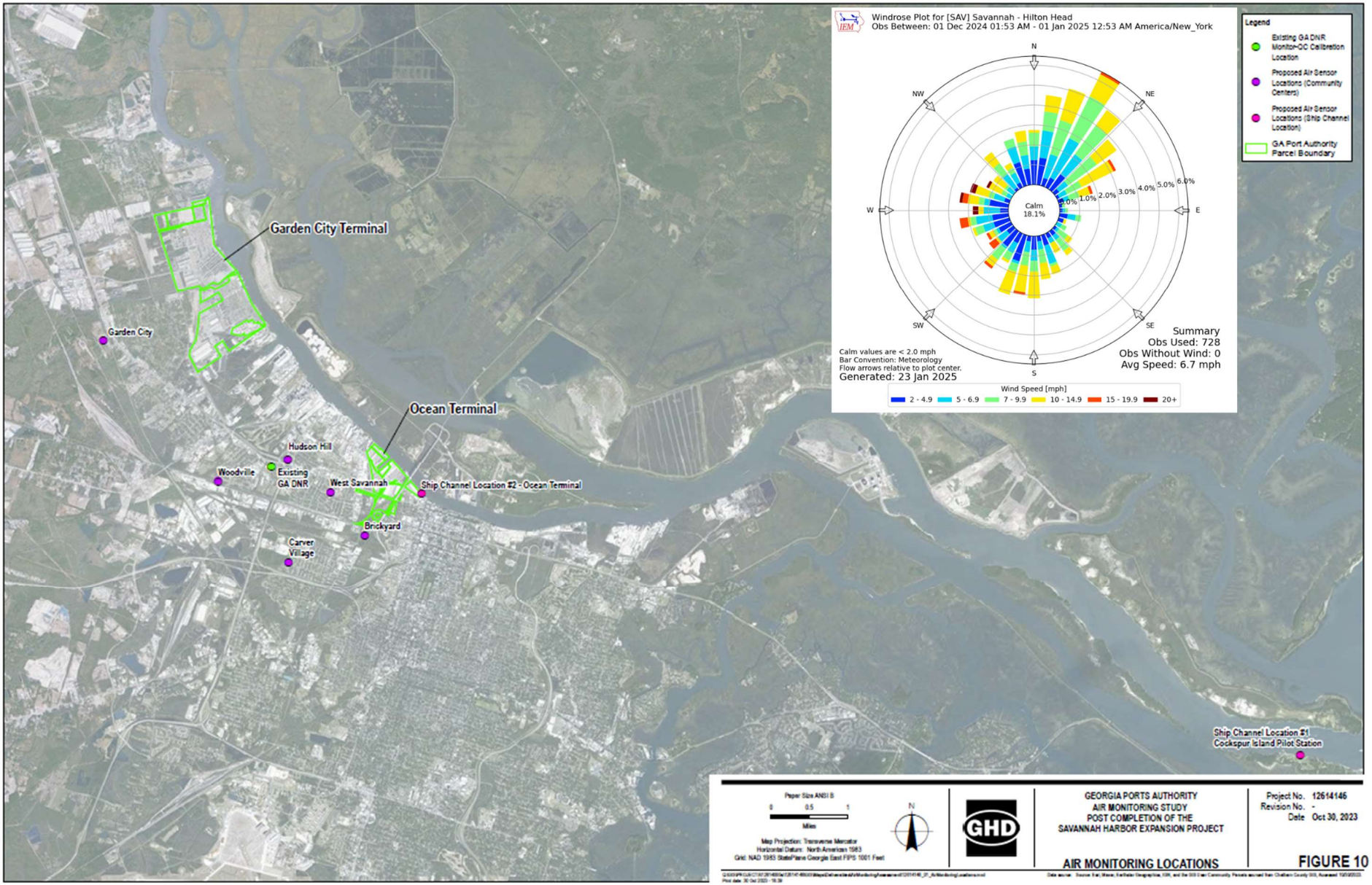
October 2024



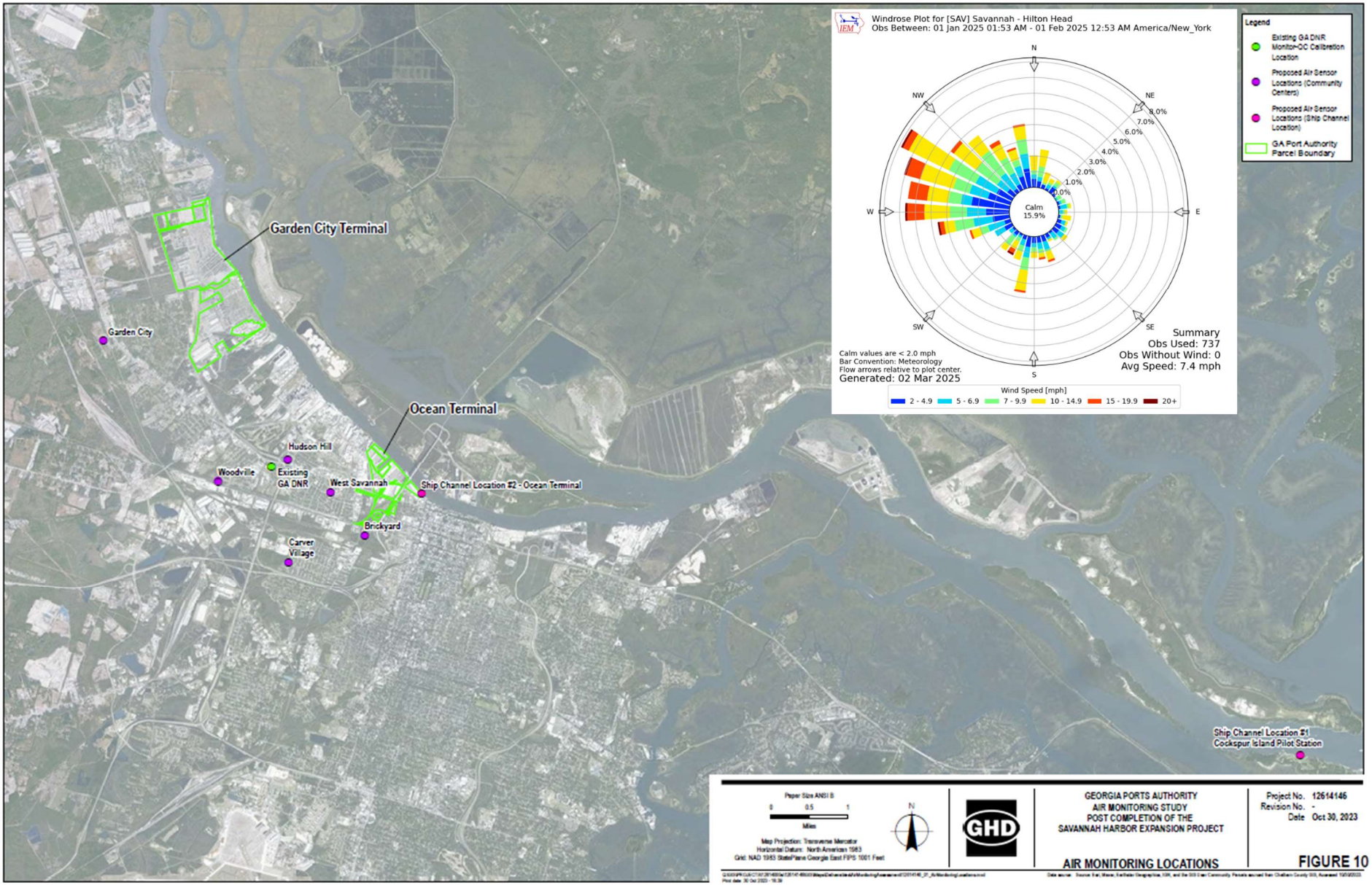
November 2024



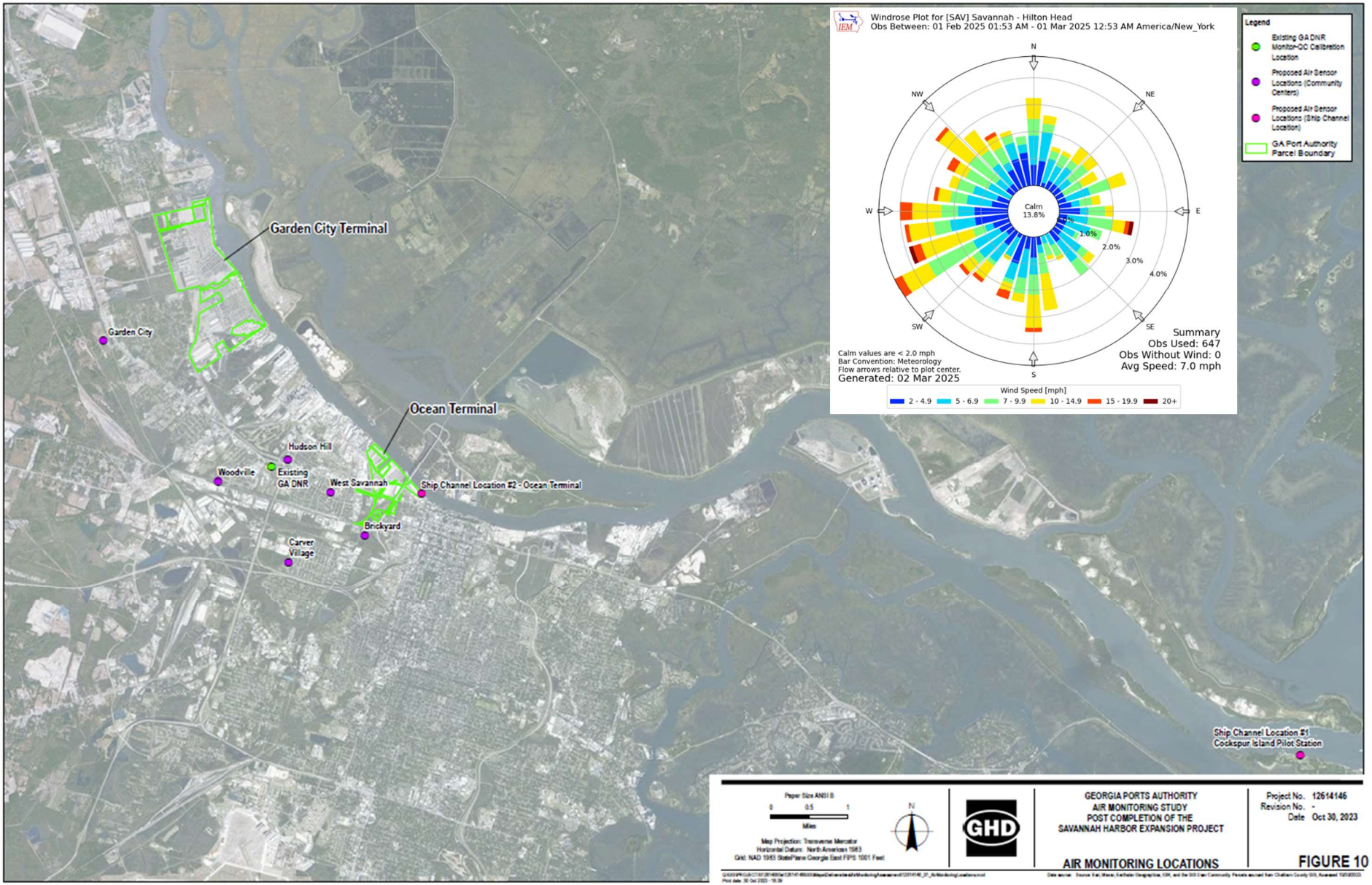
December 2024



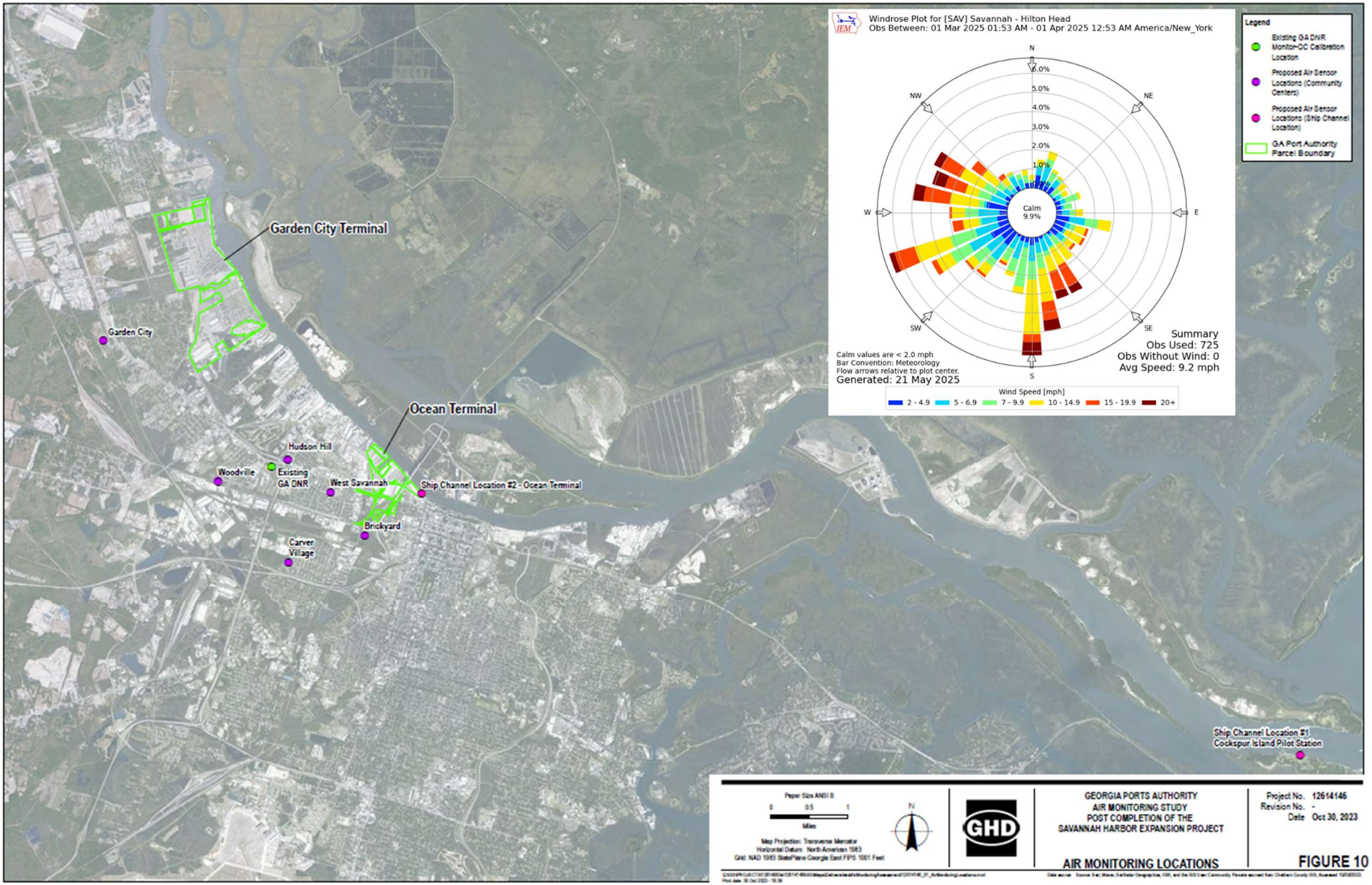
January 2025



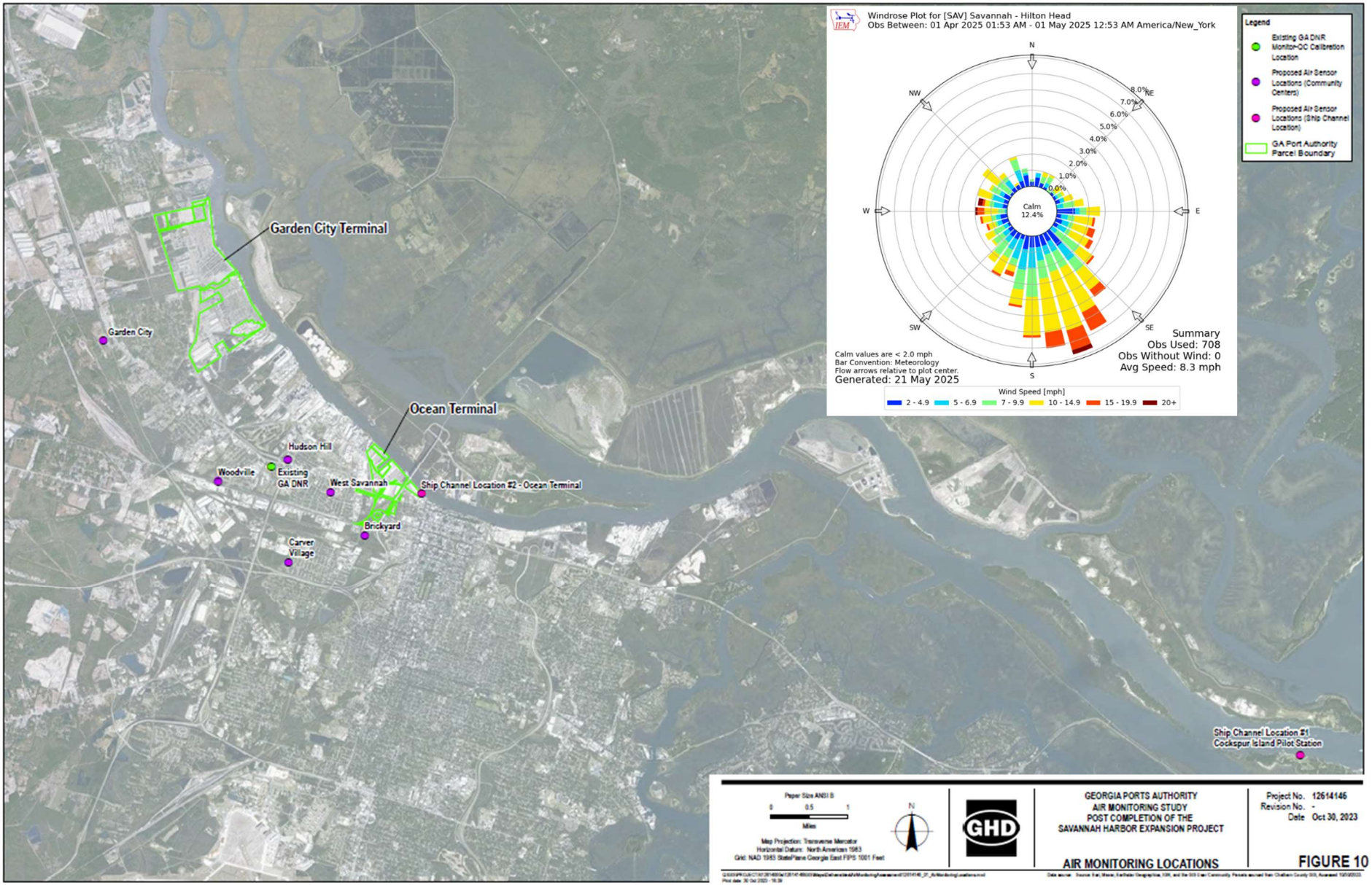
February 2025



March 2025


Garden City Terminal
Garden City
Ocean Terminal
Hudson Hill
Woodville
Existing GA DNR
West Savannah
Ship Channel Location #2 - Ocean Terminal
Brickyard
Carver Village
Ship Channel Location #1 Cockspur Island Pilot Station
Windrose Plot for [SAV] Savannah - Hilton Head
Obs Between: 01 Mar 2025 01:53 AM - 01 Apr 2025 12:53 AM America/New_York
N
NE
E
SE
S
SW
W
NW
6.0%
5.0%
4.0%
3.0%
2.0%
1.0%
Calm 9.9%
Summary
Obs Used: 725
Obs Without Wind: 0
Avg Speed: 9.2 mph
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 21 May 2025
Wind Speed [mph]
2 - 4.9
5 - 6.9
7 - 9.9
10 - 14.9
15 - 19.9
20+
Legend
Existing GA DNR Monitor-QC Calibration Location
Proposed Air Sensor Locations (Community Centers)
Proposed Air Sensor Locations (Ship Channel Location)
GA Port Authority Parcel Boundary
Paper Size ANSI B
0 0.5 1
Miles
Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Georgia East FIPS 1001 Feet
N
GHD
GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT
Project No. 12614146
Revision No. -
Date Oct 30, 2023
AIR MONITORING LOCATIONS
FIGURE 10

April 2025


Windrose Plot for [SAV] Savannah - Hilton Head
Obs Between: 01 Apr 2025 01:53 AM - 01 May 2025 12:53 AM America/New_York
N
NE
E
SE
S
SW
W
NW
8.0%
7.0%
6.0%
5.0%
4.0%
3.0%
2.0%
1.0%
0.0%
Calm
12.4%
Summary
Obs Used: 708
Obs Without Wind: 0
Avg Speed: 8.3 mph
Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 21 May 2025
Wind Speed [mph]
2 - 4.9
5 - 6.9
7 - 9.9
10 - 14.9
15 - 19.9
20+
Legend
Existing GA DNR Monitor-QC Calibration Location
Proposed Air Sensor Locations (Community Centers)
Proposed Air Sensor Locations (Ship Channel Location)
GA Port Authority Parcel Boundary
