



Jefferson County, WV Ambient Air Quality Monitoring Report

July 1, 2022 – September 30, 2022

27 October 2022

Project No.: 0500750

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Acronyms and Abbreviations

Name	Description
µg/m ³	Microgram per cubic meter—units of mass concentration
AQI	Air Quality Index
CFR	Code of Federal Regulations
CH ₂ O	Formaldehyde
ERM	Environmental Resources Management, Inc.
FEM	Federal Equivalent Method
FRM	Federal Reference Method
GPT	Gas Phase Titration
ID	Invalid Day (fewer than 18 hours of valid data)
NAAQS	National Ambient Air Quality Standards
NO ₂	Nitrogen Dioxide
NJES	North Jefferson Elementary School
PEP	Performance Evaluation Program
PM _{2.5}	Particulate Matter of 2.5 microns in size
ppb	Parts Per Billion (volume)
QAPP	Quality Assurance Project Plan
SAAC	Significant Ambient Air Concentration
SO ₂	Sulfur Dioxide
TALES	TA Lowery Elementary School
TTP	Through The Probe
US EPA	United States Environmental Protection Agency
USG	Unhealthy for Sensitive Groups (for AQI purposes)
VADEQ	Virginia Department of Environmental Quality
WHO	World Health Organization
WVDEP	West Virginia Department of Environmental Protection
WVDAQ	West Virginia Division of Air Quality
ZS	Data Invalid Due to Zero/Span Calibration

1. EXECUTIVE SUMMARY

Environmental Resources Management, Inc. (ERM) is conducting an ambient air quality and meteorological monitoring program on behalf of ROCKWOOL in Jefferson County, West Virginia. Monitoring for ambient air quality is being performed on the properties of North Jefferson Elementary School (NJES) and TA Lowery Elementary School (TALES). Meteorological monitoring is being performed on ROCKWOOL’s property.

Currently, ambient concentrations of fine particulate matter with aerodynamic diameters of less than 2.5 micrometers (PM_{2.5}), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), and formaldehyde (CH₂O) are being monitored at each school. This report summarizes the monitoring results for the third monitoring quarter of 2022, from July 1, 2022 through September 30, 2022. Measured air pollutant levels were the result of local and distant background emission sources – including production emissions, motor vehicle emissions, biogenic emissions, and windborne dust from agricultural activities. The ROCKWOOL facility began operating on May 22, 2021. This period represents operational air quality conditions.

Figures 1 and 2 illustrate the Air Quality Index (AQI) distribution for each pollutant at the NJES and TALES sites, respectively. All CH₂O, NO₂, and SO₂ concentrations measured for were rated “Good” during this reporting period for both sites.

At NJES, measured values for PM_{2.5} were rated “Good” for 93% of the reporting days and “Moderate” for 7% of the reporting period. Of the 6 “Moderate” category days for PM_{2.5}, no days had an AQI value greater than 75. The maximum measured AQI of these “Moderate” days was 66. This day (July 3) was likely influenced by local firework usage resulting in a buildup of nighttime PM_{2.5}.

At TALES, PM_{2.5} measurements were rated “Good” for 95% of the days, and the remaining 5% of the days were rated “Moderate” for the reporting period. Of the 5 “Moderate” category days, no days had AQI values greater than 75. The maximum measured AQI of these “Moderate” days was 56. This day (July 22) was influenced by regional accumulation of PM_{2.5} as illustrated by the images retrieved from U.S. EPA’s AirNow archive in Appendix D.

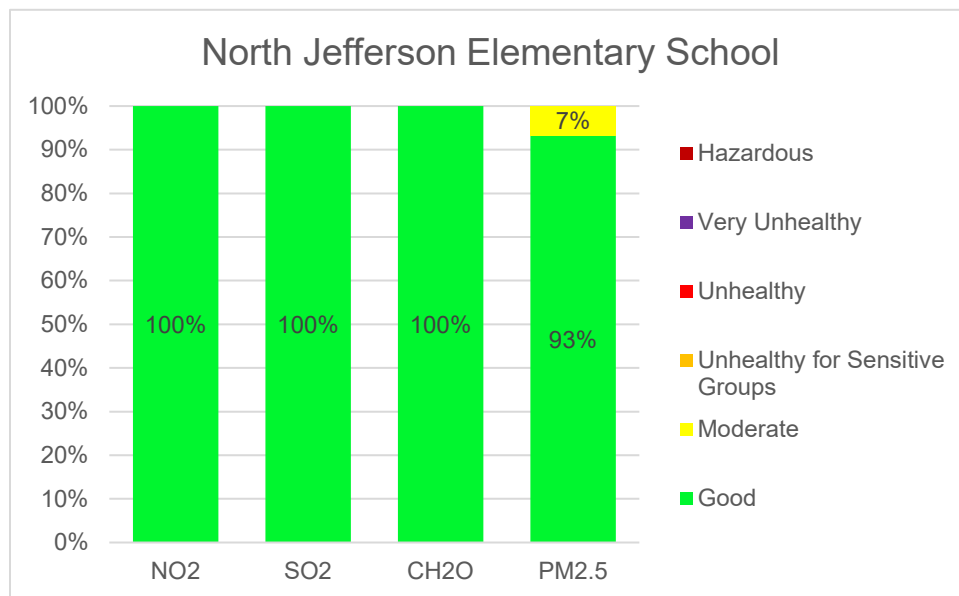


Figure 1: NJES AQI Distribution Summary — July through September 2022

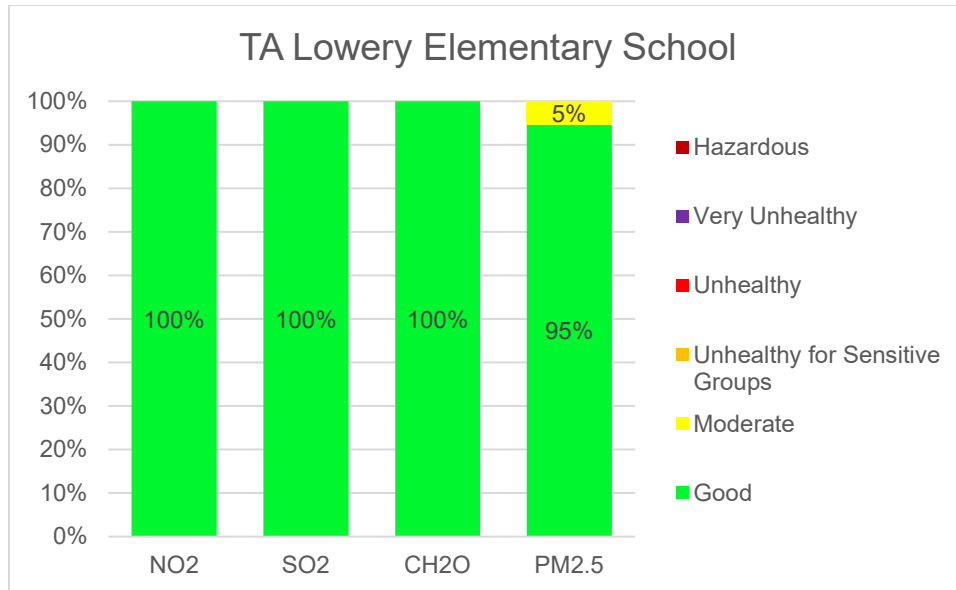


Figure 2: TALES AQI Distribution Summary — July through September 2022

The measured pollutant levels at NJES and TALES are compared with the corresponding guideline values in Tables 1 through 4. U.S. EPA’s National Ambient Air Quality Standards (NAAQS) are used as the guideline concentrations for NO₂, SO₂, and PM_{2.5}. Neither U.S. EPA nor West Virginia have established a standard for CH₂O. Therefore, measured concentrations are compared with the Virginia Department of Environmental Quality (VADEQ) Significant Ambient Air Concentration (SAAC) guideline values. There is no scientific consensus on what is an appropriate long-term health standard for CH₂O. For instance, the Texas Commission on Environmental Quality has set a chronic guideline concentration at 5.5 µg/m³—almost twice the VADEQ value.

During this monitoring quarter, there were no exceedances of a guideline concentration value at either site. The quarterly average CH₂O concentration exceeded the guideline value, but the long-term (annual average) remains below the criterion. Since the long-term average is still below the guideline value, this does not constitute an exceedance. For percentile-based guidelines, the concentrations presented in the summary tables are based on the number of valid monitoring days. The sixth-highest concentration values are used for the 98th-percentile parameters (NO₂ and PM_{2.5}) and the third-highest concentration values for the 99th-percentile parameter (SO₂).

Table 1: Measured NO₂ Concentrations Summary

NO ₂ Concentration (µg/m ³)					
Quarterly Results: July 2022 - September 2022 (07/01/2022 - 09/30/2022)			Nine Month Results: January 2022 - September 2022 (01/01/2022 - 09/30/2022)		
Location	Maximum 1-Hour Average	98 th Percentile Maximum Daily 1-Hour Average	Period Average	98 th Percentile Maximum Daily 1-Hour Average	Period Average
NJES	29.7	22.4	4.7	45.1	6.2
TALES	30.1	29.7	6.2	63.2	7.7
NAAQS	188 (98 th percentile, averaged over 3 years)		99.6 (annual mean)	188 (98 th percentile, averaged over 3 years)	99.6 (annual mean)

Table 2: Measured SO₂ Concentrations Summary

SO ₂ Concentration (µg/m ³)					
Quarterly Results: July 2022 - September 2022 (07/01/2022 - 09/30/2022)			Nine Month Results: January 2022 - September 2022 (01/01/2022 - 09/30/2022)		
Location	Maximum 1-Hour Average	Maximum 3-Hour Average	99 th Percentile Maximum Daily 1-Hour Average	2 nd High 3-Hour Average	99 th Percentile Maximum Daily 1-Hour Average
NJES	8.6	4.3	6.0	3.5	8.6
TALES	11.3	6.3	8.6	5.8	10.7
NAAQS	196.5 (99 th percentile, averaged over 3 years)		1,310 (not to be exceeded more than once/year)	196.5 (99 th percentile, averaged over 3 years)	

Table 3: Measured CH₂O Concentrations Summary

CH ₂ O Concentration (µg/m ³)					
Quarterly Results: July 2022 - September 2022 (07/01/2022 - 09/30/2022)			Nine Month Results: January 2022 - September 2022 (01/01/2022 - 09/30/2022)		
Location	Maximum 1-Hour Average	2 nd Highest 1-Hour Average	Period Average	2 nd Highest 1-Hour Average	Period Average
NJES	8.4	7.7	2.8	7.7	1.7
TALES	16.8	15.0	2.2	15.0	1.3
VADEQ SAACs	62.5 (not to be exceeded)		2.4* (annual average not to be exceeded)	62.5 (not to be exceeded)	2.4* (annual average not to be exceeded)

* Represents long-term annual average

Table 4: Measured PM_{2.5} Concentrations Summary

PM _{2.5} Concentration (µg/m ³)					
Quarterly Results: July 2022 - September 2022 (07/01/2022 - 09/30/2022)			Nine Month Results: January 2022 - September 2022 (01/01/2022 - 09/30/2022)		
Location	Maximum 24-Hour Average	98 th Percentile 24-Hour Average	Period Average	98 th Percentile 24-Hour Average	Period Average
NJES	19.4	14.4	8.1	19.4	8.5
TALES	14.4	13.9	7.8	17.5	8.3
NAAQS		35 <i>(98th percentile, averaged over 3 years)</i>	12 <i>(annual, averaged over 3 years)</i>	35 <i>(98th percentile, averaged over 3 years)</i>	12 <i>(annual, averaged over 3 years)</i>

2. PROGRAM OVERVIEW

The ROCKWOOL facility in Jefferson County has received its air permit to construct and operate the new facility. The facility has been permitted in accordance with all local, state, and federal laws and regulations. To provide additional assurance regarding the facility's environmental safety, ROCKWOOL has voluntarily committed to conducting an ambient air quality monitoring program.

Environmental Resources Management, Inc. (ERM) has been retained by ROCKWOOL to procure, install, operate, and maintain the air monitoring equipment, and to make the air monitoring data publicly available, to inform the community of the local ambient air quality. The program measures ambient air quality that is affected by all emission sources, including the ROCKWOOL facility.

The air monitoring sites are located at North Jefferson Elementary School (NJES) and TA Lowery Elementary School (TALES), as shown in Figure 3. Both locations are within three miles of the ROCKWOOL facility. These locations were selected by ERM based on the following four factors:

- U.S. EPA air quality monitor and meteorological siting criteria,
- The proximity of sensitive populations, such as children, to the ROCKWOOL facility,
- Local wind patterns, and
- An air quality dispersion model analysis.

July 1, 2022 – September 30, 2022



Figure 3: Overhead View of the Monitoring Locations

The monitoring program is continuously measuring ambient concentrations of fine particulate matter (PM_{2.5}), nitrogen dioxide (NO₂), sulfur dioxide (SO₂), and formaldehyde (CH₂O) at both sites. The first three substances were selected for monitoring, because they are U.S. EPA criteria pollutants with federal standards that required a modeling study as part of the air permit application process. Formaldehyde was selected due to it being an air pollutant of specific concern to local residents. There are no West Virginia or federal air standards for CH₂O.

PM_{2.5} is naturally present in the atmosphere. It is directly emitted from natural sources such as volcanoes, wildfires, sea spray, and wind driven suspension of pollen and other fine dust particles. Also, it is formed as the result of complex reactions of gases emitted from natural sources such as volcanoes and wildfires. Human-made sources of PM_{2.5} include construction activities, unpaved roads, open fields, smokestacks, and fires. Human-made sources of secondarily formed PM_{2.5} include combustion of fossil and natural fuels (e.g., wood) in homes, engines, power plants, and industrial plants.

NO₂ is naturally present in the atmosphere, having formed from the chemical reaction of nitric oxide and oxygen. Nitric oxide is naturally emitted from volcanoes, wildfires, and bacterial respiration and is also created from lightning. Human-made sources of NO₂ include combustion of fossil and natural fuels in homes, engines, power plants, and industrial plants.

SO₂ is naturally present in the atmosphere from sources such as volcanoes and wildfires. Human-made sources of SO₂ include combustion of fossil and natural fuels that contain sulfur in homes, engines, power plants, and industrial plants.

CH₂O forms naturally in the atmosphere and during plant decomposition in soil before becoming airborne. Human-made sources of CH₂O include wood burning, vehicle exhaust, particularly engines without catalytic converters, natural gas combustion, and the production or use of CH₂O in manufacturing processes.

A meteorological station capable of continually measuring wind speed and wind direction, along with temperature, humidity, precipitation, and barometric pressure, was installed on ROCKWOOL's property to assist in interpreting the air quality data. A photo of the meteorological station is presented in Figure 4.



Figure 4: ROCKWOOL Meteorological Monitoring Location

The ambient air quality monitoring program commenced at the end of calendar year 2019 and will operate through June 30, 2023. This monitoring period will allow for an assessment of the impact of the facility on the local air quality. Photos of the monitoring locations are provided in Figures 5 and 6.



Figure 5: North Jefferson Elementary School Monitoring Location



Figure 6: TA Lowery Elementary School Monitoring Location

3. MONITORING RESULTS

This report contains results of the eleventh quarter (July through September 2022) of ambient air quality monitoring. The ROCKWOOL facility was active as of May 22, 2021. Measured air pollutant levels were the result of local and distant background emission sources – including production emissions, motor vehicle emissions, furnace combustion for comfort heating, and windborne dust from agricultural activities.

The following section presents the data for the current reporting period. The Air Quality Index (AQI) summary provides a quick overview of air quality at the monitoring sites, relative to air quality health standards and guidelines. The following air concentrations provide a quantitative comparison of measurements against the established reference criteria. All valid data are tabulated in the appendices.

3.1 Air Quality Index Summary

The AQI is used to report short-term air quality to the public. The AQI relates measured air quality concentrations to their potential health effects. U.S. EPA calculates the AQI for a number of air pollutants, including the PM_{2.5}, SO₂ and NO₂, measured by the ROCKWOOL monitoring program. For each of these pollutants, U.S. EPA has established National Ambient Air Quality Standards (NAAQS) to protect public health. U.S. EPA has not established an ambient standard or AQI for CH₂O. Therefore, ERM used U.S. EPA’s AQI development process and an accepted guideline concentration to devise a project-specific CH₂O AQI approach for the ROCKWOOL program.

The AQI can be visualized as a yardstick that runs from 0 to 500. The higher the AQI value, the greater the level of air pollution, and the greater the health concern. For example, an AQI value of 50 represents good air quality, while an AQI value exceeding 150 represents unhealthy air quality.

An AQI value of 100 generally corresponds to the established health guideline for a pollutant. AQI values below 100 are considered satisfactory. When AQI values are above 100, air quality may be unhealthy – at first for certain sensitive individuals, then for everyone as AQI values get higher. To make the AQI easier to understand, it is divided into six categories:

Air Quality Index	Levels of Health Concern	Colors
<i>When the AQI is in this</i>	<i>..air quality conditions are:</i>	<i>...as symbolized by this color:</i>
0 to 50	Good	Green
51 to 100	Moderate	Yellow
101 to 150	Unhealthy for Sensitive Groups	Orange
151 to 200	Unhealthv	Red
201 to 300	Very Unhealthy	Purple
301 to 500	Hazardous	Maroon

Note: Values above 500 are considered Beyond the AQI. Follow recommendations for the Hazardous category.

Each category corresponds to a different level of health concern. The six levels of health concern and what they mean are described below.

- "Good" AQI is 0 to 50. Air quality is considered satisfactory, and air pollution poses little or no risk.
- "Moderate" AQI is 51 to 100. Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people. For example, people who are unusually sensitive to PM_{2.5} may experience respiratory symptoms.
- "Unhealthy for Sensitive Groups" AQI is 101 to 150. Although the general public is not likely to be affected at this AQI range, people with lung disease, older adults and children are at a greater risk from exposure to PM_{2.5}, whereas persons with heart and lung disease, older adults and children are at greater risk from the presence of particles in the air.
- "Unhealthy" AQI is 151 to 200. Everyone may begin to experience some adverse health effects, and members of the sensitive groups may experience more serious effects.
- "Very Unhealthy" AQI is 201 to 300. This would trigger a health alert signifying that everyone may experience more serious health effects.
- "Hazardous" AQI greater than 300. This would trigger health warnings of emergency conditions. The entire population is more likely to be affected.

Ninth quarter monitoring results, expressed in terms of AQI, are presented in the following subsections.

3.1.1 North Jefferson Elementary School

An AQI value was computed daily at NJES for NO₂, SO₂, and CH₂O as long as there was at least one valid hourly measurement recorded by the monitor on that day. The maximum hourly measurement for the monitoring day was used to categorize that day's AQI category.

A daily PM_{2.5} AQI value was computed if 75% (18 hours) of the monitored hours were valid for that day. This is different from the other parameters, since PM_{2.5} is evaluated based on a 24-hour average concentration.

The monitoring results, by AQI index distribution, are summarized in Table 5. For NO₂ and SO₂, an AQI value was generated for 91 days of out a possible 92 days of the monitoring quarter. For PM_{2.5}, an AQI value was generated for 89 out of a possible 92 days of the monitoring quarter. For CH₂O, an AQI value was generated for 78 days out of a possible 92 the monitoring quarter.

Table 5: NJES Quarterly AQI Summary

North Jefferson Elementary School AQI Summary Results				
July 1, 2022 - September 30, 2022				
	NO ₂	SO ₂	CH ₂ O	PM _{2.5}
Maximum	15	4	16	66
2 nd Highest	11	3	14	56
Average	2	0	5	34
Days Good	91	91	78	83
Days Moderate	0	0	0	6
Days USG*	0	0	0	0
Days Unhealthy	0	0	0	0
Days Very Unhealthy	0	0	0	0
Days Hazardous	0	0	0	0

* USG is short for Unhealthy for Sensitive Groups

For NO₂, SO₂, and CH₂O, all days with a valid hourly measurement fell into the “Good” category. For PM_{2.5}, 83 days fell into the “Good” category and 6 days were characterized as “Moderate”.

Of the 6 “Moderate” category days at NJES for PM_{2.5}, zero days had AQI values greater than 75. The maximum measured AQI of these “Moderate” days was 66.

The NJES results for this quarter are illustrated in Figure 7.

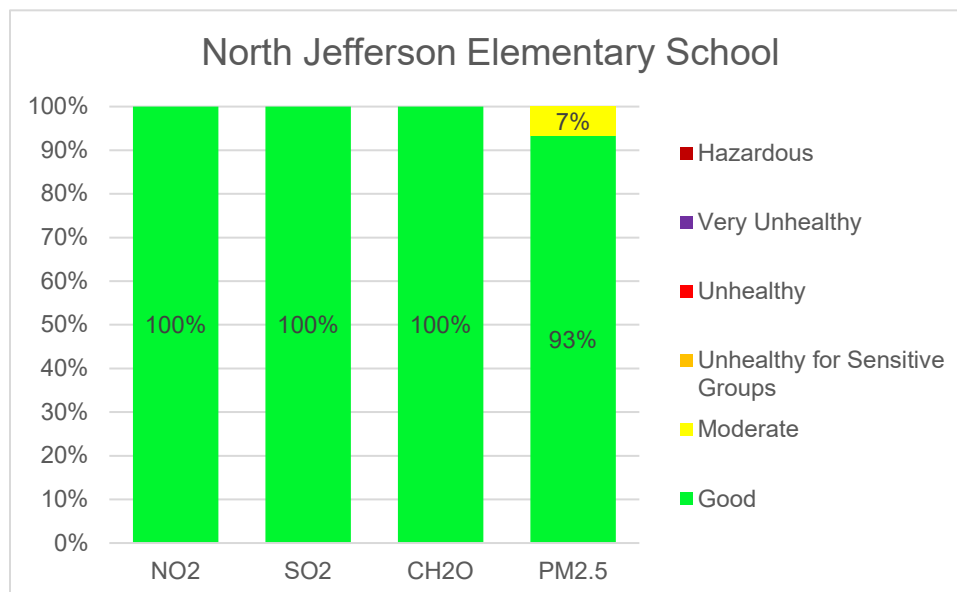


Figure 7: NJES AQI Distribution Summary — July through September 2022

3.1.2 TA Lowery Elementary School

As with NJES, an AQI value was computed daily at TALES for NO₂, SO₂, and CH₂O as long as there was at least one valid hourly measurement recorded by the monitor on that day. The maximum hourly measurement for the monitoring day was used to categorize that day’s AQI category.

A daily PM_{2.5} AQI value was computed if 75% (18 hours) of the monitored hours were valid for that day. This is different from the other parameters, since PM_{2.5} is evaluated based on a 24-hour average concentration. The monitoring results, by AQI index distribution, are summarized in Table 6.

Table 6: TALES Quarterly AQI Summary

TA Lowery Elementary School AQI Summary Results				
July 1, 2022 - September 30, 2022				
	NO ₂	SO ₂	CH ₂ O	PM _{2.5}
Maximum	15	6	30	56
2 nd Highest	15	4	28	55
Average	3	1	4	33
Days Good	88	92	92	87
Days Moderate	0	0	0	5
Days USG*	0	0	0	0
Days Unhealthy	0	0	0	0
Days Very Unhealthy	0	0	0	0
Days Hazardous	0	0	0	0

* USG is short for Unhealthy for Sensitive Groups

July 1, 2022 – September 30, 2022

For NO₂, an AQI value was generated for 88 out of the 92 days of the monitoring quarter. For SO₂ an AQI value was generated for 92 out of the 92 days of the monitoring quarter. For CH₂O an AQI value was generated for 92 out of the 92 days of the monitoring quarter. For PM_{2.5}, an AQI value was generated for all days of the monitoring quarter.

For NO₂, SO₂, and CH₂O, all days with a valid hourly measurement fell into the “Good” category. For PM_{2.5}, 87 days fell into the “Good” category, and 5 days were characterized as “Moderate”.

Of the 5 “Moderate” category days at TALES for PM_{2.5}, zero days had AQI values greater than 75. The maximum measured AQI of these “Moderate” days was 56.

The results for this monitoring quarter are illustrated in Figure 8.

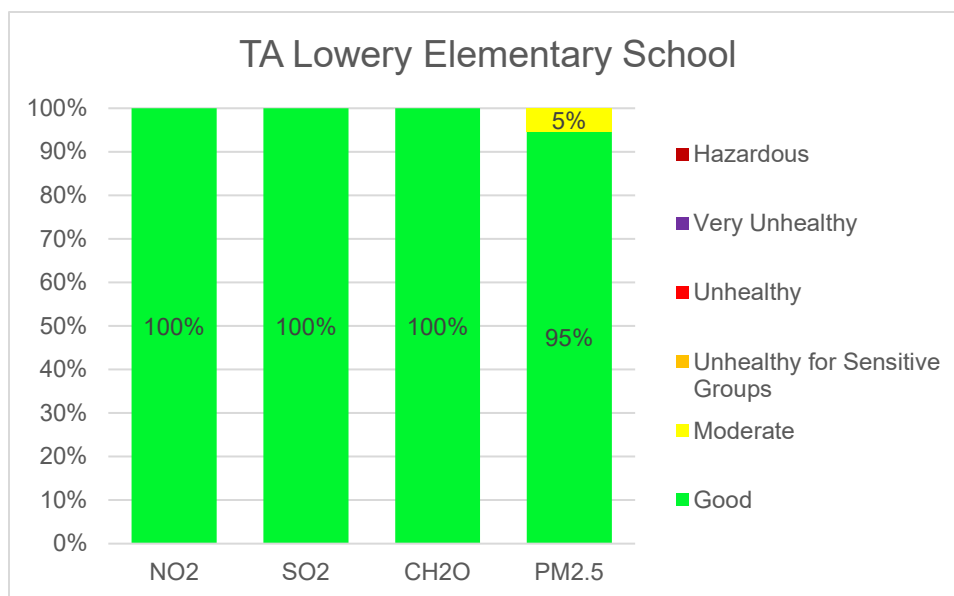


Figure 8: TALES AQI Distribution Summary — July through September 2022

3.2 Ambient Air Quality Concentrations

Air concentrations are expressed in units of microgram per cubic meter ($\mu\text{g}/\text{m}^3$) – the mass of pollutant present in a standard volume (1 cubic meter – about 35 cubic feet). The air standards or guideline concentrations are expressed in these same units.

Ambient concentrations of NO₂, SO₂, CH₂O, and PM_{2.5} were continuously measured at both monitoring locations. Data were reduced to 1-hour averages for reporting purposes. The number of possible valid data hours for the monitoring quarter was 2,208, which serves as the basis for data recovery statistics. The data recovery percentage is calculated as the number of valid data hours measured divided by 2,208 hours for each parameter. The number of possible valid data days for the monitoring quarter was 92, which serves as the basis for data completeness statistics. The data completeness percentage is calculated as the number of valid days measured (a valid day contains at least 18 valid measurement hours) divided by 92 days.

Occasionally, during periods of particularly clean air, a monitoring instrument may output a slightly negative value – due to normal instrument drift. Agency guidance is to treat such negative concentrations as valid measurements, provided the measurement is greater than the Federal Method Detection Limit, as defined by the U.S. EPA technical note “Reporting Negative Values for Criteria Pollutant Gaseous Monitors to AQS”, dated October 6, 2016. This allows for ambient concentrations as low as $-10.5 \mu\text{g}/\text{m}^3$

for SO₂ and -9.4 µg/m³ for NO₂. Since CH₂O is not a criteria pollutant, no Federal Method Detection Limit exists, and therefore, ERM has elected to apply the limit for NO₂ to CH₂O.

The eleventh-quarter monitoring results, expressed in terms of mass concentrations, are presented in the following subsections.

3.2.1 NO₂

Ambient NO₂ concentration is continuously measured using Thermo Scientific Model 42iQ chemiluminescent analyzers. The 42iQ is a designated Federal Reference Method for measuring NO₂. Concentrations are measured in parts per billion (ppb), then a conversion factor of 1.88 µg/m³ per ppb is applied for reporting purposes.

Table 7 presents the quarterly summary statistics for both monitoring locations. Data recovery and data completeness exceeded the program’s goal of 75% at both monitoring locations. Ambient concentrations of NO₂ measured well below the 1-hour and annual average NAAQS concentrations.

The 1-hour NO₂ NAAQS is evaluated as the 98th percentile maximum daily 1-hour average, averaged over three years. Since only one quarter of data is presented in Table 7, only a comparison against the NAAQS can be performed and not an evaluation. The 98th percentile for the monitoring quarter is presented as the second-highest daily 1-hour average, as defined in 40 CFR Part 50, Appendix S “*Interpretation of the Primary National Ambient Air Quality Standards for Oxides of Nitrogen (Nitrogen Dioxide).*”

Table 7: Quarterly NO₂ Concentration Summary Statistics

Data Quarter Results July 1, 2022 - September 30, 2022						
NO ₂ Concentration (µg/m ³)						
Location	1-Hour Average Minimum	1-Hour Average Maximum	Data Recovery	98 th Percentile Maximum Daily 1-Hour Average	Three Month Average	Data Completeness for 1-Hour Average
NJES	0.5	29.7	93%	22.4	4.7	96%
TALES	-0.8	30.1	90%	29.7	6.2	91%
NAAQS				188 <i>(98th percentile, averaged over 3 years)</i>	99.6 <i>(annual mean)</i>	

3.2.2 SO₂

Ambient SO₂ concentration is continuously measured using Thermo Scientific Model 43iQ pulsed fluorescence analyzers. The 43iQ is a designated Federal Equivalent Method for measuring SO₂. Concentrations are measured in units of ppb, then a conversion factor of 2.62 µg/m³ per ppb is applied for reporting purposes.

Table 8 presents the quarterly summary statistics for both monitoring locations. Data recovery and data completeness exceeded the program’s goal of 75% at both monitoring locations. Data completeness for the 3-hour average is computed as the percentage of valid 3-hour periods (periods with all three valid hours) relative to the potential 3-hour periods in the monitoring quarter. Ambient concentrations of SO₂ measured were well below the 1-hour and 3-hour NAAQS concentrations.

The 1-hour SO₂ NAAQS is evaluated as the 99th percentile maximum daily 1-hour average, averaged over three years. Since only one quarter of data is presented in Table 8, only a comparison against the NAAQS can be performed and not an evaluation. The 99th percentile concentration for the monitoring quarter is presented as the highest daily 1-hour average, as defined in 40 CFR Part 50, Appendix T

“Interpretation of the Primary National Ambient Air Quality Standards for Oxides of Sulfur (Sulfur Dioxide).”

Table 8: Quarterly SO₂ Concentration Summary Statistics

Data Quarter Results July 1, 2022 - September 30, 2022							
SO ₂ Concentration (µg/m ³)							
Location	1-Hour Average Minimum	1-Hour Average Maximum	Data Recovery	99 th Percentile Maximum Daily 1-Hour Average	2 nd High 3-Hour Average	Data Completeness for 1-Hour Average	Data Completeness for 3-Hour Average
NJES	-2.2	8.6	93%	8.6	4.3	97%	85%
TALES	-0.9	11.3	96%	11.3	6.2	99%	88%
NAAQS				196.5 <i>(99th percentile, averaged over 3 years)</i>	1,310 <i>(not to be exceeded more than once/year)</i>		

3.2.3 CH₂O

Ambient CH₂O concentration is continuously measured using an Aeris Technologies Ultra Series mid-IR laser-based analyzer. Since CH₂O is not a regulated pollutant, U.S. EPA has not certified any instruments as federally-designated methods. Concentrations are measured in units of ppb, and then, a conversion factor of 1.25 µg/m³ per ppb is applied for reporting purposes. There is no NAAQS or West Virginia standard for CH₂O, and therefore, Significant Ambient Air Concentration (SAAC) values from the Virginia Department of Environmental Quality (VADEQ) are used to guide the CH₂O analysis.

Table 9 presents the quarterly summary statistics for both monitoring locations. Data recovery and completeness goals exceeded the program’s objectives of 75% at both sites despite a significant hardware component failure, requiring manufacturer repair of the analyzer. Ambient concentrations of CH₂O for the quarter measured were well below the 1-hour and annual (12-month average) VADEQ SAAC concentrations at TALES, however the ambient concentration at NJES exceeded the annual SAAC concentration. While this quarter has exceeded the annual SAAC, the to-date annual average is still well below annual SAAC.

There is no scientific consensus on what is an appropriate long-term CH₂O health standard. For instance, the Texas Commission on Environmental Quality has set a chronic guideline concentration at 5.5 µg/m³—almost twice the VADEQ value. In general, average air quality values tend to decrease as the averaging time increases. This is due to the strong influence of highly variable meteorological conditions on measured pollutant concentrations.

Table 9: Quarterly CH₂O Concentration Summary Statistics

Data Quarter Results July 1, 2022 - September 30, 2022						
CH ₂ O Concentration (µg/m ³)						
Location	1-Hour Average Minimum	1-Hour Average 2 nd High	1-Hour Average Maximum	Data Recovery	Three Month Average	Data Completeness for 1-Hour Average
NJES	-2.8	7.7	8.4	79%	2.8	82%
TALES	-6.2	15.0	16.8	96%	2.2	99%
VADEQ SAACs			62.5 <i>(not to be exceeded)</i>		2.4* <i>(annual average not to be exceeded)</i>	

* Represents long-term annual average

3.2.4 PM_{2.5}

Ambient PM_{2.5} concentration is continuously measured by a Teledyne API Model T640 PM Mass Monitor using scattered light spectrometry. The T640 is a designated Federal Equivalent Method for measuring PM_{2.5}. Concentrations are measured in units of µg/m³ – the same units in which the NAAQS is specified.

Table 10 presents the quarterly summary statistics for both monitoring locations. Data recovery and completeness exceeded the program’s goal of 75% at both monitoring locations. Ambient concentrations are below the 24-hour and annual NAAQS concentrations. As described in Section 3.1, the days with the highest ambient concentrations can be traced to regional events with similarly high concentrations measured at nearby monitors.

The 24-hour PM_{2.5} NAAQS is evaluated as the 98th percentile 24-hour average, averaged over three years. Since only one quarter of data is presented in Table 10, only a comparison against the NAAQS can be performed – not an evaluation. The 98th percentile for the monitoring quarter is presented at the second-highest 24-hour average, as defined in 40 CFR Part 50, Appendix N “*Interpretation of the National Ambient Air Quality Standards for PM_{2.5}*.”

Table 10: Quarterly PM_{2.5} Concentration Summary Statistics

Data Quarter Results July 1, 2022 - September 30, 2022						
PM _{2.5} Concentration (µg/m ³)						
Location	24-Hour Average Minimum	24-Hour Average Maximum	Data Recovery	98 th Percentile 24-Hour Average	Three Month Average	Data Completeness for 24-Hour Average
NJES	3.6	19.4	97%	14.4	8.1	97%
TALES	3.4	14.4	100%	13.9	7.8	100%
NAAQS				35 (98 th percentile, averaged over 3 years)	12 (annual, averaged over 3 years)	

At NJES, ambient PM_{2.5} concentration is sampled by a Tisch Environmental Wilbur Federal Reference Method low volume sampler – collocated with the Teledyne T640 analyzer. The Wilbur is designated as a FRM-designated method for measuring PM_{2.5} concentrations using a filter medium. The Wilbur operates on the U.S. EPA 1-in-12 day sampling schedule to collect reference concentrations with which to evaluate the precision of the continuous PM_{2.5} measurements.

Appendix C presents the results of the samples collected by the Wilbur. The precision of the PM_{2.5} measurements is assessed by calculating the coefficient of variation between the two sampling methods when both methods produce concentrations greater than or equal to 3.0 µg/m³. The coefficient of variation for this monitoring quarter was 8.9%.

3.3 Meteorological Measurements

The on-site meteorological monitoring system was installed on June 12, 2020 and, outside of routine maintenance and calibrations, has since been operating continuously. The parameters and instruments installed consist of:

- Wind speed and direction is measured at the ten-meter level by an RM Young Model 05305 mechanical anemometer;
- Standard deviation of wind direction, sigma theta, is calculated by the Campbell Scientific CR1000 data logger;

- Ambient temperature is measured at the two-meter elevation by an Apogee Instruments Model ST-100 thermistor;
- Relative humidity is measured at the two-meter elevation by a Vaisala HMP-60 hygrometer; and
- Rainfall is measured by an RM Young 52203 tipping bucket precipitation gauge.

Summary statistics for the monitoring quarter are presented in Table 11.

Table 11: Meteorology Quarterly Summary Statistics

Data Quarter Results July 1, 2022 - September 30, 2022					
Meteorology Data - Rockwool Property Station					
Parameter	Minimum	Maximum	Average	Frequency	Data Recovery
Wind Speed (mph)	0.0	12.7	3.4		100%
Wind Direction			S	11.9%	100%
Sigma Theta (°)	0.0	56.2	18.2		100%
Temperature (°F)	43.0	94.4	72.1		100%
Relative Humidity (%)	28.3	100.0	74.7		100%
Barometric Pressure (in Hg)	28.99	29.77	29.39		100%
Liquid Precipitation (in)	0.00	1.00*	9.56**		100%

* Represents maximum daily accumulation.
 ** Represents total quarterly accumulation.

Figures 9 through 11 present the wind roses for each month of the monitoring quarter. Figure 12 presents the wind rose for the monitoring quarter. The predominant wind direction for the monitoring quarter was south, which was observed during 11.9% of the monitored hours.

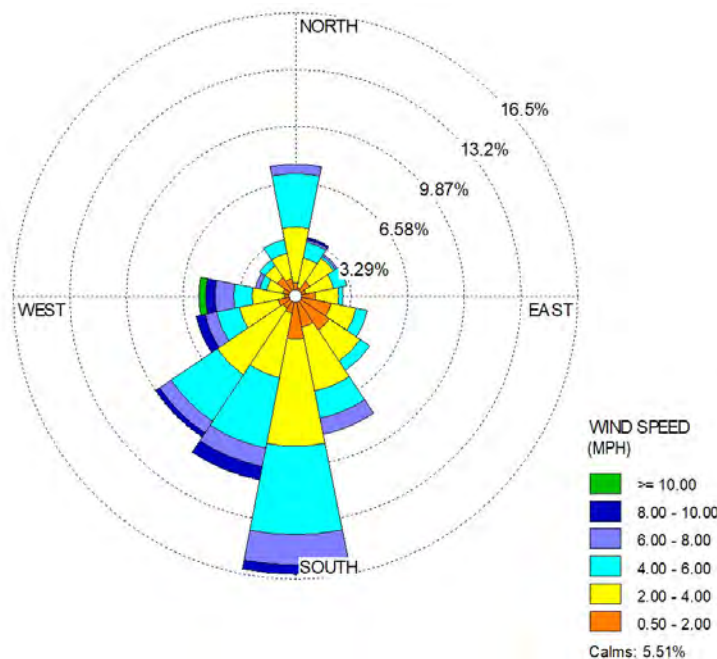


Figure 9: July 2022 Wind Rose

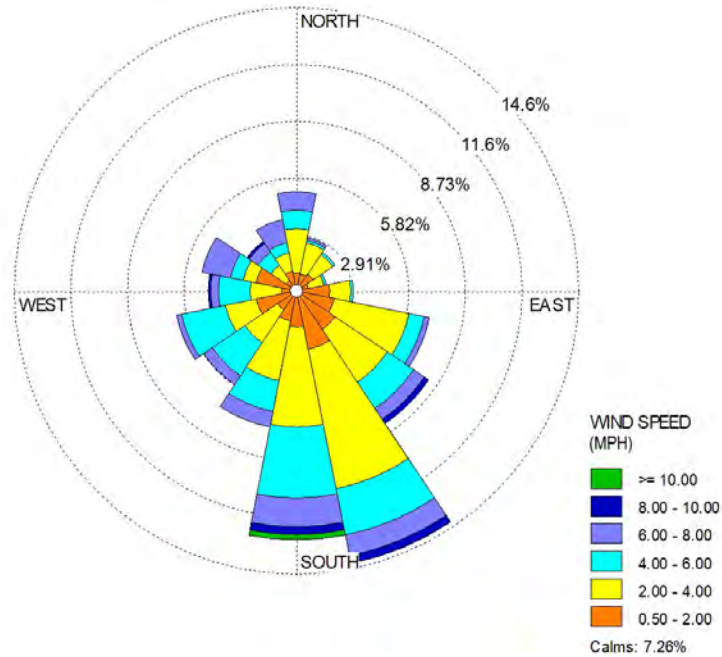


Figure 10: August 2022 Wind Rose

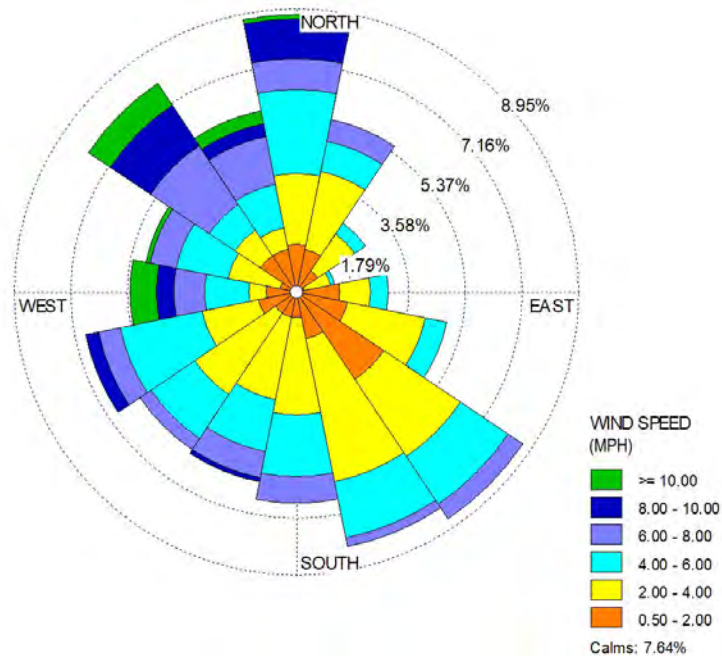


Figure 11: September 2022 Wind Rose

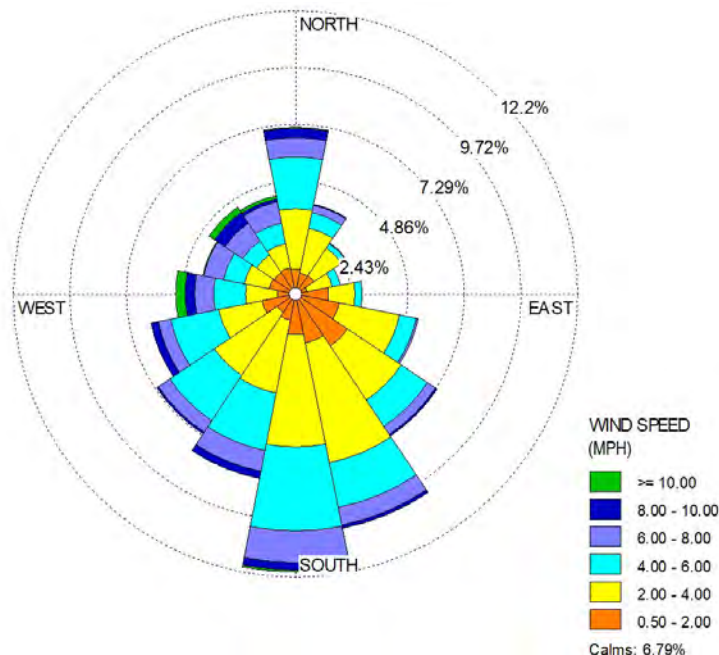


Figure 12: July through September 2022 Wind Rose

4. DATA VALIDATION

Each site's data logger was remotely polled on a regular basis by an air quality specialist, and the data were stored in a dedicated database. Data validity was evaluated using nightly zero and span results, weekly precision check results, multi-point assessments of the analyzers, flow verifications, and shelter temperature. The evaluation criteria for data validation are specified in the Quality Assurance Project Plan (QAPP). All data validation assessments were found to be within the target acceptance criteria, data recovery, and completeness percentages exceeded goals for all parameters.

4.1 Precision and Bias Statistics

Precision and bias statistics for NO₂, SO₂, and CH₂O for this monitoring quarter were calculated from weekly challenge concentration responses.

Table 12 presents the observed concentrations and target values for each weekly challenge of the analyzers at NJES. Table 13 presents the calculated quarterly precision and bias values for each of the monitored parameters at NJES. The bias value presented in the table can be negative, positive, or unsigned. Signing the bias provides an indication of the performance of the analyzer relative to its expected value. When the bias is unsigned, the analyzer's performance was not consistently above or below its expected value. The results of the calculations demonstrate that each analyzer was performing well within the acceptance criteria for each statistic.

Table 14 presents the observed concentrations and target values for each weekly challenge of the analyzers at TALES. Table 15 presents the calculated quarterly precision and bias values for each of the monitored parameters at TALES. The results of the calculations demonstrate that each analyzer was performing well within the acceptance criteria for each statistic.

Table 12: NJES Weekly Precision Challenge Results

North Jefferson Elementary School Weekly Precision Challenge Results						
Date	NO ₂ (ppb)		SO ₂ (ppb)		CH ₂ O (ppb)	
	Observed	Challenge	Observed	Challenge	Observed	Challenge
07/04/2022	134.3	140.6	76.8	75.0	IO	IO
07/11/2022	133.6	140.6	76.4	75.0	IO	IO
07/18/2022	141.4	141.8	75.3	74.9	48.1	50.0
07/25/2022	142.1	141.8	74.6	75.0	47.3	50.0
08/01/2022	144.5	141.8	75.2	75.0	46.3	50.0
08/08/2022	141.4	141.8	76.1	75.2	45.8	50.0
08/15/2022	143.1	141.8	76.3	75.1	47.7	50.0
08/22/2022	141.9	141.8	76.4	75.0	50.7	50.1
08/29/2022	139.5	141.8	76.5	75.1	49.0	50.0
09/05/2022	135.2	141.8	75.5	75.1	58.1	50.0
09/12/2022	141.0	141.8	76.4	75.0	59.6	50.0
09/19/2022	141.1	141.8	76.3	75.2	61.5	50.0
09/26/2022	140.6	141.8	75.8	75.0	60.8	50.0

*IO represents "Instrument Offline" as the weekly challenge was not performed due to the instrument being offline.

Table 13: NJES Quarterly Precision and Bias Statistics

North Jefferson Elementary School Quarterly Statistics				
Pollutant	Number of Challenges	Coefficient of Variation (%)	Bias (%)	Criteria
NO ₂	13	3.0	2.6	≤ ±15.1%
SO ₂	13	1.2	+1.7	≤ ±10.1%
CH ₂ O	11	18.2	14.8	≤ ±20.1%

Table 14: TALES Weekly Precision Challenge Results

TA Lowery Elementary School Weekly Precision Challenge Results						
Date	NO ₂ (ppb)		SO ₂ (ppb)		CH ₂ O (ppb)	
	Observed	Challenge	Observed	Challenge	Observed	Challenge
07/04/2022	162.3	157.5	81.5	75.0	48.1	50.0
07/11/2022	131.4	157.5	81.7	75.0	38.9	50.0
07/18/2022	166.3	163.9	78.7	75.1	51.8	50.0
07/25/2022	173.5	163.9	77.0	75.1	46.8	50.0
08/01/2022	171.8	163.9	79.5	75.0	58.8	50.0
08/08/2022	162.6	163.9	76.4	75.0	58.1	50.1
08/15/2022	158.7	161.9	79.8	74.8	56.6	50.0
08/22/2022	IO	IO	IO	IO	IO	IO
08/29/2022	148.7	161.9	81.0	75.0	55.5	50.0
09/05/2022	151.4	155.9	78.1	75.1	56.4	50.0
09/12/2022	155.0	158.1	81.3	75.1	57.1	50.0
09/19/2022	149.1	158.1	81.7	75.0	56.9	50.0
09/26/2022	UM	UM	82.3	74.9	56.1	50.0

*IO represents "Instrument Offline" as the weekly challenge was not performed due to the instrument being offline.

** UM represents "Unknown Malfunction" as the weekly challenge was affected by an unknown malfunction in the analyzer's operation.

Table 15: TALES Quarterly Precision and Bias Statistics

TA Lowery Elementary School Quarterly Statistics				
Pollutant	Number of Challenges	Coefficient of Variation (%)	Bias (%)	Criteria
NO ₂	11	9.2	7.3	≤ ±15.1%
SO ₂	12	3.8	+7.9	≤ ±10.1%
CH ₂ O	12	16.8	+15.1	≤ ±20.1%

4.2 Performance Evaluation Program Audit Results

On July 12 and 14, 2022, a Performance Evaluation Program (PEP) audit was performed at NJES. The results of the audit can be found in Appendix E. The measured concentrations during the audit were low, amplifying the percent difference between the audit sampler and the site sampler. The measured percent difference was 25.0% for the July 12th audit and 16.9% for the July 14th audit. As with previous audit results, it is believed that some particulates are volatilized off the audit filter before they are measured. These particulates are captured by the optical sensor of the site sampler.

On August 29, 2022, a Through the Probe (TTP) audit was performed at TALES on the SO₂ and HCHO analyzers. The NO₂ analyzer was not audited due to a component failure that could not be resolved while the auditor was on-site. Both audited analyzers passed the audit, as found in the audit report in Appendix F.

APPENDIX A DAILY MONITORING STATISTICS

- Appendix A-1: North Jefferson Elementary School Monitoring Statistics
- Appendix A-2: TA Lowery Elementary School Monitoring Statistics

Appendix A-1: North Jefferson Elementary School Monitoring Statistics

North Jefferson Elementary School								
Day	NO ₂		SO ₂		CH ₂ O		PM _{2.5}	
	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	24-Hour Avg. (µg/m ³)	Daily AQI
7/1/2022	6.4	3	-1.0	0	ID	ID	10.6	46
7/2/2022	8.3	4	-0.8	0	ID	ID	11.6	50
7/3/2022	17.1	8	0.3	0	ID	ID	19.4	66
7/4/2022	8.8	5	-0.8	0	ID	ID	12.8	52
7/5/2022	8.1	4	-1.0	0	ID	ID	10.8	46
7/6/2022	13.7	7	-1.3	0	ID	ID	5.8	25
7/7/2022	11.8	6	-1.6	0	ID	ID	5.3	21
7/8/2022	15.8	8	-1.6	0	ID	ID	9.6	42
7/9/2022	7.1	4	-1.8	0	ID	ID	7.9	33
7/10/2022	7.0	4	-1.3	0	ID	ID	9.8	42
7/11/2022	ID	4	-1.3	0	ID	ID	10.6	46
7/12/2022	6.8	4	-1.3	0	ID	ID	8.0	33
7/13/2022	7.0	4	0.3	0	ID	ID	9.9	42
7/14/2022	10.0	5	1.8	1	ID	9	9.0	38
7/15/2022	22.0	11	0.8	0	5.0	9	8.8	38
7/16/2022	11.5	6	0.5	0	6.4	11	10.5	46
7/17/2022	5.8	3	0.0	0	6.1	11	8.4	33
7/18/2022	9.4	5	0.0	0	6.8	11	7.2	29
7/19/2022	8.1	4	1.3	0	5.8	11	9.4	38
7/20/2022	8.6	5	1.3	1	7.1	14	10.4	42
7/21/2022	8.5	5	0.8	0	7.3	14	10.0	42
7/22/2022	6.2	3	2.4	1	7.5	14	14.4	56
7/23/2022	9.6	5	1.6	1	7.0	14	12.1	51
7/24/2022	6.4	3	0.5	0	6.8	11	10.1	42
7/25/2022	7.1	4	0.0	0	8.4	16	9.1	38
7/26/2022	11.5	6	4.2	3	4.5	9	6.9	29
7/27/2022	8.3	4	0.3	0	5.6	11	6.8	29
7/28/2022	7.0	4	0.3	0	6.1	11	6.0	25
7/29/2022	9.4	5	0.0	0	5.6	9	7.0	29
7/30/2022	9.0	5	2.4	1	4.1	7	6.4	25
7/31/2022	8.8	5	0.8	0	5.6	9	8.0	33

ID: Invalid Day (fewer than 18 hours of valid data)

Appendix A-1: North Jefferson Elementary School Monitoring Statistics

North Jefferson Elementary School								
Day	NO ₂		SO ₂		CH ₂ O		PM _{2.5}	
	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	24-Hour Avg. (µg/m ³)	Daily AQI
8/1/2022	7.5	4	0.3	0	4.8	9	5.6	25
8/2/2022	8.3	4	1.6	1	5.3	9	7.9	33
8/3/2022	10.3	5	1.0	0	5.5	9	10.0	42
8/4/2022	8.6	5	1.0	0	7.6	14	8.4	33
8/5/2022	8.1	4	0.5	0	6.3	11	5.1	21
8/6/2022	4.3	2	0.5	0	5.6	11	5.4	21
8/7/2022	4.1	2	0.8	0	5.5	9	5.2	21
8/8/2022	4.7	3	1.0	0	6.5	11	6.3	25
8/9/2022	7.7	4	0.8	0	6.5	11	7.6	33
8/10/2022	8.3	4	3.7	1	5.8	11	7.6	33
8/11/2022	7.7	4	2.4	1	3.6	7	7.3	29
8/12/2022	14.3	8	2.1	1	5.1	9	8.0	33
8/13/2022	17.9	8	2.4	1	1.4	2	5.3	21
8/14/2022	10.5	6	1.8	1	3.1	5	5.7	25
8/15/2022	7.9	4	0.8	0	2.0	5	6.6	29
8/16/2022	10.7	6	3.1	1	2.3	5	9.1	38
8/17/2022	15.2	8	8.6	4	3.5	7	8.9	38
8/18/2022	10.7	6	3.7	1	3.4	7	6.9	29
8/19/2022	13.7	7	1.0	0	3.9	7	8.1	33
8/20/2022	5.5	3	1.6	1	4.1	7	7.6	33
8/21/2022	4.9	3	0.8	0	4.4	7	4.2	17
8/22/2022	9.6	5	0.8	0	4.5	9	5.0	21
8/23/2022	9.8	5	1.0	0	3.0	5	7.6	33
8/24/2022	10.0	5	4.7	3	3.9	7	10.2	42
8/25/2022	14.1	8	3.4	1	5.4	9	11.6	50
8/26/2022	11.3	6	2.6	1	5.6	11	11.2	46
8/27/2022	15.8	8	1.3	0	3.5	7	10.4	42
8/28/2022	15.2	8	1.3	1	5.1	9	11.1	46
8/29/2022	ID	3	ID	0	ID	7	ID	ID
8/30/2022	ID	ID	ID	ID	ID	ID	ID	ID
8/31/2022	ID	4	ID	0	ID	11	ID	ID

ID: Invalid Day (fewer than 18 hours of valid data)

Appendix A-1: North Jefferson Elementary School Monitoring Statistics

North Jefferson Elementary School								
Day	NO ₂		SO ₂		CH ₂ O		PM _{2.5}	
	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	24-Hour Avg. (µg/m ³)	Daily AQI
9/1/2022	29.7	15	1.3	1	6.3	11	6.7	29
9/2/2022	22.4	11	2.1	1	5.4	9	6.9	29
9/3/2022	5.8	3	1.6	1	2.9	5	8.5	38
9/4/2022	5.5	3	1.6	1	3.5	7	8.7	38
9/5/2022	13.3	7	1.6	1	2.0	5	7.9	33
9/6/2022	11.7	6	6.0	3	3.0	5	4.3	17
9/7/2022	9.2	5	1.6	1	0.6	0	3.7	17
9/8/2022	13.7	7	5.8	3	3.0	5	6.5	29
9/9/2022	7.7	4	1.3	1	4.9	9	6.2	25
9/10/2022	9.4	5	1.3	1	2.8	5	8.6	38
9/11/2022	8.3	4	1.3	0	0.9	2	4.4	17
9/12/2022	8.8	5	3.1	1	2.0	5	4.9	21
9/13/2022	9.4	5	1.8	1	4.9	9	6.4	25
9/14/2022	8.3	4	2.6	1	4.8	9	6.4	25
9/15/2022	19.4	9	3.4	1	5.4	9	8.8	38
9/16/2022	17.9	8	2.9	1	5.9	11	10.7	46
9/17/2022	10.7	6	1.8	1	4.4	7	13.5	54
9/18/2022	6.4	3	2.1	1	4.6	9	12.4	52
9/19/2022	9.0	5	1.8	1	4.4	9	11.4	46
9/20/2022	12.0	6	2.6	1	5.6	11	10.6	46
9/21/2022	8.5	5	2.9	1	4.8	9	9.7	42
9/22/2022	7.9	4	2.1	1	5.1	9	6.1	25
9/23/2022	8.6	5	3.1	1	7.0	14	3.6	17
9/24/2022	6.8	4	3.7	1	5.6	9	5.8	25
9/25/2022	10.3	5	2.6	1	3.5	7	6.9	29
9/26/2022	5.5	3	2.1	1	4.9	9	4.8	21
9/27/2022	4.1	2	3.4	1	5.9	11	4.2	17
9/28/2022	11.7	6	3.7	1	5.3	9	5.1	21
9/29/2022	17.7	8	3.1	1	6.3	11	4.5	21
9/30/2022	15.2	8	3.1	1	3.3	7	5.7	25

ID: Invalid Day (fewer than 18 hours of valid data)

Appendix A-2: TA Lowery Elementary School Monitoring Statistics

TA Lowery Elementary School								
Day	NO ₂		SO ₂		CH ₂ O		PM _{2.5}	
	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	24-Hour Avg. (µg/m ³)	Daily AQI
7/1/2022	18.2	9	0.0	0	5.9	11	10.2	42
7/2/2022	16.0	8	-0.5	0	4.9	9	8.8	38
7/3/2022	19.7	10	0.0	0	1.9	2	11.6	50
7/4/2022	17.5	8	0.5	0	2.0	5	13.6	54
7/5/2022	28.2	14	0.3	0	5.5	9	11.8	50
7/6/2022	8.8	5	0.0	0	4.6	9	5.6	25
7/7/2022	15.0	8	-0.5	0	2.8	5	4.9	21
7/8/2022	30.1	15	-0.3	0	5.4	9	8.6	38
7/9/2022	10.3	5	-0.3	0	3.0	5	6.7	29
7/10/2022	13.0	7	0.3	0	0.6	0	10.2	42
7/11/2022	19.4	9	0.3	0	0.4	0	10.6	46
7/12/2022	ID	5	0.3	0	4.0	7	7.7	33
7/13/2022	12.4	7	1.0	0	3.3	7	8.8	38
7/14/2022	19.2	9	2.1	1	3.1	5	9.0	38
7/15/2022	23.9	12	0.8	0	3.9	7	9.7	42
7/16/2022	20.7	10	0.8	0	3.8	7	11.1	46
7/17/2022	11.3	6	0.0	0	12.4	23	8.5	38
7/18/2022	15.8	8	0.0	0	10.4	18	7.2	29
7/19/2022	26.7	13	0.8	0	3.9	7	9.3	38
7/20/2022	13.9	7	1.8	1	5.3	9	10.2	42
7/21/2022	11.7	6	0.8	0	9.0	16	10.2	42
7/22/2022	12.8	7	2.6	1	7.3	14	14.4	56
7/23/2022	11.7	6	2.1	1	10.3	18	12.5	52
7/24/2022	16.4	8	0.8	0	12.8	23	10.2	42
7/25/2022	18.4	9	0.8	0	16.8	30	8.6	38
7/26/2022	11.1	6	2.4	1	6.8	11	6.8	29
7/27/2022	12.6	7	0.8	0	8.5	16	6.8	29
7/28/2022	22.2	11	0.8	0	5.8	11	6.0	25
7/29/2022	17.5	8	0.8	0	4.6	9	7.1	29
7/30/2022	14.9	8	2.4	1	5.5	9	5.9	25
7/31/2022	12.8	7	1.3	0	4.3	7	7.2	29

ID: Invalid Day (fewer than 18 hours of valid data)

Appendix A-2: TA Lowery Elementary School Monitoring Statistics

TA Lowery Elementary School								
Day	NO ₂		SO ₂		CH ₂ O		PM _{2.5}	
	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	24-Hour Avg. (µg/m ³)	Daily AQI
8/1/2022	11.1	6	0.8	0	3.4	7	5.7	25
8/2/2022	14.5	8	1.6	1	4.4	7	8.0	33
8/3/2022	16.2	8	1.6	1	4.3	7	10.6	46
8/4/2022	13.9	7	1.3	1	6.8	11	8.9	38
8/5/2022	10.5	6	0.8	0	4.1	7	5.4	21
8/6/2022	6.6	3	0.8	0	3.9	7	5.6	25
8/7/2022	5.3	3	0.8	0	4.4	7	5.5	25
8/8/2022	16.2	8	1.0	0	5.9	11	5.9	25
8/9/2022	12.2	6	2.4	1	6.6	11	7.5	33
8/10/2022	10.2	5	3.7	1	5.3	9	7.4	29
8/11/2022	10.2	5	3.1	1	5.0	9	7.1	29
8/12/2022	19.6	9	2.9	1	4.5	9	5.8	25
8/13/2022	16.0	8	2.9	1	3.8	7	5.3	21
8/14/2022	16.0	8	2.1	1	3.6	7	5.7	25
8/15/2022	16.7	8	1.8	1	2.0	5	5.2	21
8/16/2022	21.2	10	2.1	1	3.4	7	7.1	29
8/17/2022	23.9	12	11.3	6	3.9	7	8.1	33
8/18/2022	23.3	11	8.6	4	4.1	7	7.2	29
8/19/2022	23.5	11	3.4	1	4.1	7	8.4	33
8/20/2022	23.1	11	2.6	1	3.6	7	8.0	33
8/21/2022	21.1	10	1.8	1	2.0	5	4.4	17
8/22/2022	8.3	4	1.8	1	3.3	7	4.9	21
8/23/2022	17.9	8	2.6	1	4.3	7	7.4	29
8/24/2022	21.4	10	7.6	4	5.3	9	10.1	42
8/25/2022	15.8	8	3.4	1	5.0	9	11.0	46
8/26/2022	19.9	10	2.9	1	5.4	9	10.6	46
8/27/2022	21.6	11	2.4	1	3.1	5	10.7	46
8/28/2022	8.5	4	2.9	1	5.4	9	11.8	50
8/29/2022	ID	5	ID	1	ID	9	10.9	46
8/30/2022	23.3	11	2.6	1	5.1	9	8.0	33
8/31/2022	22.0	11	3.4	1	3.4	7	7.4	29

ID: Invalid Day (fewer than 18 hours of valid data)

Appendix A-2: TA Lowery Elementary School Monitoring Statistics

TA Lowery Elementary School								
Day	NO ₂		SO ₂		CH ₂ O		PM _{2.5}	
	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	Max. 1-Hour Avg. (µg/m ³)	Max. AQI	24-Hour Avg. (µg/m ³)	Daily AQI
9/1/2022	29.7	15	3.4	1	5.6	9	6.3	25
9/2/2022	25.8	13	3.1	1	5.3	9	6.5	29
9/3/2022	14.3	8	2.6	1	3.3	7	8.0	33
9/4/2022	17.7	8	2.6	1	3.4	7	8.4	33
9/5/2022	26.1	13	2.6	1	3.0	5	7.2	29
9/6/2022	7.3	4	3.9	1	2.8	5	3.9	17
9/7/2022	7.9	4	1.8	1	1.1	2	3.5	17
9/8/2022	21.4	10	2.6	1	2.9	5	5.2	21
9/9/2022	11.8	6	2.6	1	4.1	7	6.1	25
9/10/2022	12.2	6	2.6	1	2.6	5	9.6	42
9/11/2022	8.5	5	2.1	1	0.4	0	3.9	17
9/12/2022	12.4	7	2.9	1	2.3	5	4.5	21
9/13/2022	13.3	7	2.9	1	2.6	5	6.4	25
9/14/2022	20.1	10	3.7	1	3.1	5	6.3	25
9/15/2022	27.3	14	4.5	3	2.9	5	8.8	38
9/16/2022	28.0	14	4.2	3	3.5	7	11.0	46
9/17/2022	17.9	8	3.1	1	4.1	7	13.9	55
9/18/2022	26.1	13	2.9	1	3.6	7	12.5	52
9/19/2022	11.3	6	2.6	1	4.1	7	11.2	46
9/20/2022	22.0	11	3.9	1	3.3	7	9.8	42
9/21/2022	20.1	10	3.9	3	4.1	7	9.9	42
9/22/2022	12.6	7	6.3	3	3.3	7	6.0	25
9/23/2022	10.0	5	4.2	3	3.0	5	3.4	13
9/24/2022	13.9	7	4.7	3	2.3	5	5.4	21
9/25/2022	ID	7	3.7	1	2.5	5	6.7	29
9/26/2022	ID	ID	3.4	1	1.6	2	4.1	17
9/27/2022	ID	ID	4.2	3	2.1	5	4.2	17
9/28/2022	ID	ID	4.7	3	1.5	2	4.1	17
9/29/2022	ID	ID	3.9	1	1.9	2	4.2	17
9/30/2022	ID	5	4.5	3	1.4	2	5.7	25

ID: Invalid Day (fewer than 18 hours of valid data)

APPENDIX B JULY 1, 2022 – SEPTEMBER 30, 2022 DATA RECORD

- Appendix B-1: North Jefferson Elementary School Data Record
- Appendix B-2: TA Lowery Elementary School Data Record

