



pennsylvania

DEPARTMENT OF ENVIRONMENTAL
PROTECTION

Bureau of Air Quality

***Baseline Crystalline Silica PM₄ Monitoring Project
Tunkhannock, Wyoming County, PA***

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Tom Wolf, Governor

John Quigley, Secretary

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Baseline Crystalline Silica PM₄ Monitoring Project Tunkhannock, Wyoming County

I. INTRODUCTION

The Borough of Tunkhannock, incorporated in 1841, is located in Northeastern Pennsylvania within the Scranton- Wilkes-Barre -Hazleton Metropolitan Statistical Area. Tunkhannock Borough is the County Seat of Wyoming County and it has a population of approximately 1,911. Tunkhannock Township surrounds the Borough and has a population of about 6,789, according to the 2010 United States Census.

In early 2015, D&I Silica, LLC of Sheffield, PA proposed to construct and operate a silica sand transloading facility in Tunkhannock Township. D&I Silica provides rail-based bulk materials handling, transportation, warehouse, and distribution services to a variety of industries. The company engages in the procurement and handling of specialized oil and gas well completion equipment and materials and supplies including proppants, such as “frac” sand. An image of the general Tunkhannock area and the proposed location of the D&I Silica facility are shown the red circle in Figure 1.

Figure 1. Image of the general Tunkhannock area.



A number of residents in the Tunkhannock area expressed a great deal of concern regarding the proposed close proximity of the D&I Silica facility to the Hickory Dickory Dock daycare center and two adjacent Little League baseball fields. They believed that silica sand, as well as diesel emissions from the anticipated increase in truck traffic, would present respiratory hazards for their children as well as the entire community. The day care center staff had taken a stance that the silica sand and increased diesel emissions posed significant health risks to its children.

Residents opposed to the D&I Silica facility provided documentation and expert opinions that airborne silica is a lung carcinogen that can lead to *silicosis*, an irreversible, crippling, and potentially fatal lung disease. The World Health Organization's International Agency for Research on Cancer and the U.S. National Toxicology Program have both identified crystalline silica as a known carcinogen. According to the U.S. National Toxicology Program's *13th Report on Carcinogens*, "*crystalline silica is an abundant and commonly found natural material. Human exposure to respirable crystalline silica, primarily quartz dust, occurs mainly in industrial and occupational settings. Non-occupational exposure to respirable crystalline silica results from natural processes and anthropogenic sources; silica is a common air contaminant. Residents near quarries and sand and gravel operations potentially are exposed to respirable crystalline silica.*"¹

The Wyoming County Commissioners, after consideration of the residents' concerns, requested that the PA Department of Environmental Protection (DEP) conduct air monitoring in the Tunkhannock Borough and Township areas. In response to the Commissioners' requests, staff in the Air Toxics Monitoring Section of DEP's Bureau of Air Quality developed a protocol and commenced an ambient air monitoring project to determine baseline crystalline silica concentrations in the Tunkhannock area.

DEP found that the results of the short-term particulate matter (PM) sampling project in the Tunkhannock area are comparable to other PM samplers operating in the region. The analysis for crystalline silica (measured as PM_{4.0}) conducted by the Department indicated non-detects for the vast majority of the samples. For the two PM_{4.0} samples that had concentrations above the detection limits, the trace amounts were insufficient to raise any immediate concern about potential short-term adverse health impacts. Because of D&I Silica's cancellation of the construction of the silica transloading facility, the DEP terminated the baseline monitoring project in the Tunkhannock area.

II. BACKGROUND/PURPOSE

Historically, air quality concerns related to this mineral resource, crystalline silica, have been more of an occupational nature rather than of an ambient nature. As such, any airborne silica, which would be captured as a component of the more generalized particulate matter sampling that DEP conducts, had not been identified for specialized sampling. Research of this topic revealed that the Minnesota Pollution Control Agency had developed an ambient regulation and had been conducting a study near some of the nation's largest fracturing-related silica mining facilities. Data posted on the Minnesota website (<https://www.pca.state.mn.us/air/air-monitoring-minnesota-silica-sand-facilities>) does not indicate that particulate matter levels near silica mining operations have a significant impact on the total suspended particulate levels, the 10 micron particulate levels (PM₁₀), or the 2.5 micron particulate levels (PM_{2.5}).