Garden City Terminal
Garden City
Ocean Terminal
Hudson Hill
Woodville
Existing GA DNR
West Savannah
Ship Channel Location #2 - Ocean Terminal
Brickyard
Carver Village
Ship Channel Location #1
Cockspur Island Pilot Station
Paper Size ANSI B
0
0.5
1
Miles
Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Georgia East FIPS 1001 Feet
N
GHD
GEORGIA PORTS AUTHORITY
AIR MONITORING STUDY
POST COMPLETION OF THE
SAVANNAH HARBOR EXPANSION PROJECT
Project No. 12614146
Revision No. -
Date Oct 30, 2023
AIR MONITORING LOCATIONS
FIGURE 10

Appendix F

AQI Index Values

Appendix F
Daily Air Quality Index (AQI) Values
March 2024

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
3/1/2024										
3/2/2024										
3/3/2024										
3/4/2024										
3/5/2024										
3/6/2024										14.3
3/7/2024			32.1	37.1	40.0				30.7	24.4
3/8/2024	4.2	9.7	21.2	18.7	19.4	13.8	4.2	5.5	9.2	24.6
3/9/2024	18.6	22.5	21.5	21.7		22.1	22.2	20.7	23.2	25.9
3/10/2024	12.5	15.7	16.1	16.2		15.5	14.1	12.1	15.5	11.5
3/11/2024	18.8	21.4	21.2	22.0		19.5	18.3	13.0	22.3	17.3
3/12/2024	53.8	41.3	25.9	52.2			39.7	13.5	30.5	52.1
3/13/2024	51.0	50.4	37.6	51.0			51.2	39.1	49.4	60.3
3/14/2024	90.5	80.0	60.5	85.4			81.6	84.5	76.3	85.3
3/15/2024	62.2	57.1	48.2	57.6			63.6	45.9	54.1	72.9
3/16/2024	28.4	31.6	29.0	29.3			29.6	32.5	28.8	24.5
3/17/2024	24.7	31.3	26.6	26.7			26.5	25.4	25.9	23.6
3/18/2024	25.7		26.7	27.0			24.9	25.1	26.0	26.0
3/19/2024	31.2	44.0	25.7	33.8	43.0	40.9	29.1	21.3	29.6	29.5
3/20/2024	60.0	66.3	50.8	56.7	65.6	56.5	63.8	53.2	54.2	62.9
3/21/2024	89.9	86.5	43.9	92.8	93.6	52.2	93.0	97.3	69.6	84.5
3/22/2024	25.0	24.5	23.4	23.0	22.9	24.1	21.3	17.6	22.4	35.7
3/23/2024	17.1	18.9	18.0	17.4	18.1	17.2	14.4	12.0	21.4	18.9
3/24/2024	27.4	25.5	27.4	28.6	26.0	26.1	21.1	19.4	31.1	25.0
3/25/2024										25.3
3/26/2024										28.2
3/27/2024										25.1
3/28/2024										19.9
3/29/2024										29.7
3/30/2024										59.9
3/31/2024										31.9