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/01/2022	01:00	4.7	-1.0	IO	11.4	70.3	74.3	2.8	157.8	29.48	0.000
	02:00	4.7	-1.0	IO	11.7	69.0	80.0	2.4	186.1	29.47	0.000
	03:00	4.1	-1.3	IO	12.2	69.7	79.0	2.0	169.2	29.46	0.000
	04:00	4.7	-1.0	IO	13.0	69.8	81.7	3.5	180.5	29.46	0.000
	05:00	5.6	-1.3	IO	13.4	68.4	85.2	3.1	154.6	29.46	0.000
	06:00	6.0	-1.3	IO	13.5	69.5	85.1	3.8	174.1	29.46	0.000
	07:00	5.8	-1.3	IO	13.3	73.1	78.8	3.3	173.0	29.46	0.000
	08:00	5.5	-1.0	IO	13.0	77.0	73.4	3.4	195.9	29.46	0.000
	09:00	4.9	-1.0	IO	13.2	80.7	68.6	4.7	180.6	29.45	0.000
	10:00	3.8	-1.0	IO	12.5	84.4	62.3	5.3	187.2	29.44	0.000
	11:00	3.2	-1.3	IO	12.3	85.8	59.9	4.8	182.1	29.44	0.000
	12:00	2.6	-1.3	IO	11.8	85.8	60.8	4.5	213.5	29.43	0.138
	13:00	4.1	-1.6	IO	6.7	70.7	94.0	1.4	331.0	29.44	0.501
	14:00	4.5	-1.6	IO	CI	76.3	88.8	1.8	170.3	29.40	0.000
	15:00	3.2	-1.3	IO	7.9	81.7	76.6	3.3	145.9	29.39	0.000
	16:00	3.0	-1.6	IO	8.6	79.5	77.0	5.9	199.6	29.38	0.004
	17:00	2.1	-1.6	IO	5.9	81.4	64.3	5.4	184.5	29.37	0.000
	18:00	2.4	-1.6	IO	5.6	80.6	69.3	6.1	202.4	29.37	0.000
	19:00	2.4	-1.8	IO	6.9	77.9	71.9	4.6	187.7	29.36	0.000
	20:00	3.4	-1.8	IO	8.5	75.9	78.7	4.6	193.3	29.35	0.000
21:00	3.9	-1.8	IO	10.7	75.6	81.5	5.3	213.3	29.34	0.000	
22:00	5.8	-1.8	IO	13.1	75.2	82.8	5.6	216.1	29.34	0.000	
23:00	ZS	-1.8	IO	9.5	74.6	83.2	3.7	195.1	29.34	0.000	
00:00	6.4	ZS	IO	10.0	72.9	89.4	3.0	160.6	29.33	0.000	
Minimum		2.1	-1.8	ID	5.6	68.4	59.9	1.4	145.9	29.33	0.00
Maximum		6.4	-1.0	ID	13.5	85.8	94.0	6.1	331.0	29.48	0.50
Average (Total)		4.2	-1.4	ID	10.6	76.1	76.9	3.9	189.8	29.41	(0.64)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/02/2022	01:00	7.1	-1.6	IO	10.2	71.8	93.4	3.1	168.1	29.32	0.000
	02:00	7.0	-1.6	IO	10.5	72.7	90.9	4.0	204.6	29.32	0.000
	03:00	6.8	-1.6	IO	10.9	71.8	92.5	2.6	167.9	29.31	0.000
	04:00	7.1	-1.6	IO	11.2	71.0	94.7	0.4	65.2	29.33	0.000
	05:00	8.3	-1.6	IO	11.3	70.2	96.5	1.0	21.8	29.33	0.000
	06:00	8.3	-1.6	IO	11.2	70.4	97.5	2.9	134.8	29.32	0.000
	07:00	7.0	-1.8	IO	10.7	72.8	89.6	2.5	223.7	29.33	0.000
	08:00	4.7	-1.8	IO	9.6	74.9	83.2	3.3	214.3	29.34	0.000
	09:00	3.8	-1.6	IO	8.7	77.7	73.6	2.7	227.5	29.34	0.000
	10:00	3.4	-1.6	IO	8.4	80.8	66.8	4.4	232.7	29.34	0.000
	11:00	2.6	-1.3	IO	7.4	84.0	57.2	4.7	239.0	29.34	0.000
	12:00	2.6	-1.0	IO	7.7	86.4	54.7	6.2	246.3	29.33	0.000
	13:00	2.3	-1.0	IO	8.4	87.0	55.6	5.3	231.4	29.33	0.000
	14:00	2.1	-0.8	IO	8.4	86.4	60.4	6.0	185.7	29.32	0.000
	15:00	1.9	-1.3	IO	8.3	86.5	60.8	5.6	184.7	29.31	0.000
	16:00	1.9	-1.3	IO	8.2	86.4	60.9	8.7	193.2	29.29	0.000
	17:00	2.1	-1.6	IO	8.0	85.8	61.2	4.2	179.9	29.29	0.000
	18:00	2.4	-1.6	IO	6.1	76.8	73.7	8.1	23.6	29.31	0.000
	19:00	2.1	-1.6	IO	5.4	74.8	81.1	0.4	150.0	29.32	0.000
	20:00	4.1	-1.8	IO	6.3	73.3	87.5	1.9	33.8	29.33	0.000
21:00	7.0	-1.8	IO	39.5	70.9	93.3	0.5	169.4	29.33	0.000	
22:00	8.1	-1.8	IO	38.9	70.8	94.1	1.6	191.2	29.35	0.000	
23:00	ZS	-1.8	IO	12.3	72.2	89.7	1.0	80.3	29.34	0.000	
00:00	8.3	ZS	IO	10.1	71.1	93.5	0.5	130.9	29.35	0.000	
Minimum		1.9	-1.8	ID	5.4	70.2	54.7	0.4	21.8	29.29	0.00
Maximum		8.3	-0.8	ID	39.5	87.0	97.5	8.7	246.3	29.35	0.00
Average (Total)		4.8	-1.5	ID	11.6	76.9	79.3	3.4	162.5	29.33	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/03/2022	01:00	8.6	-1.3	IO	11.5	71.4	93.6	0.9	325.6	29.36	0.000
	02:00	8.5	-1.3	IO	12.5	71.4	94.7	2.1	343.1	29.37	0.000
	03:00	7.7	-1.6	IO	13.7	71.8	91.9	3.0	342.8	29.37	0.000
	04:00	7.0	-1.3	IO	14.0	71.6	92.8	2.8	348.5	29.38	0.004
	05:00	5.6	-1.6	IO	12.7	71.3	84.8	2.8	325.4	29.38	0.000
	06:00	4.7	-1.6	IO	11.8	70.2	82.6	2.2	315.6	29.41	0.000
	07:00	4.7	-1.8	IO	10.8	70.3	77.7	2.4	331.2	29.43	0.000
	08:00	4.3	-1.6	IO	9.7	70.6	71.5	2.7	307.2	29.44	0.000
	09:00	4.7	-1.3	IO	9.1	71.8	66.1	3.3	330.5	29.45	0.000
	10:00	3.9	-1.0	IO	9.1	74.0	60.2	4.7	318.8	29.47	0.000
	11:00	3.0	-1.0	IO	8.9	76.4	55.1	4.9	341.0	29.47	0.000
	12:00	2.4	-1.0	IO	9.1	79.8	47.6	4.3	348.8	29.47	0.000
	13:00	2.3	-1.0	IO	9.5	82.1	43.8	3.3	0.9	29.45	0.000
	14:00	2.3	-1.0	IO	9.9	83.4	41.9	2.5	347.8	29.44	0.000
	15:00	2.1	-1.0	IO	10.6	85.4	36.4	4.5	358.9	29.44	0.000
	16:00	2.1	-0.8	IO	10.4	86.3	36.7	2.3	354.4	29.43	0.000
	17:00	1.9	-1.0	IO	9.8	86.2	36.6	3.3	26.5	29.42	0.000
	18:00	5.1	-0.8	IO	9.4	85.8	36.1	4.8	6.4	29.42	0.000
	19:00	3.4	-1.0	IO	9.5	84.0	40.4	3.5	355.5	29.43	0.000
	20:00	6.2	-1.0	IO	11.8	77.5	56.0	1.8	331.4	29.44	0.000
21:00	9.8	-0.3	IO	27.6	70.6	74.5	1.3	309.0	29.46	0.000	
22:00	17.1	-0.3	IO	95.9	67.6	79.9	0.4	334.1	29.48	0.000	
23:00	ZS	0.3	IO	88.1	65.6	83.3	0.4	225.2	29.50	0.000	
00:00	11.3	ZS	IO	39.0	63.6	87.2	0.3	175.0	29.51	0.000	
Minimum		1.9	-1.8	ID	8.9	63.6	36.1	0.3	0.9	29.36	0.00
Maximum		17.1	0.3	ID	95.9	86.3	94.7	4.9	358.9	29.51	0.00
Average (Total)		5.6	-1.1	ID	19.4	75.4	65.5	2.7	283.5	29.43	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/04/2022	01:00	8.8	-0.8	IO	25.0	61.6	91.7	0.2	2.2	29.52	0.000
	02:00	8.6	-1.0	IO	18.9	61.8	87.5	0.7	330.4	29.53	0.000
	03:00	7.0	-1.0	IO	15.9	59.9	88.6	0.2	210.2	29.53	0.000
	04:00	6.4	-1.0	IO	14.1	58.4	92.4	1.1	199.6	29.53	0.000
	05:00	5.1	-1.3	IO	13.0	56.4	93.9	0.0	0.0	29.54	0.000
	06:00	4.1	-1.3	IO	11.2	58.2	87.8	0.3	147.2	29.56	0.000
	07:00	5.5	-1.3	IO	14.1	65.5	70.7	1.8	109.9	29.57	0.000
	08:00	4.3	-1.0	IO	13.8	69.8	62.0	1.7	99.6	29.59	0.000
	09:00	3.6	-1.3	IO	11.4	73.4	49.4	2.4	3.5	29.59	0.000
	10:00	2.8	-0.8	IO	8.9	75.6	46.9	3.1	0.3	29.59	0.000
	11:00	2.3	-0.8	IO	7.2	78.8	40.6	1.9	58.1	29.58	0.000
	12:00	2.1	-0.8	IO	7.1	81.4	34.6	2.3	49.6	29.58	0.000
	13:00	2.6	-0.8	IO	7.4	82.9	35.3	2.5	67.7	29.56	0.000
	14:00	2.1	-0.8	IO	7.6	83.8	33.3	2.1	68.0	29.53	0.000
	15:00	1.7	-0.8	IO	7.8	84.1	32.3	1.4	220.4	29.52	0.000
	16:00	1.7	-0.8	IO	8.7	84.8	33.2	1.9	188.4	29.51	0.000
	17:00	1.9	-0.8	IO	9.3	85.4	34.2	2.3	84.4	29.51	0.000
	18:00	3.0	-1.0	IO	8.5	84.2	40.0	4.9	65.7	29.50	0.000
	19:00	2.8	-1.0	IO	8.4	79.8	50.2	2.1	75.5	29.50	0.000
	20:00	3.8	-1.3	IO	9.0	74.1	63.5	0.9	111.9	29.51	0.000
21:00	3.6	-1.3	IO	9.5	69.4	75.3	0.8	151.0	29.52	0.000	
22:00	5.1	-0.8	IO	15.8	68.0	75.9	3.0	156.3	29.52	0.000	
23:00	ZS	-0.8	IO	30.9	67.9	75.6	2.9	168.4	29.51	0.000	
00:00	4.5	ZS	IO	23.9	71.1	63.1	2.7	174.5	29.50	0.000	
Minimum		1.7	-1.3	ID	7.1	56.4	32.3	0.0	0.0	29.50	0.00
Maximum		8.8	-0.8	ID	30.9	85.4	93.9	4.9	330.4	29.59	0.00
Average (Total)		4.1	-1.0	ID	12.8	72.3	60.7	1.8	114.3	29.54	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/05/2022	01:00	3.0	-1.0	IO	16.6	68.2	71.8	2.0	157.3	29.48	0.000
	02:00	2.4	-1.3	IO	11.8	69.3	69.5	2.5	161.3	29.46	0.000
	03:00	2.6	-1.0	IO	11.3	70.2	68.8	2.3	176.5	29.46	0.000
	04:00	2.8	-1.3	IO	11.1	69.7	71.9	2.7	145.4	29.46	0.000
	05:00	3.4	-1.3	IO	11.3	69.1	75.2	2.7	170.2	29.45	0.000
	06:00	4.1	-1.3	IO	11.8	70.3	73.0	3.2	174.1	29.44	0.000
	07:00	3.6	-1.3	IO	11.5	72.4	70.9	2.2	164.0	29.44	0.000
	08:00	4.9	-1.3	IO	11.5	74.0	69.0	3.4	169.8	29.43	0.000
	09:00	3.6	-1.0	IO	12.5	77.5	64.5	5.4	156.8	29.40	0.000
	10:00	2.8	-1.0	IO	13.7	81.0	60.7	6.4	179.0	29.38	0.000
	11:00	2.4	-1.3	IO	13.1	81.6	60.0	6.3	186.5	29.37	0.000
	12:00	2.4	-1.3	IO	13.1	77.2	75.2	8.9	195.3	29.37	0.132
	13:00	2.4	-1.3	IO	11.8	75.1	88.2	6.6	185.1	29.32	0.000
	14:00	2.4	-1.6	IO	11.5	77.9	79.7	9.1	207.9	29.30	0.000
	15:00	3.6	-1.6	IO	11.6	81.3	72.7	4.5	235.6	29.29	0.000
	16:00	3.8	-1.6	IO	12.2	83.6	68.1	4.5	229.2	29.28	0.000
	17:00	2.8	-1.6	IO	11.3	85.3	65.4	5.0	213.1	29.26	0.000
	18:00	2.6	-1.6	IO	10.2	85.1	65.3	4.6	232.2	29.25	0.000
	19:00	2.8	-1.6	IO	8.9	83.0	72.2	4.7	189.1	29.25	0.000
	20:00	3.8	-1.6	IO	7.9	80.6	73.8	4.8	212.5	29.25	0.000
21:00	4.1	-1.6	IO	6.3	78.7	70.3	4.6	228.1	29.26	0.000	
22:00	3.6	-1.8	IO	5.5	77.2	70.2	3.2	210.7	29.25	0.000	
23:00	ZS	-1.8	IO	6.7	75.7	80.1	4.8	215.2	29.26	0.000	
00:00	8.1	ZS	IO	6.9	75.3	81.6	3.6	235.3	29.27	0.000	
Minimum		2.4	-1.8	ID	5.5	68.2	60.0	2.0	145.4	29.25	0.00
Maximum		8.1	-1.0	ID	16.6	85.3	88.2	9.1	235.6	29.48	0.13
Average (Total)		3.4	-1.4	ID	10.8	76.6	71.6	4.5	192.9	29.35	(0.13)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/06/2022	01:00	8.3	-1.8	IO	6.8	73.0	86.8	3.4	215.1	29.27	0.000
	02:00	8.3	-2.1	IO	6.0	71.9	89.2	5.0	217.3	29.27	0.000
	03:00	8.6	-1.8	IO	6.0	71.3	89.3	6.0	212.5	29.27	0.000
	04:00	7.9	-1.8	IO	5.7	71.3	87.6	6.1	225.2	29.27	0.000
	05:00	6.6	-1.8	IO	5.5	72.2	83.6	6.5	220.9	29.29	0.000
	06:00	6.4	-1.8	IO	5.7	72.4	82.1	5.2	231.0	29.29	0.000
	07:00	4.5	-1.6	IO	6.3	75.2	76.1	5.6	243.0	29.29	0.000
	08:00	3.8	-1.6	IO	7.2	78.6	70.6	5.0	240.1	29.29	0.000
	09:00	4.1	-1.3	IO	7.8	80.4	67.3	4.6	232.6	29.28	0.000
	10:00	2.8	-1.6	IO	6.1	81.9	63.6	4.9	239.4	29.28	0.000
	11:00	2.4	-1.6	IO	5.5	84.2	58.9	6.8	253.4	29.28	0.000
	12:00	2.3	-1.6	IO	4.1	87.3	49.3	6.6	282.5	29.29	0.000
	13:00	2.1	-1.3	IO	4.4	87.9	50.5	6.4	259.4	29.29	0.000
	14:00	2.1	-1.3	IO	4.7	88.1	51.6	5.3	238.6	29.28	0.000
	15:00	1.9	-1.3	IO	4.9	89.5	49.1	6.5	245.5	29.26	0.000
	16:00	2.1	-1.6	IO	5.1	90.9	44.9	3.3	271.0	29.24	0.000
	17:00	4.1	-1.3	IO	5.2	88.1	53.3	3.1	6.8	29.24	0.000
	18:00	4.3	-1.6	IO	5.2	84.9	66.6	2.5	31.6	29.24	0.000
	19:00	3.9	-1.6	IO	5.3	83.7	70.7	1.7	331.1	29.26	0.000
	20:00	7.9	-1.8	IO	5.5	82.4	75.1	2.3	354.9	29.26	0.000
21:00	13.7	-1.8	IO	6.6	80.7	77.0	4.6	5.4	29.28	0.000	
22:00	7.1	-1.8	IO	6.9	76.2	85.0	6.1	359.7	29.29	0.000	
23:00	ZS	-2.1	IO	6.8	74.3	89.9	4.7	11.6	29.30	0.000	
00:00	5.3	ZS	IO	6.3	73.5	91.2	6.4	353.0	29.30	0.000	
Minimum		1.9	-2.1	ID	4.1	71.3	44.9	1.7	5.4	29.24	0.00
Maximum		13.7	-1.3	ID	7.8	90.9	91.2	6.8	359.7	29.30	0.00
Average (Total)		5.2	-1.6	ID	5.8	80.0	71.2	4.9	220.1	29.28	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/07/2022	01:00	4.7	-2.1	IO	5.6	73.2	89.3	4.4	16.5	29.30	0.000
	02:00	4.7	-2.1	IO	3.9	72.8	90.1	5.6	358.2	29.30	0.000
	03:00	5.8	-2.1	IO	3.8	71.7	92.2	5.1	352.4	29.31	0.000
	04:00	5.5	-2.1	IO	4.3	70.8	92.0	5.0	0.0	29.31	0.000
	05:00	7.0	-2.1	IO	4.6	70.4	91.3	5.7	2.4	29.32	0.000
	06:00	7.7	-1.8	IO	5.2	70.0	89.6	5.0	11.7	29.33	0.000
	07:00	10.2	-1.8	IO	5.1	70.3	85.6	4.1	10.2	29.35	0.000
	08:00	11.8	-1.6	IO	11.0	70.2	87.1	4.7	2.9	29.36	0.000
	09:00	7.7	-1.6	IO	4.9	69.1	94.4	4.8	358.9	29.36	0.068
	10:00	4.9	-1.8	IO	4.3	70.9	89.5	3.6	9.5	29.36	0.000
	11:00	4.9	-1.8	IO	4.6	73.4	81.3	2.7	28.9	29.37	0.000
	12:00	3.2	-1.8	IO	4.3	75.7	73.5	1.8	324.8	29.37	0.000
	13:00	3.6	-1.8	IO	4.9	76.6	73.0	3.2	316.2	29.37	0.000
	14:00	3.8	-1.8	IO	5.7	78.2	68.4	2.8	354.4	29.37	0.000
	15:00	3.6	-1.8	IO	5.9	79.6	65.2	3.6	5.5	29.36	0.000
	16:00	3.0	-1.8	IO	6.1	80.6	64.0	3.3	40.3	29.34	0.000
	17:00	3.0	-1.6	IO	6.0	81.5	62.5	2.1	78.1	29.33	0.000
	18:00	2.3	-1.8	IO	5.8	80.8	64.7	2.0	98.4	29.33	0.000
	19:00	2.3	-1.8	IO	5.1	79.5	69.2	1.9	118.3	29.33	0.000
	20:00	3.6	-1.8	IO	4.9	76.3	77.7	1.4	146.7	29.34	0.000
21:00	6.8	-2.1	IO	5.1	74.2	83.2	2.0	174.6	29.35	0.000	
22:00	4.7	-2.1	IO	5.1	71.9	89.1	1.3	144.3	29.37	0.000	
23:00	ZS	-2.1	IO	5.3	70.8	92.1	2.3	127.4	29.37	0.000	
00:00	7.5	ZS	IO	6.4	69.8	93.5	1.5	123.7	29.37	0.000	
Minimum		2.3	-2.1	ID	3.8	69.1	62.5	1.3	0.0	29.30	0.00
Maximum		11.8	-1.6	ID	11.0	81.5	94.4	5.7	358.9	29.37	0.07
Average (Total)		5.3	-1.9	ID	5.3	74.1	81.6	3.3	133.5	29.34	(0.07)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/08/2022	01:00	6.4	-1.6	IO	24.1	70.1	93.9	2.4	130.2	29.37	0.000
	02:00	14.1	-1.8	IO	9.9	69.3	95.1	1.8	111.5	29.37	0.000
	03:00	15.8	-2.1	IO	8.6	68.7	96.1	1.9	110.8	29.36	0.000
	04:00	8.8	-1.8	IO	9.8	69.0	97.2	2.1	119.3	29.36	0.000
	05:00	6.6	-1.8	IO	10.2	69.0	97.7	2.1	135.4	29.36	0.000
	06:00	5.5	-1.8	IO	10.0	69.7	98.1	2.5	171.9	29.38	0.000
	07:00	3.8	-1.8	IO	8.4	72.1	92.2	2.5	178.9	29.39	0.000
	08:00	3.4	-2.1	IO	7.4	75.1	82.9	2.6	188.7	29.39	0.000
	09:00	3.0	-1.8	IO	7.4	75.8	81.5	2.6	140.5	29.41	0.000
	10:00	3.9	-1.8	IO	7.8	77.6	77.7	3.0	95.2	29.40	0.000
	11:00	3.2	-1.8	IO	7.4	79.7	73.5	3.5	91.0	29.40	0.000
	12:00	3.0	-1.8	IO	8.0	81.9	67.9	2.8	86.0	29.39	0.000
	13:00	2.4	-1.8	IO	8.0	82.5	68.6	4.5	93.8	29.38	0.000
	14:00	3.4	-1.8	IO	8.7	83.0	68.0	4.4	71.9	29.37	0.000
	15:00	2.8	-1.8	IO	8.7	83.3	68.2	4.1	103.8	29.36	0.000
	16:00	1.9	-1.8	IO	8.7	84.0	65.5	4.3	119.7	29.35	0.000
	17:00	1.9	-1.8	IO	8.7	83.0	67.6	3.8	102.9	29.34	0.000
	18:00	2.3	-1.8	IO	9.3	82.3	69.5	3.0	104.6	29.34	0.000
	19:00	2.8	-1.8	IO	9.2	81.2	73.4	1.1	79.0	29.35	0.000
	20:00	6.2	-1.8	IO	9.4	78.8	82.6	1.0	309.0	29.36	0.000
21:00	6.4	-1.8	IO	10.6	77.6	86.4	1.1	165.5	29.36	0.000	
22:00	4.7	-1.8	IO	10.6	76.7	90.4	2.1	131.2	29.36	0.000	
23:00	ZS	-2.1	IO	9.6	75.9	92.4	2.2	68.6	29.35	0.000	
00:00	8.6	ZS	IO	8.9	75.2	93.0	1.8	126.5	29.35	0.004	
Minimum		1.9	-2.1	ID	7.4	68.7	65.5	1.0	68.6	29.34	0.00
Maximum		15.8	-1.6	ID	24.1	84.0	98.1	4.5	309.0	29.41	0.00
Average (Total)		5.3	-1.8	ID	9.6	76.7	82.5	2.6	126.5	29.37	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/09/2022	01:00	4.5	-2.1	IO	8.1	74.5	91.9	2.7	195.4	29.35	0.004
	02:00	2.6	-2.1	IO	8.1	72.6	90.5	2.8	299.6	29.37	0.200
	03:00	2.1	-2.1	IO	7.2	70.1	95.1	1.4	8.4	29.36	0.132
	04:00	4.7	-2.1	IO	5.2	69.4	96.1	3.8	81.7	29.34	0.000
	05:00	4.1	-2.1	IO	7.0	69.6	95.0	3.3	1.6	29.35	0.004
	06:00	5.1	-2.1	IO	7.7	69.3	96.2	3.2	349.7	29.36	0.000
	07:00	4.9	-2.1	IO	6.9	69.7	94.4	3.8	346.9	29.38	0.000
	08:00	5.1	-2.1	IO	6.6	70.2	93.7	4.2	352.4	29.39	0.012
	09:00	4.9	-1.8	IO	6.7	70.6	93.9	3.7	20.8	29.39	0.024
	10:00	7.1	-1.8	IO	7.4	70.4	95.3	3.6	34.4	29.41	0.008
	11:00	5.3	-1.8	IO	6.7	70.4	95.1	4.5	60.7	29.42	0.028
	12:00	3.4	-2.1	IO	4.6	69.9	94.5	5.5	77.5	29.43	0.008
	13:00	2.3	-2.1	IO	5.5	69.2	94.7	4.3	79.2	29.43	0.024
	14:00	2.3	-2.1	IO	5.2	70.1	93.0	4.4	64.3	29.42	0.004
	15:00	2.1	-2.1	IO	6.3	70.3	88.2	5.3	57.0	29.42	0.000
	16:00	3.8	-2.1	IO	6.6	70.2	88.3	3.5	67.3	29.42	0.000
	17:00	3.8	-2.4	IO	6.7	70.6	86.3	2.4	66.2	29.42	0.000
	18:00	5.8	-2.1	IO	7.2	70.9	83.9	1.1	31.9	29.41	0.000
	19:00	3.4	-1.8	IO	7.8	70.7	86.2	1.8	352.6	29.42	0.000
	20:00	3.6	-1.8	IO	8.2	69.9	88.1	2.3	15.4	29.41	0.000
21:00	5.1	-1.8	IO	8.8	69.0	91.1	2.4	37.6	29.42	0.000	
22:00	5.8	-1.8	IO	10.9	68.3	93.8	0.2	42.1	29.43	0.000	
23:00	ZS	-1.8	IO	20.4	67.2	96.6	0.4	195.4	29.44	0.000	
00:00	3.8	ZS	IO	13.6	65.9	98.1	0.5	136.9	29.43	0.000	
Minimum		2.1	-2.4	ID	4.6	65.9	83.9	0.2	1.6	29.34	0.00
Maximum		7.1	-1.8	ID	20.4	74.5	98.1	5.5	352.6	29.44	0.20
Average (Total)		4.2	-2.0	ID	7.9	69.9	92.5	3.0	124.0	29.40	(0.45)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/10/2022	01:00	5.8	-1.8	IO	12.4	65.2	98.7	0.3	289.9	29.43	0.000
	02:00	6.2	-1.8	IO	12.7	65.1	99.4	1.0	348.7	29.43	0.000
	03:00	6.6	-1.8	IO	10.4	65.0	99.5	1.2	333.2	29.42	0.000
	04:00	6.0	-2.1	IO	8.3	65.2	99.8	3.3	351.4	29.42	0.000
	05:00	7.0	-1.8	IO	7.5	64.9	100.0	3.3	3.9	29.43	0.000
	06:00	5.1	-1.8	IO	10.2	64.0	100.0	3.5	355.5	29.44	0.000
	07:00	3.6	-1.8	IO	9.3	63.4	99.9	4.4	2.5	29.45	0.000
	08:00	5.1	-1.3	IO	9.5	64.6	89.0	3.6	358.2	29.46	0.000
	09:00	3.6	-1.3	IO	7.9	69.6	69.3	3.4	3.5	29.46	0.000
	10:00	2.6	-1.6	IO	6.7	72.9	59.3	2.3	341.2	29.46	0.000
	11:00	2.4	-1.6	IO	7.0	74.4	59.8	1.1	50.9	29.46	0.000
	12:00	2.3	-1.6	IO	8.1	76.2	60.0	0.7	352.7	29.45	0.000
	13:00	3.2	-1.6	IO	8.9	77.7	59.3	1.9	44.1	29.44	0.000
	14:00	2.8	-1.6	IO	9.8	77.6	61.0	2.2	119.5	29.43	0.000
	15:00	2.1	-1.6	IO	10.3	79.5	54.0	2.6	188.8	29.41	0.000
	16:00	1.9	-1.6	IO	10.1	81.3	44.6	1.7	91.8	29.40	0.000
	17:00	1.7	-1.6	IO	10.2	81.4	43.1	2.4	144.3	29.38	0.000
	18:00	1.7	-1.8	IO	10.0	80.1	46.9	4.2	142.5	29.37	0.000
	19:00	2.1	-1.6	IO	10.2	77.8	53.4	4.1	145.1	29.36	0.000
	20:00	3.2	-1.8	IO	11.2	73.9	61.3	2.4	151.5	29.38	0.000
21:00	3.6	-1.8	IO	11.5	69.9	74.6	3.2	153.8	29.39	0.000	
22:00	3.8	-1.6	IO	11.5	68.9	79.9	2.9	165.3	29.39	0.000	
23:00	ZS	-1.6	IO	10.9	67.6	80.9	3.8	152.1	29.38	0.000	
00:00	3.4	ZS	IO	10.2	66.5	83.0	3.6	157.8	29.37	0.000	
Minimum		1.7	-2.1	ID	6.7	63.4	43.1	0.3	2.5	29.36	0.00
Maximum		7.0	-1.3	ID	12.7	81.4	100.0	4.4	358.2	29.46	0.00
Average (Total)		3.7	-1.7	ID	9.8	71.4	74.0	2.6	185.3	29.42	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/11/2022	01:00	3.2	-1.8	IO	10.4	66.4	83.7	5.0	195.3	29.37	0.000
	02:00	3.8	-1.6	IO	10.2	66.2	83.6	4.1	214.4	29.37	0.000
	03:00	5.1	-1.6	IO	10.9	63.8	89.7	3.2	154.7	29.36	0.000
	04:00	7.5	-1.6	IO	11.1	62.2	94.5	3.1	161.1	29.36	0.000
	05:00	4.9	-1.6	IO	11.0	61.6	95.2	3.3	174.6	29.36	0.000
	06:00	5.3	-1.8	IO	10.8	61.8	94.4	2.9	167.4	29.37	0.000
	07:00	5.1	-1.6	IO	10.8	64.7	88.1	3.8	176.9	29.39	0.000
	08:00	3.9	-1.6	IO	10.2	68.2	80.9	4.9	181.7	29.38	0.000
	09:00	2.8	-1.6	IO	9.8	71.4	72.6	4.4	190.6	29.38	0.000
	10:00	2.4	-1.6	IO	9.9	74.9	64.0	5.1	185.7	29.36	0.000
	11:00	2.1	-1.6	IO	10.3	77.3	56.9	5.6	179.9	29.36	0.000
	12:00	1.9	-1.6	IO	10.9	79.1	51.8	5.7	182.8	29.35	0.000
	13:00	QC	-1.6	IO	10.7	80.7	49.1	4.8	195.6	29.34	0.000
	14:00	QC	-1.6	IO	10.3	81.7	48.4	4.6	188.0	29.32	0.000
	15:00	QC	-1.6	IO	10.4	82.5	45.2	5.7	161.1	29.30	0.000
	16:00	QC	-1.6	IO	10.3	82.7	44.4	6.5	161.4	29.28	0.000
	17:00	QC	QC	IO	10.9	82.4	46.0	6.6	174.3	29.27	0.000
	18:00	QC	-1.3	IO	10.9	81.1	45.6	6.5	166.6	29.26	0.000
	19:00	2.1	-1.6	IO	10.6	79.1	50.7	5.8	153.0	29.24	0.000
	20:00	2.4	-1.6	IO	10.8	75.4	59.0	4.6	151.0	29.24	0.000
21:00	2.6	-1.6	IO	10.6	73.5	62.7	5.6	154.7	29.22	0.000	
22:00	2.6	-1.6	IO	10.6	72.4	63.9	4.9	158.7	29.23	0.000	
23:00	ZS	-1.6	IO	10.7	70.1	68.4	3.1	178.6	29.25	0.000	
00:00	3.2	ZS	IO	10.8	68.9	71.5	2.9	171.3	29.25	0.000	
Minimum		ID	-1.8	ID	9.8	61.6	44.4	2.9	151.0	29.22	0.00
Maximum		ID	-1.3	ID	11.1	82.7	95.2	6.6	214.4	29.39	0.00
Average (Total)		ID	-1.6	ID	10.6	72.8	67.1	4.7	174.1	29.32	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/12/2022	01:00	3.2	-1.3	IO	11.0	68.6	73.0	3.8	172.7	29.24	0.000
	02:00	3.2	-1.3	IO	11.3	68.7	74.1	5.3	190.3	29.22	0.000
	03:00	4.7	-1.3	IO	10.8	68.9	73.8	6.5	196.8	29.22	0.000
	04:00	5.5	-1.6	IO	10.8	66.6	80.1	4.9	176.5	29.21	0.000
	05:00	6.6	-1.3	IO	11.0	65.0	84.9	5.2	173.6	29.21	0.000
	06:00	6.8	-1.6	IO	10.6	65.2	84.8	4.6	172.1	29.20	0.000
	07:00	5.3	-1.6	IO	10.0	69.2	77.7	5.6	189.2	29.20	0.000
	08:00	3.9	-1.6	IO	9.1	73.6	69.9	5.9	198.8	29.20	0.000
	09:00	3.4	-1.6	IO	8.5	77.7	65.8	7.3	190.7	29.19	0.000
	10:00	2.8	-1.3	IO	7.8	82.1	60.9	7.4	197.6	29.18	0.000
	11:00	2.4	-1.6	IO	7.3	85.0	57.6	7.9	191.8	29.18	0.000
	12:00	2.3	-1.6	IO	7.5	87.2	54.5	9.2	200.5	29.17	0.000
	13:00	1.9	-1.6	IO	7.7	87.7	55.2	8.3	186.3	29.15	0.000
	14:00	1.9	-1.6	IO	7.6	88.7	55.5	9.5	177.3	29.13	0.000
	15:00	1.9	-1.3	IO	8.0	88.3	56.7	9.1	192.3	29.12	0.000
	16:00	4.9	-1.8	IO	5.9	76.2	76.4	7.1	37.4	29.14	0.028
	17:00	5.6	-1.8	IO	5.2	70.6	92.6	4.8	188.2	29.16	0.000
	18:00	4.1	-2.1	IO	4.2	70.4	91.9	5.6	195.5	29.16	0.000
	19:00	3.8	-2.1	IO	4.4	70.1	88.4	5.3	201.3	29.18	0.000
	20:00	3.9	-1.8	IO	7.7	70.1	88.7	3.3	176.5	29.19	0.000
21:00	4.5	-1.8	IO	5.5	69.2	93.9	3.0	172.9	29.20	0.000	
22:00	4.3	-1.8	IO	6.4	68.5	95.9	2.7	164.7	29.21	0.000	
23:00	ZS	-1.8	IO	6.4	68.4	96.1	2.7	168.6	29.23	0.000	
00:00	5.8	ZS	IO	7.0	68.5	95.6	3.1	188.8	29.23	0.000	
Minimum		1.9	-2.1	ID	4.2	65.0	54.5	2.7	37.4	29.12	0.00
Maximum		6.8	-1.3	ID	11.3	88.7	96.1	9.5	201.3	29.24	0.03
Average (Total)		4.0	-1.6	ID	8.0	73.9	76.8	5.8	179.2	29.19	(0.03)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/13/2022	01:00	6.0	-1.8	IO	7.5	67.7	96.1	2.8	146.2	29.25	0.000
	02:00	5.6	-1.8	IO	7.9	67.1	97.3	3.1	179.2	29.26	0.000
	03:00	5.3	-1.6	IO	9.7	69.5	90.7	5.2	221.8	29.26	0.000
	04:00	4.7	-1.6	IO	11.4	68.3	91.4	2.5	212.3	29.26	0.000
	05:00	6.0	-1.8	IO	11.9	65.1	96.9	1.3	235.7	29.27	0.000
	06:00	4.9	-1.8	IO	11.3	65.3	97.6	2.3	144.7	29.28	0.000
	07:00	5.1	-1.8	IO	9.7	71.0	88.1	2.6	191.4	29.30	0.000
	08:00	4.5	-1.8	IO	11.0	74.9	80.0	3.8	221.8	29.32	0.000
	09:00	3.8	-1.3	IO	11.4	77.3	74.9	3.9	210.6	29.33	0.000
	10:00	3.0	-0.3	IO	11.1	80.4	64.6	3.5	220.4	29.33	0.000
	11:00	QC	-1.0	IO	10.6	82.1	59.3	5.1	263.6	29.33	0.000
	12:00	QC	-1.3	IO	9.9	84.0	53.5	5.9	258.8	29.33	0.000
	13:00	QC	QC	IO	10.0	86.2	45.4	3.5	263.5	29.31	0.000
	14:00	2.3	QC	IO	10.0	86.8	45.3	5.1	213.1	29.29	0.000
	15:00	2.3	QC	IO	11.7	85.4	46.5	3.1	235.2	29.28	0.000
	16:00	2.4	0.3	IO	QC	86.5	43.5	1.4	167.3	29.27	0.000
	17:00	1.9	0.0	IO	8.1	86.7	44.1	2.9	206.6	29.26	0.000
	18:00	2.1	0.0	IO	7.7	85.9	49.5	4.0	202.7	29.26	0.000
	19:00	2.1	0.0	IO	7.2	84.1	50.1	2.7	218.7	29.28	0.000
	20:00	2.4	0.0	IO	9.2	77.7	55.1	2.7	257.7	29.29	0.000
21:00	4.5	-0.3	ER	9.7	70.9	73.3	1.1	246.5	29.30	0.000	
22:00	7.0	0.0	ER	9.9	68.6	80.2	2.2	272.0	29.31	0.000	
23:00	ZS	0.3	ER	10.4	68.3	74.8	2.4	266.7	29.31	0.000	
00:00	5.3	ZS	ER	9.4	66.5	78.5	1.4	166.2	29.33	0.000	
Minimum		1.9	-1.8	ID	7.2	65.1	43.5	1.1	144.7	29.25	0.00
Maximum		7.0	0.3	ID	11.9	86.8	97.6	5.9	272.0	29.33	0.00
Average (Total)		4.1	-0.9	ID	9.9	76.1	69.9	3.1	217.6	29.29	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/14/2022	01:00	6.4	0.5	ER	8.9	65.0	83.1	2.7	260.6	29.33	0.000
	02:00	6.6	0.3	ER	9.0	64.5	82.1	0.9	250.1	29.33	0.000
	03:00	6.6	0.5	ER	9.0	63.4	84.1	0.9	253.3	29.34	0.000
	04:00	7.0	0.0	ER	9.5	61.5	89.5	0.7	134.4	29.34	0.000
	05:00	9.6	0.0	ER	9.4	61.0	92.1	0.3	174.7	29.35	0.000
	06:00	10.0	0.0	ER	9.4	62.2	89.7	0.9	115.1	29.37	0.000
	07:00	8.6	0.3	ER	9.8	68.3	77.2	2.5	171.3	29.38	0.000
	08:00	6.8	0.8	ER	9.4	72.9	65.8	1.7	131.7	29.40	0.000
	09:00	8.6	1.6	ER	9.3	77.2	55.8	2.5	12.7	29.41	0.000
	10:00	7.3	1.8	ER	9.1	80.3	52.3	4.9	331.7	29.42	0.000
	11:00	4.5	1.6	ER	8.9	82.7	48.2	4.5	326.9	29.43	0.000
	12:00	3.8	1.3	QC	8.8	84.5	44.7	5.7	349.1	29.43	0.000
	13:00	3.4	0.8	QC	9.0	85.6	41.9	4.3	339.2	29.43	0.000
	14:00	3.2	0.5	QC	8.2	86.9	39.8	5.0	7.9	29.42	0.000
	15:00	2.8	0.8	5.0	8.1	87.1	41.2	6.0	27.9	29.41	0.000
	16:00	4.1	0.8	4.0	8.6	87.9	38.6	5.7	13.7	29.40	0.000
	17:00	3.2	0.8	3.8	8.4	87.6	37.8	5.5	10.4	29.40	0.000
	18:00	5.5	0.8	3.8	8.3	85.1	42.0	4.5	14.4	29.40	0.000
	19:00	4.5	0.5	3.1	7.4	83.6	43.9	3.5	0.3	29.40	0.000
	20:00	6.0	0.3	3.9	7.5	78.9	52.4	1.7	307.1	29.42	0.000
21:00	6.0	0.0	4.0	9.4	72.6	68.8	0.5	258.9	29.44	0.000	
22:00	8.3	0.0	4.3	10.1	68.7	79.7	0.7	253.1	29.47	0.000	
23:00	ZS	0.3	4.5	10.8	67.0	85.5	0.2	206.2	29.48	0.000	
00:00	8.8	ZS	3.9	9.7	65.9	88.3	1.2	302.9	29.49	0.000	
Minimum		2.8	0.0	ID	7.4	61.0	37.8	0.2	0.3	29.33	0.00
Maximum		10.0	1.8	ID	10.8	87.9	92.1	6.0	349.1	29.49	0.00
Average (Total)		6.2	0.6	ID	9.0	75.0	63.5	2.8	177.2	29.40	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/15/2022	01:00	9.0	0.5	ZS	9.3	64.5	86.8	0.4	335.8	29.49	0.000
	02:00	14.7	0.3	2.4	9.4	63.5	88.7	1.0	319.8	29.49	0.000
	03:00	13.7	0.3	1.9	9.5	63.8	86.5	2.0	142.5	29.49	0.000
	04:00	9.0	0.0	1.3	9.5	61.0	92.2	0.4	119.5	29.49	0.000
	05:00	12.6	0.0	1.0	9.4	60.0	94.6	0.7	326.2	29.50	0.000
	06:00	15.2	0.3	1.4	8.7	62.7	86.0	1.7	336.2	29.50	0.000
	07:00	14.5	0.8	2.6	8.8	66.8	70.5	1.9	1.4	29.51	0.000
	08:00	7.7	0.5	2.3	8.8	70.4	64.0	4.2	2.0	29.52	0.000
	09:00	6.0	0.3	1.4	9.0	73.7	59.3	3.1	355.6	29.52	0.000
	10:00	6.0	0.3	3.4	9.4	76.9	54.6	2.3	8.1	29.52	0.000
	11:00	4.7	0.5	5.0	9.1	79.7	51.2	2.2	37.6	29.53	0.000
	12:00	4.9	0.3	4.5	8.8	83.0	43.9	3.5	36.3	29.53	0.000
	13:00	3.6	0.5	1.8	7.7	85.2	36.5	3.7	30.4	29.51	0.000
	14:00	2.6	0.3	1.8	7.5	86.0	33.1	3.0	47.9	29.51	0.000
	15:00	3.6	0.5	2.4	7.8	84.6	36.4	1.5	89.4	29.49	0.000
	16:00	3.4	0.5	2.4	8.2	87.0	33.9	4.3	31.0	29.47	0.000
	17:00	2.8	0.5	2.3	7.9	85.6	35.5	4.6	55.6	29.46	0.000
	18:00	2.8	0.5	3.3	7.8	84.7	38.2	3.4	58.6	29.46	0.000
	19:00	3.2	0.5	3.1	7.8	80.7	47.9	2.1	87.1	29.46	0.000
	20:00	8.6	0.3	3.3	7.9	72.2	69.0	0.6	101.7	29.46	0.000
21:00	22.0	0.0	2.8	8.3	69.2	74.9	0.2	190.3	29.47	0.000	
22:00	10.0	0.3	4.0	9.7	68.1	77.1	0.3	172.1	29.49	0.000	
23:00	ZS	0.3	3.0	10.6	66.8	80.3	0.4	125.1	29.49	0.000	
00:00	11.7	ZS	3.4	10.7	64.9	86.4	0.6	101.7	29.48	0.000	
Minimum		2.6	0.0	1.0	7.5	60.0	33.1	0.2	1.4	29.46	0.00
Maximum		22.0	0.8	5.0	10.7	87.0	94.6	4.6	355.6	29.53	0.00
Average (Total)		8.4	0.4	2.6	8.8	73.4	63.6	2.0	129.7	29.49	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/16/2022	01:00	9.4	0.3	ZS	11.5	64.8	89.4	1.3	214.3	29.48	0.000
	02:00	6.6	0.3	2.5	10.5	64.3	87.4	0.5	157.6	29.47	0.000
	03:00	6.2	0.3	1.3	10.1	62.7	93.1	0.6	129.4	29.47	0.000
	04:00	6.4	0.3	1.5	10.3	63.0	92.4	0.8	136.0	29.46	0.000
	05:00	7.5	0.3	1.3	10.4	62.4	94.3	0.5	139.7	29.46	0.000
	06:00	9.4	0.3	1.0	10.4	62.9	95.3	0.5	316.5	29.47	0.000
	07:00	8.5	0.5	2.0	11.0	67.9	85.3	0.7	146.0	29.47	0.000
	08:00	11.5	0.0	2.3	11.3	67.7	84.3	2.5	349.3	29.48	0.000
	09:00	10.7	0.0	3.5	10.6	69.7	82.0	1.3	57.2	29.48	0.000
	10:00	6.4	0.0	4.6	9.9	72.1	77.8	2.0	104.4	29.47	0.000
	11:00	5.1	0.0	6.4	10.4	75.0	71.8	1.6	105.6	29.47	0.000
	12:00	3.8	0.0	5.6	10.2	76.0	72.3	5.0	162.8	29.46	0.000
	13:00	2.6	0.0	5.0	9.4	76.3	71.5	3.9	203.9	29.45	0.000
	14:00	2.4	0.0	4.8	10.0	79.3	65.9	5.0	243.5	29.43	0.000
	15:00	2.6	0.5	4.6	11.2	83.1	52.0	4.0	291.4	29.41	0.000
	16:00	2.8	0.5	4.4	10.9	83.7	47.4	3.7	291.8	29.39	0.000
	17:00	2.8	0.5	4.1	10.9	82.6	49.2	3.6	298.9	29.39	0.000
	18:00	4.7	0.5	5.3	10.5	82.5	53.6	3.8	51.8	29.38	0.000
	19:00	3.8	0.3	4.9	10.3	78.6	63.5	2.4	68.0	29.38	0.000
	20:00	4.9	0.0	3.9	10.6	75.8	71.1	1.4	96.6	29.39	0.000
21:00	4.3	-0.3	3.6	11.1	73.4	77.1	1.2	118.6	29.40	0.000	
22:00	6.6	-0.3	4.4	10.7	73.8	82.0	3.0	119.1	29.41	0.000	
23:00	ZS	-0.3	4.5	10.2	73.0	83.9	2.2	156.9	29.42	0.000	
00:00	4.7	ZS	4.4	10.6	71.9	86.4	4.0	229.2	29.41	0.000	
Minimum		2.4	-0.3	1.0	9.4	62.4	47.4	0.5	51.8	29.38	0.00
Maximum		11.5	0.5	6.4	11.5	83.7	95.3	5.0	349.3	29.48	0.00
Average (Total)		5.8	0.2	3.7	10.5	72.6	76.2	2.3	174.5	29.44	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/17/2022	01:00	3.8	-0.3	ZS	9.4	70.7	87.7	3.5	196.7	29.41	0.000
	02:00	3.9	0.0	4.0	8.8	70.0	92.7	2.3	190.2	29.40	0.000
	03:00	3.2	0.0	2.9	8.9	68.0	96.5	0.4	118.2	29.39	0.000
	04:00	3.6	0.0	1.5	8.9	67.4	98.2	1.0	144.5	29.38	0.000
	05:00	3.4	0.0	1.4	9.1	67.1	98.8	0.4	172.7	29.38	0.000
	06:00	3.2	0.0	1.5	8.9	67.5	99.1	0.8	123.4	29.39	0.000
	07:00	3.9	0.0	2.9	8.7	69.3	96.4	0.4	147.5	29.39	0.000
	08:00	2.8	-0.3	2.8	8.1	72.0	86.2	0.9	149.5	29.40	0.000
	09:00	3.6	-0.3	4.5	8.5	75.1	76.5	1.6	51.2	29.39	0.000
	10:00	2.6	-0.3	5.1	8.9	77.7	71.6	2.3	65.2	29.38	0.000
	11:00	2.3	-0.3	5.3	8.6	79.4	71.2	3.5	115.9	29.39	0.000
	12:00	2.1	-0.3	6.1	8.5	80.7	70.8	4.3	117.7	29.40	0.000
	13:00	2.1	-0.3	5.6	8.9	80.6	72.0	4.6	113.1	29.39	0.000
	14:00	1.7	0.0	5.3	9.2	81.0	71.4	5.2	127.7	29.38	0.000
	15:00	1.9	0.0	5.3	9.4	80.4	72.6	5.3	121.7	29.37	0.000
	16:00	2.4	-0.3	5.3	9.9	80.0	77.0	5.2	142.0	29.37	0.000
	17:00	2.3	-0.3	5.4	10.0	79.5	80.1	4.6	179.2	29.37	0.000
	18:00	1.9	-0.3	4.5	7.8	78.0	83.5	3.0	211.0	29.35	0.000
	19:00	2.1	-0.3	3.1	6.8	77.1	81.8	1.9	208.6	29.36	0.000
	20:00	3.8	-0.3	3.5	6.7	75.3	87.5	2.1	306.6	29.37	0.000
21:00	4.3	-0.3	3.8	6.7	74.2	90.3	1.5	230.6	29.37	0.000	
22:00	4.5	-0.3	3.1	6.5	73.3	91.7	1.8	234.5	29.37	0.004	
23:00	ZS	-0.5	3.1	6.4	72.3	95.3	1.6	144.8	29.36	0.000	
00:00	5.8	ZS	3.4	8.3	72.2	95.9	1.4	336.2	29.36	0.000	
Minimum		1.7	-0.5	1.4	6.4	67.1	70.8	0.4	51.2	29.35	0.00
Maximum		5.8	0.0	6.1	10.0	81.0	99.1	5.3	336.2	29.41	0.00
Average (Total)		3.1	-0.2	3.9	8.4	74.5	85.2	2.5	164.5	29.38	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/18/2022	01:00	8.5	-0.5	ZS	9.2	71.5	97.1	1.1	72.8	29.35	0.000
	02:00	7.0	-0.5	3.5	6.6	70.8	98.2	2.0	109.6	29.32	0.000
	03:00	9.4	-0.5	3.9	7.4	71.0	98.3	1.0	197.0	29.31	0.000
	04:00	8.1	-0.5	3.9	6.6	70.5	98.2	0.4	279.9	29.31	0.000
	05:00	7.9	-0.3	3.3	7.2	70.2	98.5	0.3	104.7	29.31	0.000
	06:00	7.5	-0.3	2.9	7.0	70.2	98.8	1.1	151.8	29.31	0.000
	07:00	6.0	-0.3	2.6	7.0	71.6	96.8	2.3	144.6	29.31	0.004
	08:00	4.3	-0.3	3.9	8.1	73.9	89.4	2.8	172.6	29.30	0.000
	09:00	3.6	-0.5	3.6	8.0	76.3	83.4	3.4	210.6	29.30	0.000
	10:00	3.2	-0.3	5.0	8.3	79.4	76.1	4.9	206.6	29.29	0.000
	11:00	3.6	-0.3	5.5	8.9	81.4	71.5	5.4	195.0	29.28	0.000
	12:00	2.4	0.0	5.8	8.9	84.7	65.9	6.7	195.1	29.27	0.000
	13:00	2.3	0.0	6.8	9.5	86.5	61.8	5.7	198.4	29.24	0.000
	14:00	2.3	-0.3	4.9	8.8	79.9	74.9	3.4	266.1	29.23	1.003
	15:00	3.6	-0.5	3.6	4.3	71.7	97.7	3.4	151.6	29.23	0.016
	16:00	3.8	-0.5	3.5	4.6	73.3	95.6	4.7	147.3	29.21	0.000
	17:00	1.9	-0.5	5.3	5.6	76.9	88.3	5.2	180.3	29.20	0.000
	18:00	1.7	-0.5	4.1	5.4	78.2	82.0	5.1	198.0	29.20	0.004
	19:00	2.8	-0.3	3.8	5.6	77.2	86.4	2.8	217.0	29.21	0.000
	20:00	4.3	-0.5	3.6	6.1	77.0	86.3	3.3	257.9	29.21	0.000
21:00	5.5	-0.5	4.6	6.9	75.5	87.3	0.9	313.1	29.22	0.000	
22:00	5.6	-0.5	3.3	6.9	72.4	92.8	1.3	280.9	29.24	0.000	
23:00	ZS	-0.5	2.1	7.8	71.8	93.7	2.6	151.1	29.25	0.000	
00:00	6.0	ZS	3.1	7.6	72.1	90.6	2.6	246.3	29.26	0.000	
Minimum		1.7	-0.5	2.1	4.3	70.2	61.8	0.3	72.8	29.20	0.00
Maximum		9.4	0.0	6.8	9.5	86.5	98.8	6.7	313.1	29.35	1.00
Average (Total)		4.8	-0.4	4.0	7.2	75.2	87.9	3.0	193.7	29.27	(1.03)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/19/2022	01:00	5.8	-0.5	ZS	6.8	72.8	85.6	4.7	263.8	29.26	0.000
	02:00	5.5	-0.3	2.9	8.2	73.0	82.5	1.9	245.5	29.25	0.000
	03:00	6.4	-0.3	3.1	8.9	71.6	86.9	1.5	256.0	29.24	0.000
	04:00	7.1	-0.3	2.9	7.2	70.1	92.9	2.7	265.6	29.24	0.000
	05:00	8.1	0.0	2.0	7.8	70.7	89.7	0.9	238.4	29.25	0.000
	06:00	6.2	-0.3	2.3	8.2	69.4	91.5	0.3	190.4	29.27	0.000
	07:00	6.4	0.3	2.8	7.6	73.6	80.1	3.3	270.9	29.28	0.000
	08:00	4.5	0.5	3.6	8.1	76.7	70.4	4.6	281.0	29.28	0.000
	09:00	5.3	0.3	3.9	9.5	79.0	64.1	5.8	299.4	29.29	0.000
	10:00	3.4	0.0	4.8	10.4	81.3	60.0	5.0	278.5	29.28	0.000
	11:00	2.8	0.0	4.4	10.8	83.8	55.0	6.8	276.5	29.29	0.000
	12:00	2.8	0.3	5.8	10.8	85.0	50.1	4.7	278.6	29.28	0.000
	13:00	2.8	0.3	4.5	10.9	86.1	47.2	3.7	261.4	29.27	0.000
	14:00	2.3	0.3	4.9	10.3	87.2	43.2	3.8	288.5	29.26	0.000
	15:00	3.0	0.3	4.9	10.0	88.3	40.4	2.9	304.6	29.24	0.000
	16:00	3.0	0.5	4.3	9.6	90.1	36.7	4.1	305.5	29.23	0.000
	17:00	3.6	1.3	5.6	10.0	90.6	38.2	3.2	37.6	29.22	0.000
	18:00	4.1	0.8	5.1	10.0	89.5	41.6	3.4	31.5	29.21	0.000
	19:00	4.1	0.0	5.1	10.2	85.9	51.7	1.8	58.7	29.21	0.000
	20:00	6.2	0.3	5.5	11.3	78.1	71.6	0.2	134.4	29.22	0.000
21:00	8.1	-0.3	5.0	10.8	73.8	82.9	1.4	188.2	29.23	0.000	
22:00	4.3	-0.3	4.4	9.5	74.1	82.8	1.8	206.4	29.25	0.000	
23:00	ZS	-0.5	4.1	9.9	71.4	89.0	1.7	183.8	29.26	0.000	
00:00	6.2	ZS	4.4	10.1	72.3	82.7	3.0	201.8	29.26	0.000	
Minimum		2.3	-0.5	2.0	6.8	69.4	36.7	0.2	31.5	29.21	0.00
Maximum		8.1	1.3	5.8	11.3	90.6	92.9	6.8	305.5	29.29	0.00
Average (Total)		4.9	0.1	4.2	9.4	78.9	67.4	3.1	222.8	29.25	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/20/2022	01:00	6.6	-0.5	ZS	9.6	70.9	89.2	2.2	177.3	29.26	0.000
	02:00	8.1	-0.3	3.5	8.3	70.2	94.3	3.3	181.2	29.25	0.000
	03:00	7.5	-0.3	3.0	9.1	69.6	93.0	2.7	175.0	29.23	0.000
	04:00	8.6	0.0	3.1	8.3	69.3	94.8	4.3	182.9	29.23	0.000
	05:00	8.5	-0.3	3.0	8.9	69.2	92.7	3.7	207.5	29.24	0.000
	06:00	7.0	-0.3	2.6	9.1	68.9	93.5	2.9	176.2	29.25	0.000
	07:00	6.8	-0.3	3.0	7.8	71.7	89.7	3.5	181.2	29.25	0.000
	08:00	5.1	0.0	4.3	9.9	75.8	76.8	3.2	190.9	29.25	0.000
	09:00	4.7	0.3	5.3	11.5	79.0	69.6	3.6	239.6	29.25	0.000
	10:00	3.9	0.8	6.3	12.7	82.0	62.9	1.6	207.5	29.24	0.000
	11:00	3.2	1.3	7.1	13.4	84.9	55.6	0.9	149.9	29.23	0.000
	12:00	2.4	1.3	5.1	14.3	86.1	54.0	2.2	206.9	29.21	0.000
	13:00	2.1	1.0	5.6	15.6	87.7	51.1	3.4	206.7	29.19	0.000
	14:00	3.0	0.8	4.5	14.5	88.4	51.1	4.3	169.5	29.17	0.000
	15:00	1.7	0.5	4.0	11.2	88.9	49.1	6.9	178.4	29.15	0.000
	16:00	1.5	0.5	4.8	11.2	89.1	53.7	6.5	162.4	29.13	0.000
	17:00	1.5	0.3	4.6	11.2	88.8	54.5	7.6	165.8	29.11	0.000
	18:00	1.7	0.3	5.1	10.4	87.6	56.4	7.2	161.6	29.10	0.000
	19:00	1.7	0.0	4.6	9.4	85.7	60.3	5.5	165.5	29.10	0.000
	20:00	2.3	0.0	5.5	8.7	82.9	65.4	4.2	158.4	29.11	0.000
21:00	2.4	-0.3	5.1	8.3	81.1	67.3	4.3	157.1	29.11	0.000	
22:00	3.0	-0.3	5.5	8.4	79.8	69.8	3.9	162.2	29.11	0.000	
23:00	ZS	-0.3	4.9	8.5	78.8	72.3	4.1	180.1	29.09	0.000	
00:00	3.0	ZS	4.8	8.9	78.3	73.0	4.4	190.8	29.08	0.000	
Minimum		1.5	-0.5	2.6	7.8	68.9	49.1	0.9	149.9	29.08	0.00
Maximum		8.6	1.3	7.1	15.6	89.1	94.8	7.6	239.6	29.26	0.00
Average (Total)		4.2	0.2	4.6	10.4	79.8	70.4	4.0	180.6	29.18	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/21/2022	01:00	3.6	-0.3	ZS	8.7	78.7	72.2	5.2	213.6	29.08	0.000
	02:00	5.3	-0.3	7.1	9.4	78.9	72.4	6.4	206.0	29.07	0.000
	03:00	5.8	-0.3	6.5	9.7	77.0	77.7	5.0	171.5	29.05	0.000
	04:00	6.2	-0.5	6.0	9.6	75.1	82.8	5.2	177.7	29.04	0.000
	05:00	7.3	-0.5	4.9	9.9	74.8	83.5	3.2	218.9	29.05	0.000
	06:00	7.3	-0.3	5.9	10.2	75.6	82.7	4.0	215.8	29.07	0.000
	07:00	5.5	-0.3	5.4	11.5	78.8	76.4	5.1	215.0	29.09	0.000
	08:00	8.5	-0.3	6.3	12.1	80.8	71.9	3.6	231.4	29.10	0.000
	09:00	4.3	0.0	7.3	10.2	84.6	61.8	5.9	250.2	29.10	0.000
	10:00	2.6	0.3	5.6	7.9	86.5	55.6	10.0	273.3	29.12	0.000
	11:00	2.3	0.3	5.4	8.7	87.8	52.0	8.0	278.1	29.13	0.000
	12:00	2.3	0.0	4.4	9.5	89.6	46.5	10.0	276.5	29.13	0.000
	13:00	1.9	0.3	3.9	9.9	89.5	45.4	8.2	262.1	29.12	0.000
	14:00	1.7	0.3	3.6	10.5	91.0	40.7	10.3	261.8	29.12	0.000
	15:00	1.5	0.5	2.5	11.6	91.6	37.6	9.7	260.8	29.12	0.000
	16:00	1.5	0.5	3.1	10.3	92.0	36.2	9.3	265.2	29.10	0.000
	17:00	1.9	0.5	3.8	11.0	92.0	37.6	6.5	269.4	29.11	0.000
	18:00	2.3	0.5	4.3	11.5	90.6	39.8	7.2	274.3	29.12	0.000
	19:00	3.9	0.8	4.0	10.2	87.8	43.9	4.8	267.2	29.14	0.000
	20:00	3.2	0.3	4.3	9.4	82.8	53.4	2.6	243.8	29.15	0.000
21:00	3.8	0.0	4.3	9.4	76.7	67.8	2.5	248.8	29.17	0.000	
22:00	7.5	0.3	4.1	9.7	74.6	73.2	2.7	251.3	29.19	0.000	
23:00	ZS	0.0	4.0	9.8	77.4	64.0	4.8	269.6	29.20	0.000	
00:00	3.4	ZS	4.4	10.2	75.5	70.3	1.9	182.9	29.21	0.000	
Minimum		1.5	-0.5	2.5	7.9	74.6	36.2	1.9	171.5	29.04	0.00
Maximum		8.5	0.8	7.3	12.1	92.0	83.5	10.3	278.1	29.21	0.00
Average (Total)		4.1	0.1	4.8	10.0	82.9	60.2	5.9	241.0	29.12	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/22/2022	01:00	5.1	-0.3	ZS	11.0	73.5	76.9	4.1	200.9	29.23	0.000
	02:00	3.0	0.0	4.4	12.0	74.6	73.1	4.0	231.2	29.23	0.000
	03:00	3.2	0.0	4.3	12.9	74.4	73.5	3.2	233.6	29.25	0.000
	04:00	5.5	0.3	3.5	13.6	71.3	80.6	2.7	251.6	29.26	0.000
	05:00	6.0	0.3	3.5	14.9	69.8	84.2	3.4	246.8	29.28	0.000
	06:00	5.6	0.3	2.9	14.8	69.5	86.5	2.3	237.2	29.30	0.000
	07:00	3.4	0.3	3.3	14.4	75.7	71.9	1.8	236.8	29.31	0.000
	08:00	3.9	0.8	5.1	14.8	78.5	68.4	3.0	220.4	29.32	0.000
	09:00	3.6	2.1	5.8	15.7	81.7	63.5	4.7	236.5	29.33	0.000
	10:00	3.0	2.4	5.6	16.7	84.6	57.2	4.9	242.6	29.34	0.000
	11:00	2.6	1.8	5.5	15.9	87.3	49.5	5.7	252.7	29.34	0.000
	12:00	2.4	2.1	5.1	15.7	88.6	47.6	6.2	237.5	29.32	0.000
	13:00	2.4	1.8	5.3	15.7	90.1	45.5	6.7	219.1	29.32	0.000
	14:00	2.3	1.6	4.9	14.6	92.1	41.8	7.6	217.5	29.31	0.000
	15:00	1.9	1.3	4.5	12.9	93.6	35.5	9.1	235.8	29.30	0.000
	16:00	1.7	1.3	2.4	11.7	94.4	30.1	8.8	249.4	29.29	0.000
	17:00	1.9	1.0	2.3	11.5	93.5	31.1	8.4	235.3	29.30	0.000
	18:00	1.9	0.8	2.9	11.4	91.9	34.8	6.5	243.5	29.29	0.000
	19:00	1.9	0.8	3.9	11.3	88.2	42.2	3.4	227.0	29.31	0.000
	20:00	2.8	0.3	3.9	11.6	82.8	57.6	3.8	185.4	29.32	0.000
21:00	3.6	0.3	5.4	12.9	80.8	61.4	2.3	234.5	29.34	0.000	
22:00	6.2	1.0	7.5	28.9	77.2	69.2	0.1	182.9	29.36	0.000	
23:00	ZS	0.3	5.6	16.2	74.2	75.0	1.5	198.6	29.37	0.000	
00:00	4.3	ZS	5.4	14.7	73.6	75.7	2.6	221.5	29.38	0.000	
Minimum		1.7	-0.3	2.3	11.0	69.5	30.1	0.1	182.9	29.23	0.00
Maximum		6.2	2.4	7.5	28.9	94.4	86.5	9.1	252.7	29.38	0.00
Average (Total)		3.4	0.9	4.5	14.4	81.7	59.7	4.4	228.3	29.31	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/23/2022	01:00	3.8	0.3	ZS	15.1	75.1	70.8	4.3	202.8	29.39	0.000
	02:00	3.2	0.3	5.6	14.9	76.9	65.5	4.0	213.8	29.39	0.000
	03:00	3.8	0.3	5.1	15.9	74.5	70.7	3.9	220.4	29.40	0.000
	04:00	6.0	0.3	4.9	14.0	75.3	68.7	4.0	226.5	29.41	0.000
	05:00	6.4	0.3	4.5	14.4	73.0	75.0	2.3	222.9	29.42	0.000
	06:00	9.6	0.5	4.4	14.3	73.0	74.9	3.9	244.0	29.43	0.000
	07:00	7.3	0.5	4.4	14.3	76.7	70.7	3.6	252.1	29.44	0.000
	08:00	5.3	0.8	5.9	13.9	79.5	67.5	2.9	263.8	29.44	0.000
	09:00	3.6	1.6	7.0	13.8	83.5	57.1	2.7	262.0	29.44	0.000
	10:00	3.2	1.6	6.6	13.0	85.9	53.3	2.0	238.7	29.45	0.000
	11:00	2.6	1.3	4.9	11.9	88.1	47.6	2.3	239.5	29.45	0.000
	12:00	2.4	1.3	4.3	11.6	89.8	43.7	1.5	174.2	29.45	0.000
	13:00	2.1	1.3	3.9	10.9	91.3	41.9	4.4	186.9	29.44	0.000
	14:00	2.4	1.3	5.4	11.8	91.6	47.7	6.9	164.8	29.42	0.000
	15:00	2.1	1.0	4.3	11.2	92.2	42.0	7.3	164.7	29.40	0.000
	16:00	1.5	0.8	3.0	9.3	93.1	37.0	6.8	173.9	29.38	0.000
	17:00	1.7	0.8	5.0	12.8	91.5	48.3	5.3	168.9	29.37	0.000
	18:00	2.6	0.8	4.9	12.5	83.9	59.2	7.5	268.1	29.44	0.243
	19:00	3.9	0.0	3.4	8.9	71.8	91.7	5.6	3.5	29.51	0.308
	20:00	4.7	0.0	3.0	9.2	69.7	96.4	2.9	141.6	29.48	0.028
21:00	4.7	-0.3	2.6	9.3	69.6	97.5	3.7	261.1	29.46	0.000	
22:00	4.7	-0.3	3.0	9.2	69.2	98.1	0.9	221.9	29.46	0.004	
23:00	ZS	-0.3	2.9	9.3	69.0	98.8	1.9	132.3	29.44	0.000	
00:00	5.6	ZS	3.6	8.7	68.8	97.2	4.0	190.8	29.43	0.000	
Minimum		1.5	-0.3	2.6	8.7	68.8	37.0	0.9	3.5	29.37	0.00
Maximum		9.6	1.6	7.0	15.9	93.1	98.8	7.5	268.1	29.51	0.31
Average (Total)		4.1	0.6	4.5	12.1	79.7	67.5	3.9	201.6	29.43	(0.58)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/24/2022	01:00	6.4	0.0	ZS	9.3	68.0	96.6	2.7	171.2	29.43	0.000
	02:00	6.0	0.0	1.9	9.5	67.3	97.4	2.2	154.2	29.43	0.000
	03:00	4.9	0.0	1.0	9.1	66.5	98.3	3.3	134.0	29.42	0.004
	04:00	5.1	0.0	1.1	9.0	65.6	98.4	2.5	120.9	29.42	0.000
	05:00	4.3	0.0	0.6	9.3	65.0	98.9	1.2	117.1	29.42	0.000
	06:00	3.9	0.0	0.8	8.9	65.3	98.8	1.0	154.8	29.44	0.004
	07:00	3.0	-0.3	1.6	8.2	68.3	93.6	1.9	163.4	29.45	0.000
	08:00	3.9	-0.3	3.4	7.7	72.1	83.6	2.9	182.9	29.46	0.000
	09:00	3.8	0.0	3.9	7.7	75.2	76.8	3.9	205.6	29.46	0.000
	10:00	3.4	0.0	5.0	7.9	78.8	69.3	1.8	204.5	29.46	0.000
	11:00	2.6	0.0	5.5	8.4	82.8	66.3	4.7	142.9	29.44	0.000
	12:00	2.4	0.3	5.5	8.9	86.7	57.6	6.4	180.9	29.41	0.000
	13:00	1.9	0.3	4.8	10.6	89.3	50.2	6.6	185.3	29.41	0.000
	14:00	1.9	0.5	5.3	12.3	91.2	49.6	6.8	183.6	29.38	0.000
	15:00	1.9	0.5	5.3	13.5	92.0	50.5	8.1	183.3	29.36	0.000
	16:00	1.5	0.5	5.1	13.0	91.9	47.3	8.3	176.2	29.35	0.000
	17:00	2.1	0.5	5.0	12.1	90.5	50.5	6.1	177.6	29.35	0.000
	18:00	2.6	0.3	5.0	11.3	89.2	55.5	3.8	162.9	29.34	0.000
	19:00	3.0	0.5	5.3	10.8	86.7	58.4	3.7	171.2	29.33	0.000
	20:00	3.6	0.0	5.0	9.9	83.3	64.6	3.1	166.0	29.32	0.000
21:00	3.4	-0.3	4.6	10.3	80.7	70.5	2.7	182.4	29.33	0.000	
22:00	3.6	0.0	4.6	11.1	80.4	68.4	4.3	188.7	29.33	0.000	
23:00	ZS	0.0	5.3	11.5	80.5	67.7	4.7	197.6	29.32	0.000	
00:00	4.5	ZS	6.8	11.4	80.1	72.2	4.4	216.9	29.32	0.000	
Minimum		1.5	-0.3	0.6	7.7	65.0	47.3	1.0	117.1	29.32	0.00
Maximum		6.4	0.5	6.8	13.5	92.0	98.9	8.3	216.9	29.46	0.00
Average (Total)		3.5	0.1	4.0	10.1	79.1	72.5	4.0	171.8	29.39	(0.01)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/25/2022	01:00	6.4	0.0	ZS	11.7	79.4	72.1	5.1	193.1	29.30	0.000
	02:00	5.6	-0.3	6.1	11.9	78.2	74.1	4.8	181.8	29.28	0.000
	03:00	5.8	-0.3	5.5	11.9	77.4	75.3	3.5	207.3	29.29	0.000
	04:00	6.2	-0.3	4.9	12.1	77.4	75.8	4.3	196.6	29.29	0.000
	05:00	5.6	-0.3	4.9	12.1	77.2	77.0	4.2	188.4	29.28	0.000
	06:00	7.1	-0.3	5.1	11.6	75.4	82.6	4.2	170.4	29.28	0.000
	07:00	6.4	0.0	6.4	11.2	78.0	77.8	5.4	194.9	29.29	0.000
	08:00	5.8	0.0	6.8	11.2	79.8	73.9	6.2	207.1	29.30	0.000
	09:00	5.1	0.0	6.0	10.8	80.3	74.1	5.8	194.1	29.30	0.000
	10:00	4.5	0.0	5.4	10.3	79.7	76.6	4.3	193.1	29.31	0.000
	11:00	4.5	-0.3	5.9	10.0	80.6	75.4	4.8	196.4	29.31	0.000
	12:00	5.3	0.0	6.9	10.4	81.4	74.9	3.8	209.2	29.32	0.000
	13:00	6.8	0.0	8.4	12.5	82.1	73.8	4.5	293.0	29.32	0.008
	14:00	4.9	-0.3	4.0	8.7	76.0	87.7	4.8	250.0	29.34	0.036
	15:00	3.4	-0.3	3.9	6.1	76.1	84.4	3.2	299.1	29.31	0.012
	16:00	2.8	-0.3	4.0	5.1	78.2	81.5	2.9	176.0	29.30	0.000
	17:00	2.3	-0.3	5.0	5.4	79.3	81.0	5.6	202.9	29.29	0.000
	18:00	3.4	-0.3	4.9	6.8	80.0	77.2	6.0	231.6	29.29	0.000
	19:00	3.4	-0.3	4.1	6.4	79.0	80.7	4.1	212.0	29.31	0.000
	20:00	3.8	-0.3	3.3	6.1	77.0	86.9	2.8	218.4	29.32	0.000
21:00	3.9	-0.3	3.6	6.3	75.9	88.3	2.9	220.5	29.33	0.000	
22:00	3.2	-0.3	3.3	6.5	74.5	91.3	1.5	169.0	29.35	0.000	
23:00	ZS	-0.5	2.4	6.8	72.6	95.7	1.0	187.7	29.35	0.000	
00:00	5.5	ZS	3.9	6.6	73.0	94.9	2.8	235.1	29.35	0.000	
Minimum		2.3	-0.5	2.4	5.1	72.6	72.1	1.0	169.0	29.28	0.00
Maximum		7.1	0.0	8.4	12.5	82.1	95.7	6.2	299.1	29.35	0.04
Average (Total)		4.9	-0.2	5.0	9.1	77.8	80.5	4.1	209.5	29.31	(0.06)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/26/2022	01:00	6.0	-0.3	ZS	7.2	72.6	93.5	3.3	222.4	29.36	0.000
	02:00	6.6	-0.3	3.1	10.7	71.3	95.4	0.4	66.3	29.36	0.000
	03:00	7.5	-0.3	3.0	8.4	72.0	92.7	1.7	302.9	29.38	0.000
	04:00	8.1	-0.5	4.5	8.1	72.4	85.6	3.9	4.4	29.38	0.000
	05:00	6.4	-0.3	3.3	8.1	71.6	77.4	4.5	6.3	29.40	0.000
	06:00	6.8	-0.3	2.8	6.6	70.8	69.1	4.8	357.7	29.41	0.000
	07:00	11.5	0.0	2.5	6.2	70.5	68.4	3.2	341.0	29.42	0.000
	08:00	8.3	0.0	2.5	6.8	70.5	71.2	0.2	73.2	29.44	0.000
	09:00	11.3	0.5	2.6	6.7	71.2	69.4	1.5	22.9	29.44	0.000
	10:00	10.0	1.8	1.5	5.9	72.5	64.4	1.6	38.9	29.44	0.000
	11:00	8.8	2.4	1.9	5.5	73.1	61.2	0.8	346.2	29.45	0.000
	12:00	10.0	0.5	2.1	5.7	73.6	64.2	1.6	31.7	29.45	0.000
	13:00	7.0	4.2	3.3	6.3	75.0	62.8	1.6	39.1	29.43	0.000
	14:00	4.9	1.0	3.4	6.1	75.3	60.2	1.5	90.5	29.41	0.000
	15:00	4.7	0.5	3.4	5.8	74.9	58.8	0.2	273.3	29.40	0.000
	16:00	4.7	0.3	3.6	5.8	74.3	64.6	1.7	281.3	29.39	0.000
	17:00	4.5	0.3	3.4	6.1	74.0	67.2	0.8	302.1	29.38	0.000
	18:00	3.6	0.0	3.3	6.2	73.2	73.2	0.8	177.9	29.37	0.000
	19:00	3.2	-0.3	3.0	6.3	72.1	77.1	0.5	124.6	29.39	0.000
	20:00	3.8	-0.3	2.6	6.3	71.1	76.8	1.1	188.7	29.39	0.000
21:00	5.5	-0.3	2.5	6.5	70.4	80.7	0.3	238.9	29.38	0.000	
22:00	4.7	0.0	2.3	7.4	69.8	82.3	1.5	182.1	29.38	0.000	
23:00	ZS	0.0	1.8	7.9	69.4	85.2	1.3	176.9	29.38	0.000	
00:00	5.6	ZS	2.4	8.2	68.8	87.5	1.2	172.5	29.38	0.000	
Minimum		3.2	-0.5	1.5	5.5	68.8	58.8	0.2	4.4	29.36	0.00
Maximum		11.5	4.2	4.5	10.7	75.3	95.4	4.8	357.7	29.45	0.00
Average (Total)		6.7	0.4	2.8	6.9	72.1	74.5	1.7	169.2	29.40	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/27/2022	01:00	6.2	0.0	ZS	8.5	67.8	91.3	1.7	161.5	29.37	0.000
	02:00	6.0	-0.3	1.5	8.3	67.4	95.3	0.2	182.5	29.36	0.000
	03:00	5.1	-0.5	2.6	7.9	68.4	94.1	0.9	148.1	29.35	0.000
	04:00	5.6	-0.5	2.3	7.7	67.9	95.0	0.5	122.5	29.34	0.000
	05:00	7.0	-0.3	2.3	7.1	67.8	96.9	0.3	125.7	29.35	0.000
	06:00	7.5	0.0	3.0	7.8	68.6	94.9	0.3	214.1	29.35	0.000
	07:00	8.3	0.0	2.4	7.9	69.6	92.6	0.8	128.8	29.36	0.000
	08:00	7.7	0.0	3.8	8.0	71.4	87.0	0.1	103.7	29.34	0.000
	09:00	5.5	-0.3	3.5	7.5	73.8	78.5	1.4	268.1	29.35	0.000
	10:00	4.7	0.0	4.9	7.1	76.3	73.4	1.2	50.3	29.35	0.000
	11:00	2.8	0.0	5.0	6.2	80.1	66.5	1.3	88.4	29.34	0.000
	12:00	2.6	0.0	5.1	6.3	82.2	63.9	2.2	122.6	29.33	0.000
	13:00	2.4	0.0	4.6	6.3	83.5	63.7	4.4	175.8	29.33	0.000
	14:00	2.4	0.0	4.8	6.5	84.3	62.1	2.9	173.2	29.31	0.000
	15:00	2.3	0.3	5.3	6.7	84.5	64.2	4.7	178.4	29.31	0.000
	16:00	1.9	0.0	5.6	5.8	83.6	66.6	5.8	191.5	29.30	0.000
	17:00	2.3	-0.3	5.6	5.1	82.7	71.6	4.0	182.1	29.27	0.000
	18:00	2.4	-0.3	4.6	5.4	82.8	72.8	2.6	168.5	29.25	0.000
	19:00	2.6	-0.3	4.5	5.4	82.1	75.9	2.3	190.1	29.27	0.000
	20:00	4.7	-0.3	5.4	8.5	80.1	81.2	3.1	211.0	29.28	0.000
21:00	3.9	-0.3	5.0	6.5	78.5	80.6	4.7	216.6	29.29	0.000	
22:00	5.1	-0.3	5.1	6.2	77.1	82.5	5.9	208.2	29.29	0.000	
23:00	ZS	-0.3	3.9	5.8	75.7	84.5	4.1	208.0	29.29	0.000	
00:00	7.0	ZS	3.4	5.4	74.6	86.0	3.1	223.0	29.28	0.000	
Minimum		1.9	-0.5	1.5	5.1	67.4	62.1	0.1	50.3	29.25	0.00
Maximum		8.3	0.3	5.6	8.5	84.5	96.9	5.9	268.1	29.37	0.00
Average (Total)		4.6	-0.2	4.1	6.8	76.3	80.0	2.4	168.5	29.32	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/28/2022	01:00	7.0	-0.5	ZS	5.5	73.5	88.8	2.0	216.0	29.28	0.000
	02:00	5.8	-0.3	2.3	5.8	72.8	89.7	2.3	188.1	29.27	0.000
	03:00	5.5	-0.5	2.4	5.6	72.2	90.5	2.6	196.9	29.27	0.000
	04:00	4.5	-0.5	2.6	5.9	73.0	88.7	3.5	203.3	29.27	0.000
	05:00	4.5	-0.5	2.6	5.6	71.9	91.1	2.0	200.2	29.27	0.000
	06:00	5.6	-0.5	2.3	5.9	72.0	92.6	3.1	201.3	29.27	0.000
	07:00	6.0	-0.5	3.5	5.5	73.6	90.1	3.6	197.1	29.28	0.000
	08:00	5.6	-0.3	5.0	5.5	76.0	84.7	3.9	214.0	29.29	0.000
	09:00	4.5	0.0	5.3	5.4	80.1	74.5	3.8	214.0	29.28	0.000
	10:00	3.6	0.0	5.3	5.6	82.4	67.2	3.6	209.1	29.27	0.000
	11:00	4.1	0.0	5.9	6.2	84.0	70.1	6.4	182.9	29.28	0.000
	12:00	3.0	0.3	6.1	6.4	86.3	61.6	7.2	217.5	29.27	0.000
	13:00	2.3	0.3	5.3	6.0	87.7	57.5	8.5	207.5	29.26	0.000
	14:00	2.1	0.0	4.6	5.6	86.8	56.8	9.4	248.7	29.26	0.000
	15:00	1.9	0.3	4.6	5.5	86.6	53.3	8.9	247.2	29.24	0.000
	16:00	1.7	0.3	4.1	5.3	88.2	51.0	9.2	240.9	29.22	0.000
	17:00	1.7	0.3	3.6	5.4	87.0	50.6	7.9	262.8	29.22	0.000
	18:00	2.3	0.0	2.3	6.2	82.2	54.2	7.8	281.8	29.25	0.000
	19:00	2.6	0.0	2.4	6.2	81.5	52.5	6.4	269.0	29.24	0.000
	20:00	2.6	0.0	1.5	6.3	79.4	52.7	7.4	276.6	29.26	0.000
21:00	3.2	-0.3	2.5	6.6	74.9	64.5	1.6	217.4	29.29	0.000	
22:00	2.8	-0.3	2.9	8.2	73.3	72.7	2.2	237.0	29.30	0.000	
23:00	ZS	-0.3	2.8	7.3	71.0	78.4	1.5	177.8	29.30	0.000	
00:00	3.2	ZS	3.3	6.9	70.2	82.8	3.4	203.3	29.31	0.000	
Minimum		1.7	-0.5	1.5	5.3	70.2	50.6	1.5	177.8	29.22	0.00
Maximum		7.0	0.3	6.1	8.2	88.2	92.6	9.4	281.8	29.31	0.00
Average (Total)		3.7	-0.1	3.6	6.0	78.6	71.5	4.9	221.3	29.27	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/29/2022	01:00	3.4	-0.3	ZS	6.3	71.0	83.1	3.1	200.6	29.31	0.000
	02:00	3.6	0.0	3.1	6.0	68.8	89.0	2.3	213.5	29.30	0.000
	03:00	6.0	0.0	2.5	6.4	69.0	88.8	1.9	185.3	29.30	0.000
	04:00	7.3	0.0	2.8	7.1	69.9	87.4	2.7	190.2	29.30	0.000
	05:00	6.2	0.0	2.5	7.4	70.5	85.6	1.4	190.6	29.30	0.000
	06:00	7.7	-0.3	2.3	7.1	70.6	88.3	1.4	198.0	29.31	0.000
	07:00	6.6	-0.3	2.4	6.5	71.3	89.0	3.1	159.1	29.31	0.000
	08:00	6.2	-0.3	3.3	6.3	73.5	85.5	2.4	171.8	29.32	0.000
	09:00	7.0	-0.3	4.3	6.3	75.8	81.3	2.0	230.4	29.33	0.000
	10:00	6.2	0.0	5.1	6.6	76.5	82.4	2.4	227.1	29.34	0.000
	11:00	9.4	-0.3	4.5	7.9	74.8	84.6	4.3	359.1	29.35	0.032
	12:00	6.8	-0.3	4.3	8.3	73.4	88.0	2.6	32.4	29.36	0.020
	13:00	4.1	-0.3	5.6	7.6	78.8	76.2	2.0	156.0	29.33	0.000
	14:00	5.3	0.0	5.3	7.6	79.3	74.8	2.5	25.8	29.32	0.004
	15:00	8.5	-0.3	4.5	7.6	73.4	91.0	6.9	349.1	29.33	0.060
	16:00	5.5	-0.3	4.0	6.7	74.0	92.4	5.3	9.6	29.32	0.004
	17:00	5.8	-0.3	3.4	6.1	75.1	84.5	5.2	18.0	29.32	0.000
	18:00	6.4	0.0	4.1	6.2	75.4	82.8	3.2	48.5	29.31	0.000
	19:00	8.3	-0.3	3.3	6.4	74.2	85.1	2.6	6.9	29.32	0.000
	20:00	7.9	-0.3	3.5	6.6	72.8	89.7	1.6	293.6	29.33	0.004
21:00	6.0	-0.3	4.0	7.2	71.8	95.0	2.3	229.6	29.35	0.000	
22:00	6.0	-0.3	3.8	7.5	71.3	96.4	2.4	206.9	29.36	0.000	
23:00	ZS	-0.5	3.1	7.6	70.8	96.6	3.0	229.1	29.37	0.000	
00:00	6.0	ZS	3.3	8.0	70.3	96.4	3.9	248.1	29.38	0.000	
Minimum		3.4	-0.5	2.3	6.0	68.8	74.8	1.4	6.9	29.30	0.00
Maximum		9.4	0.0	5.6	8.3	79.3	96.6	6.9	359.1	29.38	0.06
Average (Total)		6.4	-0.2	3.7	7.0	73.0	87.2	2.9	174.1	29.33	(0.12)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/30/2022	01:00	4.9	-0.3	ZS	7.4	69.4	95.8	2.1	223.5	29.39	0.004
	02:00	4.3	-0.3	2.8	7.2	68.0	97.5	2.9	274.4	29.39	0.000
	03:00	4.5	-0.3	2.0	7.7	68.1	95.4	3.8	289.8	29.41	0.000
	04:00	4.5	0.0	2.9	8.2	66.9	92.2	2.6	299.2	29.42	0.000
	05:00	5.1	0.0	2.8	8.6	64.5	91.1	1.2	289.8	29.44	0.000
	06:00	6.6	0.0	1.6	8.2	62.9	96.3	2.6	267.2	29.46	0.004
	07:00	4.3	0.0	2.0	8.2	67.8	84.5	2.4	222.6	29.48	0.000
	08:00	4.1	0.3	3.6	7.7	71.7	70.1	2.6	243.6	29.50	0.000
	09:00	3.9	2.4	3.0	5.7	75.3	54.8	2.7	337.5	29.51	0.000
	10:00	3.9	1.6	3.3	5.0	77.1	53.4	4.8	320.3	29.51	0.000
	11:00	3.6	1.0	4.1	4.8	81.7	46.4	6.3	351.4	29.52	0.000
	12:00	2.6	0.5	3.6	4.7	83.3	43.3	4.6	343.6	29.51	0.000
	13:00	2.4	0.5	3.6	4.6	84.8	40.7	4.5	347.2	29.51	0.000
	14:00	2.3	0.5	3.5	4.3	86.6	36.7	4.4	350.8	29.50	0.000
	15:00	2.1	0.5	3.8	4.0	85.7	38.0	2.0	24.1	29.50	0.000
	16:00	2.1	0.5	3.4	4.2	85.7	37.7	2.4	84.1	29.48	0.000
	17:00	3.2	0.5	3.1	4.1	85.2	38.7	2.9	48.4	29.48	0.000
	18:00	3.0	0.8	3.4	4.0	84.5	40.9	2.4	32.6	29.48	0.000
	19:00	6.8	1.0	3.4	5.1	82.7	43.1	2.5	15.3	29.50	0.000
	20:00	4.7	0.5	3.1	5.6	73.3	68.3	0.1	92.8	29.52	0.000
21:00	8.3	0.3	3.4	6.3	69.4	76.7	0.3	144.3	29.53	0.000	
22:00	5.1	0.3	4.1	8.7	67.6	79.9	0.6	260.4	29.54	0.000	
23:00	ZS	0.5	4.1	10.8	66.4	82.4	0.1	223.0	29.55	0.000	
00:00	9.0	ZS	4.1	8.4	65.1	84.6	0.5	144.9	29.56	0.000	
Minimum		2.1	-0.3	1.6	4.0	62.9	36.7	0.1	15.3	29.39	0.00
Maximum		9.0	2.4	4.1	10.8	86.6	97.5	6.3	351.4	29.56	0.00
Average (Total)		4.4	0.5	3.2	6.4	74.7	66.2	2.6	217.9	29.49	(0.01)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/31/2022	01:00	7.1	0.3	ZS	8.6	63.9	86.5	0.2	115.5	29.56	0.000
	02:00	7.3	0.3	1.4	9.6	63.1	90.1	0.6	125.0	29.56	0.000
	03:00	7.5	0.3	1.8	8.6	63.5	91.6	0.6	180.5	29.56	0.000
	04:00	7.0	0.3	1.1	10.5	62.6	93.2	0.8	349.0	29.55	0.000
	05:00	6.4	0.3	0.1	10.9	61.5	95.4	0.6	81.1	29.55	0.000
	06:00	6.4	0.5	0.8	15.6	62.4	95.8	0.4	55.8	29.55	0.000
	07:00	8.1	0.3	2.8	9.0	66.6	85.2	2.6	359.1	29.55	0.000
	08:00	5.3	0.5	2.1	7.5	67.6	80.3	1.7	289.1	29.56	0.000
	09:00	5.5	0.3	3.8	8.6	70.7	73.7	1.2	316.1	29.56	0.000
	10:00	5.8	0.8	5.1	8.7	73.5	70.1	1.2	59.1	29.56	0.000
	11:00	6.0	0.5	5.6	8.6	74.5	68.0	1.9	49.6	29.55	0.000
	12:00	4.3	0.5	5.0	8.1	75.9	69.2	2.5	67.8	29.53	0.000
	13:00	3.8	0.5	5.1	8.7	76.5	70.7	1.8	106.3	29.52	0.000
	14:00	2.4	0.0	4.5	6.6	73.3	80.5	5.3	156.9	29.52	0.000
	15:00	2.3	0.0	4.0	5.9	71.1	83.2	2.9	143.4	29.52	0.008
	16:00	8.8	-0.3	4.0	6.5	69.2	93.5	3.3	44.2	29.51	0.016
	17:00	4.3	-0.3	3.9	5.9	67.9	95.7	3.0	82.7	29.50	0.132
	18:00	4.3	-0.3	4.0	5.8	67.6	97.3	2.7	75.1	29.48	0.420
	19:00	4.7	-0.3	3.6	5.4	67.2	97.6	3.3	100.9	29.46	0.028
	20:00	4.9	0.0	3.1	5.1	66.9	97.7	3.3	102.4	29.44	0.012
21:00	5.3	0.0	2.9	5.8	67.0	97.7	3.8	114.2	29.44	0.004	
22:00	3.2	0.0	2.5	6.7	67.7	97.7	1.1	123.2	29.43	0.008	
23:00	ZS	0.0	1.9	7.2	68.0	97.7	0.4	10.5	29.42	0.012	
00:00	4.9	ZS	1.8	7.2	67.9	98.0	2.6	341.3	29.41	0.004	
Minimum		2.3	-0.3	0.1	5.1	61.5	68.0	0.2	10.5	29.41	0.00
Maximum		8.8	0.8	5.6	15.6	76.5	98.0	5.3	359.1	29.56	0.42
Average (Total)		5.5	0.2	3.1	8.0	68.2	87.8	2.0	143.7	29.51	(0.64)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/01/2022	01:00	3.9	-0.3	ZS	5.9	67.8	98.6	1.0	318.8	29.40	0.004
	02:00	4.1	-0.5	3.0	5.9	67.2	98.9	3.8	334.3	29.40	0.000
	03:00	3.2	-0.5	2.5	5.6	66.8	98.9	4.7	350.3	29.39	0.000
	04:00	3.6	-0.3	2.9	5.6	66.7	99.9	4.1	340.3	29.38	0.000
	05:00	4.9	-0.3	2.1	5.9	66.6	99.4	1.9	16.2	29.39	0.000
	06:00	4.3	0.0	2.4	5.5	66.5	99.1	0.7	86.4	29.40	0.000
	07:00	6.6	0.0	1.9	4.6	67.8	93.6	1.7	16.2	29.39	0.000
	08:00	7.5	-0.3	2.0	5.1	70.3	81.4	1.9	321.4	29.39	0.000
	09:00	6.0	-0.3	2.6	4.8	72.2	78.3	2.7	303.1	29.39	0.000
	10:00	3.6	0.0	4.0	5.9	74.4	74.6	3.8	256.4	29.39	0.000
	11:00	2.3	0.0	4.8	6.2	77.1	67.0	3.5	262.9	29.38	0.000
	12:00	1.9	0.0	4.1	6.3	79.4	59.6	3.9	268.1	29.36	0.000
	13:00	1.9	0.0	4.0	7.1	81.4	57.0	5.2	254.3	29.35	0.000
	14:00	1.7	0.3	4.3	6.3	82.8	54.4	4.5	252.4	29.34	0.000
	15:00	1.7	0.0	3.1	5.8	81.8	58.6	2.1	234.1	29.31	0.000
	16:00	1.9	0.3	4.6	5.8	84.1	53.5	1.5	280.7	29.29	0.000
	17:00	1.5	0.3	3.6	5.7	84.9	52.9	5.1	247.0	29.27	0.000
	18:00	1.7	0.0	3.1	5.9	83.7	54.2	4.2	254.7	29.27	0.000
	19:00	2.1	0.0	3.1	5.7	81.0	66.8	2.8	190.8	29.26	0.000
	20:00	2.3	0.0	3.6	5.5	78.0	76.0	2.5	166.1	29.26	0.000
21:00	3.9	-0.3	3.8	6.1	76.3	82.1	2.1	200.2	29.27	0.032	
22:00	3.2	-0.3	3.4	6.2	73.0	90.8	2.6	186.0	29.27	0.048	
23:00	ZS	-0.3	2.6	3.7	71.5	91.0	4.7	174.8	29.27	0.000	
00:00	2.6	ZS	3.4	3.4	71.1	90.6	3.8	236.8	29.27	0.000	
Minimum		1.5	-0.5	1.9	3.4	66.5	52.9	0.7	16.2	29.26	0.00
Maximum		7.5	0.3	4.8	7.1	84.9	99.9	5.2	350.3	29.40	0.05
Average (Total)		3.3	-0.1	3.3	5.6	74.7	78.2	3.1	231.3	29.34	(0.08)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/02/2022	01:00	2.4	-0.3	ZS	3.8	70.2	92.0	2.9	216.2	29.26	0.000
	02:00	3.9	-0.5	2.8	4.0	68.9	94.3	1.6	259.5	29.24	0.000
	03:00	3.6	-0.3	2.6	5.2	68.4	96.5	2.3	187.9	29.24	0.000
	04:00	4.7	0.0	2.3	6.4	69.3	97.7	3.1	190.4	29.24	0.000
	05:00	4.3	0.0	2.4	7.0	70.3	93.7	5.3	222.2	29.26	0.000
	06:00	4.9	0.0	2.4	7.5	69.9	94.3	2.5	177.8	29.27	0.000
	07:00	4.1	0.0	2.0	7.0	72.6	86.1	2.9	199.6	29.28	0.000
	08:00	4.5	0.0	3.4	6.8	76.4	75.5	4.9	231.8	29.28	0.000
	09:00	3.0	0.0	4.9	8.0	79.1	70.0	5.0	241.8	29.29	0.000
	10:00	2.8	0.3	5.3	9.5	81.7	63.6	4.8	263.6	29.29	0.000
	11:00	2.3	0.3	4.5	10.0	83.4	59.1	4.4	274.1	29.29	0.000
	12:00	2.6	0.3	3.9	9.9	84.4	55.3	5.6	266.2	29.28	0.000
	13:00	2.3	0.3	4.3	9.4	86.8	46.8	6.5	273.1	29.27	0.000
	14:00	2.6	0.3	4.4	9.2	88.4	44.0	5.6	285.4	29.27	0.000
	15:00	2.3	0.3	3.6	8.5	90.3	38.1	6.1	286.2	29.26	0.000
	16:00	2.8	0.3	2.5	7.8	89.0	35.7	6.2	300.3	29.25	0.000
	17:00	4.3	0.8	4.1	7.8	88.0	41.8	4.8	350.5	29.26	0.000
	18:00	3.9	1.6	4.3	8.0	86.2	48.1	4.5	4.1	29.27	0.000
	19:00	4.7	0.3	3.6	8.1	83.2	55.9	2.1	325.8	29.28	0.000
	20:00	6.4	0.3	3.4	8.5	80.5	58.6	3.9	332.6	29.29	0.000
21:00	8.3	0.3	3.6	9.1	75.8	69.6	2.2	312.6	29.31	0.000	
22:00	7.3	0.0	2.4	9.4	73.0	77.0	1.7	286.2	29.33	0.000	
23:00	ZS	0.0	3.0	8.8	70.6	82.9	2.0	284.0	29.34	0.000	
00:00	7.3	ZS	2.5	8.8	69.1	87.9	1.0	282.4	29.35	0.000	
Minimum		2.3	-0.5	2.0	3.8	68.4	35.7	1.0	4.1	29.24	0.00
Maximum		8.3	1.6	5.3	10.0	90.3	97.7	6.5	350.5	29.35	0.00
Average (Total)		4.1	0.2	3.4	7.9	78.1	69.4	3.8	252.3	29.28	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/03/2022	01:00	7.7	-0.3	ZS	8.8	69.1	86.5	0.8	104.4	29.36	0.000
	02:00	7.7	0.0	2.1	9.6	67.6	91.4	1.1	125.1	29.37	0.000
	03:00	7.7	0.3	1.8	10.1	66.8	94.4	0.3	112.3	29.37	0.000
	04:00	10.3	0.0	1.6	10.0	65.9	96.3	0.2	172.0	29.37	0.000
	05:00	10.3	0.0	1.6	9.9	65.2	97.6	0.2	117.2	29.38	0.000
	06:00	8.5	0.0	1.0	9.9	65.9	97.0	2.1	158.2	29.40	0.000
	07:00	6.0	0.0	1.6	9.7	70.0	82.8	1.2	163.2	29.41	0.000
	08:00	6.2	0.0	3.3	8.6	73.5	76.6	3.2	161.2	29.41	0.000
	09:00	5.6	0.3	4.0	8.7	76.5	71.7	3.2	161.7	29.42	0.000
	10:00	3.8	1.0	4.5	8.7	79.9	65.3	3.5	173.4	29.43	0.000
	11:00	2.6	0.8	5.5	8.8	82.5	62.3	4.5	212.2	29.43	0.000
	12:00	3.4	0.8	5.4	9.8	84.9	57.5	3.1	202.7	29.42	0.000
	13:00	2.8	0.8	4.6	9.8	86.4	55.1	5.5	180.6	29.40	0.000
	14:00	2.6	1.0	4.9	10.8	87.2	55.3	6.3	175.3	29.39	0.000
	15:00	2.3	0.8	5.0	11.4	88.0	53.9	6.8	173.9	29.37	0.000
	16:00	2.1	0.8	3.8	10.1	88.4	50.9	6.8	170.1	29.35	0.000
	17:00	2.1	0.8	4.4	10.1	87.9	51.9	6.4	175.5	29.34	0.000
	18:00	1.5	0.8	4.3	10.9	86.3	56.8	6.1	165.2	29.33	0.000
	19:00	1.7	0.5	4.6	10.2	83.9	61.3	4.4	159.2	29.33	0.000
	20:00	2.6	0.3	4.1	10.3	80.3	68.9	3.1	158.8	29.36	0.000
21:00	3.0	0.0	3.6	10.9	77.8	73.6	2.4	151.9	29.40	0.000	
22:00	3.2	0.0	3.6	10.8	75.6	78.1	2.1	143.3	29.41	0.000	
23:00	ZS	-0.3	3.0	10.8	73.3	85.2	1.3	153.4	29.40	0.000	
00:00	3.0	ZS	3.1	11.1	73.9	82.5	2.2	160.6	29.40	0.000	
Minimum		1.5	-0.3	1.0	8.6	65.2	50.9	0.2	104.4	29.33	0.00
Maximum		10.3	1.0	5.5	11.4	88.4	97.6	6.8	212.2	29.43	0.00
Average (Total)		4.6	0.4	3.5	10.0	77.4	73.0	3.2	159.6	29.39	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/04/2022	01:00	2.8	-0.3	ZS	10.6	73.6	83.8	2.8	154.4	29.39	0.000
	02:00	3.0	0.0	2.9	10.5	71.9	86.6	2.0	151.2	29.39	0.000
	03:00	3.6	-0.3	3.0	10.3	71.1	87.0	2.3	204.6	29.39	0.000
	04:00	3.4	0.0	3.6	10.5	71.7	84.9	2.7	163.1	29.40	0.000
	05:00	4.1	-0.3	2.5	10.5	70.7	87.6	2.5	167.5	29.40	0.000
	06:00	6.4	0.0	3.5	10.8	70.6	88.2	2.0	180.6	29.42	0.000
	07:00	5.5	0.3	4.6	10.9	73.9	79.3	1.4	174.2	29.43	0.000
	08:00	6.4	0.3	5.9	11.1	76.9	73.8	0.7	157.2	29.44	0.000
	09:00	5.3	0.5	7.3	10.4	80.8	66.8	0.9	264.4	29.44	0.000
	10:00	3.8	0.3	7.6	10.1	84.3	62.0	1.3	148.5	29.45	0.000
	11:00	3.6	0.5	7.5	9.8	87.4	57.6	2.1	175.2	29.45	0.000
	12:00	3.4	1.0	7.1	9.8	89.5	55.3	2.8	170.7	29.44	0.000
	13:00	3.4	1.0	6.5	10.3	91.5	52.3	3.1	121.4	29.43	0.000
	14:00	3.0	1.0	6.1	10.6	91.7	52.5	5.5	157.8	29.41	0.000
	15:00	1.9	0.8	5.3	9.8	91.1	54.0	6.5	171.4	29.40	0.000
	16:00	3.0	0.3	1.8	7.0	77.6	68.5	9.2	307.8	29.44	0.593
	17:00	3.2	0.0	1.4	4.2	70.4	89.1	4.0	121.3	29.45	0.128
	18:00	6.0	0.0	2.1	4.2	70.9	94.4	4.1	317.2	29.45	0.000
	19:00	7.5	0.0	2.0	4.3	71.9	92.0	3.3	26.8	29.47	0.004
	20:00	8.6	0.0	3.4	4.5	71.0	94.2	1.2	252.5	29.48	0.000
21:00	5.8	0.0	2.6	4.9	70.7	94.9	4.7	144.7	29.50	0.000	
22:00	3.8	-0.3	3.6	5.5	70.6	92.3	2.4	132.7	29.50	0.000	
23:00	ZS	-0.3	2.9	5.5	70.1	92.2	1.9	238.5	29.51	0.000	
00:00	3.8	ZS	3.1	6.2	70.0	93.6	0.9	93.9	29.51	0.000	
Minimum		1.9	-0.3	1.4	4.2	70.0	52.3	0.7	26.8	29.39	0.00
Maximum		8.6	1.0	7.6	11.1	91.7	94.9	9.2	317.2	29.51	0.59
Average (Total)		4.4	0.2	4.2	8.4	76.7	78.4	2.9	174.9	29.44	(0.73)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/05/2022	01:00	4.1	-0.3	ZS	6.3	70.1	93.8	1.1	329.5	29.51	0.036
	02:00	3.4	-0.3	3.6	5.9	70.2	94.7	4.9	180.6	29.51	0.048
	03:00	2.4	-0.3	3.6	4.2	69.8	93.7	3.0	191.8	29.50	0.056
	04:00	3.0	-0.5	3.5	4.1	69.5	94.3	2.0	268.0	29.50	0.000
	05:00	3.0	-0.3	3.4	4.5	69.3	94.5	1.2	206.5	29.50	0.000
	06:00	5.3	0.0	2.6	4.8	69.3	94.6	3.0	126.5	29.51	0.004
	07:00	8.1	0.3	3.1	4.9	70.0	93.6	0.9	130.1	29.52	0.000
	08:00	4.3	0.3	3.5	5.2	71.5	90.3	2.1	177.6	29.54	0.000
	09:00	3.9	0.0	3.5	5.0	73.8	84.0	0.8	183.0	29.55	0.000
	10:00	3.2	0.0	4.8	5.3	77.1	74.6	1.3	288.6	29.55	0.000
	11:00	3.4	0.0	5.8	5.6	79.5	72.2	0.8	50.1	29.56	0.000
	12:00	3.4	0.3	6.1	5.9	83.6	64.7	1.2	25.1	29.56	0.000
	13:00	2.6	0.3	6.3	5.9	84.8	65.0	2.3	107.1	29.54	0.000
	14:00	2.4	0.3	4.9	5.9	85.7	64.7	2.4	116.3	29.52	0.000
	15:00	2.8	0.5	3.5	5.8	85.4	62.5	1.6	66.2	29.51	0.000
	16:00	2.4	0.3	3.9	5.9	83.8	66.4	5.0	220.6	29.51	0.000
	17:00	3.0	0.0	3.9	4.4	74.9	85.0	4.8	271.5	29.53	0.004
	18:00	4.5	0.0	3.3	4.7	74.4	90.3	1.5	206.2	29.53	0.004
	19:00	3.2	0.0	3.4	4.3	74.7	90.0	2.6	174.7	29.54	0.000
	20:00	3.9	0.0	3.1	4.2	73.5	90.1	3.0	177.3	29.55	0.000
21:00	3.2	-0.3	3.3	4.0	72.8	89.7	1.8	188.8	29.58	0.000	
22:00	3.6	-0.3	3.0	5.3	72.4	93.0	1.3	96.5	29.57	0.000	
23:00	ZS	-0.3	2.8	4.9	71.3	95.9	0.2	124.8	29.57	0.000	
00:00	5.1	ZS	3.0	5.8	70.9	97.4	0.9	231.0	29.56	0.000	
Minimum		2.4	-0.5	2.6	4.0	69.3	62.5	0.2	25.1	29.50	0.00
Maximum		8.1	0.5	6.3	6.3	85.7	97.4	5.0	329.5	29.58	0.06
Average (Total)		3.7	0.0	3.8	5.1	74.9	84.8	2.1	172.4	29.53	(0.15)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/06/2022	01:00	3.8	-0.3	ZS	5.2	71.1	97.8	2.6	234.5	29.54	0.000
	02:00	3.6	-0.3	2.9	5.2	70.7	98.3	2.1	184.1	29.55	0.000
	03:00	3.2	-0.3	3.5	5.7	69.9	99.0	3.1	107.0	29.55	0.000
	04:00	3.4	-0.3	2.9	6.1	70.1	99.9	2.9	139.7	29.55	0.000
	05:00	3.4	-0.3	3.0	6.1	69.7	100.0	0.9	142.1	29.56	0.000
	06:00	4.3	-0.3	3.3	5.6	70.0	99.9	0.3	333.4	29.57	0.000
	07:00	3.2	-0.3	3.8	5.6	71.0	99.1	1.1	149.8	29.59	0.000
	08:00	3.4	-0.3	4.5	5.2	73.8	91.3	3.6	151.2	29.61	0.000
	09:00	2.4	0.0	5.0	5.1	75.4	84.8	3.5	185.7	29.62	0.000
	10:00	1.7	0.0	3.5	4.7	78.4	75.1	3.0	170.9	29.61	0.000
	11:00	1.9	0.0	5.6	4.7	81.1	72.6	4.1	121.3	29.60	0.000
	12:00	1.9	0.0	5.1	4.8	81.6	74.1	4.7	108.4	29.60	0.000
	13:00	1.5	0.3	4.9	4.7	82.5	71.3	6.1	123.0	29.59	0.000
	14:00	1.1	0.0	4.3	4.8	84.8	62.6	4.6	159.5	29.57	0.000
	15:00	0.9	0.3	3.4	4.8	85.6	61.5	4.2	162.8	29.55	0.000
	16:00	0.9	0.5	4.3	5.1	86.4	64.9	5.7	139.7	29.53	0.000
	17:00	1.1	0.5	4.3	5.2	85.9	66.4	6.4	157.8	29.53	0.000
	18:00	1.7	0.3	4.4	5.1	82.3	71.5	4.7	157.0	29.52	0.000
	19:00	2.3	0.0	4.4	5.1	80.8	75.2	4.0	155.4	29.52	0.000
	20:00	2.4	0.0	4.1	5.3	79.7	77.2	3.9	170.1	29.54	0.000
21:00	2.3	0.0	4.4	5.8	78.8	81.3	3.2	192.5	29.56	0.000	
22:00	2.3	0.0	2.9	6.3	77.7	83.4	2.8	193.1	29.57	0.000	
23:00	ZS	-0.3	2.9	6.5	76.3	83.5	2.7	174.9	29.58	0.000	
00:00	3.6	ZS	3.3	6.0	75.3	82.5	4.4	186.2	29.57	0.000	
Minimum		0.9	-0.3	2.9	4.7	69.7	61.5	0.3	107.0	29.52	0.00
Maximum		4.3	0.5	5.6	6.5	86.4	100.0	6.4	333.4	29.62	0.00
Average (Total)		2.4	0.0	3.9	5.4	77.5	82.2	3.5	166.7	29.57	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/07/2022	01:00	3.4	0.0	ZS	5.1	73.8	84.5	4.0	154.2	29.56	0.000
	02:00	3.6	-0.3	3.4	6.0	73.6	84.4	4.1	195.1	29.56	0.000
	03:00	3.4	-0.3	3.1	6.0	72.6	86.4	2.8	198.6	29.55	0.000
	04:00	3.6	-0.3	2.8	5.9	72.1	87.2	4.2	180.3	29.56	0.000
	05:00	4.1	-0.3	3.0	5.3	71.3	87.5	2.8	179.3	29.56	0.000
	06:00	4.1	0.0	3.0	5.3	70.7	89.8	2.9	154.2	29.57	0.000
	07:00	3.0	0.0	3.8	5.3	72.7	86.0	4.2	179.8	29.58	0.000
	08:00	2.3	0.3	3.3	4.7	75.2	80.5	5.0	186.6	29.58	0.000
	09:00	1.7	0.3	4.9	4.6	79.1	73.0	4.1	194.4	29.57	0.000
	10:00	1.5	0.5	4.9	4.6	82.5	69.0	5.3	188.5	29.57	0.000
	11:00	1.5	0.5	5.5	4.8	85.5	63.5	4.8	211.3	29.56	0.000
	12:00	1.3	0.8	4.6	4.6	87.0	58.9	5.4	215.1	29.55	0.000
	13:00	1.1	0.8	4.0	4.9	88.5	56.4	5.1	178.2	29.53	0.000
	14:00	1.1	0.8	3.6	4.8	88.6	57.7	5.9	152.9	29.51	0.000
	15:00	0.9	0.8	3.8	5.2	88.9	57.2	6.9	165.5	29.49	0.000
	16:00	1.1	0.5	3.9	5.4	87.4	62.9	4.8	175.8	29.47	0.000
	17:00	0.9	0.5	4.1	5.7	88.2	60.4	7.4	165.2	29.46	0.000
	18:00	1.5	0.5	3.3	5.9	84.5	66.6	3.3	175.2	29.46	0.000
	19:00	2.1	0.3	3.1	4.9	77.0	84.1	5.7	14.3	29.48	0.080
	20:00	2.3	0.0	3.6	4.8	75.5	90.5	3.3	166.5	29.48	0.024
21:00	2.4	0.0	2.1	4.5	74.1	92.1	1.8	191.7	29.48	0.000	
22:00	2.3	0.0	2.6	4.8	73.2	92.9	2.6	206.2	29.49	0.000	
23:00	ZS	0.0	2.1	4.8	72.7	93.3	0.5	122.4	29.49	0.000	
00:00	3.2	ZS	1.9	6.0	71.3	97.8	1.7	130.0	29.48	0.000	
Minimum		0.9	-0.3	1.9	4.5	70.7	56.4	0.5	14.3	29.46	0.00
Maximum		4.1	0.8	5.5	6.0	88.9	97.8	7.4	215.1	29.58	0.08
Average (Total)		2.3	0.2	3.5	5.2	78.6	77.6	4.1	170.1	29.52	(0.10)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/08/2022	01:00	2.8	0.0	ZS	6.7	71.7	97.5	1.9	165.8	29.46	0.000
	02:00	3.6	-0.3	2.5	6.5	71.5	96.6	2.1	160.7	29.46	0.000
	03:00	4.1	0.0	2.8	6.7	71.2	97.4	2.1	159.5	29.45	0.000
	04:00	4.3	-0.3	2.6	6.3	70.8	97.6	0.9	216.9	29.45	0.004
	05:00	3.8	0.0	2.3	7.0	70.2	98.1	1.2	134.2	29.45	0.000
	06:00	4.1	-0.3	2.6	6.4	70.2	98.3	1.8	155.1	29.45	0.000
	07:00	4.7	0.0	3.9	5.3	73.4	89.7	2.0	214.3	29.46	0.000
	08:00	3.2	0.3	4.4	5.4	76.9	80.0	2.4	205.8	29.46	0.000
	09:00	3.2	0.3	5.6	5.5	80.4	73.1	2.4	192.2	29.45	0.000
	10:00	2.8	0.5	6.5	5.8	83.8	66.4	3.1	216.9	29.44	0.000
	11:00	2.4	1.0	5.9	6.0	86.0	63.2	4.4	212.3	29.44	0.000
	12:00	2.1	0.8	5.1	6.3	87.6	60.9	5.1	195.9	29.42	0.000
	13:00	2.1	0.5	5.3	6.6	88.7	58.7	5.6	188.4	29.41	0.000
	14:00	2.1	0.5	5.1	6.5	90.0	56.0	6.2	196.3	29.39	0.000
	15:00	1.9	0.8	5.3	6.3	89.9	55.6	6.9	198.4	29.37	0.000
	16:00	2.8	0.8	3.1	5.6	84.7	62.4	1.6	71.0	29.37	0.000
	17:00	2.8	0.3	1.6	4.6	81.7	65.3	2.2	119.3	29.34	0.000
	18:00	3.8	0.3	2.6	4.7	84.0	66.8	2.8	121.7	29.33	0.000
	19:00	3.6	0.3	3.5	5.1	83.3	73.1	2.9	130.2	29.32	0.000
	20:00	3.0	0.0	3.5	6.2	81.6	79.1	2.9	162.1	29.33	0.000
21:00	2.4	0.0	3.0	9.3	80.2	80.3	3.3	174.6	29.34	0.000	
22:00	3.0	0.3	2.9	7.5	79.1	81.5	3.9	191.1	29.34	0.000	
23:00	ZS	0.3	3.0	6.8	78.0	82.9	3.3	229.9	29.35	0.000	
00:00	3.6	ZS	2.9	7.0	76.7	85.3	3.4	209.0	29.36	0.000	
Minimum		1.9	-0.3	1.6	4.6	70.2	55.6	0.9	71.0	29.32	0.00
Maximum		4.7	1.0	6.5	9.3	90.0	98.3	6.9	229.9	29.46	0.00
Average (Total)		3.1	0.3	3.7	6.3	79.6	77.7	3.1	175.9	29.40	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/09/2022	01:00	6.4	0.3	ZS	7.3	76.1	85.4	4.7	186.1	29.36	0.000
	02:00	6.6	0.0	2.8	7.3	75.0	87.2	4.1	182.5	29.34	0.000
	03:00	7.1	0.3	3.5	6.7	75.4	84.7	4.9	212.1	29.35	0.000
	04:00	7.7	0.3	3.3	6.7	74.6	86.9	5.0	201.0	29.35	0.000
	05:00	6.2	0.0	3.4	7.0	73.8	87.8	2.7	191.6	29.35	0.000
	06:00	5.3	0.0	2.1	6.9	72.2	92.3	1.8	154.2	29.36	0.000
	07:00	5.1	0.0	3.0	6.6	75.6	83.7	2.6	172.7	29.37	0.000
	08:00	4.1	0.3	4.3	6.2	79.7	75.1	4.4	208.9	29.38	0.000
	09:00	3.6	0.5	6.0	6.6	83.4	68.8	5.7	215.0	29.38	0.000
	10:00	3.8	0.5	6.5	7.4	86.2	64.2	5.6	219.3	29.38	0.000
	11:00	1.5	0.8	6.1	8.1	88.7	59.3	6.1	250.7	29.38	0.000
	12:00	1.9	0.8	6.0	9.0	90.4	55.1	5.5	251.3	29.37	0.000
	13:00	1.7	0.8	5.3	9.6	91.7	52.7	6.7	236.2	29.36	0.000
	14:00	1.5	0.8	4.5	8.9	92.3	49.6	7.2	228.6	29.34	0.000
	15:00	1.7	0.8	4.5	7.5	92.0	51.0	4.0	220.6	29.33	0.000
	16:00	1.7	0.5	4.8	7.2	90.8	57.0	6.2	198.0	29.31	0.000
	17:00	1.7	0.5	4.6	7.0	91.0	57.1	5.4	184.7	29.31	0.000
	18:00	6.2	0.5	4.6	8.2	81.6	74.7	3.0	81.6	29.32	0.349
	19:00	2.3	0.3	3.3	7.1	76.9	83.8	4.3	167.0	29.36	0.008
	20:00	3.0	0.3	2.9	7.4	74.3	91.9	1.4	211.3	29.38	0.000
21:00	3.4	0.3	1.9	7.7	73.8	95.1	0.1	60.7	29.39	0.000	
22:00	3.2	0.3	1.4	8.4	73.3	97.2	1.3	175.5	29.39	0.000	
23:00	ZS	0.3	1.8	8.8	73.5	94.9	0.1	190.9	29.40	0.000	
00:00	4.1	ZS	1.3	9.5	72.7	95.2	0.6	108.5	29.42	0.000	
Minimum		1.5	0.0	1.3	6.2	72.2	49.6	0.1	60.7	29.31	0.00
Maximum		7.7	0.8	6.5	9.6	92.3	97.2	7.2	251.3	29.42	0.35
Average (Total)		3.9	0.4	3.8	7.6	80.6	76.3	3.9	187.9	29.36	(0.36)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/10/2022	01:00	3.0	0.3	ZS	10.7	72.0	95.6	1.2	150.0	29.42	0.000
	02:00	3.4	0.3	2.1	11.6	72.0	95.5	0.4	179.5	29.42	0.000
	03:00	4.5	0.3	2.0	10.7	71.5	96.4	0.9	214.7	29.42	0.000
	04:00	3.9	0.0	2.1	10.9	71.5	96.9	0.5	214.3	29.42	0.000
	05:00	3.8	0.0	2.4	11.7	71.8	97.6	0.4	207.9	29.43	0.000
	06:00	8.3	0.3	2.6	9.4	72.2	97.4	1.6	217.1	29.45	0.000
	07:00	7.0	0.3	3.0	9.1	73.4	94.8	0.8	176.9	29.46	0.000
	08:00	5.3	0.5	4.3	8.6	76.1	85.2	1.0	267.4	29.46	0.000
	09:00	6.2	1.3	4.3	9.3	80.1	71.3	2.0	5.9	29.46	0.000
	10:00	6.8	2.6	5.1	9.9	82.6	67.8	1.5	337.3	29.46	0.000
	11:00	7.9	3.7	5.8	10.9	84.2	67.0	2.9	24.4	29.46	0.000
	12:00	4.1	1.6	5.0	10.7	84.1	67.3	2.7	51.0	29.45	0.000
	13:00	3.4	1.0	5.6	10.7	86.5	63.8	3.3	85.4	29.42	0.000
	14:00	3.9	1.0	4.6	11.0	85.1	71.1	2.0	19.5	29.40	0.136
	15:00	3.4	0.3	1.1	4.5	71.3	92.3	3.8	232.0	29.40	0.356
	16:00	4.1	0.3	1.8	3.7	70.2	92.3	3.3	214.5	29.39	0.024
	17:00	3.9	0.3	1.9	3.7	70.6	94.1	2.6	185.3	29.39	0.028
	18:00	3.6	0.3	2.0	3.6	70.9	97.4	1.8	176.3	29.40	0.004
	19:00	3.8	0.0	2.0	3.8	71.3	98.1	1.5	174.9	29.40	0.016
	20:00	5.8	0.0	2.3	4.0	71.3	98.3	3.6	212.9	29.40	0.040
21:00	6.6	0.3	2.6	3.5	71.2	98.0	6.2	219.0	29.40	0.116	
22:00	2.8	0.0	2.6	2.5	70.1	97.8	2.8	245.0	29.40	0.056	
23:00	ZS	0.0	2.5	3.1	70.1	98.9	2.7	164.2	29.39	0.004	
00:00	4.1	ZS	2.5	3.6	70.5	99.1	3.1	217.7	29.39	0.000	
Minimum		2.8	0.0	1.1	2.5	70.1	63.8	0.4	5.9	29.39	0.00
Maximum		8.3	3.7	5.8	11.7	86.5	99.1	6.2	337.3	29.46	0.36
Average (Total)		4.8	0.6	3.1	7.6	74.6	88.9	2.2	174.7	29.42	(0.78)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/11/2022	01:00	6.4	0.3	ZS	4.1	70.6	99.1	2.5	250.0	29.38	0.000
	02:00	7.1	0.3	2.5	4.8	70.5	99.1	0.1	205.6	29.36	0.000
	03:00	7.7	0.5	2.6	5.1	70.3	99.4	1.7	257.2	29.36	0.000
	04:00	6.2	0.5	2.1	5.2	70.3	96.7	0.8	257.5	29.36	0.040
	05:00	6.2	0.5	2.3	6.2	70.7	95.0	2.7	278.8	29.36	0.064
	06:00	6.4	0.8	2.0	6.6	70.6	91.9	2.8	255.5	29.37	0.004
	07:00	7.1	0.8	2.0	7.2	71.2	88.8	3.5	297.3	29.38	0.000
	08:00	7.7	1.3	2.6	8.1	72.7	83.9	4.7	323.0	29.38	0.000
	09:00	4.3	1.8	2.8	7.5	75.2	67.3	7.6	337.8	29.38	0.000
	10:00	4.5	1.8	2.9	7.9	76.9	57.5	7.6	318.3	29.38	0.000
	11:00	3.0	2.1	2.0	6.6	79.0	47.1	7.9	336.9	29.38	0.000
	12:00	3.0	2.1	2.6	6.9	80.2	47.7	6.3	319.3	29.37	0.000
	13:00	2.6	1.6	2.1	6.2	82.8	41.1	6.4	336.6	29.36	0.000
	14:00	2.8	1.3	3.0	6.1	84.4	40.9	7.1	344.7	29.35	0.000
	15:00	3.0	1.3	3.6	6.5	85.1	41.8	6.7	339.9	29.33	0.000
	16:00	3.2	1.3	2.1	7.4	85.8	41.5	5.9	346.2	29.32	0.000
	17:00	3.4	1.3	2.4	8.1	85.0	42.8	4.7	334.1	29.31	0.000
	18:00	5.6	2.4	3.6	10.8	83.9	46.1	3.3	304.8	29.30	0.000
	19:00	4.5	1.3	2.3	11.2	79.3	56.3	6.4	335.9	29.32	0.000
	20:00	5.3	1.0	1.6	9.9	76.1	61.3	5.4	325.6	29.34	0.000
21:00	2.8	1.0	1.1	7.8	69.6	75.7	2.8	336.1	29.37	0.172	
22:00	4.1	1.0	1.0	7.9	67.5	90.0	1.2	239.1	29.37	0.004	
23:00	ZS	1.3	1.6	8.0	68.1	90.9	2.5	244.9	29.38	0.000	
00:00	6.2	ZS	1.3	8.2	67.8	89.0	2.8	264.9	29.37	0.000	
Minimum		2.6	0.3	1.0	4.1	67.5	40.9	0.1	205.6	29.30	0.00
Maximum		7.7	2.4	3.6	11.2	85.8	99.4	7.9	346.2	29.38	0.17
Average (Total)		4.9	1.2	2.3	7.3	75.6	70.5	4.3	299.6	29.36	(0.28)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/12/2022	01:00	5.5	1.6	ZS	7.9	68.7	81.0	4.0	315.5	29.37	0.000
	02:00	4.9	2.1	0.9	6.8	68.7	73.3	4.0	323.0	29.37	0.000
	03:00	5.5	1.6	0.3	6.4	67.5	73.4	3.0	323.7	29.39	0.000
	04:00	4.7	1.3	0.3	6.7	64.3	81.9	0.7	337.0	29.39	0.000
	05:00	11.1	1.0	-0.6	6.7	62.5	81.8	2.3	331.3	29.40	0.000
	06:00	12.0	1.0	-0.5	6.6	62.5	78.2	2.6	345.5	29.42	0.000
	07:00	12.2	1.0	0.5	6.2	64.1	73.6	5.4	356.3	29.43	0.000
	08:00	12.4	1.3	0.1	6.9	67.6	65.2	5.5	349.1	29.44	0.000
	09:00	4.1	1.0	0.4	5.0	71.2	57.3	7.0	348.8	29.45	0.000
	10:00	3.4	0.8	2.0	4.9	74.3	53.7	7.2	352.2	29.45	0.000
	11:00	3.0	0.8	2.0	5.0	76.9	45.5	7.6	351.9	29.46	0.000
	12:00	2.4	0.8	0.9	4.2	78.9	40.7	7.7	1.1	29.45	0.000
	13:00	1.7	1.3	0.5	3.8	80.9	36.8	6.3	0.9	29.45	0.000
	14:00	1.7	1.0	-0.4	3.6	81.0	35.4	6.6	340.7	29.43	0.000
	15:00	2.6	0.8	-0.4	3.6	81.5	32.9	6.9	355.8	29.42	0.000
	16:00	2.8	1.0	-1.1	3.5	81.8	30.4	7.0	353.4	29.42	0.000
	17:00	3.0	1.0	0.1	4.0	81.4	31.8	6.1	346.3	29.42	0.000
	18:00	3.9	1.3	-0.9	3.5	80.0	32.1	4.9	342.5	29.42	0.000
	19:00	8.5	1.8	5.1	18.0	76.2	41.8	2.5	310.0	29.42	0.000
	20:00	13.3	1.8	4.3	32.2	66.4	73.6	0.3	243.0	29.43	0.000
21:00	9.8	1.3	2.3	7.1	63.3	77.1	0.1	250.7	29.45	0.000	
22:00	11.8	1.3	2.4	8.2	61.4	78.4	0.2	135.1	29.46	0.000	
23:00	ZS	1.0	2.9	17.1	59.7	79.2	0.4	145.7	29.47	0.000	
00:00	14.3	ZS	1.9	13.3	58.1	84.0	0.2	246.4	29.48	0.000	
Minimum		1.7	0.8	-1.1	3.5	58.1	30.4	0.1	0.9	29.37	0.00
Maximum		14.3	2.1	5.1	32.2	81.8	84.0	7.7	356.3	29.48	0.00
Average (Total)		6.7	1.2	1.0	8.0	70.8	60.0	4.1	283.6	29.43	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/13/2022	01:00	10.3	1.3	ZS	9.6	56.9	89.6	0.1	135.8	29.49	0.000
	02:00	17.9	1.0	0.3	6.9	56.2	89.4	0.6	343.9	29.49	0.000
	03:00	8.1	1.3	-0.1	7.0	55.5	92.8	0.4	331.8	29.51	0.000
	04:00	7.0	1.3	-0.8	5.1	54.6	93.6	0.6	300.9	29.52	0.000
	05:00	6.0	1.3	-1.1	6.3	52.9	94.9	0.3	164.4	29.53	0.000
	06:00	6.0	1.0	-1.0	6.0	52.4	95.5	0.0	123.8	29.54	0.000
	07:00	3.0	1.3	-0.6	6.0	57.8	74.0	0.0	117.2	29.55	0.000
	08:00	4.3	1.6	0.8	4.8	63.1	60.6	2.2	53.9	29.55	0.000
	09:00	3.4	1.6	-0.4	4.3	67.7	52.7	2.6	11.2	29.55	0.000
	10:00	2.6	1.6	0.5	5.9	72.2	44.0	2.4	9.3	29.55	0.000
	11:00	1.5	1.6	-1.5	3.5	74.8	36.9	3.1	19.4	29.55	0.000
	12:00	1.5	1.0	-1.5	3.7	76.5	34.9	2.3	16.7	29.54	0.000
	13:00	1.7	1.0	-0.4	3.9	77.9	34.1	2.1	351.4	29.51	0.000
	14:00	1.7	1.3	-0.8	4.0	79.1	32.7	2.5	44.8	29.50	0.000
	15:00	2.1	1.6	-0.6	3.7	80.6	28.9	2.2	6.3	29.47	0.000
	16:00	2.1	1.8	-0.8	4.0	79.9	30.5	1.3	74.1	29.46	0.000
	17:00	1.9	2.4	-0.4	3.8	78.1	33.3	2.5	151.5	29.45	0.000
	18:00	1.9	1.8	0.3	3.6	75.0	43.1	2.2	143.9	29.45	0.000
	19:00	2.4	1.3	0.3	3.7	70.9	58.0	2.2	149.2	29.45	0.000
	20:00	5.6	1.6	1.4	4.6	67.1	65.6	2.4	168.6	29.45	0.000
21:00	4.1	1.8	0.1	5.2	64.7	67.6	1.6	163.5	29.46	0.000	
22:00	4.9	1.8	1.4	8.3	62.2	71.8	0.8	257.5	29.46	0.000	
23:00	ZS	1.6	0.5	6.4	62.4	76.7	0.6	170.6	29.45	0.000	
00:00	3.6	ZS	1.4	7.4	62.6	77.8	0.5	162.0	29.46	0.000	
Minimum		1.5	1.0	-1.5	3.5	52.4	28.9	0.0	6.3	29.45	0.00
Maximum		17.9	2.4	1.4	9.6	80.6	95.5	3.1	351.4	29.55	0.00
Average (Total)		4.5	1.5	-0.1	5.3	66.7	61.6	1.5	144.7	29.50	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/14/2022	01:00	4.7	1.6	ZS	6.8	62.4	83.0	2.0	134.3	29.45	0.000
	02:00	5.3	1.3	1.0	6.6	62.4	82.7	2.5	121.6	29.44	0.000
	03:00	7.0	1.3	0.3	6.5	62.4	84.2	1.3	130.6	29.42	0.000
	04:00	6.8	1.8	-0.9	9.1	61.1	85.6	0.4	164.5	29.42	0.000
	05:00	7.0	1.8	-0.5	9.6	59.3	90.4	1.8	81.5	29.42	0.000
	06:00	5.3	1.6	-1.1	7.1	57.7	95.1	1.4	127.2	29.43	0.000
	07:00	3.6	1.3	-0.1	6.2	63.2	77.6	1.6	167.4	29.42	0.000
	08:00	3.2	1.6	1.4	5.3	68.2	67.3	2.7	133.0	29.41	0.000
	09:00	3.0	1.3	2.5	5.1	71.5	61.0	2.6	115.4	29.41	0.000
	10:00	1.5	1.3	1.1	4.3	74.8	56.1	5.8	163.3	29.41	0.000
	11:00	1.1	1.3	2.0	4.2	76.6	53.7	6.8	166.2	29.40	0.000
	12:00	1.1	1.3	1.4	4.5	77.5	52.9	7.8	164.0	29.39	0.000
	13:00	1.1	1.3	1.8	4.5	78.3	51.3	8.6	166.9	29.39	0.000
	14:00	1.5	1.6	1.8	4.7	76.5	53.5	8.0	171.0	29.38	0.000
	15:00	1.7	1.3	1.6	5.0	74.2	61.2	5.1	174.5	29.38	0.000
	16:00	2.3	1.3	3.1	4.9	71.8	74.5	2.7	178.6	29.38	0.000
	17:00	2.3	1.0	2.5	4.8	70.9	81.5	3.0	161.0	29.38	0.008
	18:00	2.1	0.8	2.8	4.7	68.5	86.9	4.7	175.2	29.38	0.008
	19:00	3.0	0.8	1.8	4.9	67.3	90.5	1.0	181.1	29.38	0.016
	20:00	3.4	1.0	2.3	5.4	66.4	94.9	2.5	145.1	29.38	0.020
21:00	4.9	0.8	1.1	6.1	66.2	95.7	0.8	260.8	29.40	0.024	
22:00	3.6	0.8	1.4	5.7	65.2	96.2	1.6	157.6	29.40	0.096	
23:00	ZS	0.8	1.6	5.6	64.0	97.5	2.9	94.0	29.40	0.004	
00:00	10.5	ZS	1.5	5.5	63.7	98.3	2.5	88.1	29.39	0.000	
Minimum		1.1	0.8	-1.1	4.2	57.7	51.3	0.4	81.5	29.38	0.00
Maximum		10.5	1.8	3.1	9.6	78.3	98.3	8.6	260.8	29.45	0.10
Average (Total)		3.7	1.3	1.3	5.7	67.9	78.0	3.3	151.0	29.40	(0.18)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/15/2022	01:00	4.1	0.8	ZS	5.6	63.6	97.8	1.9	89.7	29.37	0.000
	02:00	6.8	0.8	0.9	5.9	63.6	97.5	1.9	105.0	29.36	0.000
	03:00	5.6	0.8	0.4	6.0	64.0	96.1	3.4	106.9	29.35	0.000
	04:00	3.4	0.5	0.8	5.6	64.2	95.4	3.4	117.1	29.34	0.000
	05:00	4.5	0.5	0.0	5.7	64.3	96.0	3.4	111.3	29.34	0.000
	06:00	5.3	0.3	0.8	6.1	64.4	96.7	2.9	109.6	29.34	0.000
	07:00	7.1	0.5	1.3	6.1	64.7	97.1	2.4	103.1	29.34	0.000
	08:00	6.4	0.5	1.5	5.8	65.3	95.0	3.8	106.4	29.35	0.000
	09:00	7.5	0.5	0.9	5.9	64.9	95.4	4.0	93.5	29.35	0.000