¹ <http://ntp.niehs.nih.gov/pubhealth/roc/roc13/index.html>

Based on air monitoring procedures at silica sand facilities in Minnesota and, in consultation with Dr. John Richards (President of Air Control Techniques, P.C.), a nationally recognized expert in particulate matter sampling and the “co-developer” of the ambient PM₄ crystalline silica sampling methodology, BAQ staff developed a sampling protocol (*Baseline Crystalline Silica PM₄ Monitoring Protocol*) and the capability of measuring ambient crystalline silica concentrations as particulate matter, 4 microns (PM₄). Specifically, this monitoring project was designed to collect particulate matter as PM_{2.5}, PM₁₀ and PM₄ ambient crystalline samples for at least 90 days. Analysis of the results of the sampling would determine the baseline levels of ambient silica concentrations in the monitoring area.

III. MONITORING PLAN

The DEP baseline silica monitoring plan consisted of five (5) phases:

Phase I: Meteorological Tower Site Placement

Phase II: Air Monitor Site Placement

Phase III: Pre-Operational Monitoring

Phase IV: Post-Operational Monitoring

Phase V: Data Analysis and Reporting

Phase I: Meteorological Tower - Site Selection and Installation

In the first phase of the project, DEP planned to erect a portable 10-meter meteorological tower (“met” tower) in the Tunkhannock area to measure local meteorological conditions during the baseline sampling periods. The specific meteorological measurements would include wind speed and direction, to be measured at a height of 10 meters, using a conventional anemometer and wind vane that met the performance specifications in EPA-454/R-99-05, “Meteorological Monitoring Guidance for Regulatory Modeling Applications.” Temperature, relative humidity and rainfall would also be measured. The met tower uses an electronic data logger that measures the values every 10 seconds and stores hourly averages of wind speed, resultant wind direction, sigma theta (standard deviation of horizontal wind direction), hourly average temperature, percent relative humidity sampled on the hour and hourly total rainfall. Operation of the met tower would be maintained throughout the duration of the project to better inform the Department of localized meteorological conditions.

In November 2014, DEP performed a site visit in the Tunkhannock area to select a site for installing the met tower. An immediate concern regarding placement of the met tower involved the silica transfer site being proposed for location in a deep river valley and the impact that the terrain had on the meteorological conditions within the river valley. Accordingly, options for obtaining met data included (1) use of a regional meteorological tower from the Wilkes-Barre/Scranton International Airport (KABE) and two citizen-based meteorological stations (which report data to the Weather Underground website); or (2) placement of the DEP meteorological tower in the Tunkhannock area in close proximity to the proposed location of the silica transfer facility. It was determined that the base elevation of the DEP meteorological tower would be approximately 181 meters and the anemometer height would be 10 meters. The base elevation of the KABE meteorological tower was approximately 287 meters (over 100 meters higher than the DEP meteorological tower in Tunkhannock would be) and the anemometer height was 10 meters. Generally, it is the topography *above* the anemometer that mostly influences wind direction and wind speed. The terrain influencing the DEP meteorological tower would be of greater magnitude than the terrain influencing KABE. The valley is much wider

with respect to KABE than it is at the proposed DEP meteorological tower location. In addition, the orientation of the valley at KABE is different than the proposed location of the DEP met tower. One would expect a majority of the winds to be coming from the southwest or northeast with respect to terrain and KABE. In comparison, one would expect a majority of the winds to be coming from the south, west, and northeast with respect to the terrain and the proposed location of the DEP meteorological tower. Due to the difference in the terrain that would influence the wind collection at both sites, it was decided that: (a) DEP should not use met data from KABE; and (b) met data from KABE should not be used for comparison purposes with data from the DEP meteorological tower if it was going to be located in close proximity to the silica transloading facility.

The Department installed a conventional anemometer and wind vane that met the performance specifications in “Meteorological Monitoring Guidance for Regulatory Modeling Applications” (EPA-454/R-99-05). This document contains guidelines for siting meteorological equipment with regard to obstructions. For example, the distance to obstructions should be at least two, and preferably four, times the height of the obstruction. DEP adhered to these guidelines during the siting of its meteorological tower in the Tunkhannock area. However, adherence to the guidelines might not be the case for citizen-based monitoring stations. DEP was very concerned with the use of this citizen-based monitoring station data to justify the siting of its three monitoring stations. Some of the factors that DEP investigated with respect to citizen-based monitoring systems included the following:

- 1.) Typically, citizen-based monitoring systems are positioned very close to ground level. Accordingly, obstructions such as trees and buildings can interfere with the wind data collection at such monitoring sites if they do not take into consideration the height of the obstruction with respect to the distance of their meteorological site. In addition, surface friction can slow wind speeds and modify wind direction.
- 2.) The relative location of the stations with respect to the proposed silica transfer facility must be taken into consideration. One citizen-based station was located on top of a ridge and to the southeast of Tunkhannock. The other station was positioned within a river valley, confined by elevated terrain immediately to the north and south. In both cases, the PADEP believed that both locations would not be representative of the meteorological data at or near the proposed location of the silica transfer facility.