Community monitoring program began on March 6-8, 2024

	Before May 6, 2024 $\mu g/m^3$	Begin May 6, 2024 $\mu g/m^3$	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix F
Daily Air Quality Index (AQI) Values
April 2024

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
4/1/2024	29.8			31.9		27.5	27.3	16.8	34.1	22.1
4/2/2024	41.6		40.7	45.6		38.4	37.8	28.6	45.7	16.6
4/3/2024	33.0		37.7	42.1		43.8	41.8	37.0	37.5	26.2
4/4/2024	18.2	16.2	21.5	9.5		32.4	27.3	14.9	19.4	17.7
4/5/2024	22.6	19.7	27.1	28.9		29.8	30.4	26.2	29.5	19.8
4/6/2024	25.8	16.7	29.9	25.6		23.8	22.9	20.1	24.2	26.6
4/7/2024	29.1	18.8	31.2	42.0		31.0	44.7	17.2	32.6	32.2
4/8/2024	28.0	16.1	40.5	20.6		22.1	18.6	13.4	20.9	29.8
4/9/2024	35.5	12.1	31.5	14.2	10.6	33.1	12.3	7.8	17.8	28.8
4/10/2024	13.6	12.7	14.2	12.1			11.9	8.9		38.4
4/11/2024	19.0	20.8	18.3	19.8			21.2	20.0		28.7
4/12/2024	16.4	17.5	17.5	16.7			17.8	14.6		20.5
4/13/2024	20.1	33.6	22.3	22.4			26.8	17.4		34.2
4/14/2024	26.8	45.3	30.2	29.7			36.6	26.2		33.9
4/15/2024	29.5	31.2	28.7	34.8			29.8	22.3		36.5
4/16/2024	38.7	42.5	37.4	53.0			36.5	23.8		17.3
4/17/2024	14.1	12.3	17.7	12.4			12.2	6.1		26.0
4/18/2024	30.3	29.9	27.8	27.5			30.9	23.5		32.8
4/19/2024	51.2	52.3	49.2	50.5			53.2	50.3		26.6
4/20/2024	58.7	57.5	55.4	54.7			56.5	55.4		35.3
4/21/2024		44.7	42.7	42.8			43.0	43.1		20.0
4/22/2024	26.2	23.7	22.5	25.2	21.1	26.7	19.3	19.3	20.7	
4/23/2024	58.0	31.9	32.2	32.8	23.9	31.0	28.0	24.2	23.9	
4/24/2024	67.1	69.8	34.0	52.7		33.9	61.8	35.4		35.4
4/25/2024		55.6	52.7	54.7		53.7	52.2	55.2		37.3
4/26/2024		60.7	26.9	54.4		52.8		43.2		35.6
4/27/2024		16.6	16.1	16.6	13.0	15.9		12.6		35.5
4/28/2024		17.1	16.7	32.5	12.8	17.0		13.7		22.0
4/29/2024		15.6	16.2	31.3	11.5			9.7		20.8
4/30/2024	15.6	17.0	19.4	36.0	15.6	13.9		10.4	28.0	18.5

	Before May 6, 2024 $\mu g/m^3$	Begin May 6, 2024 $\mu g/m^3$	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix F
Daily Air Quality Index (AQI) Values
May 2024

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
5/1/2024	27.2	32.6	28.7	37.8	34.4	30.1		24.4	37.8	36.5
5/2/2024		29.7	27.7	17.5	32.0	27.1		21.1	23.8	27.0
5/3/2024		18.3	19.1	22.9	21.3	18.2		12.4	15.4	32.5
5/4/2024		15.2	14.7	14.9	15.9	14.0		9.1	15.2	16.3
5/5/2024		15.3	15.8	16.0	16.3	14.4		10.1	19.3	17.4
5/6/2024		24.1	24.3	25.7	27.3	23.9		19.0	19.9	29.6
5/7/2024		31.2	32.9	34.0	36.3	33.6	46.7	29.9	34.0	34.6
5/8/2024			45.8	46.7	49.7	46.5	50.9	40.6	46.7	44.8
5/9/2024	43.5		54.0	32.8	51.5	33.5	17.1	42.2	32.8	37.2
5/10/2024				21.8		20.8	23.1		21.8	21.9
5/11/2024				31.1		23.1	28.3		31.1	25.7
5/12/2024				32.2		36.1	47.5		32.2	33.3
5/13/2024				39.6		38.7		20.1	39.6	40.5
5/14/2024				28.4	37.0	27.2	29.5		28.4	31.7
5/15/2024				38.0	40.8	39.2	40.1		38.0	41.9
5/16/2024				44.4	46.6	43.4	42.8		44.4	37.2
5/17/2024	56.7			56.1	58.3	56.4	56.8		56.1	47.1
5/18/2024				40.5	43.6	40.4	41.0		40.5	33.2
5/19/2024				30.5	29.6	28.5	27.9		30.5	27.2
5/20/2024				38.7	35.8	126.0	32.2		38.7	30.2
5/21/2024				37.1	27.0		21.6		37.1	27.2
5/22/2024				23.3	21.2		17.8		23.3	24.6
5/23/2024			13.8	20.2	16.5		16.7		20.2	18.0
5/24/2024			7.7	32.8	26.8		26.9		32.8	28.4
5/25/2024				46.7	46.9		44.4		46.7	34.7
5/26/2024				54.1	55.1		55.3		54.1	44.7
5/27/2024			45.5	53.3	56.2		54.7		53.3	50.0
5/28/2024				45.8	54.3		52.9		45.8	48.4
5/29/2024			24.7	33.8	42.8		40.4		33.8	45.3
5/30/2024			28.0	37.8	43.7		37.9		37.8	42.5
5/31/2024			29.7	47.1	51.7		47.6	42.7	47.1	53.4

EPA revised annual PM2.5 standard reduced from 12.0 to 9.0 ug/m3. AQI "Good" Range 0 - 9 µg/m^3 beginning May 6, 2024.

	Before May 6, 2024 µg/m^3	Begin May 6, 2024 µg/m^3	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix F
Daily Air Quality Index (AQI) Values
June 2024

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
6/1/2024	37.2		19.5	29.7	28.5				27.7	29.2
6/2/2024			14.7	21.4	21.4				20.1	21.9
6/3/2024			16.3	23.9	22.5				24.6	34.7
6/4/2024			16.0	21.1	23.4				25.4	23.5
6/5/2024			17.7	23.5	24.4				27.1	26.3
6/6/2024			16.4	36.8	40.3				35.6	35.2
6/7/2024				51.0	51.8					42.7
6/8/2024			25.8	42.7	48.1					39.5
6/9/2024			28.0	50.3	51.8					38.2
6/10/2024				54.5	56.8					50.6
6/11/2024			19.3	51.5	53.6					38.1
6/12/2024			18.8	39.3	38.5					27.2
6/13/2024			15.3	21.5	26.6			15.1	18.3	45.3
6/14/2024	39.2		23.7	40.1	38.9		36.4	23.0	40.7	45.0
6/15/2024	51.1		46.5	52.0	52.8		51.8	39.9	50.8	48.3
6/16/2024	27.5		18.5	26.8	28.4		23.3	15.3	24.1	23.0
6/17/2024	34.1	9.3	18.8	33.9	35.3	21.3	31.9	47.2	32.2	34.4
6/18/2024		7.7	16.7	27.8	27.2	19.8	21.9	17.2	25.2	43.4
6/19/2024		7.1	16.3	23.7	24.1		18.6	16.0	21.7	35.2
6/20/2024		6.4	17.5	27.0	24.7	21.0	21.0		24.1	46.9
6/21/2024		3.4	10.7	28.9	23.2		19.6		31.8	26.5
6/22/2024		1.8	8.4	13.3			10.0		12.9	
6/23/2024		7.7	18.5	25.4			26.9		24.4	
6/24/2024		9.5	18.2	45.6			45.4		40.8	47.0
6/25/2024	57.6	9.4	23.1				52.8		51.9	49.5
6/26/2024	55.0	9.9	45.7	52.8	58.5		52.3	52.2	51.9	47.2
6/27/2024	49.9	8.5		50.0	51.9		53.5		51.5	47.0
6/28/2024	34.6	6.5	13.4	29.6	20.5		27.4		26.5	29.2
6/29/2024		7.6	13.4	20.5	21.3		17.3	17.4	18.0	27.5
6/30/2024			14.4	24.3			21.6		22.2	24.5

	Before May 6, 2024 µg/m³	Begin May 6, 2024 µg/m³	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix F
Daily Air Quality Index (AQI) Values
July 2024

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
7/1/2024		3.5	7.0	31.4			32.5		32.7	37.9
7/2/2024		2.8	9.0	18.5			12.2		16.4	25.8
7/3/2024		2.6	10.4	20.4			14.8		18.9	31.4
7/4/2024		7.4	20.3	37.1			33.9		46.2	42.1
7/5/2024		8.8	28.7	35.9			34.6	32.1	33.8	34.0
7/6/2024		9.8	36.9	48.7			43.3	40.9	41.9	38.1
7/7/2024		7.5	14.6	28.5			24.0		25.2	25.6
7/8/2024		5.3	10.5	24.9		45.6	25.5	28.1	24.9	27.8
7/9/2024		6.6	25.7	36.9			37.0		35.2	31.6
7/10/2024		7.6		35.8			31.1	40.9	29.7	43.7
7/11/2024		3.5	23.8	37.7			32.6		32.3	39.0
7/12/2024				60.9			55.9		57.9	58.2
7/13/2024				59.2			55.6		54.9	50.5
7/14/2024			59.5	62.6			63.7	71.1	59.9	54.6
7/15/2024				58.2					58.6	52.6
7/16/2024	39.7		33.6	41.9					44.6	36.9
7/17/2024	35.6		37.8	38.5					43.7	39.2
7/18/2024	17.8		12.9	24.7					23.9	25.2
7/19/2024			11.8	19.3					17.9	23.0
7/20/2024			16.3	19.3					19.3	22.8
7/21/2024				31.8					33.9	27.6
7/22/2024	28.4			23.2					25.5	34.6
7/23/2024				26.8					29.8	39.2
7/24/2024				24.6					25.4	36.8
7/25/2024									21.0	30.7
7/26/2024				38.7					28.4	39.0
7/27/2024				39.3					42.1	43.8
7/28/2024				58.1					59.1	51.6
7/29/2024	39.3			52.6				46.4	52.3	43.0
7/30/2024	26.7	37.6	36.6	32.1				32.3	33.2	28.2
7/31/2024	39.3	45.2	45.5	49.2	53.2			38.8	49.0	39.7

	Before May 6, 2024 $\mu g/m^3$	Begin May 6, 2024 $\mu g/m^3$	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix F
Daily Air Quality Index (AQI) Values
August 2024