	10:00	7.5	0.5	0.5	CI	65.1	95.9	4.0	105.8	29.36	0.008
	11:00	5.1	0.3	1.0	CI	66.0	93.9	5.0	111.7	29.36	0.004
	12:00	4.1	0.3	2.0	5.2	67.1	88.3	5.1	127.4	29.35	0.000
	13:00	3.0	0.3	2.0	4.9	66.5	91.2	3.3	160.6	29.36	0.000
	14:00	1.9	0.5	1.9	4.8	66.7	83.7	4.7	172.3	29.36	0.000
	15:00	1.5	0.5	1.5	4.8	66.7	82.9	3.5	178.2	29.35	0.004
	16:00	1.9	0.5	0.6	4.8	64.8	85.2	4.7	175.6	29.35	0.088
	17:00	2.4	0.5	0.6	5.0	63.1	94.7	3.1	178.2	29.36	0.120
	18:00	2.3	0.3	0.5	4.6	64.4	91.6	1.5	232.6	29.35	0.000
	19:00	7.9	0.5	1.0	7.2	64.1	93.6	1.6	27.4	29.35	0.000
	20:00	5.8	0.8	1.0	14.7	63.7	96.5	1.7	38.6	29.36	0.000
21:00	3.2	0.8	0.6	10.1	62.9	98.2	1.5	58.5	29.38	0.000	
22:00	4.1	0.5	0.8	10.4	62.6	98.5	0.5	163.2	29.38	0.000	
23:00	ZS	0.5	0.0	7.6	62.6	98.7	1.7	299.7	29.39	0.004	
00:00	4.3	ZS	0.9	7.7	62.9	99.0	2.5	358.9	29.38	0.024	
Minimum		1.5	0.3	0.0	4.6	62.6	82.9	0.5	27.4	29.34	0.00
Maximum		7.9	0.8	2.0	14.7	67.1	99.0	5.1	358.9	29.39	0.12
Average (Total)		4.6	0.5	0.9	6.6	64.5	94.1	3.0	138.8	29.36	(0.25)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/16/2022	01:00	7.3	0.5	ZS	7.5	62.6	99.2	3.0	6.8	29.37	0.000
	02:00	10.7	0.5	0.4	8.9	62.4	99.4	2.4	26.8	29.38	0.000
	03:00	8.8	0.5	0.1	8.9	62.3	98.4	2.0	44.5	29.38	0.004
	04:00	8.8	0.5	0.8	9.7	62.2	97.7	2.2	15.6	29.37	0.008
	05:00	9.6	0.8	1.3	12.6	62.3	98.4	0.9	343.0	29.37	0.004
	06:00	7.3	0.8	0.4	11.0	62.1	99.4	2.4	243.3	29.37	0.000
	07:00	6.4	0.8	0.6	9.5	62.3	99.5	1.0	201.2	29.38	0.000
	08:00	7.1	0.5	1.0	8.5	63.3	98.0	0.5	129.4	29.39	0.000
	09:00	10.2	1.3	1.4	14.9	65.5	89.5	1.3	296.0	29.39	0.000
	10:00	9.0	3.1	2.3	14.0	69.0	78.1	0.6	332.9	29.40	0.000
	11:00	7.3	3.1	2.3	10.2	70.9	68.1	1.1	93.4	29.41	0.004
	12:00	4.3	1.8	2.3	6.8	73.1	61.7	2.2	41.5	29.40	0.000
	13:00	3.9	1.8	2.1	6.3	76.4	52.3	2.2	36.2	29.40	0.000
	14:00	3.4	1.0	1.6	5.7	77.1	49.1	2.1	101.4	29.39	0.000
	15:00	3.6	2.1	1.9	5.6	78.9	46.1	1.0	19.5	29.37	0.000
	16:00	2.8	1.0	1.5	5.7	79.7	44.3	4.3	55.6	29.35	0.000
	17:00	2.8	0.8	0.5	5.0	80.0	40.4	5.3	60.9	29.34	0.000
	18:00	3.9	1.0	0.9	5.2	78.3	43.9	3.8	63.7	29.35	0.000
	19:00	7.0	1.0	0.9	7.4	73.4	57.9	1.9	62.2	29.36	0.000
	20:00	6.8	0.8	1.5	8.4	66.0	79.4	0.9	108.5	29.37	0.000
21:00	6.6	0.8	1.4	6.4	63.7	82.6	0.6	81.9	29.38	0.000	
22:00	7.5	0.8	0.3	6.8	61.8	85.2	0.0	199.0	29.39	0.000	
23:00	ZS	0.8	1.1	13.6	60.3	89.7	0.4	251.9	29.39	0.000	
00:00	7.1	ZS	1.3	20.2	58.8	93.1	0.2	287.2	29.40	0.000	
Minimum		2.8	0.5	0.1	5.0	58.8	40.4	0.0	6.8	29.34	0.00
Maximum		10.7	3.1	2.3	20.2	80.0	99.5	5.3	343.0	29.41	0.01
Average (Total)		6.6	1.1	1.2	9.1	68.0	77.2	1.8	129.3	29.38	(0.02)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/17/2022	01:00	9.8	0.8	ZS	16.7	58.1	93.2	0.2	193.6	29.39	0.000
	02:00	10.3	0.8	-0.3	12.7	57.2	92.5	0.3	137.1	29.39	0.000
	03:00	8.3	0.8	0.0	10.6	58.7	93.5	0.9	56.2	29.39	0.000
	04:00	9.8	0.8	0.0	8.8	60.3	92.6	0.6	35.3	29.39	0.000
	05:00	7.9	0.8	-0.8	8.8	58.6	93.0	0.6	265.8	29.40	0.000
	06:00	10.0	0.8	-0.3	9.8	58.3	93.6	0.8	249.6	29.41	0.000
	07:00	6.0	0.8	0.3	9.3	60.5	90.1	0.5	114.5	29.42	0.000
	08:00	15.2	1.0	1.4	9.1	63.0	90.5	1.5	107.6	29.43	0.000
	09:00	13.5	8.6	1.3	9.2	66.4	79.9	0.5	91.9	29.43	0.000
	10:00	9.8	2.1	2.6	9.1	72.0	64.8	2.2	294.1	29.42	0.000
	11:00	9.6	1.6	3.5	8.5	77.2	55.5	3.3	10.4	29.42	0.000
	12:00	5.8	2.1	2.5	7.9	79.8	48.7	3.6	8.9	29.41	0.000
	13:00	4.9	2.4	1.9	6.9	81.4	44.0	2.3	359.7	29.39	0.000
	14:00	3.8	1.3	1.9	7.2	80.2	47.0	2.4	269.6	29.37	0.000
	15:00	3.9	1.0	1.5	6.6	76.2	58.3	5.0	248.4	29.35	0.000
	16:00	6.0	2.1	2.5	6.8	80.2	48.2	5.8	323.4	29.34	0.000
	17:00	3.6	1.6	2.9	6.6	79.0	47.5	4.7	269.2	29.34	0.000
	18:00	3.8	1.8	2.1	6.5	77.7	50.1	6.5	346.5	29.35	0.000
	19:00	4.3	1.3	1.3	5.4	69.3	68.8	7.7	33.1	29.38	0.000
	20:00	10.5	1.0	1.0	5.9	65.9	81.1	3.3	16.2	29.38	0.000
21:00	7.3	1.0	1.6	7.7	64.1	85.6	3.5	337.8	29.38	0.000	
22:00	7.3	1.0	1.8	16.6	61.1	91.3	1.3	288.6	29.38	0.000	
23:00	ZS	0.8	0.0	10.3	59.4	95.5	1.8	174.5	29.38	0.000	
00:00	5.6	ZS	-0.5	7.7	58.7	96.2	1.5	198.9	29.37	0.000	
Minimum		3.6	0.8	-0.8	5.4	57.2	44.0	0.2	8.9	29.34	0.00
Maximum		15.2	8.6	3.5	16.7	81.4	96.2	7.7	359.7	29.43	0.00
Average (Total)		7.7	1.6	1.2	8.9	67.6	75.1	2.5	184.6	29.39	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/18/2022	01:00	6.4	0.8	ZS	7.1	57.9	94.2	1.5	157.0	29.36	0.000
	02:00	5.5	0.8	-0.8	7.1	56.9	96.9	1.1	159.4	29.36	0.000
	03:00	5.8	0.8	-0.5	8.2	56.7	97.2	0.6	353.9	29.35	0.000
	04:00	5.3	0.8	-1.0	8.9	55.5	96.1	0.1	213.3	29.36	0.000
	05:00	4.9	0.8	-1.0	8.3	55.0	93.6	0.5	123.5	29.36	0.000
	06:00	10.7	0.8	-1.1	8.2	54.7	94.7	0.6	128.1	29.38	0.000
	07:00	8.6	0.8	-0.1	7.4	58.5	89.6	0.4	234.8	29.38	0.000
	08:00	5.5	1.0	0.9	7.3	62.9	78.9	1.0	162.5	29.38	0.000
	09:00	4.9	1.8	2.4	7.0	66.8	73.5	1.2	88.2	29.38	0.000
	10:00	4.5	3.7	2.5	8.9	71.4	64.5	0.5	18.7	29.38	0.000
	11:00	3.9	2.9	3.3	7.3	75.6	53.7	2.9	309.5	29.37	0.000
	12:00	5.5	2.4	3.4	7.5	77.7	51.8	2.8	294.2	29.36	0.000
	13:00	3.9	1.6	1.9	6.3	80.6	42.8	2.7	351.2	29.36	0.000
	14:00	2.3	1.6	2.6	5.3	80.9	42.2	4.1	255.1	29.34	0.000
	15:00	1.9	1.6	1.5	5.5	82.3	41.1	1.1	293.0	29.33	0.000
	16:00	2.4	1.6	2.3	5.5	82.9	39.8	3.1	65.9	29.33	0.000
	17:00	2.6	1.6	2.1	5.5	82.0	42.7	3.0	73.4	29.33	0.000
	18:00	2.3	1.3	2.0	5.3	80.3	48.3	2.6	103.3	29.33	0.000
	19:00	4.1	1.0	2.4	5.5	75.0	63.4	1.7	103.9	29.34	0.000
	20:00	7.1	0.8	2.5	6.0	68.5	78.1	2.2	150.6	29.35	0.000
21:00	4.9	0.8	2.0	6.6	65.9	84.3	2.9	149.6	29.37	0.000	
22:00	3.9	0.8	1.8	6.5	68.3	74.7	2.3	182.5	29.38	0.000	
23:00	ZS	0.8	0.8	6.9	64.6	87.5	1.4	204.0	29.39	0.000	
00:00	4.1	ZS	1.6	7.2	66.6	84.3	3.1	207.6	29.39	0.000	
Minimum		1.9	0.8	-1.1	5.3	54.7	39.8	0.1	18.7	29.33	0.00
Maximum		10.7	3.7	3.4	8.9	82.9	97.2	4.1	353.9	29.39	0.00
Average (Total)		4.8	1.3	1.4	6.9	68.6	71.4	1.8	182.6	29.36	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/19/2022	01:00	6.0	0.8	ZS	7.7	64.9	89.1	3.1	150.3	29.40	0.000
	02:00	4.7	0.8	0.6	8.0	63.0	92.4	1.2	153.8	29.40	0.000
	03:00	9.0	0.8	0.1	8.1	61.2	94.9	0.8	99.4	29.41	0.000
	04:00	11.3	0.8	-0.4	8.4	60.4	94.0	0.1	167.2	29.41	0.000
	05:00	8.3	0.8	-0.9	8.6	59.7	95.6	0.1	174.2	29.42	0.000
	06:00	7.3	0.8	-0.9	8.7	59.5	95.8	0.5	138.8	29.43	0.000
	07:00	10.9	0.8	0.8	9.3	62.9	88.0	0.9	242.8	29.45	0.000
	08:00	13.7	0.8	2.6	9.4	67.2	71.0	0.5	299.9	29.46	0.000
	09:00	10.2	1.0	2.5	8.8	71.8	66.7	1.2	258.0	29.46	0.000
	10:00	4.3	0.8	3.4	7.5	74.7	65.7	1.3	187.6	29.47	0.000
	11:00	3.8	1.0	3.9	7.3	78.6	61.8	2.0	148.0	29.47	0.000
	12:00	2.6	0.8	3.6	7.5	80.5	58.1	3.8	161.5	29.46	0.000
	13:00	2.3	0.8	2.1	7.6	82.7	52.9	3.2	164.1	29.45	0.000
	14:00	1.9	1.0	2.9	7.5	84.3	49.3	3.3	149.6	29.44	0.000
	15:00	1.7	1.0	2.1	7.4	84.6	50.3	4.8	142.1	29.43	0.000
	16:00	2.1	1.0	2.5	7.7	82.1	58.4	4.9	180.9	29.42	0.000
	17:00	2.1	1.0	2.4	7.9	81.0	61.1	5.2	182.1	29.42	0.000
	18:00	2.3	1.0	2.8	7.6	79.3	68.0	4.0	181.5	29.43	0.000
	19:00	1.9	0.8	3.0	8.5	76.9	69.3	6.4	185.4	29.43	0.000
	20:00	2.4	0.8	2.8	8.4	74.2	71.0	3.9	187.3	29.45	0.000
21:00	2.6	0.5	1.5	8.1	73.4	72.7	3.1	162.2	29.46	0.000	
22:00	3.2	0.5	2.0	7.9	72.5	75.1	2.5	154.9	29.47	0.000	
23:00	ZS	0.5	2.4	7.7	72.0	76.8	2.5	185.0	29.48	0.000	
00:00	2.6	ZS	1.3	8.3	71.4	79.3	2.2	172.5	29.48	0.000	
Minimum		1.7	0.5	-0.9	7.3	59.5	49.3	0.1	99.4	29.40	0.00
Maximum		13.7	1.0	3.9	9.4	84.6	95.8	6.4	299.9	29.48	0.00
Average (Total)		5.1	0.8	1.9	8.1	72.4	73.2	2.5	176.2	29.44	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/20/2022	01:00	3.2	0.8	ZS	8.7	70.3	83.9	1.5	146.4	29.49	0.000
	02:00	3.4	0.8	1.8	9.3	69.1	87.9	2.1	140.3	29.49	0.000
	03:00	4.3	0.8	1.1	9.5	67.5	91.8	0.3	123.5	29.49	0.000
	04:00	4.5	0.5	1.0	9.4	65.9	93.5	0.0	0.0	29.49	0.000
	05:00	3.2	0.3	0.1	8.9	64.2	94.6	1.1	139.6	29.49	0.000
	06:00	3.8	0.5	0.6	9.3	65.1	94.2	2.4	141.7	29.51	0.000
	07:00	5.5	0.8	1.5	9.5	67.5	84.1	0.3	107.4	29.52	0.000
	08:00	3.8	0.8	3.4	9.5	72.1	78.3	2.4	175.9	29.53	0.000
	09:00	2.8	1.0	3.3	9.8	75.6	71.6	2.6	172.6	29.54	0.000
	10:00	2.4	0.8	4.1	9.4	78.6	65.5	4.1	142.1	29.53	0.000
	11:00	1.7	1.0	3.1	9.1	80.8	60.9	5.0	157.9	29.53	0.000
	12:00	1.3	1.3	3.0	8.7	82.0	56.8	6.2	171.1	29.52	0.000
	13:00	1.3	1.0	2.3	8.6	82.9	55.6	5.5	160.1	29.51	0.000
	14:00	1.1	1.0	1.4	7.3	84.2	49.7	5.7	172.2	29.50	0.000
	15:00	1.1	1.6	2.1	6.3	84.6	47.3	6.7	172.2	29.50	0.000
	16:00	0.9	1.3	1.8	6.1	84.5	48.2	5.9	163.6	29.48	0.000
	17:00	0.9	1.3	1.9	6.2	84.1	49.0	6.5	153.7	29.47	0.000
	18:00	1.1	1.3	2.1	5.8	82.6	51.8	4.9	153.1	29.47	0.000
	19:00	1.7	1.0	2.1	5.4	78.9	59.8	2.7	154.1	29.46	0.000
	20:00	2.1	1.0	1.9	5.6	76.1	68.7	3.1	153.8	29.47	0.000
21:00	2.1	0.8	3.6	5.5	75.2	74.3	3.9	151.4	29.48	0.000	
22:00	3.2	0.5	2.1	5.3	73.6	79.3	2.8	154.7	29.48	0.000	
23:00	ZS	0.5	2.5	5.2	72.9	80.7	3.1	160.6	29.48	0.000	
00:00	2.1	ZS	3.0	4.7	72.7	81.9	3.5	152.4	29.47	0.000	
Minimum		0.9	0.3	0.1	4.7	64.2	47.3	0.0	0.0	29.46	0.00
Maximum		5.5	1.6	4.1	9.8	84.6	94.6	6.7	175.9	29.54	0.00
Average (Total)		2.5	0.9	2.2	7.6	75.5	71.2	3.4	146.7	29.50	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/21/2022	01:00	2.3	0.5	ZS	5.0	71.9	85.0	3.0	151.4	29.47	0.000
	02:00	2.4	0.5	2.5	4.9	70.7	87.6	3.7	139.2	29.46	0.000
	03:00	2.4	0.8	2.3	4.9	70.3	87.5	2.4	136.2	29.46	0.000
	04:00	3.2	0.5	1.5	5.0	69.1	91.0	2.4	122.9	29.46	0.000
	05:00	3.4	0.5	1.6	5.1	68.1	93.0	2.4	121.0	29.45	0.000
	06:00	3.2	0.3	0.9	4.9	68.0	93.6	2.1	121.8	29.46	0.000
	07:00	2.8	0.5	1.6	4.6	69.9	90.8	3.0	120.2	29.47	0.000
	08:00	3.4	0.5	2.8	4.3	72.8	84.0	5.1	127.4	29.47	0.000
	09:00	2.4	0.5	3.4	4.3	75.7	78.8	6.7	127.2	29.45	0.000
	10:00	1.5	0.5	4.0	4.5	76.9	78.3	8.0	131.0	29.45	0.000
	11:00	1.5	0.5	3.5	5.0	76.9	80.3	8.1	136.7	29.45	0.000
	12:00	1.3	0.5	4.4	5.3	77.6	79.2	9.1	167.1	29.45	0.000
	13:00	1.1	0.5	3.4	4.9	77.7	78.7	10.1	174.4	29.44	0.000
	14:00	1.3	0.5	3.8	4.5	78.4	74.9	10.0	181.2	29.41	0.000
	15:00	1.1	0.5	3.3	4.0	78.3	72.4	5.0	162.9	29.38	0.000
	16:00	1.3	0.5	2.0	3.4	77.7	69.1	5.0	138.5	29.37	0.000
	17:00	1.3	0.5	3.4	2.7	77.3	69.9	7.9	131.2	29.36	0.000
	18:00	1.9	0.5	2.0	2.1	75.3	71.8	7.5	129.0	29.36	0.000
	19:00	2.3	0.5	1.9	2.5	73.7	76.1	6.0	140.7	29.37	0.000
	20:00	3.2	0.5	2.8	3.3	72.2	80.1	2.7	150.8	29.36	0.000
21:00	3.2	0.3	2.5	3.6	69.8	85.9	1.9	123.9	29.36	0.000	
22:00	3.8	0.3	2.4	4.2	69.3	87.7	2.6	115.5	29.35	0.000	
23:00	ZS	0.5	2.1	4.0	68.0	91.3	1.8	126.0	29.35	0.000	
00:00	4.9	ZS	2.0	4.2	68.0	93.3	0.7	108.9	29.34	0.000	
Minimum		1.1	0.3	0.9	2.1	68.0	69.1	0.7	108.9	29.34	0.00
Maximum		4.9	0.8	4.4	5.3	78.4	93.6	10.1	181.2	29.47	0.00
Average (Total)		2.4	0.5	2.6	4.2	73.1	82.5	4.9	136.9	29.41	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/22/2022	01:00	5.6	0.5	ZS	4.4	68.2	94.9	0.0	327.0	29.33	0.000
	02:00	4.1	0.5	1.8	4.3	67.6	96.5	0.2	205.9	29.31	0.000
	03:00	4.7	0.5	1.9	4.1	67.4	96.7	0.4	268.9	29.30	0.000
	04:00	2.6	0.3	1.1	4.1	66.5	97.1	0.2	24.3	29.30	0.000
	05:00	9.6	0.5	1.5	4.3	67.0	97.2	1.6	25.1	29.29	0.000
	06:00	8.3	0.5	1.3	4.7	65.6	97.3	0.3	79.9	29.29	0.000
	07:00	9.6	0.5	1.9	5.7	67.1	95.9	1.1	302.3	29.30	0.000
	08:00	6.0	0.5	3.3	6.0	70.2	87.7	0.5	295.0	29.29	0.000
	09:00	3.0	0.5	3.1	4.2	72.4	84.3	1.8	222.3	29.29	0.000
	10:00	2.6	0.5	3.5	4.3	75.0	77.9	2.2	263.5	29.29	0.000
	11:00	2.4	0.5	3.6	4.4	77.8	70.6	0.3	309.1	29.29	0.000
	12:00	2.1	0.8	4.5	4.5	80.3	64.7	2.2	177.2	29.26	0.000
	13:00	1.7	0.8	2.6	4.9	80.6	62.0	1.1	140.4	29.25	0.000
	14:00	2.3	0.5	2.8	5.2	75.8	81.8	4.2	222.3	29.24	0.028
	15:00	1.7	0.5	2.1	4.1	79.9	62.8	1.5	203.4	29.22	0.000
	16:00	3.9	0.5	3.9	4.9	80.3	64.3	3.3	350.7	29.21	0.000
	17:00	6.2	0.5	3.5	5.3	78.5	70.4	1.7	35.0	29.21	0.000
	18:00	7.1	0.8	3.0	5.6	77.3	74.8	1.1	305.9	29.21	0.004
	19:00	3.0	0.5	3.1	5.6	72.7	87.0	4.1	230.6	29.21	0.080
	20:00	4.3	0.3	1.9	5.5	69.8	91.4	3.0	255.3	29.24	0.000
21:00	3.4	0.0	1.5	5.5	68.8	93.5	2.8	196.0	29.26	0.000	
22:00	5.1	0.3	2.3	5.5	68.2	93.3	2.8	203.7	29.26	0.000	
23:00	ZS	0.5	2.0	6.2	67.8	93.0	3.5	231.1	29.26	0.000	
00:00	6.0	ZS	1.4	6.7	68.0	89.7	4.6	255.6	29.26	0.000	
Minimum		1.7	0.0	1.1	4.1	65.6	62.0	0.0	24.3	29.21	0.00
Maximum		9.6	0.8	4.5	6.7	80.6	97.3	4.6	350.7	29.33	0.08
Average (Total)		4.6	0.5	2.5	5.0	72.2	84.4	1.9	213.8	29.27	(0.11)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/23/2022	01:00	4.7	0.5	ZS	6.7	67.7	88.2	4.3	241.4	29.25	0.000
	02:00	4.1	0.5	1.1	7.5	66.7	90.1	4.7	241.4	29.25	0.000
	03:00	3.9	0.5	1.1	7.8	66.8	88.2	5.1	244.5	29.24	0.000
	04:00	4.3	0.8	0.5	8.2	66.4	87.4	3.9	261.6	29.24	0.000
	05:00	5.3	0.3	0.8	8.7	64.9	91.2	3.5	210.6	29.25	0.000
	06:00	4.9	0.5	1.0	9.0	64.5	91.2	2.6	191.2	29.26	0.000
	07:00	5.8	0.5	0.5	8.4	67.4	84.3	3.9	254.4	29.27	0.000
	08:00	3.8	0.5	1.9	7.4	71.9	72.8	4.9	268.2	29.27	0.000
	09:00	3.6	0.8	2.0	7.3	74.3	70.4	5.0	269.5	29.28	0.000
	10:00	2.3	0.5	2.3	6.8	77.3	61.2	6.6	283.9	29.29	0.000
	11:00	2.1	0.8	2.4	6.8	78.9	55.9	5.2	280.5	29.29	0.000
	12:00	2.3	0.8	3.0	6.9	81.0	49.6	6.0	295.1	29.28	0.000
	13:00	2.1	0.8	2.6	7.0	83.0	44.4	5.1	297.0	29.27	0.000
	14:00	1.7	0.8	2.4	6.8	84.1	41.0	6.8	283.0	29.27	0.000
	15:00	2.3	1.0	2.1	7.3	83.8	41.1	4.6	289.4	29.26	0.000
	16:00	2.1	1.0	1.8	6.6	85.9	36.8	5.5	302.8	29.25	0.000
	17:00	1.7	1.0	1.4	6.8	84.5	37.8	7.3	278.9	29.25	0.000
	18:00	2.6	0.8	2.3	6.8	81.2	42.7	4.7	277.6	29.26	0.000
	19:00	4.5	0.8	2.0	7.6	76.8	53.5	2.8	278.9	29.28	0.000
	20:00	6.0	0.5	1.4	7.2	69.5	71.9	2.0	268.5	29.31	0.000
21:00	6.8	0.5	1.9	8.0	67.4	77.7	1.4	236.9	29.33	0.000	
22:00	7.1	0.5	2.0	8.4	66.0	81.6	0.5	285.9	29.34	0.000	
23:00	ZS	0.5	1.3	8.7	63.5	85.0	0.4	145.1	29.34	0.000	
00:00	9.8	ZS	1.6	9.5	63.2	86.5	0.8	247.3	29.35	0.000	
Minimum		1.7	0.3	0.5	6.6	63.2	36.8	0.4	145.1	29.24	0.00
Maximum		9.8	1.0	3.0	9.5	85.9	91.2	7.3	302.8	29.35	0.00
Average (Total)		4.1	0.7	1.7	7.6	73.2	67.9	4.1	259.7	29.28	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/24/2022	01:00	7.0	0.8	ZS	9.5	62.2	87.1	1.3	197.3	29.36	0.000
	02:00	6.2	0.5	1.1	10.1	61.2	91.0	1.1	184.1	29.36	0.000
	03:00	4.7	0.8	0.3	10.2	60.4	94.3	2.1	120.2	29.37	0.000
	04:00	5.6	0.8	-0.8	9.9	60.2	96.1	1.7	142.9	29.37	0.000
	05:00	8.6	0.8	0.5	9.4	60.7	96.0	1.3	159.6	29.38	0.000
	06:00	7.7	1.0	-0.1	9.4	60.6	97.1	1.3	146.8	29.39	0.000
	07:00	6.8	0.8	0.3	9.6	63.2	89.4	1.2	163.3	29.41	0.000
	08:00	5.8	1.3	1.5	9.3	67.8	74.8	0.5	218.0	29.42	0.000
	09:00	7.0	3.1	3.9	11.6	72.8	64.1	0.7	301.9	29.43	0.000
	10:00	8.1	3.9	3.4	10.7	77.7	53.7	1.8	354.7	29.44	0.000
	11:00	7.0	4.7	3.3	11.5	80.5	48.7	1.7	356.8	29.44	0.000
	12:00	4.9	4.2	3.8	11.0	82.5	44.5	2.1	17.8	29.43	0.000
	13:00	4.3	3.7	3.4	10.7	83.0	45.0	1.9	100.4	29.42	0.000
	14:00	3.4	2.6	3.5	10.8	82.9	45.0	1.2	7.6	29.41	0.000
	15:00	3.8	3.1	3.4	10.4	83.8	44.4	2.0	98.4	29.39	0.000
	16:00	4.5	3.7	3.0	10.1	84.9	41.1	2.6	33.8	29.39	0.000
	17:00	3.2	2.1	3.1	9.6	85.0	40.9	2.1	50.8	29.38	0.000
	18:00	2.4	1.6	3.5	8.8	82.8	46.2	1.2	56.0	29.38	0.000
	19:00	3.0	1.3	2.9	8.9	76.4	68.3	0.2	133.3	29.38	0.000
	20:00	2.8	0.8	2.6	9.0	70.6	76.5	0.1	148.5	29.39	0.000
21:00	3.2	0.8	3.0	9.2	68.2	82.2	0.3	198.0	29.41	0.000	
22:00	4.7	1.0	3.5	11.4	66.8	84.0	0.4	243.9	29.43	0.000	
23:00	ZS	1.0	2.1	10.6	65.7	87.7	0.1	278.2	29.45	0.000	
00:00	10.0	ZS	1.3	12.2	64.9	90.6	0.6	130.0	29.45	0.000	
Minimum		2.4	0.5	-0.8	8.8	60.2	40.9	0.1	7.6	29.36	0.00
Maximum		10.0	4.7	3.9	12.2	85.0	97.1	2.6	356.8	29.45	0.00
Average (Total)		5.4	1.9	2.3	10.2	71.9	70.4	1.2	160.1	29.40	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/25/2022	01:00	12.8	1.0	ZS	14.0	64.6	91.6	0.1	205.0	29.45	0.000
	02:00	14.1	0.8	0.9	13.8	63.6	92.4	0.3	225.3	29.45	0.000
	03:00	12.0	1.0	0.4	14.0	62.8	93.6	0.2	228.4	29.45	0.000
	04:00	11.3	0.8	-0.4	15.8	62.4	94.4	0.4	155.4	29.44	0.000
	05:00	11.8	0.8	-0.3	15.5	62.0	95.3	0.1	33.8	29.44	0.000
	06:00	13.7	1.0	-0.3	15.1	61.4	96.9	0.6	153.1	29.45	0.000
	07:00	8.3	0.8	1.0	12.2	65.0	92.0	0.5	171.4	29.46	0.000
	08:00	12.0	0.8	3.4	11.2	69.3	79.9	1.8	116.0	29.46	0.000
	09:00	8.1	1.3	4.1	11.0	73.1	72.4	2.8	89.7	29.47	0.000
	10:00	7.5	2.4	4.6	12.0	76.8	61.3	1.6	91.2	29.47	0.000
	11:00	6.6	3.4	5.4	12.2	80.1	56.9	1.1	104.7	29.46	0.000
	12:00	3.9	1.6	4.4	12.0	82.9	52.5	2.4	61.1	29.45	0.000
	13:00	2.8	1.3	4.0	11.3	84.3	52.0	1.9	114.5	29.43	0.000
	14:00	3.0	1.0	4.8	12.0	85.8	51.4	2.8	123.3	29.42	0.000
	15:00	2.4	1.0	2.8	10.7	85.7	50.5	3.6	128.5	29.40	0.000
	16:00	2.3	1.0	2.1	9.9	85.8	46.4	3.0	165.4	29.38	0.000
	17:00	2.1	1.0	3.5	9.6	84.5	52.6	4.1	153.3	29.37	0.000
	18:00	2.8	1.0	3.9	9.8	82.0	61.9	3.2	160.5	29.37	0.000
	19:00	2.4	1.0	3.9	9.5	80.3	64.9	3.3	156.5	29.37	0.000
	20:00	3.4	0.8	3.1	9.7	77.7	72.0	3.2	131.3	29.38	0.000
21:00	3.4	1.0	3.6	9.6	77.1	74.7	3.7	148.4	29.39	0.000	
22:00	2.6	1.0	4.4	9.4	77.2	76.2	3.7	157.4	29.38	0.000	
23:00	ZS	1.0	4.1	9.4	76.0	80.6	3.6	178.8	29.39	0.000	
00:00	3.8	ZS	2.9	9.6	74.4	83.7	4.6	189.7	29.39	0.000	
Minimum		2.1	0.8	-0.4	9.4	61.4	46.4	0.1	33.8	29.37	0.00
Maximum		14.1	3.4	5.4	15.8	85.8	96.9	4.6	228.4	29.47	0.00
Average (Total)		6.7	1.2	2.9	11.6	74.8	72.8	2.2	143.4	29.42	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/26/2022	01:00	4.7	1.3	ZS	8.6	73.1	83.0	4.3	199.5	29.38	0.000
	02:00	4.7	1.3	4.5	8.1	72.6	84.4	5.2	201.1	29.37	0.000
	03:00	5.1	1.3	3.5	8.1	71.1	87.4	3.7	213.0	29.36	0.000
	04:00	4.3	1.3	2.5	8.4	68.8	91.6	1.4	204.5	29.36	0.000
	05:00	3.9	1.3	1.8	8.9	68.2	95.5	2.8	146.5	29.35	0.000
	06:00	4.7	1.0	1.8	9.7	68.0	96.0	2.6	185.2	29.35	0.000
	07:00	4.7	0.8	2.4	9.8	69.4	92.4	2.6	192.0	29.35	0.000
	08:00	6.6	1.3	3.8	10.3	73.1	84.2	4.4	215.8	29.36	0.000
	09:00	11.3	1.6	3.8	10.7	76.8	74.0	4.5	232.5	29.36	0.000
	10:00	7.3	1.8	5.6	10.2	80.7	62.0	4.5	239.1	29.36	0.000
	11:00	1.7	2.4	4.8	9.7	83.1	52.3	4.5	273.9	29.36	0.000
	12:00	3.0	2.6	4.6	10.3	83.8	49.9	3.0	314.9	29.35	0.000
	13:00	2.6	2.1	3.6	10.7	85.8	43.7	1.2	200.2	29.33	0.000
	14:00	2.3	2.4	2.9	10.6	85.8	44.7	2.2	138.6	29.32	0.000
	15:00	2.4	1.6	3.4	10.8	86.3	45.8	3.4	233.2	29.30	0.000
	16:00	2.6	1.0	4.1	12.6	76.8	70.5	6.0	222.6	29.31	0.024
	17:00	2.3	1.0	2.0	10.1	77.8	69.4	2.5	210.6	29.30	0.000
	18:00	3.4	1.0	3.1	12.0	78.2	73.9	2.4	163.1	29.30	0.000
	19:00	4.1	1.0	2.0	12.0	74.9	82.5	1.5	171.2	29.30	0.000
	20:00	6.4	0.5	2.3	12.1	73.4	83.6	1.7	236.6	29.31	0.000
21:00	8.6	0.8	3.0	19.7	73.3	87.3	0.6	286.3	29.35	0.000	
22:00	6.0	1.0	2.5	15.7	71.6	91.1	1.2	197.7	29.35	0.000	
23:00	ZS	1.3	2.8	14.2	71.2	90.0	1.8	231.7	29.36	0.000	
00:00	6.4	ZS	2.9	14.4	70.3	87.5	3.0	241.2	29.36	0.000	
Minimum		1.7	0.5	1.8	8.1	68.0	43.7	0.6	138.6	29.30	0.00
Maximum		11.3	2.6	5.6	19.7	86.3	96.0	6.0	314.9	29.38	0.02
Average (Total)		4.7	1.4	3.2	11.2	75.6	75.9	3.0	214.6	29.34	(0.02)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/27/2022	01:00	7.0	1.3	ZS	13.7	69.8	88.4	0.3	250.4	29.36	0.000
	02:00	6.0	0.8	2.3	13.7	67.7	93.6	1.2	240.1	29.36	0.000
	03:00	6.8	0.5	1.8	13.2	67.5	91.8	0.3	252.4	29.36	0.000
	04:00	7.1	0.5	1.3	13.0	66.1	94.7	1.2	244.2	29.36	0.000
	05:00	9.0	0.5	1.4	13.2	66.7	93.0	2.2	298.5	29.37	0.000
	06:00	9.2	0.8	1.0	13.1	66.8	91.5	1.2	302.1	29.39	0.000
	07:00	8.3	0.5	1.3	12.2	68.4	87.2	2.1	354.8	29.40	0.000
	08:00	5.1	0.8	2.9	11.2	71.3	80.3	3.2	5.0	29.41	0.000
	09:00	3.0	0.8	3.1	10.2	74.6	74.2	4.9	8.0	29.42	0.000
	10:00	3.4	0.8	3.5	9.8	77.2	68.6	4.7	353.0	29.43	0.000
	11:00	2.4	0.8	3.1	9.2	79.8	61.7	3.9	3.8	29.43	0.000
	12:00	2.4	0.8	2.8	8.9	81.4	56.8	2.6	12.3	29.42	0.000
	13:00	2.3	1.0	2.3	8.8	84.1	50.1	2.4	20.6	29.40	0.000
	14:00	2.1	1.0	2.1	8.5	85.7	47.1	3.2	55.7	29.39	0.000
	15:00	1.9	0.8	1.5	7.9	85.7	44.5	1.9	2.1	29.37	0.000
	16:00	1.9	1.0	1.9	7.8	87.0	42.7	3.0	28.6	29.36	0.000
	17:00	1.9	1.0	1.8	8.0	86.6	45.2	2.6	64.1	29.37	0.000
	18:00	2.1	1.0	2.5	7.7	85.1	47.8	2.5	65.2	29.37	0.000
	19:00	5.5	1.0	2.4	8.0	79.0	63.1	1.9	52.7	29.38	0.000
	20:00	4.5	0.8	2.5	8.4	73.7	78.5	0.4	118.5	29.39	0.000
21:00	6.2	0.8	2.6	8.7	71.8	83.5	0.9	102.0	29.41	0.000	
22:00	5.6	0.5	2.8	9.0	71.0	83.5	0.2	109.8	29.42	0.000	
23:00	ZS	0.5	2.4	10.1	68.9	88.8	0.6	321.9	29.43	0.000	
00:00	15.8	ZS	2.3	14.4	71.3	82.7	2.3	353.3	29.44	0.000	
Minimum		1.9	0.5	1.0	7.7	66.1	42.7	0.2	2.1	29.36	0.00
Maximum		15.8	1.3	3.5	14.4	87.0	94.7	4.9	354.8	29.44	0.00
Average (Total)		5.2	0.8	2.2	10.4	75.3	72.5	2.1	150.8	29.39	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/28/2022	01:00	7.3	0.8	ZS	12.1	70.0	83.8	1.6	354.0	29.43	0.000
	02:00	6.0	0.8	2.8	11.6	69.0	86.2	1.7	356.6	29.43	0.000
	03:00	5.8	0.8	2.8	11.1	67.4	87.9	1.3	332.6	29.44	0.000
	04:00	6.4	0.8	2.5	10.5	65.5	93.0	0.9	325.9	29.44	0.000
	05:00	6.4	0.8	1.8	10.1	65.0	93.4	0.9	345.4	29.45	0.000
	06:00	6.0	1.0	0.8	10.3	66.6	88.4	2.3	7.5	29.47	0.000
	07:00	15.2	0.8	1.6	9.2	67.4	85.3	2.9	347.8	29.49	0.000
	08:00	6.8	0.8	3.4	8.6	69.6	79.2	1.5	53.7	29.49	0.000
	09:00	4.5	1.0	4.3	8.6	74.8	68.7	1.0	90.7	29.50	0.000
	10:00	5.1	1.0	4.9	9.7	79.2	65.4	3.6	100.7	29.50	0.000
	11:00	3.2	1.3	4.9	10.5	82.7	61.1	3.7	113.6	29.50	0.000
	12:00	2.8	1.3	5.0	10.5	84.6	58.2	4.7	135.0	29.49	0.000
	13:00	2.4	1.3	4.6	11.1	86.0	54.6	4.0	162.3	29.49	0.000
	14:00	2.3	1.3	4.0	11.5	87.5	51.0	3.6	133.8	29.47	0.000
	15:00	2.3	1.3	4.1	11.5	88.5	49.2	4.6	126.7	29.44	0.000
	16:00	2.4	1.3	5.1	12.1	89.0	49.4	5.5	127.3	29.43	0.000
	17:00	2.6	1.3	4.1	12.8	87.2	54.1	6.2	120.3	29.42	0.000
	18:00	2.8	1.3	4.9	12.4	85.6	48.1	6.2	126.4	29.41	0.000
	19:00	3.4	1.0	4.3	12.1	81.8	59.5	3.3	121.6	29.41	0.000
	20:00	3.8	1.0	3.9	12.1	76.0	77.3	2.0	117.1	29.42	0.000
21:00	3.9	1.0	3.5	12.3	76.9	74.9	2.9	124.7	29.44	0.000	
22:00	4.3	0.8	3.4	12.5	73.5	83.8	1.6	123.4	29.46	0.000	
23:00	ZS	0.8	3.0	12.2	74.3	81.8	2.6	149.8	29.47	0.000	
00:00	3.8	ZS	3.0	11.8	73.4	84.4	2.9	135.6	29.48	0.000	
Minimum		2.3	0.8	0.8	8.6	65.0	48.1	0.9	7.5	29.41	0.00
Maximum		15.2	1.3	5.1	12.8	89.0	93.4	6.2	356.6	29.50	0.00
Average (Total)		4.8	1.0	3.6	11.1	76.7	71.6	3.0	172.2	29.46	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/29/2022	01:00	3.2	0.5	ZS	10.9	72.6	88.4	2.4	130.5	29.48	0.000
	02:00	2.6	0.8	3.0	9.8	72.3	91.2	3.0	126.8	29.47	0.000
	03:00	3.9	0.8	2.8	9.6	71.2	94.7	3.1	115.8	29.46	0.000
	04:00	5.3	0.8	2.4	10.2	70.1	93.4	2.2	113.2	29.46	0.000
	05:00	5.5	0.8	3.3	10.5	70.5	87.6	3.4	118.7	29.46	0.000
	06:00	PO	PO	PO	PO	70.5	80.8	3.1	122.5	29.47	0.000
	07:00	PO	PO	PO	PO	71.5	84.7	1.2	107.6	29.49	0.000
	08:00	PO	PO	PO	PO	74.7	85.4	3.5	129.1	29.49	0.000
	09:00	PO	PO	PO	PO	78.1	78.8	4.7	122.5	29.49	0.000
	10:00	PO	PO	PO	PO	81.3	71.2	2.6	131.7	29.49	0.000
	11:00	PO	PO	PO	PO	84.0	67.0	5.0	127.3	29.49	0.000
	12:00	PO	PO	PO	PO	86.0	62.4	5.8	169.2	29.48	0.000
	13:00	PO	PO	PO	PO	88.4	55.2	7.4	172.4	29.46	0.000
	14:00	PO	PO	PO	PO	89.3	52.0	7.5	169.0	29.43	0.000
	15:00	PO	PO	PO	PO	89.9	50.1	8.5	149.6	29.40	0.000
	16:00	PO	PO	PO	PO	89.4	50.7	8.8	173.8	29.38	0.000
	17:00	PO	PO	PO	PO	88.6	51.8	8.1	176.3	29.38	0.000
	18:00	PO	PO	PO	PO	86.7	53.8	5.9	168.8	29.37	0.000
	19:00	PO	PO	PO	PO	82.9	60.6	3.8	164.2	29.37	0.000
	20:00	PO	PO	PO	PO	79.8	70.5	3.5	159.1	29.39	0.000
21:00	PO	PO	PO	PO	78.3	73.6	4.0	155.4	29.38	0.000	
22:00	PO	PO	PO	PO	77.4	76.0	3.7	155.5	29.38	0.000	
23:00	PO	PO	PO	PO	76.3	79.1	3.5	156.9	29.37	0.000	
00:00	PO	PO	PO	PO	75.5	81.8	3.3	154.5	29.36	0.000	
Minimum		ID	ID	ID	ID	70.1	50.1	1.2	107.6	29.36	0.00
Maximum		ID	ID	ID	ID	89.9	94.7	8.8	176.3	29.49	0.00
Average (Total)		ID	ID	ID	ID	79.4	72.5	4.5	144.6	29.43	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/30/2022	01:00	PO	PO	PO	PO	74.6	84.3	4.0	143.9	29.35	0.000
	02:00	PO	PO	PO	PO	74.1	85.4	1.7	162.4	29.35	0.000
	03:00	PO	PO	PO	PO	72.9	88.8	2.8	150.1	29.34	0.000
	04:00	PO	PO	PO	PO	73.5	86.7	4.2	173.3	29.34	0.000
	05:00	PO	PO	PO	PO	73.7	84.9	4.5	201.1	29.33	0.000
	06:00	PO	PO	PO	PO	72.8	86.9	3.8	183.7	29.32	0.000
	07:00	PO	PO	PO	PO	73.1	85.9	3.7	162.3	29.31	0.000
	08:00	PO	PO	PO	PO	75.7	80.8	5.1	175.5	29.30	0.000
	09:00	PO	PO	PO	PO	80.2	71.3	6.1	192.7	29.29	0.000
	10:00	PO	PO	PO	PO	84.4	63.2	6.8	194.7	29.28	0.000
	11:00	PO	PO	PO	PO	87.1	56.7	7.9	198.7	29.26	0.000
	12:00	PO	PO	PO	PO	89.3	51.7	6.9	189.3	29.23	0.000
	13:00	PO	PO	PO	PO	88.3	53.9	6.3	161.9	29.19	0.000
	14:00	PO	PO	PO	PO	74.2	86.6	8.1	266.8	29.24	0.417
	15:00	PO	PO	PO	PO	69.8	95.7	3.0	164.5	29.23	0.144
	16:00	PO	PO	PO	PO	71.1	93.9	3.0	194.1	29.22	0.004
	17:00	PO	PO	PO	PO	72.5	88.8	4.2	220.5	29.21	0.000
	18:00	PO	PO	PO	PO	72.4	91.4	2.8	214.9	29.20	0.000
	19:00	PO	PO	PO	PO	72.0	93.9	4.1	243.3	29.21	0.000
	20:00	PO	PO	PO	PO	71.2	93.1	4.0	234.7	29.22	0.000
21:00	PO	PO	PO	PO	70.2	95.5	3.8	247.7	29.23	0.000	
22:00	PO	PO	PO	PO	70.4	92.0	4.6	259.0	29.24	0.000	
23:00	PO	PO	PO	PO	69.6	89.2	5.3	256.7	29.25	0.000	
00:00	PO	PO	PO	PO	68.1	91.1	3.1	268.1	29.26	0.000	
Minimum		ID	ID	ID	ID	68.1	51.7	1.7	143.9	29.19	0.00
Maximum		ID	ID	ID	ID	89.3	95.7	8.1	268.1	29.35	0.42
Average (Total)		ID	ID	ID	ID	75.0	83.0	4.6	202.5	29.27	(0.57)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/31/2022	01:00	PO	PO	PO	PO	66.9	91.8	3.9	260.5	29.26	0.000
	02:00	PO	PO	PO	PO	67.6	85.1	5.7	254.7	29.25	0.000
	03:00	PO	PO	PO	PO	67.7	82.6	6.2	256.9	29.26	0.000
	04:00	PO	PO	PO	PO	66.2	86.0	3.4	236.5	29.26	0.000
	05:00	PO	PO	PO	PO	66.5	82.4	3.8	204.8	29.26	0.000
	06:00	PO	PO	PO	PO	65.5	84.6	5.5	214.5	29.28	0.000
	07:00	PO	PO	PO	PO	66.5	81.7	5.1	225.0	29.29	0.000
	08:00	PO	PO	PO	PO	69.5	74.3	5.6	258.1	29.31	0.000
	09:00	PO	PO	PO	PO	71.7	66.4	6.8	273.5	29.31	0.000
	10:00	PO	PO	PO	PO	73.5	59.3	6.1	294.9	29.32	0.000
	11:00	PO	PO	PO	PO	75.0	53.4	7.0	288.8	29.32	0.000
	12:00	2.3	-0.5	ND	8.2	77.2	48.0	6.3	289.3	29.31	0.000
	13:00	2.8	-1.0	4.3	7.5	79.1	42.8	7.1	296.8	29.30	0.000
	14:00	2.4	-0.5	4.9	7.3	80.3	40.5	6.7	285.7	29.29	0.000
	15:00	2.3	-0.3	5.1	7.0	81.3	38.4	7.0	286.8	29.28	0.000
	16:00	2.3	0.0	5.3	6.7	81.2	37.6	5.5	294.0	29.28	0.000
	17:00	2.8	0.0	5.8	7.1	80.9	37.7	6.5	310.2	29.28	0.000
	18:00	3.0	0.3	5.5	6.7	79.6	39.7	6.0	306.3	29.28	0.000
	19:00	3.6	0.0	3.3	6.1	73.8	53.8	2.1	238.4	29.29	0.000
	20:00	5.1	-0.3	2.9	6.7	67.1	72.2	1.7	247.2	29.31	0.000
21:00	5.1	0.3	2.6	7.3	65.2	73.4	1.8	249.0	29.33	0.000	
22:00	8.3	0.3	3.5	7.4	66.6	67.9	5.2	276.3	29.33	0.000	
23:00	ZS	0.3	3.0	7.1	67.0	66.0	3.1	223.9	29.34	0.000	
00:00	4.3	ZS	2.6	7.4	64.7	73.8	3.2	228.5	29.35	0.000	
Minimum		ID	ID	ID	ID	64.7	37.6	1.7	204.8	29.25	0.00
Maximum		ID	ID	ID	ID	81.3	91.8	7.1	310.2	29.35	0.00
Average (Total)		ID	ID	ID	ID	71.7	64.1	5.0	262.5	29.30	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/01/2022	01:00	3.9	0.5	ZS	6.9	65.0	73.3	4.2	255.6	29.35	0.000
	02:00	3.2	0.5	3.5	6.8	65.8	71.5	5.3	252.6	29.35	0.000
	03:00	3.2	0.8	3.5	6.7	66.5	69.9	5.3	261.0	29.35	0.000
	04:00	3.2	0.5	2.8	7.0	63.9	76.6	3.8	204.2	29.36	0.000
	05:00	3.6	0.5	3.0	6.9	64.0	76.5	4.5	213.6	29.37	0.000
	06:00	3.8	0.8	3.1	6.7	64.9	73.7	5.1	215.9	29.38	0.000
	07:00	4.3	0.5	2.8	6.7	66.3	70.8	5.0	214.2	29.39	0.000
	08:00	6.2	0.8	3.1	6.9	69.2	66.6	6.0	232.2	29.41	0.000
	09:00	4.1	1.0	3.4	6.9	73.1	61.8	5.5	254.1	29.41	0.000
	10:00	3.0	1.0	3.8	6.7	76.3	54.4	4.9	265.7	29.42	0.000
	11:00	2.8	1.0	4.6	6.5	78.9	47.2	3.2	267.4	29.42	0.000
	12:00	2.3	1.0	4.9	5.7	80.8	42.3	4.7	282.8	29.41	0.000
	13:00	2.8	1.3	5.3	5.6	82.9	36.0	4.5	306.2	29.40	0.000
	14:00	2.8	1.3	5.8	5.6	84.0	35.9	4.3	296.2	29.39	0.000
	15:00	2.8	1.3	6.0	5.9	84.9	36.6	4.6	274.6	29.38	0.000
	16:00	2.4	1.3	6.3	5.6	85.7	35.4	4.4	284.4	29.36	0.000
	17:00	2.1	1.3	5.9	5.1	86.1	34.7	4.3	291.3	29.36	0.000
	18:00	4.5	1.3	6.1	5.9	84.4	39.1	3.5	339.9	29.37	0.000
	19:00	7.3	1.3	4.5	8.5	80.6	46.6	3.2	351.7	29.38	0.000
	20:00	8.6	1.0	3.5	7.4	72.4	63.5	0.1	347.8	29.40	0.000
21:00	8.1	1.0	3.1	6.8	68.5	77.6	0.2	298.4	29.42	0.000	
22:00	8.8	1.0	3.5	8.8	66.7	83.2	0.5	239.6	29.44	0.000	
23:00	ZS	1.0	3.4	8.5	65.6	83.6	0.2	117.9	29.44	0.000	
00:00	29.7	ZS	2.8	7.6	64.5	83.8	0.4	100.4	29.46	0.000	
Minimum		2.1	0.5	2.8	5.1	63.9	34.7	0.1	100.4	29.35	0.00
Maximum		29.7	1.3	6.3	8.8	86.1	83.8	6.0	351.7	29.46	0.00
Average (Total)		5.4	1.0	4.1	6.7	73.4	60.0	3.6	257.0	29.39	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/02/2022	01:00	22.4	1.3	ZS	7.7	63.0	86.1	1.1	140.4	29.46	0.000
	02:00	13.0	1.0	2.8	7.8	62.8	90.0	0.8	281.7	29.48	0.000
	03:00	11.1	1.3	2.4	7.8	61.9	92.4	0.8	270.4	29.49	0.000
	04:00	11.5	1.0	2.3	8.1	60.9	95.0	1.0	99.9	29.51	0.000
	05:00	19.2	1.3	1.8	8.2	60.9	96.0	0.9	92.1	29.53	0.000
	06:00	20.7	1.3	2.3	8.3	61.2	93.9	0.6	30.7	29.55	0.000
	07:00	14.9	1.6	3.0	9.3	63.0	87.2	2.4	354.4	29.57	0.000
	08:00	13.2	1.6	2.9	11.5	66.2	76.9	2.1	356.9	29.58	0.000
	09:00	8.3	1.6	3.8	7.2	70.8	60.8	3.0	38.2	29.59	0.000
	10:00	5.5	1.6	4.8	4.7	73.6	51.0	3.9	64.7	29.60	0.000
	11:00	4.5	1.6	4.9	4.5	76.2	47.2	3.1	54.8	29.59	0.000
	12:00	3.9	1.8	5.0	4.4	78.2	46.7	4.4	88.6	29.58	0.000
	13:00	4.1	1.8	5.3	4.9	80.1	45.0	4.2	93.2	29.57	0.000
	14:00	3.9	2.1	5.4	5.2	81.8	44.1	4.0	91.0	29.57	0.000
	15:00	3.4	2.1	5.0	5.9	83.0	45.8	4.0	154.1	29.56	0.000
	16:00	3.2	2.1	5.0	6.4	83.3	45.8	4.1	164.6	29.55	0.000
	17:00	3.4	2.1	4.5	6.6	82.0	50.0	3.4	161.6	29.55	0.000
	18:00	4.3	1.8	3.3	6.3	81.5	53.6	2.3	118.1	29.55	0.000
	19:00	5.5	1.3	3.6	6.9	76.4	62.8	1.5	103.2	29.55	0.000
	20:00	6.8	1.3	3.8	7.6	71.4	75.7	1.4	104.5	29.56	0.000
21:00	8.5	1.3	3.3	7.2	72.3	69.2	3.2	121.2	29.57	0.000	
22:00	5.1	1.6	3.0	6.6	72.7	68.7	4.6	121.6	29.58	0.000	
23:00	ZS	1.6	2.9	5.9	72.7	72.1	6.7	125.4	29.58	0.000	
00:00	5.8	ZS	2.6	5.6	71.4	77.7	4.2	128.2	29.59	0.000	
Minimum		3.2	1.0	1.8	4.4	60.9	44.1	0.6	30.7	29.46	0.00
Maximum		22.4	2.1	5.4	11.5	83.3	96.0	6.7	356.9	29.60	0.00
Average (Total)		8.8	1.6	3.6	6.9	72.0	68.1	2.8	140.0	29.55	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/03/2022	01:00	5.8	1.3	ZS	6.0	69.2	85.1	1.6	125.9	29.59	0.000
	02:00	4.5	1.0	1.0	6.0	69.9	89.0	3.0	123.5	29.59	0.000
	03:00	3.9	1.0	0.4	6.1	69.7	91.1	2.9	117.1	29.60	0.000
	04:00	3.4	1.3	0.5	6.5	70.4	91.2	3.3	119.8	29.60	0.000
	05:00	2.8	1.3	0.1	7.2	69.8	92.9	3.5	123.1	29.60	0.000
	06:00	3.6	1.0	0.3	7.0	69.1	95.1	3.8	118.5	29.61	0.000
	07:00	3.8	1.0	0.3	6.5	69.2	94.5	3.5	116.3	29.62	0.000
	08:00	2.8	1.0	0.1	6.8	72.5	86.1	6.2	132.0	29.62	0.000
	09:00	1.9	1.3	0.1	7.7	74.6	81.4	5.9	138.4	29.62	0.000
	10:00	1.7	1.0	0.3	8.4	75.8	78.3	5.3	148.3	29.63	0.000
	11:00	1.9	1.3	0.9	8.5	77.2	74.6	5.5	134.9	29.62	0.000
	12:00	2.3	1.3	1.5	8.8	80.2	69.2	6.5	127.6	29.60	0.000
	13:00	2.3	1.3	1.9	10.3	81.8	64.8	5.5	153.7	29.59	0.000
	14:00	2.3	1.6	2.0	10.3	82.6	62.8	5.8	170.3	29.57	0.000
	15:00	1.7	1.3	2.1	10.3	84.0	59.5	5.8	162.9	29.55	0.000
	16:00	1.5	1.3	2.5	10.4	83.7	58.5	4.2	168.2	29.53	0.000
	17:00	1.5	1.0	2.9	10.2	84.0	57.5	6.1	181.2	29.52	0.000
	18:00	1.7	1.3	2.5	9.9	82.7	60.7	3.8	165.4	29.51	0.000
	19:00	1.9	1.3	1.5	9.4	78.8	69.3	2.0	148.8	29.50	0.000
	20:00	3.0	1.0	0.6	9.7	73.8	82.5	1.2	133.0	29.51	0.000
21:00	5.5	1.0	0.1	10.6	72.2	86.0	1.3	141.3	29.52	0.000	
22:00	4.5	1.0	-0.5	9.8	73.0	83.4	2.3	142.7	29.53	0.000	
23:00	ZS	0.8	0.4	9.1	73.4	75.7	3.5	148.7	29.53	0.000	
00:00	1.3	ZS	0.5	7.9	72.6	71.6	2.3	157.4	29.53	0.000	
Minimum		1.3	0.8	-0.5	6.0	69.1	57.5	1.2	116.3	29.50	0.00
Maximum		5.8	1.6	2.9	10.6	84.0	95.1	6.5	181.2	29.63	0.00
Average (Total)		2.9	1.2	1.0	8.5	75.4	77.5	3.9	141.6	29.57	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/04/2022	01:00	1.7	1.3	ZS	7.8	68.8	83.9	0.9	111.8	29.52	0.000
	02:00	3.2	1.3	1.1	8.4	67.5	90.0	2.4	113.5	29.52	0.000
	03:00	3.2	1.0	0.9	8.2	66.3	91.6	1.1	131.3	29.51	0.000
	04:00	3.8	1.0	0.9	8.2	66.1	94.7	2.4	135.7	29.51	0.000
	05:00	4.3	1.0	0.9	8.6	65.7	94.5	2.3	141.5	29.50	0.000
	06:00	3.2	1.3	0.8	8.4	65.0	97.2	1.3	122.3	29.51	0.000
	07:00	2.4	1.0	0.5	8.0	66.6	94.4	1.2	110.9	29.52	0.000
	08:00	3.6	1.3	0.9	9.9	72.1	81.3	2.0	171.4	29.52	0.000
	09:00	2.4	1.6	1.9	10.2	76.1	75.0	3.1	203.1	29.52	0.000
	10:00	1.9	1.3	1.8	9.6	79.5	69.1	3.5	168.9	29.51	0.000
	11:00	1.7	1.6	1.9	9.5	81.4	66.1	3.5	156.2	29.50	0.000
	12:00	1.7	1.6	1.8	9.7	83.3	62.2	3.7	154.3	29.49	0.000
	13:00	1.3	1.6	2.4	9.8	85.7	52.9	4.8	160.4	29.47	0.000
	14:00	1.1	1.6	3.0	9.7	86.9	50.7	5.9	164.2	29.45	0.000
	15:00	0.9	1.6	3.3	9.2	86.7	49.9	6.3	171.5	29.42	0.000
	16:00	0.9	1.6	3.5	9.0	86.2	52.5	6.9	172.3	29.41	0.000
	17:00	1.1	1.6	3.1	8.7	84.1	56.6	4.2	177.9	29.41	0.000
	18:00	2.1	1.6	2.4	8.7	81.3	63.5	3.5	213.5	29.41	0.000
	19:00	2.8	1.3	1.6	8.1	77.6	71.4	2.0	246.3	29.41	0.000
	20:00	4.1	1.3	0.3	7.6	75.4	79.0	2.1	102.2	29.42	0.000
21:00	5.5	1.3	0.4	8.0	75.0	80.1	2.3	114.3	29.43	0.000	
22:00	4.3	1.0	0.8	8.7	75.9	77.5	3.6	137.6	29.44	0.000	
23:00	ZS	1.0	1.1	7.9	75.2	75.0	4.3	137.6	29.44	0.000	
00:00	1.9	ZS	1.3	7.5	74.3	74.6	4.0	141.4	29.43	0.000	
Minimum		0.9	1.0	0.3	7.5	65.0	49.9	0.9	102.2	29.41	0.00
Maximum		5.5	1.6	3.5	10.2	86.9	97.2	6.9	246.3	29.52	0.00
Average (Total)		2.6	1.3	1.6	8.7	75.9	74.3	3.2	152.5	29.47	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/05/2022	01:00	2.6	1.3	ZS	7.4	73.2	77.0	3.2	145.7	29.43	0.000
	02:00	2.8	1.3	0.6	7.8	72.7	77.3	2.9	143.7	29.42	0.000
	03:00	3.6	1.3	1.1	8.2	72.1	77.7	4.4	134.6	29.42	0.000
	04:00	2.6	1.6	0.8	8.1	71.6	79.6	3.1	127.4	29.41	0.000
	05:00	3.6	1.3	0.4	8.4	70.8	85.5	1.4	129.5	29.42	0.024
	06:00	5.3	1.0	0.0	8.4	69.7	93.5	0.4	204.5	29.43	0.084
	07:00	4.3	1.0	-0.9	8.1	69.2	96.9	1.4	89.3	29.44	0.040
	08:00	13.3	1.0	-0.9	8.0	69.3	95.5	2.6	87.5	29.45	0.000
	09:00	10.2	1.3	-0.6	8.3	70.1	92.8	2.8	96.4	29.45	0.000
	10:00	4.3	1.3	0.3	8.5	72.4	88.7	3.3	110.5	29.45	0.000
	11:00	2.8	1.3	1.1	8.3	75.1	80.1	1.6	116.3	29.45	0.000
	12:00	2.4	1.3	1.8	8.5	77.3	74.8	2.8	88.0	29.44	0.000
	13:00	2.6	1.3	2.0	8.8	77.9	76.7	3.3	76.1	29.43	0.000
	14:00	2.3	1.0	0.8	8.7	77.2	79.9	3.4	145.4	29.41	0.012
	15:00	2.3	1.0	-0.4	8.1	75.6	89.6	3.6	204.4	29.40	0.040
	16:00	2.4	0.8	-0.8	7.7	73.7	93.9	2.9	247.1	29.40	0.080
	17:00	1.9	1.0	-0.5	6.6	73.2	92.9	2.4	221.4	29.40	0.032
	18:00	2.1	0.8	-1.4	6.4	73.8	92.7	2.3	141.3	29.39	0.000
	19:00	3.2	0.8	-2.1	6.9	73.3	97.1	1.0	124.4	29.38	0.000
	20:00	2.6	0.8	-2.4	7.6	72.9	98.8	1.4	131.3	29.39	0.000
21:00	3.9	0.8	-2.4	7.6	72.8	98.3	2.4	135.4	29.40	0.000	
22:00	4.5	0.8	-2.5	7.6	72.1	97.9	1.5	123.8	29.39	0.000	
23:00	ZS	0.8	-2.8	8.3	71.3	98.6	1.1	95.1	29.38	0.004	
00:00	10.5	ZS	-2.5	7.7	71.7	98.7	1.3	322.8	29.38	0.028	
Minimum		1.9	0.8	-2.8	6.4	69.2	74.8	0.4	76.1	29.38	0.00
Maximum		13.3	1.6	2.0	8.8	77.9	98.8	4.4	322.8	29.45	0.08
Average (Total)		4.2	1.1	-0.5	7.9	72.9	88.9	2.4	143.4	29.42	(0.34)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/06/2022	01:00	10.0	0.8	ZS	7.1	71.4	99.0	4.0	355.7	29.36	0.048
	02:00	3.6	1.0	-1.6	5.2	70.4	99.2	3.4	354.6	29.35	0.060
	03:00	3.4	1.0	-1.0	4.2	69.7	99.5	2.6	311.7	29.34	0.328
	04:00	3.8	1.0	-0.6	4.2	69.2	99.6	1.6	16.7	29.32	0.180
	05:00	7.0	1.0	0.0	3.9	69.2	99.8	2.7	352.7	29.32	0.072
	06:00	5.6	1.0	0.0	3.3	69.0	99.8	3.2	15.4	29.32	0.004
	07:00	11.7	1.0	0.1	4.5	68.9	99.9	4.2	342.9	29.33	0.032
	08:00	9.4	0.8	0.1	4.8	69.1	99.3	4.7	335.4	29.33	0.008
	09:00	7.0	1.0	0.0	4.4	71.5	92.6	4.9	334.0	29.33	0.000
	10:00	3.0	1.0	0.8	3.7	74.3	82.6	5.1	325.5	29.34	0.000
	11:00	2.6	1.8	1.4	4.2	76.3	76.2	5.3	323.5	29.35	0.000
	12:00	2.3	3.4	1.8	5.5	79.1	67.5	7.4	340.9	29.33	0.000
	13:00	2.3	1.6	2.1	5.9	80.8	61.6	8.4	348.6	29.33	0.000
	14:00	3.6	2.6	2.8	5.2	82.9	56.8	6.6	0.1	29.31	0.000
	15:00	7.1	6.0	2.9	4.6	82.5	58.3	6.0	11.7	29.30	0.000
	16:00	4.3	2.1	3.0	3.7	81.7	60.2	4.4	30.3	29.29	0.000
	17:00	3.9	1.3	2.0	3.7	75.9	82.9	4.0	304.4	29.31	0.012
	18:00	4.1	1.0	0.3	3.9	74.8	90.8	3.3	295.3	29.32	0.000
	19:00	7.3	1.0	0.5	3.0	73.6	85.8	4.7	344.2	29.33	0.000
	20:00	8.3	1.0	-0.5	3.6	72.3	90.5	0.5	47.1	29.34	0.000
21:00	4.9	1.0	0.3	3.3	71.9	89.4	5.6	341.9	29.36	0.000	
22:00	2.8	1.3	0.0	2.7	69.9	94.9	3.3	336.5	29.36	0.036	
23:00	ZS	1.0	-1.0	3.7	69.8	98.3	0.9	337.2	29.36	0.000	
00:00	4.7	ZS	-1.1	4.6	69.4	98.4	0.8	247.2	29.35	0.004	
Minimum		2.3	0.8	-1.6	2.7	68.9	56.8	0.5	0.1	29.29	0.00
Maximum		11.7	6.0	3.0	7.1	82.9	99.9	8.4	355.7	29.36	0.33
Average (Total)		5.3	1.5	0.5	4.3	73.5	86.8	4.1	252.2	29.33	(0.78)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/07/2022	01:00	4.7	1.0	ZS	4.6	69.0	99.2	1.3	247.2	29.34	0.000
	02:00	4.3	1.0	0.1	5.0	68.8	99.5	1.6	261.5	29.34	0.000
	03:00	6.0	0.8	0.0	5.4	69.4	99.1	1.8	3.5	29.33	0.000
	04:00	7.5	0.5	0.0	5.3	69.5	98.4	2.4	22.2	29.33	0.000
	05:00	5.8	0.8	-0.6	4.9	69.3	99.3	1.6	48.3	29.33	0.012
	06:00	5.1	0.8	-0.6	3.5	68.7	99.3	2.8	113.9	29.34	0.008
	07:00	4.5	0.5	-0.9	2.8	68.5	97.8	2.8	126.2	29.35	0.004
	08:00	3.8	1.0	-0.5	2.7	69.3	93.2	4.3	123.7	29.35	0.000
	09:00	3.8	1.0	0.0	3.3	69.8	92.8	3.4	115.3	29.35	0.008
	10:00	2.8	0.8	0.5	3.5	70.9	87.8	4.2	126.8	29.35	0.000
	11:00	3.4	0.8	0.4	3.6	71.4	86.7	3.4	97.1	29.35	0.000
	12:00	3.0	1.0	0.4	3.8	71.7	87.7	1.7	139.1	29.34	0.088
	13:00	5.1	1.3	0.0	2.9	69.7	91.8	2.9	8.5	29.33	0.063
	14:00	6.4	1.0	-0.3	2.7	68.1	96.0	5.4	357.3	29.33	0.000
	15:00	9.2	1.3	-0.3	1.3	67.9	96.0	6.2	1.6	29.32	0.000
	16:00	7.5	1.6	-0.3	1.7	68.7	96.0	4.5	27.2	29.31	0.000
	17:00	4.3	1.0	-0.5	2.3	68.7	94.2	3.4	30.0	29.32	0.000
	18:00	7.5	1.6	0.3	3.4	69.0	93.5	2.6	11.7	29.32	0.000
	19:00	4.7	1.0	0.0	4.4	68.4	95.3	0.2	232.0	29.32	0.000
	20:00	7.0	0.8	0.6	3.8	68.1	94.7	2.4	63.4	29.33	0.000
21:00	5.1	0.8	0.3	3.9	67.6	95.0	1.3	115.9	29.34	0.000	
22:00	4.5	0.8	0.0	4.6	67.7	95.5	1.2	13.8	29.35	0.000	
23:00	ZS	0.8	-0.1	5.0	67.3	96.4	2.4	33.8	29.34	0.000	
00:00	4.1	ZS	0.0	5.4	66.9	96.5	2.9	50.5	29.33	0.000	
Minimum		2.8	0.5	-0.9	1.3	66.9	86.7	0.2	1.6	29.31	0.00
Maximum		9.2	1.6	0.6	5.4	71.7	99.5	6.2	357.3	29.35	0.09
Average (Total)		5.2	1.0	-0.1	3.7	68.9	95.1	2.8	98.8	29.34	(0.18)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/08/2022	01:00	5.5	1.0	ZS	5.6	66.4	97.0	1.7	66.6	29.33	0.000
	02:00	6.2	1.0	0.9	6.5	66.4	97.6	0.6	34.2	29.33	0.000
	03:00	5.6	0.8	0.8	7.2	66.4	97.1	1.2	26.1	29.32	0.000
	04:00	6.4	0.5	1.0	6.8	66.1	96.9	2.7	21.7	29.32	0.000
	05:00	7.0	0.8	0.4	6.7	65.7	97.1	2.7	34.4	29.32	0.000
	06:00	8.5	0.8	0.4	7.1	65.3	97.3	3.2	26.0	29.32	0.000
	07:00	10.2	1.0	0.6	7.6	65.7	97.4	3.1	10.1	29.33	0.000
	08:00	9.8	1.3	0.9	8.9	66.2	97.0	4.4	2.2	29.34	0.000
	09:00	7.1	2.9	1.5	9.1	68.0	89.0	4.2	8.3	29.33	0.000
	10:00	6.6	3.1	2.3	7.2	69.8	80.4	2.8	13.7	29.33	0.004
	11:00	5.6	2.6	2.1	5.6	71.7	74.2	4.1	17.7	29.33	0.000
	12:00	7.1	3.7	2.5	5.5	72.9	70.1	4.3	7.3	29.32	0.000
	13:00	6.4	2.9	2.5	4.7	73.7	66.7	4.7	8.0	29.32	0.000
	14:00	8.8	4.2	2.6	4.6	73.1	69.4	4.4	21.7	29.31	0.000
	15:00	7.5	5.8	2.9	3.8	75.2	63.9	3.7	24.8	29.29	0.000
	16:00	5.3	3.7	3.0	3.5	75.8	61.9	4.8	20.3	29.28	0.000
	17:00	4.1	1.6	3.0	3.6	75.4	62.7	3.8	17.9	29.28	0.000
	18:00	4.7	1.6	2.4	3.5	75.2	63.5	3.2	21.9	29.28	0.000
	19:00	10.5	0.8	1.1	3.9	69.3	81.4	1.4	96.3	29.27	0.000
	20:00	10.3	1.0	1.1	4.6	65.6	92.9	0.2	223.1	29.29	0.000
21:00	13.7	1.6	1.1	9.9	64.2	95.7	0.3	268.5	29.31	0.000	
22:00	9.4	1.6	1.3	11.2	62.9	97.4	0.4	212.2	29.32	0.000	
23:00	ZS	1.3	1.1	8.8	61.9	98.5	0.4	190.0	29.33	0.000	
00:00	7.9	ZS	1.4	9.1	61.8	99.0	0.6	100.7	29.34	0.000	
Minimum		4.1	0.5	0.4	3.5	61.8	61.9	0.2	2.2	29.27	0.00
Maximum		13.7	5.8	3.0	11.2	75.8	99.0	4.8	268.5	29.34	0.00
Average (Total)		7.6	2.0	1.6	6.5	68.5	85.2	2.6	61.4	29.31	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/09/2022	01:00	5.8	1.0	ZS	6.9	60.8	99.1	0.4	200.1	29.34	0.000
	02:00	5.5	1.3	1.5	7.0	60.1	94.4	0.2	77.1	29.34	0.000
	03:00	4.7	1.0	1.5	6.5	59.7	92.6	0.7	123.6	29.35	0.000
	04:00	7.7	1.0	1.6	5.4	60.4	92.6	1.3	160.1	29.36	0.000
	05:00	6.8	1.0	2.0	5.0	60.2	93.1	0.2	189.2	29.37	0.000
	06:00	4.9	1.0	2.3	5.7	58.8	93.6	0.5	104.1	29.39	0.000
	07:00	6.4	1.3	1.6	4.6	59.1	93.4	1.1	106.1	29.42	0.000
	08:00	7.3	1.3	0.6	3.9	61.2	93.1	1.1	15.7	29.43	0.000
	09:00	6.0	1.3	0.4	4.3	64.4	86.4	0.3	33.6	29.44	0.000
	10:00	5.5	1.3	3.1	4.7	70.6	72.4	0.5	352.2	29.45	0.000
	11:00	6.0	1.3	3.8	4.8	74.5	66.6	1.5	92.8	29.45	0.000
	12:00	2.6	1.3	4.1	5.1	76.7	59.9	2.8	78.1	29.43	0.000
	13:00	2.6	1.3	4.4	5.5	78.6	54.9	4.2	83.8	29.43	0.000
	14:00	3.0	1.3	4.9	6.0	79.5	49.7	3.6	82.0	29.42	0.000
	15:00	3.9	1.3	4.8	6.2	79.9	48.3	4.8	52.2	29.41	0.000
	16:00	3.0	1.3	4.6	5.8	79.2	48.2	4.4	66.9	29.42	0.000
	17:00	2.4	1.3	4.0	6.1	78.3	51.5	3.2	126.6	29.43	0.000
	18:00	2.4	1.0	3.4	6.5	77.5	52.9	3.1	128.2	29.43	0.000
	19:00	4.5	1.0	2.6	7.3	70.7	71.0	1.2	109.3	29.44	0.000
	20:00	4.1	1.0	2.0	8.2	66.8	79.2	1.6	137.7	29.47	0.000
21:00	4.1	1.0	2.8	8.4	64.3	82.7	0.4	113.3	29.49	0.000	
22:00	4.3	1.3	2.5	8.3	64.3	72.2	2.7	137.8	29.51	0.000	
23:00	ZS	1.3	2.9	7.9	60.8	79.9	0.9	147.5	29.52	0.000	
00:00	6.0	ZS	3.1	8.9	59.1	83.3	0.9	172.8	29.54	0.000	
Minimum		2.4	1.0	0.4	3.9	58.8	48.2	0.2	15.7	29.34	0.00
Maximum		7.7	1.3	4.9	8.9	79.9	99.1	4.8	352.2	29.54	0.00
Average (Total)		4.8	1.2	2.8	6.2	67.7	75.5	1.7	120.4	29.43	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/10/2022	01:00	5.5	1.3	ZS	9.2	57.8	90.2	0.2	24.6	29.55	0.000
	02:00	8.1	1.3	2.8	11.0	56.5	93.7	0.3	113.7	29.55	0.000
	03:00	7.1	1.0	2.5	9.1	56.5	94.8	0.3	111.7	29.56	0.000
	04:00	8.6	1.0	2.5	11.1	56.3	94.9	0.1	323.6	29.56	0.000
	05:00	4.3	1.3	1.8	8.2	57.2	94.9	1.0	124.1	29.57	0.000
	06:00	7.5	1.0	1.6	7.8	57.3	95.2	0.2	61.2	29.58	0.000
	07:00	8.3	1.3	1.4	7.6	59.6	95.0	2.0	100.2	29.59	0.000
	08:00	5.6	1.0	0.4	8.1	64.1	88.9	2.7	105.5	29.60	0.000
	09:00	2.6	1.3	0.8	8.4	68.1	79.5	3.7	109.3	29.60	0.000
	10:00	1.3	1.3	2.4	8.7	70.2	71.6	5.4	123.2	29.62	0.000
	11:00	1.3	1.3	2.3	8.8	70.9	70.3	4.8	119.8	29.62	0.000
	12:00	1.3	1.0	2.5	8.4	72.8	66.8	5.2	135.8	29.61	0.000
	13:00	1.1	1.0	2.6	8.2	73.4	64.3	4.5	156.8	29.60	0.000
	14:00	0.9	1.0	2.5	7.9	74.6	63.0	4.4	161.1	29.59	0.000
	15:00	0.6	1.3	2.3	7.5	75.7	62.7	4.6	180.2	29.58	0.000
	16:00	0.6	1.3	2.1	7.5	75.5	63.6	4.1	187.8	29.56	0.000
	17:00	1.1	1.0	1.3	7.8	74.6	66.6	2.1	214.4	29.55	0.000
	18:00	3.9	0.8	0.1	7.6	72.3	78.1	0.5	50.0	29.55	0.000
	19:00	9.4	0.8	-0.1	8.0	71.2	84.2	0.8	2.3	29.56	0.000
	20:00	8.1	0.8	-0.3	10.3	70.6	83.7	0.8	29.1	29.57	0.000
21:00	5.6	0.8	-0.6	9.8	69.0	89.7	0.3	52.3	29.58	0.000	
22:00	4.1	0.8	-0.3	9.6	68.3	94.0	1.2	159.4	29.58	0.000	
23:00	ZS	1.0	0.3	7.9	67.8	93.7	0.8	158.9	29.57	0.000	
00:00	3.4	ZS	0.3	7.8	67.0	97.2	1.3	172.4	29.57	0.000	
Minimum		0.6	0.8	-0.6	7.5	56.3	62.7	0.1	2.3	29.55	0.00
Maximum		9.4	1.3	2.8	11.1	75.7	97.2	5.4	323.6	29.62	0.00
Average (Total)		4.4	1.1	1.4	8.6	67.0	82.4	2.1	124.1	29.58	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/11/2022	01:00	2.4	1.3	ZS	7.4	66.3	98.5	0.3	138.3	29.57	0.000
	02:00	3.4	0.8	0.9	6.5	66.4	99.4	2.5	38.5	29.54	0.000
	03:00	2.3	0.8	0.5	6.4	66.2	99.5	2.5	61.5	29.52	0.000
	04:00	3.6	0.8	0.1	6.2	66.4	99.5	1.4	49.7	29.50	0.000
	05:00	7.1	1.0	0.3	6.2	66.3	99.2	0.5	0.3	29.49	0.000
	06:00	6.2	1.0	0.0	5.8	66.4	98.5	1.7	30.9	29.49	0.000
	07:00	3.9	1.0	0.1	5.6	66.8	99.1	1.9	46.9	29.49	0.000
	08:00	3.4	1.0	0.3	4.8	67.6	99.6	2.3	88.2	29.47	0.000
	09:00	3.0	0.8	0.3	3.5	68.1	98.8	4.3	114.3	29.47	0.000
	10:00	4.1	0.5	-0.1	2.5	68.6	98.1	3.3	107.2	29.46	0.000
	11:00	2.3	0.5	-1.0	1.6	70.1	96.1	3.1	106.1	29.45	0.000
	12:00	1.7	0.8	-0.8	1.3	72.1	92.2	2.7	131.5	29.43	0.000
	13:00	1.7	0.8	-0.8	1.8	73.2	88.5	0.3	137.0	29.41	0.000
	14:00	1.3	0.8	-0.6	3.0	74.6	84.4	1.0	342.0	29.39	0.000
	15:00	0.9	0.8	-0.1	3.5	76.2	77.4	0.7	21.9	29.36	0.000
	16:00	1.9	0.8	0.3	3.4	76.4	79.8	2.6	54.6	29.34	0.000
	17:00	1.7	0.8	-0.1	3.4	75.8	83.5	3.2	39.1	29.34	0.000
	18:00	4.9	0.8	-0.1	3.6	75.0	86.8	3.5	50.7	29.33	0.000
	19:00	3.9	0.5	-1.1	3.9	73.5	91.3	2.0	32.4	29.33	0.000
	20:00	4.3	0.5	-1.6	4.5	71.8	95.8	1.0	1.7	29.34	0.000
21:00	7.3	0.5	-1.6	4.6	71.2	97.6	1.3	341.1	29.33	0.000	
22:00	7.3	0.8	-0.9	5.7	70.2	98.2	2.8	0.8	29.32	0.000	
23:00	ZS	0.8	-0.6	5.7	69.2	99.4	2.2	14.1	29.32	0.000	
00:00	8.3	ZS	-0.1	4.9	68.5	99.9	1.1	16.2	29.31	0.000	
Minimum		0.9	0.5	-1.6	1.3	66.2	77.4	0.3	0.3	29.31	0.00
Maximum		8.3	1.3	0.9	7.4	76.4	99.9	4.3	342.0	29.57	0.00
Average (Total)		3.8	0.8	-0.3	4.4	70.3	94.2	2.0	81.9	29.42	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/12/2022	01:00	8.8	1.0	ZS	5.6	68.4	99.9	1.8	356.4	29.29	0.000
	02:00	7.0	0.8	0.0	5.6	68.4	99.9	1.1	345.2	29.27	0.000
	03:00	7.3	0.5	-0.4	5.1	68.3	99.9	0.9	332.2	29.26	0.000
	04:00	7.1	0.5	-0.9	4.8	68.4	100.0	0.5	342.5	29.25	0.000
	05:00	7.7	0.5	-1.3	5.0	68.4	100.0	0.3	39.4	29.24	0.000
	06:00	5.3	0.5	-1.6	5.0	68.6	100.0	1.0	155.5	29.24	0.000
	07:00	4.1	0.8	-1.5	4.1	68.8	100.0	1.2	201.5	29.25	0.000
	08:00	3.9	0.8	-0.9	3.4	68.8	100.0	1.6	317.2	29.25	0.000
	09:00	3.9	0.8	-0.1	3.7	69.5	99.9	0.2	71.1	29.25	0.000
	10:00	2.8	0.8	0.9	4.4	73.0	92.5	2.0	168.0	29.26	0.000
	11:00	2.6	0.8	1.4	4.3	75.6	79.4	0.6	225.3	29.25	0.000
	12:00	5.3	3.1	2.0	7.1	77.5	74.9	1.7	99.1	29.23	0.000
	13:00	4.7	1.8	2.0	8.1	78.7	70.0	2.9	52.0	29.20	0.000
	14:00	4.1	0.5	0.5	4.5	70.2	93.0	5.6	312.7	29.21	0.000
	15:00	4.1	0.5	0.5	3.4	69.9	95.0	4.4	103.0	29.19	0.000
	16:00	3.6	0.5	0.0	2.8	70.7	96.5	2.9	103.6	29.18	0.000
	17:00	3.2	0.5	-0.4	2.3	71.4	96.4	2.9	132.8	29.16	0.000
	18:00	5.1	0.5	-0.6	3.2	71.1	97.1	1.5	192.3	29.14	0.000
	19:00	3.2	0.5	-0.9	3.6	70.5	98.4	0.9	255.7	29.16	0.000
	20:00	3.4	0.5	-1.1	4.5	70.2	99.1	0.2	267.8	29.18	0.000
21:00	6.0	0.5	-1.1	7.9	69.0	99.2	0.5	326.3	29.19	0.000	
22:00	7.3	0.8	-1.0	7.5	68.8	99.9	0.6	110.4	29.20	0.000	
23:00	ZS	0.8	-0.8	6.3	68.4	99.8	0.4	91.6	29.20	0.000	
00:00	5.1	ZS	-0.3	5.6	67.9	99.9	1.7	255.5	29.19	0.000	
Minimum		2.6	0.5	-1.6	2.3	67.9	70.0	0.2	39.4	29.14	0.00
Maximum		8.8	3.1	2.0	8.1	78.7	100.0	5.6	356.4	29.29	0.00
Average (Total)		5.0	0.8	-0.2	4.9	70.4	95.4	1.5	202.4	29.22	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/13/2022	01:00	4.9	0.8	ZS	6.2	67.9	99.6	1.5	247.7	29.18	0.000
	02:00	3.4	0.5	0.8	8.0	66.9	97.5	2.4	241.1	29.17	0.000
	03:00	3.2	0.3	0.6	8.1	65.5	95.3	2.0	266.1	29.17	0.000
	04:00	6.0	0.5	0.3	8.8	65.0	96.8	1.6	280.9	29.17	0.000
	05:00	6.4	0.8	0.1	9.1	65.3	93.6	2.2	295.5	29.18	0.000
	06:00	7.7	0.8	0.5	8.6	64.8	90.2	3.2	290.3	29.20	0.000
	07:00	9.4	0.8	1.1	7.7	64.5	86.5	2.6	291.6	29.22	0.000
	08:00	5.6	1.0	1.4	6.6	66.7	76.4	3.1	285.5	29.23	0.000
	09:00	4.5	1.8	2.8	6.4	68.6	68.0	5.4	269.7	29.23	0.000
	10:00	2.3	1.8	4.0	5.3	70.8	57.0	6.7	274.7	29.23	0.000
	11:00	1.3	1.8	4.1	4.9	72.5	48.7	5.0	271.9	29.23	0.000
	12:00	1.3	1.3	4.1	5.1	74.2	44.8	4.9	272.1	29.22	0.000
	13:00	1.3	1.3	4.3	5.4	75.1	44.6	7.3	256.7	29.21	0.000
	14:00	1.1	1.3	4.3	5.1	76.7	40.7	7.5	256.4	29.20	0.000
	15:00	1.5	1.3	4.5	5.3	76.3	41.7	6.5	246.8	29.19	0.000
	16:00	1.3	1.6	4.9	5.2	77.3	37.5	8.3	271.5	29.18	0.000
	17:00	1.7	1.3	4.6	5.1	76.6	37.9	7.7	279.9	29.19	0.000
	18:00	2.6	1.3	4.4	5.2	73.9	42.4	6.8	281.2	29.22	0.000
	19:00	4.3	1.3	3.9	6.0	70.2	48.8	4.8	292.3	29.24	0.000
	20:00	6.2	1.6	3.5	6.2	66.7	56.6	4.0	284.5	29.27	0.000
21:00	4.1	1.6	3.1	6.4	65.7	59.7	4.4	290.9	29.29	0.000	
22:00	3.8	1.8	3.5	6.2	65.2	61.2	4.4	293.8	29.31	0.000	
23:00	ZS	1.8	2.9	6.2	61.7	69.3	2.2	285.4	29.32	0.000	
00:00	3.9	ZS	3.3	5.9	59.9	74.8	4.1	270.7	29.33	0.000	
Minimum		1.1	0.3	0.1	4.9	59.9	37.5	1.5	241.1	29.17	0.00
Maximum		9.4	1.8	4.9	9.1	77.3	99.6	8.3	295.5	29.33	0.00
Average (Total)		3.8	1.2	2.9	6.4	69.1	65.4	4.5	274.9	29.22	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/14/2022	01:00	3.2	1.8	ZS	5.6	58.6	79.1	2.4	238.5	29.34	0.000
	02:00	2.8	1.6	2.9	5.8	57.5	80.4	4.3	238.6	29.35	0.000
	03:00	3.2	1.6	3.0	4.9	57.3	78.8	4.3	259.9	29.35	0.000
	04:00	2.8	1.6	2.8	4.7	55.4	83.4	2.2	197.0	29.36	0.000
	05:00	3.9	1.6	2.6	4.5	54.6	85.9	2.3	211.7	29.38	0.000
	06:00	6.2	1.6	2.8	4.2	55.0	83.7	4.2	240.6	29.40	0.000
	07:00	5.5	1.6	2.4	4.2	57.0	78.8	4.5	251.7	29.41	0.000
	08:00	4.1	2.4	2.3	4.3	61.2	71.9	3.4	265.9	29.43	0.000
	09:00	3.9	2.6	3.1	4.6	65.1	65.7	3.6	267.8	29.44	0.000
	10:00	2.8	2.6	4.1	4.9	68.7	60.4	4.9	293.0	29.45	0.000
	11:00	2.8	2.1	4.3	5.0	71.4	56.2	7.4	296.8	29.45	0.000
	12:00	3.4	2.1	4.6	5.9	73.1	53.4	7.8	312.5	29.45	0.000
	13:00	3.0	1.8	4.6	6.7	73.7	51.8	6.9	314.7	29.45	0.000
	14:00	2.8	1.6	4.6	6.5	74.9	51.0	6.8	329.7	29.44	0.000
	15:00	3.2	1.6	4.6	6.6	76.1	50.3	6.9	321.7	29.43	0.000
	16:00	2.8	1.6	4.8	6.1	76.5	50.9	7.8	344.1	29.42	0.000
	17:00	3.0	1.6	4.4	6.2	76.9	50.7	6.3	331.4	29.42	0.000
	18:00	4.9	1.6	4.1	7.5	75.0	54.7	5.6	343.9	29.43	0.000
	19:00	7.0	1.6	3.3	8.7	70.6	64.4	1.5	320.3	29.44	0.000
	20:00	7.9	1.6	2.6	9.6	63.6	85.1	0.8	234.5	29.46	0.000
21:00	6.6	1.6	2.0	9.3	61.9	90.6	0.4	181.6	29.48	0.000	
22:00	8.3	1.6	2.4	9.6	60.7	93.5	1.1	227.8	29.50	0.000	
23:00	ZS	1.6	2.8	8.6	61.3	90.4	3.1	257.6	29.51	0.000	
00:00	4.7	ZS	2.3	8.3	60.5	91.2	1.5	165.2	29.51	0.000	
Minimum		2.8	1.6	2.0	4.2	54.6	50.3	0.4	165.2	29.34	0.00
Maximum		8.3	2.6	4.8	9.6	76.9	93.5	7.8	344.1	29.51	0.00
Average (Total)		4.3	1.8	3.4	6.4	65.3	70.9	4.2	268.6	29.43	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/15/2022	01:00	4.9	1.6	ZS	7.8	59.6	93.9	2.2	217.8	29.51	0.000
	02:00	4.3	1.6	3.0	7.0	59.9	90.4	3.3	246.7	29.52	0.000
	03:00	3.9	1.6	3.0	6.6	60.8	87.9	3.4	238.6	29.52	0.000
	04:00	3.2	1.6	2.5	6.9	57.9	94.6	0.7	135.0	29.53	0.000
	05:00	8.5	1.6	2.5	7.0	56.8	97.2	0.6	67.1	29.54	0.000
	06:00	17.9	1.6	2.6	8.9	55.9	98.7	0.2	346.0	29.55	0.000
	07:00	15.8	1.6	2.4	9.6	57.7	96.8	0.6	141.7	29.58	0.000
	08:00	19.4	1.8	1.5	9.3	63.8	81.6	2.9	294.1	29.58	0.000
	09:00	8.1	2.4	2.6	9.3	67.1	74.2	2.7	285.4	29.58	0.000
	10:00	4.9	2.6	3.6	10.9	71.0	66.7	4.7	329.2	29.58	0.000
	11:00	3.0	2.4	4.1	11.6	73.6	58.7	7.8	336.4	29.58	0.000
	12:00	2.8	2.1	4.5	11.7	75.0	56.1	8.2	343.2	29.57	0.000
	13:00	2.6	2.1	4.5	11.3	76.9	49.5	7.8	346.5	29.56	0.000
	14:00	3.2	2.1	5.0	10.5	78.0	44.1	8.7	354.6	29.54	0.000
	15:00	3.4	2.6	5.4	9.5	78.7	42.3	7.7	352.4	29.52	0.000
	16:00	3.4	3.4	5.1	9.4	78.3	46.8	6.0	23.4	29.52	0.000
	17:00	3.9	1.8	5.3	8.3	77.3	47.5	5.2	37.8	29.52	0.000
	18:00	5.3	1.6	4.9	7.0	74.6	50.3	3.8	31.8	29.54	0.000
	19:00	7.9	1.6	3.4	6.9	66.9	66.8	1.1	30.7	29.54	0.000
	20:00	13.2	1.6	3.1	7.4	60.6	85.6	0.3	93.4	29.56	0.000
21:00	7.5	1.3	2.9	7.6	58.6	88.9	0.1	103.0	29.58	0.000	
22:00	8.5	1.6	3.4	8.5	57.6	90.8	0.5	229.9	29.59	0.000	
23:00	ZS	1.6	3.4	8.6	56.0	91.6	0.1	221.5	29.60	0.000	
00:00	9.8	ZS	3.3	8.6	55.1	93.3	0.0	229.3	29.60	0.000	
Minimum		2.6	1.3	1.5	6.6	55.1	42.3	0.0	23.4	29.51	0.00
Maximum		19.4	3.4	5.4	11.7	78.7	98.7	8.7	354.6	29.60	0.00
Average (Total)		7.2	1.9	3.6	8.8	65.7	74.7	3.3	209.8	29.55	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/16/2022	01:00	10.2	1.6	ZS	8.9	54.3	96.4	0.0	0.0	29.59	0.000
	02:00	17.5	1.6	3.1	11.6	53.4	97.4	0.1	259.9	29.59	0.000
	03:00	17.5	1.6	3.4	9.8	52.8	98.3	0.2	263.6	29.59	0.000
	04:00	17.9	1.6	2.6	9.2	52.0	99.1	0.0	48.3	29.58	0.000
	05:00	13.7	1.6	2.5	8.5	51.9	99.7	0.1	158.0	29.58	0.000
	06:00	10.2	1.6	2.4	8.2	51.3	99.9	0.4	192.1	29.59	0.000
	07:00	9.2	1.6	2.0	8.5	52.2	99.8	0.1	223.2	29.60	0.000
	08:00	7.7	1.6	1.3	8.5	56.8	91.5	0.8	291.4	29.62	0.000
	09:00	7.9	1.6	1.6	9.1	61.3	75.1	0.4	301.6	29.61	0.000
	10:00	6.0	1.8	3.5	9.1	65.7	66.6	0.4	193.3	29.62	0.000
	11:00	7.0	2.4	4.4	9.5	MM	MM	MM	MM	MM	IV
	12:00	7.1	2.9	5.0	9.8	73.1	55.7	1.2	343.8	29.59	0.000
	13:00	7.1	2.6	5.0	11.1	75.6	52.4	3.4	13.5	29.58	0.000
	14:00	5.1	2.6	5.4	11.3	77.1	49.8	1.3	8.9	29.56	0.000
	15:00	5.1	2.4	5.6	12.1	77.4	49.9	1.0	283.5	29.54	0.000
	16:00	4.5	2.4	5.9	11.6	78.2	48.5	2.1	12.8	29.53	0.000
	17:00	3.9	2.1	4.3	10.8	77.2	53.4	2.1	60.7	29.52	0.000
	18:00	4.5	1.8	3.1	10.9	72.1	71.2	1.9	98.4	29.53	0.000
	19:00	4.9	1.6	2.6	11.3	67.6	79.4	2.5	152.4	29.54	0.000
	20:00	8.5	1.6	2.0	12.8	65.1	84.6	2.2	166.2	29.55	0.000
21:00	5.8	1.6	2.0	14.0	65.2	83.8	1.7	166.1	29.57	0.000	
22:00	5.8	1.6	2.1	13.9	61.7	92.1	0.2	254.0	29.57	0.000	
23:00	ZS	1.6	2.0	13.6	60.2	94.6	0.2	32.0	29.58	0.000	
00:00	5.6	ZS	1.9	13.8	59.2	95.3	0.0	98.6	29.58	0.000	
Minimum		3.9	1.6	1.3	8.2	51.3	48.5	0.0	0.0	29.52	0.00
Maximum		17.9	2.9	5.9	14.0	78.2	99.9	3.4	343.8	29.62	0.00
Average (Total)		8.4	1.9	3.2	10.7	63.6	79.8	1.0	157.5	29.57	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/17/2022	01:00	4.7	1.6	ZS	14.2	58.3	96.2	0.3	153.0	29.59	0.000
	02:00	6.0	1.6	2.4	14.7	57.8	96.9	0.6	267.6	29.58	0.000
	03:00	6.2	1.6	2.1	14.8	57.6	98.2	1.0	232.8	29.59	0.000
	04:00	8.5	1.6	2.4	13.8	56.9	98.8	0.0	222.7	29.59	0.000
	05:00	9.0	1.6	2.0	15.5	56.4	98.6	0.1	22.5	29.60	0.000
	06:00	10.7	1.6	2.0	16.0	56.3	98.0	0.3	153.5	29.60	0.000
	07:00	9.0	1.6	1.8	14.3	56.7	98.6	0.1	207.0	29.61	0.000
	08:00	7.0	1.6	1.3	12.0	59.2	98.1	0.6	96.3	29.63	0.000
	09:00	5.3	1.6	1.5	12.3	61.6	97.8	1.2	148.6	29.63	0.000
	10:00	6.4	1.8	2.6	15.2	64.6	89.8	1.7	194.0	29.63	0.000
	11:00	5.1	1.8	4.1	15.4	70.6	72.2	2.3	172.1	29.62	0.000
	12:00	3.6	1.8	4.3	14.0	75.7	62.5	3.7	158.1	29.60	0.000
	13:00	2.6	1.6	4.4	12.5	77.2	59.8	4.3	142.6	29.59	0.000
	14:00	2.3	1.8	4.3	12.0	77.9	56.4	5.1	144.9	29.57	0.000
	15:00	2.3	1.8	4.1	12.2	77.9	59.0	6.1	142.6	29.56	0.000
	16:00	2.3	1.8	4.0	12.6	78.3	57.9	6.2	153.0	29.55	0.000
	17:00	2.3	1.8	4.0	12.5	77.1	59.5	5.8	144.1	29.54	0.000
	18:00	2.8	1.8	3.6	12.4	74.5	63.5	4.3	145.0	29.54	0.000
	19:00	3.4	1.6	2.0	12.3	69.8	73.7	1.9	143.2	29.53	0.000
	20:00	3.6	1.6	1.6	12.7	66.7	80.9	2.4	137.9	29.54	0.000
21:00	3.6	1.8	1.9	13.2	67.0	77.6	3.3	139.8	29.54	0.000	
22:00	3.9	1.8	2.5	14.5	65.4	80.9	2.6	152.9	29.54	0.000	
23:00	ZS	1.6	1.8	13.5	64.4	82.6	2.6	160.9	29.53	0.000	
00:00	2.3	ZS	1.9	12.4	64.3	82.5	2.8	155.7	29.52	0.000	
Minimum		2.3	1.6	1.3	12.0	56.3	56.4	0.0	22.5	29.52	0.00
Maximum		10.7	1.8	4.4	16.0	78.3	98.8	6.2	267.6	29.63	0.00
Average (Total)		4.9	1.7	2.7	13.5	66.3	80.8	2.5	157.9	29.58	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/18/2022	01:00	2.3	1.6	ZS	12.7	62.8	85.4	3.4	150.2	29.52	0.000
	02:00	2.1	1.6	2.1	13.0	62.0	87.1	2.8	168.5	29.51	0.000
	03:00	3.6	1.6	2.1	13.0	60.9	89.1	3.4	149.1	29.50	0.000
	04:00	3.9	1.6	2.6	13.4	60.8	89.6	3.6	164.0	29.49	0.000
	05:00	3.6	1.6	2.4	13.0	60.2	90.6	2.7	190.6	29.49	0.000
	06:00	2.8	1.6	2.3	12.9	58.7	91.7	2.4	152.4	29.50	0.000
	07:00	2.8	1.6	1.9	12.6	59.4	91.9	3.1	157.5	29.50	0.000
	08:00	3.2	1.6	1.5	12.5	63.1	84.4	3.8	175.2	29.51	0.000
	09:00	3.2	1.8	2.0	12.7	67.6	77.3	4.0	192.5	29.51	0.000
	10:00	2.4	1.8	3.3	12.3	71.7	68.2	3.5	215.2	29.51	0.000
	11:00	2.1	2.1	3.5	12.2	74.9	62.0	3.8	214.1	29.49	0.000
	12:00	1.9	1.8	3.8	12.0	77.8	57.4	2.5	205.5	29.48	0.000
	13:00	2.3	1.8	3.9	11.8	79.8	53.5	2.1	212.8	29.46	0.000
	14:00	2.3	1.8	4.1	11.8	81.3	48.5	2.0	231.7	29.44	0.000
	15:00	1.9	1.8	4.4	11.7	81.5	47.9	3.8	194.2	29.42	0.000
	16:00	1.7	1.8	4.6	11.8	80.7	49.3	3.9	166.7	29.41	0.000
	17:00	1.7	1.8	3.6	11.7	79.9	49.5	4.2	186.1	29.40	0.000
	18:00	2.3	1.8	2.8	11.2	78.0	52.5	2.4	174.3	29.39	0.000
	19:00	2.6	1.6	2.4	11.9	73.4	64.2	2.3	163.0	29.40	0.000
	20:00	2.8	1.3	1.6	12.5	71.6	69.9	2.7	184.7	29.41	0.000
21:00	2.4	1.6	1.0	12.0	70.1	72.5	3.1	204.9	29.41	0.000	
22:00	2.6	1.6	1.5	12.4	68.8	76.8	3.8	221.6	29.41	0.000	
23:00	ZS	1.8	2.4	13.1	69.0	75.8	3.9	227.8	29.41	0.000	
00:00	6.4	ZS	1.4	13.0	67.1	79.8	3.3	206.2	29.40	0.000	
Minimum		1.7	1.3	1.0	11.2	58.7	47.9	2.0	149.1	29.39	0.00
Maximum		6.4	2.1	4.6	13.4	81.5	91.9	4.2	231.7	29.52	0.00
Average (Total)		2.7	1.7	2.7	12.4	70.0	71.4	3.2	187.9	29.46	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/19/2022	01:00	7.5	1.6	ZS	12.9	66.9	81.2	3.6	224.5	29.39	0.000
	02:00	8.6	1.6	3.3	13.3	65.5	84.5	2.6	224.7	29.39	0.000
	03:00	9.0	1.8	2.3	13.6	64.5	86.9	3.0	200.1	29.39	0.000
	04:00	7.9	1.6	1.8	13.9	63.9	86.6	2.9	190.6	29.38	0.000
	05:00	6.0	1.8	1.9	13.5	62.8	88.6	2.6	196.4	29.39	0.000
	06:00	5.6	1.6	2.1	13.4	61.8	89.4	2.1	164.4	29.39	0.000
	07:00	5.8	1.6	1.5	13.5	62.2	89.3	3.1	171.2	29.39	0.000
	08:00	5.3	1.6	1.9	13.1	66.1	79.9	4.3	196.1	29.39	0.000
	09:00	5.3	1.6	2.4	12.6	70.9	71.3	6.2	211.5	29.38	0.000
	10:00	4.5	1.6	2.8	12.5	75.5	64.4	5.9	203.0	29.37	0.000
	11:00	4.1	1.6	3.3	11.9	77.0	59.4	6.3	201.4	29.36	0.000
	12:00	3.0	1.6	3.3	11.7	79.2	56.7	6.7	221.5	29.35	0.000
	13:00	2.8	1.6	3.3	11.3	78.6	56.0	4.1	215.8	29.33	0.000
	14:00	2.8	1.6	3.1	11.3	78.1	59.2	4.7	181.8	29.30	0.000
	15:00	2.8	1.6	3.5	11.0	79.6	56.1	4.4	220.8	29.29	0.000
	16:00	2.4	1.3	4.0	11.3	80.9	53.2	5.9	216.8	29.28	0.000
	17:00	3.0	1.6	4.4	11.8	79.9	54.5	6.8	221.9	29.27	0.000
	18:00	2.8	1.3	2.5	11.2	77.2	62.3	3.4	192.0	29.27	0.000
	19:00	3.0	1.0	1.9	11.2	73.9	69.3	3.7	223.5	29.28	0.000
	20:00	3.0	1.0	1.0	9.2	71.8	71.1	2.2	212.6	29.29	0.000
21:00	3.4	1.3	0.8	8.1	69.0	77.4	2.6	213.3	29.30	0.000	
22:00	2.8	1.3	0.5	7.4	68.4	78.0	3.2	161.2	29.31	0.000	
23:00	ZS	1.3	0.6	7.3	65.8	83.7	1.9	146.2	29.32	0.000	
00:00	3.2	ZS	1.0	7.3	65.7	85.0	3.7	191.3	29.32	0.000	
Minimum		2.4	1.0	0.5	7.3	61.8	53.2	1.9	146.2	29.27	0.00
Maximum		9.0	1.8	4.4	13.9	80.9	89.4	6.8	224.7	29.39	0.00
Average (Total)		4.5	1.5	2.3	11.4	71.0	72.7	4.0	200.1	29.34	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/20/2022	01:00	2.8	1.3	ZS	8.4	65.5	86.7	2.1	207.2	29.31	0.000
	02:00	3.2	1.3	1.3	9.4	65.0	88.6	2.9	241.0	29.31	0.000
	03:00	3.6	1.3	1.1	9.8	66.7	86.8	0.9	239.7	29.31	0.000
	04:00	4.5	1.3	0.6	10.1	66.5	90.4	0.2	284.3	29.32	0.000
	05:00	9.4	1.3	1.1	10.3	64.6	90.8	0.5	7.8	29.33	0.000
	06:00	12.0	1.3	1.9	11.3	62.7	98.4	1.7	301.6	29.34	0.000
	07:00	12.0	1.6	2.3	12.6	64.2	94.0	3.3	292.6	29.36	0.000
	08:00	7.1	1.3	1.1	12.4	69.0	70.1	1.6	280.9	29.36	0.000
	09:00	5.6	1.8	2.4	11.3	73.1	58.4	3.5	300.5	29.36	0.000
	10:00	3.4	2.4	3.3	10.1	75.9	49.2	6.3	301.0	29.37	0.000
	11:00	3.6	2.1	3.9	10.1	78.0	44.8	6.9	318.5	29.37	0.000
	12:00	3.2	1.8	4.3	9.3	79.2	43.4	6.5	320.4	29.37	0.000
	13:00	3.0	2.1	4.5	9.3	80.0	43.4	5.9	295.5	29.35	0.000
	14:00	2.3	2.1	5.1	9.4	81.9	39.9	7.4	299.4	29.34	0.000
	15:00	2.8	2.1	5.5	9.9	83.2	36.7	5.7	326.3	29.32	0.000
	16:00	3.2	2.1	5.6	9.5	82.5	37.4	6.2	342.0	29.33	0.000
	17:00	3.8	2.6	5.4	9.0	80.8	39.9	6.0	344.7	29.34	0.000
	18:00	8.6	2.1	4.8	8.8	77.7	44.6	4.3	346.9	29.35	0.000
	19:00	10.2	1.8	4.5	15.8	72.3	55.3	2.8	321.6	29.35	0.000
	20:00	9.8	1.8	3.4	12.5	67.9	62.2	1.0	307.7	29.37	0.000
21:00	7.3	1.6	2.8	11.6	62.8	77.4	0.7	253.8	29.38	0.000	
22:00	12.0	1.6	3.0	11.2	60.6	83.2	0.7	257.7	29.38	0.000	
23:00	ZS	1.6	2.6	10.8	60.1	86.6	0.8	187.8	29.39	0.000	
00:00	8.3	ZS	3.0	10.7	60.1	86.4	0.6	213.6	29.39	0.000	
Minimum		2.3	1.3	0.6	8.4	60.1	36.7	0.2	7.8	29.31	0.00
Maximum		12.0	2.6	5.6	15.8	83.2	98.4	7.4	346.9	29.39	0.00
Average (Total)		6.2	1.8	3.2	10.6	70.9	66.4	3.3	274.7	29.35	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/21/2022	01:00	6.6	1.6	ZS	10.1	58.5	89.4	0.7	117.5	29.38	0.000
	02:00	6.0	1.3	2.5	10.3	58.0	92.1	0.5	179.7	29.38	0.000
	03:00	6.2	1.6	2.4	10.4	56.3	95.0	0.8	138.4	29.38	0.000
	04:00	6.2	1.6	2.3	10.6	56.1	96.1	1.5	134.2	29.37	0.000
	05:00	8.1	1.6	2.4	10.7	57.8	93.2	3.3	183.6	29.37	0.000
	06:00	8.5	1.6	2.6	10.7	56.0	92.9	0.3	125.2	29.38	0.000
	07:00	5.6	1.3	2.0	10.7	56.9	91.5	1.8	158.2	29.39	0.000
	08:00	7.1	1.6	1.4	10.9	61.7	83.7	3.1	174.7	29.39	0.000
	09:00	8.5	2.1	2.5	11.0	66.2	75.2	1.5	194.8	29.40	0.000
	10:00	6.4	2.4	3.5	10.8	70.7	63.0	0.8	179.6	29.39	0.000
	11:00	6.4	2.6	3.9	10.8	75.0	59.5	3.5	174.1	29.37	0.000
	12:00	3.9	2.6	4.0	10.6	78.1	57.4	5.4	175.0	29.34	0.000
	13:00	2.4	2.6	4.0	9.5	80.2	51.3	6.7	190.8	29.32	0.000
	14:00	2.3	2.9	4.6	9.2	81.9	46.3	6.2	198.1	29.30	0.000
	15:00	2.3	2.4	4.8	8.3	82.3	45.1	5.7	188.6	29.27	0.000
	16:00	2.1	2.1	4.6	7.9	82.9	45.6	5.1	194.9	29.25	0.000
	17:00	2.4	1.8	3.5	8.3	81.0	52.2	3.5	167.4	29.25	0.000
	18:00	2.8	1.6	2.8	8.5	78.7	59.3	3.8	149.6	29.24	0.000
	19:00	2.8	1.3	2.4	8.8	75.4	66.2	4.8	152.4	29.23	0.000
	20:00	2.6	1.3	1.9	9.5	73.3	69.1	3.9	152.5	29.22	0.000
21:00	2.4	1.3	1.9	9.1	72.0	70.5	4.4	180.4	29.21	0.000	
22:00	2.6	1.3	2.0	9.2	71.4	70.9	4.7	199.8	29.20	0.000	
23:00	ZS	1.6	3.8	9.0	72.7	67.0	6.2	208.6	29.20	0.000	
00:00	5.6	ZS	3.5	8.9	72.1	68.6	6.2	184.7	29.18	0.000	
Minimum		2.1	1.3	1.4	7.9	56.0	45.1	0.3	117.5	29.18	0.00
Maximum		8.5	2.9	4.8	11.0	82.9	96.1	6.7	208.6	29.40	0.00
Average (Total)		4.8	1.8	3.0	9.7	69.8	70.9	3.5	170.9	29.31	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/22/2022	01:00	6.0	1.3	ZS	8.7	70.8	73.3	6.2	178.1	29.15	0.000
	02:00	5.8	1.3	2.3	8.6	70.1	76.3	4.7	184.7	29.13	0.000
	03:00	5.5	1.3	1.5	8.7	69.7	79.0	3.2	184.4	29.12	0.000
	04:00	5.1	1.3	1.9	8.7	71.7	75.6	5.8	195.4	29.10	0.000
	05:00	5.3	1.0	1.8	8.3	70.7	78.0	5.1	183.3	29.07	0.000
	06:00	6.6	1.0	2.9	8.7	70.0	78.8	4.4	211.4	29.05	0.000
	07:00	7.9	1.0	3.3	8.9	71.2	75.4	5.3	215.2	29.05	0.000
	08:00	7.9	1.0	2.1	8.8	72.4	74.3	3.6	220.4	29.06	0.012
	09:00	5.8	0.8	-0.1	8.5	71.0	85.2	2.2	188.2	29.07	0.004
	10:00	6.0	0.8	-0.3	7.9	71.8	88.0	4.6	243.3	29.08	0.008
	11:00	4.7	0.8	1.0	7.1	71.4	72.7	7.8	328.5	29.10	0.000
	12:00	4.5	1.0	2.1	6.9	71.2	63.5	5.2	332.7	29.11	0.000
	13:00	3.9	1.3	3.0	7.0	73.2	55.0	9.8	313.7	29.11	0.004
	14:00	1.9	1.3	4.4	6.0	74.2	40.6	12.7	291.4	29.11	0.000
	15:00	3.0	1.6	4.9	5.6	73.4	40.2	10.6	317.4	29.11	0.000
	16:00	3.0	1.6	5.1	5.0	71.4	40.2	12.2	303.5	29.13	0.000
	17:00	3.2	1.6	4.9	4.2	69.3	40.6	12.3	315.2	29.15	0.000
	18:00	4.3	1.8	4.8	3.7	66.3	42.0	11.5	315.1	29.18	0.000
	19:00	4.1	2.1	4.6	3.6	63.4	41.8	11.9	316.5	29.22	0.000
	20:00	2.8	1.8	4.4	3.4	61.2	47.2	8.8	318.0	29.26	0.000
21:00	1.9	1.8	4.3	2.8	60.6	50.4	10.7	325.7	29.29	0.000	
22:00	1.5	1.8	3.9	1.7	58.4	56.7	11.1	330.9	29.31	0.000	
23:00	ZS	1.6	4.0	1.4	57.0	57.0	9.3	325.3	29.32	0.000	
00:00	3.9	ZS	3.9	2.4	55.8	58.9	6.7	321.7	29.34	0.000	
Minimum		1.5	0.8	-0.3	1.4	55.8	40.2	2.2	178.1	29.05	0.00
Maximum		7.9	2.1	5.1	8.9	74.2	88.0	12.7	332.7	29.34	0.01
Average (Total)		4.5	1.3	3.1	6.1	68.2	62.1	7.7	269.2	29.15	(0.03)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/23/2022	01:00	1.1	1.8	ZS	2.4	55.2	54.2	8.5	327.7	29.35	0.000
	02:00	1.5	1.8	4.0	2.4	53.8	55.1	8.2	310.0	29.36	0.000
	03:00	1.3	1.8	3.8	2.4	52.7	55.9	7.4	315.5	29.38	0.000
	04:00	1.5	1.8	4.0	2.6	51.7	56.7	7.6	318.0	29.38	0.000
	05:00	2.6	1.8	3.8	2.6	50.6	60.0	7.4	322.4	29.40	0.000
	06:00	3.6	2.1	3.8	2.5	49.8	64.1	7.9	324.2	29.41	0.000
	07:00	5.5	2.1	3.5	2.5	49.7	64.4	6.5	317.6	29.42	0.000
	08:00	4.7	2.4	3.5	2.8	51.9	60.2	7.1	330.9	29.45	0.000
	09:00	2.3	2.4	3.5	2.8	53.9	56.0	8.8	327.9	29.46	0.000
	10:00	1.9	2.1	4.0	3.1	56.6	49.0	11.4	332.8	29.47	0.000
	11:00	1.7	2.4	4.5	2.9	59.1	43.0	10.3	333.4	29.47	0.000
	12:00	1.9	2.4	4.5	2.7	61.5	38.8	9.8	318.1	29.46	0.000
	13:00	1.9	2.9	5.5	2.4	64.1	32.3	8.5	315.3	29.45	0.000
	14:00	1.7	2.9	6.0	2.4	65.8	29.9	8.8	312.5	29.43	0.091
	15:00	1.9	3.1	6.6	2.4	66.6	28.3	9.6	316.0	29.42	0.047
	16:00	2.1	2.9	7.0	2.6	67.0	28.6	9.4	324.2	29.42	0.000
	17:00	2.4	2.9	6.6	2.6	66.0	30.3	7.5	328.7	29.43	0.000
	18:00	3.6	3.1	5.8	4.1	63.5	35.8	6.1	326.4	29.44	0.000
	19:00	6.4	2.4	4.8	4.8	57.4	50.0	1.7	347.3	29.46	0.000
	20:00	8.6	2.6	4.9	6.4	57.1	52.0	4.2	339.7	29.48	0.000
21:00	7.0	2.4	4.9	6.2	55.7	53.9	3.2	311.3	29.49	0.000	
22:00	6.8	2.4	4.4	6.5	54.1	59.3	2.8	303.0	29.50	0.000	
23:00	ZS	2.4	4.1	7.9	51.8	67.9	1.4	324.1	29.50	0.000	
00:00	6.0	ZS	4.1	5.9	52.1	67.2	1.8	349.5	29.50	0.000	
Minimum		1.1	1.8	3.5	2.4	49.7	28.3	1.4	303.0	29.35	0.00
Maximum		8.6	3.1	7.0	7.9	67.0	67.9	11.4	349.5	29.50	0.09
Average (Total)		3.4	2.4	4.7	3.6	57.0	49.7	6.9	324.0	29.44	(0.14)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/24/2022	01:00	6.8	2.1	ZS	5.8	49.8	78.0	1.5	316.9	29.51	0.000
	02:00	4.9	2.6	3.8	5.3	52.5	65.7	2.5	331.1	29.50	0.000
	03:00	6.4	2.4	3.6	6.5	50.2	73.1	1.4	304.5	29.50	0.000
	04:00	4.9	2.1	3.5	6.7	46.6	84.6	1.0	273.8	29.51	0.000
	05:00	5.5	2.1	3.5	7.0	44.2	88.9	0.5	190.1	29.51	0.000
	06:00	3.6	2.1	3.1	6.8	43.0	94.0	0.6	126.1	29.50	0.000
	07:00	4.3	1.8	2.6	6.1	45.4	92.7	1.4	134.9	29.50	0.000
	08:00	3.8	2.1	2.5	5.0	50.4	81.7	3.6	195.5	29.51	0.000
	09:00	3.8	2.4	2.8	5.5	54.3	70.4	3.4	198.3	29.51	0.000
	10:00	2.4	2.9	3.9	4.6	58.6	54.6	1.3	162.2	29.50	0.000
	11:00	1.9	3.4	4.5	4.0	61.9	44.7	1.6	196.0	29.48	0.000
	12:00	2.1	3.7	5.3	4.2	63.8	45.6	2.7	160.6	29.45	0.000
	13:00	1.9	3.1	5.6	4.4	65.2	45.1	2.4	178.3	29.42	0.000
	14:00	1.9	2.9	5.5	3.7	66.0	46.5	4.9	201.8	29.40	0.000
	15:00	2.3	2.6	5.4	3.9	65.3	50.4	5.6	198.1	29.37	0.000
	16:00	2.1	2.6	5.0	4.3	66.7	49.6	5.3	189.6	29.35	0.000
	17:00	2.4	2.4	4.8	5.2	65.2	54.9	4.6	180.1	29.33	0.000
	18:00	2.3	2.1	3.5	4.4	63.2	61.4	2.6	163.7	29.32	0.000
	19:00	2.4	2.1	3.0	4.5	58.9	74.6	2.2	152.5	29.32	0.000
	20:00	3.0	2.1	2.6	4.9	55.1	85.7	2.3	135.7	29.31	0.000
21:00	5.1	2.1	2.5	5.7	55.0	87.4	1.6	132.3	29.30	0.000	
22:00	5.1	2.1	2.6	7.0	55.5	87.3	0.1	85.7	29.30	0.000	
23:00	ZS	1.8	3.0	13.7	56.5	87.9	0.7	195.7	29.29	0.000	
00:00	4.1	ZS	2.6	8.8	56.6	87.1	2.1	124.6	29.26	0.000	
Minimum		1.9	1.8	2.5	3.7	43.0	44.7	0.1	85.7	29.26	0.00
Maximum		6.8	3.7	5.6	13.7	66.7	94.0	5.6	331.1	29.51	0.00
Average (Total)		3.6	2.4	3.7	5.8	56.2	70.5	2.3	188.7	29.41	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/25/2022	01:00	5.1	1.8	ZS	7.7	53.0	94.7	1.2	264.9	29.24	0.000
	02:00	3.8	1.8	2.9	8.7	51.5	97.7	0.6	139.4	29.23	0.000
	03:00	3.8	1.8	2.4	13.5	52.7	98.0	0.4	185.8	29.22	0.000
	04:00	2.8	1.8	2.1	7.4	53.3	96.0	1.1	162.9	29.21	0.000
	05:00	5.5	1.8	2.3	6.3	54.8	90.9	4.6	180.8	29.19	0.000
	06:00	5.8	1.6	2.3	6.3	54.5	92.4	3.6	164.9	29.18	0.000
	07:00	5.1	1.6	2.0	6.5	54.5	93.8	3.4	154.8	29.16	0.000
	08:00	4.3	1.8	2.1	6.2	55.6	92.7	3.9	164.0	29.14	0.000
	09:00	3.6	1.8	1.9	5.9	58.1	88.2	2.8	187.1	29.14	0.000
	10:00	3.8	2.1	2.3	5.9	60.8	82.6	3.2	178.0	29.13	0.000
	11:00	3.2	2.1	2.6	7.1	63.4	77.5	5.1	191.8	29.10	0.000
	12:00	3.0	2.6	3.5	7.9	71.0	64.9	7.6	212.8	29.06	0.084
	13:00	10.3	1.8	2.5	8.0	64.6	89.5	3.8	11.0	29.08	0.308
	14:00	4.7	1.8	2.1	6.0	65.7	85.6	4.2	149.2	29.05	0.004
	15:00	1.9	1.8	2.3	4.0	69.3	73.1	5.1	163.8	29.02	0.000
	16:00	2.3	1.6	3.0	5.8	72.2	67.8	6.3	153.1	28.99	0.000
	17:00	3.2	1.6	1.6	6.1	72.3	70.4	1.6	135.0	28.99	0.000
	18:00	3.2	1.3	2.3	7.4	72.5	64.1	5.3	240.8	29.00	0.000
	19:00	2.4	1.6	2.1	7.1	69.5	57.3	5.1	251.8	29.01	0.000
	20:00	3.2	1.8	2.5	6.5	67.0	65.2	5.8	318.6	29.05	0.008
21:00	6.8	1.8	2.1	6.8	62.3	88.4	1.8	329.3	29.08	0.048	
22:00	3.8	1.6	1.6	6.9	61.1	92.1	2.1	182.8	29.09	0.000	
23:00	ZS	1.6	1.8	5.9	60.3	90.9	2.2	233.8	29.11	0.004	
00:00	3.2	ZS	2.4	5.3	61.4	78.6	5.0	242.7	29.11	0.000	
Minimum		1.9	1.3	1.6	4.0	51.5	57.3	0.4	11.0	28.99	0.00
Maximum		10.3	2.6	3.5	13.5	72.5	98.0	7.6	329.3	29.24	0.31
Average (Total)		4.1	1.8	2.3	6.9	61.7	83.0	3.6	191.6	29.11	(0.46)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/26/2022	01:00	2.6	1.6	ZS	5.3	59.5	82.2	3.7	227.7	29.11	0.000
	02:00	2.3	1.6	2.6	5.6	58.8	82.5	2.9	219.4	29.10	0.000
	03:00	2.6	1.6	2.5	5.1	58.8	78.6	4.4	233.5	29.10	0.000
	04:00	2.4	1.6	2.6	5.1	57.6	79.5	4.3	216.6	29.10	0.000
	05:00	3.2	1.6	2.9	7.2	57.9	76.7	3.9	237.9	29.10	0.000
	06:00	2.3	1.6	2.6	6.3	56.2	80.5	3.1	227.3	29.10	0.000
	07:00	3.0	1.6	2.5	4.7	55.3	83.7	3.3	180.1	29.11	0.000
	08:00	4.9	1.6	1.9	4.3	59.9	74.4	4.6	206.9	29.11	0.000
	09:00	5.5	1.8	3.0	6.2	63.7	68.0	8.0	210.2	29.12	0.000
	10:00	3.8	1.8	3.3	4.5	67.7	60.3	7.3	208.2	29.12	0.000
	11:00	1.7	1.8	4.4	4.1	69.7	48.0	10.3	259.4	29.12	0.000
	12:00	1.7	1.8	4.9	7.0	71.0	44.2	10.4	266.1	29.11	0.000
	13:00	2.1	1.6	4.6	4.6	68.2	48.3	7.5	291.7	29.12	0.000
	14:00	2.1	1.8	3.9	4.0	65.2	58.3	6.9	279.1	29.12	0.000
	15:00	2.1	1.8	3.5	4.3	68.2	54.4	5.7	256.0	29.11	0.000
	16:00	1.7	1.8	4.1	4.2	68.3	47.8	11.5	277.6	29.12	0.000
	17:00	1.5	2.1	4.3	3.7	68.1	42.4	10.9	281.0	29.14	0.000
	18:00	3.4	2.1	4.3	4.2	66.2	46.4	6.2	281.7	29.15	0.000
	19:00	3.4	1.8	3.5	4.9	61.8	55.9	3.6	248.8	29.17	0.000
	20:00	3.6	2.1	3.4	4.3	60.9	57.3	3.7	243.6	29.20	0.000
21:00	3.0	1.8	3.3	4.1	60.1	58.0	4.3	235.7	29.22	0.000	
22:00	2.6	1.8	3.1	3.8	57.9	63.3	2.6	214.3	29.23	0.000	
23:00	ZS	1.8	3.1	3.8	56.4	66.8	5.0	191.8	29.24	0.000	
00:00	3.2	ZS	3.8	3.6	58.4	57.8	5.3	246.7	29.26	0.000	
Minimum		1.5	1.6	1.9	3.6	55.3	42.4	2.6	180.1	29.10	0.00
Maximum		5.5	2.1	4.9	7.2	71.0	83.7	11.5	291.7	29.26	0.00
Average (Total)		2.8	1.8	3.4	4.8	62.3	63.1	5.8	239.2	29.14	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/27/2022	01:00	2.8	2.1	ZS	3.6	57.4	59.2	4.0	243.9	29.26	0.000
	02:00	2.6	2.1	3.5	3.7	56.0	62.5	4.3	243.1	29.25	0.000
	03:00	2.3	2.1	3.4	3.7	55.4	63.2	3.7	234.5	29.24	0.000
	04:00	2.3	1.8	3.1	3.9	53.4	69.5	2.6	217.8	29.24	0.000
	05:00	3.0	1.8	3.5	4.2	54.1	67.3	5.2	249.2	29.25	0.000
	06:00	4.1	2.1	3.5	4.3	53.3	69.3	5.6	254.6	29.25	0.000
	07:00	2.6	2.4	2.9	4.5	52.3	72.7	3.3	222.0	29.26	0.000
	08:00	3.8	2.6	3.0	4.5	56.2	65.1	4.6	249.5	29.28	0.000
	09:00	3.0	2.9	3.5	4.4	60.5	55.8	7.9	255.7	29.28	0.000
	10:00	1.9	2.6	3.9	4.5	62.4	50.6	10.0	263.7	29.30	0.000
	11:00	1.5	2.9	4.8	4.6	63.5	45.8	10.9	262.8	29.30	0.000
	12:00	1.5	3.4	5.1	4.4	63.1	43.1	9.7	266.5	29.31	0.000
	13:00	1.7	3.4	5.4	4.5	63.7	43.7	6.7	261.2	29.31	0.000
	14:00	1.5	2.9	5.9	4.3	65.1	39.7	9.6	255.4	29.30	0.000
	15:00	1.3	2.4	5.4	4.1	65.8	37.9	9.2	247.7	29.29	0.000
	16:00	1.5	2.4	5.1	4.2	64.2	40.8	8.2	248.5	29.31	0.000
	17:00	2.1	2.1	5.0	4.3	61.4	46.4	7.7	252.2	29.33	0.000
	18:00	2.3	2.1	4.6	4.7	60.3	47.7	8.5	259.7	29.35	0.000
	19:00	2.4	2.4	4.3	4.3	57.5	56.1	8.8	273.9	29.39	0.000
	20:00	2.4	2.4	4.1	3.8	54.9	63.8	7.3	267.0	29.41	0.000
21:00	2.6	2.4	3.9	3.7	53.1	68.4	7.4	270.0	29.43	0.000	
22:00	2.6	2.1	3.6	3.9	49.4	78.6	2.0	202.2	29.45	0.000	
23:00	ZS	2.1	3.4	4.2	50.0	75.5	3.3	241.1	29.45	0.000	
00:00	2.3	ZS	3.4	4.0	50.2	72.6	4.8	247.7	29.46	0.000	
Minimum		1.3	1.8	2.9	3.6	49.4	37.9	2.0	202.2	29.24	0.00
Maximum		4.1	3.4	5.9	4.7	65.8	78.6	10.9	273.9	29.46	0.00
Average (Total)		2.4	2.4	4.1	4.2	57.6	58.1	6.5	249.6	29.32	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/28/2022	01:00	2.1	2.4	ZS	3.8	50.1	71.2	5.5	266.3	29.47	0.000
	02:00	2.6	2.4	3.1	3.7	48.1	76.2	4.0	236.5	29.47	0.000
	03:00	3.0	2.1	3.0	3.7	46.5	80.5	3.1	256.7	29.48	0.000
	04:00	2.8	2.4	2.6	3.7	45.6	83.6	3.9	236.4	29.48	0.000
	05:00	3.4	2.1	2.4	3.7	44.7	86.6	2.9	182.1	29.49	0.000
	06:00	3.2	2.1	2.5	3.9	43.4	90.3	3.0	187.2	29.51	0.000
	07:00	7.1	2.1	2.1	4.4	46.7	81.7	4.0	230.3	29.53	0.000
	08:00	11.7	2.4	1.8	7.6	50.7	72.6	4.5	247.7	29.55	0.000
	09:00	3.9	2.4	2.3	3.9	54.5	65.2	5.3	270.4	29.57	0.000
	10:00	2.4	2.6	2.8	3.3	57.8	59.9	7.5	285.0	29.57	0.000
	11:00	2.1	2.9	3.3	3.2	60.9	56.5	5.5	295.6	29.58	0.000
	12:00	2.3	3.1	3.8	3.5	62.9	53.0	7.9	325.2	29.58	0.000
	13:00	3.2	3.7	4.5	4.0	63.5	52.9	6.9	314.3	29.58	0.000
	14:00	3.4	3.1	4.9	3.8	64.0	52.4	6.3	325.4	29.58	0.000
	15:00	2.6	3.4	5.1	4.0	66.0	48.5	8.2	308.0	29.58	0.000
	16:00	3.4	2.9	5.3	5.1	64.8	50.1	9.1	313.2	29.59	0.000
	17:00	4.7	3.1	4.5	6.3	63.1	55.0	7.1	304.7	29.60	0.000
	18:00	3.4	2.4	3.9	4.8	61.2	61.0	5.9	289.7	29.61	0.000
	19:00	5.6	2.6	3.9	7.6	57.3	69.7	3.3	289.3	29.63	0.000
	20:00	8.1	2.4	3.3	6.7	56.7	70.5	3.2	311.7	29.65	0.000
21:00	7.9	2.4	3.5	9.5	55.9	72.1	3.7	322.9	29.66	0.000	
22:00	7.0	2.4	2.9	5.1	54.6	76.8	3.6	331.6	29.68	0.000	
23:00	ZS	2.4	3.1	9.9	53.9	80.0	3.5	319.3	29.69	0.000	
00:00	7.1	ZS	2.6	6.4	52.5	83.1	2.0	326.3	29.70	0.000	
Minimum		2.1	2.1	1.8	3.2	43.4	48.5	2.0	182.1	29.47	0.00
Maximum		11.7	3.7	5.3	9.9	66.0	90.3	9.1	331.6	29.70	0.00
Average (Total)		4.5	2.6	3.4	5.1	55.2	68.7	5.0	282.3	29.58	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/29/2022	01:00	5.8	2.4	ZS	7.6	47.6	93.6	0.6	325.6	29.71	0.000
	02:00	5.3	2.4	2.5	8.0	49.1	95.7	1.7	328.5	29.71	0.000
	03:00	7.5	2.1	2.3	4.5	49.1	92.1	1.0	359.7	29.72	0.000
	04:00	9.0	2.1	2.5	4.7	45.4	97.4	0.1	197.4	29.72	0.000
	05:00	8.6	2.1	2.4	4.4	45.2	98.9	1.1	316.4	29.72	0.000
	06:00	12.6	2.1	1.9	5.4	47.7	98.7	2.8	330.8	29.74	0.000
	07:00	12.6	2.1	1.6	4.7	46.1	96.0	0.9	350.3	29.75	0.000
	08:00	6.0	2.1	0.5	4.1	52.3	80.5	5.4	349.4	29.76	0.000
	09:00	4.5	2.4	0.8	3.6	56.2	66.6	8.3	0.5	29.77	0.000
	10:00	1.9	2.4	2.6	3.9	58.9	59.2	9.1	357.5	29.77	0.000
	11:00	2.6	2.6	3.3	4.0	60.8	55.4	8.7	0.7	29.77	0.000
	12:00	2.3	2.6	3.6	4.1	62.9	50.3	10.2	359.4	29.75	0.000
	13:00	1.7	2.9	4.1	3.7	65.0	46.7	9.3	3.7	29.74	0.000
	14:00	2.6	2.9	4.9	3.7	65.7	46.0	8.8	9.2	29.71	0.000
	15:00	2.1	2.9	5.5	3.7	66.4	45.1	8.6	1.5	29.70	0.000
	16:00	3.4	3.1	6.1	3.9	65.9	46.3	8.7	2.5	29.69	0.000
	17:00	4.9	3.1	6.3	3.9	64.7	49.0	5.2	14.7	29.70	0.000
	18:00	11.1	2.6	5.4	3.9	62.0	57.5	3.3	27.5	29.69	0.000
	19:00	4.1	2.6	4.4	3.7	58.9	63.6	4.0	43.1	29.70	0.000
	20:00	4.7	2.6	4.1	3.9	57.1	68.5	3.8	20.8	29.69	0.000
21:00	4.7	2.6	3.6	4.0	54.8	73.3	2.3	19.5	29.70	0.000	
22:00	6.8	2.4	3.3	4.6	52.6	79.9	2.3	0.3	29.70	0.000	
23:00	ZS	2.4	3.3	5.2	52.4	79.8	2.1	357.3	29.70	0.000	
00:00	17.7	ZS	3.5	5.7	50.7	84.8	2.9	356.4	29.69	0.000	
Minimum		1.7	2.1	0.5	3.6	45.2	45.1	0.1	0.3	29.69	0.00
Maximum		17.7	3.1	6.3	8.0	66.4	98.9	10.2	359.7	29.77	0.00
Average (Total)		6.2	2.5	3.4	4.5	55.7	71.9	4.6	172.2	29.72	(0.00)