DEP believed that these factors would greatly influence the location of the upwind, lateral and downwind locations. Therefore, the Department installed a tower to capture the meteorological conditions that would be most representative at the proposed location of the silica transfer facility.

After taking the aforementioned factors into consideration and conducting an extensive search for a location to site the met tower, DEP determined that the best location for the met tower site would be in the rear lot of the John Deere dealership, “Bartron Supply,” located at 109 State Route 92 South in Tunkhannock. DEP installed and calibrated the tower on January 22, 2015. An image of the met tower site is shown in Figure 2.

Figure 2. Meteorological tower site in Tunkhannock.



Meteorological data was collected from January 23, 2015 through September 30, 2015. Initially, the met data was analyzed to determine the general upwind, downwind and lateral locations for the three monitoring sites. Thereafter, met data was collected throughout the duration of the project until September 30, 2015.

Phase II: Air Quality Monitors – Site Selection and Placement

An analysis of the meteorological data helped to provide general locations for the upwind, downwind and lateral sites for the air monitors. An overview of the area using Google Earth® showed that the best possible monitoring locations included:

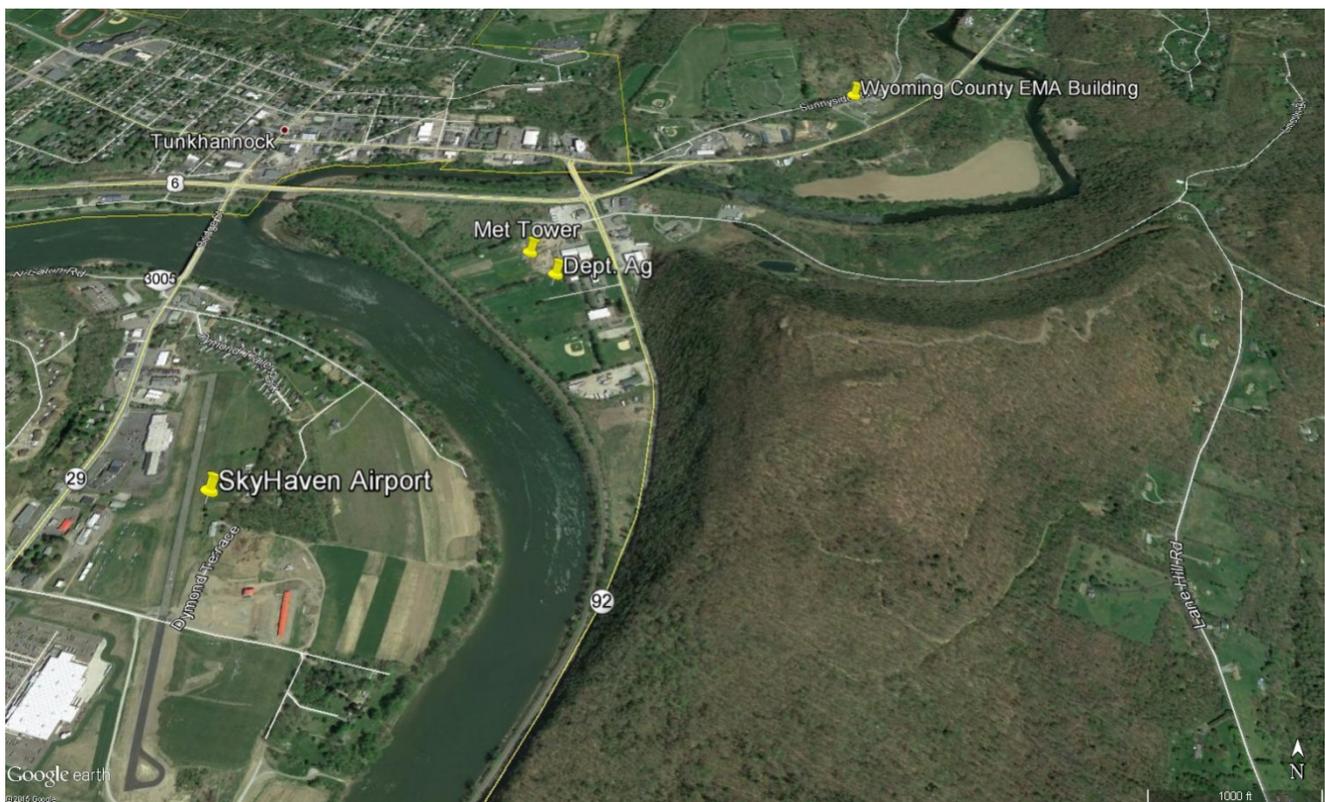
- Bartron Supply (along SR 92),
- PA Dept. of Agriculture office building (along SR 92),
- Wyoming County Emergency Management Agency (along SR 6),
- Ace-Robbins Propane Supply (along SR 6),
- Sports Complex (along Sunnyside Road), and
- Skyhaven Airport (off SR 29).