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
8/1/2024	38.7	43.3	42.5	41.1				33.3	42.1	38.1
8/2/2024	48.0	51.3	51.1	50.7				43.1	50.6	45.5
8/3/2024	24.4	37.6	25.7	28.2				23.3	28.0	34.3
8/4/2024	19.5	11.4	10.0	11.9				8.0	12.8	26.9
8/5/2024	7.5	10.5	7.3	7.2				21.5	9.5	27.7
8/6/2024	2.3	3.4	1.8	4.1		2.4		11.9	4.7	11.2
8/7/2024	6.5	7.3	7.2	8.9		6.6		5.3	9.2	15.8
8/8/2024	35.5	41.6	40.6	42.0		39.2		41.3	41.1	36.2
8/9/2024	68.4	74.4	74.7	70.0		70.7	67.4	69.4	70.1	62.1
8/10/2024	58.8	61.3	61.0	59.6		59.8	58.2	56.4	60.3	55.1
8/11/2024	55.2	57.1	57.2	56.0		61.2	55.3	55.3	56.5	51.9
8/12/2024	53.3	56.2	56.7	55.4		55.7	54.8	52.4	55.3	52.0
8/13/2024	51.7	61.8	61.5	61.5		66.7	63.2	65.3	60.1	57.5
8/14/2024	43.8	48.7	50.2	51.6			42.4	34.1	52.9	50.9
8/15/2024	40.7	45.2	44.7	50.8			38.5	34.1	50.7	48.8
8/16/2024	57.6	61.4	62.1	61.3			58.4	58.4	62.1	60.0
8/17/2024	65.4	69.0	69.6	67.5			66.4	66.3	67.4	60.8
8/18/2024	60.4	62.6	62.7	61.4			61.0	62.6	61.3	55.5
8/19/2024	34.1	36.8	36.8	37.6			33.7	28.6	36.8	34.9
8/20/2024	44.8	51.5	52.1	51.9	50.5		51.0	51.4	52.5	48.4
8/21/2024	35.2	40.2		48.5	41.1	37.8	34.7	28.1	51.1	43.8
8/22/2024	40.9	45.2	38.2	50.9	45.1	42.6	40.6	28.6	50.7	52.0
8/23/2024	32.1	36.0	36.5	47.8	35.9	33.0	31.2	16.9	49.0	53.1
8/24/2024	34.5	39.9	40.1	49.3	38.8	36.4	34.0	19.7	53.5	47.7
8/25/2024	33.1	38.1	37.7	44.1	35.7	33.2	31.6	14.1	51.7	49.1
8/26/2024	17.5	16.4	17.7	25.1	17.8	15.1	12.6	7.6	27.7	34.5
8/27/2024	18.3	24.1	23.0	26.3	20.1	16.7	15.2	9.0	27.3	31.8
8/28/2024	15.8	19.1	18.7	20.2	19.3	18.0	16.2	12.8	18.9	28.2
8/29/2024	14.4	15.2	16.8	18.1	17.5	13.4	14.0	10.3	18.3	21.7
8/30/2024	16.8	17.3	18.2	21.9	20.4	16.5	14.9	10.5	22.2	29.6
8/31/2024	21.9	26.6	24.3	27.1	32.4	20.0	18.7	13.6	27.4	27.4

	Before May 6, 2024 µg/m³	Begin May 6, 2024 µg/m³	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix F
Daily Air Quality Index (AQI) Values
September 2024

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
9/1/2024	16.2	18.3	20.3	17.7	21.3	11.4	11.5	8.0	17.0	18.2
9/2/2024	9.8	10.3	10.4	15.7	15.8	8.2	7.6	4.4	20.2	22.0
9/3/2024	34.7	39.2	40.1	50.1	40.4	36.9	34.6	23.0	51.3	51.3
9/4/2024	27.9	32.0	33.3	38.5	32.9	29.9	27.4	15.7	43.5	48.0
9/5/2024	21.3	22.6	26.4	32.5	23.6	21.9	17.2	12.1	34.0	47.8
9/6/2024	23.9	28.2	28.7	38.4	28.2	26.1	24.4	11.6	47.5	52.9
9/7/2024	21.2	25.0	23.6	27.7	31.1	27.5	26.5	18.4	28.9	26.1
9/8/2024	21.6	23.1	25.6	37.3	26.4	22.9	22.5	10.8	38.3	43.2
9/9/2024	23.4	24.9	26.4	33.2	27.5	24.3	22.7	11.8	34.2	37.5
9/10/2024	23.1	23.7	28.6	31.8	27.4	23.8	22.2	10.2	30.5	39.0
9/11/2024	23.5	24.6	30.8	30.8	26.8	24.9	18.9	18.6	29.8	40.6
9/12/2024	39.5	43.2	49.8	46.6	46.2	43.5	38.5	34.8	47.9	52.4
9/13/2024	49.2	51.6	55.4	58.3	52.4	51.6	52.6	48.1	65.2	56.2
9/14/2024	18.6	20.6	21.7	28.8	22.1	19.5	17.0		37.1	38.4
9/15/2024	22.6	22.4	27.6	33.9	26.5	23.7	21.4		40.1	34.5
9/16/2024	44.9	45.8	49.1	51.5	51.0	44.4	48.7	31.5	55.3	50.8
9/17/2024	32.3	34.6	36.8	37.5	38.1	33.7	36.5	27.7	38.2	32.0
9/18/2024	43.0	41.5	51.0	45.5	47.6	40.0	32.1	29.5	48.3	36.1
9/19/2024	43.7	52.5	51.9	52.7	51.5	48.9	42.6	31.2	54.3	50.8
9/20/2024	47.7	49.0	51.1	50.7	50.5	46.0	41.2	37.7	51.5	47.6
9/21/2024	34.5	35.8	35.7	38.7	36.8	33.4		25.4	41.2	45.2
9/22/2024	36.2	32.1	31.9	34.4	36.7	33.0		19.5	33.0	34.0
9/23/2024	27.4	26.8	22.6	25.1	29.2	25.5		17.8	29.1	29.8
9/24/2024	34.2	40.0	39.4	39.3	40.6	37.5		28.8	41.3	40.6
9/25/2024	21.6	23.4	25.8	22.8	24.0	20.4	14.2	16.4	26.6	32.5
9/26/2024	14.4	17.7	31.8	16.9	16.9	15.4		23.9	19.1	39.6
9/27/2024	35.0	36.3	34.5	44.1	34.8	30.4		55.2	33.2	
9/28/2024	41.6	51.3	38.6		43.1	37.6			39.6	
9/29/2024	41.1	50.7			47.3	46.0		25.2	42.3	
9/30/2024					51.6			34.4	47.7	

	Before May 6, 2024 µg/m³	Begin May 6, 2024 µg/m³	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix F
Daily Air Quality Index (AQI) Values
October 2024

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
10/1/2024										64.1
10/2/2024										52.7
10/3/2024	9.7			6.9	12.3			3.6	9.8	27.6
10/4/2024	17.2			14.0	16.2			2.0	15.3	28.4
10/5/2024	24.1			21.5	26.6			10.5	26.1	32.2
10/6/2024	38.4			35.8	39.0			19.2	38.1	44.6
10/7/2024	51.8			51.7	53.7			38.1	52.6	64.8
10/8/2024	53.7			54.7				39.1	55.7	66.9
10/9/2024	38.7	31.0	27.6	47.0	35.3	34.0	28.2	19.5	44.7	55.3
10/10/2024	22.0	21.6	22.5	24.2	25.1	21.5	20.1	11.0	26.6	38.7
10/11/2024	29.2	22.7	24.0	25.3	34.8	23.6	20.3	11.4	28.9	41.9
10/12/2024	31.0	29.1	29.0	26.2	33.2	29.2	28.1	16.3	31.2	51.2
10/13/2024	44.6	48.1	50.9	52.0	52.7	49.8	48.6	27.4	50.9	57.1
10/14/2024	53.0	55.0	54.6	53.8	56.0	54.5	56.0	51.2	54.4	58.3
10/15/2024	31.4	38.3	48.6	38.8	39.4	34.8	35.7	25.0	38.2	50.9
10/16/2024	24.2	29.3	25.2	25.6	30.4	23.7	24.4	18.1	30.0	43.7
10/17/2024	27.9	26.8	33.7	28.1	29.9	24.8	27.6	15.5	38.7	42.8
10/18/2024	31.8	29.9	33.1	33.2	35.3	30.1	30.2	14.9	35.4	56.5
10/19/2024	28.2	29.3	32.9	35.0	33.6	29.4	33.5	14.7	36.6	47.7
10/20/2024	29.2	36.3	34.8	39.1	40.8	36.1	34.7	17.0	47.1	51.4
10/21/2024	33.4	36.7	38.2	39.4	36.3	32.8	34.9	17.6	45.8	55.2
10/22/2024	30.3	28.8	37.8	34.4	31.4	28.0	28.5	13.6	36.2	52.5
10/23/2024	36.1	45.0	47.3	44.5	44.8	40.0	42.5	26.5	49.0	60.4
10/24/2024	54.6	59.5	58.8	57.9	60.6	57.9	59.5	53.6	57.9	65.2
10/25/2024	57.6	56.8	62.8	62.8	63.1	61.4	60.0	55.8	61.8	75.0
10/26/2024	60.2	56.5	59.1	58.8	61.3	60.8	60.5	52.7	59.0	63.5
10/27/2024	67.7	57.9	62.5	62.0	65.1	62.9	61.6	54.2	62.4	68.7
10/28/2024		35.5	36.1	34.8	38.1	34.8	31.1	21.4	39.4	50.0
10/29/2024		26.2	28.6	30.3	29.7	26.5	22.4	11.3	35.6	48.5
10/30/2024		12.9	14.4	13.2	16.0	13.0	9.7	3.6	15.0	42.8
10/31/2024		16.1	16.2	16.3	21.3	14.7	12.4	5.1	18.0	35.8

	Before May 6, 2024 µg/m³	Begin May 6, 2024 µg/m³	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix F
Daily Air Quality Index (AQI) Values
November 2024

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
11/1/2024		24.1	21.9	18.2	24.5	17.7	14.8	9.2	21.3	29.4
11/2/2024		23.6	26.1	32.3	26.6	24.0	20.1	12.0	46.3	46.1
11/3/2024		22.8	24.5	21.1	23.5	20.3	19.0	11.2	23.9	34.8
11/4/2024		20.9	21.7	23.4	20.7	18.6	16.7	12.4	26.9	41.4
11/5/2024	17.1	19.1	18.8	18.8	18.5	16.3	17.4	14.4	23.1	42.3
11/6/2024	16.3	17.6	16.2	16.2	16.9	16.3	20.3	16.7	23.2	48.4
11/7/2024	6.5	9.3	10.9	9.5	10.4	9.0	8.3	12.5	13.6	24.6
11/8/2024	24.6	28.8	30.2	25.4	26.1	23.4	24.4	18.4	26.7	29.6
11/9/2024	36.6	40.7	43.5	39.5	41.2	37.4	35.5	29.5	41.1	49.7
11/10/2024	17.9	23.5	22.8	23.1	22.5	20.9	19.5	18.9	30.2	44.5
11/11/2024	28.1	34.5	34.3	33.4	36.8	34.3	36.1	29.9	35.8	37.5
11/12/2024	48.2	54.3	53.5	53.3	53.5	52.6	53.0	46.4	54.2	51.8
11/13/2024	23.1	24.5	28.6	31.8	27.2	23.9	21.9	10.5	34.8	51.7
11/14/2024	11.9	13.5	15.3	14.3	16.5	13.7	13.0	9.8	19.0	35.4
11/15/2024	28.2	33.7	27.9	29.1	33.0	27.5	21.0	16.2	34.8	40.0
11/16/2024	29.6	51.2	53.9	49.4	57.7	50.8	49.4	25.0	51.8	48.8
11/17/2024	53.9	55.1	56.0	56.1	60.0	51.7	50.9	25.8	59.7	54.7
11/18/2024	40.6	50.4	47.9	46.6	53.3	50.7	50.5	30.8	50.5	51.2
11/19/2024	15.6	28.6	36.2	26.2	37.6	33.5	26.3	11.7	30.1	29.8
11/20/2024	34.3	39.1	40.4	38.1	41.5	38.5	42.1	32.3	41.4	35.2
11/21/2024	26.1	24.2	24.0	23.0	26.5	24.8	25.4	19.2	24.9	24.0
11/22/2024	16.7	18.9	18.8	19.0	25.2	21.1	20.2	15.1	20.9	22.7
11/23/2024	26.2	35.2	27.9	27.4	37.8	37.6	34.5	28.4	31.1	34.9
11/24/2024	45.0	63.5	48.9	49.1	57.5	53.6	53.5	42.2	51.2	55.4
11/25/2024	34.7	44.1	41.2	39.8	49.8	46.1	44.3	32.1	42.2	55.5
11/26/2024	23.8	28.2	26.5	27.6	32.8	29.7	31.2	18.9	30.2	37.4
11/27/2024	52.0	55.0	54.4	54.0	56.7	56.4	56.7	54.9	55.1	54.1
11/28/2024	21.0	24.6	21.0	22.4	26.7	26.1	24.9	15.9	24.9	26.2
11/29/2024	14.8	18.6	17.6	18.4	25.8	19.9	15.7	11.1	21.6	25.9
11/30/2024	28.5	35.8	36.2	37.2	49.1	39.0	32.1	21.5	45.7	43.1