Appendix B-1: North Jefferson Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/30/2022	01:00	15.2	2.6	ZS	5.8	49.4	87.5	3.5	0.5	29.68	0.000
	02:00	10.9	2.4	3.3	5.7	48.4	89.0	4.1	359.6	29.67	0.000
	03:00	6.8	2.4	2.8	5.0	47.6	88.9	4.1	359.5	29.66	0.000
	04:00	10.0	2.4	2.4	4.8	47.5	86.9	3.9	349.6	29.66	0.000
	05:00	8.8	2.4	2.4	4.6	47.0	86.7	3.7	358.5	29.66	0.000
	06:00	12.2	2.4	2.1	4.5	46.8	86.2	2.5	353.9	29.67	0.000
	07:00	12.0	2.4	2.4	4.5	46.5	86.9	4.4	357.7	29.67	0.000
	08:00	8.8	2.4	2.0	4.5	48.0	83.8	4.8	353.5	29.67	0.000
	09:00	6.4	2.4	2.0	4.3	50.5	79.5	5.1	358.8	29.67	0.000
	10:00	7.7	2.6	2.3	4.8	52.9	74.3	6.1	5.3	29.66	0.000
	11:00	10.0	2.9	2.4	5.5	54.5	71.6	5.6	359.7	29.64	0.000
	12:00	10.2	3.1	2.6	5.9	56.2	69.2	5.7	357.6	29.62	0.000
	13:00	10.0	3.1	2.4	6.2	57.3	68.2	5.8	359.5	29.60	0.000
	14:00	12.4	3.1	2.6	6.7	58.0	68.0	6.5	357.7	29.57	0.000
	15:00	12.8	2.9	2.8	7.0	58.4	69.2	5.5	360.0	29.54	0.000
	16:00	10.0	2.9	2.6	5.6	58.3	71.0	5.5	19.3	29.53	0.000
	17:00	8.1	2.9	2.9	5.4	57.5	73.5	6.2	19.5	29.51	0.000
	18:00	9.0	2.6	2.6	6.0	55.2	83.8	6.5	15.4	29.49	0.048
	19:00	10.2	2.6	2.3	6.5	53.9	87.5	7.6	14.2	29.46	0.020
	20:00	7.5	2.4	2.5	6.6	53.9	86.6	5.6	7.4	29.47	0.008
21:00	8.6	2.6	2.0	6.8	53.1	91.2	4.2	357.7	29.48	0.024	
22:00	8.1	2.6	2.0	6.9	52.4	94.7	7.1	355.9	29.45	0.048	
23:00	ZS	2.6	2.1	6.3	52.4	93.0	5.9	3.3	29.43	0.020	
00:00	7.3	ZS	1.8	6.2	51.9	94.6	6.5	356.3	29.43	0.040	
Minimum		6.4	2.4	1.8	4.3	46.5	68.0	2.5	0.5	29.43	0.00
Maximum		15.2	3.1	3.3	7.0	58.4	94.7	7.6	360.0	29.68	0.05
Average (Total)		9.7	2.6	2.4	5.7	52.4	82.2	5.3	241.7	29.58	(0.21)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/01/2022	01:00	10.2	0.0	ZS	11.8	70.3	74.3	2.8	157.8	29.48	0.000
	02:00	9.0	0.0	2.9	11.5	69.0	80.0	2.4	186.1	29.47	0.000
	03:00	15.4	0.0	2.8	12.1	69.7	79.0	2.0	169.2	29.46	0.000
	04:00	16.9	-0.3	2.3	13.0	69.8	81.7	3.5	180.5	29.46	0.000
	05:00	15.8	-0.3	1.9	13.9	68.4	85.2	3.1	154.6	29.46	0.000
	06:00	16.7	-0.3	2.6	13.8	69.5	85.1	3.8	174.1	29.46	0.000
	07:00	11.5	-0.3	3.6	13.7	73.1	78.8	3.3	173.0	29.46	0.000
	08:00	7.5	-0.3	3.1	12.9	77.0	73.4	3.4	195.9	29.46	0.000
	09:00	6.4	-0.3	3.5	13.2	80.7	68.6	4.7	180.6	29.45	0.000
	10:00	4.7	-0.3	3.6	12.8	84.4	62.3	5.3	187.2	29.44	0.000
	11:00	4.5	-0.3	2.9	12.8	85.8	59.9	4.8	182.1	29.44	0.000
	12:00	3.9	-0.3	3.1	12.3	85.8	60.8	4.5	213.5	29.43	0.138
	13:00	2.3	-0.8	4.5	6.6	70.7	94.0	1.4	331.0	29.44	0.501
	14:00	3.6	-0.5	3.4	6.3	76.3	88.8	1.8	170.3	29.40	0.000
	15:00	6.6	-0.5	2.9	7.7	81.7	76.6	3.3	145.9	29.39	0.000
	16:00	5.5	-0.8	2.9	8.3	79.5	77.0	5.9	199.6	29.38	0.004
	17:00	4.1	-0.5	5.1	5.8	81.4	64.3	5.4	184.5	29.37	0.000
	18:00	3.8	-0.8	4.4	6.0	80.6	69.3	6.1	202.4	29.37	0.000
	19:00	3.9	-0.8	5.1	7.0	77.9	71.9	4.6	187.7	29.36	0.000
	20:00	4.7	-0.8	5.5	6.8	75.9	78.7	4.6	193.3	29.35	0.000
21:00	4.3	-0.5	5.9	7.3	75.6	81.5	5.3	213.3	29.34	0.000	
22:00	6.2	-0.8	5.8	8.2	75.2	82.8	5.6	216.1	29.34	0.000	
23:00	ZS	-0.5	5.6	9.9	74.6	83.2	3.7	195.1	29.34	0.000	
00:00	18.2	ZS	4.3	10.7	72.9	89.4	3.0	160.6	29.33	0.000	
Minimum		2.3	-0.8	1.9	5.8	68.4	59.9	1.4	145.9	29.33	0.00
Maximum		18.2	0.0	5.9	13.9	85.8	94.0	6.1	331.0	29.48	0.50
Average (Total)		8.1	-0.4	3.8	10.2	76.1	76.9	3.9	189.8	29.41	(0.64)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/02/2022	01:00	16.0	-0.5	ZS	10.6	71.8	93.4	3.1	168.1	29.32	0.000
	02:00	9.2	-0.8	3.5	8.8	72.7	90.9	4.0	204.6	29.32	0.000
	03:00	12.0	-0.8	3.4	9.2	71.8	92.5	2.6	167.9	29.31	0.000
	04:00	9.4	-0.8	2.9	10.4	71.0	94.7	0.4	65.2	29.33	0.000
	05:00	9.8	-0.8	2.3	11.2	70.2	96.5	1.0	21.8	29.33	0.000
	06:00	12.2	-0.8	2.0	11.1	70.4	97.5	2.9	134.8	29.32	0.000
	07:00	7.3	-0.8	2.5	9.0	72.8	89.6	2.5	223.7	29.33	0.000
	08:00	5.8	-0.8	3.3	8.7	74.9	83.2	3.3	214.3	29.34	0.000
	09:00	3.9	-0.5	3.9	8.2	77.7	73.6	2.7	227.5	29.34	0.000
	10:00	3.6	-0.5	4.5	8.7	80.8	66.8	4.4	232.7	29.34	0.000
	11:00	2.3	-0.5	4.8	8.0	84.0	57.2	4.7	239.0	29.34	0.000
	12:00	2.4	-0.5	4.9	8.5	86.4	54.7	6.2	246.3	29.33	0.000
	13:00	2.6	-0.5	4.3	8.5	87.0	55.6	5.3	231.4	29.33	0.000
	14:00	2.6	-0.5	4.0	8.7	86.4	60.4	6.0	185.7	29.32	0.000
	15:00	2.3	-0.5	3.9	8.4	86.5	60.8	5.6	184.7	29.31	0.000
	16:00	1.9	-0.5	4.0	8.3	86.4	60.9	8.7	193.2	29.29	0.000
	17:00	2.4	-0.5	4.3	8.1	85.8	61.2	4.2	179.9	29.29	0.000
	18:00	3.9	-0.8	2.8	6.3	76.8	73.7	8.1	23.6	29.31	0.000
	19:00	2.3	-0.8	2.5	5.1	74.8	81.1	0.4	150.0	29.32	0.000
	20:00	3.4	-0.8	2.8	5.5	73.3	87.5	1.9	33.8	29.33	0.000
21:00	4.3	-0.8	2.6	5.8	70.9	93.3	0.5	169.4	29.33	0.000	
22:00	6.6	-0.5	2.8	6.4	70.8	94.1	1.6	191.2	29.35	0.000	
23:00	ZS	-0.8	2.1	9.1	72.2	89.7	1.0	80.3	29.34	0.000	
00:00	10.7	ZS	1.4	18.4	71.1	93.5	0.5	130.9	29.35	0.000	
Minimum		1.9	-0.8	1.4	5.1	70.2	54.7	0.4	21.8	29.29	0.00
Maximum		16.0	-0.5	4.9	18.4	87.0	97.5	8.7	246.3	29.35	0.00
Average (Total)		6.0	-0.7	3.3	8.8	76.9	79.3	3.4	162.5	29.33	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/03/2022	01:00	9.4	-0.8	ZS	14.9	71.4	93.6	0.9	325.6	29.36	0.000
	02:00	9.6	-0.8	1.5	12.1	71.4	94.7	2.1	343.1	29.37	0.000
	03:00	8.5	-0.5	1.5	12.3	71.8	91.9	3.0	342.8	29.37	0.000
	04:00	6.8	-0.8	1.9	13.7	71.6	92.8	2.8	348.5	29.38	0.004
	05:00	10.0	-0.5	1.6	12.9	71.3	84.8	2.8	325.4	29.38	0.000
	06:00	7.5	-0.5	1.3	12.2	70.2	82.6	2.2	315.6	29.41	0.000
	07:00	4.1	-0.5	0.6	11.4	70.3	77.7	2.4	331.2	29.43	0.000
	08:00	5.1	-0.5	-0.4	10.8	70.6	71.5	2.7	307.2	29.44	0.000
	09:00	2.8	-0.5	-1.4	9.2	71.8	66.1	3.3	330.5	29.45	0.000
	10:00	3.2	-0.5	-1.1	8.9	74.0	60.2	4.7	318.8	29.47	0.000
	11:00	3.0	-0.3	0.0	8.7	76.4	55.1	4.9	341.0	29.47	0.000
	12:00	1.7	-0.3	-0.9	9.1	79.8	47.6	4.3	348.8	29.47	0.000
	13:00	1.5	0.0	-1.4	9.5	82.1	43.8	3.3	0.9	29.45	0.000
	14:00	1.7	0.0	-0.8	9.8	83.4	41.9	2.5	347.8	29.44	0.000
	15:00	1.5	0.0	-2.0	10.3	85.4	36.4	4.5	358.9	29.44	0.000
	16:00	1.7	0.0	-1.8	10.4	86.3	36.7	2.3	354.4	29.43	0.000
	17:00	1.7	0.0	-0.8	9.8	86.2	36.6	3.3	26.5	29.42	0.000
	18:00	1.9	0.0	-2.9	9.2	85.8	36.1	4.8	6.4	29.42	0.000
	19:00	5.5	0.0	-1.3	9.0	84.0	40.4	3.5	355.5	29.43	0.000
	20:00	2.1	0.0	-1.3	9.3	77.5	56.0	1.8	331.4	29.44	0.000
21:00	10.3	-0.3	-0.3	10.8	70.6	74.5	1.3	309.0	29.46	0.000	
22:00	19.7	0.0	-0.1	14.2	67.6	79.9	0.4	334.1	29.48	0.000	
23:00	ZS	0.0	-0.9	17.3	65.6	83.3	0.4	225.2	29.50	0.000	
00:00	11.8	ZS	-2.1	22.5	63.6	87.2	0.3	175.0	29.51	0.000	
Minimum		1.5	-0.8	-2.9	8.7	63.6	36.1	0.3	0.9	29.36	0.00
Maximum		19.7	0.0	1.9	22.5	86.3	94.7	4.9	358.9	29.51	0.00
Average (Total)		5.7	-0.3	-0.5	11.6	75.4	65.5	2.7	283.5	29.43	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/04/2022	01:00	12.4	0.0	ZS	22.6	61.6	91.7	0.2	2.2	29.52	0.000
	02:00	17.5	-0.3	1.0	18.9	61.8	87.5	0.7	330.4	29.53	0.000
	03:00	15.8	-0.3	0.6	17.2	59.9	88.6	0.2	210.2	29.53	0.000
	04:00	11.3	-0.3	0.8	16.5	58.4	92.4	1.1	199.6	29.53	0.000
	05:00	7.9	-0.3	0.3	16.7	56.4	93.9	0.0	0.0	29.54	0.000
	06:00	8.1	-0.3	0.4	17.3	58.2	87.8	0.3	147.2	29.56	0.000
	07:00	7.5	-0.3	0.9	19.0	65.5	70.7	1.8	109.9	29.57	0.000
	08:00	7.0	0.0	2.0	15.7	69.8	62.0	1.7	99.6	29.59	0.000
	09:00	3.6	0.0	1.9	11.3	73.4	49.4	2.4	3.5	29.59	0.000
	10:00	2.3	0.3	1.8	9.1	75.6	46.9	3.1	0.3	29.59	0.000
	11:00	2.3	0.3	1.0	7.3	78.8	40.6	1.9	58.1	29.58	0.000
	12:00	2.1	0.5	0.8	6.8	81.4	34.6	2.3	49.6	29.58	0.000
	13:00	2.3	0.3	0.5	7.3	82.9	35.3	2.5	67.7	29.56	0.000
	14:00	1.9	0.3	0.1	7.4	83.8	33.3	2.1	68.0	29.53	0.000
	15:00	1.7	0.0	-0.4	7.5	84.1	32.3	1.4	220.4	29.52	0.000
	16:00	1.9	0.3	0.6	8.0	84.8	33.2	1.9	188.4	29.51	0.000
	17:00	1.9	0.3	0.9	8.4	85.4	34.2	2.3	84.4	29.51	0.000
	18:00	2.4	0.3	0.3	8.4	84.2	40.0	4.9	65.7	29.50	0.000
	19:00	3.2	0.3	-1.3	9.2	79.8	50.2	2.1	75.5	29.50	0.000
	20:00	4.9	0.3	1.0	9.3	74.1	63.5	0.9	111.9	29.51	0.000
21:00	10.3	0.0	1.0	9.5	69.4	75.3	0.8	151.0	29.52	0.000	
22:00	11.5	0.3	0.9	12.8	68.0	75.9	3.0	156.3	29.52	0.000	
23:00	ZS	0.3	0.9	31.2	67.9	75.6	2.9	168.4	29.51	0.000	
00:00	13.3	ZS	0.5	29.8	71.1	63.1	2.7	174.5	29.50	0.000	
Minimum		1.7	-0.3	-1.3	6.8	56.4	32.3	0.0	0.0	29.50	0.00
Maximum		17.5	0.5	2.0	31.2	85.4	93.9	4.9	330.4	29.59	0.00
Average (Total)		6.7	0.1	0.7	13.6	72.3	60.7	1.8	114.3	29.54	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/05/2022	01:00	8.1	0.0	ZS	20.2	68.2	71.8	2.0	157.3	29.48	0.000
	02:00	25.9	0.0	1.4	17.3	69.3	69.5	2.5	161.3	29.46	0.000
	03:00	28.2	0.0	1.1	17.1	70.2	68.8	2.3	176.5	29.46	0.000
	04:00	25.2	0.0	1.4	15.1	69.7	71.9	2.7	145.4	29.46	0.000
	05:00	17.3	0.0	1.4	15.7	69.1	75.2	2.7	170.2	29.45	0.000
	06:00	15.2	0.0	1.6	13.6	70.3	73.0	3.2	174.1	29.44	0.000
	07:00	13.3	0.3	1.6	12.6	72.4	70.9	2.2	164.0	29.44	0.000
	08:00	9.8	0.0	1.9	13.2	74.0	69.0	3.4	169.8	29.43	0.000
	09:00	5.6	0.3	2.5	13.8	77.5	64.5	5.4	156.8	29.40	0.000
	10:00	3.9	0.0	2.9	14.9	81.0	60.7	6.4	179.0	29.38	0.000
	11:00	3.8	0.0	2.6	14.1	81.6	60.0	6.3	186.5	29.37	0.000
	12:00	4.1	0.0	2.3	13.3	77.2	75.2	8.9	195.3	29.37	0.132
	13:00	3.6	-0.3	1.4	11.0	75.1	88.2	6.6	185.1	29.32	0.000
	14:00	2.6	-0.5	1.4	10.8	77.9	79.7	9.1	207.9	29.30	0.000
	15:00	3.2	-0.3	2.1	10.6	81.3	72.7	4.5	235.6	29.29	0.000
	16:00	4.1	-0.3	3.1	11.2	83.6	68.1	4.5	229.2	29.28	0.000
	17:00	3.6	-0.3	3.8	10.5	85.3	65.4	5.0	213.1	29.26	0.000
	18:00	3.8	-0.3	4.1	9.7	85.1	65.3	4.6	232.2	29.25	0.000
	19:00	3.9	-0.3	4.1	8.2	83.0	72.2	4.7	189.1	29.25	0.000
	20:00	4.9	-0.3	4.4	7.0	80.6	73.8	4.8	212.5	29.25	0.000
21:00	4.9	-0.3	4.8	6.0	78.7	70.3	4.6	228.1	29.26	0.000	
22:00	7.5	-0.3	4.9	5.2	77.2	70.2	3.2	210.7	29.25	0.000	
23:00	ZS	-0.5	5.5	6.1	75.7	80.1	4.8	215.2	29.26	0.000	
00:00	10.9	ZS	5.4	6.2	75.3	81.6	3.6	235.3	29.27	0.000	
Minimum		2.6	-0.5	1.1	5.2	68.2	60.0	2.0	145.4	29.25	0.00
Maximum		28.2	0.3	5.5	20.2	85.3	88.2	9.1	235.6	29.48	0.13
Average (Total)		9.3	-0.1	2.9	11.8	76.6	71.6	4.5	192.9	29.35	(0.13)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/06/2022	01:00	8.8	-0.5	ZS	5.8	73.0	86.8	3.4	215.1	29.27	0.000
	02:00	8.6	-0.5	2.5	5.9	71.9	89.2	5.0	217.3	29.27	0.000
	03:00	8.5	-0.5	2.4	5.9	71.3	89.3	6.0	212.5	29.27	0.000
	04:00	8.1	-0.5	1.9	5.7	71.3	87.6	6.1	225.2	29.27	0.000
	05:00	7.7	-0.8	1.6	5.8	72.2	83.6	6.5	220.9	29.29	0.000
	06:00	8.1	-0.5	2.0	5.5	72.4	82.1	5.2	231.0	29.29	0.000
	07:00	6.4	-0.5	2.6	6.0	75.2	76.1	5.6	243.0	29.29	0.000
	08:00	5.3	0.0	2.4	7.1	78.6	70.6	5.0	240.1	29.29	0.000
	09:00	5.5	0.0	2.8	7.5	80.4	67.3	4.6	232.6	29.28	0.000
	10:00	4.1	-0.3	2.8	6.3	81.9	63.6	4.9	239.4	29.28	0.000
	11:00	3.2	-0.3	2.9	5.5	84.2	58.9	6.8	253.4	29.28	0.000
	12:00	2.3	-0.3	3.0	4.2	87.3	49.3	6.6	282.5	29.29	0.000
	13:00	2.1	-0.3	3.0	4.5	87.9	50.5	6.4	259.4	29.29	0.000
	14:00	2.4	-0.3	3.3	4.7	88.1	51.6	5.3	238.6	29.28	0.000
	15:00	2.3	-0.3	3.1	4.9	89.5	49.1	6.5	245.5	29.26	0.000
	16:00	1.9	-0.3	3.4	5.1	90.9	44.9	3.3	271.0	29.24	0.000
	17:00	3.4	-0.3	3.3	5.1	88.1	53.3	3.1	6.8	29.24	0.000
	18:00	4.9	0.0	3.8	5.2	84.9	66.6	2.5	31.6	29.24	0.000
	19:00	3.8	-0.3	4.4	4.8	83.7	70.7	1.7	331.1	29.26	0.000
	20:00	5.8	-0.3	4.6	5.0	82.4	75.1	2.3	354.9	29.26	0.000
21:00	7.5	-0.5	4.0	5.6	80.7	77.0	4.6	5.4	29.28	0.000	
22:00	8.6	-0.5	3.4	6.7	76.2	85.0	6.1	359.7	29.29	0.000	
23:00	ZS	-0.5	3.3	6.4	74.3	89.9	4.7	11.6	29.30	0.000	
00:00	5.5	ZS	3.1	6.0	73.5	91.2	6.4	353.0	29.30	0.000	
Minimum		1.9	-0.8	1.6	4.2	71.3	44.9	1.7	5.4	29.24	0.00
Maximum		8.8	0.0	4.6	7.5	90.9	91.2	6.8	359.7	29.30	0.00
Average (Total)		5.4	-0.4	3.0	5.6	80.0	71.2	4.9	220.1	29.28	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/07/2022	01:00	4.7	-0.5	ZS	5.4	73.2	89.3	4.4	16.5	29.30	0.000
	02:00	4.7	-0.8	2.8	4.1	72.8	90.1	5.6	358.2	29.30	0.000
	03:00	5.5	-0.5	2.4	3.6	71.7	92.2	5.1	352.4	29.31	0.000
	04:00	5.1	-0.5	1.8	4.5	70.8	92.0	5.0	0.0	29.31	0.000
	05:00	5.6	-0.8	1.4	4.7	70.4	91.3	5.7	2.4	29.32	0.000
	06:00	5.8	-0.5	1.4	5.1	70.0	89.6	5.0	11.7	29.33	0.000
	07:00	4.5	-0.8	1.1	4.6	70.3	85.6	4.1	10.2	29.35	0.000
	08:00	7.0	-0.5	1.6	4.7	70.2	87.1	4.7	2.9	29.36	0.000
	09:00	7.1	-0.5	2.1	4.6	69.1	94.4	4.8	358.9	29.36	0.068
	10:00	4.3	-0.5	1.8	4.3	70.9	89.5	3.6	9.5	29.36	0.000
	11:00	4.1	-0.5	1.6	5.8	73.4	81.3	2.7	28.9	29.37	0.000
	12:00	2.6	-0.5	1.8	3.9	75.7	73.5	1.8	324.8	29.37	0.000
	13:00	4.3	-0.5	1.9	4.6	76.6	73.0	3.2	316.2	29.37	0.000
	14:00	3.4	-0.5	2.5	5.3	78.2	68.4	2.8	354.4	29.37	0.000
	15:00	2.8	-0.5	2.4	5.5	79.6	65.2	3.6	5.5	29.36	0.000
	16:00	3.4	-0.5	2.5	5.9	80.6	64.0	3.3	40.3	29.34	0.000
	17:00	2.4	-0.5	2.4	5.6	81.5	62.5	2.1	78.1	29.33	0.000
	18:00	2.6	-0.5	2.4	5.2	80.8	64.7	2.0	98.4	29.33	0.000
	19:00	2.6	-0.5	2.5	4.8	79.5	69.2	1.9	118.3	29.33	0.000
	20:00	10.5	-0.5	2.0	4.4	76.3	77.7	1.4	146.7	29.34	0.000
21:00	14.5	-0.5	1.9	4.5	74.2	83.2	2.0	174.6	29.35	0.000	
22:00	15.0	-0.5	1.8	4.6	71.9	89.1	1.3	144.3	29.37	0.000	
23:00	ZS	-0.5	1.8	5.7	70.8	92.1	2.3	127.4	29.37	0.000	
00:00	13.0	ZS	1.0	6.9	69.8	93.5	1.5	123.7	29.37	0.000	
Minimum		2.4	-0.8	1.0	3.6	69.1	62.5	1.3	0.0	29.30	0.00
Maximum		15.0	-0.5	2.8	6.9	81.5	94.4	5.7	358.9	29.37	0.07
Average (Total)		5.9	-0.5	2.0	4.9	74.1	81.6	3.3	133.5	29.34	(0.07)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/08/2022	01:00	13.7	-0.5	ZS	7.9	70.1	93.9	2.4	130.2	29.37	0.000
	02:00	30.1	-0.3	0.3	8.1	69.3	95.1	1.8	111.5	29.37	0.000
	03:00	22.2	-0.5	1.0	7.1	68.7	96.1	1.9	110.8	29.36	0.000
	04:00	7.7	-0.5	2.0	8.6	69.0	97.2	2.1	119.3	29.36	0.000
	05:00	6.2	-0.5	1.5	10.2	69.0	97.7	2.1	135.4	29.36	0.000
	06:00	10.2	-0.5	0.9	10.1	69.7	98.1	2.5	171.9	29.38	0.000
	07:00	9.8	-0.8	3.4	8.7	72.1	92.2	2.5	178.9	29.39	0.000
	08:00	4.1	-0.8	4.4	7.2	75.1	82.9	2.6	188.7	29.39	0.000
	09:00	4.7	-0.8	2.6	7.7	75.8	81.5	2.6	140.5	29.41	0.000
	10:00	3.6	-0.5	3.0	7.7	77.6	77.7	3.0	95.2	29.40	0.000
	11:00	3.0	-0.5	3.5	7.5	79.7	73.5	3.5	91.0	29.40	0.000
	12:00	2.3	-0.5	3.6	7.5	81.9	67.9	2.8	86.0	29.39	0.000
	13:00	2.1	-0.5	4.1	7.9	82.5	68.6	4.5	93.8	29.38	0.000
	14:00	1.9	-0.5	3.9	8.8	83.0	68.0	4.4	71.9	29.37	0.000
	15:00	2.1	-0.5	3.8	9.0	83.3	68.2	4.1	103.8	29.36	0.000
	16:00	1.7	-0.5	3.4	9.0	84.0	65.5	4.3	119.7	29.35	0.000
	17:00	2.3	-0.5	3.8	8.9	83.0	67.6	3.8	102.9	29.34	0.000
	18:00	2.4	-0.5	3.3	9.2	82.3	69.5	3.0	104.6	29.34	0.000
	19:00	3.6	-0.5	3.9	8.7	81.2	73.4	1.1	79.0	29.35	0.000
	20:00	9.4	-0.5	4.0	9.5	78.8	82.6	1.0	309.0	29.36	0.000
21:00	8.6	-0.5	4.6	11.0	77.6	86.4	1.1	165.5	29.36	0.000	
22:00	7.9	-0.5	5.1	8.7	76.7	90.4	2.1	131.2	29.36	0.000	
23:00	ZS	-0.5	5.4	8.2	75.9	92.4	2.2	68.6	29.35	0.000	
00:00	9.6	ZS	5.1	8.3	75.2	93.0	1.8	126.5	29.35	0.004	
Minimum		1.7	-0.8	0.3	7.1	68.7	65.5	1.0	68.6	29.34	0.00
Maximum		30.1	-0.3	5.4	11.0	84.0	98.1	4.5	309.0	29.41	0.00
Average (Total)		7.4	-0.5	3.3	8.6	76.7	82.5	2.6	126.5	29.37	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/09/2022	01:00	3.8	-0.5	ZS	7.5	74.5	91.9	2.7	195.4	29.35	0.004
	02:00	2.3	-0.5	3.0	7.3	72.6	90.5	2.8	299.6	29.37	0.200
	03:00	2.8	-0.5	2.3	5.7	70.1	95.1	1.4	8.4	29.36	0.132
	04:00	3.0	-0.5	1.5	5.0	69.4	96.1	3.8	81.7	29.34	0.000
	05:00	1.9	-0.5	1.0	6.9	69.6	95.0	3.3	1.6	29.35	0.004
	06:00	1.7	-0.5	0.8	6.6	69.3	96.2	3.2	349.7	29.36	0.000
	07:00	2.4	-0.5	0.8	6.3	69.7	94.4	3.8	346.9	29.38	0.000
	08:00	3.6	-0.5	1.0	5.8	70.2	93.7	4.2	352.4	29.39	0.012
	09:00	3.9	-0.5	1.6	5.8	70.6	93.9	3.7	20.8	29.39	0.024
	10:00	4.9	-0.8	1.8	6.1	70.4	95.3	3.6	34.4	29.41	0.008
	11:00	3.6	-0.5	1.5	5.4	70.4	95.1	4.5	60.7	29.42	0.028
	12:00	1.7	-0.5	1.3	4.2	69.9	94.5	5.5	77.5	29.43	0.008
	13:00	1.3	-0.8	0.9	5.2	69.2	94.7	4.3	79.2	29.43	0.024
	14:00	0.9	-0.8	0.8	5.3	70.1	93.0	4.4	64.3	29.42	0.004
	15:00	1.5	-0.5	0.5	6.3	70.3	88.2	5.3	57.0	29.42	0.000
	16:00	3.6	-0.5	0.6	6.7	70.2	88.3	3.5	67.3	29.42	0.000
	17:00	1.7	-0.5	0.6	6.7	70.6	86.3	2.4	66.2	29.42	0.000
	18:00	5.1	-0.5	0.5	7.2	70.9	83.9	1.1	31.9	29.41	0.000
	19:00	2.4	-0.5	0.5	7.8	70.7	86.2	1.8	352.6	29.42	0.000
	20:00	1.7	-0.3	-0.5	8.4	69.9	88.1	2.3	15.4	29.41	0.000
21:00	2.6	-0.5	-0.9	8.4	69.0	91.1	2.4	37.6	29.42	0.000	
22:00	3.4	-0.5	-0.6	7.9	68.3	93.8	0.2	42.1	29.43	0.000	
23:00	ZS	-0.5	-0.6	9.0	67.2	96.6	0.4	195.4	29.44	0.000	
00:00	10.3	ZS	-1.0	10.1	65.9	98.1	0.5	136.9	29.43	0.000	
Minimum		0.9	-0.8	-1.0	4.2	65.9	83.9	0.2	1.6	29.34	0.00
Maximum		10.3	-0.3	3.0	10.1	74.5	98.1	5.5	352.6	29.44	0.20
Average (Total)		3.0	-0.5	0.8	6.7	69.9	92.5	3.0	124.0	29.40	(0.45)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/10/2022	01:00	8.3	-0.5	ZS	10.9	65.2	98.7	0.3	289.9	29.43	0.000
	02:00	7.7	-0.5	-3.4	11.0	65.1	99.4	1.0	348.7	29.43	0.000
	03:00	6.4	-0.5	-3.1	10.6	65.0	99.5	1.2	333.2	29.42	0.000
	04:00	4.7	-0.5	-1.3	8.4	65.2	99.8	3.3	351.4	29.42	0.000
	05:00	5.3	-0.5	-1.0	8.1	64.9	100.0	3.3	3.9	29.43	0.000
	06:00	4.5	-0.3	-1.1	11.9	64.0	100.0	3.5	355.5	29.44	0.000
	07:00	3.2	-0.5	-1.0	11.7	63.4	99.9	4.4	2.5	29.45	0.000
	08:00	3.8	-0.3	-0.9	11.6	64.6	89.0	3.6	358.2	29.46	0.000
	09:00	2.3	0.0	-1.3	9.3	69.6	69.3	3.4	3.5	29.46	0.000
	10:00	1.9	0.0	-1.0	7.7	72.9	59.3	2.3	341.2	29.46	0.000
	11:00	1.5	0.0	-0.9	8.3	74.4	59.8	1.1	50.9	29.46	0.000
	12:00	1.3	0.0	0.0	8.8	76.2	60.0	0.7	352.7	29.45	0.000
	13:00	2.8	0.0	0.3	9.9	77.7	59.3	1.9	44.1	29.44	0.000
	14:00	1.7	0.0	0.6	10.5	77.6	61.0	2.2	119.5	29.43	0.000
	15:00	1.1	0.0	-0.6	10.0	79.5	54.0	2.6	188.8	29.41	0.000
	16:00	0.9	-0.3	-2.8	10.1	81.3	44.6	1.7	91.8	29.40	0.000
	17:00	0.8	0.3	-3.5	9.9	81.4	43.1	2.4	144.3	29.38	0.000
	18:00	0.9	0.0	-2.8	10.1	80.1	46.9	4.2	142.5	29.37	0.000
	19:00	2.1	0.0	-2.1	10.3	77.8	53.4	4.1	145.1	29.36	0.000
	20:00	2.3	0.0	-1.9	10.9	73.9	61.3	2.4	151.5	29.38	0.000
21:00	10.9	0.0	-0.9	11.8	69.9	74.6	3.2	153.8	29.39	0.000	
22:00	13.0	0.0	-0.8	12.0	68.9	79.9	2.9	165.3	29.39	0.000	
23:00	ZS	-0.3	-1.1	10.5	67.6	80.9	3.8	152.1	29.38	0.000	
00:00	5.6	ZS	-1.8	9.9	66.5	83.0	3.6	157.8	29.37	0.000	
Minimum		0.8	-0.5	-3.5	7.7	63.4	43.1	0.3	2.5	29.36	0.00
Maximum		13.0	0.3	0.6	12.0	81.4	100.0	4.4	358.2	29.46	0.00
Average (Total)		4.0	-0.2	-1.4	10.2	71.4	74.0	2.6	185.3	29.42	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/11/2022	01:00	3.2	0.0	ZS	10.1	66.4	83.7	5.0	195.3	29.37	0.000
	02:00	4.3	0.0	-0.3	10.4	66.2	83.6	4.1	214.4	29.37	0.000
	03:00	19.4	0.0	-0.3	11.1	63.8	89.7	3.2	154.7	29.36	0.000
	04:00	6.6	0.0	0.0	10.6	62.2	94.5	3.1	161.1	29.36	0.000
	05:00	8.6	0.0	0.1	11.0	61.6	95.2	3.3	174.6	29.36	0.000
	06:00	9.4	0.0	0.4	11.0	61.8	94.4	2.9	167.4	29.37	0.000
	07:00	7.7	0.0	-0.1	11.0	64.7	88.1	3.8	176.9	29.39	0.000
	08:00	4.1	0.0	0.1	10.1	68.2	80.9	4.9	181.7	29.38	0.000
	09:00	2.6	0.0	0.1	10.0	71.4	72.6	4.4	190.6	29.38	0.000
	10:00	1.7	0.0	0.0	10.0	74.9	64.0	5.1	185.7	29.36	0.000
	11:00	1.7	0.0	-0.3	10.5	77.3	56.9	5.6	179.9	29.36	0.000
	12:00	1.5	0.0	-0.5	10.7	79.1	51.8	5.7	182.8	29.35	0.000
	13:00	0.8	0.0	-1.0	10.5	80.7	49.1	4.8	195.6	29.34	0.000
	14:00	1.1	0.0	-0.4	10.3	81.7	48.4	4.6	188.0	29.32	0.000
	15:00	1.1	0.3	-1.5	10.5	82.5	45.2	5.7	161.1	29.30	0.000
	16:00	1.3	0.3	-1.0	10.7	82.7	44.4	6.5	161.4	29.28	0.000
	17:00	1.1	0.3	-1.3	11.0	82.4	46.0	6.6	174.3	29.27	0.000
	18:00	1.3	0.3	-2.3	10.9	81.1	45.6	6.5	166.6	29.26	0.000
	19:00	1.3	0.3	-1.3	10.7	79.1	50.7	5.8	153.0	29.24	0.000
	20:00	2.8	0.3	-0.5	10.8	75.4	59.0	4.6	151.0	29.24	0.000
21:00	2.6	0.3	-0.3	10.8	73.5	62.7	5.6	154.7	29.22	0.000	
22:00	2.1	0.3	-0.3	10.6	72.4	63.9	4.9	158.7	29.23	0.000	
23:00	ZS	0.0	-0.9	10.3	70.1	68.4	3.1	178.6	29.25	0.000	
00:00	2.6	ZS	-0.8	10.1	68.9	71.5	2.9	171.3	29.25	0.000	
Minimum		0.8	0.0	-2.3	10.0	61.6	44.4	2.9	151.0	29.22	0.00
Maximum		19.4	0.3	0.4	11.1	82.7	95.2	6.6	214.4	29.39	0.00
Average (Total)		3.9	0.1	-0.5	10.6	72.8	67.1	4.7	174.1	29.32	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/12/2022	01:00	3.2	0.3	ZS	10.4	68.6	73.0	3.8	172.7	29.24	0.000
	02:00	3.2	0.0	2.0	10.8	68.7	74.1	5.3	190.3	29.22	0.000
	03:00	3.6	0.0	1.5	11.1	68.9	73.8	6.5	196.8	29.22	0.000
	04:00	6.8	0.0	1.4	11.0	66.6	80.1	4.9	176.5	29.21	0.000
	05:00	8.5	0.0	1.3	11.0	65.0	84.9	5.2	173.6	29.21	0.000
	06:00	7.9	0.0	1.0	10.8	65.2	84.8	4.6	172.1	29.20	0.000
	07:00	7.0	0.0	1.4	10.3	69.2	77.7	5.6	189.2	29.20	0.000
	08:00	4.9	0.0	1.5	9.0	73.6	69.9	5.9	198.8	29.20	0.000
	09:00	3.4	0.0	2.4	8.4	77.7	65.8	7.3	190.7	29.19	0.000
	10:00	QC	0.0	3.4	8.1	82.1	60.9	7.4	197.6	29.18	0.000
	11:00	QC	QC	3.6	7.7	85.0	57.6	7.9	191.8	29.18	0.000
	12:00	QC	QC	3.5	7.8	87.2	54.5	9.2	200.5	29.17	0.000
	13:00	QC	QC	3.8	8.1	87.7	55.2	8.3	186.3	29.15	0.000
	14:00	QC	QC	4.0	8.1	88.7	55.5	9.5	177.3	29.13	0.000
	15:00	QC	0.0	QC	8.2	88.3	56.7	9.1	192.3	29.12	0.000
	16:00	5.1	-0.5	QC	6.1	76.2	76.4	7.1	37.4	29.14	0.028
	17:00	5.6	-0.3	QC	4.9	70.6	92.6	4.8	188.2	29.16	0.000
	18:00	4.9	-0.3	0.9	3.9	70.4	91.9	5.6	195.5	29.16	0.000
	19:00	5.3	-0.3	1.0	4.3	70.1	88.4	5.3	201.3	29.18	0.000
	20:00	5.5	-0.5	0.8	4.4	70.1	88.7	3.3	176.5	29.19	0.000
21:00	7.1	-0.3	0.6	4.9	69.2	93.9	3.0	172.9	29.20	0.000	
22:00	7.3	-0.5	0.6	5.2	68.5	95.9	2.7	164.7	29.21	0.000	
23:00	ZS	-0.3	0.9	5.4	68.4	96.1	2.7	168.6	29.23	0.000	
00:00	6.0	ZS	0.9	5.7	68.5	95.6	3.1	188.8	29.23	0.000	
Minimum		ID	-0.5	0.6	3.9	65.0	54.5	2.7	37.4	29.12	0.00
Maximum		ID	0.3	4.0	11.1	88.7	96.1	9.5	201.3	29.24	0.03
Average (Total)		ID	-0.1	1.8	7.7	73.9	76.8	5.8	179.2	29.19	(0.03)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/13/2022	01:00	12.4	0.0	ZS	6.0	67.7	96.1	2.8	146.2	29.25	0.000
	02:00	6.2	-0.3	-0.1	6.3	67.1	97.3	3.1	179.2	29.26	0.000
	03:00	6.4	-0.3	0.1	7.7	69.5	90.7	5.2	221.8	29.26	0.000
	04:00	6.8	-0.3	0.3	7.3	68.3	91.4	2.5	212.3	29.26	0.000
	05:00	6.4	-0.5	-0.1	7.3	65.1	96.9	1.3	235.7	29.27	0.000
	06:00	9.4	-0.3	0.0	6.9	65.3	97.6	2.3	144.7	29.28	0.000
	07:00	9.2	-0.3	0.8	9.2	71.0	88.1	2.6	191.4	29.30	0.000
	08:00	4.9	-0.3	3.3	9.9	74.9	80.0	3.8	221.8	29.32	0.000
	09:00	5.3	0.0	2.3	10.6	77.3	74.9	3.9	210.6	29.33	0.000
	10:00	2.6	1.0	2.4	11.2	80.4	64.6	3.5	220.4	29.33	0.000
	11:00	2.6	0.5	2.8	10.8	82.1	59.3	5.1	263.6	29.33	0.000
	12:00	2.3	0.3	2.5	9.8	84.0	53.5	5.9	258.8	29.33	0.000
	13:00	1.7	0.3	2.0	9.9	86.2	45.4	3.5	263.5	29.31	0.000
	14:00	2.1	0.0	2.0	10.1	86.8	45.3	5.1	213.1	29.29	0.000
	15:00	2.8	0.3	1.9	10.2	85.4	46.5	3.1	235.2	29.28	0.000
	16:00	2.3	0.3	2.1	9.5	86.5	43.5	1.4	167.3	29.27	0.000
	17:00	3.6	0.3	1.9	8.8	86.7	44.1	2.9	206.6	29.26	0.000
	18:00	3.2	0.0	2.4	8.1	85.9	49.5	4.0	202.7	29.26	0.000
	19:00	4.5	0.3	2.4	7.8	84.1	50.1	2.7	218.7	29.28	0.000
	20:00	5.1	0.0	2.3	8.3	77.7	55.1	2.7	257.7	29.29	0.000
21:00	6.0	0.0	1.5	9.1	70.9	73.3	1.1	246.5	29.30	0.000	
22:00	8.6	0.0	1.8	9.1	68.6	80.2	2.2	272.0	29.31	0.000	
23:00	ZS	0.3	0.6	9.2	68.3	74.8	2.4	266.7	29.31	0.000	
00:00	7.1	ZS	1.0	8.9	66.5	78.5	1.4	166.2	29.33	0.000	
Minimum		1.7	-0.5	-0.1	6.0	65.1	43.5	1.1	144.7	29.25	0.00
Maximum		12.4	1.0	3.3	11.2	86.8	97.6	5.9	272.0	29.33	0.00
Average (Total)		5.3	0.1	1.6	8.8	76.1	69.9	3.1	217.6	29.29	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/14/2022	01:00	5.8	0.3	ZS	8.7	65.0	83.1	2.7	260.6	29.33	0.000
	02:00	5.8	0.3	1.0	8.9	64.5	82.1	0.9	250.1	29.33	0.000
	03:00	10.3	0.0	0.5	9.3	63.4	84.1	0.9	253.3	29.34	0.000
	04:00	19.2	0.3	0.5	9.8	61.5	89.5	0.7	134.4	29.34	0.000
	05:00	17.7	0.0	0.3	9.7	61.0	92.1	0.3	174.7	29.35	0.000
	06:00	16.9	0.3	0.3	9.7	62.2	89.7	0.9	115.1	29.37	0.000
	07:00	14.9	0.3	1.0	9.6	68.3	77.2	2.5	171.3	29.38	0.000
	08:00	10.2	0.8	1.3	9.2	72.9	65.8	1.7	131.7	29.40	0.000
	09:00	10.2	1.8	2.0	9.9	77.2	55.8	2.5	12.7	29.41	0.000
	10:00	6.8	2.1	1.9	9.9	80.3	52.3	4.9	331.7	29.42	0.000
	11:00	QC	1.8	1.8	9.0	82.7	48.2	4.5	326.9	29.43	0.000
	12:00	QC	1.3	1.6	9.1	84.5	44.7	5.7	349.1	29.43	0.000
	13:00	QC	1.3	2.0	8.9	85.6	41.9	4.3	339.2	29.43	0.000
	14:00	QC	0.8	1.9	8.7	86.9	39.8	5.0	7.9	29.42	0.000
	15:00	QC	0.8	QC	8.5	87.1	41.2	6.0	27.9	29.41	0.000
	16:00	3.8	0.8	QC	8.7	87.9	38.6	5.7	13.7	29.40	0.000
	17:00	3.8	0.8	QC	QC	87.6	37.8	5.5	10.4	29.40	0.000
	18:00	3.6	0.8	2.5	8.7	85.1	42.0	4.5	14.4	29.40	0.000
	19:00	3.8	0.5	3.1	7.7	83.6	43.9	3.5	0.3	29.40	0.000
	20:00	8.3	0.5	2.4	7.7	78.9	52.4	1.7	307.1	29.42	0.000
21:00	8.1	0.3	2.8	8.0	72.6	68.8	0.5	258.9	29.44	0.000	
22:00	10.0	0.3	2.5	8.3	68.7	79.7	0.7	253.1	29.47	0.000	
23:00	ZS	0.3	1.6	8.6	67.0	85.5	0.2	206.2	29.48	0.000	
00:00	11.3	ZS	1.8	10.8	65.9	88.3	1.2	302.9	29.49	0.000	
Minimum		3.6	0.0	0.3	7.7	61.0	37.8	0.2	0.3	29.33	0.00
Maximum		19.2	2.1	3.1	10.8	87.9	92.1	6.0	349.1	29.49	0.00
Average (Total)		9.5	0.7	1.6	9.0	75.0	63.5	2.8	177.2	29.40	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/15/2022	01:00	10.3	0.3	ZS	10.5	64.5	86.8	0.4	335.8	29.49	0.000
	02:00	10.7	0.3	1.1	10.7	63.5	88.7	1.0	319.8	29.49	0.000
	03:00	22.0	0.0	1.1	10.4	63.8	86.5	2.0	142.5	29.49	0.000
	04:00	23.9	0.3	0.9	10.4	61.0	92.2	0.4	119.5	29.49	0.000
	05:00	15.2	0.3	1.0	10.0	60.0	94.6	0.7	326.2	29.50	0.000
	06:00	7.5	0.3	1.4	8.8	62.7	86.0	1.7	336.2	29.50	0.000
	07:00	7.0	0.0	2.0	8.9	66.8	70.5	1.9	1.4	29.51	0.000
	08:00	6.4	0.5	2.6	8.9	70.4	64.0	4.2	2.0	29.52	0.000
	09:00	6.2	0.5	3.0	9.5	73.7	59.3	3.1	355.6	29.52	0.000
	10:00	5.6	0.5	3.5	9.6	76.9	54.6	2.3	8.1	29.52	0.000
	11:00	5.6	0.5	3.9	9.8	79.7	51.2	2.2	37.6	29.53	0.000
	12:00	3.4	0.8	3.3	9.2	83.0	43.9	3.5	36.3	29.53	0.000
	13:00	4.7	0.8	2.6	8.8	85.2	36.5	3.7	30.4	29.51	0.000
	14:00	3.2	0.5	1.5	8.3	86.0	33.1	3.0	47.9	29.51	0.000
	15:00	2.4	0.8	0.4	7.9	84.6	36.4	1.5	89.4	29.49	0.000
	16:00	4.3	0.8	0.6	8.1	87.0	33.9	4.3	31.0	29.47	0.000
	17:00	2.6	0.8	0.4	8.1	85.6	35.5	4.6	55.6	29.46	0.000
	18:00	2.6	0.5	0.8	8.1	84.7	38.2	3.4	58.6	29.46	0.000
	19:00	3.6	0.5	1.6	7.8	80.7	47.9	2.1	87.1	29.46	0.000
	20:00	6.2	0.5	2.6	8.4	72.2	69.0	0.6	101.7	29.46	0.000
21:00	20.5	0.5	2.4	9.1	69.2	74.9	0.2	190.3	29.47	0.000	
22:00	22.2	0.5	3.1	11.0	68.1	77.1	0.3	172.1	29.49	0.000	
23:00	ZS	0.5	3.3	15.7	66.8	80.3	0.4	125.1	29.49	0.000	
00:00	14.9	ZS	2.4	14.1	64.9	86.4	0.6	101.7	29.48	0.000	
Minimum		2.4	0.0	0.4	7.8	60.0	33.1	0.2	1.4	29.46	0.00
Maximum		23.9	0.8	3.9	15.7	87.0	94.6	4.6	355.6	29.53	0.00
Average (Total)		9.2	0.5	2.0	9.7	73.4	63.6	2.0	129.7	29.49	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/16/2022	01:00	14.1	0.3	ZS	13.5	64.8	89.4	1.3	214.3	29.48	0.000
	02:00	9.2	0.3	1.4	11.6	64.3	87.4	0.5	157.6	29.47	0.000
	03:00	10.2	0.3	0.9	11.6	62.7	93.1	0.6	129.4	29.47	0.000
	04:00	18.4	0.3	0.4	11.7	63.0	92.4	0.8	136.0	29.46	0.000
	05:00	20.7	0.3	0.4	11.5	62.4	94.3	0.5	139.7	29.46	0.000
	06:00	15.8	0.0	0.5	11.4	62.9	95.3	0.5	316.5	29.47	0.000
	07:00	11.5	0.0	1.3	11.1	67.9	85.3	0.7	146.0	29.47	0.000
	08:00	11.1	0.0	0.5	10.9	67.7	84.3	2.5	349.3	29.48	0.000
	09:00	7.9	0.0	0.5	10.7	69.7	82.0	1.3	57.2	29.48	0.000
	10:00	6.8	0.0	1.3	10.6	72.1	77.8	2.0	104.4	29.47	0.000
	11:00	5.8	0.3	3.1	10.8	75.0	71.8	1.6	105.6	29.47	0.000
	12:00	5.6	0.0	3.3	10.5	76.0	72.3	5.0	162.8	29.46	0.000
	13:00	3.8	0.3	2.6	9.7	76.3	71.5	3.9	203.9	29.45	0.000
	14:00	2.6	0.0	3.4	10.3	79.3	65.9	5.0	243.5	29.43	0.000
	15:00	2.6	0.8	3.3	11.3	83.1	52.0	4.0	291.4	29.41	0.000
	16:00	2.4	0.5	2.9	11.2	83.7	47.4	3.7	291.8	29.39	0.000
	17:00	3.4	0.5	3.3	11.2	82.6	49.2	3.6	298.9	29.39	0.000
	18:00	3.6	0.5	3.6	10.8	82.5	53.6	3.8	51.8	29.38	0.000
	19:00	5.5	0.5	3.5	11.8	78.6	63.5	2.4	68.0	29.38	0.000
	20:00	5.3	0.5	3.0	12.2	75.8	71.1	1.4	96.6	29.39	0.000
21:00	5.8	0.5	3.0	11.4	73.4	77.1	1.2	118.6	29.40	0.000	
22:00	6.0	0.3	3.8	11.1	73.8	82.0	3.0	119.1	29.41	0.000	
23:00	ZS	0.0	2.8	10.1	73.0	83.9	2.2	156.9	29.42	0.000	
00:00	5.8	ZS	2.5	10.2	71.9	86.4	4.0	229.2	29.41	0.000	
Minimum		2.4	0.0	0.4	9.7	62.4	47.4	0.5	51.8	29.38	0.00
Maximum		20.7	0.8	3.8	13.5	83.7	95.3	5.0	349.3	29.48	0.00
Average (Total)		8.0	0.3	2.2	11.1	72.6	76.2	2.3	174.5	29.44	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/17/2022	01:00	5.1	0.0	ZS	9.7	70.7	87.7	3.5	196.7	29.41	0.000
	02:00	4.1	0.0	2.4	8.4	70.0	92.7	2.3	190.2	29.40	0.000
	03:00	4.1	0.0	1.1	8.2	68.0	96.5	0.4	118.2	29.39	0.000
	04:00	3.8	0.0	0.8	8.4	67.4	98.2	1.0	144.5	29.38	0.000
	05:00	3.8	0.0	0.6	8.9	67.1	98.8	0.4	172.7	29.38	0.000
	06:00	10.0	0.0	1.1	8.7	67.5	99.1	0.8	123.4	29.39	0.000
	07:00	11.3	0.0	5.0	8.8	69.3	96.4	0.4	147.5	29.39	0.000
	08:00	3.9	-0.3	3.6	8.2	72.0	86.2	0.9	149.5	29.40	0.000
	09:00	2.8	0.0	3.4	8.4	75.1	76.5	1.6	51.2	29.39	0.000
	10:00	2.4	-0.3	5.4	9.0	77.7	71.6	2.3	65.2	29.38	0.000
	11:00	2.4	0.0	6.8	9.1	79.4	71.2	3.5	115.9	29.39	0.000
	12:00	2.3	0.0	8.3	9.5	80.7	70.8	4.3	117.7	29.40	0.000
	13:00	1.7	0.0	9.8	9.8	80.6	72.0	4.6	113.1	29.39	0.000
	14:00	2.1	0.0	9.8	9.9	81.0	71.4	5.2	127.7	29.38	0.000
	15:00	2.1	0.0	9.5	10.2	80.4	72.6	5.3	121.7	29.37	0.000
	16:00	3.8	0.0	11.6	10.3	80.0	77.0	5.2	142.0	29.37	0.000
	17:00	3.8	0.0	12.4	10.3	79.5	80.1	4.6	179.2	29.37	0.000
	18:00	2.6	0.0	12.3	8.4	78.0	83.5	3.0	211.0	29.35	0.000
	19:00	2.6	0.0	11.3	7.1	77.1	81.8	1.9	208.6	29.36	0.000
	20:00	4.5	0.0	10.3	6.9	75.3	87.5	2.1	306.6	29.37	0.000
21:00	5.5	0.0	9.1	6.7	74.2	90.3	1.5	230.6	29.37	0.000	
22:00	4.9	-0.3	9.0	6.7	73.3	91.7	1.8	234.5	29.37	0.004	
23:00	ZS	-0.3	8.1	6.6	72.3	95.3	1.6	144.8	29.36	0.000	
00:00	7.0	ZS	7.3	6.5	72.2	95.9	1.4	336.2	29.36	0.000	
Minimum		1.7	-0.3	0.6	6.5	67.1	70.8	0.4	51.2	29.35	0.00
Maximum		11.3	0.0	12.4	10.3	81.0	99.1	5.3	336.2	29.41	0.00
Average (Total)		4.2	-0.1	6.9	8.5	74.5	85.2	2.5	164.5	29.38	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/18/2022	01:00	6.2	0.0	ZS	7.2	71.5	97.1	1.1	72.8	29.35	0.000
	02:00	7.9	0.0	4.3	7.2	70.8	98.2	2.0	109.6	29.32	0.000
	03:00	11.3	0.0	4.6	7.9	71.0	98.3	1.0	197.0	29.31	0.000
	04:00	11.5	-0.3	3.8	7.3	70.5	98.2	0.4	279.9	29.31	0.000
	05:00	9.8	-0.3	3.4	7.1	70.2	98.5	0.3	104.7	29.31	0.000
	06:00	15.8	0.0	3.6	6.8	70.2	98.8	1.1	151.8	29.31	0.000
	07:00	10.7	-0.3	4.6	6.8	71.6	96.8	2.3	144.6	29.31	0.004
	08:00	9.8	0.0	5.0	7.8	73.9	89.4	2.8	172.6	29.30	0.000
	09:00	4.3	0.0	6.9	8.1	76.3	83.4	3.4	210.6	29.30	0.000
	10:00	3.6	0.0	8.8	8.2	79.4	76.1	4.9	206.6	29.29	0.000
	11:00	3.8	0.0	9.5	9.2	81.4	71.5	5.4	195.0	29.28	0.000
	12:00	3.4	0.0	10.4	9.5	84.7	65.9	6.7	195.1	29.27	0.000
	13:00	3.4	0.0	10.0	10.4	86.5	61.8	5.7	198.4	29.24	0.000
	14:00	2.8	0.0	7.9	9.6	79.9	74.9	3.4	266.1	29.23	1.003
	15:00	5.6	-0.3	5.0	4.7	71.7	97.7	3.4	151.6	29.23	0.016
	16:00	5.5	-0.3	5.9	5.0	73.3	95.6	4.7	147.3	29.21	0.000
	17:00	4.1	0.0	7.5	5.7	76.9	88.3	5.2	180.3	29.20	0.000
	18:00	3.2	-0.3	7.8	5.3	78.2	82.0	5.1	198.0	29.20	0.004
	19:00	4.1	0.0	7.8	5.6	77.2	86.4	2.8	217.0	29.21	0.000
	20:00	4.9	0.0	7.9	5.9	77.0	86.3	3.3	257.9	29.21	0.000
21:00	6.2	-0.3	7.3	6.3	75.5	87.3	0.9	313.1	29.22	0.000	
22:00	8.8	-0.3	5.4	6.5	72.4	92.8	1.3	280.9	29.24	0.000	
23:00	ZS	-0.3	4.4	6.8	71.8	93.7	2.6	151.1	29.25	0.000	
00:00	8.3	ZS	3.8	7.0	72.1	90.6	2.6	246.3	29.26	0.000	
Minimum		2.8	-0.3	3.4	4.7	70.2	61.8	0.3	72.8	29.20	0.00
Maximum		15.8	0.0	10.4	10.4	86.5	98.8	6.7	313.1	29.35	1.00
Average (Total)		6.7	-0.1	6.3	7.2	75.2	87.9	3.0	193.7	29.27	(1.03)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/19/2022	01:00	5.1	0.0	ZS	7.2	72.8	85.6	4.7	263.8	29.26	0.000
	02:00	5.5	0.0	2.4	7.0	73.0	82.5	1.9	245.5	29.25	0.000
	03:00	7.5	0.0	2.5	7.1	71.6	86.9	1.5	256.0	29.24	0.000
	04:00	12.4	0.0	2.6	7.1	70.1	92.9	2.7	265.6	29.24	0.000
	05:00	26.7	0.0	2.0	7.3	70.7	89.7	0.9	238.4	29.25	0.000
	06:00	13.5	0.0	1.4	7.0	69.4	91.5	0.3	190.4	29.27	0.000
	07:00	13.9	0.5	2.3	7.6	73.6	80.1	3.3	270.9	29.28	0.000
	08:00	5.1	0.8	2.1	8.4	76.7	70.4	4.6	281.0	29.28	0.000
	09:00	6.2	0.8	2.3	9.6	79.0	64.1	5.8	299.4	29.29	0.000
	10:00	3.9	0.3	2.4	10.8	81.3	60.0	5.0	278.5	29.28	0.000
	11:00	3.2	0.3	1.4	11.4	83.8	55.0	6.8	276.5	29.29	0.000
	12:00	3.0	0.3	0.1	11.6	85.0	50.1	4.7	278.6	29.28	0.000
	13:00	3.4	0.3	-1.3	11.3	86.1	47.2	3.7	261.4	29.27	0.000
	14:00	2.8	0.3	-2.4	10.6	87.2	43.2	3.8	288.5	29.26	0.000
	15:00	2.6	0.3	-2.9	10.6	88.3	40.4	2.9	304.6	29.24	0.000
	16:00	2.4	0.5	-5.4	10.0	90.1	36.7	4.1	305.5	29.23	0.000
	17:00	3.0	0.3	-4.8	10.5	90.6	38.2	3.2	37.6	29.22	0.000
	18:00	4.5	0.3	-4.6	10.6	89.5	41.6	3.4	31.5	29.21	0.000
	19:00	3.8	0.3	-0.6	10.7	85.9	51.7	1.8	58.7	29.21	0.000
	20:00	9.4	0.3	2.3	10.8	78.1	71.6	0.2	134.4	29.22	0.000
21:00	16.7	0.0	3.3	10.4	73.8	82.9	1.4	188.2	29.23	0.000	
22:00	15.8	0.0	3.4	9.9	74.1	82.8	1.8	206.4	29.25	0.000	
23:00	ZS	0.0	3.9	8.3	71.4	89.0	1.7	183.8	29.26	0.000	
00:00	10.3	ZS	3.5	7.7	72.3	82.7	3.0	201.8	29.26	0.000	
Minimum		2.4	0.0	-5.4	7.0	69.4	36.7	0.2	31.5	29.21	0.00
Maximum		26.7	0.8	3.9	11.6	90.6	92.9	6.8	305.5	29.29	0.00
Average (Total)		7.9	0.2	0.7	9.3	78.9	67.4	3.1	222.8	29.25	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/20/2022	01:00	9.4	0.0	ZS	7.2	70.9	89.2	2.2	177.3	29.26	0.000
	02:00	10.5	-0.3	3.0	6.5	70.2	94.3	3.3	181.2	29.25	0.000
	03:00	10.3	-0.3	1.9	6.7	69.6	93.0	2.7	175.0	29.23	0.000
	04:00	9.2	-0.3	1.4	6.7	69.3	94.8	4.3	182.9	29.23	0.000
	05:00	10.5	-0.3	0.3	7.5	69.2	92.7	3.7	207.5	29.24	0.000
	06:00	13.9	-0.3	-0.1	7.5	68.9	93.5	2.9	176.2	29.25	0.000
	07:00	9.8	-0.3	2.4	7.5	71.7	89.7	3.5	181.2	29.25	0.000
	08:00	9.8	0.0	3.3	8.4	75.8	76.8	3.2	190.9	29.25	0.000
	09:00	6.6	0.5	3.8	10.5	79.0	69.6	3.6	239.6	29.25	0.000
	10:00	4.7	0.8	4.5	13.7	82.0	62.9	1.6	207.5	29.24	0.000
	11:00	3.8	1.8	3.6	14.3	84.9	55.6	0.9	149.9	29.23	0.000
	12:00	3.0	1.3	3.8	15.1	86.1	54.0	2.2	206.9	29.21	0.000
	13:00	2.8	0.8	3.1	16.1	87.7	51.1	3.4	206.7	29.19	0.000
	14:00	3.4	0.8	2.6	14.8	88.4	51.1	4.3	169.5	29.17	0.000
	15:00	2.8	0.5	1.9	11.6	88.9	49.1	6.9	178.4	29.15	0.000
	16:00	2.1	0.3	3.1	12.3	89.1	53.7	6.5	162.4	29.13	0.000
	17:00	2.6	0.5	3.0	12.5	88.8	54.5	7.6	165.8	29.11	0.000
	18:00	3.0	0.3	1.8	11.4	87.6	56.4	7.2	161.6	29.10	0.000
	19:00	3.4	0.3	3.0	10.6	85.7	60.3	5.5	165.5	29.10	0.000
	20:00	5.5	0.3	4.6	9.7	82.9	65.4	4.2	158.4	29.11	0.000
21:00	5.5	0.0	4.6	9.0	81.1	67.3	4.3	157.1	29.11	0.000	
22:00	6.6	0.0	4.9	8.5	79.8	69.8	3.9	162.2	29.11	0.000	
23:00	ZS	0.3	5.3	8.4	8.4	78.8	72.3	4.1	180.1	29.09	0.000
00:00	5.6	ZS	5.0	8.5	8.5	78.3	73.0	4.4	190.8	29.08	0.000
Minimum		2.1	-0.3	-0.1	6.5	68.9	49.1	0.9	149.9	29.08	0.00
Maximum		13.9	1.8	5.3	16.1	89.1	94.8	7.6	239.6	29.26	0.00
Average (Total)		6.3	0.3	3.1	10.2	79.8	70.4	4.0	180.6	29.18	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/21/2022	01:00	4.1	0.3	ZS	8.6	78.7	72.2	5.2	213.6	29.08	0.000
	02:00	7.1	0.3	6.1	9.4	78.9	72.4	6.4	206.0	29.07	0.000
	03:00	11.7	0.3	5.3	9.5	77.0	77.7	5.0	171.5	29.05	0.000
	04:00	7.5	0.3	5.3	9.6	75.1	82.8	5.2	177.7	29.04	0.000
	05:00	7.3	0.0	4.9	10.0	74.8	83.5	3.2	218.9	29.05	0.000
	06:00	10.3	0.3	5.8	10.4	75.6	82.7	4.0	215.8	29.07	0.000
	07:00	10.5	0.3	6.3	10.7	78.8	76.4	5.1	215.0	29.09	0.000
	08:00	7.7	0.3	7.4	10.9	80.8	71.9	3.6	231.4	29.10	0.000
	09:00	6.6	0.3	9.0	11.4	84.6	61.8	5.9	250.2	29.10	0.000
	10:00	3.2	0.5	5.3	8.8	86.5	55.6	10.0	273.3	29.12	0.000
	11:00	2.6	0.5	4.3	9.5	87.8	52.0	8.0	278.1	29.13	0.000
	12:00	2.3	0.3	2.5	10.0	89.6	46.5	10.0	276.5	29.13	0.000
	13:00	2.3	0.3	1.3	10.0	89.5	45.4	8.2	262.1	29.12	0.000
	14:00	2.1	0.3	2.0	10.7	91.0	40.7	10.3	261.8	29.12	0.000
	15:00	2.3	0.3	1.3	11.3	91.6	37.6	9.7	260.8	29.12	0.000
	16:00	2.3	0.5	1.3	10.4	92.0	36.2	9.3	265.2	29.10	0.000
	17:00	2.4	0.5	0.8	11.0	92.0	37.6	6.5	269.4	29.11	0.000
	18:00	2.4	0.5	0.9	11.7	90.6	39.8	7.2	274.3	29.12	0.000
	19:00	4.3	0.8	0.8	10.3	87.8	43.9	4.8	267.2	29.14	0.000
	20:00	6.2	0.8	2.3	9.8	82.8	53.4	2.6	243.8	29.15	0.000
21:00	7.1	0.8	3.1	9.8	76.7	67.8	2.5	248.8	29.17	0.000	
22:00	9.6	0.5	3.4	10.0	74.6	73.2	2.7	251.3	29.19	0.000	
23:00	ZS	0.5	2.9	9.8	77.4	64.0	4.8	269.6	29.20	0.000	
00:00	9.8	ZS	3.1	11.4	75.5	70.3	1.9	182.9	29.21	0.000	
Minimum		2.1	0.0	0.8	8.6	74.6	36.2	1.9	171.5	29.04	0.00
Maximum		11.7	0.8	9.0	11.7	92.0	83.5	10.3	278.1	29.21	0.00
Average (Total)		5.7	0.4	3.7	10.2	82.9	60.2	5.9	241.0	29.12	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/22/2022	01:00	7.3	0.8	ZS	11.5	73.5	76.9	4.1	200.9	29.23	0.000
	02:00	6.6	0.8	1.9	12.2	74.6	73.1	4.0	231.2	29.23	0.000
	03:00	7.0	0.8	1.5	13.2	74.4	73.5	3.2	233.6	29.25	0.000
	04:00	5.6	0.8	1.6	13.5	71.3	80.6	2.7	251.6	29.26	0.000
	05:00	8.3	0.5	1.6	14.3	69.8	84.2	3.4	246.8	29.28	0.000
	06:00	12.8	0.8	1.3	14.6	69.5	86.5	2.3	237.2	29.30	0.000
	07:00	10.3	0.8	3.1	15.2	75.7	71.9	1.8	236.8	29.31	0.000
	08:00	7.7	1.0	5.0	15.9	78.5	68.4	3.0	220.4	29.32	0.000
	09:00	5.8	1.8	6.3	16.4	81.7	63.5	4.7	236.5	29.33	0.000
	10:00	3.9	2.6	4.8	17.8	84.6	57.2	4.9	242.6	29.34	0.000
	11:00	3.2	1.8	1.4	16.2	87.3	49.5	5.7	252.7	29.34	0.000
	12:00	2.8	2.4	0.5	16.4	88.6	47.6	6.2	237.5	29.32	0.000
	13:00	3.0	1.8	0.5	16.3	90.1	45.5	6.7	219.1	29.32	0.000
	14:00	3.4	1.6	-0.1	15.5	92.1	41.8	7.6	217.5	29.31	0.000
	15:00	2.8	1.3	-3.5	13.7	93.6	35.5	9.1	235.8	29.30	0.000
	16:00	2.6	1.3	-6.3	11.4	94.4	30.1	8.8	249.4	29.29	0.000
	17:00	2.8	1.3	-4.3	13.1	93.5	31.1	8.4	235.3	29.30	0.000
	18:00	2.6	1.0	DL	11.7	91.9	34.8	6.5	243.5	29.29	0.000
	19:00	4.1	1.0	-3.6	12.4	88.2	42.2	3.4	227.0	29.31	0.000
	20:00	5.8	1.0	7.3	15.4	82.8	57.6	3.8	185.4	29.32	0.000
21:00	5.8	1.0	2.9	14.7	80.8	61.4	2.3	234.5	29.34	0.000	
22:00	10.5	0.8	4.0	14.3	77.2	69.2	0.1	182.9	29.36	0.000	
23:00	ZS	0.8	3.6	14.5	74.2	75.0	1.5	198.6	29.37	0.000	
00:00	7.7	ZS	2.9	14.6	73.6	75.7	2.6	221.5	29.38	0.000	
Minimum		2.6	0.5	-6.3	11.4	69.5	30.1	0.1	182.9	29.23	0.00
Maximum		12.8	2.6	7.3	17.8	94.4	86.5	9.1	252.7	29.38	0.00
Average (Total)		5.8	1.2	1.5	14.4	81.7	59.7	4.4	228.3	29.31	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/23/2022	01:00	4.7	1.6	ZS	14.5	75.1	70.8	4.3	202.8	29.39	0.000
	02:00	4.1	1.3	2.4	14.5	76.9	65.5	4.0	213.8	29.39	0.000
	03:00	4.3	0.8	2.4	14.3	74.5	70.7	3.9	220.4	29.40	0.000
	04:00	6.6	1.0	2.5	14.1	75.3	68.7	4.0	226.5	29.41	0.000
	05:00	8.1	1.0	2.6	14.3	73.0	75.0	2.3	222.9	29.42	0.000
	06:00	9.8	0.8	2.5	13.9	73.0	74.9	3.9	244.0	29.43	0.000
	07:00	8.1	1.0	5.4	14.2	76.7	70.7	3.6	252.1	29.44	0.000
	08:00	6.6	1.3	8.9	14.9	79.5	67.5	2.9	263.8	29.44	0.000
	09:00	6.4	1.8	10.3	15.5	83.5	57.1	2.7	262.0	29.44	0.000
	10:00	3.6	2.1	6.8	14.3	85.9	53.3	2.0	238.7	29.45	0.000
	11:00	2.8	1.6	1.6	12.2	88.1	47.6	2.3	239.5	29.45	0.000
	12:00	2.8	1.6	1.5	12.4	89.8	43.7	1.5	174.2	29.45	0.000
	13:00	2.8	1.6	2.5	12.1	91.3	41.9	4.4	186.9	29.44	0.000
	14:00	3.2	1.3	4.1	12.3	91.6	47.7	6.9	164.8	29.42	0.000
	15:00	2.8	1.0	0.8	11.6	92.2	42.0	7.3	164.7	29.40	0.000
	16:00	2.6	1.0	-0.3	9.8	93.1	37.0	6.8	173.9	29.38	0.000
	17:00	2.6	1.0	4.3	14.1	91.5	48.3	5.3	168.9	29.37	0.000
	18:00	3.0	0.8	3.8	13.7	83.9	59.2	7.5	268.1	29.44	0.243
	19:00	11.7	0.3	2.8	9.7	71.8	91.7	5.6	3.5	29.51	0.308
	20:00	6.8	0.5	4.4	9.7	69.7	96.4	2.9	141.6	29.48	0.028
21:00	4.9	0.3	4.9	9.6	69.6	97.5	3.7	261.1	29.46	0.000	
22:00	5.3	0.5	4.5	9.1	69.2	98.1	0.9	221.9	29.46	0.004	
23:00	ZS	0.3	4.8	9.3	69.0	98.8	1.9	132.3	29.44	0.000	
00:00	9.8	ZS	4.6	9.0	68.8	97.2	4.0	190.8	29.43	0.000	
Minimum		2.6	0.3	-0.3	9.0	68.8	37.0	0.9	3.5	29.37	0.00
Maximum		11.7	2.1	10.3	15.5	93.1	98.8	7.5	268.1	29.51	0.31
Average (Total)		5.4	1.1	3.8	12.5	79.7	67.5	3.9	201.6	29.43	(0.58)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/24/2022	01:00	7.0	0.5	ZS	9.2	68.0	96.6	2.7	171.2	29.43	0.000
	02:00	7.0	0.5	2.0	9.2	67.3	97.4	2.2	154.2	29.43	0.000
	03:00	16.4	0.5	1.5	8.4	66.5	98.3	3.3	134.0	29.42	0.004
	04:00	7.1	0.5	-0.4	8.4	65.6	98.4	2.5	120.9	29.42	0.000
	05:00	6.4	0.5	-1.3	8.1	65.0	98.9	1.2	117.1	29.42	0.000
	06:00	6.0	0.3	-0.6	7.9	65.3	98.8	1.0	154.8	29.44	0.004
	07:00	7.3	0.3	3.3	7.6	68.3	93.6	1.9	163.4	29.45	0.000
	08:00	4.3	0.3	10.0	8.0	72.1	83.6	2.9	182.9	29.46	0.000
	09:00	4.3	0.5	7.6	8.1	75.2	76.8	3.9	205.6	29.46	0.000
	10:00	3.8	0.5	8.6	8.4	78.8	69.3	1.8	204.5	29.46	0.000
	11:00	3.4	0.8	9.4	9.3	82.8	66.3	4.7	142.9	29.44	0.000
	12:00	3.2	0.8	7.9	9.6	86.7	57.6	6.4	180.9	29.41	0.000
	13:00	2.6	0.8	6.3	11.4	89.3	50.2	6.6	185.3	29.41	0.000
	14:00	2.4	0.8	8.8	12.9	91.2	49.6	6.8	183.6	29.38	0.000
	15:00	2.4	0.5	9.9	14.6	92.0	50.5	8.1	183.3	29.36	0.000
	16:00	2.4	0.5	5.8	13.9	91.9	47.3	8.3	176.2	29.35	0.000
	17:00	3.2	0.8	5.5	12.8	90.5	50.5	6.1	177.6	29.35	0.000
	18:00	4.3	0.8	7.5	12.2	89.2	55.5	3.8	162.9	29.34	0.000
	19:00	6.2	0.5	8.9	10.8	86.7	58.4	3.7	171.2	29.33	0.000
	20:00	7.3	0.5	9.3	10.9	83.3	64.6	3.1	166.0	29.32	0.000
21:00	7.5	0.5	9.8	10.7	80.7	70.5	2.7	182.4	29.33	0.000	
22:00	7.9	0.5	10.3	10.4	80.4	68.4	4.3	188.7	29.33	0.000	
23:00	ZS	0.8	10.8	11.0	80.5	67.7	4.7	197.6	29.32	0.000	
00:00	5.5	ZS	12.8	11.3	80.1	72.2	4.4	216.9	29.32	0.000	
Minimum		2.4	0.3	-1.3	7.6	65.0	47.3	1.0	117.1	29.32	0.00
Maximum		16.4	0.8	12.8	14.6	92.0	98.9	8.3	216.9	29.46	0.00
Average (Total)		5.6	0.6	6.7	10.2	79.1	72.5	4.0	171.8	29.39	(0.01)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/25/2022	01:00	6.6	0.8	ZS	11.1	79.4	72.1	5.1	193.1	29.30	0.000
	02:00	6.6	0.5	12.5	11.5	78.2	74.1	4.8	181.8	29.28	0.000
	03:00	6.6	0.8	11.0	11.3	77.4	75.3	3.5	207.3	29.29	0.000
	04:00	18.4	0.5	10.8	11.8	77.4	75.8	4.3	196.6	29.29	0.000
	05:00	14.9	0.5	10.9	11.8	77.2	77.0	4.2	188.4	29.28	0.000
	06:00	11.8	0.5	10.5	11.3	75.4	82.6	4.2	170.4	29.28	0.000
	07:00	11.7	0.5	12.4	11.3	78.0	77.8	5.4	194.9	29.29	0.000
	08:00	7.5	0.5	13.4	10.9	79.8	73.9	6.2	207.1	29.30	0.000
	09:00	6.8	0.5	13.6	10.6	80.3	74.1	5.8	194.1	29.30	0.000
	10:00	7.1	0.5	13.9	10.2	79.7	76.6	4.3	193.1	29.31	0.000
	11:00	7.3	0.5	14.0	9.7	80.6	75.4	4.8	196.4	29.31	0.000
	12:00	6.8	0.3	15.0	9.7	81.4	74.9	3.8	209.2	29.32	0.000
	13:00	7.7	0.3	16.8	11.2	82.1	73.8	4.5	293.0	29.32	0.008
	14:00	7.1	0.3	11.9	8.9	76.0	87.7	4.8	250.0	29.34	0.036
	15:00	11.1	0.3	9.8	5.7	76.1	84.4	3.2	299.1	29.31	0.012
	16:00	4.5	0.0	11.6	5.1	78.2	81.5	2.9	176.0	29.30	0.000
	17:00	3.9	0.0	11.9	5.1	79.3	81.0	5.6	202.9	29.29	0.000
	18:00	3.2	0.3	11.5	6.1	80.0	77.2	6.0	231.6	29.29	0.000
	19:00	4.5	0.3	11.8	5.8	79.0	80.7	4.1	212.0	29.31	0.000
	20:00	5.1	0.3	11.4	5.3	77.0	86.9	2.8	218.4	29.32	0.000
21:00	8.1	0.3	10.6	5.4	75.9	88.3	2.9	220.5	29.33	0.000	
22:00	9.0	0.3	8.8	5.3	74.5	91.3	1.5	169.0	29.35	0.000	
23:00	ZS	0.3	7.5	5.8	72.6	95.7	1.0	187.7	29.35	0.000	
00:00	6.2	ZS	9.0	6.7	73.0	94.9	2.8	235.1	29.35	0.000	
Minimum		3.2	0.0	7.5	5.1	72.6	72.1	1.0	169.0	29.28	0.00
Maximum		18.4	0.8	16.8	11.8	82.1	95.7	6.2	299.1	29.35	0.04
Average (Total)		7.9	0.4	11.8	8.6	77.8	80.5	4.1	209.5	29.31	(0.06)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/26/2022	01:00	6.2	0.0	ZS	7.1	72.6	93.5	3.3	222.4	29.36	0.000
	02:00	8.8	0.3	6.3	7.6	71.3	95.4	0.4	66.3	29.36	0.000
	03:00	8.5	0.3	6.3	7.6	72.0	92.7	1.7	302.9	29.38	0.000
	04:00	8.5	0.5	6.8	8.7	72.4	85.6	3.9	4.4	29.38	0.000
	05:00	4.5	0.8	-1.0	8.3	71.6	77.4	4.5	6.3	29.40	0.000
	06:00	4.1	0.5	-1.6	7.4	70.8	69.1	4.8	357.7	29.41	0.000
	07:00	6.8	0.5	-2.3	6.7	70.5	68.4	3.2	341.0	29.42	0.000
	08:00	6.4	0.5	-2.5	6.4	70.5	71.2	0.2	73.2	29.44	0.000
	09:00	10.3	0.3	-2.3	6.8	71.2	69.4	1.5	22.9	29.44	0.000
	10:00	9.0	0.5	-1.9	6.4	72.5	64.4	1.6	38.9	29.44	0.000
	11:00	9.8	0.5	-1.1	6.1	73.1	61.2	0.8	346.2	29.45	0.000
	12:00	6.6	1.6	-1.3	5.7	73.6	64.2	1.6	31.7	29.45	0.000
	13:00	6.4	2.4	-1.0	6.1	75.0	62.8	1.6	39.1	29.43	0.000
	14:00	5.3	1.0	-1.6	6.2	75.3	60.2	1.5	90.5	29.41	0.000
	15:00	4.7	0.8	-2.0	6.1	74.9	58.8	0.2	273.3	29.40	0.000
	16:00	3.4	0.8	-1.9	5.7	74.3	64.6	1.7	281.3	29.39	0.000
	17:00	8.1	1.3	-2.1	6.1	74.0	67.2	0.8	302.1	29.38	0.000
	18:00	7.7	1.0	-0.9	6.1	73.2	73.2	0.8	177.9	29.37	0.000
	19:00	8.5	0.8	-1.0	7.4	72.1	77.1	0.5	124.6	29.39	0.000
	20:00	8.5	0.5	-1.3	6.5	71.1	76.8	1.1	188.7	29.39	0.000
21:00	10.2	0.5	-2.3	6.7	70.4	80.7	0.3	238.9	29.38	0.000	
22:00	11.1	0.5	-2.3	7.1	69.8	82.3	1.5	182.1	29.38	0.000	
23:00	ZS	0.5	-2.3	7.1	69.4	85.2	1.3	176.9	29.38	0.000	
00:00	10.5	ZS	-1.8	7.0	68.8	87.5	1.2	172.5	29.38	0.000	
Minimum		3.4	0.0	-2.5	5.7	68.8	58.8	0.2	4.4	29.36	0.00
Maximum		11.1	2.4	6.8	8.7	75.3	95.4	4.8	357.7	29.45	0.00
Average (Total)		7.6	0.7	-0.7	6.8	72.1	74.5	1.7	169.2	29.40	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/27/2022	01:00	10.5	0.5	ZS	7.4	67.8	91.3	1.7	161.5	29.37	0.000
	02:00	9.2	0.3	-2.4	7.7	67.4	95.3	0.2	182.5	29.36	0.000
	03:00	8.6	0.3	-1.1	7.7	68.4	94.1	0.9	148.1	29.35	0.000
	04:00	9.4	0.3	-1.6	7.6	67.9	95.0	0.5	122.5	29.34	0.000
	05:00	11.7	0.3	-1.4	7.9	67.8	96.9	0.3	125.7	29.35	0.000
	06:00	12.6	0.3	-0.4	8.1	68.6	94.9	0.3	214.1	29.35	0.000
	07:00	11.1	0.3	0.1	8.2	69.6	92.6	0.8	128.8	29.36	0.000
	08:00	10.0	0.5	1.5	7.9	71.4	87.0	0.1	103.7	29.34	0.000
	09:00	7.3	0.5	3.5	7.5	73.8	78.5	1.4	268.1	29.35	0.000
	10:00	6.4	0.5	4.8	7.4	76.3	73.4	1.2	50.3	29.35	0.000
	11:00	4.7	0.5	5.6	6.7	80.1	66.5	1.3	88.4	29.34	0.000
	12:00	3.4	0.5	5.9	6.8	82.2	63.9	2.2	122.6	29.33	0.000
	13:00	3.8	0.5	6.0	7.2	83.5	63.7	4.4	175.8	29.33	0.000
	14:00	3.9	0.8	6.8	7.2	84.3	62.1	2.9	173.2	29.31	0.000
	15:00	3.9	0.8	7.0	7.3	84.5	64.2	4.7	178.4	29.31	0.000
	16:00	3.6	0.5	7.4	6.0	83.6	66.6	5.8	191.5	29.30	0.000
	17:00	4.1	0.3	8.5	5.3	82.7	71.6	4.0	182.1	29.27	0.000
	18:00	4.7	0.3	4.3	5.7	82.8	72.8	2.6	168.5	29.25	0.000
	19:00	6.4	0.5	4.3	5.6	82.1	75.9	2.3	190.1	29.27	0.000
	20:00	6.0	0.3	3.8	6.0	80.1	81.2	3.1	211.0	29.28	0.000
21:00	4.5	0.3	4.1	6.3	78.5	80.6	4.7	216.6	29.29	0.000	
22:00	5.5	0.3	3.6	6.0	77.1	82.5	5.9	208.2	29.29	0.000	
23:00	ZS	0.3	2.9	5.3	75.7	84.5	4.1	208.0	29.29	0.000	
00:00	8.3	ZS	3.3	4.9	74.6	86.0	3.1	223.0	29.28	0.000	
Minimum		3.4	0.3	-2.4	4.9	67.4	62.1	0.1	50.3	29.25	0.00
Maximum		12.6	0.8	8.5	8.2	84.5	96.9	5.9	268.1	29.37	0.00
Average (Total)		6.9	0.4	3.3	6.8	76.3	80.0	2.4	168.5	29.32	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/28/2022	01:00	8.6	0.3	ZS	4.8	73.5	88.8	2.0	216.0	29.28	0.000
	02:00	22.2	0.3	1.6	5.2	72.8	89.7	2.3	188.1	29.27	0.000
	03:00	13.5	0.3	2.3	5.0	72.2	90.5	2.6	196.9	29.27	0.000
	04:00	11.7	0.3	1.5	5.2	73.0	88.7	3.5	203.3	29.27	0.000
	05:00	12.0	0.5	2.4	5.6	71.9	91.1	2.0	200.2	29.27	0.000
	06:00	16.2	0.3	1.5	5.9	72.0	92.6	3.1	201.3	29.27	0.000
	07:00	9.8	0.3	2.6	5.6	73.6	90.1	3.6	197.1	29.28	0.000
	08:00	7.3	0.3	3.3	5.7	76.0	84.7	3.9	214.0	29.29	0.000
	09:00	4.5	0.3	3.9	5.8	80.1	74.5	3.8	214.0	29.28	0.000
	10:00	5.3	0.5	4.9	6.2	82.4	67.2	3.6	209.1	29.27	0.000
	11:00	5.8	0.5	5.4	6.9	84.0	70.1	6.4	182.9	29.28	0.000
	12:00	3.6	0.5	5.8	7.0	86.3	61.6	7.2	217.5	29.27	0.000
	13:00	2.8	0.5	5.3	6.6	87.7	57.5	8.5	207.5	29.26	0.000
	14:00	2.6	0.3	5.1	5.9	86.8	56.8	9.4	248.7	29.26	0.000
	15:00	2.4	0.8	3.6	5.7	86.6	53.3	8.9	247.2	29.24	0.000
	16:00	2.1	0.5	3.0	5.5	88.2	51.0	9.2	240.9	29.22	0.000
	17:00	3.8	0.8	2.5	5.9	87.0	50.6	7.9	262.8	29.22	0.000
	18:00	4.9	0.5	1.3	6.2	82.2	54.2	7.8	281.8	29.25	0.000
	19:00	2.4	0.8	1.1	6.0	81.5	52.5	6.4	269.0	29.24	0.000
	20:00	3.9	0.5	1.1	6.2	79.4	52.7	7.4	276.6	29.26	0.000
21:00	9.6	0.5	1.8	6.4	74.9	64.5	1.6	217.4	29.29	0.000	
22:00	9.8	0.5	2.0	6.6	73.3	72.7	2.2	237.0	29.30	0.000	
23:00	ZS	0.5	1.1	6.9	71.0	78.4	1.5	177.8	29.30	0.000	
00:00	7.9	ZS	0.9	6.7	70.2	82.8	3.4	203.3	29.31	0.000	
Minimum		2.1	0.3	0.9	4.8	70.2	50.6	1.5	177.8	29.22	0.00
Maximum		22.2	0.8	5.8	7.0	88.2	92.6	9.4	281.8	29.31	0.00
Average (Total)		7.5	0.5	2.8	6.0	78.6	71.5	4.9	221.3	29.27	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/29/2022	01:00	8.5	0.8	ZS	6.2	71.0	83.1	3.1	200.6	29.31	0.000
	02:00	6.2	0.8	1.4	6.0	68.8	89.0	2.3	213.5	29.30	0.000
	03:00	8.3	0.5	0.4	6.3	69.0	88.8	1.9	185.3	29.30	0.000
	04:00	17.5	0.5	0.4	6.6	69.9	87.4	2.7	190.2	29.30	0.000
	05:00	13.7	0.3	1.1	6.7	70.5	85.6	1.4	190.6	29.30	0.000
	06:00	15.8	0.5	1.1	6.8	70.6	88.3	1.4	198.0	29.31	0.000
	07:00	12.6	0.5	1.9	7.0	71.3	89.0	3.1	159.1	29.31	0.000
	08:00	13.3	0.5	2.0	6.6	73.5	85.5	2.4	171.8	29.32	0.000
	09:00	8.1	0.5	2.8	6.4	75.8	81.3	2.0	230.4	29.33	0.000
	10:00	6.2	0.3	3.1	6.5	76.5	82.4	2.4	227.1	29.34	0.000
	11:00	9.0	0.5	3.1	7.8	74.8	84.6	4.3	359.1	29.35	0.032
	12:00	5.6	0.3	3.4	8.2	73.4	88.0	2.6	32.4	29.36	0.020
	13:00	5.1	0.5	4.6	8.3	78.8	76.2	2.0	156.0	29.33	0.000
	14:00	4.7	0.5	4.5	8.3	79.3	74.8	2.5	25.8	29.32	0.004
	15:00	6.2	0.3	3.3	8.1	73.4	91.0	6.9	349.1	29.33	0.060
	16:00	8.6	0.3	2.6	6.8	74.0	92.4	5.3	9.6	29.32	0.004
	17:00	4.7	0.3	2.6	6.5	75.1	84.5	5.2	18.0	29.32	0.000
	18:00	5.5	0.5	3.3	6.8	75.4	82.8	3.2	48.5	29.31	0.000
	19:00	6.6	0.3	2.0	6.9	74.2	85.1	2.6	6.9	29.32	0.000
	20:00	6.6	0.3	1.5	6.7	72.8	89.7	1.6	293.6	29.33	0.004
21:00	7.7	0.3	2.1	7.1	71.8	95.0	2.3	229.6	29.35	0.000	
22:00	6.6	0.0	1.8	7.0	71.3	96.4	2.4	206.9	29.36	0.000	
23:00	ZS	0.3	1.9	7.4	70.8	96.6	3.0	229.1	29.37	0.000	
00:00	5.8	ZS	1.3	8.0	70.3	96.4	3.9	248.1	29.38	0.000	
Minimum		4.7	0.0	0.4	6.0	68.8	74.8	1.4	6.9	29.30	0.00
Maximum		17.5	0.8	4.6	8.3	79.3	96.6	6.9	359.1	29.38	0.06
Average (Total)		8.4	0.4	2.3	7.1	73.0	87.2	2.9	174.1	29.33	(0.12)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/30/2022	01:00	5.3	0.5	ZS	7.4	69.4	95.8	2.1	223.5	29.39	0.004
	02:00	6.6	0.5	0.8	7.4	68.0	97.5	2.9	274.4	29.39	0.000
	03:00	6.6	0.3	-0.1	7.0	68.1	95.4	3.8	289.8	29.41	0.000
	04:00	5.8	0.5	-0.4	5.4	66.9	92.2	2.6	299.2	29.42	0.000
	05:00	6.2	0.3	-0.9	8.1	64.5	91.1	1.2	289.8	29.44	0.000
	06:00	7.5	0.3	-0.8	8.9	62.9	96.3	2.6	267.2	29.46	0.004
	07:00	5.5	0.3	-0.1	8.1	67.8	84.5	2.4	222.6	29.48	0.000
	08:00	3.6	0.3	0.6	7.5	71.7	70.1	2.6	243.6	29.50	0.000
	09:00	3.8	2.4	2.9	5.9	75.3	54.8	2.7	337.5	29.51	0.000
	10:00	3.4	2.4	3.6	5.1	77.1	53.4	4.8	320.3	29.51	0.000
	11:00	2.8	1.8	4.4	5.0	81.7	46.4	6.3	351.4	29.52	0.000