On May 13, 2015, DEP conducted the monitoring site selection activities. The activities included the following: (a) driving to and walking through each site; (b) ascertaining whether site criteria met the federal criteria in 40 CFR Part 58; and (c) talking with site representatives about using their property for an air monitoring station. Three sites were found and were determined to meet the criteria for ambient (toxic) air monitoring stations. The sites included the PA Department of Agriculture's office building, the Tunkhannock United Methodist Church (UMC) Sports Complex pavilion and the Skyhaven Airport.

Representatives of all three sites expressed interest in hosting monitoring sites. Subsequently, an alternative site had to be obtained for the Tunkhannock UMC site due to liability concerns on the part of the UM Church Trustees. The alternative or third site was located at the Wyoming County Emergency Management Agency (EMA) which expressed interest in participating in the project. DEP staff consulted with the host site representatives to determine if a Memorandum of Understanding (MOU), Letter of Understanding (LOU), or a Letter Agreement would be necessary. The PA Department of Agriculture requested an MOU, which was executed prior to the start of the project. No written agreements were requested by Bartron Supply, Skyhaven Airport or the County EMA.

Once the MOU with the PA Department of Agriculture was executed, the sampling equipment was installed at each of the three monitoring sites. The Skyhaven Airport served as the upwind monitoring location, the PA Department of Agriculture served as the lateral monitoring location and the Wyoming County EMA building served as the downwind monitoring location. The upwind and downwind site designations were based on an analysis of the met data and on expected wind directions. An image of the locations of the three monitoring stations is shown in Figure 3 below.

Figure 3. Image of the three air monitoring sites and the met tower.



Phase III: Pre-operational Sampling

The pre-operational sampling phase of the project included the period of time *before* the D&I Silica facility would have been constructed. During this stage, PM samples, along with met data, were collected on a daily basis over a 30-day period from August 5, 2015 through September 15, 2015.

A. Monitoring Site Equipment

Three sets of particulate matter samplers were deployed at the selected monitoring sites to evaluate silica levels at upwind, downwind and lateral locations. Three Thermo Scientific™ Partisol™ 2025 sequential air samplers were installed at each of the three sites.

At each site, one of the particulate monitors was configured to collect fine particulate matter (PM_{2.5}); the second monitor was configured to collect coarse particulate matter (PM₁₀); and the third monitor was configured to collect airborne concentrations of silica samples (PM₄) utilizing methodology developed in Minnesota.² The sample filter media cassettes consisted of the following:

- (i) 47 mm Teflon™ filters for the PM_{2.5} analysis (as prescribed by 40 CFR Part 50, Appendix L – Reference Method for the Determination of Particulate Matter as PM_{2.5} in the Atmosphere),
- (ii) 47 mm quartz filters for the PM₁₀ analysis (as prescribed by 40 CFR Part 50, Appendix J – Reference Method for the Determination of Particulate Matter as PM₁₀ in the Atmosphere), and
- (iii) 47 mm PVC filters for the airborne silica (PM_{4.0}) analysis (as prescribed by NIOSH Method 7500).

While there are other candidate substrate materials for the various analysis methods undertaken as part of this project, DEP adhered to 40 CFR Part 50 criteria in the selection of filter substrate. One concern that is highlighted in 40 CFR Part 50, Appendix J, Section 6.2 is the observed loss of mass on Teflon™ filters where it states, “Loss of true atmospheric particulate nitrate during or following sampling may also occur due to dissociation or chemical reaction. This phenomenon has been observed on Teflon™ filters and inferred for quartz fiber filters. The magnitude of nitrate artifact errors in PM10 mass concentration measurements will vary with location and ambient temperature; however, for most sampling locations, these errors are expected to be small”.

The flow rate used for PM_{2.5} was 16.7 l/min. while the flow rates used for PM₁₀ and PM_{4.0} were 11.1 l/min. The pore size of all the filter media was 2µm. The sampling rate was 24 hours.