	Before May 6, 2024 µg/m³	Begin May 6, 2024 µg/m³	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix F
Daily Air Quality Index (AQI) Values
December 2024

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
12/1/2024	95.7	52.7	87.3	49.2	82.0	51.0	60.9	35.9	53.1	63.1
12/2/2024	46.2	52.0	52.2	49.5	55.2	51.3	52.5	44.2	52.6	52.1
12/3/2024	50.0	55.3	55.0	45.2	56.6	52.8	51.6	46.3	56.2	53.5
12/4/2024	54.5	57.0	59.3	52.2	60.2	51.9	56.1	40.3	58.5	58.7
12/5/2024	49.3	46.1	49.8	47.1	50.7	45.9	49.2	33.6	49.1	50.3
12/6/2024	52.1	49.3	49.7	43.2	47.1	43.0	36.3	35.9	47.4	46.6
12/7/2024	50.7	58.9	55.1	50.7	64.4	55.9	54.6	39.1	55.2	52.5
12/8/2024	53.2	63.1	58.4	56.0	61.8	56.5	58.0	41.5	57.8	56.0
12/9/2024	38.0	43.5	47.5	44.9	49.3	43.8	26.3	29.7	46.8	51.0
12/10/2024		23.1	22.9	23.1	26.1	21.9		13.5	27.3	31.5
12/11/2024	15.5	25.6	23.5	25.0	26.6	26.1	19.0	20.6	27.4	27.7
12/12/2024		40.6	42.8	43.3	48.2	39.5	39.1	26.1	46.3	46.5
12/13/2024		50.7	51.0	50.3	50.3	47.0	41.3	19.5	52.0	53.3
12/14/2024		21.0	25.1	23.7	24.4	20.5	17.9	16.0	52.0	39.6
12/15/2024	22.6	23.1	27.4	26.5	26.0	21.5	18.7	15.9	34.2	48.8
12/16/2024	14.8	42.9	44.4	44.4	35.0	32.1	26.8	17.0	50.8	56.4
12/17/2024	20.5	32.9	31.6	31.8	29.3	26.3	27.6	17.9	34.6	43.0
12/18/2024	21.0	25.0	26.8	28.1	29.2	21.6	20.6	6.3	32.1	37.6
12/19/2024	34.4	38.2	42.0	41.4	44.0	34.6	39.5	39.4	44.9	43.8
12/20/2024	39.9	44.6	47.3	43.6	45.3	39.4	42.1	39.2	45.5	38.3
12/21/2024	26.8	35.6	34.3	33.0	32.8	25.6	22.7	18.8	35.4	38.8
12/22/2024	31.7	38.6	40.9	42.4	37.0	29.4	29.2	17.1	50.2	50.8
12/23/2024	27.5	30.8	33.6	36.8	30.7	23.6	24.0	10.1	43.0	41.0
12/24/2024	35.2	52.1	51.0	48.2	53.1	31.3	16.4	18.5	50.5	49.6
12/25/2024	51.7	53.8	58.0	58.1	55.8	46.4	37.7	28.3	52.1	57.7
12/26/2024	27.7	30.7	34.4	43.7	30.9	24.0		14.9	44.0	56.3
12/27/2024	38.7	43.5	50.5	55.9	42.0	30.1		32.3	51.4	58.1
12/28/2024	22.0	24.5	28.3	27.4	24.3	16.1		19.3	31.4	39.4
12/29/2024	5.7	10.1	8.2	8.3	12.0	8.1		7.3	13.2	23.4
12/30/2024	17.5	24.3	19.4	22.2	29.9	19.7	23.0	10.2	28.7	22.9
12/31/2024	27.2	41.9	41.1	34.4	46.7	45.5	34.1	21.2	38.8	33.5

	Before May 6, 2024 µg/m³	Begin May 6, 2024 µg/m³	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix F
Daily Air Quality Index (AQI) Values
January 2025

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
1/1/2025	17.3	19.9	21.6	22.7	27.6	21.2	20.1	17.8	23.6	20.1
1/2/2025	33.0	38.0	40.7	48.0	50.5	39.7	35.3	29.0	46.7	51.9
1/3/2025	55.3	60.1	61.2	54.5	62.1	58.5	60.6	58.0	52.8	60.2
1/4/2025	28.9	36.8	29.8	31.2	35.4	33.5	35.0	28.1	33.5	23.9
1/5/2025	41.8	56.4	51.1	37.3	54.0	50.6	46.1	32.5	51.0	45.8
1/6/2025	13.3	13.9	13.3	16.9	15.9	13.5	14.3	12.7	17.9	21.8
1/7/2025	32.2	44.5	41.7	39.3	43.9	39.3	33.8	25.1	45.6	38.7
1/8/2025	55.7	60.1	67.6	55.8	64.8	61.4	61.9	66.7	60.8	59.5
1/9/2025	52.3	56.2	60.9	53.3	56.4	51.5	51.3	45.4	54.5	54.5
1/10/2025	55.4	57.4	58.7	54.8	57.7	51.8	52.7	33.6	55.2	54.0
1/11/2025	24.7	29.2	30.8	30.6	31.5	26.0	26.2	27.0	32.4	28.7
1/12/2025	52.8	61.8	59.1	58.6	61.1	58.6	61.5	44.2	59.9	53.1
1/13/2025		57.2	66.4	56.6	59.9	55.2	59.9	57.3	56.1	56.2
1/14/2025	33.4	50.8	50.9	49.4	51.3	45.7	50.2	43.0	51.3	43.0
1/15/2025	50.9	44.9	49.7	37.2	46.4	44.4	50.5	25.2	39.9	45.6
1/16/2025	73.6	71.1	76.6	58.4	69.7	64.5	62.7	58.8	52.2	61.6
1/17/2025	52.0	57.5	55.3	54.4	54.4	51.7	54.0	50.7	54.6	53.5
1/18/2025	52.3	57.9	56.3	54.7	56.4	53.1	54.8	26.9	55.1	54.1
1/19/2025	17.6	21.3	22.0	19.9	20.4	17.6	20.3	17.4	21.9	28.3
1/20/2025	31.0	40.5	44.0	42.4	41.3	34.5	32.7	30.4	41.8	35.3
1/21/2025	39.7	51.4	51.2	50.8	50.8	40.8	38.1	28.0	55.6	49.2
1/22/2025	30.8	37.8	36.7	33.0	35.3	27.8	26.6	30.2	49.8	27.3
1/23/2025	51.3	60.5	57.1	54.6	57.0	52.1	50.6	38.6	57.5	51.6
1/24/2025	56.1	64.8	59.6	56.3	61.4	59.7	63.9	55.4	60.9	55.5
1/25/2025	53.7	72.2	59.7	53.5	63.0	61.6	60.9	50.8	58.2	58.3
1/26/2025	48.7	65.8	53.3	46.4	58.9	59.5	56.6	51.5	54.8	50.6
1/27/2025	51.4	56.9	55.7	53.6	55.6	54.1	55.5	50.7	55.3	56.1
1/28/2025	29.7	35.3	36.2	35.6	37.5	31.2	37.6	32.8	38.9	31.7
1/29/2025	44.1	50.9	52.4	51.1	55.6		44.2	43.7	51.6	51.5
1/30/2025	52.0	54.3	55.0	53.9	55.0			52.3	54.0	56.7
1/31/2025	43.3	51.4	50.9	49.9	51.5	47.5	53.3	45.6	52.3	50.1

	Before May 6, 2024 µg/m³	Begin May 6, 2024 µg/m³	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix F
Daily Air Quality Index (AQI) Values
February 2025

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
2/1/2025	22.3	24.3	24.5	22.8	25.8			18.8	26.6	36.0
2/2/2025	36.8	37.8	34.2	38.0	31.3			20.2	42.7	52.0
2/3/2025	37.7	42.8	44.0	37.4	38.2			7.8	36.8	43.7
2/4/2025	51.2	54.4	54.4	53.3	54.0			37.0	54.1	55.4
2/5/2025	70.6	81.1	87.6	81.5	72.3			66.5	80.2	71.9
2/6/2025	62.3	62.9	65.9	61.2	59.2			51.7	60.0	59.3
2/7/2025	50.5	54.2	54.1	53.2	57.7			52.7	54.2	53.1
2/8/2025	54.1	59.1	58.1	56.6	57.7			57.6	58.7	51.6
2/9/2025	44.1	51.1	50.6	48.4	50.2			41.1	50.9	46.5
2/10/2025	58.1	67.6	65.6	61.9	61.9	59.6		56.2	60.2	61.4
2/11/2025	45.1	52.9	51.9	50.8	48.7	53.6	52.7	44.4	51.3	55.1
2/12/2025	64.2	68.8	74.8	67.3	60.0	38.0	50.8	60.6	53.2	61.1
2/13/2025	19.8	24.3	25.0	24.0	25.0	21.7	26.4	29.3	29.2	36.0
2/14/2025	22.8	25.7	26.3	26.2	27.2	22.6	21.0	16.2	32.0	39.1
2/15/2025	20.4	25.5	25.9	25.9	24.1	20.0	27.5	19.2	32.4	47.2
2/16/2025	9.6	13.2	10.4	12.6	14.1	12.0	14.2	13.4	16.2	23.5
2/17/2025	46.3	53.1	52.2	51.6	57.1	50.9	52.4	42.9	52.9	42.3
2/18/2025	50.7	56.5	53.9	37.7	52.8	50.8	50.2	41.2	51.0	54.1
2/19/2025	23.7	31.2	32.4	30.4	28.3	22.1	20.3	9.6	43.2	43.8
2/20/2025	39.8	44.5	49.3	46.1	47.4	37.8	30.0	39.9	51.3	40.7
2/21/2025	31.0	41.2	39.6	33.2	43.6	34.3	34.6	34.9	45.7	32.0
2/22/2025	35.0	51.7	43.2	36.2	51.3	39.0	34.8	15.2	44.0	51.7
2/23/2025	59.7	71.8	68.2	65.6	67.2	67.4	74.6	61.1	66.3	
2/24/2025	82.2	91.0	92.7	87.9	90.5	77.8		77.6	84.9	76.6
2/25/2025	76.3	101.7	96.0	88.3	92.0	75.2	82.1	70.9	77.1	82.1
2/26/2025	89.4	102.2	112.0	99.4	108.5	85.7	109.0	136.2	83.7	90.0
2/27/2025	76.2	79.2	95.0	62.9	88.4	69.1	84.6	82.3	81.5	83.0
2/28/2025	29.3	32.0	33.9	31.5	33.5	30.1	34.3	23.3	34.3	29.7

	Before May 6, 2024 µg/m³	Begin May 6, 2024 µg/m³	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix F
Daily Air Quality Index (AQI) Values
March 2025