	12:00	1.9	1.0	4.5	4.9	83.3	43.3	4.6	343.6	29.51	0.000
	13:00	1.9	1.0	5.1	4.6	84.8	40.7	4.5	347.2	29.51	0.000
	14:00	1.7	1.0	5.0	4.4	86.6	36.7	4.4	350.8	29.50	0.000
	15:00	1.9	1.0	4.8	4.1	85.7	38.0	2.0	24.1	29.50	0.000
	16:00	1.7	1.0	5.3	4.2	85.7	37.7	2.4	84.1	29.48	0.000
	17:00	2.8	1.0	5.5	4.2	85.2	38.7	2.9	48.4	29.48	0.000
	18:00	3.9	1.0	5.0	4.1	84.5	40.9	2.4	32.6	29.48	0.000
	19:00	3.0	1.6	4.9	4.8	82.7	43.1	2.5	15.3	29.50	0.000
	20:00	9.6	1.3	4.5	5.0	73.3	68.3	0.1	92.8	29.52	0.000
21:00	14.9	0.8	3.8	6.5	69.4	76.7	0.3	144.3	29.53	0.000	
22:00	14.7	1.0	2.8	6.3	67.6	79.9	0.6	260.4	29.54	0.000	
23:00	ZS	0.8	2.6	6.1	66.4	82.4	0.1	223.0	29.55	0.000	
00:00	11.8	ZS	2.5	6.6	65.1	84.6	0.5	144.9	29.56	0.000	
Minimum		1.7	0.3	-0.9	4.1	62.9	36.7	0.1	15.3	29.39	0.00
Maximum		14.9	2.4	5.5	8.9	86.6	97.5	6.3	351.4	29.56	0.00
Average (Total)		5.5	1.0	2.9	5.9	74.7	66.2	2.6	217.9	29.49	(0.01)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
07/31/2022	01:00	12.0	0.8	ZS	7.3	63.9	86.5	0.2	115.5	29.56	0.000
	02:00	12.8	0.8	1.4	8.2	63.1	90.1	0.6	125.0	29.56	0.000
	03:00	9.2	0.8	1.1	8.1	63.5	91.6	0.6	180.5	29.56	0.000
	04:00	10.7	0.8	1.4	7.8	62.6	93.2	0.8	349.0	29.55	0.000
	05:00	10.3	0.8	0.8	7.7	61.5	95.4	0.6	81.1	29.55	0.000
	06:00	9.4	0.8	1.1	7.6	62.4	95.8	0.4	55.8	29.55	0.000
	07:00	8.6	0.5	1.6	8.3	66.6	85.2	2.6	359.1	29.55	0.000
	08:00	6.4	0.8	3.4	7.2	67.6	80.3	1.7	289.1	29.56	0.000
	09:00	5.8	1.0	3.3	7.5	70.7	73.7	1.2	316.1	29.56	0.000
	10:00	4.1	1.3	4.1	8.5	73.5	70.1	1.2	59.1	29.56	0.000
	11:00	5.3	1.0	4.3	7.5	74.5	68.0	1.9	49.6	29.55	0.000
	12:00	3.6	1.0	3.9	8.0	75.9	69.2	2.5	67.8	29.53	0.000
	13:00	3.4	1.0	4.3	7.3	76.5	70.7	1.8	106.3	29.52	0.000
	14:00	3.0	0.8	3.6	7.2	73.3	80.5	5.3	156.9	29.52	0.000
	15:00	2.6	0.5	2.8	6.2	71.1	83.2	2.9	143.4	29.52	0.008
	16:00	9.8	0.5	2.1	6.3	69.2	93.5	3.3	44.2	29.51	0.016
	17:00	2.3	0.5	1.8	6.5	67.9	95.7	3.0	82.7	29.50	0.132
	18:00	3.8	0.5	1.6	6.5	67.6	97.3	2.7	75.1	29.48	0.420
	19:00	3.8	0.5	1.8	5.8	67.2	97.6	3.3	100.9	29.46	0.028
	20:00	6.8	0.3	1.0	5.3	66.9	97.7	3.3	102.4	29.44	0.012
21:00	3.8	0.5	1.4	5.7	67.0	97.7	3.8	114.2	29.44	0.004	
22:00	3.4	0.5	1.1	6.8	67.7	97.7	1.1	123.2	29.43	0.008	
23:00	ZS	0.5	0.3	7.1	68.0	97.7	0.4	10.5	29.42	0.012	
00:00	3.9	ZS	0.6	7.4	67.9	98.0	2.6	341.3	29.41	0.004	
Minimum		2.3	0.3	0.3	5.3	61.5	68.0	0.2	10.5	29.41	0.00
Maximum		12.8	1.3	4.3	8.5	76.5	98.0	5.3	359.1	29.56	0.42
Average (Total)		6.3	0.7	2.1	7.2	68.2	87.8	2.0	143.7	29.51	(0.64)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/01/2022	01:00	3.4	0.5	ZS	7.1	67.8	98.6	1.0	318.8	29.40	0.004
	02:00	5.8	0.5	0.3	6.4	67.2	98.9	3.8	334.3	29.40	0.000
	03:00	2.3	0.3	0.8	6.7	66.8	98.9	4.7	350.3	29.39	0.000
	04:00	2.4	0.3	0.5	5.9	66.7	99.9	4.1	340.3	29.38	0.000
	05:00	2.8	0.3	0.5	6.4	66.6	99.4	1.9	16.2	29.39	0.000
	06:00	3.0	0.3	0.5	5.1	66.5	99.1	0.7	86.4	29.40	0.000
	07:00	3.6	0.3	0.5	4.6	67.8	93.6	1.7	16.2	29.39	0.000
	08:00	1.7	0.3	0.9	3.9	70.3	81.4	1.9	321.4	29.39	0.000
	09:00	2.8	0.3	1.6	3.7	72.2	78.3	2.7	303.1	29.39	0.000
	10:00	3.8	0.3	2.0	5.9	74.4	74.6	3.8	256.4	29.39	0.000
	11:00	2.3	0.5	2.4	6.2	77.1	67.0	3.5	262.9	29.38	0.000
	12:00	1.7	0.5	2.8	6.6	79.4	59.6	3.9	268.1	29.36	0.000
	13:00	1.5	0.5	2.5	6.4	81.4	57.0	5.2	254.3	29.35	0.000
	14:00	1.3	0.5	2.5	6.2	82.8	54.4	4.5	252.4	29.34	0.000
	15:00	1.7	0.5	3.0	6.0	81.8	58.6	2.1	234.1	29.31	0.000
	16:00	2.1	0.8	3.4	6.3	84.1	53.5	1.5	280.7	29.29	0.000
	17:00	1.9	0.5	3.3	6.3	84.9	52.9	5.1	247.0	29.27	0.000
	18:00	2.6	0.5	2.9	6.0	83.7	54.2	4.2	254.7	29.27	0.000
	19:00	4.1	0.5	3.4	6.0	81.0	66.8	2.8	190.8	29.26	0.000
	20:00	11.1	0.5	2.6	5.9	78.0	76.0	2.5	166.1	29.26	0.000
21:00	9.0	0.5	2.1	6.4	76.3	82.1	2.1	200.2	29.27	0.032	
22:00	3.6	0.5	1.3	5.7	73.0	90.8	2.6	186.0	29.27	0.048	
23:00	ZS	0.5	0.5	3.6	71.5	91.0	4.7	174.8	29.27	0.000	
00:00	2.3	ZS	0.3	3.7	71.1	90.6	3.8	236.8	29.27	0.000	
Minimum		1.3	0.3	0.3	3.6	66.5	52.9	0.7	16.2	29.26	0.00
Maximum		11.1	0.8	3.4	7.1	84.9	99.9	5.2	350.3	29.40	0.05
Average (Total)		3.3	0.4	1.8	5.7	74.7	78.2	3.1	231.3	29.34	(0.08)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/02/2022	01:00	1.9	0.5	ZS	4.1	70.2	92.0	2.9	216.2	29.26	0.000
	02:00	2.6	0.5	0.3	4.2	68.9	94.3	1.6	259.5	29.24	0.000
	03:00	5.3	0.5	0.4	5.3	68.4	96.5	2.3	187.9	29.24	0.000
	04:00	6.4	0.5	0.8	5.7	69.3	97.7	3.1	190.4	29.24	0.000
	05:00	5.3	0.5	0.4	6.8	70.3	93.7	5.3	222.2	29.26	0.000
	06:00	10.3	0.5	0.4	6.5	69.9	94.3	2.5	177.8	29.27	0.000
	07:00	5.8	0.5	0.4	6.2	72.6	86.1	2.9	199.6	29.28	0.000
	08:00	5.3	0.5	1.0	7.1	76.4	75.5	4.9	231.8	29.28	0.000
	09:00	3.2	0.8	2.3	8.4	79.1	70.0	5.0	241.8	29.29	0.000
	10:00	2.8	1.0	3.4	9.8	81.7	63.6	4.8	263.6	29.29	0.000
	11:00	2.3	0.8	3.3	10.4	83.4	59.1	4.4	274.1	29.29	0.000
	12:00	2.1	0.8	3.8	10.6	84.4	55.3	5.6	266.2	29.28	0.000
	13:00	2.3	0.8	3.6	9.9	86.8	46.8	6.5	273.1	29.27	0.000
	14:00	2.1	0.8	4.1	9.8	88.4	44.0	5.6	285.4	29.27	0.000
	15:00	1.9	1.0	4.4	8.9	90.3	38.1	6.1	286.2	29.26	0.000
	16:00	3.8	1.0	3.8	7.8	89.0	35.7	6.2	300.3	29.25	0.000
	17:00	7.9	1.6	4.1	8.2	88.0	41.8	4.8	350.5	29.26	0.000
	18:00	1.7	0.8	4.0	8.5	86.2	48.1	4.5	4.1	29.27	0.000
	19:00	2.3	0.8	3.8	8.4	83.2	55.9	2.1	325.8	29.28	0.000
	20:00	3.0	0.8	3.1	8.7	80.5	58.6	3.9	332.6	29.29	0.000
21:00	5.6	0.8	2.6	8.8	75.8	69.6	2.2	312.6	29.31	0.000	
22:00	14.5	0.8	2.1	9.2	73.0	77.0	1.7	286.2	29.33	0.000	
23:00	ZS	0.8	1.8	9.0	70.6	82.9	2.0	284.0	29.34	0.000	
00:00	7.5	ZS	1.1	9.1	69.1	87.9	1.0	282.4	29.35	0.000	
Minimum		1.7	0.5	0.3	4.1	68.4	35.7	1.0	4.1	29.24	0.00
Maximum		14.5	1.6	4.4	10.6	90.3	97.7	6.5	350.5	29.35	0.00
Average (Total)		4.6	0.8	2.4	8.0	78.1	69.4	3.8	252.3	29.28	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/03/2022	01:00	16.2	0.8	ZS	9.5	69.1	86.5	0.8	104.4	29.36	0.000
	02:00	10.0	0.8	1.4	9.8	67.6	91.4	1.1	125.1	29.37	0.000
	03:00	10.5	0.8	0.3	9.8	66.8	94.4	0.3	112.3	29.37	0.000
	04:00	12.2	0.8	0.5	10.5	65.9	96.3	0.2	172.0	29.37	0.000
	05:00	14.7	0.8	0.6	10.1	65.2	97.6	0.2	117.2	29.38	0.000
	06:00	14.7	0.5	0.8	10.2	65.9	97.0	2.1	158.2	29.40	0.000
	07:00	11.5	0.5	0.6	9.6	70.0	82.8	1.2	163.2	29.41	0.000
	08:00	9.6	0.8	2.5	10.5	73.5	76.6	3.2	161.2	29.41	0.000
	09:00	7.0	1.0	3.3	9.7	76.5	71.7	3.2	161.7	29.42	0.000
	10:00	4.7	1.6	3.5	9.4	79.9	65.3	3.5	173.4	29.43	0.000
	11:00	2.4	1.6	3.9	9.5	82.5	62.3	4.5	212.2	29.43	0.000
	12:00	2.6	1.3	4.1	10.5	84.9	57.5	3.1	202.7	29.42	0.000
	13:00	2.8	1.3	4.1	10.9	86.4	55.1	5.5	180.6	29.40	0.000
	14:00	2.6	1.6	4.1	11.9	87.2	55.3	6.3	175.3	29.39	0.000
	15:00	2.4	1.3	4.0	12.1	88.0	53.9	6.8	173.9	29.37	0.000
	16:00	2.4	1.0	3.6	10.6	88.4	50.9	6.8	170.1	29.35	0.000
	17:00	2.6	1.6	4.1	11.0	87.9	51.9	6.4	175.5	29.34	0.000
	18:00	2.4	1.6	4.3	12.3	86.3	56.8	6.1	165.2	29.33	0.000
	19:00	2.3	1.3	3.9	11.7	83.9	61.3	4.4	159.2	29.33	0.000
	20:00	3.6	0.8	3.9	11.5	80.3	68.9	3.1	158.8	29.36	0.000
21:00	5.3	0.8	3.5	10.6	77.8	73.6	2.4	151.9	29.40	0.000	
22:00	5.5	0.8	3.3	11.3	75.6	78.1	2.1	143.3	29.41	0.000	
23:00	ZS	0.8	2.6	11.0	73.3	85.2	1.3	153.4	29.40	0.000	
00:00	8.5	ZS	2.1	10.8	73.9	82.5	2.2	160.6	29.40	0.000	
Minimum		2.3	0.5	0.3	9.4	65.2	50.9	0.2	104.4	29.33	0.00
Maximum		16.2	1.6	4.3	12.3	88.4	97.6	6.8	212.2	29.43	0.00
Average (Total)		6.8	1.1	2.8	10.6	77.4	73.0	3.2	159.6	29.39	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/04/2022	01:00	10.7	0.8	ZS	10.5	73.6	83.8	2.8	154.4	29.39	0.000
	02:00	9.0	0.8	1.9	10.8	71.9	86.6	2.0	151.2	29.39	0.000
	03:00	8.1	0.5	1.3	10.7	71.1	87.0	2.3	204.6	29.39	0.000
	04:00	11.8	0.8	2.6	10.5	71.7	84.9	2.7	163.1	29.40	0.000
	05:00	13.9	0.5	1.6	10.5	70.7	87.6	2.5	167.5	29.40	0.000
	06:00	10.9	0.8	1.6	10.5	70.6	88.2	2.0	180.6	29.42	0.000
	07:00	9.0	0.8	3.3	10.9	73.9	79.3	1.4	174.2	29.43	0.000
	08:00	7.0	0.8	3.9	11.0	76.9	73.8	0.7	157.2	29.44	0.000
	09:00	6.2	0.8	5.1	11.6	80.8	66.8	0.9	264.4	29.44	0.000
	10:00	4.9	1.0	6.8	12.0	84.3	62.0	1.3	148.5	29.45	0.000
	11:00	3.8	1.3	6.1	11.4	87.4	57.6	2.1	175.2	29.45	0.000
	12:00	3.2	1.3	6.0	11.3	89.5	55.3	2.8	170.7	29.44	0.000
	13:00	3.0	1.3	5.1	11.6	91.5	52.3	3.1	121.4	29.43	0.000
	14:00	2.4	1.0	4.9	11.8	91.7	52.5	5.5	157.8	29.41	0.000
	15:00	1.9	0.8	5.4	10.8	91.1	54.0	6.5	171.4	29.40	0.000
	16:00	2.4	0.5	2.3	6.9	77.6	68.5	9.2	307.8	29.44	0.593
	17:00	1.9	0.5	1.0	4.0	70.4	89.1	4.0	121.3	29.45	0.128
	18:00	9.6	0.8	1.0	4.6	70.9	94.4	4.1	317.2	29.45	0.000
	19:00	7.0	0.5	0.9	4.4	71.9	92.0	3.3	26.8	29.47	0.004
	20:00	5.1	0.5	0.6	4.6	71.0	94.2	1.2	252.5	29.48	0.000
21:00	5.3	0.5	0.9	5.0	70.7	94.9	4.7	144.7	29.50	0.000	
22:00	3.2	0.5	1.4	5.5	70.6	92.3	2.4	132.7	29.50	0.000	
23:00	ZS	0.8	1.0	6.1	70.1	92.2	1.9	238.5	29.51	0.000	
00:00	3.9	ZS	0.4	6.0	70.0	93.6	0.9	93.9	29.51	0.000	
Minimum		1.9	0.5	0.4	4.0	70.0	52.3	0.7	26.8	29.39	0.00
Maximum		13.9	1.3	6.8	12.0	91.7	94.9	9.2	317.2	29.51	0.59
Average (Total)		6.3	0.8	2.8	8.9	76.7	78.4	2.9	174.9	29.44	(0.73)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/05/2022	01:00	4.5	0.5	ZS	6.6	70.1	93.8	1.1	329.5	29.51	0.036
	02:00	3.2	0.5	0.8	6.2	70.2	94.7	4.9	180.6	29.51	0.048
	03:00	3.0	0.5	0.9	4.3	69.8	93.7	3.0	191.8	29.50	0.056
	04:00	3.4	0.5	0.6	4.7	69.5	94.3	2.0	268.0	29.50	0.000
	05:00	7.0	0.5	0.0	4.9	69.3	94.5	1.2	206.5	29.50	0.000
	06:00	7.0	0.3	-0.1	5.2	69.3	94.6	3.0	126.5	29.51	0.004
	07:00	6.6	0.5	0.3	5.5	70.0	93.6	0.9	130.1	29.52	0.000
	08:00	8.8	0.5	1.1	5.4	71.5	90.3	2.1	177.6	29.54	0.000
	09:00	6.6	0.5	1.5	5.0	73.8	84.0	0.8	183.0	29.55	0.000
	10:00	5.8	0.5	3.1	5.4	77.1	74.6	1.3	288.6	29.55	0.000
	11:00	3.4	0.8	3.6	6.3	79.5	72.2	0.8	50.1	29.56	0.000
	12:00	1.3	0.8	4.1	7.0	83.6	64.7	1.2	25.1	29.56	0.000
	13:00	1.9	0.8	3.6	7.1	84.8	65.0	2.3	107.1	29.54	0.000
	14:00	0.9	0.5	3.3	6.7	85.7	64.7	2.4	116.3	29.52	0.000
	15:00	0.2	0.5	1.8	6.0	85.4	62.5	1.6	66.2	29.51	0.000
	16:00	0.9	0.5	2.6	6.6	83.8	66.4	5.0	220.6	29.51	0.000
	17:00	1.3	0.5	2.1	4.7	74.9	85.0	4.8	271.5	29.53	0.004
	18:00	4.1	0.3	1.8	4.4	74.4	90.3	1.5	206.2	29.53	0.004
	19:00	5.5	0.3	1.0	4.1	74.7	90.0	2.6	174.7	29.54	0.000
	20:00	4.3	0.3	1.6	3.8	73.5	90.1	3.0	177.3	29.55	0.000
21:00	3.9	0.5	1.5	3.9	72.8	89.7	1.8	188.8	29.58	0.000	
22:00	10.5	0.3	1.8	4.5	72.4	93.0	1.3	96.5	29.57	0.000	
23:00	ZS	0.5	0.8	5.0	71.3	95.9	0.2	124.8	29.57	0.000	
00:00	4.1	ZS	0.4	5.7	70.9	97.4	0.9	231.0	29.56	0.000	
Minimum		0.2	0.3	-0.1	3.8	69.3	62.5	0.2	25.1	29.50	0.00
Maximum		10.5	0.8	4.1	7.1	85.7	97.4	5.0	329.5	29.58	0.06
Average (Total)		4.3	0.5	1.7	5.4	74.9	84.8	2.1	172.4	29.53	(0.15)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/06/2022	01:00	2.8	0.5	ZS	5.6	71.1	97.8	2.6	234.5	29.54	0.000
	02:00	2.4	0.5	1.0	5.6	70.7	98.3	2.1	184.1	29.55	0.000
	03:00	2.8	0.5	0.5	5.7	69.9	99.0	3.1	107.0	29.55	0.000
	04:00	2.1	0.5	0.8	5.5	70.1	99.9	2.9	139.7	29.55	0.000
	05:00	2.3	0.5	0.6	5.8	69.7	100.0	0.9	142.1	29.56	0.000
	06:00	3.9	0.5	0.4	5.6	70.0	99.9	0.3	333.4	29.57	0.000
	07:00	6.6	0.5	0.5	5.4	71.0	99.1	1.1	149.8	29.59	0.000
	08:00	3.0	0.5	1.8	5.4	73.8	91.3	3.6	151.2	29.61	0.000
	09:00	1.9	0.5	2.0	5.3	75.4	84.8	3.5	185.7	29.62	0.000
	10:00	1.7	0.5	2.8	5.1	78.4	75.1	3.0	170.9	29.61	0.000
	11:00	1.3	0.5	3.1	5.5	81.1	72.6	4.1	121.3	29.60	0.000
	12:00	1.5	0.5	3.3	5.5	81.6	74.1	4.7	108.4	29.60	0.000
	13:00	1.1	0.5	3.1	5.6	82.5	71.3	6.1	123.0	29.59	0.000
	14:00	0.8	0.5	3.1	5.7	84.8	62.6	4.6	159.5	29.57	0.000
	15:00	0.8	0.8	3.4	5.7	85.6	61.5	4.2	162.8	29.55	0.000
	16:00	0.4	0.8	3.6	6.0	86.4	64.9	5.7	139.7	29.53	0.000
	17:00	0.9	0.5	3.5	6.0	85.9	66.4	6.4	157.8	29.53	0.000
	18:00	1.7	0.5	3.9	5.6	82.3	71.5	4.7	157.0	29.52	0.000
	19:00	3.8	0.5	3.8	5.3	80.8	75.2	4.0	155.4	29.52	0.000
	20:00	3.6	0.8	2.5	5.4	79.7	77.2	3.9	170.1	29.54	0.000
21:00	3.2	0.5	2.5	5.6	78.8	81.3	3.2	192.5	29.56	0.000	
22:00	6.4	0.5	2.0	6.0	77.7	83.4	2.8	193.1	29.57	0.000	
23:00	ZS	0.5	2.0	6.0	76.3	83.5	2.7	174.9	29.58	0.000	
00:00	5.3	ZS	1.8	5.4	75.3	82.5	4.4	186.2	29.57	0.000	
Minimum		0.4	0.5	0.4	5.1	69.7	61.5	0.3	107.0	29.52	0.00
Maximum		6.6	0.8	3.9	6.0	86.4	100.0	6.4	333.4	29.62	0.00
Average (Total)		2.6	0.5	2.3	5.6	77.5	82.2	3.5	166.7	29.57	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/07/2022	01:00	5.3	0.5	ZS	5.3	73.8	84.5	4.0	154.2	29.56	0.000
	02:00	3.6	0.5	1.1	5.9	73.6	84.4	4.1	195.1	29.56	0.000
	03:00	3.4	0.5	1.0	6.0	72.6	86.4	2.8	198.6	29.55	0.000
	04:00	3.8	0.5	1.4	5.8	72.1	87.2	4.2	180.3	29.56	0.000
	05:00	4.3	0.5	1.3	5.8	71.3	87.5	2.8	179.3	29.56	0.000
	06:00	4.7	0.5	0.9	5.8	70.7	89.8	2.9	154.2	29.57	0.000
	07:00	3.4	0.8	1.1	5.7	72.7	86.0	4.2	179.8	29.58	0.000
	08:00	2.1	0.8	1.9	5.4	75.2	80.5	5.0	186.6	29.58	0.000
	09:00	1.7	0.8	2.6	5.2	79.1	73.0	4.1	194.4	29.57	0.000
	10:00	1.3	0.8	2.9	5.3	82.5	69.0	5.3	188.5	29.57	0.000
	11:00	1.3	0.8	3.5	5.4	85.5	63.5	4.8	211.3	29.56	0.000
	12:00	1.1	0.8	3.9	5.4	87.0	58.9	5.4	215.1	29.55	0.000
	13:00	0.9	0.8	4.0	5.2	88.5	56.4	5.1	178.2	29.53	0.000
	14:00	0.8	0.5	4.0	5.3	88.6	57.7	5.9	152.9	29.51	0.000
	15:00	0.9	0.5	3.5	5.6	88.9	57.2	6.9	165.5	29.49	0.000
	16:00	1.3	0.8	4.1	6.3	87.4	62.9	4.8	175.8	29.47	0.000
	17:00	1.1	0.8	4.4	6.6	88.2	60.4	7.4	165.2	29.46	0.000
	18:00	2.8	0.8	4.1	7.0	84.5	66.6	3.3	175.2	29.46	0.000
	19:00	1.9	0.5	2.8	5.0	77.0	84.1	5.7	14.3	29.48	0.080
	20:00	2.1	0.5	2.3	5.2	75.5	90.5	3.3	166.5	29.48	0.024
21:00	4.3	0.5	1.1	4.6	74.1	92.1	1.8	191.7	29.48	0.000	
22:00	4.9	0.3	0.9	4.2	73.2	92.9	2.6	206.2	29.49	0.000	
23:00	ZS	0.3	0.5	4.4	72.7	93.3	0.5	122.4	29.49	0.000	
00:00	5.1	ZS	0.4	5.0	71.3	97.8	1.7	130.0	29.48	0.000	
Minimum		0.8	0.3	0.4	4.2	70.7	56.4	0.5	14.3	29.46	0.00
Maximum		5.3	0.8	4.4	7.0	88.9	97.8	7.4	215.1	29.58	0.08
Average (Total)		2.7	0.6	2.3	5.5	78.6	77.6	4.1	170.1	29.52	(0.10)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/08/2022	01:00	5.6	0.5	ZS	5.2	71.7	97.5	1.9	165.8	29.46	0.000
	02:00	7.5	0.5	0.6	4.9	71.5	96.6	2.1	160.7	29.46	0.000
	03:00	6.0	0.5	0.9	4.9	71.2	97.4	2.1	159.5	29.45	0.000
	04:00	5.3	0.5	0.6	5.2	70.8	97.6	0.9	216.9	29.45	0.004
	05:00	8.8	0.5	0.8	5.4	70.2	98.1	1.2	134.2	29.45	0.000
	06:00	10.0	0.5	0.6	6.0	70.2	98.3	1.8	155.1	29.45	0.000
	07:00	7.3	0.8	0.6	5.4	73.4	89.7	2.0	214.3	29.46	0.000
	08:00	4.7	0.5	2.8	5.6	76.9	80.0	2.4	205.8	29.46	0.000
	09:00	4.3	0.8	4.1	6.2	80.4	73.1	2.4	192.2	29.45	0.000
	10:00	3.0	1.0	4.9	6.7	83.8	66.4	3.1	216.9	29.44	0.000
	11:00	RC	1.0	4.9	6.7	86.0	63.2	4.4	212.3	29.44	0.000
	12:00	RC	1.0	5.3	6.9	87.6	60.9	5.1	195.9	29.42	0.000
	13:00	RC	0.8	5.3	7.0	88.7	58.7	5.6	188.4	29.41	0.000
	14:00	RC	1.0	5.9	7.2	90.0	56.0	6.2	196.3	29.39	0.000
	15:00	2.1	1.0	5.6	6.8	89.9	55.6	6.9	198.4	29.37	0.000
	16:00	2.4	0.8	4.3	6.1	84.7	62.4	1.6	71.0	29.37	0.000
	17:00	2.6	0.8	2.1	4.7	81.7	65.3	2.2	119.3	29.34	0.000
	18:00	2.6	0.8	2.5	4.6	84.0	66.8	2.8	121.7	29.33	0.000
	19:00	4.1	0.8	3.3	4.7	83.3	73.1	2.9	130.2	29.32	0.000
	20:00	6.8	0.8	2.9	5.4	81.6	79.1	2.9	162.1	29.33	0.000
21:00	11.3	1.0	3.6	6.1	80.2	80.3	3.3	174.6	29.34	0.000	
22:00	16.2	1.0	3.4	6.5	79.1	81.5	3.9	191.1	29.34	0.000	
23:00	ZS	1.0	3.3	6.6	78.0	82.9	3.3	229.9	29.35	0.000	
00:00	7.5	ZS	2.5	5.8	76.7	85.3	3.4	209.0	29.36	0.000	
Minimum		2.1	0.5	0.6	4.6	70.2	55.6	0.9	71.0	29.32	0.00
Maximum		16.2	1.0	5.9	7.2	90.0	98.3	6.9	229.9	29.46	0.00
Average (Total)		6.2	0.8	3.1	5.9	79.6	77.7	3.1	175.9	29.40	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/09/2022	01:00	7.9	2.4	ZS	6.1	76.1	85.4	4.7	186.1	29.36	0.000
	02:00	7.5	1.3	3.0	6.1	75.0	87.2	4.1	182.5	29.34	0.000
	03:00	8.5	1.3	2.3	5.9	75.4	84.7	4.9	212.1	29.35	0.000
	04:00	10.5	1.0	2.1	5.8	74.6	86.9	5.0	201.0	29.35	0.000
	05:00	11.7	0.8	2.1	6.2	73.8	87.8	2.7	191.6	29.35	0.000
	06:00	12.2	1.0	1.4	6.2	72.2	92.3	1.8	154.2	29.36	0.000
	07:00	10.3	1.0	2.5	7.4	75.6	83.7	2.6	172.7	29.37	0.000
	08:00	7.5	1.3	3.0	7.2	79.7	75.1	4.4	208.9	29.38	0.000
	09:00	4.5	1.0	4.8	6.3	83.4	68.8	5.7	215.0	29.38	0.000
	10:00	5.8	1.3	6.4	7.7	86.2	64.2	5.6	219.3	29.38	0.000
	11:00	5.1	1.3	6.5	9.3	88.7	59.3	6.1	250.7	29.38	0.000
	12:00	2.1	1.3	6.3	9.5	90.4	55.1	5.5	251.3	29.37	0.000
	13:00	2.3	1.3	5.8	10.8	91.7	52.7	6.7	236.2	29.36	0.000
	14:00	3.8	1.0	5.8	9.8	92.3	49.6	7.2	228.6	29.34	0.000
	15:00	3.2	1.0	5.8	8.6	92.0	51.0	4.0	220.6	29.33	0.000
	16:00	2.6	1.0	6.3	8.1	90.8	57.0	6.2	198.0	29.31	0.000
	17:00	2.6	1.0	6.6	7.4	91.0	57.1	5.4	184.7	29.31	0.000
	18:00	3.6	1.0	4.8	7.8	81.6	74.7	3.0	81.6	29.32	0.349
	19:00	3.4	0.8	3.0	6.8	76.9	83.8	4.3	167.0	29.36	0.008
	20:00	4.5	0.8	1.8	7.1	74.3	91.9	1.4	211.3	29.38	0.000
21:00	5.6	0.8	1.0	7.1	73.8	95.1	0.1	60.7	29.39	0.000	
22:00	7.9	0.8	1.0	7.3	73.3	97.2	1.3	175.5	29.39	0.000	
23:00	ZS	0.8	0.4	7.5	73.5	94.9	0.1	190.9	29.40	0.000	
00:00	6.4	ZS	0.5	8.0	72.7	95.2	0.6	108.5	29.42	0.000	
Minimum		2.1	0.8	0.4	5.8	72.2	49.6	0.1	60.7	29.31	0.00
Maximum		12.2	2.4	6.6	10.8	92.3	97.2	7.2	251.3	29.42	0.35
Average (Total)		6.1	1.1	3.6	7.5	80.6	76.3	3.9	187.9	29.36	(0.36)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/10/2022	01:00	6.4	1.3	ZS	8.3	72.0	95.6	1.2	150.0	29.42	0.000
	02:00	5.3	1.0	0.8	8.7	72.0	95.5	0.4	179.5	29.42	0.000
	03:00	6.0	1.0	0.3	9.4	71.5	96.4	0.9	214.7	29.42	0.000
	04:00	5.6	1.3	0.6	9.1	71.5	96.9	0.5	214.3	29.42	0.000
	05:00	7.3	1.0	0.8	9.9	71.8	97.6	0.4	207.9	29.43	0.000
	06:00	8.1	1.3	0.6	9.1	72.2	97.4	1.6	217.1	29.45	0.000
	07:00	7.9	1.3	0.6	9.4	73.4	94.8	0.8	176.9	29.46	0.000
	08:00	6.8	1.0	1.4	9.2	76.1	85.2	1.0	267.4	29.46	0.000
	09:00	7.5	2.6	2.9	9.5	80.1	71.3	2.0	5.9	29.46	0.000
	10:00	7.1	3.7	3.9	10.3	82.6	67.8	1.5	337.3	29.46	0.000
	11:00	7.3	2.9	5.3	11.4	84.2	67.0	2.9	24.4	29.46	0.000
	12:00	5.3	2.1	4.6	11.7	84.1	67.3	2.7	51.0	29.45	0.000
	13:00	4.3	1.6	4.8	11.3	86.5	63.8	3.3	85.4	29.42	0.000
	14:00	2.6	1.3	4.6	11.5	85.1	71.1	2.0	19.5	29.40	0.136
	15:00	5.5	0.5	1.3	5.6	71.3	92.3	3.8	232.0	29.40	0.356
	16:00	7.0	0.5	1.1	4.2	70.2	92.3	3.3	214.5	29.39	0.024
	17:00	9.2	0.8	1.0	3.6	70.6	94.1	2.6	185.3	29.39	0.028
	18:00	10.2	0.5	0.9	4.0	70.9	97.4	1.8	176.3	29.40	0.004
	19:00	6.4	0.8	0.6	3.9	71.3	98.1	1.5	174.9	29.40	0.016
	20:00	6.4	0.5	0.8	4.1	71.3	98.3	3.6	212.9	29.40	0.040
21:00	7.0	0.8	0.8	3.7	71.2	98.0	6.2	219.0	29.40	0.116	
22:00	3.2	0.8	0.9	3.1	70.1	97.8	2.8	245.0	29.40	0.056	
23:00	ZS	0.5	0.8	3.3	70.1	98.9	2.7	164.2	29.39	0.004	
00:00	3.6	ZS	0.5	3.5	70.5	99.1	3.1	217.7	29.39	0.000	
Minimum		2.6	0.5	0.3	3.1	70.1	63.8	0.4	5.9	29.39	0.00
Maximum		10.2	3.7	5.3	11.7	86.5	99.1	6.2	337.3	29.46	0.36
Average (Total)		6.3	1.3	1.7	7.4	74.6	88.9	2.2	174.7	29.42	(0.78)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/11/2022	01:00	4.9	0.8	ZS	4.0	70.6	99.1	2.5	250.0	29.38	0.000
	02:00	6.4	0.8	0.3	4.4	70.5	99.1	0.1	205.6	29.36	0.000
	03:00	10.0	0.8	0.4	5.0	70.3	99.4	1.7	257.2	29.36	0.000
	04:00	7.1	0.8	0.5	5.2	70.3	96.7	0.8	257.5	29.36	0.040
	05:00	8.8	1.0	0.4	6.2	70.7	95.0	2.7	278.8	29.36	0.064
	06:00	9.6	0.8	0.5	6.7	70.6	91.9	2.8	255.5	29.37	0.004
	07:00	10.2	1.3	0.9	6.5	71.2	88.8	3.5	297.3	29.38	0.000
	08:00	7.1	3.1	1.8	7.9	72.7	83.9	4.7	323.0	29.38	0.000
	09:00	2.6	2.6	2.6	7.2	75.2	67.3	7.6	337.8	29.38	0.000
	10:00	3.8	3.1	3.1	7.7	76.9	57.5	7.6	318.3	29.38	0.000
	11:00	1.9	2.6	3.4	6.5	79.0	47.1	7.9	336.9	29.38	0.000
	12:00	3.4	3.1	3.9	6.9	80.2	47.7	6.3	319.3	29.37	0.000
	13:00	2.3	2.4	3.9	6.4	82.8	41.1	6.4	336.6	29.36	0.000
	14:00	3.0	1.8	4.6	6.2	84.4	40.9	7.1	344.7	29.35	0.000
	15:00	2.6	2.1	4.9	6.7	85.1	41.8	6.7	339.9	29.33	0.000
	16:00	1.9	1.8	4.8	7.6	85.8	41.5	5.9	346.2	29.32	0.000
	17:00	3.2	1.8	4.5	8.3	85.0	42.8	4.7	334.1	29.31	0.000
	18:00	6.4	3.1	5.0	9.0	83.9	46.1	3.3	304.8	29.30	0.000
	19:00	4.1	2.6	3.6	10.8	79.3	56.3	6.4	335.9	29.32	0.000
	20:00	4.3	1.8	2.6	10.2	76.1	61.3	5.4	325.6	29.34	0.000
21:00	1.7	1.6	2.1	7.5	69.6	75.7	2.8	336.1	29.37	0.172	
22:00	2.8	1.6	0.8	8.0	67.5	90.0	1.2	239.1	29.37	0.004	
23:00	ZS	1.6	0.9	7.9	68.1	90.9	2.5	244.9	29.38	0.000	
00:00	4.9	ZS	1.1	8.0	67.8	89.0	2.8	264.9	29.37	0.000	
Minimum		1.7	0.8	0.3	4.0	67.5	40.9	0.1	205.6	29.30	0.00
Maximum		10.2	3.1	5.0	10.8	85.8	99.4	7.9	346.2	29.38	0.17
Average (Total)		4.9	1.9	2.5	7.1	75.6	70.5	4.3	299.6	29.36	(0.28)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/12/2022	01:00	6.8	2.6	ZS	8.0	68.7	81.0	4.0	315.5	29.37	0.000
	02:00	4.3	2.9	1.4	7.2	68.7	73.3	4.0	323.0	29.37	0.000
	03:00	4.5	2.6	1.8	6.5	67.5	73.4	3.0	323.7	29.39	0.000
	04:00	8.3	1.8	0.9	7.0	64.3	81.9	0.7	337.0	29.39	0.000
	05:00	10.5	1.8	1.4	7.2	62.5	81.8	2.3	331.3	29.40	0.000
	06:00	5.1	1.6	1.6	6.9	62.5	78.2	2.6	345.5	29.42	0.000
	07:00	4.3	1.6	2.4	6.3	64.1	73.6	5.4	356.3	29.43	0.000
	08:00	3.2	1.6	2.0	5.6	67.6	65.2	5.5	349.1	29.44	0.000
	09:00	3.8	1.6	2.8	5.1	71.2	57.3	7.0	348.8	29.45	0.000
	10:00	2.3	1.6	3.4	5.0	74.3	53.7	7.2	352.2	29.45	0.000
	11:00	1.3	1.6	3.6	4.8	76.9	45.5	7.6	351.9	29.46	0.000
	12:00	1.3	1.3	3.3	4.3	78.9	40.7	7.7	1.1	29.45	0.000
	13:00	0.4	1.3	2.9	3.8	80.9	36.8	6.3	0.9	29.45	0.000
	14:00	0.2	1.6	3.3	3.7	81.0	35.4	6.6	340.7	29.43	0.000
	15:00	1.1	1.3	3.3	3.6	81.5	32.9	6.9	355.8	29.42	0.000
	16:00	2.6	1.6	3.0	3.5	81.8	30.4	7.0	353.4	29.42	0.000
	17:00	0.2	1.6	3.4	3.4	81.4	31.8	6.1	346.3	29.42	0.000
	18:00	2.1	1.6	3.3	3.2	80.0	32.1	4.9	342.5	29.42	0.000
	19:00	4.7	1.6	3.8	3.5	76.2	41.8	2.5	310.0	29.42	0.000
	20:00	18.6	1.6	4.5	6.1	66.4	73.6	0.3	243.0	29.43	0.000
21:00	13.2	1.8	3.0	4.8	63.3	77.1	0.1	250.7	29.45	0.000	
22:00	10.5	1.8	2.3	7.0	61.4	78.4	0.2	135.1	29.46	0.000	
23:00	ZS	1.8	3.0	12.0	59.7	79.2	0.4	145.7	29.47	0.000	
00:00	19.6	ZS	1.9	11.1	58.1	84.0	0.2	246.4	29.48	0.000	
Minimum		0.2	1.3	0.9	3.2	58.1	30.4	0.1	0.9	29.37	0.00
Maximum		19.6	2.9	4.5	12.0	81.8	84.0	7.7	356.3	29.48	0.00
Average (Total)		5.6	1.7	2.7	5.8	70.8	60.0	4.1	283.6	29.43	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/13/2022	01:00	12.4	1.6	ZS	8.2	56.9	89.6	0.1	135.8	29.49	0.000
	02:00	8.6	1.6	2.0	7.1	56.2	89.4	0.6	343.9	29.49	0.000
	03:00	7.5	1.6	1.8	5.9	55.5	92.8	0.4	331.8	29.51	0.000
	04:00	7.0	1.8	1.6	5.4	54.6	93.6	0.6	300.9	29.52	0.000
	05:00	7.1	1.6	1.6	4.9	52.9	94.9	0.3	164.4	29.53	0.000
	06:00	8.6	1.6	1.5	4.8	52.4	95.5	0.0	123.8	29.54	0.000
	07:00	7.5	1.8	1.1	5.0	57.8	74.0	0.0	117.2	29.55	0.000
	08:00	8.6	1.8	2.4	4.6	63.1	60.6	2.2	53.9	29.55	0.000
	09:00	2.8	1.6	2.9	4.0	67.7	52.7	2.6	11.2	29.55	0.000
	10:00	1.3	1.6	2.6	3.8	72.2	44.0	2.4	9.3	29.55	0.000
	11:00	1.1	1.6	2.8	3.6	74.8	36.9	3.1	19.4	29.55	0.000
	12:00	0.6	1.6	2.5	3.5	76.5	34.9	2.3	16.7	29.54	0.000
	13:00	0.8	1.6	2.8	3.9	77.9	34.1	2.1	351.4	29.51	0.000
	14:00	0.8	1.6	2.9	3.7	79.1	32.7	2.5	44.8	29.50	0.000
	15:00	1.1	1.8	2.8	3.8	80.6	28.9	2.2	6.3	29.47	0.000
	16:00	1.1	2.4	3.3	3.8	79.9	30.5	1.3	74.1	29.46	0.000
	17:00	1.9	2.9	3.8	3.7	78.1	33.3	2.5	151.5	29.45	0.000
	18:00	2.4	2.6	3.4	3.6	75.0	43.1	2.2	143.9	29.45	0.000
	19:00	7.7	2.4	3.1	4.5	70.9	58.0	2.2	149.2	29.45	0.000
	20:00	16.0	2.4	2.8	7.8	67.1	65.6	2.4	168.6	29.45	0.000
21:00	14.7	2.1	3.3	7.9	64.7	67.6	1.6	163.5	29.46	0.000	
22:00	10.0	1.8	3.0	7.4	62.2	71.8	0.8	257.5	29.46	0.000	
23:00	ZS	1.8	3.0	8.1	62.4	76.7	0.6	170.6	29.45	0.000	
00:00	8.1	ZS	3.0	7.7	62.6	77.8	0.5	162.0	29.46	0.000	
Minimum		0.6	1.6	1.1	3.5	52.4	28.9	0.0	6.3	29.45	0.00
Maximum		16.0	2.9	3.8	8.2	80.6	95.5	3.1	351.4	29.55	0.00
Average (Total)		6.0	1.9	2.6	5.3	66.7	61.6	1.5	144.7	29.50	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/14/2022	01:00	13.2	1.8	ZS	7.4	62.4	83.0	2.0	134.3	29.45	0.000
	02:00	16.0	1.8	1.5	8.6	62.4	82.7	2.5	121.6	29.44	0.000
	03:00	16.0	1.8	1.5	7.9	62.4	84.2	1.3	130.6	29.42	0.000
	04:00	11.7	1.8	1.8	6.7	61.1	85.6	0.4	164.5	29.42	0.000
	05:00	8.3	1.8	1.0	6.3	59.3	90.4	1.8	81.5	29.42	0.000
	06:00	7.1	1.6	0.6	7.2	57.7	95.1	1.4	127.2	29.43	0.000
	07:00	5.8	1.8	1.4	6.4	63.2	77.6	1.6	167.4	29.42	0.000
	08:00	3.6	1.8	2.8	5.5	68.2	67.3	2.7	133.0	29.41	0.000
	09:00	1.9	1.6	3.6	4.6	71.5	61.0	2.6	115.4	29.41	0.000
	10:00	0.9	1.6	3.1	4.4	74.8	56.1	5.8	163.3	29.41	0.000
	11:00	1.3	1.8	3.3	4.4	76.6	53.7	6.8	166.2	29.40	0.000
	12:00	0.6	1.8	3.5	4.6	77.5	52.9	7.8	164.0	29.39	0.000
	13:00	0.6	1.8	3.1	4.6	78.3	51.3	8.6	166.9	29.39	0.000
	14:00	1.5	2.1	3.3	4.8	76.5	53.5	8.0	171.0	29.38	0.000
	15:00	2.3	2.1	3.4	5.0	74.2	61.2	5.1	174.5	29.38	0.000
	16:00	3.8	2.1	3.1	4.8	71.8	74.5	2.7	178.6	29.38	0.000
	17:00	3.9	1.8	2.6	4.9	70.9	81.5	3.0	161.0	29.38	0.008
	18:00	3.9	1.8	1.8	5.2	68.5	86.9	4.7	175.2	29.38	0.008
	19:00	5.1	1.8	0.6	5.4	67.3	90.5	1.0	181.1	29.38	0.016
	20:00	4.3	1.8	0.6	5.7	66.4	94.9	2.5	145.1	29.38	0.020
21:00	3.8	1.6	0.0	5.8	66.2	95.7	0.8	260.8	29.40	0.024	
22:00	3.2	1.6	1.1	5.4	65.2	96.2	1.6	157.6	29.40	0.096	
23:00	ZS	1.6	1.8	5.4	64.0	97.5	2.9	94.0	29.40	0.004	
00:00	2.8	ZS	1.1	5.2	63.7	98.3	2.5	88.1	29.39	0.000	
Minimum		0.6	1.6	0.0	4.4	57.7	51.3	0.4	81.5	29.38	0.00
Maximum		16.0	2.1	3.6	8.6	78.3	98.3	8.6	260.8	29.45	0.10
Average (Total)		5.3	1.8	2.0	5.7	67.9	78.0	3.3	151.0	29.40	(0.18)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/15/2022	01:00	6.2	1.6	ZS	4.9	63.6	97.8	1.9	89.7	29.37	0.000
	02:00	14.3	1.6	1.6	5.2	63.6	97.5	1.9	105.0	29.36	0.000
	03:00	16.7	1.6	1.8	5.4	64.0	96.1	3.4	106.9	29.35	0.000
	04:00	4.5	1.6	1.5	5.3	64.2	95.4	3.4	117.1	29.34	0.000
	05:00	3.0	1.6	1.1	5.4	64.3	96.0	3.4	111.3	29.34	0.000
	06:00	3.2	1.6	1.4	5.6	64.4	96.7	2.9	109.6	29.34	0.000
	07:00	4.9	1.6	1.4	5.7	64.7	97.1	2.4	103.1	29.34	0.000
	08:00	6.2	1.8	0.9	5.2	65.3	95.0	3.8	106.4	29.35	0.000
	09:00	7.0	1.6	1.3	5.4	64.9	95.4	4.0	93.5	29.35	0.000
	10:00	5.6	1.6	1.4	5.2	65.1	95.9	4.0	105.8	29.36	0.008
	11:00	4.9	1.6	1.6	4.8	66.0	93.9	5.0	111.7	29.36	0.004
	12:00	4.3	1.6	2.0	5.2	67.1	88.3	5.1	127.4	29.35	0.000
	13:00	7.9	1.6	1.9	5.3	66.5	91.2	3.3	160.6	29.36	0.000
	14:00	4.9	1.6	1.8	4.8	66.7	83.7	4.7	172.3	29.36	0.000
	15:00	3.8	1.6	1.8	4.8	66.7	82.9	3.5	178.2	29.35	0.004
	16:00	4.7	1.6	1.6	4.8	64.8	85.2	4.7	175.6	29.35	0.088
	17:00	3.2	1.6	0.8	5.0	63.1	94.7	3.1	178.2	29.36	0.120
	18:00	2.8	1.6	1.1	4.6	64.4	91.6	1.5	232.6	29.35	0.000
	19:00	4.5	1.6	0.9	4.7	64.1	93.6	1.6	27.4	29.35	0.000
	20:00	3.6	1.6	0.5	5.0	63.7	96.5	1.7	38.6	29.36	0.000
21:00	1.9	1.6	0.8	5.0	62.9	98.2	1.5	58.5	29.38	0.000	
22:00	3.9	1.6	0.4	5.3	62.6	98.5	0.5	163.2	29.38	0.000	
23:00	ZS	1.6	0.6	6.0	62.6	98.7	1.7	299.7	29.39	0.004	
00:00	3.6	ZS	0.5	6.6	62.9	99.0	2.5	358.9	29.38	0.024	
Minimum		1.9	1.6	0.4	4.6	62.6	82.9	0.5	27.4	29.34	0.00
Maximum		16.7	1.8	2.0	6.6	67.1	99.0	5.1	358.9	29.39	0.12
Average (Total)		5.5	1.6	1.2	5.2	64.5	94.1	3.0	138.8	29.36	(0.25)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/16/2022	01:00	3.0	1.8	ZS	6.1	62.6	99.2	3.0	6.8	29.37	0.000
	02:00	7.7	1.6	0.4	6.8	62.4	99.4	2.4	26.8	29.38	0.000
	03:00	13.0	1.6	0.6	7.2	62.3	98.4	2.0	44.5	29.38	0.004
	04:00	15.0	1.6	0.6	7.4	62.2	97.7	2.2	15.6	29.37	0.008
	05:00	10.2	1.6	0.4	8.5	62.3	98.4	0.9	343.0	29.37	0.004
	06:00	12.8	1.6	0.3	9.2	62.1	99.4	2.4	243.3	29.37	0.000
	07:00	12.2	1.8	0.1	8.8	62.3	99.5	1.0	201.2	29.38	0.000
	08:00	10.0	1.8	1.1	8.0	63.3	98.0	0.5	129.4	29.39	0.000
	09:00	12.0	1.8	1.4	9.2	65.5	89.5	1.3	296.0	29.39	0.000
	10:00	6.8	1.8	2.0	8.9	69.0	78.1	0.6	332.9	29.40	0.000
	11:00	5.1	1.8	1.9	8.0	70.9	68.1	1.1	93.4	29.41	0.004
	12:00	4.5	1.8	2.5	7.1	73.1	61.7	2.2	41.5	29.40	0.000
	13:00	3.0	1.8	2.9	6.4	76.4	52.3	2.2	36.2	29.40	0.000
	14:00	3.2	1.8	3.4	5.7	77.1	49.1	2.1	101.4	29.39	0.000
	15:00	1.9	1.8	3.0	5.5	78.9	46.1	1.0	19.5	29.37	0.000
	16:00	2.1	1.8	2.5	5.4	79.7	44.3	4.3	55.6	29.35	0.000
	17:00	1.7	1.8	2.5	5.2	80.0	40.4	5.3	60.9	29.34	0.000
	18:00	2.1	1.8	2.6	5.4	78.3	43.9	3.8	63.7	29.35	0.000
	19:00	5.5	2.1	2.5	6.0	73.4	57.9	1.9	62.2	29.36	0.000
	20:00	21.2	2.1	2.3	6.7	66.0	79.4	0.9	108.5	29.37	0.000
21:00	15.0	1.8	1.6	6.8	63.7	82.6	0.6	81.9	29.38	0.000	
22:00	12.6	2.1	0.9	7.2	61.8	85.2	0.0	199.0	29.39	0.000	
23:00	12.4	1.8	0.6	7.5	60.3	89.7	0.4	251.9	29.39	0.000	
00:00	13.5	2.1	0.3	8.7	58.8	93.1	0.2	287.2	29.40	0.000	
Minimum		1.7	1.6	0.1	5.2	58.8	40.4	0.0	6.8	29.34	0.00
Maximum		21.2	2.1	3.4	9.2	80.0	99.5	5.3	343.0	29.41	0.01
Average (Total)		8.6	1.8	1.6	7.1	68.0	77.2	1.8	129.3	29.38	(0.02)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/17/2022	01:00	22.2	2.4	0.5	10.0	58.1	93.2	0.2	193.6	29.39	0.000
	02:00	15.6	2.1	0.9	10.8	57.2	92.5	0.3	137.1	29.39	0.000
	03:00	17.3	2.1	0.5	10.0	58.7	93.5	0.9	56.2	29.39	0.000
	04:00	23.9	2.1	0.4	10.1	60.3	92.6	0.6	35.3	29.39	0.000
	05:00	15.0	2.4	0.3	10.0	58.6	93.0	0.6	265.8	29.40	0.000
	06:00	13.3	2.6	0.6	9.8	58.3	93.6	0.8	249.6	29.41	0.000
	07:00	12.2	2.4	0.0	9.3	60.5	90.1	0.5	114.5	29.42	0.000
	08:00	12.8	1.8	0.8	8.4	63.0	90.5	1.5	107.6	29.43	0.000
	09:00	10.3	3.1	1.8	8.0	66.4	79.9	0.5	91.9	29.43	0.000
	10:00	14.1	11.3	3.1	9.8	72.0	64.8	2.2	294.1	29.42	0.000
	11:00	9.8	5.2	3.9	9.2	77.2	55.5	3.3	10.4	29.42	0.000
	12:00	4.3	2.1	3.9	8.4	79.8	48.7	3.6	8.9	29.41	0.000
	13:00	2.6	2.1	3.1	7.1	81.4	44.0	2.3	359.7	29.39	0.000
	14:00	2.6	2.1	3.3	7.2	80.2	47.0	2.4	269.6	29.37	0.000
	15:00	4.7	2.1	3.4	7.0	76.2	58.3	5.0	248.4	29.35	0.000
	16:00	6.0	3.4	3.6	6.6	80.2	48.2	5.8	323.4	29.34	0.000
	17:00	2.4	2.4	3.4	6.3	79.0	47.5	4.7	269.2	29.34	0.000
	18:00	4.1	2.6	3.4	6.2	77.7	50.1	6.5	346.5	29.35	0.000
	19:00	3.6	2.1	1.9	5.5	69.3	68.8	7.7	33.1	29.38	0.000
	20:00	7.3	2.1	1.6	6.5	65.9	81.1	3.3	16.2	29.38	0.000
21:00	4.1	2.1	1.5	6.3	64.1	85.6	3.5	337.8	29.38	0.000	
22:00	4.9	1.8	1.0	6.7	61.1	91.3	1.3	288.6	29.38	0.000	
23:00	6.8	1.8	0.8	7.4	59.4	95.5	1.8	174.5	29.38	0.000	
00:00	6.2	1.8	0.6	7.3	58.7	96.2	1.5	198.9	29.37	0.000	
Minimum		2.4	1.8	0.0	5.5	57.2	44.0	0.2	8.9	29.34	0.00
Maximum		23.9	11.3	3.9	10.8	81.4	96.2	7.7	359.7	29.43	0.00
Average (Total)		9.4	2.8	1.8	8.1	67.6	75.1	2.5	184.6	29.39	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/18/2022	01:00	7.3	1.8	0.8	7.8	57.9	94.2	1.5	157.0	29.36	0.000
	02:00	7.7	1.8	1.0	7.9	56.9	96.9	1.1	159.4	29.36	0.000
	03:00	6.4	1.6	0.5	8.1	56.7	97.2	0.6	353.9	29.35	0.000
	04:00	7.0	1.8	0.4	7.8	55.5	96.1	0.1	213.3	29.36	0.000
	05:00	9.0	2.1	0.0	7.9	55.0	93.6	0.5	123.5	29.36	0.000
	06:00	10.3	2.1	0.3	8.1	54.7	94.7	0.6	128.1	29.38	0.000
	07:00	12.6	2.1	0.3	7.5	58.5	89.6	0.4	234.8	29.38	0.000
	08:00	7.7	1.8	0.9	7.2	62.9	78.9	1.0	162.5	29.38	0.000
	09:00	7.5	2.1	2.3	7.1	66.8	73.5	1.2	88.2	29.38	0.000
	10:00	7.5	4.5	2.8	7.6	71.4	64.5	0.5	18.7	29.38	0.000
	11:00	10.5	8.6	3.0	9.9	75.6	53.7	2.9	309.5	29.37	0.000
	12:00	10.0	4.5	3.9	7.7	77.7	51.8	2.8	294.2	29.36	0.000
	13:00	5.6	3.7	3.8	7.5	80.6	42.8	2.7	351.2	29.36	0.000
	14:00	4.3	2.9	3.1	5.6	80.9	42.2	4.1	255.1	29.34	0.000
	15:00	2.8	2.6	3.3	5.9	82.3	41.1	1.1	293.0	29.33	0.000
	16:00	2.1	2.9	4.1	5.7	82.9	39.8	3.1	65.9	29.33	0.000
	17:00	1.9	2.9	3.8	5.9	82.0	42.7	3.0	73.4	29.33	0.000
	18:00	1.7	2.9	3.8	5.8	80.3	48.3	2.6	103.3	29.33	0.000
	19:00	2.8	2.6	3.6	5.9	75.0	63.4	1.7	103.9	29.34	0.000
	20:00	23.3	2.6	3.4	6.7	68.5	78.1	2.2	150.6	29.35	0.000
21:00	18.8	2.4	2.4	7.0	65.9	84.3	2.9	149.6	29.37	0.000	
22:00	19.4	2.1	2.4	7.4	68.3	74.7	2.3	182.5	29.38	0.000	
23:00	8.3	2.1	1.3	6.8	64.6	87.5	1.4	204.0	29.39	0.000	
00:00	7.5	2.1	1.9	7.2	66.6	84.3	3.1	207.6	29.39	0.000	
Minimum		1.7	1.6	0.0	5.6	54.7	39.8	0.1	18.7	29.33	0.00
Maximum		23.3	8.6	4.1	9.9	82.9	97.2	4.1	353.9	29.39	0.00
Average (Total)		8.4	2.8	2.2	7.2	68.6	71.4	1.8	182.6	29.36	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/19/2022	01:00	20.9	2.4	1.8	7.6	64.9	89.1	3.1	150.3	29.40	0.000
	02:00	23.5	2.1	1.1	7.8	63.0	92.4	1.2	153.8	29.40	0.000
	03:00	17.1	2.4	0.6	7.8	61.2	94.9	0.8	99.4	29.41	0.000
	04:00	12.8	2.1	0.5	8.3	60.4	94.0	0.1	167.2	29.41	0.000
	05:00	12.0	2.1	0.3	8.5	59.7	95.6	0.1	174.2	29.42	0.000
	06:00	12.4	2.1	0.1	8.3	59.5	95.8	0.5	138.8	29.43	0.000
	07:00	10.7	2.4	0.3	7.8	62.9	88.0	0.9	242.8	29.45	0.000
	08:00	10.2	2.1	1.6	8.6	67.2	71.0	0.5	299.9	29.46	0.000
	09:00	5.5	2.1	3.5	7.7	71.8	66.7	1.2	258.0	29.46	0.000
	10:00	5.1	2.1	3.6	8.2	74.7	65.7	1.3	187.6	29.47	0.000
	11:00	4.3	2.1	3.8	8.5	78.6	61.8	2.0	148.0	29.47	0.000
	12:00	3.4	2.4	4.1	8.7	80.5	58.1	3.8	161.5	29.46	0.000
	13:00	1.9	2.6	3.6	8.1	82.7	52.9	3.2	164.1	29.45	0.000
	14:00	1.5	3.4	3.9	8.7	84.3	49.3	3.3	149.6	29.44	0.000
	15:00	2.1	2.4	3.4	8.0	84.6	50.3	4.8	142.1	29.43	0.000
	16:00	2.8	2.4	3.0	8.3	82.1	58.4	4.9	180.9	29.42	0.000
	17:00	3.6	2.1	2.6	9.0	81.0	61.1	5.2	182.1	29.42	0.000
	18:00	4.5	2.4	3.0	8.7	79.3	68.0	4.0	181.5	29.43	0.000
	19:00	3.2	2.1	2.6	8.8	76.9	69.3	6.4	185.4	29.43	0.000
	20:00	3.6	2.1	2.4	8.2	74.2	71.0	3.9	187.3	29.45	0.000
21:00	5.3	2.4	2.5	8.8	73.4	72.7	3.1	162.2	29.46	0.000	
22:00	10.2	2.1	2.4	9.0	72.5	75.1	2.5	154.9	29.47	0.000	
23:00	5.6	2.1	2.1	8.6	72.0	76.8	2.5	185.0	29.48	0.000	
00:00	6.2	2.1	1.8	8.6	71.4	79.3	2.2	172.5	29.48	0.000	
Minimum		1.5	2.1	0.1	7.6	59.5	49.3	0.1	99.4	29.40	0.00
Maximum		23.5	3.4	4.1	9.0	84.6	95.8	6.4	299.9	29.48	0.00
Average (Total)		7.9	2.3	2.3	8.4	72.4	73.2	2.5	176.2	29.44	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/20/2022	01:00	23.1	2.1	1.4	9.3	70.3	83.9	1.5	146.4	29.49	0.000
	02:00	21.8	2.1	1.0	9.1	69.1	87.9	2.1	140.3	29.49	0.000
	03:00	12.6	2.1	1.0	9.2	67.5	91.8	0.3	123.5	29.49	0.000
	04:00	9.0	2.1	0.1	9.2	65.9	93.5	0.0	0.0	29.49	0.000
	05:00	7.3	2.1	0.8	9.1	64.2	94.6	1.1	139.6	29.49	0.000
	06:00	13.0	2.1	1.0	9.6	65.1	94.2	2.4	141.7	29.51	0.000
	07:00	12.2	2.1	1.0	9.4	67.5	84.1	0.3	107.4	29.52	0.000
	08:00	8.1	2.4	2.0	9.8	72.1	78.3	2.4	175.9	29.53	0.000
	09:00	3.2	2.6	2.6	9.7	75.6	71.6	2.6	172.6	29.54	0.000
	10:00	1.9	2.1	3.3	10.3	78.6	65.5	4.1	142.1	29.53	0.000
	11:00	1.5	2.1	3.4	10.1	80.8	60.9	5.0	157.9	29.53	0.000
	12:00	0.6	2.1	2.8	9.4	82.0	56.8	6.2	171.1	29.52	0.000
	13:00	0.6	2.1	3.1	9.2	82.9	55.6	5.5	160.1	29.51	0.000
	14:00	0.8	2.1	3.1	8.3	84.2	49.7	5.7	172.2	29.50	0.000
	15:00	0.4	1.8	3.0	6.8	84.6	47.3	6.7	172.2	29.50	0.000
	16:00	0.6	1.8	3.0	6.5	84.5	48.2	5.9	163.6	29.48	0.000
	17:00	0.2	2.1	3.1	6.5	84.1	49.0	6.5	153.7	29.47	0.000
	18:00	0.6	2.1	3.6	6.1	82.6	51.8	4.9	153.1	29.47	0.000
	19:00	2.4	2.1	3.0	6.0	78.9	59.8	2.7	154.1	29.46	0.000
	20:00	4.9	2.1	2.6	6.2	76.1	68.7	3.1	153.8	29.47	0.000
21:00	5.8	2.1	2.8	6.3	75.2	74.3	3.9	151.4	29.48	0.000	
22:00	4.7	2.1	1.6	5.8	73.6	79.3	2.8	154.7	29.48	0.000	
23:00	3.6	2.1	1.5	5.6	72.9	80.7	3.1	160.6	29.48	0.000	
00:00	2.4	1.8	1.8	5.1	72.7	81.9	3.5	152.4	29.47	0.000	
Minimum		0.2	1.8	0.1	5.1	64.2	47.3	0.0	0.0	29.46	0.00
Maximum		23.1	2.6	3.6	10.3	84.6	94.6	6.7	175.9	29.54	0.00
Average (Total)		5.9	2.1	2.2	8.0	75.5	71.2	3.4	146.7	29.50	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/21/2022	01:00	11.5	1.6	1.5	5.2	71.9	85.0	3.0	151.4	29.47	0.000
	02:00	9.8	1.6	1.0	5.3	70.7	87.6	3.7	139.2	29.46	0.000
	03:00	9.4	1.8	0.9	4.9	70.3	87.5	2.4	136.2	29.46	0.000
	04:00	4.5	1.6	0.5	4.8	69.1	91.0	2.4	122.9	29.46	0.000
	05:00	21.1	1.8	0.8	5.3	68.1	93.0	2.4	121.0	29.45	0.000
	06:00	4.7	1.8	1.0	5.2	68.0	93.6	2.1	121.8	29.46	0.000
	07:00	5.6	1.6	0.4	4.9	69.9	90.8	3.0	120.2	29.47	0.000
	08:00	4.3	1.8	1.3	4.7	72.8	84.0	5.1	127.4	29.47	0.000
	09:00	1.3	1.6	1.8	4.4	75.7	78.8	6.7	127.2	29.45	0.000
	10:00	0.4	1.6	1.9	4.7	76.9	78.3	8.0	131.0	29.45	0.000
	11:00	0.6	1.8	1.9	5.3	76.9	80.3	8.1	136.7	29.45	0.000
	12:00	0.9	1.6	1.9	5.9	77.6	79.2	9.1	167.1	29.45	0.000
	13:00	0.9	1.6	1.8	5.5	77.7	78.7	10.1	174.4	29.44	0.000
	14:00	0.9	1.6	1.9	4.7	78.4	74.9	10.0	181.2	29.41	0.000
	15:00	0.8	1.6	2.0	4.2	78.3	72.4	5.0	162.9	29.38	0.000
	16:00	0.6	1.8	1.5	3.5	77.7	69.1	5.0	138.5	29.37	0.000
	17:00	0.8	1.6	1.8	2.8	77.3	69.9	7.9	131.2	29.36	0.000
	18:00	1.1	1.6	1.1	2.0	75.3	71.8	7.5	129.0	29.36	0.000
	19:00	3.2	1.6	1.0	2.4	73.7	76.1	6.0	140.7	29.37	0.000
	20:00	3.2	1.8	1.5	3.5	72.2	80.1	2.7	150.8	29.36	0.000
21:00	3.4	1.6	1.0	4.1	69.8	85.9	1.9	123.9	29.36	0.000	
22:00	7.5	1.6	1.1	3.6	69.3	87.7	2.6	115.5	29.35	0.000	
23:00	14.5	1.8	0.5	3.9	68.0	91.3	1.8	126.0	29.35	0.000	
00:00	10.0	1.6	0.4	3.9	68.0	93.3	0.7	108.9	29.34	0.000	
Minimum		0.4	1.6	0.4	2.0	68.0	69.1	0.7	108.9	29.34	0.00
Maximum		21.1	1.8	2.0	5.9	78.4	93.6	10.1	181.2	29.47	0.00
Average (Total)		5.0	1.7	1.3	4.4	73.1	82.5	4.9	136.9	29.41	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/22/2022	01:00	5.6	1.8	-0.1	3.9	68.2	94.9	0.0	327.0	29.33	0.000
	02:00	5.1	1.6	-0.3	3.8	67.6	96.5	0.2	205.9	29.31	0.000
	03:00	6.6	1.8	0.1	4.0	67.4	96.7	0.4	268.9	29.30	0.000
	04:00	6.0	1.6	0.1	4.2	66.5	97.1	0.2	24.3	29.30	0.000
	05:00	7.1	1.6	-0.3	4.2	67.0	97.2	1.6	25.1	29.29	0.000
	06:00	7.7	1.6	0.1	4.2	65.6	97.3	0.3	79.9	29.29	0.000
	07:00	6.6	1.6	0.1	4.0	67.1	95.9	1.1	302.3	29.30	0.000
	08:00	5.6	1.6	0.8	3.9	70.2	87.7	0.5	295.0	29.29	0.000
	09:00	3.2	1.6	1.8	4.3	72.4	84.3	1.8	222.3	29.29	0.000
	10:00	2.3	1.6	2.4	4.3	75.0	77.9	2.2	263.5	29.29	0.000
	11:00	2.3	1.8	2.6	4.9	77.8	70.6	0.3	309.1	29.29	0.000
	12:00	1.3	1.8	2.8	4.9	80.3	64.7	2.2	177.2	29.26	0.000
	13:00	1.9	1.8	2.6	5.6	80.6	62.0	1.1	140.4	29.25	0.000
	14:00	4.9	1.8	1.6	5.6	75.8	81.8	4.2	222.3	29.24	0.028
	15:00	2.6	1.8	1.9	4.7	79.9	62.8	1.5	203.4	29.22	0.000
	16:00	5.8	1.8	3.3	5.1	80.3	64.3	3.3	350.7	29.21	0.000
	17:00	4.7	1.6	2.6	5.6	78.5	70.4	1.7	35.0	29.21	0.000
	18:00	3.9	1.8	2.4	5.7	77.3	74.8	1.1	305.9	29.21	0.004
	19:00	4.3	1.6	1.4	5.6	72.7	87.0	4.1	230.6	29.21	0.080
	20:00	4.5	1.6	0.8	5.3	69.8	91.4	3.0	255.3	29.24	0.000
21:00	4.9	1.6	0.6	5.2	68.8	93.5	2.8	196.0	29.26	0.000	
22:00	8.1	1.6	0.6	5.8	68.2	93.3	2.8	203.7	29.26	0.000	
23:00	8.3	1.6	0.6	6.2	67.8	93.0	3.5	231.1	29.26	0.000	
00:00	7.0	1.6	0.9	6.7	68.0	89.7	4.6	255.6	29.26	0.000	
Minimum		1.3	1.6	-0.3	3.8	65.6	62.0	0.0	24.3	29.21	0.00
Maximum		8.3	1.8	3.3	6.7	80.6	97.3	4.6	350.7	29.33	0.08
Average (Total)		5.0	1.7	1.2	4.9	72.2	84.4	1.9	213.8	29.27	(0.11)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/23/2022	01:00	9.2	1.6	0.8	6.7	67.7	88.2	4.3	241.4	29.25	0.000
	02:00	5.8	1.8	1.0	7.2	66.7	90.1	4.7	241.4	29.25	0.000
	03:00	6.6	1.6	0.9	7.6	66.8	88.2	5.1	244.5	29.24	0.000
	04:00	6.4	1.6	0.8	8.0	66.4	87.4	3.9	261.6	29.24	0.000
	05:00	5.6	1.6	1.0	7.9	64.9	91.2	3.5	210.6	29.25	0.000
	06:00	8.3	1.8	0.6	8.0	64.5	91.2	2.6	191.2	29.26	0.000
	07:00	9.6	1.6	0.4	7.9	67.4	84.3	3.9	254.4	29.27	0.000
	08:00	7.1	2.1	1.5	7.7	71.9	72.8	4.9	268.2	29.27	0.000
	09:00	3.6	2.4	2.0	7.2	74.3	70.4	5.0	269.5	29.28	0.000
	10:00	1.9	2.1	2.3	7.0	77.3	61.2	6.6	283.9	29.29	0.000
	11:00	2.1	2.4	2.5	7.1	78.9	55.9	5.2	280.5	29.29	0.000
	12:00	2.6	2.1	3.1	7.1	81.0	49.6	6.0	295.1	29.28	0.000
	13:00	2.4	2.1	3.8	7.0	83.0	44.4	5.1	297.0	29.27	0.000
	14:00	1.5	2.1	4.0	6.9	84.1	41.0	6.8	283.0	29.27	0.000
	15:00	1.9	2.1	4.0	7.3	83.8	41.1	4.6	289.4	29.26	0.000
	16:00	1.5	2.6	4.1	6.8	85.9	36.8	5.5	302.8	29.25	0.000
	17:00	1.5	2.1	4.3	6.9	84.5	37.8	7.3	278.9	29.25	0.000
	18:00	2.1	2.1	3.9	6.8	81.2	42.7	4.7	277.6	29.26	0.000
	19:00	4.9	2.4	3.5	7.0	76.8	53.5	2.8	278.9	29.28	0.000
	20:00	10.7	2.6	3.1	7.2	69.5	71.9	2.0	268.5	29.31	0.000
21:00	11.1	2.6	3.0	7.8	67.4	77.7	1.4	236.9	29.33	0.000	
22:00	10.3	2.4	2.4	7.8	66.0	81.6	0.5	285.9	29.34	0.000	
23:00	17.9	2.4	2.4	8.3	63.5	85.0	0.4	145.1	29.34	0.000	
00:00	14.3	2.1	1.6	8.2	63.2	86.5	0.8	247.3	29.35	0.000	
Minimum		1.5	1.6	0.4	6.7	63.2	36.8	0.4	145.1	29.24	0.00
Maximum		17.9	2.6	4.3	8.3	85.9	91.2	7.3	302.8	29.35	0.00
Average (Total)		6.2	2.1	2.4	7.4	73.2	67.9	4.1	259.7	29.28	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/24/2022	01:00	16.9	2.1	1.5	8.5	62.2	87.1	1.3	197.3	29.36	0.000
	02:00	9.2	2.1	1.5	8.9	61.2	91.0	1.1	184.1	29.36	0.000
	03:00	10.5	2.1	1.3	8.9	60.4	94.3	2.1	120.2	29.37	0.000
	04:00	15.4	2.4	1.1	9.0	60.2	96.1	1.7	142.9	29.37	0.000
	05:00	12.2	2.1	1.1	9.1	60.7	96.0	1.3	159.6	29.38	0.000
	06:00	12.8	2.4	0.9	9.6	60.6	97.1	1.3	146.8	29.39	0.000
	07:00	12.2	2.4	1.3	9.5	63.2	89.4	1.2	163.3	29.41	0.000
	08:00	9.6	2.4	1.6	9.1	67.8	74.8	0.5	218.0	29.42	0.000
	09:00	10.0	6.0	3.4	10.5	72.8	64.1	0.7	301.9	29.43	0.000
	10:00	7.3	7.6	4.6	12.1	77.7	53.7	1.8	354.7	29.44	0.000
	11:00	3.9	6.0	4.0	10.2	80.5	48.7	1.7	356.8	29.44	0.000
	12:00	4.3	5.5	4.6	10.6	82.5	44.5	2.1	17.8	29.43	0.000
	13:00	5.6	5.0	5.0	11.2	83.0	45.0	1.9	100.4	29.42	0.000
	14:00	3.6	4.2	4.6	11.2	82.9	45.0	1.2	7.6	29.41	0.000
	15:00	3.2	4.2	4.9	11.1	83.8	44.4	2.0	98.4	29.39	0.000
	16:00	2.8	3.7	4.6	10.5	84.9	41.1	2.6	33.8	29.39	0.000
	17:00	3.0	3.1	5.1	9.8	85.0	40.9	2.1	50.8	29.38	0.000
	18:00	1.9	2.9	5.3	9.4	82.8	46.2	1.2	56.0	29.38	0.000
	19:00	7.9	2.9	5.0	10.9	76.4	68.3	0.2	133.3	29.38	0.000
	20:00	19.4	2.6	3.4	10.5	70.6	76.5	0.1	148.5	29.39	0.000
21:00	21.4	2.6	2.4	10.3	68.2	82.2	0.3	198.0	29.41	0.000	
22:00	12.0	2.4	1.1	9.9	66.8	84.0	0.4	243.9	29.43	0.000	
23:00	11.5	2.4	1.1	9.8	65.7	87.7	0.1	278.2	29.45	0.000	
00:00	9.2	2.1	1.6	10.6	64.9	90.6	0.6	130.0	29.45	0.000	
Minimum		1.9	2.1	0.9	8.5	60.2	40.9	0.1	7.6	29.36	0.00
Maximum		21.4	7.6	5.3	12.1	85.0	97.1	2.6	356.8	29.45	0.00
Average (Total)		9.4	3.4	3.0	10.1	71.9	70.4	1.2	160.1	29.40	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/25/2022	01:00	12.6	2.4	1.1	11.1	64.6	91.6	0.1	205.0	29.45	0.000
	02:00	11.1	2.4	0.9	11.1	63.6	92.4	0.3	225.3	29.45	0.000
	03:00	11.3	2.4	0.8	11.2	62.8	93.6	0.2	228.4	29.45	0.000
	04:00	15.8	2.6	0.8	11.3	62.4	94.4	0.4	155.4	29.44	0.000
	05:00	13.0	2.4	0.5	11.8	62.0	95.3	0.1	33.8	29.44	0.000
	06:00	14.5	2.6	0.0	12.4	61.4	96.9	0.6	153.1	29.45	0.000
	07:00	11.8	2.9	0.5	10.7	65.0	92.0	0.5	171.4	29.46	0.000
	08:00	9.6	2.6	1.8	10.6	69.3	79.9	1.8	116.0	29.46	0.000
	09:00	6.2	2.9	4.5	11.2	73.1	72.4	2.8	89.7	29.47	0.000
	10:00	3.8	3.4	5.0	12.6	76.8	61.3	1.6	91.2	29.47	0.000
	11:00	4.1	3.4	5.0	13.5	80.1	56.9	1.1	104.7	29.46	0.000
	12:00	3.0	2.9	4.4	12.7	82.9	52.5	2.4	61.1	29.45	0.000
	13:00	2.1	2.9	4.3	12.1	84.3	52.0	1.9	114.5	29.43	0.000
	14:00	2.6	2.6	4.4	12.5	85.8	51.4	2.8	123.3	29.42	0.000
	15:00	2.3	2.4	4.3	11.4	85.7	50.5	3.6	128.5	29.40	0.000
	16:00	2.3	2.4	3.8	10.4	85.8	46.4	3.0	165.4	29.38	0.000
	17:00	1.7	2.4	4.5	10.2	84.5	52.6	4.1	153.3	29.37	0.000
	18:00	2.6	2.4	4.6	10.2	82.0	61.9	3.2	160.5	29.37	0.000
	19:00	3.2	2.4	4.1	9.8	80.3	64.9	3.3	156.5	29.37	0.000
	20:00	3.9	2.4	4.1	9.3	77.7	72.0	3.2	131.3	29.38	0.000
21:00	3.8	2.4	4.1	9.5	77.1	74.7	3.7	148.4	29.39	0.000	
22:00	3.9	2.4	4.6	9.3	77.2	76.2	3.7	157.4	29.38	0.000	
23:00	6.4	2.4	3.8	9.4	76.0	80.6	3.6	178.8	29.39	0.000	
00:00	4.9	2.4	3.1	9.2	74.4	83.7	4.6	189.7	29.39	0.000	
Minimum		1.7	2.4	0.0	9.2	61.4	46.4	0.1	33.8	29.37	0.00
Maximum		15.8	3.4	5.0	13.5	85.8	96.9	4.6	228.4	29.47	0.00
Average (Total)		6.5	2.6	3.1	11.0	74.8	72.8	2.2	143.4	29.42	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/26/2022	01:00	3.9	2.1	ZS	8.5	73.1	83.0	4.3	199.5	29.38	0.000
	02:00	3.6	2.1	1.5	7.7	72.6	84.4	5.2	201.1	29.37	0.000
	03:00	5.8	2.1	1.6	8.5	71.1	87.4	3.7	213.0	29.36	0.000
	04:00	7.1	2.1	0.9	8.8	68.8	91.6	1.4	204.5	29.36	0.000
	05:00	7.7	2.1	0.4	8.8	68.2	95.5	2.8	146.5	29.35	0.000
	06:00	8.8	2.1	0.8	9.8	68.0	96.0	2.6	185.2	29.35	0.000
	07:00	8.8	2.1	1.3	9.7	69.4	92.4	2.6	192.0	29.35	0.000
	08:00	6.8	2.4	2.6	9.6	73.1	84.2	4.4	215.8	29.36	0.000
	09:00	6.0	2.4	3.1	9.7	76.8	74.0	4.5	232.5	29.36	0.000
	10:00	5.3	2.6	5.4	10.5	80.7	62.0	4.5	239.1	29.36	0.000
	11:00	3.4	2.9	4.1	11.2	83.1	52.3	4.5	273.9	29.36	0.000
	12:00	2.6	2.9	5.3	10.7	83.8	49.9	3.0	314.9	29.35	0.000
	13:00	2.8	2.9	5.1	11.7	85.8	43.7	1.2	200.2	29.33	0.000
	14:00	2.8	2.9	4.8	11.8	85.8	44.7	2.2	138.6	29.32	0.000
	15:00	2.1	2.9	4.9	11.4	86.3	45.8	3.4	233.2	29.30	0.000
	16:00	3.6	2.1	3.9	11.1	76.8	70.5	6.0	222.6	29.31	0.024
	17:00	5.1	2.1	2.3	10.5	77.8	69.4	2.5	210.6	29.30	0.000
	18:00	6.8	2.4	2.1	11.7	78.2	73.9	2.4	163.1	29.30	0.000
	19:00	17.1	2.4	1.1	11.3	74.9	82.5	1.5	171.2	29.30	0.000
	20:00	19.9	2.4	1.0	11.4	73.4	83.6	1.7	236.6	29.31	0.000
21:00	12.4	2.1	0.8	11.6	73.3	87.3	0.6	286.3	29.35	0.000	
22:00	11.8	2.1	0.8	11.9	71.6	91.1	1.2	197.7	29.35	0.000	
23:00	ZS	2.4	0.8	13.3	71.2	90.0	1.8	231.7	29.36	0.000	
00:00	9.0	ZS	0.9	13.6	70.3	87.5	3.0	241.2	29.36	0.000	
Minimum		2.1	2.1	0.4	7.7	68.0	43.7	0.6	138.6	29.30	0.00
Maximum		19.9	2.9	5.4	13.6	86.3	96.0	6.0	314.9	29.38	0.02
Average (Total)		7.1	2.4	2.4	10.6	75.6	75.9	3.0	214.6	29.34	(0.02)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/27/2022	01:00	17.1	2.4	ZS	13.7	69.8	88.4	0.3	250.4	29.36	0.000
	02:00	21.6	2.4	0.4	14.0	67.7	93.6	1.2	240.1	29.36	0.000
	03:00	15.8	2.1	0.1	14.0	67.5	91.8	0.3	252.4	29.36	0.000
	04:00	9.8	2.4	0.9	13.6	66.1	94.7	1.2	244.2	29.36	0.000
	05:00	6.4	2.1	0.6	14.0	66.7	93.0	2.2	298.5	29.37	0.000
	06:00	9.8	2.1	0.8	13.5	66.8	91.5	1.2	302.1	29.39	0.000
	07:00	9.0	2.1	-0.1	12.5	68.4	87.2	2.1	354.8	29.40	0.000
	08:00	6.2	2.1	0.5	11.0	71.3	80.3	3.2	5.0	29.41	0.000
	09:00	1.9	2.1	1.8	10.0	74.6	74.2	4.9	8.0	29.42	0.000
	10:00	1.9	2.1	2.3	9.8	77.2	68.6	4.7	353.0	29.43	0.000
	11:00	1.5	2.1	2.4	9.7	79.8	61.7	3.9	3.8	29.43	0.000
	12:00	1.5	2.1	2.4	9.4	81.4	56.8	2.6	12.3	29.42	0.000
	13:00	1.1	2.1	3.0	9.5	84.1	50.1	2.4	20.6	29.40	0.000
	14:00	0.9	2.1	2.8	9.1	85.7	47.1	3.2	55.7	29.39	0.000
	15:00	2.1	2.1	2.6	8.8	85.7	44.5	1.9	2.1	29.37	0.000
	16:00	1.3	2.4	3.0	8.6	87.0	42.7	3.0	28.6	29.36	0.000
	17:00	1.3	2.1	3.1	8.5	86.6	45.2	2.6	64.1	29.37	0.000
	18:00	1.3	2.1	2.8	8.3	85.1	47.8	2.5	65.2	29.37	0.000
	19:00	3.2	2.1	2.6	8.6	79.0	63.1	1.9	52.7	29.38	0.000
	20:00	3.2	2.1	2.6	8.7	73.7	78.5	0.4	118.5	29.39	0.000
21:00	5.6	2.1	2.1	8.5	71.8	83.5	0.9	102.0	29.41	0.000	
22:00	10.3	2.1	1.8	9.0	71.0	83.5	0.2	109.8	29.42	0.000	
23:00	ZS	2.1	1.1	9.4	68.9	88.8	0.6	321.9	29.43	0.000	
00:00	10.3	ZS	2.3	14.2	71.3	82.7	2.3	353.3	29.44	0.000	
Minimum		0.9	2.1	-0.1	8.3	66.1	42.7	0.2	2.1	29.36	0.00
Maximum		21.6	2.4	3.1	14.2	87.0	94.7	4.9	354.8	29.44	0.00
Average (Total)		6.2	2.2	1.8	10.7	75.3	72.5	2.1	150.8	29.39	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/28/2022	01:00	8.1	2.4	ZS	13.7	70.0	83.8	1.6	354.0	29.43	0.000
	02:00	5.6	2.4	1.5	12.0	69.0	86.2	1.7	356.6	29.43	0.000
	03:00	5.3	2.1	1.5	12.6	67.4	87.9	1.3	332.6	29.44	0.000
	04:00	6.2	2.1	1.4	11.2	65.5	93.0	0.9	325.9	29.44	0.000
	05:00	7.5	2.1	1.4	10.8	65.0	93.4	0.9	345.4	29.45	0.000
	06:00	5.8	1.8	1.5	10.8	66.6	88.4	2.3	7.5	29.47	0.000
	07:00	7.9	2.1	1.1	10.0	67.4	85.3	2.9	347.8	29.49	0.000
	08:00	8.5	1.8	2.1	9.2	69.6	79.2	1.5	53.7	29.49	0.000
	09:00	7.9	2.1	3.0	9.1	74.8	68.7	1.0	90.7	29.50	0.000
	10:00	4.9	2.6	4.9	10.4	79.2	65.4	3.6	100.7	29.50	0.000
	11:00	2.8	2.9	5.1	10.9	82.7	61.1	3.7	113.6	29.50	0.000
	12:00	2.3	2.6	5.0	11.4	84.6	58.2	4.7	135.0	29.49	0.000
	13:00	1.9	2.6	4.6	12.0	86.0	54.6	4.0	162.3	29.49	0.000
	14:00	1.7	2.6	4.6	12.0	87.5	51.0	3.6	133.8	29.47	0.000
	15:00	1.7	2.6	5.0	12.4	88.5	49.2	4.6	126.7	29.44	0.000
	16:00	3.0	2.6	5.4	13.2	89.0	49.4	5.5	127.3	29.43	0.000
	17:00	1.9	2.9	5.4	13.8	87.2	54.1	6.2	120.3	29.42	0.000
	18:00	1.7	2.9	5.3	13.3	85.6	48.1	6.2	126.4	29.41	0.000
	19:00	3.9	2.9	5.1	12.8	81.8	59.5	3.3	121.6	29.41	0.000
	20:00	3.9	2.9	4.6	12.2	76.0	77.3	2.0	117.1	29.42	0.000
21:00	4.5	2.9	4.6	12.5	76.9	74.9	2.9	124.7	29.44	0.000	
22:00	4.5	2.9	4.4	12.3	73.5	83.8	1.6	123.4	29.46	0.000	
23:00	ZS	2.6	3.1	12.1	74.3	81.8	2.6	149.8	29.47	0.000	
00:00	6.4	ZS	2.9	11.4	73.4	84.4	2.9	135.6	29.48	0.000	
Minimum		1.7	1.8	1.1	9.1	65.0	48.1	0.9	7.5	29.41	0.00
Maximum		8.5	2.9	5.4	13.8	89.0	93.4	6.2	356.6	29.50	0.00
Average (Total)		4.7	2.5	3.6	11.8	76.7	71.6	3.0	172.2	29.46	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/29/2022	01:00	4.3	2.6	ZS	10.4	72.6	88.4	2.4	130.5	29.48	0.000
	02:00	3.4	2.6	1.5	9.6	72.3	91.2	3.0	126.8	29.47	0.000
	03:00	8.6	2.4	1.5	9.4	71.2	94.7	3.1	115.8	29.46	0.000
	04:00	6.2	2.4	0.9	9.6	70.1	93.4	2.2	113.2	29.46	0.000
	05:00	4.3	2.4	1.6	9.5	70.5	87.6	3.4	118.7	29.46	0.000
	06:00	2.8	2.1	0.8	8.9	70.5	80.8	3.1	122.5	29.47	0.000
	07:00	3.9	2.1	0.8	8.8	71.5	84.7	1.2	107.6	29.49	0.000
	08:00	2.1	2.1	1.5	8.9	74.7	85.4	3.5	129.1	29.49	0.000
	09:00	3.0	2.4	3.4	9.9	78.1	78.8	4.7	122.5	29.49	0.000
	10:00	PO	PO	PO	12.0	81.3	71.2	2.6	131.7	29.49	0.000
	11:00	PO	PO	PO	12.6	84.0	67.0	5.0	127.3	29.49	0.000
	12:00	PO	PO	PO	13.5	86.0	62.4	5.8	169.2	29.48	0.000
	13:00	PO	PO	PO	13.4	88.4	55.2	7.4	172.4	29.46	0.000
	14:00	PO	PO	PO	12.6	89.3	52.0	7.5	169.0	29.43	0.000
	15:00	PO	PO	PO	12.9	89.9	50.1	8.5	149.6	29.40	0.000
	16:00	PO	PO	PO	13.0	89.4	50.7	8.8	173.8	29.38	0.000
	17:00	3.0	2.4	4.9	12.7	88.6	51.8	8.1	176.3	29.38	0.000
	18:00	3.0	2.1	5.1	12.4	86.7	53.8	5.9	168.8	29.37	0.000
	19:00	3.6	2.4	4.8	11.8	82.9	60.6	3.8	164.2	29.37	0.000
	20:00	6.2	2.4	4.9	10.5	79.8	70.5	3.5	159.1	29.39	0.000
21:00	4.9	2.4	4.4	9.8	78.3	73.6	4.0	155.4	29.38	0.000	
22:00	3.8	2.1	3.6	9.2	77.4	76.0	3.7	155.5	29.38	0.000	
23:00	ZS	2.4	4.3	9.3	76.3	79.1	3.5	156.9	29.37	0.000	
00:00	5.1	ZS	3.5	9.8	75.5	81.8	3.3	154.5	29.36	0.000	
Minimum		ID	ID	ID	8.8	70.1	50.1	1.2	107.6	29.36	0.00
Maximum		ID	ID	ID	13.5	89.9	94.7	8.8	176.3	29.49	0.00
Average (Total)		ID	ID	ID	10.9	79.4	72.5	4.5	144.6	29.43	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/30/2022	01:00	23.3	2.4	ZS	9.7	74.6	84.3	4.0	143.9	29.35	0.000
	02:00	11.1	2.4	3.0	9.3	74.1	85.4	1.7	162.4	29.35	0.000
	03:00	8.5	2.4	2.4	9.2	72.9	88.8	2.8	150.1	29.34	0.000