B. Sample Analysis Services

A bidding process was used to secure contract laboratory services capable of performing the sample analyses for all three PM sizes (2.5, 4.0 and 10). The lab services were to include

² The Minnesota Pollution Control Agency is conducting monitoring near silica sand-producing mines. Based on discussions with the agency and with Dr. John Richards, President of Air Control Techniques, P.C., a nationally recognized expert in particulate matter sampling and the “co-developer” of the ambient PM_{4.0} crystalline silica sampling methodology, BAQ determined that the modification of PM_{2.5} samplers was necessary to collect ambient PM_{4.0} crystalline silica samples.

providing sample media and filters (Teflon-PM_{2.5}; PVC-PM_{4.0}; quartz-PM₁₀) and data collection, validation and analysis for all three parameters.

In general, the contract laboratory was required to use QA/QC procedures that are required for analysis by NIOSH 7500, 40 CFR Part 50, Appendix J and 40 CFR Part 50 Appendix L. Prospective contractors were requested to submit official documentation that demonstrated the QA/QC procedures used by their laboratory personnel for DEP review. The contract laboratory had to be accredited by an EPA-recognized accreditation body (ex., American Industrial Hygiene Association, AIHA) and maintain this accreditation for analysis by 40 CFR Part 50, Appendix J, 40 CFR Part 50, Appendix L, and NIOSH 7500 for the duration of the project. For sample analysis, the contractors had to employ QA/QC protocols including the following:

- (1) conducting airborne silica analysis by X-ray diffraction XRD using NIOSH method 7500 to a reporting limit of 1 µg/m³ crystalline silica;
- (2) conducting PM₁₀ analysis as specified in 40 CFR Part 50, Appendix J; and
- (3) conducting PM_{2.5} analysis as specified in 40 CFR Part 50, Appendix L. The specific quality control requirements are contained in the contract specifications document located in Appendix C starting on page C-1.

Upon a review of the bids, DEP executed a Contract for Services with ALS Global, Cincinnati, Ohio, a NELAP-certified laboratory. ALS Global is a private laboratory capable of performing the PM analyses and data reporting services for all three PM sizes (2.5, 4.0 and 10).

Phase IV: Post Operational Sampling

The second sampling period would have occurred *after* the transloading facility was constructed and operational in the Tunkhannock area. However, D&I Silica decided not to construct a transloading facility in or around Tunkhannock. During the post operational stage of the project, samples would have been collected over a 60-day period at a daily sampling rate with the option to continue at a reduced sampling frequency for an extra 30 days if the data indicated the need for additional sampling. For example, if there was a statistically significant difference in silica between sites, the co-location of PM_{2.5} and PM₁₀ samplers could be employed to assess precision. Because D&I Silica terminated the transloading project, DEP ended the monitoring project. Therefore, data collection occurred only during the pre-operational sampling period. The timeline for the monitoring project is listed in Table 1.

Table 1. Timeline of monitoring project.

Timeline	Activity
Dec. 2014	Identify site for pre-operational met sampling; install met tower*
	*Concurrently prep and refurbish equipment for field deployment
Jan.-April 2015	Install meteorological tower and collect met data
May 2015	Identify upwind, downwind and background sites based on meteorology and site availability
May-July 2015	Deploy monitoring equipment
Aug.-Sept. 2015	Conduct monitoring for 30 day pre-operational sampling period
+90 days	Once facility operational, conduct daily monitoring for additional 60 days

Phase V: Data Analysis and Reporting

Project data consisted of the results of the laboratory analysis of each of the samples. Quality assurance measures were used to ascertain adequate calibration and verification. Following the QA/QC process, the data was analyzed to determine detection levels of each of the particulate matter parameters.

IV. MONITORING RESULTS

A. Meteorological Data Discussion

The meteorological tower was installed in January 2015. The first date of operation was January 23, 2015. The meteorological tower gathered boundary-layer meteorological conditions at an anemometer height of 10 meters above ground for approximately 8 months from January 23, 2015 through September 30, 2015. Overall, the meteorological data collected was representative of the area around the proposed location of the transloading facility. Figure 4 below illustrates the wind rose for all wind data collected from January 23 through September 30, 2015.

Figure 4. Wind Rose (January 23 through September 30, 2015).