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
3/1/2025	66.6	69.9	73.6	65.0	69.3	65.6	69.2	66.3	68.0	69.4
3/2/2025	38.9	43.3	43.9	41.5	43.7	42.7	34.1	33.6	44.0	38.9
3/3/2025	37.0	36.9	38.4	24.6	34.7	28.0	25.5	15.0	31.8	36.7
3/4/2025	12.5	13.0	14.5	11.9	15.0	10.5	11.0	8.2	15.4	28.3
3/5/2025	17.0	23.2	20.2	21.7	21.0	18.9	21.6	27.4	26.2	50.7
3/6/2025	19.8	21.1	22.9	25.8	27.1	28.0	22.8	18.0	25.9	21.2
3/7/2025	29.9	34.1	34.2	33.8	36.3	31.7	37.6	25.7	37.5	33.3
3/8/2025	54.2	55.3	55.9	54.2	55.7	52.5	53.8	54.4	53.4	57.9
3/9/2025	27.3	31.5	37.3	32.2	33.1	27.6	46.4	18.9	36.6	38.9
3/10/2025	8.7	11.8	12.8	14.3	12.7	8.4		9.4	17.6	20.7
3/11/2025	45.1	34.4	35.2	33.8	40.2	31.6	41.7	22.8	35.5	35.2
3/12/2025	52.6	56.5	55.3	54.9	56.1	52.7		53.6	55.6	57.1
3/13/2025	46.0	51.3	51.1	50.8	52.0	45.6		38.9	51.7	52.3
3/14/2025	52.4	57.4	54.7	52.3	55.2	51.3		50.3	53.9	53.7
3/15/2025	56.7	45.7	51.2	50.8	47.0	34.5		26.8	51.0	44.3
3/16/2025	25.8	32.4	28.6	30.6	29.8	26.9		38.0	35.5	45.8
3/17/2025	23.5	27.4	32.4	31.1	30.5	26.2		23.9	30.3	31.0
3/18/2025	27.2	29.3	29.1	28.2	30.1	26.0		16.8	30.9	25.7
3/19/2025	41.7	45.1	47.5	42.6	48.7	43.2	51.7	40.7	45.2	51.4
3/20/2025	29.5	33.1	34.0	32.8	34.8	30.0		29.6	35.8	39.0
3/21/2025	25.8	27.0	28.5	27.0	30.8	26.1	35.9	20.6	29.2	21.1
3/22/2025	54.5	56.7	56.6	55.0	56.8	53.7		59.6	55.9	54.3
3/23/2025	69.1	61.0	75.8	59.8	73.4	64.6		75.9	61.9	68.5
3/24/2025	26.1	30.3	31.0	34.5	32.2	27.9		23.1	36.7	41.2
3/25/2025	36.8	41.3	42.5	37.7	52.1	35.5	32.2	32.0	38.9	32.4
3/26/2025	40.6	42.7	49.0	43.6	44.4	37.5	46.2	28.6	44.4	50.2
3/27/2025	34.2	36.6	41.1	37.6	37.4	34.4	32.9	21.6	43.8	51.4
3/28/2025	33.5	34.8	50.7	36.7	33.3	28.6	29.1	18.1	36.6	53.1
3/29/2025	29.8	22.4	21.9	20.5	23.8		21.4	14.7	25.1	32.9
3/30/2025	20.2	15.8	16.0	16.8	17.2			13.5	22.5	30.5
3/31/2025	22.1	22.7	22.7	23.3	23.6			21.3	20.8	26.3

	Before May 6, 2024 µg/m³	Begin May 6, 2024 µg/m³	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix F
Daily Air Quality Index (AQI) Values
April 2025

	Garden City	Carver Village	Woodville	DNR Site	West Savannah	Brickyard	Ocean Terminal	Cockspur Island	Hudson Hill	DNR FEM PM2.5
4/1/2025	42.1	42.4	47.8	51.3	52.7	42.0	50.9	52.7	59.9	41.2
4/2/2025	44.5	42.2	46.8	46.1	44.4	27.6	46.0	32.5	58.4	41.5
4/3/2025	20.5	21.9	20.7	20.4	22.6	16.8	23.3	20.4	50.0	47.3
4/4/2025	19.8	22.4	21.2	20.7	21.8	17.5	24.0	18.6	49.3	47.6
4/5/2025	17.9	20.8	18.9	19.8	22.3	17.3	23.3	16.5	46.7	37.3
4/6/2025	20.2	24.2	21.6	22.9	24.3	19.9		20.1	50.1	38.8
4/7/2025	24.1	29.5	29.4	27.7	30.1	24.4	36.2	32.0	52.4	42.7
4/8/2025	9.7	21.6	22.1	24.2	18.3	13.4			46.5	28.8
4/9/2025										
4/10/2025										
4/11/2025										
4/12/2025										
4/13/2025										
4/14/2025										
4/15/2025										
4/16/2025										
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4/25/2025										
4/26/2025										
4/27/2025										
4/28/2025										
4/29/2025										
4/30/2025										

Community monitoring program ended on April 7-8, 20

	Before May 6, 2024 µg/m³	Begin May 6, 2024 µg/m³	AQI Value
Good	0.0	0.0	0.0
	12.0	9.0	50.5
Moderate	12.1	9.1	50.5
	35.4	35.4	100.5
For Sensitive	35.5	35.5	100.5
	55.4	55.4	150.5
Unhealthy	55.5	55.5	150.5
	150.4	150.4	200.5
Very Unhealthy	150.5	150.5	200.5
	250.4	250.4	300.5
Hazardous	250.5	250.5	300.5

Appendix G

Air Quality Tracker

Date	PA - Green or Yellow	AQI values	DNR Site (AQI)	Reason?
7/30/2024	Green	30s		
7/31/2024	Yellow	50s	Green - AQI value upper 20s.	Reading higher than DNR site. All raw PM2.5 Purple Airs are 12-13, while DNR is 8 ug/m3.
8/1/2024	Yellow	40s	Green - AQI value upper 20s.	Reading higher than DNR site. All raw PM2.5 Purple Airs are 12-13, while DNR is 6-7 ug/m3.
8/15/2024	Yellow and Orange	50s and 70s	Green and in 30s	Reading higher than DNR site, but potential smoke from Pacific NW fires moving to the east coast.
8/16/2024	Mostly orange	60s and 70s	Green, low 40s	Reading higher than DNR site, but potential smoke from Pacific NW moving east and Eastern Canada fires moving south
8/21/2024	Green and Yellow	30s and 40s	Green, 30s	Reading higher than DNR site, potential smoke from significant fires over Western half, scattered fires in S/SE
8/23/2024	Green and Yellow	30s, 40s, 50s	Green, 30s	Reading higher than DNR site, potential smoke from significant fires over Western half, scattered fires in S/SE
8/27/2024	Green and Yellow	20s to 50s	Green, 20s	Reading higher than DNR site, potential smoke from significant fires over Western half, scattered fires in S/SE
8/28/2024	Green	20s	Green, 20s	Potential smoke from significant fires over Western half, scattered fires in S/SE
9/5/2024	Green and Yellow	20s to 40s	Green, 30s	Average readings in line with DNR site, potential smoke from significant fires over Western half
9/10/2024	Green	20s and 30s	Green, 20s	Values effectively equal, Map shows sensors in path of NW fires smoke plumes but readings indicate minimal effect
9/11/2024	Green	20s and 30s	Green, 20s	Values effectively equal, Map shows sensors in path of NW and SE fires smoke plumes but readings indicate minimal effect
9/12/2024	Green and Yellow	20s to 40s	Green, high 20s and 30s	Values effectively equal, potential smoke from significant fires over W and scattered fires over SE.
9/13/2024	Yellow	High 30s to 50s	Green, 20s-40s	Reading higher than DNR site, potential smoke from significant fires over W and scattered fires over SE.
9/16/2024	Green	20s	Green, 20s and 30s	AQI values slightly higher. Area unaffected by NW fires.
9/17/2024	Green	20s	Green, 20s	Values effectively equal, area unaffected by NW fires.
9/30/2024	Yellow	50s	Green, 20s	Large discrepancy - higher readings potentially due to hurricane, though no fire/smoke plumes in area.
10/1/2024	Orange	High 80s, 90s	Green, 8	Large discrepancy - higher readings potentially due to hurricane, though no fire/smoke plumes in area.
10/2/2024	Yellow	60s	Yellow, 57	Higher readings potentially due to hurricane, though no fire/smoke plumes in area.
10/4/2024	Green	10s	Green, 10s, 20s	Reading higher than DNR site, no smoke/fire plumes in area.
10/7/2024	Yellow	50s, low 60s	Inconsistent readings: 24 (green) & 58 (yellow)	Readings mostly higher than DNR site, just at the edge of smoke plume area from severe NW and scattered TX & OK fires.
10/8/2024	Yellow/orange	High 60s to High 70s	Inconsistent readings: 17 (green) & 59 (yellow)	Readings higher than DNR site, potential smoke from severe NW and scattered TX & OK fires.
10/9/2024	Yellow	40s and 50s	Inconsistent readings: 25 (green) & 58 (yellow)	Readings mostly higher than DNR site, outside of smoke plume area from severe NW and scattered TX & OK fires.
10/10/2024	Green	20s	Green, 30s	Readings lower than DNR site, outside of smoke plume are from severe NW and scattered TX and OK fires.
10/11/2024	Green	10s	Green, 20s	Readings lower than DNR site, outside of smoke plume are from severe NW and scattered TX and OK fires.
10/14/2024	Yellow/orange	High 60s to High 70s	Green, 30s & 40s	Readings mostly higher than DNR site, potentially affected by smoke from severe NW and scattered TX & OK fires.
10/15/2024	Green - Orange	30s through 70s	Green, 30s	Readings mostly higher than DNR site, potentially affected by smoke from severe NW fires, scattered TX & OK fires, and unconfirmed SE fires.
10/16/2024	Green	10s	Green, 20s & 30s	Readings lower than DNR site, potentially affected by smoke from severe NW fires, scattered TX & OK fires, and unconfirmed SE fires.
10/17/2024	Green/Yellow	20s to 50s	Inconsistent readings: 9 (green) & 57 (yellow)	Readings within wide range of DNR site, potentially affected by smoke from severe NW fires, scattered TX, OK, & MS fires.
10/18/2024	Green/Yellow	10s to 40s	Inconsistent readings: 13(green) & 53 (yellow)	Readings within wide range of DNR site, appears to be outside of plume area of for smoke from severe NW fires, scattered TX, OK, & MS fires.
10/21/2024	Green/Yellow	30s and 40s	Inconsistent readings: 15 &47 (green)	Readings within wide range of DNR site, appears to be outside of plume area of for smoke from severe NW fires, scattered TX, OK, & MS fires.
10/22/2024	Green	10s and 20s	Green, 30s	Readings in line with DNR site, appears to be outside of plume area of for smoke from severe NW fires, scattered TX, OK, & MS fires.
10/23/2024	Yellow	50s	Inconsistent readings: 31(green) & 62 (yellow)	Readings within wide range of DNR site, appears to be just outside of plume area of for smoke from severe NW fires, scattered TX, OK, & MS fires.
10/24/2024	Orange	70s to 90s	Inconsistent readings: 9(green) & 51 (yellow)	Readings higher than DNR site, appears to be just outside of plume area of for smoke from severe NW fires, scattered TX, OK, & MS fires**. Lexie reported strong paper odor in area in area and high readings from personal monitors.**
10/25/2024	Orange	60s to 70s	Inconsistent readings: 30(green) & 73 (yellow)	Readings within wide range of DNR site, potentially affected by smoke from severe NW fires, scattered TX, OK, & MS fires.
10/28/2024	Yellow	50s	Inconsistent readings: 21(green) & 52 (yellow)	Readings in line with higher DNR site reading, potentially affected by smoke from severe NW fires, scattered TX, OK, & MS fires. Local wind from NE.
10/31/2024	Green	0-10	Green, 20s	Readings lower than DNR site. Appears to be out of area affected by smoke from severe NW fires, scattered TX, OK, & MS fires. Light winds from E.
11/1/2024	Green	0-20	Green, 20s	Readings lower than DNR site. Appears to be out of area affected by smoke from severe NW fires, scattered TX fires. Light winds from E.
11/4/2024	Green & Yellow	20s to 40s	Green, 2 & 29	Readings mostly higher than DNR site. Appears to be out of area affected by smoke from severe NW fires, scattered TX fires. Light winds from E.
11/5/2024	Green	10s	Green, 1 & 27	Readings within range of DNR site. Appears to be out of area affected by smoke from severe NW fires, scattered TX fires. Light winds from E.
11/6/2024	Green	20s	Green, 1 & 31	Readings within range of DNR site. Appears to be out of area affected by smoke from severe NW fires, scattered OK fires. Light winds from SE.
11/7/2024	Green	0 to 30	Green, 1 & 27	Readings within range of DNR site. Appears to be out of area affected by smoke from severe NW fires, scattered OK fires, concentrated fires around KY WV border. Light winds from SE.
11/8/2024	Yellow	30s to 50s	Green, 1 & 19	Readings higher than range of DNR site. Appears to be out of area affected by smoke from severe NW fires, scattered OK fires, concentrated fires around KY WV border. Light winds from SE.
11/11/2024	Yellow	30s and 40s	Green, 2 & 27	Readings higher than range of DNR site. Appears to be out of area affected by smoke from scattered NW fires, scattered OK fires, concentrated fires around KY WV border. Light winds from NW.