	04:00	9.2	2.1	1.9	9.4	73.5	86.7	4.2	173.3	29.34	0.000
	05:00	9.6	2.1	1.8	9.1	73.7	84.9	4.5	201.1	29.33	0.000
	06:00	15.4	2.4	1.5	9.4	72.8	86.9	3.8	183.7	29.32	0.000
	07:00	15.0	2.4	1.6	9.5	73.1	85.9	3.7	162.3	29.31	0.000
	08:00	8.8	2.4	2.3	9.5	75.7	80.8	5.1	175.5	29.30	0.000
	09:00	5.1	2.4	3.6	9.6	80.2	71.3	6.1	192.7	29.29	0.000
	10:00	3.4	2.6	5.1	10.3	84.4	63.2	6.8	194.7	29.28	0.000
	11:00	2.6	2.4	4.5	11.1	87.1	56.7	7.9	198.7	29.26	0.000
	12:00	RC	2.1	5.1	10.6	89.3	51.7	6.9	189.3	29.23	0.000
	13:00	RC	2.1	4.8	10.9	88.3	53.9	6.3	161.9	29.19	0.000
	14:00	RC	1.8	2.3	6.7	74.2	86.6	8.1	266.8	29.24	0.417
	15:00	RC	1.6	1.3	3.5	69.8	95.7	3.0	164.5	29.23	0.144
	16:00	7.1	1.6	0.6	3.3	71.1	93.9	3.0	194.1	29.22	0.004
	17:00	3.2	1.6	0.3	3.1	72.5	88.8	4.2	220.5	29.21	0.000
	18:00	4.7	1.6	0.8	3.4	72.4	91.4	2.8	214.9	29.20	0.000
	19:00	5.8	1.6	0.6	CI	72.0	93.9	4.1	243.3	29.21	0.000
	20:00	6.8	1.6	0.4	CI	71.2	93.1	4.0	234.7	29.22	0.000
21:00	7.1	1.6	0.1	CI	70.2	95.5	3.8	247.7	29.23	0.000	
22:00	6.2	1.6	0.4	CI	70.4	92.0	4.6	259.0	29.24	0.000	
23:00	ZS	1.6	0.1	CI	69.6	89.2	5.3	256.7	29.25	0.000	
00:00	4.9	ZS	0.6	5.2	68.1	91.1	3.1	268.1	29.26	0.000	
Minimum		2.6	1.6	0.1	3.1	68.1	51.7	1.7	143.9	29.19	0.00
Maximum		23.3	2.6	5.1	11.1	89.3	95.7	8.1	268.1	29.35	0.42
Average (Total)		8.3	2.0	2.0	8.0	75.0	83.0	4.6	202.5	29.27	(0.57)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
08/31/2022	01:00	5.8	1.8	ZS	6.0	66.9	91.8	3.9	260.5	29.26	0.000
	02:00	22.0	2.1	0.6	6.9	67.6	85.1	5.7	254.7	29.25	0.000
	03:00	14.5	1.8	1.1	7.0	67.7	82.6	6.2	256.9	29.26	0.000
	04:00	7.1	2.1	1.0	7.7	66.2	86.0	3.4	236.5	29.26	0.000
	05:00	7.1	2.1	1.8	8.4	66.5	82.4	3.8	204.8	29.26	0.000
	06:00	7.0	2.1	1.1	8.2	65.5	84.6	5.5	214.5	29.28	0.000
	07:00	7.7	2.1	1.4	8.1	66.5	81.7	5.1	225.0	29.29	0.000
	08:00	5.3	2.6	1.0	8.0	69.5	74.3	5.6	258.1	29.31	0.000
	09:00	3.8	2.9	2.0	8.2	71.7	66.4	6.8	273.5	29.31	0.000
	10:00	3.4	2.9	2.3	8.6	73.5	59.3	6.1	294.9	29.32	0.000
	11:00	3.4	2.6	2.3	8.7	75.0	53.4	7.0	288.8	29.32	0.000
	12:00	3.0	2.4	2.6	8.1	77.2	48.0	6.3	289.3	29.31	0.000
	13:00	2.8	2.6	3.0	7.7	79.1	42.8	7.1	296.8	29.30	0.000
	14:00	1.9	2.6	3.3	7.6	80.3	40.5	6.7	285.7	29.29	0.000
	15:00	2.6	2.6	3.0	7.2	81.3	38.4	7.0	286.8	29.28	0.000
	16:00	2.6	2.6	3.3	6.6	81.2	37.6	5.5	294.0	29.28	0.000
	17:00	6.2	3.4	3.4	6.6	80.9	37.7	6.5	310.2	29.28	0.000
	18:00	3.9	2.6	3.3	6.3	79.6	39.7	6.0	306.3	29.28	0.000
	19:00	7.5	2.9	3.3	6.5	73.8	53.8	2.1	238.4	29.29	0.000
	20:00	7.7	2.6	2.5	6.7	67.1	72.2	1.7	247.2	29.31	0.000
21:00	10.3	2.9	2.1	7.4	65.2	73.4	1.8	249.0	29.33	0.000	
22:00	8.1	2.9	2.3	7.2	66.6	67.9	5.2	276.3	29.33	0.000	
23:00	ZS	2.6	2.4	7.5	67.0	66.0	3.1	223.9	29.34	0.000	
00:00	5.6	ZS	2.1	7.2	64.7	73.8	3.2	228.5	29.35	0.000	
Minimum		1.9	1.8	0.6	6.0	64.7	37.6	1.7	204.8	29.25	0.00
Maximum		22.0	3.4	3.4	8.7	81.3	91.8	7.1	310.2	29.35	0.00
Average (Total)		6.5	2.5	2.2	7.4	71.7	64.1	5.0	262.5	29.30	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/01/2022	01:00	4.3	2.6	ZS	7.1	65.0	73.3	4.2	255.6	29.35	0.000
	02:00	5.8	2.6	1.8	6.9	65.8	71.5	5.3	252.6	29.35	0.000
	03:00	4.7	2.6	1.8	6.9	66.5	69.9	5.3	261.0	29.35	0.000
	04:00	6.0	2.4	0.9	7.0	63.9	76.6	3.8	204.2	29.36	0.000
	05:00	10.9	2.4	1.4	7.1	64.0	76.5	4.5	213.6	29.37	0.000
	06:00	11.5	2.4	1.4	6.9	64.9	73.7	5.1	215.9	29.38	0.000
	07:00	14.7	2.6	1.8	7.1	66.3	70.8	5.0	214.2	29.39	0.000
	08:00	8.5	2.9	1.9	7.1	69.2	66.6	6.0	232.2	29.41	0.000
	09:00	5.8	3.1	2.9	7.1	73.1	61.8	5.5	254.1	29.41	0.000
	10:00	3.2	3.1	3.0	6.8	76.3	54.4	4.9	265.7	29.42	0.000
	11:00	2.3	3.1	4.0	6.5	78.9	47.2	3.2	267.4	29.42	0.000
	12:00	2.3	2.9	4.3	6.1	80.8	42.3	4.7	282.8	29.41	0.000
	13:00	3.8	3.4	3.5	5.6	82.9	36.0	4.5	306.2	29.40	0.000
	14:00	1.9	3.1	3.9	5.5	84.0	35.9	4.3	296.2	29.39	0.000
	15:00	2.1	2.9	5.1	5.9	84.9	36.6	4.6	274.6	29.38	0.000
	16:00	2.6	2.9	5.4	5.9	85.7	35.4	4.4	284.4	29.36	0.000
	17:00	2.6	2.9	5.6	5.4	86.1	34.7	4.3	291.3	29.36	0.000
	18:00	5.3	2.9	4.9	5.2	84.4	39.1	3.5	339.9	29.37	0.000
	19:00	9.0	2.9	4.4	5.4	80.6	46.6	3.2	351.7	29.38	0.000
	20:00	8.8	2.6	3.9	5.5	72.4	63.5	0.1	347.8	29.40	0.000
21:00	19.7	2.6	2.5	5.7	68.5	77.6	0.2	298.4	29.42	0.000	
22:00	22.4	2.6	2.1	5.8	66.7	83.2	0.5	239.6	29.44	0.000	
23:00	ZS	2.6	1.6	6.6	65.6	83.6	0.2	117.9	29.44	0.000	
00:00	29.7	ZS	1.5	6.8	64.5	83.8	0.4	100.4	29.46	0.000	
Minimum		1.9	2.4	0.9	5.2	63.9	34.7	0.1	100.4	29.35	0.00
Maximum		29.7	3.4	5.6	7.1	86.1	83.8	6.0	351.7	29.46	0.00
Average (Total)		8.2	2.8	3.0	6.3	73.4	60.0	3.6	257.0	29.39	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/02/2022	01:00	25.8	2.6	ZS	7.4	63.0	86.1	1.1	140.4	29.46	0.000
	02:00	18.8	2.4	1.4	7.6	62.8	90.0	0.8	281.7	29.48	0.000
	03:00	14.7	2.4	1.1	7.3	61.9	92.4	0.8	270.4	29.49	0.000
	04:00	18.8	2.6	0.4	7.4	60.9	95.0	1.0	99.9	29.51	0.000
	05:00	20.5	2.6	0.5	7.6	60.9	96.0	0.9	92.1	29.53	0.000
	06:00	17.7	2.6	0.3	7.8	61.2	93.9	0.6	30.7	29.55	0.000
	07:00	14.3	2.4	0.4	7.7	63.0	87.2	2.4	354.4	29.57	0.000
	08:00	12.4	2.4	1.4	8.0	66.2	76.9	2.1	356.9	29.58	0.000
	09:00	8.1	2.6	2.4	5.3	70.8	60.8	3.0	38.2	29.59	0.000
	10:00	5.6	2.6	3.3	4.8	73.6	51.0	3.9	64.7	29.60	0.000
	11:00	4.7	2.6	3.6	4.4	76.2	47.2	3.1	54.8	29.59	0.000
	12:00	4.3	2.6	4.1	4.6	78.2	46.7	4.4	88.6	29.58	0.000
	13:00	3.9	2.9	4.1	5.0	80.1	45.0	4.2	93.2	29.57	0.000
	14:00	4.1	2.9	4.6	5.6	81.8	44.1	4.0	91.0	29.57	0.000
	15:00	3.6	3.1	5.0	6.1	83.0	45.8	4.0	154.1	29.56	0.000
	16:00	3.8	3.1	4.8	6.7	83.3	45.8	4.1	164.6	29.55	0.000
	17:00	4.5	3.1	4.9	7.6	82.0	50.0	3.4	161.6	29.55	0.000
	18:00	5.8	2.9	4.6	7.7	81.5	53.6	2.3	118.1	29.55	0.000
	19:00	5.6	2.9	5.3	6.9	76.4	62.8	1.5	103.2	29.55	0.000
	20:00	6.8	2.6	4.8	6.7	71.4	75.7	1.4	104.5	29.56	0.000
21:00	6.6	2.9	4.8	6.7	72.3	69.2	3.2	121.2	29.57	0.000	
22:00	5.5	2.9	4.4	6.2	72.7	68.7	4.6	121.6	29.58	0.000	
23:00	ZS	2.6	3.8	5.4	72.7	72.1	6.7	125.4	29.58	0.000	
00:00	7.5	ZS	3.3	5.1	71.4	77.7	4.2	128.2	29.59	0.000	
Minimum		3.6	2.4	0.3	4.4	60.9	44.1	0.6	30.7	29.46	0.00
Maximum		25.8	3.1	5.3	8.0	83.3	96.0	6.7	356.9	29.60	0.00
Average (Total)		9.7	2.7	3.2	6.5	72.0	68.1	2.8	140.0	29.55	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/03/2022	01:00	7.0	2.4	ZS	5.3	69.2	85.1	1.6	125.9	29.59	0.000
	02:00	4.5	2.6	2.0	5.5	69.9	89.0	3.0	123.5	29.59	0.000
	03:00	3.9	2.4	2.0	5.6	69.7	91.1	2.9	117.1	29.60	0.000
	04:00	3.0	2.6	1.4	5.8	70.4	91.2	3.3	119.8	29.60	0.000
	05:00	3.2	2.4	0.5	6.0	69.8	92.9	3.5	123.1	29.60	0.000
	06:00	3.9	2.1	0.8	6.0	69.1	95.1	3.8	118.5	29.61	0.000
	07:00	3.8	2.1	0.6	5.9	69.2	94.5	3.5	116.3	29.62	0.000
	08:00	3.8	2.1	0.9	6.3	72.5	86.1	6.2	132.0	29.62	0.000
	09:00	1.5	2.1	0.9	6.9	74.6	81.4	5.9	138.4	29.62	0.000
	10:00	1.7	2.4	1.4	7.4	75.8	78.3	5.3	148.3	29.63	0.000
	11:00	1.1	2.4	1.6	7.7	77.2	74.6	5.5	134.9	29.62	0.000
	12:00	1.1	2.4	1.8	8.1	80.2	69.2	6.5	127.6	29.60	0.000
	13:00	1.3	2.6	2.5	8.8	81.8	64.8	5.5	153.7	29.59	0.000
	14:00	0.9	2.6	2.1	9.6	82.6	62.8	5.8	170.3	29.57	0.000
	15:00	1.3	2.6	2.9	10.6	84.0	59.5	5.8	162.9	29.55	0.000
	16:00	1.3	2.6	2.5	10.8	83.7	58.5	4.2	168.2	29.53	0.000
	17:00	1.5	2.6	2.8	10.9	84.0	57.5	6.1	181.2	29.52	0.000
	18:00	0.9	2.6	3.3	10.5	82.7	60.7	3.8	165.4	29.51	0.000
	19:00	2.6	2.6	3.0	9.6	78.8	69.3	2.0	148.8	29.50	0.000
	20:00	4.5	2.6	2.0	9.2	73.8	82.5	1.2	133.0	29.51	0.000
21:00	14.3	2.6	1.6	9.3	72.2	86.0	1.3	141.3	29.52	0.000	
22:00	8.6	2.6	1.3	9.3	73.0	83.4	2.3	142.7	29.53	0.000	
23:00	ZS	2.4	1.3	8.7	73.4	75.7	3.5	148.7	29.53	0.000	
00:00	4.1	ZS	2.1	7.9	72.6	71.6	2.3	157.4	29.53	0.000	
Minimum		0.9	2.1	0.5	5.3	69.1	57.5	1.2	116.3	29.50	0.00
Maximum		14.3	2.6	3.3	10.9	84.0	95.1	6.5	181.2	29.63	0.00
Average (Total)		3.5	2.5	1.8	8.0	75.4	77.5	3.9	141.6	29.57	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/04/2022	01:00	9.8	2.6	ZS	7.4	68.8	83.9	0.9	111.8	29.52	0.000
	02:00	10.3	2.6	1.8	7.4	67.5	90.0	2.4	113.5	29.52	0.000
	03:00	11.5	2.4	1.1	7.5	66.3	91.6	1.1	131.3	29.51	0.000
	04:00	17.7	2.6	1.3	7.9	66.1	94.7	2.4	135.7	29.51	0.000
	05:00	9.6	2.1	0.5	7.6	65.7	94.5	2.3	141.5	29.50	0.000
	06:00	13.7	2.4	0.5	7.8	65.0	97.2	1.3	122.3	29.51	0.000
	07:00	10.9	2.4	0.3	7.7	66.6	94.4	1.2	110.9	29.52	0.000
	08:00	4.7	2.6	1.8	7.9	72.1	81.3	2.0	171.4	29.52	0.000
	09:00	2.4	2.6	2.9	8.4	76.1	75.0	3.1	203.1	29.52	0.000
	10:00	2.1	2.6	3.0	9.3	79.5	69.1	3.5	168.9	29.51	0.000
	11:00	1.3	2.6	3.0	9.8	81.4	66.1	3.5	156.2	29.50	0.000
	12:00	1.1	2.6	2.6	9.9	83.3	62.2	3.7	154.3	29.49	0.000
	13:00	0.6	2.6	3.0	10.3	85.7	52.9	4.8	160.4	29.47	0.000
	14:00	0.6	2.4	3.4	10.2	86.9	50.7	5.9	164.2	29.45	0.000
	15:00	0.2	2.4	3.1	9.8	86.7	49.9	6.3	171.5	29.42	0.000
	16:00	0.4	2.4	3.1	9.7	86.2	52.5	6.9	172.3	29.41	0.000
	17:00	1.3	2.6	3.0	9.4	84.1	56.6	4.2	177.9	29.41	0.000
	18:00	2.6	2.6	2.8	8.9	81.3	63.5	3.5	213.5	29.41	0.000
	19:00	3.4	2.4	2.1	7.4	77.6	71.4	2.0	246.3	29.41	0.000
	20:00	6.4	2.4	1.6	7.0	75.4	79.0	2.1	102.2	29.42	0.000
21:00	4.7	2.4	2.8	7.7	75.0	80.1	2.3	114.3	29.43	0.000	
22:00	4.3	2.6	2.6	8.4	75.9	77.5	3.6	137.6	29.44	0.000	
23:00	ZS	2.4	3.3	7.3	75.2	75.0	4.3	137.6	29.44	0.000	
00:00	1.3	ZS	2.8	7.1	74.3	74.6	4.0	141.4	29.43	0.000	
Minimum		0.2	2.1	0.3	7.0	65.0	49.9	0.9	102.2	29.41	0.00
Maximum		17.7	2.6	3.4	10.3	86.9	97.2	6.9	246.3	29.52	0.00
Average (Total)		5.3	2.5	2.3	8.4	75.9	74.3	3.2	152.5	29.47	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/05/2022	01:00	2.8	2.4	ZS	7.3	73.2	77.0	3.2	145.7	29.43	0.000
	02:00	6.6	2.4	2.5	7.3	72.7	77.3	2.9	143.7	29.42	0.000
	03:00	3.4	2.4	3.0	7.4	72.1	77.7	4.4	134.6	29.42	0.000
	04:00	4.7	2.4	2.1	7.2	71.6	79.6	3.1	127.4	29.41	0.000
	05:00	26.1	2.4	1.6	7.2	70.8	85.5	1.4	129.5	29.42	0.024
	06:00	19.7	2.4	0.5	7.3	69.7	93.5	0.4	204.5	29.43	0.084
	07:00	11.3	2.4	0.8	7.2	69.2	96.9	1.4	89.3	29.44	0.040
	08:00	10.0	2.4	0.6	7.2	69.3	95.5	2.6	87.5	29.45	0.000
	09:00	11.8	2.4	1.1	7.4	70.1	92.8	2.8	96.4	29.45	0.000
	10:00	3.6	2.4	1.9	7.2	72.4	88.7	3.3	110.5	29.45	0.000
	11:00	1.9	2.4	2.6	7.5	75.1	80.1	1.6	116.3	29.45	0.000
	12:00	1.9	2.4	2.9	7.8	77.3	74.8	2.8	88.0	29.44	0.000
	13:00	2.4	2.6	2.6	8.2	77.9	76.7	3.3	76.1	29.43	0.000
	14:00	1.9	2.4	2.1	8.0	77.2	79.9	3.4	145.4	29.41	0.012
	15:00	3.2	2.1	1.0	7.7	75.6	89.6	3.6	204.4	29.40	0.040
	16:00	2.6	2.1	0.3	7.2	73.7	93.9	2.9	247.1	29.40	0.080
	17:00	3.0	1.8	0.4	6.8	73.2	92.9	2.4	221.4	29.40	0.032
	18:00	3.4	2.1	0.0	6.4	73.8	92.7	2.3	141.3	29.39	0.000
	19:00	5.1	2.1	-0.4	6.9	73.3	97.1	1.0	124.4	29.38	0.000
	20:00	8.3	2.1	-0.1	6.9	72.9	98.8	1.4	131.3	29.39	0.000
21:00	10.2	2.1	0.1	6.9	72.8	98.3	2.4	135.4	29.40	0.000	
22:00	8.8	2.1	0.0	6.9	72.1	97.9	1.5	123.8	29.39	0.000	
23:00	ZS	1.8	0.0	6.4	71.3	98.6	1.1	95.1	29.38	0.004	
00:00	12.8	ZS	-0.3	7.1	71.7	98.7	1.3	322.8	29.38	0.028	
Minimum		1.9	1.8	-0.4	6.4	69.2	74.8	0.4	76.1	29.38	0.00
Maximum		26.1	2.6	3.0	8.2	77.9	98.8	4.4	322.8	29.45	0.08
Average (Total)		7.2	2.3	1.1	7.2	72.9	88.9	2.4	143.4	29.42	(0.34)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/06/2022	01:00	7.3	2.1	ZS	6.7	71.4	99.0	4.0	355.7	29.36	0.048
	02:00	3.9	1.8	0.1	5.3	70.4	99.2	3.4	354.6	29.35	0.060
	03:00	3.2	1.8	-0.3	4.1	69.7	99.5	2.6	311.7	29.34	0.328
	04:00	3.8	1.8	0.1	3.7	69.2	99.6	1.6	16.7	29.32	0.180
	05:00	3.0	1.8	0.5	3.3	69.2	99.8	2.7	352.7	29.32	0.072
	06:00	2.8	1.8	0.1	3.1	69.0	99.8	3.2	15.4	29.32	0.004
	07:00	2.4	1.6	0.1	3.3	68.9	99.9	4.2	342.9	29.33	0.032
	08:00	5.3	1.6	0.4	3.4	69.1	99.3	4.7	335.4	29.33	0.008
	09:00	1.7	1.8	0.0	3.4	71.5	92.6	4.9	334.0	29.33	0.000
	10:00	2.1	1.8	1.1	3.3	74.3	82.6	5.1	325.5	29.34	0.000
	11:00	1.3	2.4	1.4	3.8	76.3	76.2	5.3	323.5	29.35	0.000
	12:00	0.8	3.9	2.4	5.3	79.1	67.5	7.4	340.9	29.33	0.000
	13:00	0.2	2.4	2.0	5.7	80.8	61.6	8.4	348.6	29.33	0.000
	14:00	1.9	2.1	2.8	5.1	82.9	56.8	6.6	0.1	29.31	0.000
	15:00	0.9	2.1	2.6	4.5	82.5	58.3	6.0	11.7	29.30	0.000
	16:00	1.9	2.1	2.6	3.6	81.7	60.2	4.4	30.3	29.29	0.000
	17:00	4.3	3.1	2.4	3.6	75.9	82.9	4.0	304.4	29.31	0.012
	18:00	6.6	1.8	1.0	3.6	74.8	90.8	3.3	295.3	29.32	0.000
	19:00	4.5	2.9	0.8	2.8	73.6	85.8	4.7	344.2	29.33	0.000
	20:00	6.8	2.1	0.8	2.9	72.3	90.5	0.5	47.1	29.34	0.000
21:00	3.4	1.8	0.6	3.3	71.9	89.4	5.6	341.9	29.36	0.000	
22:00	0.8	1.8	0.5	2.4	69.9	94.9	3.3	336.5	29.36	0.036	
23:00	ZS	1.8	0.3	3.4	69.8	98.3	0.9	337.2	29.36	0.000	
00:00	4.5	ZS	0.3	3.8	69.4	98.4	0.8	247.2	29.35	0.004	
Minimum		0.2	1.6	-0.3	2.4	68.9	56.8	0.5	0.1	29.29	0.00
Maximum		7.3	3.9	2.8	6.7	82.9	99.9	8.4	355.7	29.36	0.33
Average (Total)		3.2	2.1	1.0	3.9	73.5	86.8	4.1	252.2	29.33	(0.78)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/07/2022	01:00	6.0	1.8	ZS	3.9	69.0	99.2	1.3	247.2	29.34	0.000
	02:00	5.5	1.8	0.1	4.2	68.8	99.5	1.6	261.5	29.34	0.000
	03:00	5.5	1.8	0.1	4.7	69.4	99.1	1.8	3.5	29.33	0.000
	04:00	6.4	1.8	0.0	5.1	69.5	98.4	2.4	22.2	29.33	0.000
	05:00	6.0	1.8	0.1	4.7	69.3	99.3	1.6	48.3	29.33	0.012
	06:00	3.2	1.8	0.4	3.0	68.7	99.3	2.8	113.9	29.34	0.008
	07:00	4.5	1.6	0.1	2.4	68.5	97.8	2.8	126.2	29.35	0.004
	08:00	3.8	1.8	0.8	2.3	69.3	93.2	4.3	123.7	29.35	0.000
	09:00	3.4	1.8	0.1	3.1	69.8	92.8	3.4	115.3	29.35	0.008
	10:00	2.4	1.8	0.8	3.2	70.9	87.8	4.2	126.8	29.35	0.000
	11:00	3.2	1.8	1.1	3.6	71.4	86.7	3.4	97.1	29.35	0.000
	12:00	1.5	1.8	1.1	3.5	71.7	87.7	1.7	139.1	29.34	0.088
	13:00	2.3	1.8	1.1	4.4	69.7	91.8	2.9	8.5	29.33	0.063
	14:00	1.5	1.8	0.8	4.7	68.1	96.0	5.4	357.3	29.33	0.000
	15:00	5.6	1.8	0.6	1.4	67.9	96.0	6.2	1.6	29.32	0.000
	16:00	7.9	1.6	0.8	1.4	68.7	96.0	4.5	27.2	29.31	0.000
	17:00	2.8	1.8	0.5	2.3	68.7	94.2	3.4	30.0	29.32	0.000
	18:00	3.4	1.8	0.4	2.9	69.0	93.5	2.6	11.7	29.32	0.000
	19:00	3.2	1.8	0.6	3.2	68.4	95.3	0.2	232.0	29.32	0.000
	20:00	4.5	1.8	0.5	3.2	68.1	94.7	2.4	63.4	29.33	0.000
21:00	2.6	1.8	0.5	3.2	67.6	95.0	1.3	115.9	29.34	0.000	
22:00	2.8	1.8	0.1	4.3	67.7	95.5	1.2	13.8	29.35	0.000	
23:00	ZS	1.8	0.4	4.5	67.3	96.4	2.4	33.8	29.34	0.000	
00:00	4.1	ZS	1.0	4.6	66.9	96.5	2.9	50.5	29.33	0.000	
Minimum		1.5	1.6	0.0	1.4	66.9	86.7	0.2	1.6	29.31	0.00
Maximum		7.9	1.8	1.1	5.1	71.7	99.5	6.2	357.3	29.35	0.09
Average (Total)		4.0	1.8	0.5	3.5	68.9	95.1	2.8	98.8	29.34	(0.18)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/08/2022	01:00	11.7	2.1	ZS	4.6	66.4	97.0	1.7	66.6	29.33	0.000
	02:00	4.1	1.8	0.5	5.5	66.4	97.6	0.6	34.2	29.33	0.000
	03:00	3.2	2.1	1.0	6.5	66.4	97.1	1.2	26.1	29.32	0.000
	04:00	4.5	1.8	0.3	6.0	66.1	96.9	2.7	21.7	29.32	0.000
	05:00	4.1	1.8	0.5	5.8	65.7	97.1	2.7	34.4	29.32	0.000
	06:00	3.4	1.8	0.6	6.2	65.3	97.3	3.2	26.0	29.32	0.000
	07:00	4.7	2.1	1.0	6.5	65.7	97.4	3.1	10.1	29.33	0.000
	08:00	7.0	1.8	0.5	7.2	66.2	97.0	4.4	2.2	29.34	0.000
	09:00	8.6	2.6	1.1	7.8	68.0	89.0	4.2	8.3	29.33	0.000
	10:00	5.8	2.4	1.8	6.8	69.8	80.4	2.8	13.7	29.33	0.004
	11:00	4.1	2.1	1.8	5.2	71.7	74.2	4.1	17.7	29.33	0.000
	12:00	4.1	2.4	2.1	5.5	72.9	70.1	4.3	7.3	29.32	0.000
	13:00	2.3	2.4	2.3	4.3	73.7	66.7	4.7	8.0	29.32	0.000
	14:00	3.8	2.1	2.1	4.3	73.1	69.4	4.4	21.7	29.31	0.000
	15:00	3.0	2.1	2.6	3.7	75.2	63.9	3.7	24.8	29.29	0.000
	16:00	2.4	2.1	2.5	3.4	75.8	61.9	4.8	20.3	29.28	0.000
	17:00	2.4	2.1	2.9	3.3	75.4	62.7	3.8	17.9	29.28	0.000
	18:00	1.9	2.1	2.8	3.4	75.2	63.5	3.2	21.9	29.28	0.000
	19:00	5.6	2.1	2.0	3.4	69.3	81.4	1.4	96.3	29.27	0.000
	20:00	21.4	2.4	1.0	4.7	65.6	92.9	0.2	223.1	29.29	0.000
21:00	18.0	2.6	0.4	5.5	64.2	95.7	0.3	268.5	29.31	0.000	
22:00	14.7	2.6	1.0	5.6	62.9	97.4	0.4	212.2	29.32	0.000	
23:00	ZS	2.4	0.9	5.6	61.9	98.5	0.4	190.0	29.33	0.000	
00:00	12.6	ZS	0.8	5.2	61.8	99.0	0.6	100.7	29.34	0.000	
Minimum		1.9	1.8	0.3	3.3	61.8	61.9	0.2	2.2	29.27	0.00
Maximum		21.4	2.6	2.9	7.8	75.8	99.0	4.8	268.5	29.34	0.00
Average (Total)		6.7	2.2	1.4	5.2	68.5	85.2	2.6	61.4	29.31	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/09/2022	01:00	10.5	2.4	ZS	6.2	60.8	99.1	0.4	200.1	29.34	0.000
	02:00	10.3	2.6	0.9	6.2	60.1	94.4	0.2	77.1	29.34	0.000
	03:00	11.8	2.6	0.8	6.4	59.7	92.6	0.7	123.6	29.35	0.000
	04:00	11.1	2.4	0.8	5.4	60.4	92.6	1.3	160.1	29.36	0.000
	05:00	10.5	2.4	0.6	5.4	60.2	93.1	0.2	189.2	29.37	0.000
	06:00	9.0	2.4	1.4	4.2	58.8	93.6	0.5	104.1	29.39	0.000
	07:00	7.9	2.4	0.4	3.8	59.1	93.4	1.1	106.1	29.42	0.000
	08:00	6.6	2.1	0.6	4.1	61.2	93.1	1.1	15.7	29.43	0.000
	09:00	8.8	2.4	0.5	4.3	64.4	86.4	0.3	33.6	29.44	0.000
	10:00	9.6	2.4	2.9	4.6	70.6	72.4	0.5	352.2	29.45	0.000
	11:00	4.9	2.6	3.1	4.7	74.5	66.6	1.5	92.8	29.45	0.000
	12:00	1.1	2.4	3.8	5.3	76.7	59.9	2.8	78.1	29.43	0.000
	13:00	RC	2.4	3.8	5.9	78.6	54.9	4.2	83.8	29.43	0.000
	14:00	RC	2.4	4.0	6.4	79.5	49.7	3.6	82.0	29.42	0.000
	15:00	RC	2.4	3.5	6.2	79.9	48.3	4.8	52.2	29.41	0.000
	16:00	RC	2.4	3.8	6.0	79.2	48.2	4.4	66.9	29.42	0.000
	17:00	2.8	2.4	3.4	6.4	78.3	51.5	3.2	126.6	29.43	0.000
	18:00	7.3	2.4	4.0	7.1	77.5	52.9	3.1	128.2	29.43	0.000
	19:00	7.3	2.4	4.1	7.6	70.7	71.0	1.2	109.3	29.44	0.000
	20:00	6.4	2.4	4.0	8.2	66.8	79.2	1.6	137.7	29.47	0.000
21:00	8.6	2.4	2.9	8.1	64.3	82.7	0.4	113.3	29.49	0.000	
22:00	9.4	2.4	3.3	8.5	64.3	72.2	2.7	137.8	29.51	0.000	
23:00	ZS	2.4	2.5	7.7	60.8	79.9	0.9	147.5	29.52	0.000	
00:00	9.4	ZS	1.6	8.1	59.1	83.3	0.9	172.8	29.54	0.000	
Minimum		1.1	2.1	0.4	3.8	58.8	48.2	0.2	15.7	29.34	0.00
Maximum		11.8	2.6	4.1	8.5	79.9	99.1	4.8	352.2	29.54	0.00
Average (Total)		8.1	2.4	2.5	6.1	67.7	75.5	1.7	120.4	29.43	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/10/2022	01:00	8.1	2.4	ZS	24.3	57.8	90.2	0.2	24.6	29.55	0.000
	02:00	8.6	2.6	1.5	17.2	56.5	93.7	0.3	113.7	29.55	0.000
	03:00	12.2	2.4	1.1	12.2	56.5	94.8	0.3	111.7	29.56	0.000
	04:00	9.4	2.4	0.9	9.7	56.3	94.9	0.1	323.6	29.56	0.000
	05:00	9.2	2.4	0.6	8.8	57.2	94.9	1.0	124.1	29.57	0.000
	06:00	7.3	2.1	1.1	8.5	57.3	95.2	0.2	61.2	29.58	0.000
	07:00	8.8	2.4	0.5	13.2	59.6	95.0	2.0	100.2	29.59	0.000
	08:00	6.4	2.1	0.3	8.6	64.1	88.9	2.7	105.5	29.60	0.000
	09:00	3.2	2.4	1.5	8.4	68.1	79.5	3.7	109.3	29.60	0.000
	10:00	1.3	2.4	1.6	8.9	70.2	71.6	5.4	123.2	29.62	0.000
	11:00	0.6	2.4	2.1	8.5	70.9	70.3	4.8	119.8	29.62	0.000
	12:00	0.9	2.4	2.6	8.4	72.8	66.8	5.2	135.8	29.61	0.000
	13:00	0.8	2.4	2.5	8.0	73.4	64.3	4.5	156.8	29.60	0.000
	14:00	0.4	2.4	1.8	7.9	74.6	63.0	4.4	161.1	29.59	0.000
	15:00	0.4	2.4	2.3	7.7	75.7	62.7	4.6	180.2	29.58	0.000
	16:00	1.7	2.4	1.9	7.7	75.5	63.6	4.1	187.8	29.56	0.000
	17:00	1.1	2.4	1.8	7.6	74.6	66.6	2.1	214.4	29.55	0.000
	18:00	4.1	2.1	0.8	7.6	72.3	78.1	0.5	50.0	29.55	0.000
	19:00	5.5	2.1	0.0	7.6	71.2	84.2	0.8	2.3	29.56	0.000
	20:00	5.5	2.1	0.0	7.4	70.6	83.7	0.8	29.1	29.57	0.000
21:00	5.8	2.1	-0.1	8.0	69.0	89.7	0.3	52.3	29.58	0.000	
22:00	6.4	2.1	0.3	8.8	68.3	94.0	1.2	159.4	29.58	0.000	
23:00	ZS	2.1	0.0	7.4	67.8	93.7	0.8	158.9	29.57	0.000	
00:00	4.7	ZS	-0.1	7.2	67.0	97.2	1.3	172.4	29.57	0.000	
Minimum		0.4	2.1	-0.1	7.2	56.3	62.7	0.1	2.3	29.55	0.00
Maximum		12.2	2.6	2.6	24.3	75.7	97.2	5.4	323.6	29.62	0.00
Average (Total)		4.9	2.3	1.1	9.6	67.0	82.4	2.1	124.1	29.58	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/11/2022	01:00	3.2	2.1	ZS	6.9	66.3	98.5	0.3	138.3	29.57	0.000
	02:00	8.5	2.1	0.4	6.4	66.4	99.4	2.5	38.5	29.54	0.000
	03:00	6.6	1.8	0.1	6.1	66.2	99.5	2.5	61.5	29.52	0.000
	04:00	6.2	2.1	-0.6	5.8	66.4	99.5	1.4	49.7	29.50	0.000
	05:00	3.6	1.8	0.1	5.4	66.3	99.2	0.5	0.3	29.49	0.000
	06:00	3.8	1.8	-0.3	5.4	66.4	98.5	1.7	30.9	29.49	0.000
	07:00	5.1	2.1	-0.4	5.1	66.8	99.1	1.9	46.9	29.49	0.000
	08:00	3.6	1.8	-0.1	3.8	67.6	99.6	2.3	88.2	29.47	0.000
	09:00	2.6	1.8	-0.5	3.0	68.1	98.8	4.3	114.3	29.47	0.000
	10:00	2.6	2.1	-0.5	2.2	68.6	98.1	3.3	107.2	29.46	0.000
	11:00	1.9	2.1	-0.6	1.6	70.1	96.1	3.1	106.1	29.45	0.000
	12:00	1.5	1.8	-0.4	1.3	72.1	92.2	2.7	131.5	29.43	0.000
	13:00	1.3	1.8	0.0	1.8	73.2	88.5	0.3	137.0	29.41	0.000
	14:00	1.5	1.8	0.0	2.1	74.6	84.4	1.0	342.0	29.39	0.000
	15:00	1.5	1.8	0.1	2.6	76.2	77.4	0.7	21.9	29.36	0.000
	16:00	1.1	1.8	0.1	3.0	76.4	79.8	2.6	54.6	29.34	0.000
	17:00	0.9	1.8	0.0	3.0	75.8	83.5	3.2	39.1	29.34	0.000
	18:00	3.2	1.6	0.4	3.1	75.0	86.8	3.5	50.7	29.33	0.000
	19:00	2.3	1.8	-0.5	3.5	73.5	91.3	2.0	32.4	29.33	0.000
	20:00	2.8	1.6	-0.8	3.7	71.8	95.8	1.0	1.7	29.34	0.000
21:00	6.2	1.6	-0.5	4.1	71.2	97.6	1.3	341.1	29.33	0.000	
22:00	6.8	1.8	0.1	4.9	70.2	98.2	2.8	0.8	29.32	0.000	
23:00	ZS	1.6	-0.1	4.6	69.2	99.4	2.2	14.1	29.32	0.000	
00:00	8.1	ZS	-0.1	4.5	68.5	99.9	1.1	16.2	29.31	0.000	
Minimum		0.9	1.6	-0.8	1.3	66.2	77.4	0.3	0.3	29.31	0.00
Maximum		8.5	2.1	0.4	6.9	76.4	99.9	4.3	342.0	29.57	0.00
Average (Total)		3.7	1.8	-0.2	3.9	70.3	94.2	2.0	81.9	29.42	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/12/2022	01:00	7.1	1.8	ZS	4.1	68.4	99.9	1.8	356.4	29.29	0.000
	02:00	5.8	1.8	-0.6	4.6	68.4	99.9	1.1	345.2	29.27	0.000
	03:00	5.6	1.8	-1.0	4.3	68.3	99.9	0.9	332.2	29.26	0.000
	04:00	6.2	1.8	-0.6	4.4	68.4	100.0	0.5	342.5	29.25	0.000
	05:00	6.2	1.8	-0.6	4.1	68.4	100.0	0.3	39.4	29.24	0.000
	06:00	7.3	1.8	-0.5	3.6	68.6	100.0	1.0	155.5	29.24	0.000
	07:00	7.7	1.6	-0.4	3.5	68.8	100.0	1.2	201.5	29.25	0.000
	08:00	5.6	1.8	-0.6	3.4	68.8	100.0	1.6	317.2	29.25	0.000
	09:00	5.1	1.8	0.0	5.6	69.5	99.9	0.2	71.1	29.25	0.000
	10:00	3.9	1.8	0.9	6.7	73.0	92.5	2.0	168.0	29.26	0.000
	11:00	4.5	2.1	1.4	6.1	75.6	79.4	0.6	225.3	29.25	0.000
	12:00	4.7	2.9	1.8	7.5	77.5	74.9	1.7	99.1	29.23	0.000
	13:00	3.4	2.6	2.3	8.0	78.7	70.0	2.9	52.0	29.20	0.000
	14:00	3.8	2.1	0.4	4.4	70.2	93.0	5.6	312.7	29.21	0.000
	15:00	3.6	1.8	0.0	3.1	69.9	95.0	4.4	103.0	29.19	0.000
	16:00	4.1	1.8	0.3	2.6	70.7	96.5	2.9	103.6	29.18	0.000
	17:00	2.8	1.8	0.1	2.2	71.4	96.4	2.9	132.8	29.16	0.000
	18:00	7.3	1.6	-0.5	3.3	71.1	97.1	1.5	192.3	29.14	0.000
	19:00	6.0	1.6	-0.1	3.4	70.5	98.4	0.9	255.7	29.16	0.000
	20:00	7.0	1.6	-0.3	3.6	70.2	99.1	0.2	267.8	29.18	0.000
21:00	12.4	1.6	-0.5	4.0	69.0	99.2	0.5	326.3	29.19	0.000	
22:00	9.4	1.8	-0.4	4.8	68.8	99.9	0.6	110.4	29.20	0.000	
23:00	ZS	1.8	-0.4	4.9	68.4	99.8	0.4	91.6	29.20	0.000	
00:00	5.8	ZS	-0.3	5.7	67.9	99.9	1.7	255.5	29.19	0.000	
Minimum		2.8	1.6	-1.0	2.2	67.9	70.0	0.2	39.4	29.14	0.00
Maximum		12.4	2.9	2.3	8.0	78.7	100.0	5.6	356.4	29.29	0.00
Average (Total)		5.9	1.9	0.0	4.5	70.4	95.4	1.5	202.4	29.22	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/13/2022	01:00	5.1	1.8	ZS	5.5	67.9	99.6	1.5	247.7	29.18	0.000
	02:00	3.9	1.8	0.0	7.4	66.9	97.5	2.4	241.1	29.17	0.000
	03:00	3.9	1.8	0.5	8.5	65.5	95.3	2.0	266.1	29.17	0.000
	04:00	1.3	1.8	0.9	8.9	65.0	96.8	1.6	280.9	29.17	0.000
	05:00	1.3	2.1	0.5	9.5	65.3	93.6	2.2	295.5	29.18	0.000
	06:00	7.3	1.8	0.6	9.0	64.8	90.2	3.2	290.3	29.20	0.000
	07:00	13.3	1.8	0.9	7.9	64.5	86.5	2.6	291.6	29.22	0.000
	08:00	10.7	2.4	1.4	7.3	66.7	76.4	3.1	285.5	29.23	0.000
	09:00	4.9	2.9	1.9	6.2	68.6	68.0	5.4	269.7	29.23	0.000
	10:00	2.6	2.9	2.1	5.4	70.8	57.0	6.7	274.7	29.23	0.000
	11:00	1.7	2.9	2.4	5.0	72.5	48.7	5.0	271.9	29.23	0.000
	12:00	1.7	2.4	2.4	5.1	74.2	44.8	4.9	272.1	29.22	0.000
	13:00	1.9	2.4	2.6	5.4	75.1	44.6	7.3	256.7	29.21	0.000
	14:00	1.9	2.4	2.3	5.3	76.7	40.7	7.5	256.4	29.20	0.000
	15:00	2.3	2.4	2.5	5.2	76.3	41.7	6.5	246.8	29.19	0.000
	16:00	1.9	2.4	2.6	5.2	77.3	37.5	8.3	271.5	29.18	0.000
	17:00	2.1	2.4	2.6	5.0	76.6	37.9	7.7	279.9	29.19	0.000
	18:00	2.3	2.6	2.5	5.2	73.9	42.4	6.8	281.2	29.22	0.000
	19:00	7.1	2.6	2.0	5.6	70.2	48.8	4.8	292.3	29.24	0.000
	20:00	7.3	2.6	2.0	6.1	66.7	56.6	4.0	284.5	29.27	0.000
21:00	5.8	2.9	1.5	6.4	65.7	59.7	4.4	290.9	29.29	0.000	
22:00	3.9	2.9	1.6	6.4	65.2	61.2	4.4	293.8	29.31	0.000	
23:00	ZS	2.6	1.6	6.3	61.7	69.3	2.2	285.4	29.32	0.000	
00:00	5.6	ZS	1.4	6.5	59.9	74.8	4.1	270.7	29.33	0.000	
Minimum		1.3	1.8	0.0	5.0	59.9	37.5	1.5	241.1	29.17	0.00
Maximum		13.3	2.9	2.6	9.5	77.3	99.6	8.3	295.5	29.33	0.00
Average (Total)		4.3	2.4	1.7	6.4	69.1	65.4	4.5	274.9	29.22	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/14/2022	01:00	4.7	2.6	ZS	6.4	58.6	79.1	2.4	238.5	29.34	0.000
	02:00	3.4	2.6	1.1	5.9	57.5	80.4	4.3	238.6	29.35	0.000
	03:00	5.1	2.6	1.3	4.9	57.3	78.8	4.3	259.9	29.35	0.000
	04:00	4.9	2.6	1.0	4.8	55.4	83.4	2.2	197.0	29.36	0.000
	05:00	7.5	2.4	1.5	5.0	54.6	85.9	2.3	211.7	29.38	0.000
	06:00	15.0	2.6	1.3	4.8	55.0	83.7	4.2	240.6	29.40	0.000
	07:00	12.4	2.6	1.0	4.6	57.0	78.8	4.5	251.7	29.41	0.000
	08:00	6.6	2.9	1.6	4.2	61.2	71.9	3.4	265.9	29.43	0.000
	09:00	4.5	3.4	1.8	4.4	65.1	65.7	3.6	267.8	29.44	0.000
	10:00	3.6	3.1	2.1	5.2	68.7	60.4	4.9	293.0	29.45	0.000
	11:00	3.0	3.1	2.4	4.9	71.4	56.2	7.4	296.8	29.45	0.000
	12:00	5.5	3.4	2.5	5.6	73.1	53.4	7.8	312.5	29.45	0.000
	13:00	3.6	3.7	2.6	6.3	73.7	51.8	6.9	314.7	29.45	0.000
	14:00	2.3	2.9	2.8	6.5	74.9	51.0	6.8	329.7	29.44	0.000
	15:00	2.6	3.1	2.9	6.5	76.1	50.3	6.9	321.7	29.43	0.000
	16:00	1.7	2.6	3.1	6.1	76.5	50.9	7.8	344.1	29.42	0.000
	17:00	2.4	2.6	2.4	6.2	76.9	50.7	6.3	331.4	29.42	0.000
	18:00	5.1	2.9	2.1	7.3	75.0	54.7	5.6	343.9	29.43	0.000
	19:00	4.9	2.6	1.4	8.1	70.6	64.4	1.5	320.3	29.44	0.000
	20:00	20.1	3.1	1.4	8.3	63.6	85.1	0.8	234.5	29.46	0.000
21:00	17.5	2.9	1.3	8.9	61.9	90.6	0.4	181.6	29.48	0.000	
22:00	10.5	2.6	0.9	9.3	60.7	93.5	1.1	227.8	29.50	0.000	
23:00	ZS	2.4	0.9	9.1	61.3	90.4	3.1	257.6	29.51	0.000	
00:00	9.0	ZS	1.5	8.4	60.5	91.2	1.5	165.2	29.51	0.000	
Minimum		1.7	2.4	0.9	4.2	54.6	50.3	0.4	165.2	29.34	0.00
Maximum		20.1	3.7	3.1	9.3	76.9	93.5	7.8	344.1	29.51	0.00
Average (Total)		6.8	2.8	1.8	6.3	65.3	70.9	4.2	268.6	29.43	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/15/2022	01:00	5.1	2.4	2.8	7.4	59.6	93.9	2.2	217.8	29.51	0.000
	02:00	5.6	2.4	1.5	7.2	59.9	90.4	3.3	246.7	29.52	0.000
	03:00	7.7	2.4	0.5	7.4	60.8	87.9	3.4	238.6	29.52	0.000
	04:00	27.3	2.4	0.4	7.5	57.9	94.6	0.7	135.0	29.53	0.000
	05:00	18.4	2.6	0.0	7.9	56.8	97.2	0.6	67.1	29.54	0.000
	06:00	15.0	2.6	0.0	8.8	55.9	98.7	0.2	346.0	29.55	0.000
	07:00	13.2	2.9	0.1	8.4	57.7	96.8	0.6	141.7	29.58	0.000
	08:00	17.1	2.6	0.8	10.0	63.8	81.6	2.9	294.1	29.58	0.000
	09:00	13.2	2.9	1.8	9.2	67.1	74.2	2.7	285.4	29.58	0.000
	10:00	7.5	4.5	2.4	10.7	71.0	66.7	4.7	329.2	29.58	0.000
	11:00	2.3	3.4	2.3	11.4	73.6	58.7	7.8	336.4	29.58	0.000
	12:00	2.8	3.1	2.3	11.5	75.0	56.1	8.2	343.2	29.57	0.000
	13:00	1.9	2.9	2.5	11.3	76.9	49.5	7.8	346.5	29.56	0.000
	14:00	2.6	2.9	2.3	10.2	78.0	44.1	8.7	354.6	29.54	0.000
	15:00	1.5	2.9	2.1	9.6	78.7	42.3	7.7	352.4	29.52	0.000
	16:00	2.1	2.9	2.9	9.8	78.3	46.8	6.0	23.4	29.52	0.000
	17:00	4.5	2.9	2.1	8.3	77.3	47.5	5.2	37.8	29.52	0.000
	18:00	3.4	2.6	2.1	7.3	74.6	50.3	3.8	31.8	29.54	0.000
	19:00	7.0	2.9	1.6	6.8	66.9	66.8	1.1	30.7	29.54	0.000
	20:00	19.4	2.6	1.4	9.5	60.6	85.6	0.3	93.4	29.56	0.000
21:00	15.0	2.6	0.9	8.7	58.6	88.9	0.1	103.0	29.58	0.000	
22:00	12.8	2.6	0.1	8.0	57.6	90.8	0.5	229.9	29.59	0.000	
23:00	ZS	2.6	0.3	7.4	56.0	91.6	0.1	221.5	29.60	0.000	
00:00	8.5	ZS	0.8	7.8	55.1	93.3	0.0	229.3	29.60	0.000	
Minimum		1.5	2.4	0.0	6.8	55.1	42.3	0.0	23.4	29.51	0.00
Maximum		27.3	4.5	2.9	11.5	78.7	98.7	8.7	354.6	29.60	0.00
Average (Total)		9.3	2.8	1.4	8.8	65.7	74.7	3.3	209.8	29.55	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/16/2022	01:00	14.1	2.6	ZS	8.5	54.3	96.4	0.0	0.0	29.59	0.000
	02:00	11.8	2.6	0.3	8.4	53.4	97.4	0.1	259.9	29.59	0.000
	03:00	10.2	2.6	0.4	8.9	52.8	98.3	0.2	263.6	29.59	0.000
	04:00	13.5	2.6	0.0	9.2	52.0	99.1	0.0	48.3	29.58	0.000
	05:00	9.6	2.6	0.6	9.2	51.9	99.7	0.1	158.0	29.58	0.000
	06:00	10.9	2.6	0.8	8.7	51.3	99.9	0.4	192.1	29.59	0.000
	07:00	10.9	3.1	0.5	8.9	52.2	99.8	0.1	223.2	29.60	0.000
	08:00	17.5	3.4	-0.1	11.6	56.8	91.5	0.8	291.4	29.62	0.000
	09:00	15.8	2.9	0.8	10.8	61.3	75.1	0.4	301.6	29.61	0.000
	10:00	9.6	2.9	3.0	9.2	65.7	66.6	0.4	193.3	29.62	0.000
	11:00	7.7	3.4	2.8	9.4	MM	MM	MM	MM	MM	IV
	12:00	6.4	4.2	2.8	9.6	73.1	55.7	1.2	343.8	29.59	0.000
	13:00	3.6	3.9	3.0	10.7	75.6	52.4	3.4	13.5	29.58	0.000
	14:00	4.1	3.7	3.4	11.2	77.1	49.8	1.3	8.9	29.56	0.000
	15:00	3.8	3.4	3.1	11.8	77.4	49.9	1.0	283.5	29.54	0.000
	16:00	3.8	3.4	3.5	11.8	78.2	48.5	2.1	12.8	29.53	0.000
	17:00	4.7	3.4	3.1	11.6	77.2	53.4	2.1	60.7	29.52	0.000
	18:00	4.7	3.1	2.9	11.1	72.1	71.2	1.9	98.4	29.53	0.000
	19:00	12.2	2.9	2.8	11.5	67.6	79.4	2.5	152.4	29.54	0.000
	20:00	28.0	2.6	2.8	13.6	65.1	84.6	2.2	166.2	29.55	0.000
21:00	17.5	2.6	1.8	14.8	65.2	83.8	1.7	166.1	29.57	0.000	
22:00	12.4	2.6	1.0	14.1	61.7	92.1	0.2	254.0	29.57	0.000	
23:00	ZS	2.6	0.4	13.6	60.2	94.6	0.2	32.0	29.58	0.000	
00:00	16.4	ZS	0.6	15.4	59.2	95.3	0.0	98.6	29.58	0.000	
Minimum		3.6	2.6	-0.1	8.4	51.3	48.5	0.0	0.0	29.52	0.00
Maximum		28.0	4.2	3.5	15.4	78.2	99.9	3.4	343.8	29.62	0.00
Average (Total)		10.8	3.0	1.8	11.0	63.6	79.8	1.0	157.5	29.57	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/17/2022	01:00	12.8	2.4	ZS	15.6	58.3	96.2	0.3	153.0	29.59	0.000
	02:00	10.7	2.6	0.4	14.2	57.8	96.9	0.6	267.6	29.58	0.000
	03:00	5.8	2.4	0.1	13.9	57.6	98.2	1.0	232.8	29.59	0.000
	04:00	7.0	2.6	0.0	13.9	56.9	98.8	0.0	222.7	29.59	0.000
	05:00	6.4	2.4	0.1	15.0	56.4	98.6	0.1	22.5	29.60	0.000
	06:00	6.6	2.4	0.1	16.4	56.3	98.0	0.3	153.5	29.60	0.000
	07:00	6.0	2.6	0.4	15.9	56.7	98.6	0.1	207.0	29.61	0.000
	08:00	8.8	2.6	-0.1	12.2	59.2	98.1	0.6	96.3	29.63	0.000
	09:00	9.8	2.4	1.0	13.2	61.6	97.8	1.2	148.6	29.63	0.000
	10:00	11.3	2.4	3.1	16.4	64.6	89.8	1.7	194.0	29.63	0.000
	11:00	7.0	2.9	4.1	15.6	70.6	72.2	2.3	172.1	29.62	0.000
	12:00	3.2	2.9	4.0	13.0	75.7	62.5	3.7	158.1	29.60	0.000
	13:00	2.4	2.9	3.6	12.4	77.2	59.8	4.3	142.6	29.59	0.000
	14:00	2.1	2.9	3.3	12.4	77.9	56.4	5.1	144.9	29.57	0.000
	15:00	2.1	2.9	3.8	12.6	77.9	59.0	6.1	142.6	29.56	0.000
	16:00	2.3	3.1	3.1	13.0	78.3	57.9	6.2	153.0	29.55	0.000
	17:00	2.6	2.9	3.4	12.8	77.1	59.5	5.8	144.1	29.54	0.000
	18:00	4.7	2.9	3.3	12.1	74.5	63.5	4.3	145.0	29.54	0.000
	19:00	5.6	2.6	2.8	12.0	69.8	73.7	1.9	143.2	29.53	0.000
	20:00	10.0	2.6	2.9	12.7	66.7	80.9	2.4	137.9	29.54	0.000
21:00	16.4	2.4	2.5	13.8	67.0	77.6	3.3	139.8	29.54	0.000	
22:00	14.7	2.4	2.3	13.4	65.4	80.9	2.6	152.9	29.54	0.000	
23:00	ZS	2.6	1.8	16.6	64.4	82.6	2.6	160.9	29.53	0.000	
00:00	17.9	ZS	2.0	13.6	64.3	82.5	2.8	155.7	29.52	0.000	
Minimum		2.1	2.4	-0.1	12.0	56.3	56.4	0.0	22.5	29.52	0.00
Maximum		17.9	3.1	4.1	16.6	78.3	98.8	6.2	267.6	29.63	0.00
Average (Total)		7.7	2.6	2.1	13.9	66.3	80.8	2.5	157.9	29.58	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/18/2022	01:00	26.1	2.4	ZS	13.3	62.8	85.4	3.4	150.2	29.52	0.000
	02:00	14.1	2.6	1.3	14.2	62.0	87.1	2.8	168.5	29.51	0.000
	03:00	8.1	2.4	1.0	14.0	60.9	89.1	3.4	149.1	29.50	0.000
	04:00	5.8	2.4	0.9	13.8	60.8	89.6	3.6	164.0	29.49	0.000
	05:00	4.3	2.4	1.0	14.2	60.2	90.6	2.7	190.6	29.49	0.000
	06:00	5.6	2.4	0.8	13.9	58.7	91.7	2.4	152.4	29.50	0.000
	07:00	14.9	2.4	0.9	12.0	59.4	91.9	3.1	157.5	29.50	0.000
	08:00	6.2	2.4	1.0	12.3	63.1	84.4	3.8	175.2	29.51	0.000
	09:00	4.3	2.4	2.9	12.1	67.6	77.3	4.0	192.5	29.51	0.000
	10:00	2.8	2.4	2.4	11.7	71.7	68.2	3.5	215.2	29.51	0.000
	11:00	2.3	2.4	3.4	11.9	74.9	62.0	3.8	214.1	29.49	0.000
	12:00	1.9	2.6	3.3	11.8	77.8	57.4	2.5	205.5	29.48	0.000
	13:00	1.9	2.6	3.6	12.0	79.8	53.5	2.1	212.8	29.46	0.000
	14:00	2.1	2.9	3.4	12.2	81.3	48.5	2.0	231.7	29.44	0.000
	15:00	1.9	2.6	3.1	12.2	81.5	47.9	3.8	194.2	29.42	0.000
	16:00	2.1	2.9	3.3	12.4	80.7	49.3	3.9	166.7	29.41	0.000
	17:00	2.4	2.6	3.0	12.2	79.9	49.5	4.2	186.1	29.40	0.000
	18:00	5.8	2.6	3.3	12.0	78.0	52.5	2.4	174.3	29.39	0.000
	19:00	15.6	2.9	2.6	11.7	73.4	64.2	2.3	163.0	29.40	0.000
	20:00	16.9	2.6	2.6	11.7	71.6	69.9	2.7	184.7	29.41	0.000
21:00	8.8	2.6	1.5	12.2	70.1	72.5	3.1	204.9	29.41	0.000	
22:00	3.9	2.4	2.0	11.5	68.8	76.8	3.8	221.6	29.41	0.000	
23:00	ZS	2.4	1.5	11.9	69.0	75.8	3.9	227.8	29.41	0.000	
00:00	5.5	ZS	1.5	12.2	67.1	79.8	3.3	206.2	29.40	0.000	
Minimum		1.9	2.4	0.8	11.5	58.7	47.9	2.0	149.1	29.39	0.00
Maximum		26.1	2.9	3.6	14.2	81.5	91.9	4.2	231.7	29.52	0.00
Average (Total)		7.1	2.5	2.2	12.5	70.0	71.4	3.2	187.9	29.46	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/19/2022	01:00	5.5	2.4	ZS	12.5	66.9	81.2	3.6	224.5	29.39	0.000
	02:00	5.3	2.4	1.0	12.3	65.5	84.5	2.6	224.7	29.39	0.000
	03:00	6.8	2.6	0.4	12.8	64.5	86.9	3.0	200.1	29.39	0.000
	04:00	7.1	2.4	0.4	12.8	63.9	86.6	2.9	190.6	29.38	0.000
	05:00	9.8	2.4	0.6	13.3	62.8	88.6	2.6	196.4	29.39	0.000
	06:00	10.2	2.4	0.5	13.7	61.8	89.4	2.1	164.4	29.39	0.000
	07:00	11.3	2.4	1.0	13.3	62.2	89.3	3.1	171.2	29.39	0.000
	08:00	7.7	2.4	1.4	13.4	66.1	79.9	4.3	196.1	29.39	0.000
	09:00	6.4	2.4	2.0	12.8	70.9	71.3	6.2	211.5	29.38	0.000
	10:00	4.9	2.6	2.8	12.7	75.5	64.4	5.9	203.0	29.37	0.000
	11:00	3.9	2.6	3.1	12.3	77.0	59.4	6.3	201.4	29.36	0.000
	12:00	3.0	2.6	3.8	11.8	79.2	56.7	6.7	221.5	29.35	0.000
	13:00	4.3	2.6	3.6	11.9	78.6	56.0	4.1	215.8	29.33	0.000
	14:00	5.8	2.6	3.5	11.5	78.1	59.2	4.7	181.8	29.30	0.000
	15:00	3.4	2.6	3.3	10.8	79.6	56.1	4.4	220.8	29.29	0.000
	16:00	3.0	2.6	3.8	11.6	80.9	53.2	5.9	216.8	29.28	0.000
	17:00	3.0	2.6	4.1	12.2	79.9	54.5	6.8	221.9	29.27	0.000
	18:00	3.9	2.6	4.0	11.6	77.2	62.3	3.4	192.0	29.27	0.000
	19:00	4.1	2.4	2.4	10.0	73.9	69.3	3.7	223.5	29.28	0.000
	20:00	3.9	2.4	1.9	8.2	71.8	71.1	2.2	212.6	29.29	0.000
21:00	4.3	2.4	1.8	6.9	69.0	77.4	2.6	213.3	29.30	0.000	
22:00	6.8	2.4	1.3	6.7	68.4	78.0	3.2	161.2	29.31	0.000	
23:00	ZS	2.6	1.5	6.5	65.8	83.7	1.9	146.2	29.32	0.000	
00:00	5.8	ZS	1.3	7.0	65.7	85.0	3.7	191.3	29.32	0.000	
Minimum		3.0	2.4	0.4	6.5	61.8	53.2	1.9	146.2	29.27	0.00
Maximum		11.3	2.6	4.1	13.7	80.9	89.4	6.8	224.7	29.39	0.00
Average (Total)		5.7	2.5	2.2	11.2	71.0	72.7	4.0	200.1	29.34	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/20/2022	01:00	5.1	2.6	ZS	7.9	65.5	86.7	2.1	207.2	29.31	0.000
	02:00	6.6	2.4	0.9	8.4	65.0	88.6	2.9	241.0	29.31	0.000
	03:00	9.8	2.6	0.6	9.1	66.7	86.8	0.9	239.7	29.31	0.000
	04:00	15.6	2.4	0.4	8.6	66.5	90.4	0.2	284.3	29.32	0.000
	05:00	15.8	2.4	0.5	8.8	64.6	90.8	0.5	7.8	29.33	0.000
	06:00	2.1	2.4	0.0	9.6	62.7	98.4	1.7	301.6	29.34	0.000
	07:00	6.0	2.6	0.1	10.5	64.2	94.0	3.3	292.6	29.36	0.000
	08:00	2.3	2.4	0.6	11.8	69.0	70.1	1.6	280.9	29.36	0.000
	09:00	0.6	2.9	1.8	10.8	73.1	58.4	3.5	300.5	29.36	0.000
	10:00	1.5	3.7	1.8	10.3	75.9	49.2	6.3	301.0	29.37	0.000
	11:00	3.4	3.7	2.6	10.2	78.0	44.8	6.9	318.5	29.37	0.000
	12:00	3.6	3.4	3.0	9.6	79.2	43.4	6.5	320.4	29.37	0.000
	13:00	2.4	3.4	3.3	9.7	80.0	43.4	5.9	295.5	29.35	0.000
	14:00	2.4	3.1	2.9	9.8	81.9	39.9	7.4	299.4	29.34	0.000
	15:00	2.4	3.1	2.8	9.9	83.2	36.7	5.7	326.3	29.32	0.000
	16:00	1.7	3.7	2.9	9.9	82.5	37.4	6.2	342.0	29.33	0.000
	17:00	2.1	3.9	2.4	9.3	80.8	39.9	6.0	344.7	29.34	0.000
	18:00	2.4	3.7	2.0	8.9	77.7	44.6	4.3	346.9	29.35	0.000
	19:00	9.8	3.4	2.1	9.3	72.3	55.3	2.8	321.6	29.35	0.000
	20:00	22.0	2.9	2.0	9.9	67.9	62.2	1.0	307.7	29.37	0.000
21:00	15.6	2.9	1.0	10.1	62.8	77.4	0.7	253.8	29.38	0.000	
22:00	10.7	2.9	1.4	10.6	60.6	83.2	0.7	257.7	29.38	0.000	
23:00	ZS	2.6	1.0	10.9	60.1	86.6	0.8	187.8	29.39	0.000	
00:00	8.8	ZS	0.4	10.7	60.1	86.4	0.6	213.6	29.39	0.000	
Minimum		0.6	2.4	0.0	7.9	60.1	36.7	0.2	7.8	29.31	0.00
Maximum		22.0	3.9	3.3	11.8	83.2	98.4	7.4	346.9	29.39	0.00
Average (Total)		6.6	3.0	1.6	9.8	70.9	66.4	3.3	274.7	29.35	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/21/2022	01:00	10.3	2.6	ZS	10.6	58.5	89.4	0.7	117.5	29.38	0.000
	02:00	11.8	2.6	0.8	10.6	58.0	92.1	0.5	179.7	29.38	0.000
	03:00	9.6	2.6	0.6	10.6	56.3	95.0	0.8	138.4	29.38	0.000
	04:00	11.8	2.6	0.3	10.5	56.1	96.1	1.5	134.2	29.37	0.000
	05:00	11.1	2.6	0.3	11.0	57.8	93.2	3.3	183.6	29.37	0.000
	06:00	12.2	2.6	0.4	11.0	56.0	92.9	0.3	125.2	29.38	0.000
	07:00	20.1	2.6	0.6	11.5	56.9	91.5	1.8	158.2	29.39	0.000
	08:00	11.7	2.6	1.4	11.4	61.7	83.7	3.1	174.7	29.39	0.000
	09:00	9.8	2.9	2.3	10.7	66.2	75.2	1.5	194.8	29.40	0.000
	10:00	8.1	3.4	2.5	10.7	70.7	63.0	0.8	179.6	29.39	0.000
	11:00	6.6	3.7	3.5	10.6	75.0	59.5	3.5	174.1	29.37	0.000
	12:00	4.5	3.7	3.4	10.1	78.1	57.4	5.4	175.0	29.34	0.000
	13:00	2.8	3.9	2.5	9.4	80.2	51.3	6.7	190.8	29.32	0.000
	14:00	2.6	3.9	3.1	9.2	81.9	46.3	6.2	198.1	29.30	0.000
	15:00	3.2	3.7	3.4	8.5	82.3	45.1	5.7	188.6	29.27	0.000
	16:00	3.4	3.4	3.6	8.3	82.9	45.6	5.1	194.9	29.25	0.000
	17:00	4.9	3.4	4.0	8.9	81.0	52.2	3.5	167.4	29.25	0.000
	18:00	3.4	2.9	3.4	9.2	78.7	59.3	3.8	149.6	29.24	0.000
	19:00	5.8	2.9	3.5	9.3	75.4	66.2	4.8	152.4	29.23	0.000
	20:00	6.0	2.6	2.9	9.5	73.3	69.1	3.9	152.5	29.22	0.000
21:00	6.6	2.6	3.6	9.4	72.0	70.5	4.4	180.4	29.21	0.000	
22:00	5.8	2.9	3.5	9.1	71.4	70.9	4.7	199.8	29.20	0.000	
23:00	ZS	2.6	4.1	8.9	72.7	67.0	6.2	208.6	29.20	0.000	
00:00	8.5	ZS	3.5	8.4	72.1	68.6	6.2	184.7	29.18	0.000	
Minimum		2.6	2.6	0.3	8.3	56.0	45.1	0.3	117.5	29.18	0.00
Maximum		20.1	3.9	4.1	11.5	82.9	96.1	6.7	208.6	29.40	0.00
Average (Total)		7.9	3.0	2.5	9.9	69.8	70.9	3.5	170.9	29.31	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/22/2022	01:00	6.0	2.6	ZS	8.5	70.8	73.3	6.2	178.1	29.15	0.000
	02:00	5.1	2.4	3.3	8.3	70.1	76.3	4.7	184.7	29.13	0.000
	03:00	6.6	2.6	2.4	8.4	69.7	79.0	3.2	184.4	29.12	0.000
	04:00	8.3	2.6	2.8	8.6	71.7	75.6	5.8	195.4	29.10	0.000
	05:00	9.2	2.6	2.8	8.1	70.7	78.0	5.1	183.3	29.07	0.000
	06:00	8.1	2.4	2.3	8.4	70.0	78.8	4.4	211.4	29.05	0.000
	07:00	10.0	2.6	3.1	8.4	71.2	75.4	5.3	215.2	29.05	0.000
	08:00	9.8	2.6	2.8	8.3	72.4	74.3	3.6	220.4	29.06	0.012
	09:00	12.6	2.6	1.9	8.5	71.0	85.2	2.2	188.2	29.07	0.004
	10:00	CP	2.4	1.3	8.1	71.8	88.0	4.6	243.3	29.08	0.008
	11:00	CP	2.6	0.9	7.1	71.4	72.7	7.8	328.5	29.10	0.000
	12:00	-0.6	2.6	1.0	6.7	71.2	63.5	5.2	332.7	29.11	0.000
	13:00	-0.8	3.7	1.4	7.0	73.2	55.0	9.8	313.7	29.11	0.004
	14:00	-0.4	2.9	2.4	6.0	74.2	40.6	12.7	291.4	29.11	0.000
	15:00	0.0	3.7	2.4	5.6	73.4	40.2	10.6	317.4	29.11	0.000
	16:00	-0.2	3.4	2.6	5.1	71.4	40.2	12.2	303.5	29.13	0.000
	17:00	0.8	3.7	2.5	4.1	69.3	40.6	12.3	315.2	29.15	0.000
	18:00	8.1	4.5	2.1	3.5	66.3	42.0	11.5	315.1	29.18	0.000
	19:00	4.5	5.0	2.3	3.5	63.4	41.8	11.9	316.5	29.22	0.000
	20:00	5.8	6.3	1.9	3.6	61.2	47.2	8.8	318.0	29.26	0.000
21:00	2.1	3.7	1.4	3.0	60.6	50.4	10.7	325.7	29.29	0.000	
22:00	0.9	3.1	1.6	1.9	58.4	56.7	11.1	330.9	29.31	0.000	
23:00	ZS	2.9	1.1	1.5	57.0	57.0	9.3	325.3	29.32	0.000	
00:00	3.0	ZS	1.8	2.0	55.8	58.9	6.7	321.7	29.34	0.000	
Minimum		-0.8	2.4	0.9	1.5	55.8	40.2	2.2	178.1	29.05	0.00
Maximum		12.6	6.3	3.3	8.6	74.2	88.0	12.7	332.7	29.34	0.01
Average (Total)		4.7	3.2	2.1	6.0	68.2	62.1	7.7	269.2	29.15	(0.03)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/23/2022	01:00	1.9	3.4	ZS	2.4	55.2	54.2	8.5	327.7	29.35	0.000
	02:00	0.6	3.4	1.8	2.6	53.8	55.1	8.2	310.0	29.36	0.000
	03:00	0.4	3.4	1.8	2.5	52.7	55.9	7.4	315.5	29.38	0.000
	04:00	2.1	3.4	1.9	2.8	51.7	56.7	7.6	318.0	29.38	0.000
	05:00	2.1	3.4	2.1	2.7	50.6	60.0	7.4	322.4	29.40	0.000
	06:00	1.5	3.7	1.3	2.6	49.8	64.1	7.9	324.2	29.41	0.000
	07:00	3.0	3.7	1.0	3.1	49.7	64.4	6.5	317.6	29.42	0.000
	08:00	3.0	3.9	1.1	2.8	51.9	60.2	7.1	330.9	29.45	0.000
	09:00	1.5	3.7	1.4	2.8	53.9	56.0	8.8	327.9	29.46	0.000
	10:00	-0.6	3.7	1.9	3.0	56.6	49.0	11.4	332.8	29.47	0.000
	11:00	1.1	3.7	2.3	3.0	59.1	43.0	10.3	333.4	29.47	0.000
	12:00	1.5	3.7	2.1	3.0	61.5	38.8	9.8	318.1	29.46	0.000
	13:00	3.0	3.9	2.6	2.5	64.1	32.3	8.5	315.3	29.45	0.000
	14:00	1.1	3.7	2.5	2.6	65.8	29.9	8.8	312.5	29.43	0.091
	15:00	1.1	4.2	3.0	2.6	66.6	28.3	9.6	316.0	29.42	0.047
	16:00	1.1	4.2	2.6	2.5	67.0	28.6	9.4	324.2	29.42	0.000
	17:00	2.3	4.2	3.0	2.5	66.0	30.3	7.5	328.7	29.43	0.000
	18:00	1.9	3.9	2.5	3.0	63.5	35.8	6.1	326.4	29.44	0.000
	19:00	2.6	3.9	1.6	3.0	57.4	50.0	1.7	347.3	29.46	0.000
	20:00	10.0	3.7	1.8	4.5	57.1	52.0	4.2	339.7	29.48	0.000
21:00	6.8	3.9	1.5	4.4	55.7	53.9	3.2	311.3	29.49	0.000	
22:00	5.5	3.9	1.6	5.4	54.1	59.3	2.8	303.0	29.50	0.000	
23:00	ZS	3.9	1.8	10.2	51.8	67.9	1.4	324.1	29.50	0.000	
00:00	7.7	ZS	1.1	5.3	52.1	67.2	1.8	349.5	29.50	0.000	
Minimum		-0.6	3.4	1.0	2.4	49.7	28.3	1.4	303.0	29.35	0.00
Maximum		10.0	4.2	3.0	10.2	67.0	67.9	11.4	349.5	29.50	0.09
Average (Total)		2.7	3.8	1.9	3.4	57.0	49.7	6.9	324.0	29.44	(0.14)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/24/2022	01:00	10.0	3.7	ZS	5.2	49.8	78.0	1.5	316.9	29.51	0.000
	02:00	6.4	3.7	1.1	5.0	52.5	65.7	2.5	331.1	29.50	0.000
	03:00	9.2	3.7	0.9	4.8	50.2	73.1	1.4	304.5	29.50	0.000
	04:00	6.2	3.7	0.8	5.7	46.6	84.6	1.0	273.8	29.51	0.000
	05:00	4.9	3.7	0.9	5.5	44.2	88.9	0.5	190.1	29.51	0.000
	06:00	5.6	3.4	1.0	5.4	43.0	94.0	0.6	126.1	29.50	0.000
	07:00	9.4	3.7	0.5	5.5	45.4	92.7	1.4	134.9	29.50	0.000
	08:00	7.3	3.7	0.8	5.2	50.4	81.7	3.6	195.5	29.51	0.000
	09:00	4.3	4.2	1.3	4.7	54.3	70.4	3.4	198.3	29.51	0.000
	10:00	3.4	4.5	1.4	4.7	58.6	54.6	1.3	162.2	29.50	0.000
	11:00	2.3	4.7	1.6	4.3	61.9	44.7	1.6	196.0	29.48	0.000
	12:00	2.6	4.7	1.9	4.4	63.8	45.6	2.7	160.6	29.45	0.000
	13:00	2.1	4.7	1.6	4.3	65.2	45.1	2.4	178.3	29.42	0.000
	14:00	2.1	4.2	1.8	3.9	66.0	46.5	4.9	201.8	29.40	0.000
	15:00	2.6	4.2	1.6	4.3	65.3	50.4	5.6	198.1	29.37	0.000
	16:00	2.3	4.2	1.9	4.1	66.7	49.6	5.3	189.6	29.35	0.000
	17:00	2.8	4.2	2.0	4.0	65.2	54.9	4.6	180.1	29.33	0.000
	18:00	3.6	3.9	2.3	4.3	63.2	61.4	2.6	163.7	29.32	0.000
	19:00	7.7	3.4	1.3	5.2	58.9	74.6	2.2	152.5	29.32	0.000
	20:00	6.8	3.4	1.5	6.0	55.1	85.7	2.3	135.7	29.31	0.000
21:00	8.3	3.4	1.8	7.2	55.0	87.4	1.6	132.3	29.30	0.000	
22:00	13.9	3.4	1.4	9.5	55.5	87.3	0.1	85.7	29.30	0.000	
23:00	ZS	3.7	1.1	7.9	56.5	87.9	0.7	195.7	29.29	0.000	
00:00	8.3	ZS	1.4	8.0	56.6	87.1	2.1	124.6	29.26	0.000	
Minimum		2.1	3.4	0.5	3.9	43.0	44.7	0.1	85.7	29.26	0.00
Maximum		13.9	4.7	2.3	9.5	66.7	94.0	5.6	331.1	29.51	0.00
Average (Total)		5.7	3.9	1.4	5.4	56.2	70.5	2.3	188.7	29.41	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/25/2022	01:00	7.1	3.4	ZS	8.0	53.0	94.7	1.2	264.9	29.24	0.000
	02:00	5.8	3.4	0.3	7.1	51.5	97.7	0.6	139.4	29.23	0.000
	03:00	10.0	3.4	0.3	7.5	52.7	98.0	0.4	185.8	29.22	0.000
	04:00	12.2	3.4	0.3	7.6	53.3	96.0	1.1	162.9	29.21	0.000
	05:00	8.6	3.4	0.6	7.1	54.8	90.9	4.6	180.8	29.19	0.000
	06:00	8.8	3.4	1.0	6.9	54.5	92.4	3.6	164.9	29.18	0.000
	07:00	8.3	3.4	1.1	6.6	54.5	93.8	3.4	154.8	29.16	0.000
	08:00	6.2	3.1	1.4	6.4	55.6	92.7	3.9	164.0	29.14	0.000
	09:00	5.5	3.1	1.3	6.6	58.1	88.2	2.8	187.1	29.14	0.000
	10:00	4.5	3.4	1.4	7.5	60.8	82.6	3.2	178.0	29.13	0.000
	11:00	1.5	3.4	1.5	6.4	63.4	77.5	5.1	191.8	29.10	0.000
	12:00	0.2	3.7	2.3	7.3	71.0	64.9	7.6	212.8	29.06	0.084
	13:00	1.1	3.4	1.6	7.5	64.6	89.5	3.8	11.0	29.08	0.308
	14:00	0.4	3.1	1.0	6.2	65.7	85.6	4.2	149.2	29.05	0.004
	15:00	0.6	2.9	1.1	4.2	69.3	73.1	5.1	163.8	29.02	0.000
	16:00	0.4	2.9	2.5	5.8	72.2	67.8	6.3	153.1	28.99	0.000
	17:00	0.9	2.9	1.6	6.6	72.3	70.4	1.6	135.0	28.99	0.000
	18:00	UM	2.9	2.0	7.8	72.5	64.1	5.3	240.8	29.00	0.000
	19:00	UM	2.9	1.8	7.2	69.5	57.3	5.1	251.8	29.01	0.000
	20:00	UM	3.4	1.9	6.7	67.0	65.2	5.8	318.6	29.05	0.008
21:00	UM	3.7	0.3	6.4	62.3	88.4	1.8	329.3	29.08	0.048	
22:00	UM	3.1	0.8	6.6	61.1	92.1	2.1	182.8	29.09	0.000	
23:00	UM	2.9	1.1	5.5	60.3	90.9	2.2	233.8	29.11	0.004	
00:00	UM	ZS	0.4	4.7	61.4	78.6	5.0	242.7	29.11	0.000	
Minimum		ID	2.9	0.3	4.2	51.5	57.3	0.4	11.0	28.99	0.00
Maximum		ID	3.7	2.5	8.0	72.5	98.0	7.6	329.3	29.24	0.31
Average (Total)		ID	3.2	1.2	6.7	61.7	83.0	3.6	191.6	29.11	(0.46)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/26/2022	01:00	UM	2.9	ZS	4.7	59.5	82.2	3.7	227.7	29.11	0.000
	02:00	UM	2.6	0.4	4.7	58.8	82.5	2.9	219.4	29.10	0.000
	03:00	UM	2.6	0.4	4.6	58.8	78.6	4.4	233.5	29.10	0.000
	04:00	UM	2.9	0.5	4.4	57.6	79.5	4.3	216.6	29.10	0.000
	05:00	UM	2.6	-0.1	4.4	57.9	76.7	3.9	237.9	29.10	0.000
	06:00	UM	2.6	0.3	4.5	56.2	80.5	3.1	227.3	29.10	0.000
	07:00	UM	2.9	0.0	4.7	55.3	83.7	3.3	180.1	29.11	0.000
	08:00	UM	2.9	0.6	4.2	59.9	74.4	4.6	206.9	29.11	0.000
	09:00	UM	2.9	0.5	4.0	63.7	68.0	8.0	210.2	29.12	0.000
	10:00	UM	2.9	0.6	3.8	67.7	60.3	7.3	208.2	29.12	0.000
	11:00	UM	3.1	1.3	3.8	69.7	48.0	10.3	259.4	29.12	0.000
	12:00	UM	3.1	1.4	3.9	71.0	44.2	10.4	266.1	29.11	0.000
	13:00	UM	3.4	0.8	4.0	68.2	48.3	7.5	291.7	29.12	0.000
	14:00	UM	3.1	1.3	4.1	65.2	58.3	6.9	279.1	29.12	0.000
	15:00	UM	3.1	1.6	4.2	68.2	54.4	5.7	256.0	29.11	0.000
	16:00	UM	3.1	1.1	4.1	68.3	47.8	11.5	277.6	29.12	0.000
	17:00	UM	3.1	1.5	3.6	68.1	42.4	10.9	281.0	29.14	0.000
	18:00	UM	3.1	1.4	3.6	66.2	46.4	6.2	281.7	29.15	0.000
	19:00	UM	3.1	1.3	3.8	61.8	55.9	3.6	248.8	29.17	0.000
	20:00	UM	3.1	1.3	4.1	60.9	57.3	3.7	243.6	29.20	0.000
21:00	UM	3.1	1.1	4.1	60.1	58.0	4.3	235.7	29.22	0.000	
22:00	UM	3.4	1.0	3.8	57.9	63.3	2.6	214.3	29.23	0.000	
23:00	UM	3.4	1.3	3.7	56.4	66.8	5.0	191.8	29.24	0.000	
00:00	UM	ZS	1.1	3.5	58.4	57.8	5.3	246.7	29.26	0.000	
Minimum		ID	2.6	-0.1	3.5	55.3	42.4	2.6	180.1	29.10	0.00
Maximum		ID	3.4	1.6	4.7	71.0	83.7	11.5	291.7	29.26	0.00
Average (Total)		ID	3.0	0.9	4.1	62.3	63.1	5.8	239.2	29.14	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/27/2022	01:00	UM	3.7	ZS	3.6	57.4	59.2	4.0	243.9	29.26	0.000
	02:00	UM	3.7	0.6	3.5	56.0	62.5	4.3	243.1	29.25	0.000
	03:00	UM	3.7	0.8	3.7	55.4	63.2	3.7	234.5	29.24	0.000
	04:00	UM	3.4	0.5	3.9	53.4	69.5	2.6	217.8	29.24	0.000
	05:00	UM	3.7	1.1	4.2	54.1	67.3	5.2	249.2	29.25	0.000
	06:00	UM	3.7	1.0	4.4	53.3	69.3	5.6	254.6	29.25	0.000
	07:00	UM	3.7	1.0	4.6	52.3	72.7	3.3	222.0	29.26	0.000
	08:00	UM	4.2	0.9	4.8	56.2	65.1	4.6	249.5	29.28	0.000
	09:00	UM	4.2	0.9	4.6	60.5	55.8	7.9	255.7	29.28	0.000
	10:00	UM	3.9	1.1	4.6	62.4	50.6	10.0	263.7	29.30	0.000
	11:00	UM	4.2	1.5	4.7	63.5	45.8	10.9	262.8	29.30	0.000
	12:00	UM	4.2	2.1	4.6	63.1	43.1	9.7	266.5	29.31	0.000
	13:00	UM	4.2	1.9	4.7	63.7	43.7	6.7	261.2	29.31	0.000
	14:00	UM	4.2	1.9	4.6	65.1	39.7	9.6	255.4	29.30	0.000
	15:00	UM	3.7	1.6	4.4	65.8	37.9	9.2	247.7	29.29	0.000
	16:00	UM	3.7	1.5	4.4	64.2	40.8	8.2	248.5	29.31	0.000
	17:00	UM	3.7	1.6	4.4	61.4	46.4	7.7	252.2	29.33	0.000
	18:00	UM	3.4	1.6	4.6	60.3	47.7	8.5	259.7	29.35	0.000
	19:00	UM	3.7	1.4	4.4	57.5	56.1	8.8	273.9	29.39	0.000
	20:00	UM	3.9	1.4	3.7	54.9	63.8	7.3	267.0	29.41	0.000
21:00	UM	3.7	1.3	3.7	53.1	68.4	7.4	270.0	29.43	0.000	
22:00	UM	3.9	1.1	4.0	49.4	78.6	2.0	202.2	29.45	0.000	
23:00	UM	3.7	0.8	4.1	50.0	75.5	3.3	241.1	29.45	0.000	
00:00	UM	ZS	0.9	3.9	50.2	72.6	4.8	247.7	29.46	0.000	
Minimum		ID	3.4	0.5	3.5	49.4	37.9	2.0	202.2	29.24	0.00
Maximum		ID	4.2	2.1	4.8	65.8	78.6	10.9	273.9	29.46	0.00
Average (Total)		ID	3.8	1.2	4.2	57.6	58.1	6.5	249.6	29.32	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/28/2022	01:00	UM	3.7	ZS	3.6	50.1	71.2	5.5	266.3	29.47	0.000
	02:00	UM	3.9	1.3	3.7	48.1	76.2	4.0	236.5	29.47	0.000
	03:00	UM	3.7	1.1	3.7	46.5	80.5	3.1	256.7	29.48	0.000
	04:00	UM	3.7	0.9	3.6	45.6	83.6	3.9	236.4	29.48	0.000
	05:00	UM	3.7	1.1	3.6	44.7	86.6	2.9	182.1	29.49	0.000
	06:00	UM	3.7	1.0	3.6	43.4	90.3	3.0	187.2	29.51	0.000
	07:00	UM	3.7	1.1	3.5	46.7	81.7	4.0	230.3	29.53	0.000
	08:00	UM	3.9	0.9	3.4	50.7	72.6	4.5	247.7	29.55	0.000
	09:00	UM	4.2	1.3	3.5	54.5	65.2	5.3	270.4	29.57	0.000
	10:00	UM	4.2	0.5	4.2	57.8	59.9	7.5	285.0	29.57	0.000
	11:00	UM	4.7	1.3	3.3	60.9	56.5	5.5	295.6	29.58	0.000
	12:00	UM	4.5	0.9	3.3	62.9	53.0	7.9	325.2	29.58	0.000
	13:00	UM	4.5	1.1	3.4	63.5	52.9	6.9	314.3	29.58	0.000
	14:00	UM	4.2	1.1	3.8	64.0	52.4	6.3	325.4	29.58	0.000
	15:00	UM	4.5	1.4	3.8	66.0	48.5	8.2	308.0	29.58	0.000
	16:00	UM	4.2	1.4	4.7	64.8	50.1	9.1	313.2	29.59	0.000
	17:00	UM	4.7	1.3	5.8	63.1	55.0	7.1	304.7	29.60	0.000
	18:00	UM	3.7	0.8	4.8	61.2	61.0	5.9	289.7	29.61	0.000
	19:00	UM	3.7	1.5	5.3	57.3	69.7	3.3	289.3	29.63	0.000
	20:00	UM	3.9	1.3	5.9	56.7	70.5	3.2	311.7	29.65	0.000
21:00	UM	4.5	0.5	4.9	55.9	72.1	3.7	322.9	29.66	0.000	
22:00	UM	4.2	0.4	4.2	54.6	76.8	3.6	331.6	29.68	0.000	
23:00	UM	3.9	0.8	4.1	53.9	80.0	3.5	319.3	29.69	0.000	
00:00	UM	ZS	0.4	4.3	52.5	83.1	2.0	326.3	29.70	0.000	
Minimum		ID	3.7	0.4	3.3	43.4	48.5	2.0	182.1	29.47	0.00
Maximum		ID	4.7	1.5	5.9	66.0	90.3	9.1	331.6	29.70	0.00
Average (Total)		ID	4.1	1.0	4.1	55.2	68.7	5.0	282.3	29.58	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/29/2022	01:00	UM	3.7	ZS	4.5	47.6	93.6	0.6	325.6	29.71	0.000
	02:00	UM	3.7	0.3	4.8	49.1	95.7	1.7	328.5	29.71	0.000
	03:00	UM	3.9	0.6	5.0	49.1	92.1	1.0	359.7	29.72	0.000
	04:00	UM	3.9	0.3	5.0	45.4	97.4	0.1	197.4	29.72	0.000
	05:00	UM	3.7	0.6	4.7	45.2	98.9	1.1	316.4	29.72	0.000
	06:00	UM	3.7	0.4	4.5	47.7	98.7	2.8	330.8	29.74	0.000
	07:00	UM	3.9	0.3	4.4	46.1	96.0	0.9	350.3	29.75	0.000
	08:00	UM	3.7	0.3	4.0	52.3	80.5	5.4	349.4	29.76	0.000
	09:00	UM	3.7	1.0	3.7	56.2	66.6	8.3	0.5	29.77	0.000
	10:00	UM	3.7	0.8	3.9	58.9	59.2	9.1	357.5	29.77	0.000
	11:00	UM	3.7	0.3	4.1	60.8	55.4	8.7	0.7	29.77	0.000
	12:00	UM	3.7	1.5	3.9	62.9	50.3	10.2	359.4	29.75	0.000
	13:00	UM	3.4	1.9	3.9	65.0	46.7	9.3	3.7	29.74	0.000
	14:00	UM	3.7	1.4	4.0	65.7	46.0	8.8	9.2	29.71	0.000
	15:00	UM	3.7	1.8	3.9	66.4	45.1	8.6	1.5	29.70	0.000
	16:00	UM	3.7	1.8	4.0	65.9	46.3	8.7	2.5	29.69	0.000
	17:00	UM	3.7	0.9	3.9	64.7	49.0	5.2	14.7	29.70	0.000
	18:00	UM	3.7	1.1	3.8	62.0	57.5	3.3	27.5	29.69	0.000
	19:00	UM	3.4	1.4	3.8	58.9	63.6	4.0	43.1	29.70	0.000
	20:00	UM	3.4	1.4	4.2	57.1	68.5	3.8	20.8	29.69	0.000
21:00	UM	3.7	0.9	4.0	54.8	73.3	2.3	19.5	29.70	0.000	
22:00	UM	3.7	1.0	4.2	52.6	79.9	2.3	0.3	29.70	0.000	
23:00	UM	3.4	0.0	4.6	52.4	79.8	2.1	357.3	29.70	0.000	
00:00	UM	ZS	0.9	4.9	50.7	84.8	2.9	356.4	29.69	0.000	
Minimum		ID	3.4	0.0	3.7	45.2	45.1	0.1	0.3	29.69	0.00
Maximum		ID	3.9	1.9	5.0	66.4	98.9	10.2	359.7	29.77	0.00
Average (Total)		ID	3.7	0.9	4.2	55.7	71.9	4.6	172.2	29.72	(0.00)