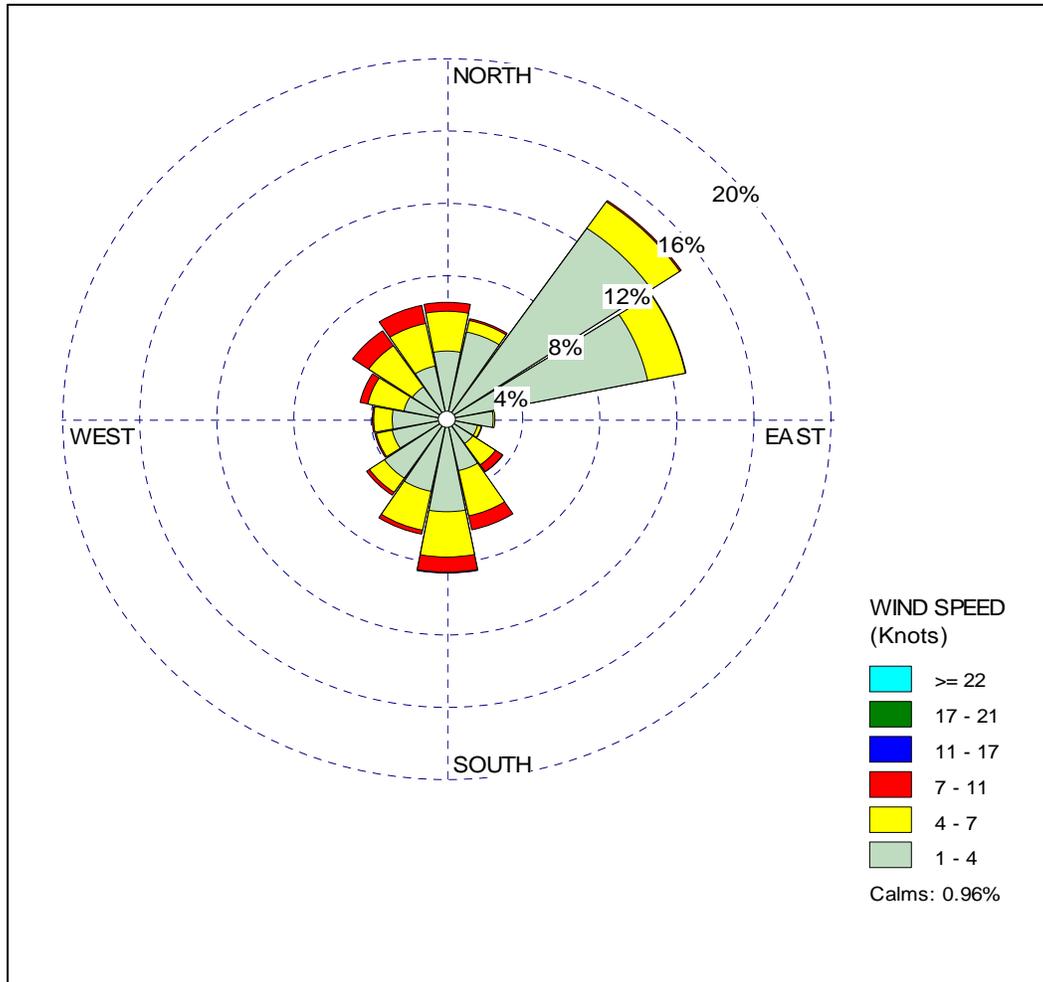
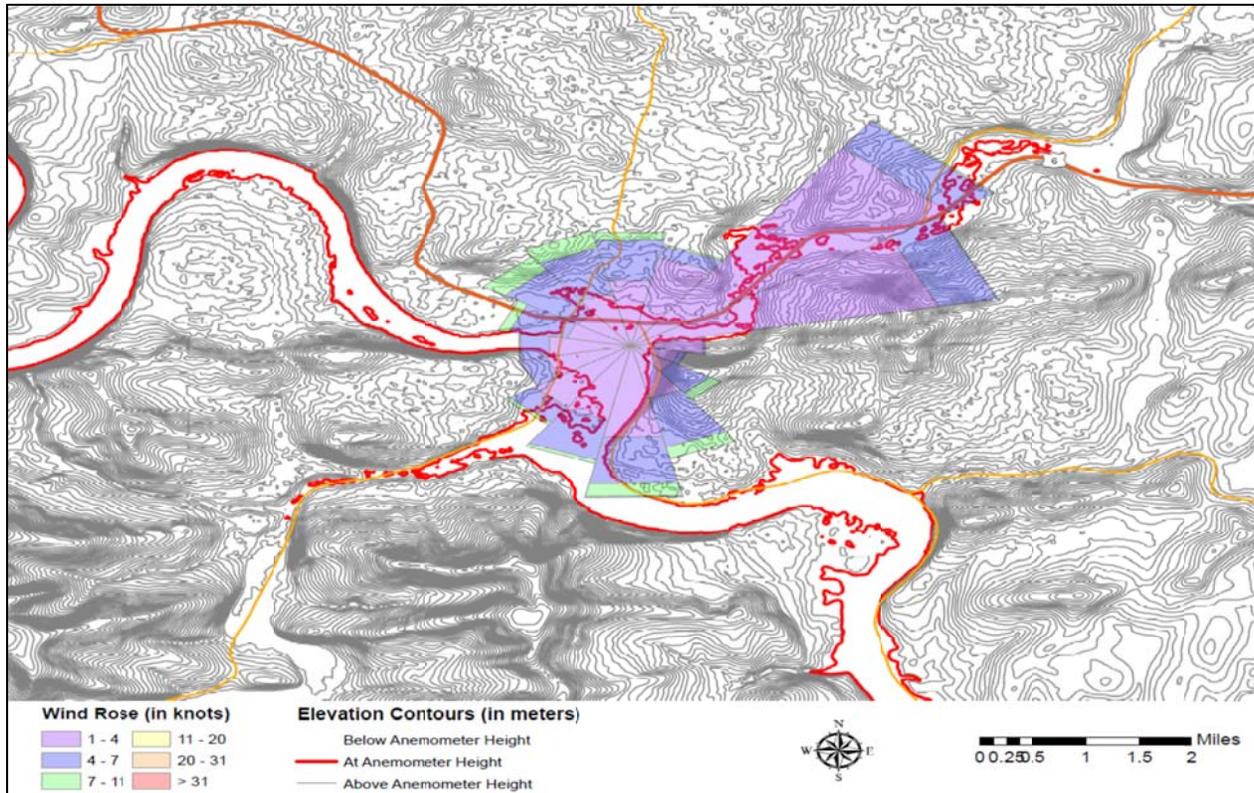