Date	PA - Green or Yellow	AQI values	DNR Site (AQI)	Reason?
11/13/2024	Green	10s and 20s	Green, 1 & 41	Readings within range of DNR site. Appears to be out of area affected by smoke from scattered NW and NE fires, scattered OK fires, concentrated fires around KY WV border.
11/14/2024	Green	0 to 20	Green, 2 & 27	Readings within range of DNR site. Appears to be out of area affected by smoke from scattered NW and NE fires, scattered OK fires, concentrated fires around KY WV border. Light winds from NW.
11/15/2024	Green	20s to 30s	Green, 1 & 20	Readings slightly higher than DNR site. Appears to be out of area affected by smoke from scattered NW and NE fires, scattered OK fires, concentrated fires around KY WV border. Light winds from N.
11/18/2024	Yellow	40s and 50s	Green, 2 & 43	Readings slightly higher than DNR site. Appears to be out of area affected by smoke from scattered NW and NE fires, scattered OK fires, concentrated fires around KY WV border. Light winds from S.
11/19/2024	Green	Mostly low 20s	Green, 1 & 26	Readings within range of DNR site. Appears to be out of area affected by smoke from scattered NW and NE fires, scattered OK fires, scattered fires around KY WV border. Light winds from S.
11/20/2024	Yellow	40s and 50s	Green, 1 & 19	Readings higher than DNR site. Appears to be out of area affected by smoke from scattered NW and NE fires, scattered OK fires, scattered fires around KY WV border. Moderate winds from W.
11/21/2024	Green	0 to 10	Green, 2 & 21	Readings within range of DNR site. Appears to be out of area affected by smoke from scattered NW and NE fires, scattered OK fires, scattered WV fires. Moderate winds from W.
11/22/2024	Green	0 to 10	Green, 1 & 19	Readings within range of DNR site. Appears to be out of area affected by smoke from scattered NW and NE fires, scattered OK fires, scattered WV fires. Moderate winds from W.
11/23/2024	Yellow	50s	Green, 2 & 48	Readings higher than DNR site. Appears to be out of area affected by smoke from scattered NW and NE fires, scattered OK fires, scattered fires around KY WV border. Several unconfirmed fires in SW. Moderate winds from W.
11/25/2024	Yellow	30s and 40s	Green, 2 & 31	Readings higher than DNR site. Appears to be out of area affected by smoke from scattered NW and NE fires, scattered OK fires, scattered fires around KY WV border. Light winds from W.
11/26/2024	Yellow	50s	Green, 2 & 49	Readings higher than DNR site. Appears to be out of area affected by smoke from scattered NW and NE fires, scattered OK fires, scattered fires around KY WV border. Light winds from W.
11/27/2024	Orange	90s	Green, 2 & 30	Readings significantly higher than DNR site. Appears to be out of area affected by smoke from scattered NW and NE fires, scattered OK fires, scattered fires around KY WV border. Scattered unconfirmed SE fires. Light winds from S.
12/2/2024	Green	20s to 30s	Green, 38 & 3	Readings within range of DNR site. Appears to be out of area affected by smoke from light fire activity in SW, NW, and NE. Scattered unconfirmed SE fires. Light winds from W.
12/3/2024	Green	20s to 30s	Green, 44 & 1	Readings within range of DNR site. Appears to be out of area affected by smoke from light fire activity, NW and NE, heavy unconfirmed fires in SE. Light winds from N.
12/4/2024	Yellow	50s	Yellow, 55	Readings mostly within range of DNR site. Potentially affected by smoke from fire activity. Little concentrated confirmed fire activity, heavy unconfirmed fires in SE. Light winds from SW.
12/5/2024	Green & Yellow	Mostly 20s-30s, GC in 50s	Green, 1 & 33	Readings mostly within range of DNR site. Appears to be out of range of smoke plumes from fire activity. Little concentrated confirmed fire activity, heavy unconfirmed fires in SE. Moderate winds from W.
12/6/2024	Green	20s to 30s	Green, 1 & 32	Readings within range of DNR site. Appears to be out of range of smoke plumes from fire activity. Little concentrated confirmed fire activity, heavy unconfirmed fires in SE. Light winds from N.
12/9/2024	Yellow	30s and 40s	Green 1, Yellow 52	Readings within range of DNR site. Appears to be out of range of smoke plumes from light concentrated confirmed fire activity across country. Light winds from S.
12/11/2024	Green	10s and 20s	Green, 1 & 22	Readings within range of DNR site. Appears to be out of range of smoke plumes from light concentrated confirmed fire activity across country. Moderate winds from W.
12/12/2024	Yellow	40s	Green, 1 & 18	Readings higher than DNR site. Appears to be out of range of smoke plumes from light concentrated confirmed fire activity across country. Light winds from S.
12/16/2024	Green	10s and 20s	Green 2, Yellow 52	Readings within lower range of DNR site. Appears to be out of range of smoke plumes from light fire activity in TX, WV. Light winds from E.
12/17/2024	Green	20s to 30s	Green, 1 & 36	Readings within lower range of DNR site. Appears to be out of range of smoke plumes from light fire activity in TX, WV. Light winds from E.
12/18/2024	Green	20s to 30s	Green, 1 & 26	Readings higher than DNR site. Appears to be out of range of smoke plumes from light fire activity in TX, WV, CA. Light winds from S.
12/19/2024	Green	20s to 30s	Green, 1 & 33	Readings within range of DNR site. Appears to be out of range of smoke plumes from light fire activity in TX, WV, CA. Light winds from S.
12/20/2024	Green	20s	Green, 1 & 32	Readings higher than DNR site. Appears to be out of range of smoke plumes from light fire activity in TX, WV, CA. Light winds from S.
12/26/2024	Green	10s	Green, 21	Readings within range of DNR site.
1/6/2025	Green	10s	Green, 17	Readings within range of DNR site. Little fire activity across USA. Moderate winds from NW.
1/7/2025	Green	10s	Green, 19	Readings within range of DNR site. Little fire activity across USA. Light winds from N.
1/8/2025	Yellow	50s	Green, 48	Readings slightly higher than DNR site. Out of range of smoke plumes from concentrated fires in southern CA. Light winds from W.
1/9/2025	Yellow	30s to 40s	Green, 39	Readings in range of DNR site. Appears out of range of smoke plumes from concentrated fires in southern CA. Some unconfirmed fire activity in SE Light winds from N.
1/10/2025	Green	30s	Yellow, 54	Readings below DNR site. Appears out of range of smoke plumes from concentrated fires in southern CA. Some unconfirmed fire activity in SE. Moderate winds, direction variable throughout day.
1/13/2025	Yellow	50s	Yellow, 54	Readings in line with DNR site. Appears out of range of smoke plumes from concentrated fires in southern CA, light fires southern FL. Light winds from W.
1/14/2025	Yellow	30s	Green, 31	Readings in line with DNR site. Appears out of range of smoke plumes from concentrated fires in southern CA, moderate fires northern CA, eastern TX. Light winds from W.