Appendix B-2: TA Lowery Elementary School Data Record

Date	Hour Ending At	NO ₂	SO ₂	CH ₂ O	PM _{2.5}	Temperature	Relative Humidity	Wind Speed	Wind Direction	Barometric Pressure	Precipitation
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	°F	%	mph	°	inHg	inches
09/30/2022	01:00	UM	3.7	ZS	5.7	49.4	87.5	3.5	0.5	29.68	0.000
	02:00	UM	3.7	0.5	5.7	48.4	89.0	4.1	359.6	29.67	0.000
	03:00	UM	3.7	0.9	5.3	47.6	88.9	4.1	359.5	29.66	0.000
	04:00	UM	3.7	0.1	4.8	47.5	86.9	3.9	349.6	29.66	0.000
	05:00	UM	3.7	0.1	4.6	47.0	86.7	3.7	358.5	29.66	0.000
	06:00	UM	3.7	0.1	4.3	46.8	86.2	2.5	353.9	29.67	0.000
	07:00	UM	3.4	0.4	4.2	46.5	86.9	4.4	357.7	29.67	0.000
	08:00	UM	3.7	0.1	4.3	48.0	83.8	4.8	353.5	29.67	0.000
	09:00	UM	3.7	0.9	4.4	50.5	79.5	5.1	358.8	29.67	0.000
	10:00	UM	3.9	0.6	5.2	52.9	74.3	6.1	5.3	29.66	0.000
	11:00	UM	4.2	0.6	6.2	54.5	71.6	5.6	359.7	29.64	0.000
	12:00	UM	4.5	1.0	6.4	56.2	69.2	5.7	357.6	29.62	0.000
	13:00	UM	4.2	1.4	6.5	57.3	68.2	5.8	359.5	29.60	0.000
	14:00	RC	3.9	1.3	6.8	58.0	68.0	6.5	357.7	29.57	0.000
	15:00	RC	3.9	1.1	6.4	58.4	69.2	5.5	360.0	29.54	0.000
	16:00	RC	3.9	1.1	5.3	58.3	71.0	5.5	19.3	29.53	0.000
	17:00	RC	3.9	0.8	5.6	57.5	73.5	6.2	19.5	29.51	0.000
	18:00	RC	3.7	1.0	6.0	55.2	83.8	6.5	15.4	29.49	0.048
	19:00	9.0	3.7	0.5	6.6	53.9	87.5	7.6	14.2	29.46	0.020
	20:00	6.0	3.7	0.9	6.7	53.9	86.6	5.6	7.4	29.47	0.008
21:00	6.4	3.7	0.5	6.7	53.1	91.2	4.2	357.7	29.48	0.024	
22:00	6.2	3.7	0.9	6.6	52.4	94.7	7.1	355.9	29.45	0.048	
23:00	ZS	3.7	1.0	6.2	52.4	93.0	5.9	3.3	29.43	0.020	
00:00	6.8	ZS	0.5	6.1	51.9	94.6	6.5	356.3	29.43	0.040	
Minimum		ID	3.4	0.1	4.2	46.5	68.0	2.5	0.5	29.43	0.00
Maximum		ID	4.5	1.4	6.8	58.4	94.7	7.6	360.0	29.68	0.05
Average (Total)		ID	3.8	0.7	5.7	52.4	82.2	5.3	241.7	29.58	(0.21)