Figure 5 illustrates the wind rose for all wind data collected between January 23 and September 30, 2015 with respect to local terrain features.

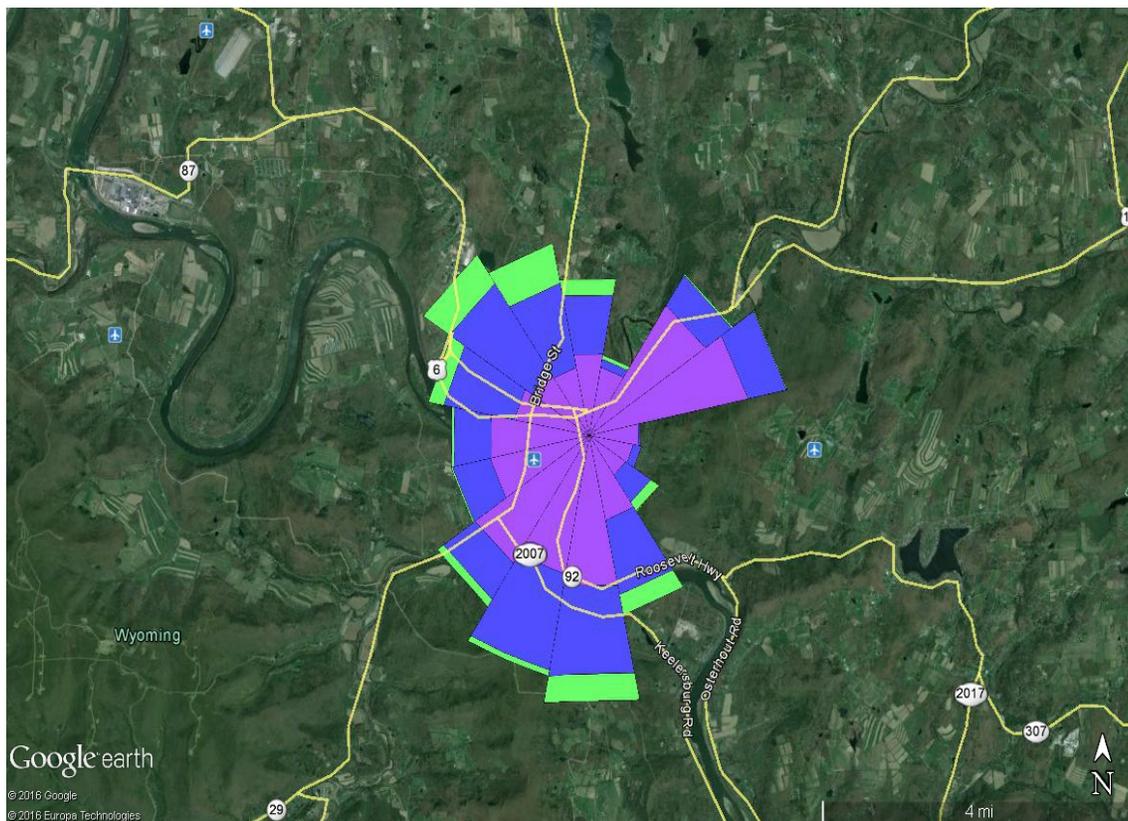
Figure 5. Wind Rose and local terrain features (January 23 through September 30, 2015).