Date	PA - Green or Yellow	AQI values	DNR Site (AQI)	Reason?
1/15/2025	Green	10s and 20s	Green, 32	Readings lower than DNR site. Appears out of range of smoke plumes from concentrated fires in southern CA, moderate fires northern CA, eastern TX Heavy unconfirmed fires in SE. Light winds from W.
1/16/2025	Orange	70s	Green, 60	Readings slightly higher than DNR site. Appears to be out of range of smoke plumes from concentrated Southern CA and scattered NW, SE fires. Moderate winds from W.
1/17/2025	Green	20s	Green, 37	Readings lower than DNR site. Appears out of range of smoke plumes from fires in CA. Heavy unconfirmed fires in SE. Light scattered winds.
1/20/2025	Green	10s	Green, 32	Readings lower than DNR site. Appears out of range of smoke plumes from fires in CA, scattered S fires. Light scattered winds.
1/21/2025	Yellow	30s to 40s	Green, 33	Readings within range of DNR site. Appears out of range of smoke plumes from fires in CA, scattered S fires. Moderate winds from N.
1/22/2025	Green	10s	Green, 27	Readings slightly below DNR site. Appears out of range of smoke plumes from fires in CA, TX. Moderate winds from N.
1/23/2025	Orange	60s to 80s	Green, 5	Readings significantly higher than DNR site. Appears to be out of area affected by smoke from southern CA fires, scattered unconfirmed SE fires. Light winds from N.
1/24/2025	Orange	60s to 70s	Green, 46	Readings notably higher than DNR site. Appears to be out of area affected by smoke from southern CA fires, scattered unconfirmed SE fires. Light winds from W.
1/27/2025	Yellow	30s to 40s	Green, 38	Readings within range of DNR site. Appears to be out of area affected by smoke from southern CA fires, scattered unconfirmed SE fires. Light winds from W.
1/28/2025	Yellow	30s to 50s	Green, 32	Readings within range of DNR site. Appears to be out of area affected by smoke from southern CA fires, scattered TX, OK fires. Light winds from W.
1/29/2025	Yellow	30s to 50s	Green, 31	Readings within lower range of DNR site. Appears to be out of area affected by smoke from southern CA fires, scattered TX, OK fires. Light winds from W.
1/30/2025	Yellow	30s to 50s	Green, 38	Readings within range of DNR site. Appears to be out of area affected by smoke from southern CA fires, scattered TX, OK fires. Light winds from W.
1/31/2025	Yellow	30s to 50s	Green, 32	Readings within lower range of DNR site. Appears to be out of area affected by smoke from southern CA fires, scattered TX, OK fires. Light winds from W.
2/3/2025	Yellow	40s to 50s	Green, 35	Readings lower than DNR site. Appears to be out of area affected by smoke from southern CA fires, scattered TX, OK, southeast fires. Heavy unconfirmed SE fires. Light winds from W.
2/4/2025	Yellow	40s to 50s	Green, 33	Readings lower than DNR site. Appears to be out of area affected by smoke from southern CA fires, scattered TX, OK, southeast fires. Heavy unconfirmed SE fires. Light winds from W.
2/5/2025	Yellow	60s	Yellow, 68	Readings within range of DNR site. Appears to be near but out of area affected by smoke from southern CA fires, scattered TX, OK, southeast fires. Heavy unconfirmed SE fires. Light winds from S.
2/6/2025	Green	30s	Green, 31	Readings within range of DNR site. Appears to be near but out of area affected by smoke from heavy TX fires, unconfirmed heavy SE fires. CA fires, scattered OK, southeast fires also present. Light winds from SE.
2/7/2025	Green	20s-30s	Green, 42	Readings below range of DNR site. Appears to be near but out of area affected by smoke from heavy TX fires, unconfirmed heavy SE fires. CA fires, scattered OK, southeast fires also present. Light winds from SE.
2/11/2025	Yellow	50s to 60s	Green, 50	Readings slightly higher than DNR site. Appears to be out of range of scattered TX, southeast fires. Light winds from W.
2/12/2025	Green	20s-30s	Green, 52	Readings lower than DNR site. Around edge of smoke plumes from moderate southeast fires. Moderate winds from S.
2/13/2025	Green	10s	Green, 28	Readings lower than DNR site. Appears to be out of range of smoke plumes from moderate southeast fires. Moderate winds from N.
2/14/2025	Green	10s	Green, 27	Readings lower than DNR site. Appears to be out of range of smoke plumes from moderate TX, southeast fires. Moderate winds from W.
2/17/2025	Yellow	50s	Green, 21	Readings higher than DNR site. Appears to be out of range of smoke plumes from moderate TX, southeast fires. Very light variable winds.
2/18/2025	Yellow	40s-50s	Green, 28	Readings higher than DNR site. Appears to be out of range of smoke plumes from moderate TX, southeast fires, light SW fires. Light winds from N.
2/19/2025	Yellow	40s-50s	Green, 31	Readings higher than DNR site. Appears to be out of range of smoke plumes from moderate TX, southeast fires, light SW fires. Moderate winds from N.
2/20/2025	Yellow	30s-40s	Green, 36	Readings higher than DNR site. Appears to be out of range of smoke plumes from moderate TX, southeast fires, light SW fires. Light winds from E.
2/21/2025	Yellow	40s	Green, 42	Readings within range of DNR site. Appears to be out of range of smoke plumes from moderate TX, southeast fires, light SW fires. Light winds from S.
2/24/2025	Yellow	30s-50s	Green, 43	Readings within range of DNR site. Appears to close to range of smoke plumes from moderate TX, southeast fires, light SW fires. Moderate winds from S.
2/25/2025	Orange	70s	Yellow, 79	Readings within range of DNR site. Appears to be in range of smoke plumes from FL, AL, GA fires. Additional heavy fires in TX, OK, AR. Moderate winds from W.
2/26/2025	Orange	90s	Yellow, 95	Readings within range of DNR site. Appears to be in range of smoke plumes from FL, AL, GA fires. Additional heavy fires in TX, OK, AR. Moderate Winds from S.
2/27/2025	Orange	90s to 110s	Yellow, 82	Readings within range of DNR site. Appears to be in range of smoke plumes from FL, AL, GA, MS fires. Additional heavy fires in TX, OK, AR. Moderate Winds from W.
2/28/2025	Green	10s	Green, 33	Readings below range of DNR site. Appears to be out of range of smoke plumes from severe FL, AL, GA, MS, TX, OK, AR. Moderate winds from W.
3/3/2025	Green	20s	Green, 21	Readings within range of DNR site. Appears to be out of range of smoke plumes from severe FL, AL, GA, MS, TX, OK, AR. Moderate Winds from S.
3/4/2025	Green	20s-30s	Green 39	Readings below range of DNR site. Appears to be out of range of smoke plumes from severe FL, AL, GA, MS, TX, OK, AR. Moderate winds from W.
3/5/2025	Green	40s	Green, 31	Readings above range of DNR site. Appears to be out of range of smoke plumes from severe FL, AL, GA, MS, TX, OK, AR. Moderate Winds from S.
3/6/2025	Green	30s	Green, 28	Readings above range of DNR site. Appears to be out of range of smoke plumes from severe FL, AL, GA, MS, TX, OK, AR. Moderate Winds from N.
3/7/2025	Green	10s	Green, 8	Readings slightly above range of DNR site. Appears to be out of range of smoke plumes from severe FL, AL, GA, MS, TX, OK, AR. Moderate Winds from W.
3/10/2025	Green	20s-30s	Green, 29	Readings within range of DNR site. Appears to be out of range of smoke plumes from severe fires across entire SE. Moderate wind from W.

Date	PA - Green or Yellow	AQI values	DNR Site (AQI)	Reason?
3/11/2025	Green	20s-30s	Green, 31	Readings within range of DNR site. Appears to be out of range of smoke plumes from severe fires across entire SE. Moderate wind from W.
3/12/2025	Orange	70s	Green, 44	Readings below range of DNR site. Appears to be out of range of smoke plumes from severe fires across entire SE. Moderate wind from S.
3/13/2025	Yellow	50s	Green, 45	Readings below range of DNR site. Appears to be out of range of smoke plumes from severe fires across entire SE. Moderate wind from W.
3/17/2025	Green	30s-40s	Green, 37	Readings within range of DNR site. Appears to be out of range of smoke plumes from severe fires across entire SE. Moderate wind from S.
3/18/2025	Green	30s	Green, 36	Readings within range of DNR site. Appears to be out of range of smoke plumes from heavy fires across entire SE. Moderate wind from S.
3/19/2025	Green	30s	Green, 19	Readings below range of DNR site. Appears to be out of range of smoke plumes from moderate fires across entire SE. Moderate wind from N.
3/20/2025	Green	10s	Green, 8	Readings within range of DNR site. Appears to be out of range of smoke plumes from moderate fires across entire SE. Moderate wind from N.
3/21/2025	Green	20s-30s	Green, 31	Readings within range of DNR site. Appears to be out of range of smoke plumes from moderate fires across entire SE, Midwest. Moderate wind from S.
3/24/2025	Green	20s	Green, 35 & 35	Readings within range of DNR site. Appears to be out of range of smoke plumes from moderate fires across entire SE, severe fires across Midwest. Moderate wind from W.
3/25/2025	Green	20s	Green, 24 & 26	Readings within range of DNR site. Appears to be out of range of smoke plumes from moderate fires across entire SE, severe fires across Midwest. Moderate wind from W.
3/26/2025	Yellow	50s	Green, 34 & 40	Readings below range of DNR site. Appears to be barely out of range of smoke plumes from moderate fires across entire SE, severe fires across Midwest. Moderate wind from N.

Appendix H

USEPA Letter to GPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

May 17, 2023

Griff Lynch
Executive Director
Georgia Ports Authority
P.O. Box 2406
Savannah, Georgia 31402

Re: The U.S. Environmental Protection Agency Consultation with Georgia Ports Authority on an Air Monitoring Study Post Completion of the Savannah Harbor Expansion Project

Dear Mr. Lynch:

On April 20, 2023, the U.S. Environmental Protection Agency had a productive meeting with representatives from the Georgia Ports Authority (GPA) and Georgia Environmental Protection Division (EPD). As was discussed in the meeting, with completion of the Savannah Harbor Expansion Project (SHEP) and its service of post-Panamax ships in normal operations, the EPA stands ready to assist the GPA in its efforts to reduce the environmental impact of its operations and to ensure vulnerable populations in surrounding communities have equal protection from environmental health hazards. To that end, and in reference to the GPA's July 10, 2012, commitment letter to the EPA, the EPA will, in cooperation with the EPD, continue consul with the GPA on its one-year post-SHEP ambient air monitoring study to evaluate emissions impacts on surrounding communities.

Section 109(b)(9) of the Water Resources Development Act of 1999 (WRDA) authorized SHEP and expanded the EPA's role in U.S. Army Corps of Engineers (USACE) Civil Works projects. To that point, the EPA's role in such projects was defined under section 102(2)(C) of the National Environmental Policy Act (NEPA) and section 309 of the Clean Air Act. To ensure the proposed project would be environmentally sustainable and that environmental impacts associated with the project would be adequately mitigated, section 109(b)(9)(ii) of WRDA provided the EPA approval authority of the project. In serving as a cooperating agency under NEPA in the preparation of the 2012 SHEP Final Environmental Impact Statement and by providing its project approval, the EPA identified the GPA's performance of the air monitoring study as a project component relevant to SHEP's compliance with Executive Order (EO)12898, *Federal Actions to Address Environmental Justice in Minority Populations and Low Income Populations*, dated February 11, 1994. In his August 17, 2012, report to Congress on SHEP, the USACE Chief of Engineers explained that SHEP complied with EO 12898 by referencing the GPA's July 10, 2012, commitment of conducting an air monitoring study in consultation with the EPA and the EPD and establishing a community advisory group with the EPA's assistance. Although the USACE noted that funding for these GPA efforts was not included in the project costs, it committed to providing technical assistance to the community to help explain scientific data or findings related to ongoing port activities and studies as such federal technical assistance was included in the estimated project costs.

To assist the GPA in meeting the requirements of EO 12898 and its July 2012 commitment to the EPA, the EPA provides the following input and recommendations for development and implementation of the air study:

- To evaluate any potential air quality impacts resulting from the change in vessel traffic at the terminal, the GPA should collect and analyze data from sensors designed to measure particulate matter in the air.
- The study should focus on emissions related to vessels visiting the terminal and any air quality impacts at certain sites to be monitored including the Savannah River and three nearby communities including Garden City, Woodville, and West Savannah (collectively, the "Communities").
- Study Details: The GPA should develop a quality assurance project plan (QAPP) prior to sensor deployment to ensure that all data are collected and analyzed to meet the project purpose and requirements during the specified study period and provide the EPA with an opportunity to review the QAPP prior to the start of the study.
    - Particulate Matter: The study should measure and monitor particulate matter with diameters up to 2.5 micrometers, and black carbon (the light absorbing component of particulate matter).
    - Sensors and Monitoring Sites: The Hudson Hill community in Chatham County, Georgia, currently monitors particulate matter in real time using a sensor made by PurpleAir. The sensor provides continuous data to the PurpleAir website. The GPA should offer to re-calibrate the sensor to provide consistency with the study's QAPP. The GPA should install similar sensors near each of the communities in locations that have access to the requisite electricity and wireless service and upload available data to a website, as follows:

        Garden City:
        - One (1) particulate matter sensor
        - One (1) black carbon sensor

        Woodville:
        - One (1) particulate matter sensor

        West Savannah:
        - One (1) particulate matter sensor

    - In addition to conducting air monitoring in the three communities identified above, the GPA should install sensors at the following locations to measure emissions near the Savannah River:

        The Savannah Pilot's Association building located on Cockspur Island which is the approximate midway point of the shipping channel:
        - One (1) particulate matter sensor; and
        - One (1) black carbon sensor.

        A second redundant location representative of air within the shipping channel:
        - One (1) particulate matter sensor
        - One (1) black carbon sensor

        A final sensor should be co-located with an existing EPD ambient monitoring site located at the intersection of West Lathrop Avenue and Augusta Avenue in Savannah, for purposes of quality control:
        - One (1) particulate matter sensor

The data collected by the sensor at the quality control site will allow the GPA to cross-reference data collected from the community sites to resolve any anomalies that may arise.

- Study Period: Following the installation of all sensors, the Study should commence no later than December 31, 2023, by the GPA, and continue for at least twelve (12) months thereafter.
- Final Report: Within sixty (60) days after the study has been completed, the GPA, or its consultant, should deliver to the EPA a final report which includes an analysis of any potential air quality impacts on the communities being monitored based on data collected by sensors during study period. To continue its record of good environmental stewardship, the GPA should also distribute the final report to the public for community awareness and to facilitate the GPA's ongoing dialogue and coordination with surrounding communities to assess and address the findings.

Further, the EPA welcomes the USACE's cooperation in providing technical assistance to the community to help address findings related to ongoing port activities and studies. For technical questions, please contact Katy R. Lusky at (404) 562-9130 or lusky.kathleen@epa.gov.

Sincerely,

Caroline Y. Freeman
Director
Air and Radiation Division

cc: Mr. Richard E. Dunn; GEPD (richard.dunn@dnr.ga.gov)

Col. Joseph R. Geary; UASCE (Joseph.R.Geary@usace.army.mil)



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