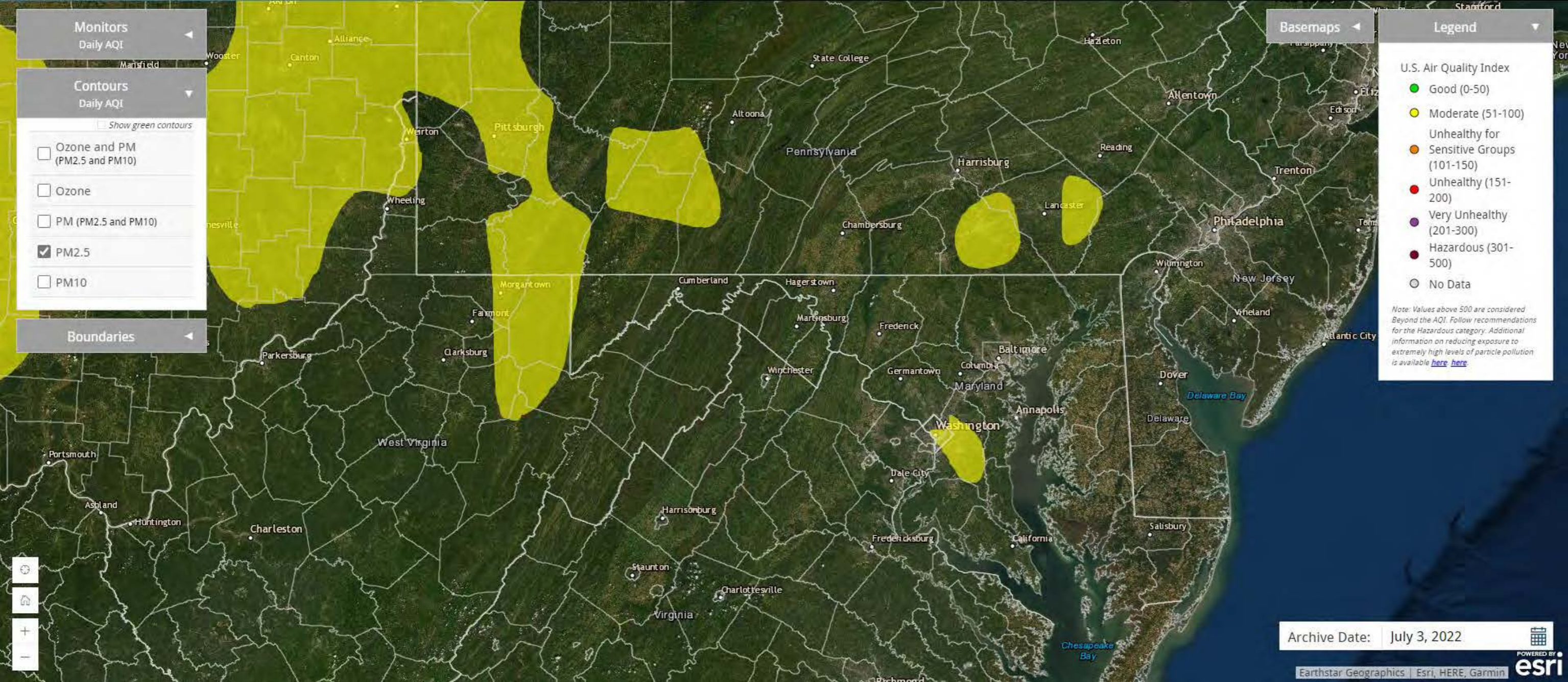
APPENDIX C

**NORTH JEFFERSON ELEMENTARY SCHOOL PM_{2.5} FILTER
SAMPLING DATA RECORD**

Appendix C North Jefferson Elementary School PM_{2.5} Filter Sampling Data Record

Date	Filter ID	Sample Time	Sample Avg. Temp.	Sample Avg. Pressure	Sample Avg. Flow Rate	Actual Sampled Volume	Filter Weight	PM _{2.5} Concentration	Comment
		minutes	deg. C	mmHg	l/min	m ³	µg	µg/m ³	
7/4/2022	22-T2379	1440	22.6	750.2	16.67	24.00	275	11.5	
7/12/2022	22-T2380	1440	24.9	741.7	16.67	24.00	159	6.6	
8/21/2022	22-T2700	1440	23.1	747.0	16.67	24.00	92	3.8	
8/26/2022	22-T2701	1440	26.0	745.8	16.67	24.00	249	10.4	
9/2/2022	22-T3333	1440	22.2	750.5	16.67	24.00	158	6.6	
9/14/2022	22-T3335	1440	19.0	747.4	16.67	24.00	127	5.3	
9/26/2022	22-T3336	1440	16.3	740.1	16.67	24.00	89	3.7	

APPENDIX D U.S. EPA AIR NOW PM AQI IMAGES



Monitors
Daily AQI

Contours
Daily AQI

Show green contours

Ozone and PM (PM2.5 and PM10)

Ozone

PM (PM2.5 and PM10)

PM2.5

PM10

Boundaries

Basemaps

Legend

U.S. Air Quality Index

- Good (0-50)
- Moderate (51-100)
- Unhealthy for Sensitive Groups (101-150)
- Unhealthy (151-200)
- Very Unhealthy (201-300)
- Hazardous (301-500)
- No Data

Note: Values above 500 are considered Beyond the AQI. Follow recommendations for the Hazardous category. Additional information on reducing exposure to extremely high levels of particle pollution is available [here](#).

Monitors

Daily AQI

Contours

Daily AQI

Show green contours

Ozone and PM (PM2.5 and PM10)

Ozone

PM (PM2.5 and PM10)

PM2.5

PM10

Boundaries

Basemaps

Legend

U.S. Air Quality Index

- Good (0-50)
- Moderate (51-100)
- Unhealthy for Sensitive Groups (101-150)
- Unhealthy (151-200)
- Very Unhealthy (201-300)
- Hazardous (301-500)
- No Data

Note: Values above 500 are considered Beyond the AQI. Follow recommendations for the Hazardous category. Additional information on reducing exposure to extremely high levels of particle pollution is available [here](#) [here](#)

Archive Date: July 22, 2022

APPENDIX E THIRD-PARTY PEP AUDIT REPORT

**PM_{2.5} Performance Evaluation Program
(PEP) Audit Report
July 2022
Rockwool Site NJES – Kearneysville, WV**

Prepared for:

**Environmental Resources Management, Inc.
Rolling Meadows, IL
Quote 2/7/2022**

Prepared by:



**4577E NW 6th St. Ext.
Gainesville, FL 32609**

**Report Submitted
August 2022**

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- Appendix A** Audit Data Sheets
- Appendix B** Maps of Locations
- Appendix C** Audit Standards Certifications

List of Acronyms and Abbreviations

CFR	Code of Federal Regulations
EEMS	Environmental, Engineering & Measurement Services, Inc.
EPA	Environmental Protection Agency
ERM	Environmental Resources Management, Inc.
FEM	Federal Equivalent Method
FRM	Federal Reference Method
H-CHO	Formaldehyde
Lpm	liters per minute
mm Hg	millimeters of mercury
NIST	National Institute of Standards and Technology
NO ₂	Nitrogen dioxide
NPAP	National Performance Audit Program
PEP	Performance Evaluation Program
PM _{2.5}	particulate matter of 2.5 microns in aerodynamic diameter or less
PSD	prevention of significant deterioration
QA	quality assurance
QAPP	Quality assurance project plan
S/N	serial number
SLAMS	State and Local Air Monitoring Station
SO ₂	Sulfur dioxide
SOP	standard operating procedure
TTP	Trough-the-probe
µg/m ³	micrograms per cubic meter

1.0 Introduction

Environmental, Engineering & Measurement Services, Inc. (EEMS) was contracted by Environmental Resources Management, Inc. (ERM) to conduct audits of the Rockwool air quality monitoring network located near the small town of Ranson, WV. The purpose of this network is to partner with the local community and inform stakeholders and residents to potential air quality issues due to the construction and operation of the Rockwool plant which produces mineral wool insulation. Operation of the air quality monitoring network is voluntary and intended to ensure the wellbeing of the nearby sensitive population, including elementary school students.

Currently the monitoring network consists of two stations, and is operated by ERM on behalf of Rockwool. The operation of the monitoring network meets the requirements in Appendix B to 40 CFR Part 58. Rockwool requires that this monitoring network be audited following the National Performance Audit Program (NPAP) and the Performance Evaluation Program (PEP) as is required of State and Local Air Monitoring Stations (SLAMS) by the U.S. EPA.

The NPAP is a quality assurance (QA) program implemented by the EPA Office of Air Quality Planning and Standards (OAQPS) to conduct audits of air pollutant monitors by standard methods throughout each region of the U.S. The method includes introduction of National Institute of Standards and Technology (NIST) traceable audit gases to the station monitors through the ambient sample inlet, including all filters and fittings. This method evaluates measurement system accuracy including the entire sample train. The audit gas concentrations are also measured and verified with an audit analyzer on-site which is calibrated at the time of the audit.

The PEP is a QA activity used to evaluate measurement system bias of the PM_{2.5} monitoring network. This is accomplished by co-locating a portable Federal Reference Method (FRM) PM_{2.5} air-sampling instrument with the station air-monitoring instrument, operating both samplers, and comparing the results.

EEMS performed the PM_{2.5} PEP audits at the Rockwool network North Jefferson Elementary School (NJES) site, following EPA's Quality Assurance Guidance Document – Method Compendium – Field Standard Operating Procedures (SOP) for the Federal PM_{2.5} Performance Evaluation Program and NPAP TTP Audit SOP. This report includes the results of the PM_{2.5} PEP audits conducted on July 12, 2022 and July 14, 2022.

The NJES monitoring site is located at 6996 Charles Town Road, Kearneysville, in Jefferson County, WV. Map images of the site are included in Appendix B. The monitoring site coordinates are provided in Table 1 and an image of the station is included as Figure 1 below.

Table 1. Station Location

Station	Latitude (°)	Longitude (°)	Elevation (m)
Rockwool NJES	39.367801	-77.881840	181

Figure 1. Rockwool NJES Site



The audited monitoring equipment operating at the site is presented in Table 2.

Table 2. Equipment Audited

Site Location	Parameter	Manufacture	Model	Serial #.
Rockwool NJES	FEM Continuous PM _{2.5}	T-API	T640	660
Rockwool NJES	FRM Discrete PM _{2.5}	Tisch	TE-Wilbur	368

Gaseous pollutant monitors and support materials are also operated at the site. Details of the audit are presented in the following sections:

Section 2.0	Audit Methods and Equipment
Section 3.0	Audit Results
Appendix A	Audit Data Sheets and Laboratory Results
Appendix B	Maps of Locations
Appendix C	Audit Standards Certifications

The preparation of this report, and all the activities and tasks described in this report, were performed by an accredited NPAP-TTP/PEP mobile lab Field Scientist. All procedures followed during the audits were provided by OAQPS and are available at the OAQPS website:

<https://www.epa.gov/amtic/national-pm25-performance-evaluation-program>

Appendix C includes the NIST traceable certification certificates of the audit standards.

2.0 Audit Methods and Equipment

This section describes the steps followed in the performance of these audits. EEMS followed the document referenced above rigorously.

2.1 Laboratory Activities Prior to the Field Activities

Filters for the PEP audit were pre-weighed and supplied by Pace Analytical (Pace) located in Sheridan, WY. The procedures for micro-gravimetric analysis for PM_{2.5} pre- and post- exposure were followed as described in CFR 40 part 50 Appendix L. Additional information regarding the methods can be found at: <http://www.epa.gov/ttn/amtic/files/ambient/pm25/qa/m212covd.pdf>.

The filters were shipped to EEMS properly labeled, and with the appropriate chain-of-custody documentation. The filters were used by EEMS within the prescribed amount of time, stored at less than 4 °C and returned to Pace for post-exposure analysis within the prescribed time for SLAMS monitoring.

2.2 Certification of EEMS Standards

All standards owned and maintained by EEMS undergo annual NIST-traceable certification. The standards include EPA Protocol Gas standards, digital multi-meters, meteorological sensors and standards, and various flow rate measurement systems including DeltaCal devices. Copies of the annual certifications of the EEMS standards used for these audits are included in Appendix C.

2.3 FRM Portable Audit Sampler

EEMS owns and operates three BGI PQ200A portable PM_{2.5} samplers and DeltaCal flow rate verification/calibration devices. For these audits the sampler used was serial number 1682. All standard flow rate measurement devices are returned to the manufacturer each year for annual maintenance and certification. EEMS participates in the EPA PM-sampler co-location evaluations, and the NPAP training and certification classes. The portable samplers are calibrated twice annually during the co-location evaluations.

EEMS participated in the three-day PM sampler co-location evaluation at region 4 in Athens, GA, in January 2022. The results of the EEMS sampler comparisons are included in Appendix C.

2.4 Field Activities

On Monday, July 11, EEMS personnel met ERM personnel at the facility and the portable PQ200A audit sampler was co-located with the Federal Equivalent Method (FEM) sampler at the station. The portable audit sampler was assembled and set up with a downtube extender provided by ERM. The PEP sampler inlet was positioned between 1 to 4 meters from the site sampler inlet.

It was discovered during the audit setup that the EEMS DeltaCal flow rate standard device was not functioning properly and could not be used for the sampler verifications. The ERM standard device was used to verify the audit sampler for both PEP audits. Since no adjustments were made to the audit sampler, and PEP audits compare samplers and labs, the audits are valid.

The audit sampler was leak tested, and the measured flow rate, temperatures, and barometric pressure were compared to the standard device. All comparisons were within PEP audit acceptance criteria. The instrument time and date were set, and it was programmed to run from midnight to midnight on Tuesday, July 12.

An image of the PEP audit sampler installation at the NJES site is provided below in Figure 2.

Figure 2. Rockwool NJES PEP Audit Configuration



On Wednesday, July 13, EEMS personnel returned to the station to remove the exposed PEP sample. The sampler data were downloaded and reviewed to ensure a valid run had occurred. The audit sampler was leak tested, and the measured flow rate, temperatures, and barometric pressure were compared to the standard device. All comparisons were within PEP audit acceptance criteria. The instrument time and date were set, and it was programmed to run from midnight to midnight on Thursday, July 14.

On Friday, July 15, EEMS personnel returned to the station to remove the exposed PEP sample. The sampler data were downloaded and reviewed to ensure a valid run had occurred. The portable audit sampler was removed, disassembled, and packed. Field activities were concluded that morning.

2.4.1 Performance Verification of Audit Sampler

Performance verifications of the audit sampler were performed following the manufacturer's recommendations along with Section 5.0 of the Field Standard Operating Procedures for the Federal PM_{2.5} Performance Evaluation Program the day preceding the two PEP audit sample collections at the site. The results of those verifications prior to the site audit are included in Table 3 and Table 4. The summary data recorded by the PEP sampler during the 24-hour PEP sample collections are also included in the tables.

Table 3. Results of Performance Verification and PEP Sample Collection 7/12/2022

PEP Location		Rockwool NJES			
Time within 1 minute of actual: Yes		PEP Sampler S/N:		1682	
DeltaCal S/N	161542	EEMS	N/A	DeltaCal Cert Date:	
Date and PEP Sampler	07/11/2022 BGI PQ200 PM-2.5				
Parameter	DeltaCal	PQ200 Audit Sampler	Difference	Acceptance Criteria	Pass/Fail
Flow Rate (Lpm)	16.29	16.70	2.52%	$\leq \pm 4\%$	Pass
Design Flow Rate (16.67 Lpm)	16.29		-2.28%	$\leq \pm 4\%$	Pass
Ambient Temperature (°C)	27.3	28.1	0.8	$\leq \pm 2^\circ\text{C}$	Pass
Barometric Pressure (mm Hg)	746	743	-3	$\leq \pm 10$ mm Hg	Pass
Filter Temperature (°C)	32.4	31.8	-0.6	$\leq \pm 2^\circ\text{C}$	Pass
Leak Check	start = 118	end = 117	1	$\leq 5\text{cm H}_2\text{O}$	Pass
Date & Site of PEP Audit	07/12/2022 Rockwool NJES				
Parameter	Flow (lpm)	B Press (mmHg)	T (°C)	Comments &Flags:	
Maximum	----	742	33.6		
Minimum	----	738	18.3		
Average	16.70	740	23.8		
Filter: P2,977,870	Start	End	Elapsed Time (h:m) =		24:00
Date :	7/12/2022	7/13/2022	Volume (m3) =		24.05
Time :	0:00	0:00	CV% =		0.00

Table 4. Results of Performance Verification and PEP Sample Collection 7/14/2022

		PEP Location		Rockwool NJES	
Time within 1 minute of actual:		Yes	PEP Sampler S/N:		1682
DeltaCal S/N	161542	EEMS	DeltaCal Cert Date:		
Date and PEP Sampler	07/13/2022 BGI PQ200 PM-2.5				
Parameter	DeltaCal	PQ200 Audit Sampler	Difference	Acceptance Criteria	Pass/Fail
Flow Rate (Lpm)	16.15	16.70	3.41%	$\leq \pm 4\%$	Pass
Design Flow Rate (16.67 Lpm)	16.15		-3.12%	$\leq \pm 4\%$	Pass
Ambient Temperature (°C)	28.9	29.8	0.9	$\leq \pm 2^\circ\text{C}$	Pass
Barometric Pressure (mm Hg)	746	744	-2	$\leq \pm 10\text{ mm Hg}$	Pass
Filter Temperature (°C)	31.6	32.2	0.6	$\leq \pm 2^\circ\text{C}$	Pass
Leak Check	start = 118	end = 118	0	$\leq 5\text{cm H}_2\text{O}$	Pass
Date & Site of PEP Audit	07/14/2022 Rockwool NJES				
Parameter	Flow (lpm)	B Press (mmHg)	T (°C)	Comments &Flags:	
Maximum	----	748	34.8		
Minimum	----	743	17.1		
Average	16.70	746	25.7		
Filter: P2,977,872	Start	End	Elapsed Time (h:m) =		24:00
Date :	7/14/2022	7/15/2022	Volume (m3) =		24.05
Time :	0:00	0:00	CV% =		0.00

The station FRM and FEM PM samplers' operational parameters were verified using the DeltaCal flow rate standard device. The results of those verifications are included in Table 5 and Table 6. The site sampler flow rate, ambient temperature, and filter temperature parameters were within acceptance criteria for both the station FRM and FEM samplers.

Table 5. Results of Station FRM Verifications

		Location		Rockwool NJES	
Time within 1 minute of actual:		Yes	FRM Sampler S/N:		0368
DeltaCal S/N		161542	EEMS	DeltaCal Cert Date:	
Date and PEP Sampler		07/11/2022 Tisch TE-WILBUR PM-2.5			
Parameter	DeltaCal	Tisch Site FRM	Difference	Acceptance Criteria	Pass/Fail
Flow Rate (Lpm)	16.15	16.67	3.22%	$\leq \pm 4\%$	Pass
Design Flow Rate (16.67 Lpm)	16.15		-3.12%	$\leq \pm 4\%$	Pass
Ambient Temperature (°C)	28.0	28.7	0.7	$\leq \pm 2^\circ\text{C}$	Pass
Barometric Pressure (mm Hg)	746.5	745	-1.5	$\leq \pm 10\text{ mm Hg}$	Pass
Filter Temperature (°C)	29.8	31.1	1.3	$\leq \pm 2^\circ\text{C}$	Pass
Leak Check	start =	end =	0	$\leq 5\text{cm H}_2\text{O}$	Pass

Table 6. Results of Station FEM Verifications

		Sampler and Site		Rockwool - NJES	
Time within 1 minute of actual:		Yes	Teledyne - T640		S/N 660
DeltaCal S/N		161542	EEMS	DeltaCal Cert Date:	
Date & Site of Verification		07/11/2022 Rockwool - NJES Teledyne T640 PM-2.5			
Parameter	DeltaCal	Site Sampler	Difference	Acceptance Criteria	Pass/Fail
Flow Rate (Lpm)	5.13	5.01	-2.34%	$\leq \pm 4\%$	Pass
Design Flow Rate (5.0 Lpm)	5.13		2.60%	$\leq \pm 4\%$	Pass
Ambient Temperature (°C)	27.7	28.3	0.6	$\leq \pm 2^\circ\text{C}$	Pass
Barometric Pressure (mm Hg)	745.5	745.9	0.4	$\leq \pm 10\text{ mm Hg}$	Pass

2.4.2 Filter Installation

After the audit sampler was assembled and the pre-audit verifications were completed as described above and according to the manufacturer and SOP recommendations, EEMS personnel used gloves to install the field blank and PEP sample cassettes in the sampler. A Field Blank was installed in the sampler prior to the audit filter for each audit. The sampler was not operated with the Field Blank in place. The Field Blank was removed shortly after installing and then the audit sample filter cassette was installed. The filter and cassette were examined for defects before installing.

A Trip Blank, which was not removed from the anti-static bag, was included with the cooler, field blank, and the PEP audit sample.

2.4.3 Sample Retrieval, Data Download and Shipping

At approximately 11:00 am the day following the first audit sample collection, and at approximately 8:00 am the day following the second audit sample collection, the PEP sampler was opened and the audit sample was removed with clean, powder-free, gloved hands. Summary data were reviewed from the PQ200A display to ensure completeness and that a valid sample run had occurred. Data were downloaded from the PQ200A and were included with the PEP filter in order to calculate concentration.

The sample chain-of-custody form was completed and the PEP samples, Field Blanks, and Trip Blank, were kept below 4 °C and sent to the Pace lab for post-exposure analyses.

3.0 Audit Results

3.1 PEP Results

Micro-gravimetric results of the PEP audit samples, station FRM samples, and the daily averages of the T640 PM_{2.5} concentrations as measured by the site FEM, are provided in Table 7. The concentrations measured by the site instruments were provided by ERM.

Table 7. NJES PEP Audit Results

Site Sampler and Date	24-hour PEP Audit Value (µg/m ³)	Site Sampler Value (µg/m ³)	Actual Difference (µg/m ³)	% Difference
FEM --- 7/12/2022	6.4	8.0	1.6	25.0 %
FRM --- 7/12/2022		6.6	0.2	3.1 %
FEM --- 7/14/2022	7.7	9.0	1.3	16.9 %

The PEP procedure requires that the ambient concentration be above 3.0 µg/m³ for the audit to be considered valid for statistical analysis. That criterion was met for the PEP audits. That requirement is being evaluated by the EPA. A note from Section 6.4 Schedule of Activities of the Quality Assurance Project Plan (QAPP) for the PEP is included below. In addition, there are ongoing discussions at OAQPS regarding changing the difference comparison to actual difference rather than percent difference for comparison when concentrations are less than 5.0 µg/m³.

NOTE: Sites that have seasonally low concentrations should be sampled during times when concentrations are expected to be greater than 3 µg/m³. EPA recognizes that it may be difficult or impossible to obtain valid audits at sites where the concentration rarely exceeds 3 µg/m³. EPA is currently considering ways to evaluate such sites. Audits that are otherwise valid, but do not meet the “greater than 3 µg/m³” criteria, are still useful to evaluate sampler operation, even if such audit data may not be used in the calculations for sampler bias.

There was excellent agreement between the site FRM sampler and the PEP sampler, with 0.2 µg/m³ difference, or approximately 3%. There is a consistent difference of approximately 1.5 µg/m³ between the PM_{2.5} concentration measured by the PEP sampler and the site FEM sampler, with the site FEM sampler measuring higher. This difference has been observed during previous audits.

Positive differences relative to FRM samplers of this magnitude are common with the T640 optical method.

Although this a relatively small difference it represents a rather large % difference which can be misleading. It should be noted that the manufacture states that the optical measurement usually results in higher and more accurate results than the FRM.

It should be noted that the NPAP PEP QAPP states that the detection limit of the PEP audit sampler is 2.0 µg/m³ and the manufacturer states that the accuracy is ± 1.0 µg/m³. The laboratory data sheets with blank results and replicate results are included in Appendix A.

APPENDIX A

Audit Data Sheets and Laboratory Results

BGI PQ200 Air Sampling System Downloaded 2022 13 jul 11:06:08

Job Details:

Job Name: 1682_22jul12.job
 Version: 6v005
 Serial No: 1682
 Pump Time: 46:44
 Flags:

Job Code:
 Site Name:
 Station Code:
 Operators:
 User1: P2977870
 User2: ERM Rockwool-NJES

	Max	Min	Avg	Units
BP	742	738	740	mmHg
TA	33.6	18.3	23.8	°C
Q	---	---	16.7	Lpm

Timer Information:

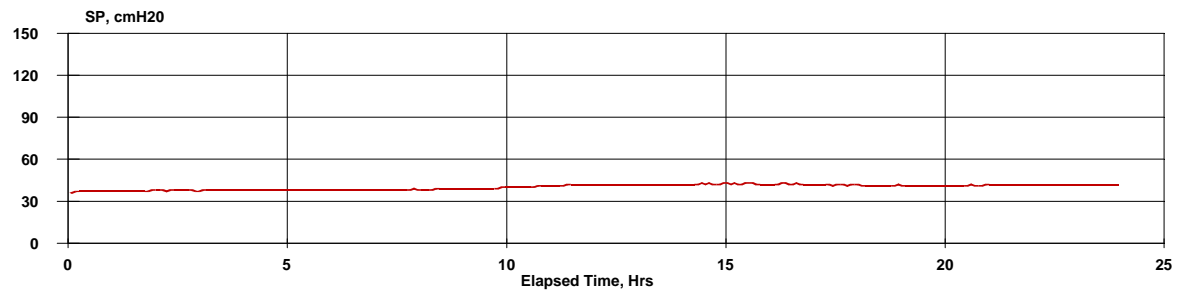
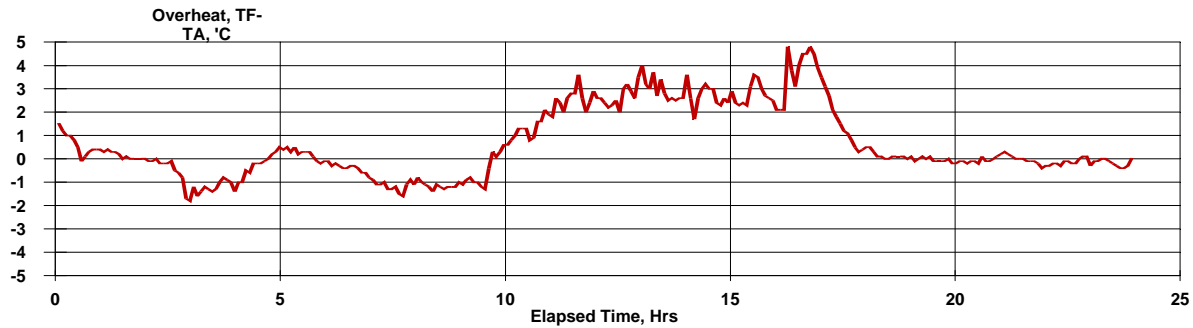
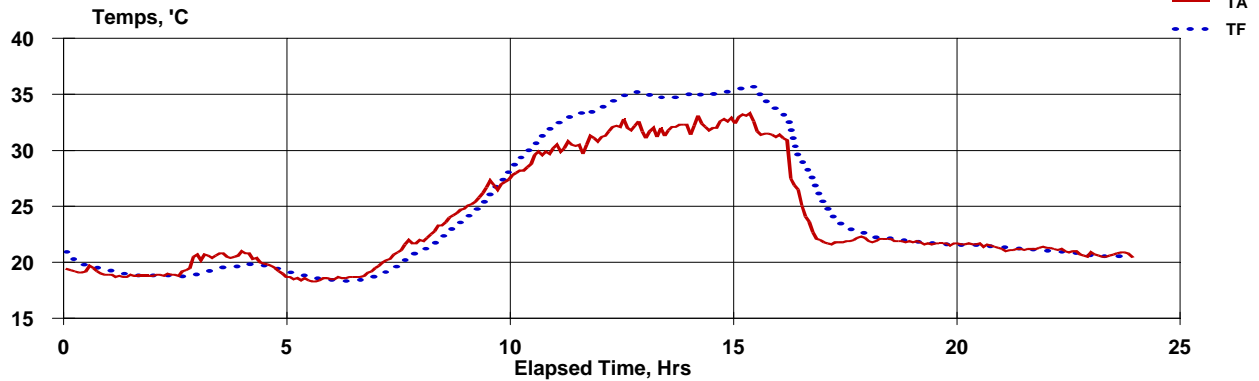
	Date	Time
	dd-mmm	hh:mm:ss
Start:	22-12-jul	0:00:00
Stop:	22-13-jul	0:00:00
ET:	24:00:00	

Mass Concentration Data:

Filter ID:	
Final Wt:	mg
Initial Wt:	mg
Delta Wt:	0.000 mg
Total Vol:	24.048 m ³
Mass Conc:	0 µg/m ³

QCV: 0 %
 Max overheat: 5 °C
 occurred 12-jul 16:13:56

Notes 1:
 Notes 2:



BGI PQ200 Air Sampling System Downloaded 2022 15 jul 08:33:39

Job Details:

Job Name: 1682_22jul14.job
 Version: 6v005
 Serial No: 1682
 Pump Time: 70:34
 Flags:

Job Code:
 Site Name:
 Station Code:
 Operators:
 User1: P2977872
 User2: ERM Rockwool-NJES

	Max	Min	Avg	Units
BP	748	743	746	mmHg
TA	34.8	17.1	25.7	°C
Q	---	---	16.7	Lpm

Timer Information:

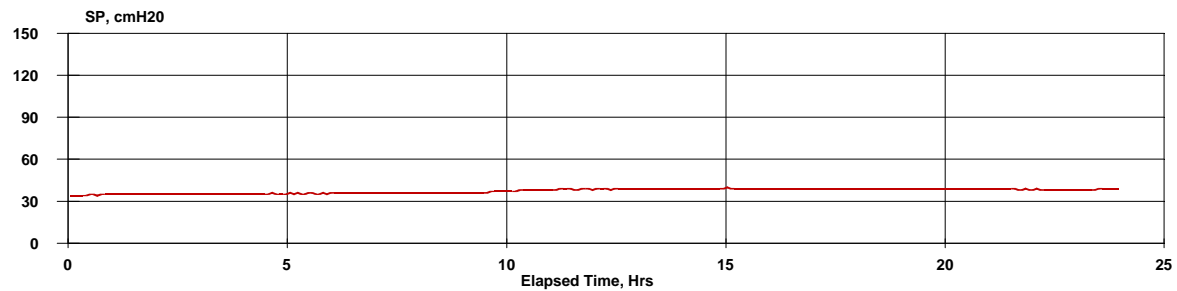
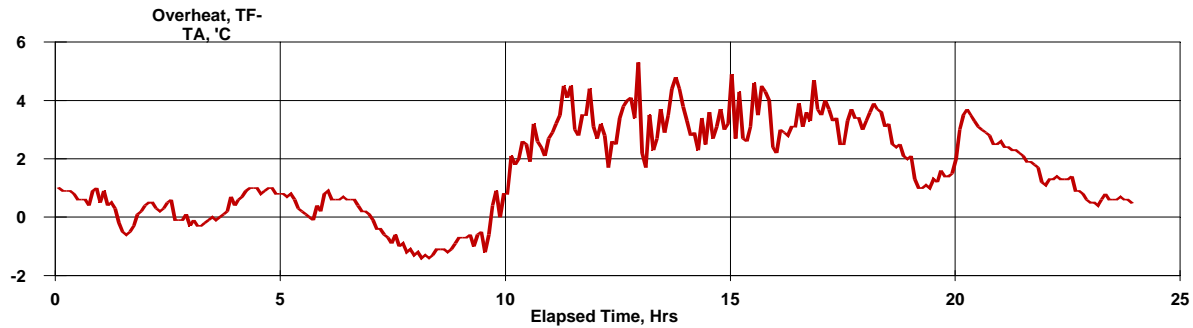
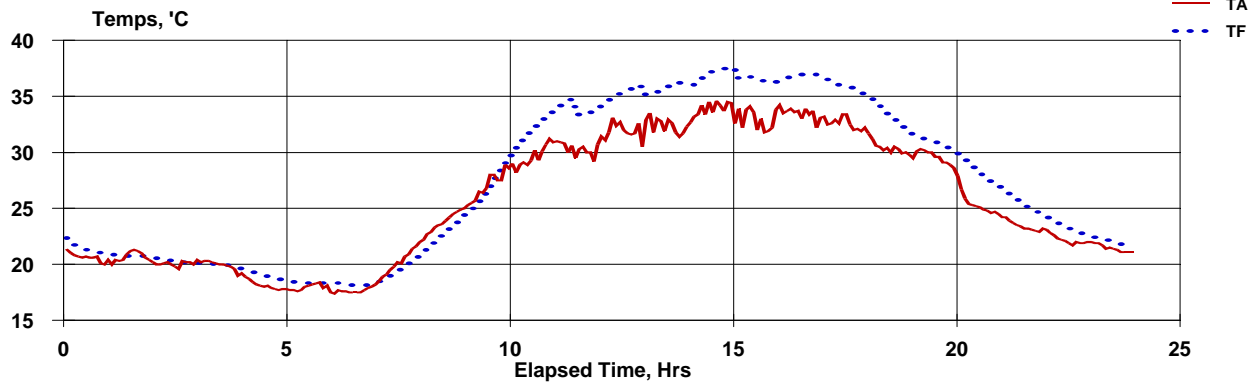
	Date	Time
	dd-mmm	hh:mm:ss
Start:	22-14-jul	0:00:00
Stop:	22-15-jul	0:00:00
ET:	24:00:00	

Mass Concentration Data:

Filter ID:	
Final Wt:	mg
Initial Wt:	mg
Delta Wt:	0.000 mg
Total Vol:	24.048 m ³
Mass Conc:	0 µg/m ³

QCV: 0 %
 Max overheat: 5.6 °C
 occurred 14-jul 11:22:30

Notes 1:
 Notes 2:



PM_{2.5} Sampler Summary

July 11, 2022 - July 14, 2022

Network: EE & MS
Site: EEMS-PEP-Audit
Sampler ID: PEP-B
Sampler Type: BGI PQ100

AQS ID:

Date	Filter ID	Client ID	Concentration	Sample Period (hr:min)	Sample Volume (m3)	Tare (mg)	Mass		Flag	Comments
			(µg/m3) LTP				Gross (mg)	Net (mg)		
07/12/22	P2977870	EEMS-PEP-Audit	6.4	24:00	24.0	388.9670	389.1220	0.1550		
07/14/22	P2977872	EEMS-PEP-Audit	7.7	24:00	24.0	386.5230	386.7100	0.1870		
07/11/22	P2977869	EEMS-PEP-Audit		Field Blank		396.9710	396.9720	0.0010		
07/13/22	P2977871	EEMS-PEP-Audit		Field Blank		398.4310	398.4280	-0.0030		

Validation of data is limited by the provided information. Data have been validated based on laboratory QC, field observations and instrument data if made available, as well as other information available to IML Air Science (IML). Additional data validation based on information not provided to IML may be required. Final validation of these data are the responsibility of the data owner.

Micro-Gravimetric Lab Blank Analysis Results

EE & MS

July 11, 2022 - July 14, 2022

Blank ID	Exposure Analysis Date	Tare (mg)	Mass Gross (mg)	Net (mg)
3032956	07/20/22	392.7570	392.7530	-0.0040

Micro-Gravimetric Replicate Analysis Results

EE & MS

July 11, 2022 - July 14, 2022

Filter ID	Analysis Type	Analysis Date	Mass		Net (mg)
			Original (mg)	Replicate (mg)	
P2977871	Tare	07/01/22	398.4310	398.4270	-0.0040
P2977872	Gross	07/20/22	386.7100	386.7100	0.0000

Micro-Gravimetric Trip Blank Analysis Results

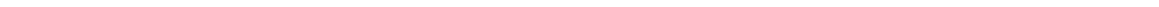
EE & MS

July 11, 2022 - July 14, 2022

Date	Filter ID	Sample ID	Tare (mg)	Mass Gross (mg)	Net (mg)	Comments
	P2977873	EEMS-PEP-Audit	398.6260	398.6180	-0.0080	

APPENDIX B



Maps of Locations




NJES

Write a description for your map.

Legend

-  39.367801, -77.881840
-  Feature 1

 39.367801, -77.881840

Google Earth



300 m

APPENDIX C

Audit Standards Certifications

EPA Region 4 Colocated Study

January 25-27, 2022

Day # (d)	Monitor (i)	Sampler #	Net Weight [mg]	Concentration (Yi)	Percent Difference	Actual Difference (Yi - Xi)
				[µg/m ³]	[(Yi - Xi) / Xi x 100]	[µg/m ³]
1	1	BGI0590	0.208	9.00	-2.58%	-0.24
1	2	BGI0594	0.218	9.38	1.60%	0.15
1	3	BGI0597	0.210	9.05	-2.05%	-0.19
1	4	BGI0630	0.202	8.69	-5.90%	-0.55
1	5	BGI0633	0.211	9.08	-1.70%	-0.16
1	6	BGI0635	0.208	8.96	-3.00%	-0.28
1	7	BGI0638	0.226	9.71	5.19%	0.48
1	8	BGI78994	0.218	9.39	1.68%	0.15
1	9	BGI78995	0.210	9.03	-2.21%	-0.20
1	10	BGI78996	0.221	9.56	3.53%	0.33
1	11	BGI78997	0.201	8.64	-6.43%	-0.59
1	12	BGI0970	0.225	9.70	5.04%	0.47
1	13	BGI1682	0.220	9.50	2.88%	0.27
1	14	BGI90003	0.223	9.60	3.96%	0.37

Mean (Xi) = 9.23

Day # (d)	Monitor (i)	Sampler #	Net Weight [mg]	Concentration (Yi)	Percent Difference	Actual Difference (Yi - Xi)
				[µg/m ³]	[(Yi - Xi) / Xi x 100]	[µg/m ³]
2	1	BGI0590	0.229	9.91	4.31%	0.41
2	2	BGI0594	0.220	9.42	-0.81%	-0.08
2	3	BGI0597	0.215	9.26	-2.50%	-0.24
2	4	BGI0630	0.213	9.16	-3.61%	-0.34
2	5	BGI0633	0.222	9.51	0.13%	0.01
2	6	BGI0635	0.226	9.69	2.00%	0.19
2	7	BGI0638	0.225	9.64	1.44%	0.14
2	8	BGI78994	0.215	9.21	-3.11%	-0.30
2	9	BGI78995	0.218	9.34	-1.70%	-0.16
2	10	BGI78996	No Data	No Data	N/A	N/A
2	11	BGI78997	0.213	9.17	-3.48%	-0.33
2	12	BGI0970	0.228	9.80	3.14%	0.30
2	13	BGI1682	0.229	9.80	3.14%	0.30
2	14	BGI90003	0.225	9.60	1.04%	0.10

Mean (Xi) = 9.50

Day # (d)	Monitor (i)	Sampler #	Net Weight [mg]	Concentration (Yi)	Percent Difference	Actual Difference (Yi - Xi)
				[µg/m ³]	[(Yi - Xi) / Xi x 100]	[µg/m ³]
3	1	BGI0590	0.363	15.73	0.19%	0.03
3	2	BGI0594	0.375	16.16	2.93%	0.46
3	3	BGI0597	0.352	15.25	-2.87%	-0.45
3	4	BGI0630	0.355	15.29	-2.58%	-0.40
3	5	BGI0633	0.366	15.76	0.43%	0.07
3	6	BGI0635	0.369	15.89	1.26%	0.20
3	7	BGI0638	0.361	15.54	-0.96%	-0.15
3	8	BGI78994	0.337	14.50	-7.59%	-1.19
3	9	BGI78995	0.358	15.41	-1.81%	-0.28
3	10	BGI78996	0.364	15.76	0.39%	0.06
3	11	BGI78997	0.354	15.24	-2.88%	-0.45
3	12	BGI0970	0.379	16.40	4.49%	0.71
3	13	BGI1682	0.379	16.40	4.49%	0.71
3	14	BGI90003	0.379	16.40	4.49%	0.71

Mean (Xi) = 15.69



***PM2.5 Performance Evaluation Program
Field Scientist Re-Certification***

[REDACTED]
EEMS

***Satisfactorily fulfilled all requirements for Recertification as Field Scientist
for the “PM 2.5 Performance Evaluation Program” as required by Federal
Monitoring Regulations at 40 CFR Part 58 Appendix A***

Date: December 3, 2020

US EPA Region 7 Location: Kansas City, KS

Certified by

T. Bui

PM 2.5 PEP Lead EPA Region 7

Dennis W. Crumpler

EPA National PM2.5 Performance Evaluation Program Lead

APPENDIX F THIRD-PARTY TTP AUDIT REPORT

Through-The-Probe (TTP) Audit Report
August 2022
Rockwool Site TALES – Shenandoah
Junction, WV

Prepared for:

Environmental Resources Management, Inc.
Rolling Meadows, IL
Quote 2/7/2022

Prepared by:



4577E NW 6th St. Ext.
Gainesville, FL 32609

Report Submitted
October 2022

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- Appendix C** Audit Standards Certifications

List of Acronyms and Abbreviations

CFR	Code of Federal Regulations
EEMS	Environmental, Engineering & Measurement Services, Inc.
EPA	Environmental Protection Agency
ERM	Environmental Resources Management, Inc.
FEM	Federal Equivalent Method
FRM	Federal Reference Method
H-CHO	Formaldehyde
Lpm	liters per minute
mm Hg	millimeters of mercury
NIST	National Institute of Standards and Technology
NO ₂	Nitrogen dioxide
NPAP	National Performance Audit Program
PEP	Performance Evaluation Program
PM _{2.5}	particulate matter of 2.5 microns in aerodynamic diameter or less
PSD	prevention of significant deterioration
QA	quality assurance
QAPP	Quality assurance project plan
S/N	serial number
SLAMS	State and Local Air Monitoring Station
SO ₂	Sulfur dioxide
SOP	standard operating procedure
TTP	Trough-the-probe
µg/m ³	micrograms per cubic meter

1.0 Introduction

Environmental, Engineering & Measurement Services, Inc. (EEMS) was contracted by Environmental Resources Management, Inc. (ERM) to conduct audits of the Rockwool air quality monitoring network located near the small town of Ranson, WV. The purpose of this network is to partner with the local community and inform stakeholders and residents to potential air quality issues due to the construction and operation of the Rockwool plant which produces mineral wool insulation. Operation of the air quality monitoring network is voluntary and intended to ensure the wellbeing of the nearby sensitive population, including elementary school students.

Currently the monitoring network consists of two stations, and is operated by ERM on behalf of Rockwool. The operation of the monitoring network meets the requirements in Appendix B to 40 CFR Part 58. Rockwool requires that this monitoring network be audited following the National Performance Audit Program (NPAP) and the Performance Evaluation Program (PEP) as is required of State and Local Air Monitoring Stations (SLAMS) by the U.S. EPA.

The NPAP is a quality assurance (QA) program implemented by the EPA Office of Air Quality Planning and Standards (OAQPS) to conduct audits of air pollutant monitors by standard methods throughout each region of the U.S. The method includes introduction of National Institute of Standards and Technology (NIST) traceable audit gases to the station monitors through the ambient sample inlet, or through-the-probe (TTP), including all filters and fittings. This method evaluates measurement system accuracy including the entire sample train. The audit gas concentrations are also measured and verified with an audit analyzer on-site which is calibrated at the time of the audit.

The PEP is a QA activity used to evaluate measurement system bias of the PM_{2.5} monitoring network. This is accomplished by co-locating a portable FRM PM_{2.5} air-sampling instrument with the station air-monitoring instrument, operating both samplers, and comparing the results.

EEMS performed the TTP audit at the Rockwool network TA Lowery Elementary School (TALES) site, following EPA's Quality Assurance Guidance Document – Method Compendium – Field Standard Operating Procedures (SOP) for the Federal PM_{2.5} Performance Evaluation Program and NPAP TTP Audit SOP. This report includes the results of the audits conducted on August 29, 2022.

The TALES monitoring site is located near the intersection of Charles Town and Shenandoah Roads, just on the western edge of Shenandoah Junction, in Jefferson County, WV. Map images of the site is included in Appendix B. The monitoring site coordinates are provided in Table 1 and an image of the station is included as Figure 1 below.

Table 1. Station Location

Station	Latitude (°)	Longitude (°)	Elevation (m)
Rockwool TALES	39.357416	-77.854081	172

Figure 1. Rockwool TALES Site



The audited monitoring equipment operating at the site is presented in Table 2.

Table 2. Equipment Audited

Site Location	Parameter	Manufacture	Model	Serial #.
Rockwool TALES	Formaldehyde (H ₂ CO)	Aeris Technologies	MIRA	100059
Rockwool TALES	Sulfur Dioxide (SO ₂)	TEI	43iQ	1190782124

Gaseous pollutant monitor support materials (dilution and zero air systems) are also operated at the site. Details of the audit are presented in the following sections:

Section 2.0	Audit Methods and Equipment
Section 3.0	Audit Results
Appendix A	Audit Data Sheets and Laboratory Results
Appendix B	Maps of Locations
Appendix C	Audit Standards Certifications

The preparation of this report, and all the activities and tasks described in this report, were performed by an accredited NPAP-TTP/PEP mobile lab Field Scientist. All procedures followed during the audits were provided by OAQPS and are available at the OAQPS website: <https://www3.epa.gov/ttn/amtic/npepqa.html>.

Appendix C includes copies of the NIST-traceable certifications of the audit standards.

2.0 Audit Methods and Equipment

This section describes the steps followed in the performance of these audits. EEMS followed the document referenced above rigorously. Supplemental guidance and excerpts from the method can be found at <https://www3.epa.gov/ttn/amtic/npepqa.html>

2.1 Certification of EEMS Standards

All standards owned and maintained by EEMS undergo annual NIST-traceable certification. The standards include EPA Protocol Gas standards, digital multi-meters, meteorological sensors and standards, and various flow rate measurement systems including two DeltaCal devices. Copies of the annual certifications of the EEMS standards used for these audits are included in Appendix C.

2.2 EPA Protocol Gas Standards and EEMS Mobile Laboratory

EEMS owns and maintains a Thermo Environmental Instruments Inc. (TEI) 48i TLE CO analyzer which is used to verify standard audit gas concentrations during TTP audits. The CO analyzer is mounted and operated in a climate controlled mobile laboratory with a multi-gas dilution system and NIST-traceable EPA Protocol Gas standards. The NIST-traceable gases include cylinders of high concentration CO, low concentration CO, and a multi-blend NO, CO, SO₂ mixture. The mobile laboratory is equipped with its own data acquisition system (DAS). An image of the EEMS mobile laboratory is included in Figure 2.

The system is verified by the EPA Region 7 Laboratory each year. The NIST-traceable certification from the gas standards supplier, and the most recent verification and certification from the Region 7 lab are included in Appendix C.

Figure 2. EEMS Mobile Laboratory

2.3 Field Activities

On Monday, August 29, EEMS personnel met ERM personnel at the facility and the TTP audits of the station monitors were performed. Due to a malfunction of the station nitrogen oxides monitor, it was not audited. Field activities were concluded that day.

2.3.1 Gaseous Pollutant Monitor Audits

The EEMS mobile laboratory audit analyzers and systems were allowed to warm-up for at least 48 hours prior to the station audit. Audits of gaseous pollutant monitors were performed simultaneously by providing audit gas to monitor inlets using Teflon “Tee” connectors.

All monitor sample pressures and flow rates were checked prior to, and following the introduction of audit gas to ensure that changes to the routine sampling variables did not occur as a result of the addition of audit gas (test atmosphere) to the sampling inlet.

To be equivalent to the NPAP, an annual performance evaluation (PE) requires that the station monitor be challenged (TTP) with audit gas standards of known concentration from at least three approved audit levels, and verified with an audit standard. The NPAP requires challenges at levels 3, 4, and 5, and recommends a challenge at level 1 or 2. The selected audit levels for the PE should be defined in the Quality Assurance Project Plan (QAPP) developed by the Primary Quality Assurance Organization (PQAO) responsible for managing the monitoring network. The QAPP must be approved by the state or federal authority responsible for oversight of the program.

The compliance of audit levels with federal regulations and guidelines should be determined during the routine Technical Systems Audits (TSA) performed by the oversight authority. It is not the responsibility of the EEMS field scientist to select audit levels. The field scientist relies on the station manager to select the audit levels since the station manager is familiar with the QAPP and the concentrations measured at the monitoring station. In general, the audit levels should be representative of the measured ambient concentrations to be equivalent to the federal NPAP. Table 3 provides the approved list of audit levels. The final results of the TTP PE audits are included in Section 3.0.

Table 3. OAQPS Approved Audit Levels

Audit Level	Concentration Range, ppm			
	O ₃	SO ₂	NO ₂	CO
1	0.004 - 0.0059	0.0003 - 0.0029	0.0003 - 0.0029	0.020 - 0.059
2	0.006 - 0.019	0.0030 - 0.0049	0.0030 - 0.0049	0.060 - 0.199
3	0.020 - 0.039	0.0050 - 0.0079	0.0050 - 0.0079	0.200 - 0.899
4	0.040 - 0.069	0.0080 - 0.0199	0.0080 - 0.0199	0.900 - 2.999
5	0.070 - 0.089	0.0200 - 0.0499	0.0200 - 0.0499	3.000 - 7.999
6	0.090 - 0.119	0.0500 - 0.0999	0.0500 - 0.0999	8.000 - 15.999
7	0.120 - 0.139	0.1000 - 0.1499	0.1000 - 0.2999	16.000 - 30.999
8	0.140 - 0.169	0.1500 - 0.2599	0.3000 - 0.4999	31.000 - 39.999
9	0.170 - 0.189	0.2600 - 0.7999	0.5000 - 0.7999	40.000 - 49.999
10	0.190 - 0.259	0.8000 - 1.000	0.8000 - 1.000	50.000 - 60.000

Formaldehyde is not a criteria pollutant and therefore EPA has not included formaldehyde in the approved audit level table. Concentration levels selected for the formaldehyde audit were discussed with the station manager and ensured that the maximum audit value was higher than any concentration measured at the site. Results of the formaldehyde audit are based solely on the calibration of the flow controllers in the dilution system and the manufacturer's certification of the audit gas cylinder.

2.3.2 Specific SO₂ Audit Activities

Prior to beginning the SO₂ audit, the EEMS audit CO analyzer was calibrated using zero air system and CO gases. This was accomplished by supplying the EEMS mobile laboratory CO analyzer with NIST-traceable gas directly from the cylinders and not through the mobile lab dilution system. Data from this “Pre-audit” calibration was entered into the OAQPS audit spreadsheet to be used to calculate the concentration of all audit gases generated during the station audits.

The site audits were accomplished by generating audit test gas using the mobile laboratory dilution system and the NIST-traceable multi-blend gas. The audit gas was delivered to the station monitors at the station sample inlet, through all filters and fittings using Teflon tubing and Tee fittings to allow the audit gas to vent at the inlet. The generated audit gas CO concentrations were verified with the mobile laboratory CO analyzer. The other audit gas concentrations were then calculated based on the ratio of CO to the other gases in the NIST-traceable multi-blend audit gas cylinder.

Immediately following the station audits, the mobile laboratory CO analyzer was again challenged directly with the NIST-traceable cylinder gases. The results of this “Post-audit” challenge were entered into the OAQPS spreadsheet to correct the audit standard gas concentrations, accounting for any drift of the mobile laboratory CO analyzer. This procedure (Pre-audit CO calibration, multipoint station audits, and Post-audit CO challenge) is the same OAQPS standard procedure used routinely for all NPAP-TTP audits.

3.0 Audit Results

3.1 TTP Sulfur Dioxide Audit Results

The SO₂ monitor audit results were within the acceptance limits of $\pm 15\%$ of any single audit point and within the warning limit of $\pm 10\%$ for all points. There were no observed problems with the accuracy of the station monitor. The results of the SO₂ audit are summarized in Table 4. The field audit forms are included in Appendix A.

Table 4. Sulfur Dioxide TTP Audit Results

Site and Audit Level	Audit Value (ppm)	Site Value (ppm)	% Difference	Actual Difference (ppm)	Pass Warning Fail
TALES – level 6	0.07850	0.08314	5.9	0.00464	Pass
TALES – level 5	0.04509	0.04731	4.9	0.00222	Pass
TALES – level 4	0.01712	0.01633	-4.6	-0.00079	Pass
TALES – level 2	0.00445	0.00420	N/A	-0.00025	Pass

3.2 TTP Formaldehyde Audit Results

The audit results of the formaldehyde monitor are included in Table 5 below. The field audit form is included in Appendix A.

Table 5. Formaldehyde TTP Audit Results

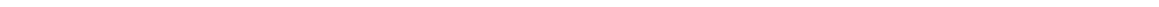
Site and Audit Level	Audit Value (ppm)	Site Value (ppm)	% Difference	Actual Difference (ppm)	Pass Warning Fail
TALES – level 6	0.0911	0.0838	-8.0	-0.0073	Pass
TALES – level 5	0.0453	0.0418	-7.8	-0.0035	Pass
TALES – level 4	0.0171	0.0164	-4.3	-0.0007	Pass
TALES – level 2	0.0045	0.0033	N/A	-0.0012	Pass

Additional Audits

At the time of this report, four PEP audits, and one TTP audit of the SO₂ and HCOH pollutant monitors within the Rockwool monitoring network have been performed in 2022. One additional PEP audit, and a TTP audit of one NO_x monitor are required for calendar year 2022.

APPENDIX A

Audit Data Sheets and Laboratory Results



FINAL SUMMARY AUDIT REPORT CO BASED
EEMS Van-3

Site Name: Rockwool TALES

Audit Date: 8/29/2022

Parameter	NPAP Lab Response (ppm)	Station Response (ppm)	Percent Difference	Actual Difference (ppm)	Pass/Fail	Warning
Ozone						
Pre Zero						
Audit Level 6					N/A	
Audit Level 4					N/A	
Audit Level 3					N/A	
Audit Level 2					N/A	
Post Zero						
Pre Zero	0.0351					
CO Audit level 4	2.5985				N/A	
CO Audit level 4	1.4927				N/A	
CO Audit level 3	0.5668				N/A	
CO Audit level 2	0.1473				N/A	
CO Audit level 1					N/A	
Post Zero	0.0071					
Oxides of Nitrogen						
Pre Zero	0.00102					
NO Audit Point #1	0.07576				N/A	
NO Audit Point #2	0.04352				N/A	
NO Audit Point #3	0.01653				N/A	
NO Audit Point #4	0.00429				N/A	
NO Audit Point #5					N/A	
Post Zero	0.00021					
Pre Zero	0.00104					
NOx Audit Point #1	0.07708				N/A	
NOx Audit Point #2	0.04428				N/A	
NOx Audit Point #3	0.01681				N/A	
NOx Audit Point #4	0.00437				N/A	
NOx Audit Point #5					N/A	
Post Zero	0.00021					
Pre Zero	0.00002					
NO2 Audit level 5					N/A	
NO2 Audit level 4					N/A	
NO2 Audit level 2					N/A	
NO2 Audit level 1					N/A	
Post Zero	0.00000					
Converter Efficiency NO2 level 5					N/A	
Converter Efficiency NO2 level 4					N/A	
Converter Efficiency NO2 level 2					N/A	
Converter Efficiency NO2 level 1					N/A	
Converter Efficiency calculated by OAQPS QA Guidance Doc 2.3 February 2002 =				#VALUE!	N/A	#VALUE!
Sulfur Dioxide						
Pre Zero	0.00106	0.00099		-0.00007	Pass	
SO2 Audit level 6	0.07850	0.08314	5.9	0.00464	Pass	
SO2 Audit level 5	0.04509	0.04731	4.9	0.00222	Pass	
SO2 Audit level 4	0.01712	0.01633	-4.6	-0.00079	Pass	
SO2 Audit level 2	0.00445	0.00420	-5.6	-0.00025	Pass	
SO2 Audit level 1					N/A	
Post Zero	0.00022	0.00067		0.00045	Pass	

FINAL THROUGH-THE-PROBE AUDIT REPORT
EEMS Van-3

SULFUR DIOXIDE REPORT

Site Name: Rockwool TALES
Auditor: Eric Hebert
Station Manager: Andrew Rengel

Airs ID:
Audit Date: 08/29/22

MOBILE LAB INSTRUMENTS

Instrument:	Ozone -- # 01114	CO -- # 01132
Manufacturer:	Thermo	TEI
Model:	49i	48i TLE
Serial Number:	1180030022	1406960656
Calibration Date:	01/20/21	Calibrated
Slope	1.0003	on
Intercept	0.0003055	day of audit

STATION INSTRUMENT INFORMATION

Instrument:	SO2	
Manufacturer/Model #:	TEI	43iQ
Property Number:	1190782124	
Calibration Date:	07/12/22	
Slope/Intercept:	0.000	0.000
Indicated Flow:	0.41	
In-Line Filter Change:	8/8/2022	
Manifold Type:	1/4" Teflon	

FINAL SULFUR DIOXIDE AUDIT RESULTS

Audit SO2 Concentration (ppm)	Site Response (ppm)	Percent Difference
0.0011	0.0010	
0.0785	0.0831	5.9
0.0451	0.0473	4.9
0.0171	0.0163	-4.6
0.0045	0.0042	-5.6
0.0002	0.0007	

SO ₂ Audit level 6	<u>Pass/Fail</u>	<u>Warning</u>
SO ₂ Audit level 5	Pass	
SO ₂ Audit level 4	Pass	
SO ₂ Audit level 2	Pass	
SO ₂ Audit level 1	N/A	

Auditor	<u>Eric Hebert</u>
	Print
	<i>Eric Hebert</i>
	Signature
EPA person notified in case of audit failure	

Audit Limits

Pass	Bias < ±15% Levels 3 and above
Fail	Bias > ±15% OR difference from actual concentration > ± 1.5 ppb Levels 1 & 2
Warning	Bias > ±10% Levels 3 and above

FINAL SUMMARY AUDIT REPORT FLOW BASED
EEMS Van-3

Site Name: Rockwool TALES

Audit Date: 8/29/2022

Parameter	NPAP Lab Response (ppm)	Station Response (ppm)	Percent Difference	Actual Difference (ppm)	Pass/Fail	Warning
Ozone						
Pre Zero	0.0000	0.0000		0.0000		
Audit Level 6					N/A	
Audit Level 4					N/A	
Audit Level 3					N/A	
Audit Level 2					N/A	
Post Zero						
CO						
Pre Zero						
CO Audit level 4	20.957				N/A	
CO Audit level 4	10.421				N/A	
CO Audit level 3	3.930				N/A	
CO Audit level 2	1.032				N/A	
CO Audit level 1					N/A	
Post Zero						
Oxides of Nitrogen						
NO						
Pre Zero						
NO Audit Point #1	0.6110				N/A	
NO Audit Point #2	0.3038				N/A	
NO Audit Point #3	0.1146				N/A	
NO Audit Point #4	0.0301				N/A	
NO Audit Point #5					N/A	
Post Zero						
NOx						
Pre Zero						
NOx Audit Point #1	0.6322				N/A	
NOx Audit Point #2	0.3144				N/A	
NOx Audit Point #3	0.1186				N/A	
NOx Audit Point #4	0.0311				N/A	
NOx Audit Point #5					N/A	
Post Zero						
NO2						
Pre Zero						
NO2 Audit level 5					N/A	
NO2 Audit level 4					N/A	
NO2 Audit level 2					N/A	
NO2 Audit level 1	0.0000	0.0000		0.0000	N/A	
Post Zero						
Converter Efficiency NO2						
Converter Efficiency NO2 level 5					N/A	
Converter Efficiency NO2 level 4					N/A	
Converter Efficiency NO2 level 2					N/A	
Converter Efficiency NO2 level 1					N/A	
Converter Efficiency calculated by OAQPS QA Guidance Doc 2.3 February 2002 =				#VALUE!	N/A	
FORMALDEHYDE						
Pre Zero						
HCOH Audit level 6	0.0911	0.0838	-8.0	-0.0073	Pass	
HCOH Audit level 5	0.0453	0.0418	-7.8	-0.0035	Pass	
HCOH Audit level 4	0.0171	0.0164	-4.3	-0.0007	Pass	
HCOH Audit level 2	0.0045	0.0033	-26.0	-0.0012	Pass	
HCOH Audit level 1					N/A	
Post Zero						

FINAL THROUGH-THE-PROBE AUDIT REPORT
EEMS Van-3

Formaldehyde

Site Name: Rockwool TALES
 Auditor: Eric Hebert
 Station Manager: Andrew Rengel

Airs ID:
 Audit Date: 08/29/22

MOBILE LAB INSTRUMENTS

Instrument:	Ozone -- # 01114	CO -- # 01132
Manufacturer:	Thermo	TEI
Model:	49i	48i TLE
Serial Number:	1180030022	1406960656
Calibration Date:	01/20/21	Calibrated
Slope	1.0003	on
Intercept	0.0003055	day of audit

STATION INSTRUMENT INFORMATION

Instrument:	HCOH	
Manufacturer/Model #:	Aeris	MIRA
Property Number:	100059	
Calibration Date:	07/14/22	
Slope/Intercept:	0.000	0.000
Indicated Flow:	0	
In-Line Filter Change:	8/8/2022	
Manifold Type:	1/4" Teflon	

FINAL FORMALDEHYDE AUDIT RESULTS

Audit HCOH Concentration (ppm)	Site Response (ppm)	Percent Difference
0.0911	0.0838	-8.0
0.0453	0.0418	-7.8
0.0171	0.0164	-4.3
0.0045	0.0033	-26.0

HCOH Audit level 6	<u>Pass/Fail</u>	<u>Warning</u>
HCOH Audit level 5	Pass	
HCOH Audit level 4	Pass	
HCOH Audit level 2	Pass	
HCOH Audit level 1	N/A	

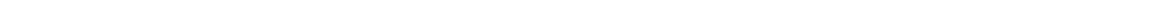
Auditor	<u>Eric Hebert</u>
	Print
	<i>Eric Hebert</i>
	Signature
EPA person notified in case of audit failure	

Audit Limits

Pass	Bias < ±15% Levels 3 and above
Fail	Bias > ±15% OR difference from actual concentration > ± 1.5 ppb Levels 1 & 2
Warning	Bias > ±10% Levels 3 and above

APPENDIX B

Maps of Locations

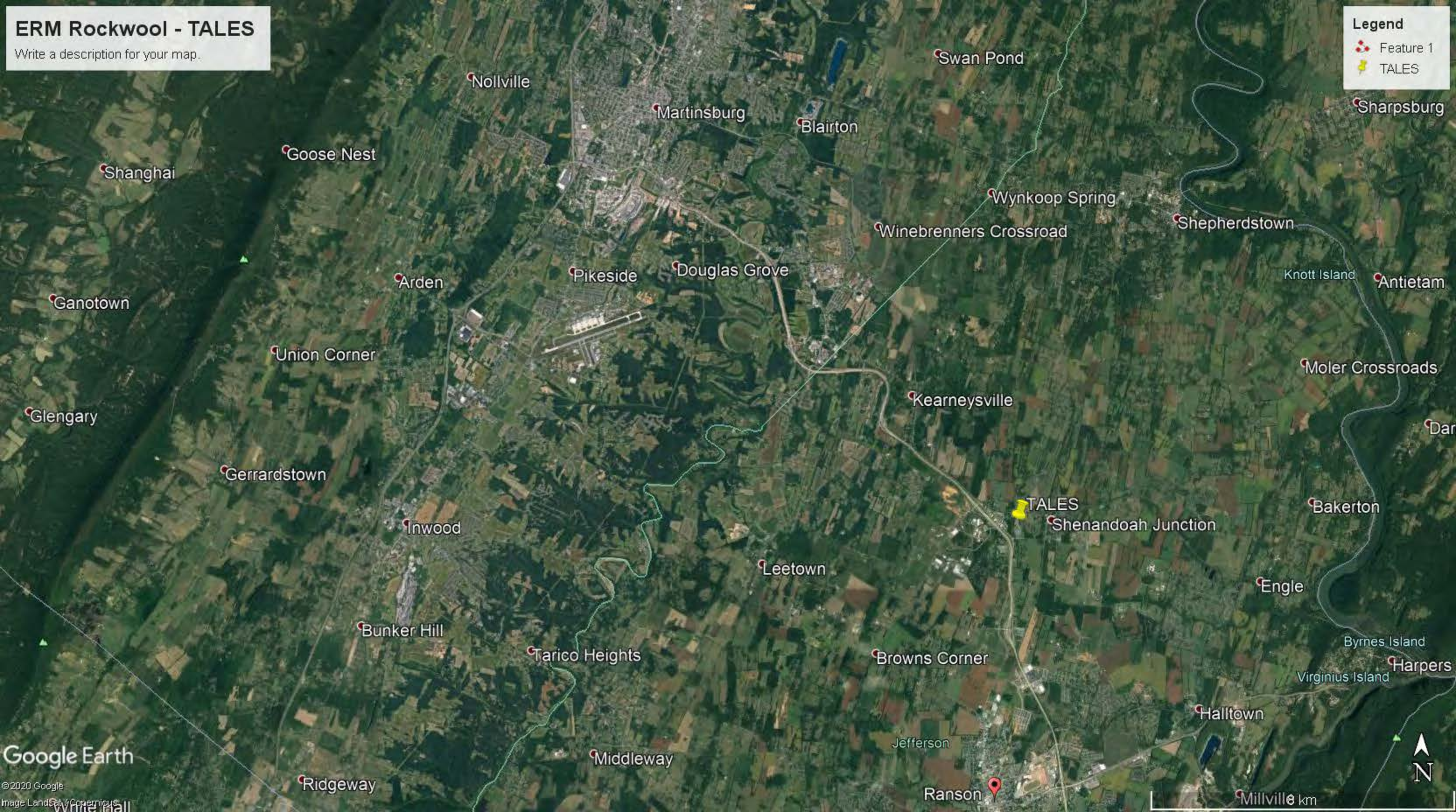


ERM Rockwool - TALES

Write a description for your map.

Legend

- Feature 1
- TALES

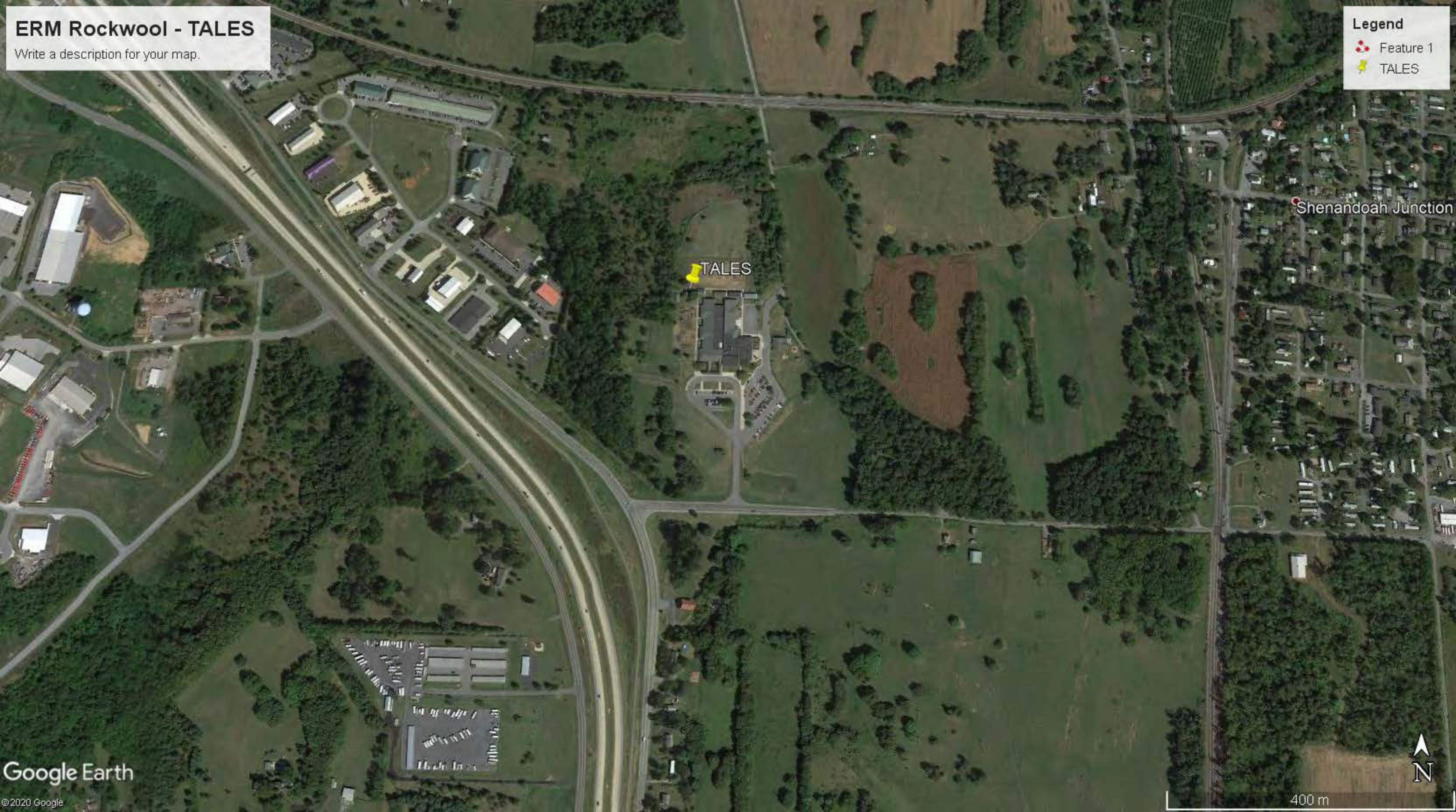


ERM Rockwool - TALES

Write a description for your map.

Legend

- Feature 1
- TALES



Shenandoah Junction

TALES



APPENDIX C

Audit Standards Certifications

CERTIFICATE OF ANALYSIS

Grade of Product: EPA Protocol

*Van 3
multi blend*

Part Number: E04NI99E80A00KC Reference Number: 122-400963914-1A
Cylinder Number: JB03523 Cylinder Volume: 83.4 CF
Laboratory: 124 - Durham (SAP) - NC Cylinder Pressure: 1750 PSIG
PGVP Number: B22017 Valve Outlet: 660
Gas Code: CO,NO,NOX,SO2,BALN Certification Date: Sep 06, 2017

Expiration Date: Sep 06, 2020

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	15.15 PPM	15.22 PPM	G1	+/- 1.4% NIST Traceable	08/30/2017, 09/06/2017
NITRIC OXIDE	15.15 PPM	14.96 PPM	G1	+/- 1.4% NIST Traceable	08/30/2017, 09/06/2017
SULFUR DIOXIDE	15.72 PPM	16.21 PPM	G1	+/- 1.2% NIST Traceable	08/30/2017, 09/06/2017
CARBON MONOXIDE	510.0 PPM	513.1 PPM	G1	+/- 0.7% NIST Traceable	08/30/2017
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	15061037	CC442704	18.12 PPM NITRIC OXIDE/NITROGEN	+/- 1.2%	Nov 11, 2018
PRM	12367	APEX1099237	10.00 PPM NITROGEN DIOXIDE/AIR	+/- 1.5%	May 29, 2016
GMIS	1114201603	CC506722	4.965 PPM NITROGEN DIOXIDE/NITROGEN	+/- 2.0%	Nov 14, 2019
SRM	96-K-004	CAL015233	49.66 PPM SULFUR DIOXIDE/NITROGEN	+/- 1.0%	Mar 22, 2019
GMIS	124542142108	CC415491	15.04 PPM SULFUR DIOXIDE/NITROGEN	+/- 1.1%	Jun 03, 2020
NTRM	12062411	CC214643	487.1 PPM CARBON MONOXIDE/NITROGEN	+/- 0.6%	Jun 22, 2018

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801333 CO	FTIR	Aug 24, 2017
Nicolet 6700 AHR0801333 NO	FTIR	Aug 24, 2017
Nicolet 6700 AHR0801333 NO2	FTIR	Aug 24, 2017
Nicolet 6700 AHR0801333 SO2	FTIR	Aug 24, 2017

Triad Data Available Upon Request



*SO2 Re-cert at EPA R7
11/30/2020 15.50 ppm*

(90)

Approved for Release

CERTIFICATE OF ANALYSIS

Grade of Product: CERTIFIED STANDARD-SPEC

Customer:	ENVIRONMENTAL ENGINEERING &	Reference Number:	160-402338920-1
Part Number:	X02NI99C33A01E4	Cylinder Volume:	20.9 CF
Cylinder Number:	EA0026771	Cylinder Pressure:	1450 PSIG
Laboratory:	124 - Plumsteadville - PA	Valve Outlet:	350SS
Analysis Date:	Mar 31, 2022		
Lot Number:	160-402338920-1		

Expiration Date: Sep 30, 2022

Product composition verified by direct comparison to calibration standards traceable to N.I.S.T. weights and/or N.I.S.T. Gas Mixture reference materials.

ANALYTICAL RESULTS

Component	Req Conc	Actual Concentration (Mole %)	Analytical Uncertainty
FORMALDEHYDE	3,000 PPM	2.230 PPM	+/- 10%
NITROGEN	Balance		



T. Ludwig

Approved for Release

FINAL SUMMARY AUDIT REPORT CO BASED
EEMS Van-3

Site Name: EPA R-7

Audit Date: 11/30/2020

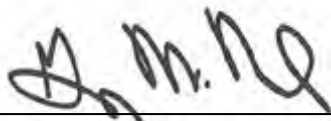
Parameter	NPAP Lab Response (ppm)	Station Response (ppm)	Percent Difference	Actual Difference (ppm)	Pass/Fail	Warning
Ozone						
Pre Zero						
Audit Level 6					N/A	
Audit Level 4					N/A	
Audit Level 3					N/A	
Audit Level 2					N/A	
Post Zero						
Carbon Monoxide						
Pre Zero	-0.0046	-0.012		-0.00769	Pass	
CO Audit level 4	2.5450	2.521	-1.0	-0.02453	Pass	
CO Audit level 4	1.5369	1.514	-1.5	-0.02343	Pass	
CO Audit level 3	0.5969	0.587	-1.7	-0.01037	Pass	
CO Audit level 2	0.1307	0.123	-6.2	-0.00816	Pass	
CO Audit level 1	0.0402	0.030	-25.4	-0.01021	Pass	
Post Zero	-0.0083	-0.009		-0.00077	Pass	
Oxides of Nitrogen						
Pre Zero	-0.00013	-0.00020		-0.00007	Pass	
NO Audit Point #1	0.07420	0.07440	0.3	0.00020	Pass	
NO Audit Point #2	0.04481	0.04490	0.2	0.00009	Pass	
NO Audit Point #3	0.01740	0.01750	0.6	0.00010	Pass	
NO Audit Point #4	0.00381	0.00390	2.4	0.00009	Pass	
NO Audit Point #5	0.00117	0.00120	2.6	0.00003	Pass	
Post Zero	-0.00024	-0.00020		0.00004	Pass	
Pre Zero	-0.00014	-0.00020		-0.00006	Pass	
NOx Audit Point #1	0.07549	0.07420	-1.7	-0.00129	Pass	
NOx Audit Point #2	0.04559	0.04470	-2.0	-0.00089	Pass	
NOx Audit Point #3	0.01770	0.01740	-1.7	-0.00030	Pass	
NOx Audit Point #4	0.00388	0.00380	-2.1	-0.00008	Pass	
NOx Audit Point #5	0.00119	0.00110	-7.6	-0.00009	Pass	
Post Zero	-0.00025	-0.00020		0.00005	Pass	
Pre Zero	0.00000	0.00010		0.00010	Pass	
NO2 Audit level 5	0.04659	0.04570	-1.9	-0.00089	Pass	
NO2 Audit level 4	0.01775	0.01710	-3.7	-0.00065	Pass	
NO2 Audit level 2	0.00409	0.00380	-7.1	-0.00029	Pass	
NO2 Audit level 1	0.00157	0.00130	-17.2	-0.00027	Pass	
Post Zero	0.00000	-0.00010		-0.00010	Pass	
Converter Efficiency NO2 level 5	100.9%				Pass	
Converter Efficiency NO2 level 4	101.8%				Pass	
Converter Efficiency NO2 level 2	102.7%				Pass	
Converter Efficiency NO2 level 1	93.2%				Fail	
Converter Efficiency calculated by OAQPS QA Guidance Doc 2.3 February 2002 =				100.7%	Pass	
Sulfur Dioxide						
Pre Zero	-0.00014	0.00008		0.00022	Pass	
SO2 Audit level 6	0.07688	0.07709	0.3	0.00021	Pass	
SO2 Audit level 5	0.04643	0.04694	1.1	0.00051	Pass	
SO2 Audit level 4	0.01803	0.01849	2.6	0.00046	Pass	
SO2 Audit level 2	0.00395	0.00372	-5.8	-0.00023	Pass	
SO2 Audit level 1	0.00121	0.00140	15.7	0.00019	Pass	
Post Zero	-0.00025	0.00012		0.00037	Pass	

Field Scientist Certification

Eric Hebert

*Has satisfactorily completed
The US Environmental Protection Agency's
“National Performance Audit Program (NPAP)
Field Scientist Re-certification Course”*

**Office of Air Quality Planning and Standards
Research Triangle Park, NC
Course Dates: October 2-4, 2019**



Gregory W. Noah
NPAP National Coordinator
USEPA, OAQPS, AAMG

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