The wind flow follows the terrain of the river valley. Primarily, the strongest wind during the 8+ month period prevailed out of the south and northwest. The most persistent wind pattern, though, was out of the northeast. The narrowness of the river valley with respect to the local terrain contributed to the low velocity of the wind due to the increase in friction with the ground.

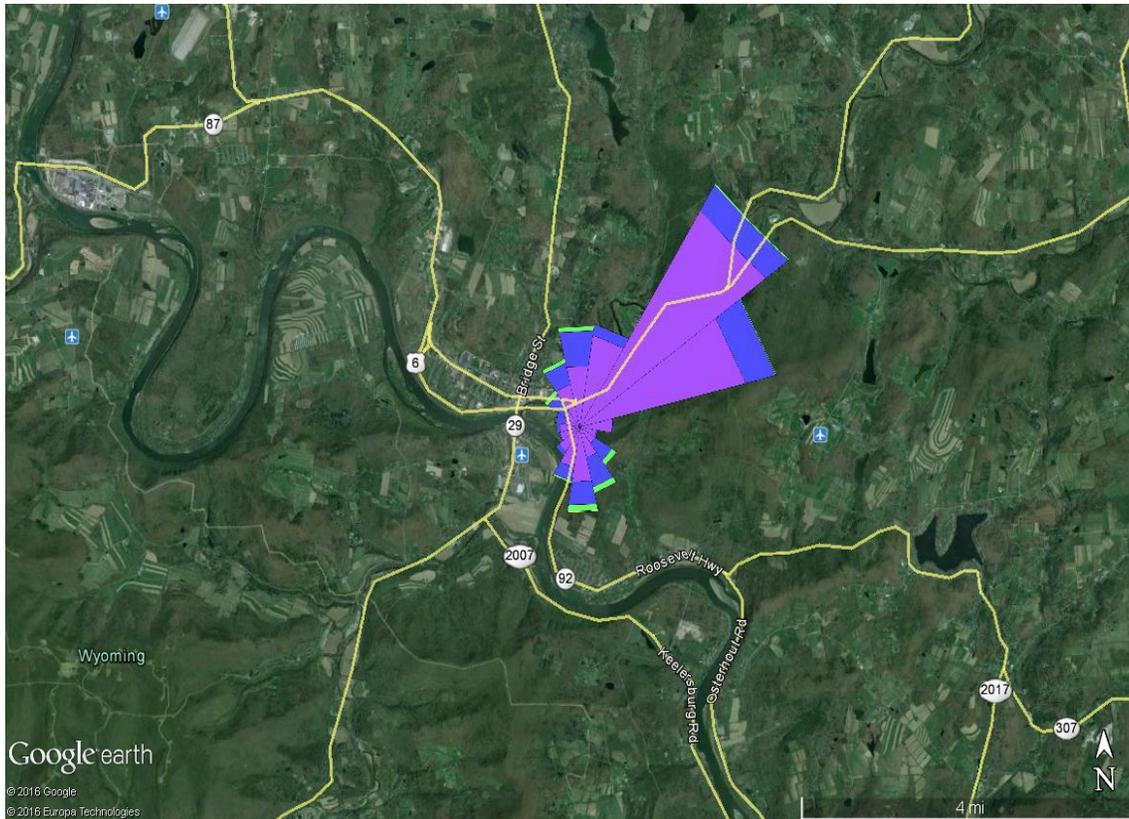
DEP investigated the northeasterly wind component even further. This deviation in wind data could be explained easily by looking at two periods of the day: wind data collected from 6:00 AM to 6:00 PM and wind data collected from 6:00 PM to 6:00 AM. Figure 6 on page 11 illustrates the wind data collected from 6:00 AM to 6:00 PM, generally the sunlight period of the day.

Figure 6. Wind Rose from January 23 to September 30 from 6 AM to 6 PM.



Comparing Figure 6 with the topography illustrated in Figure 5, the wind rose, which illustrates where the wind is blowing from, follows the terrain well. Figure 7 illustrates the wind data collected from 6:00 PM to 6:00 AM, generally the nighttime period of the day.

Figure 7. Wind Rose from January 23 to September 30 from 6 PM to 6 AM.

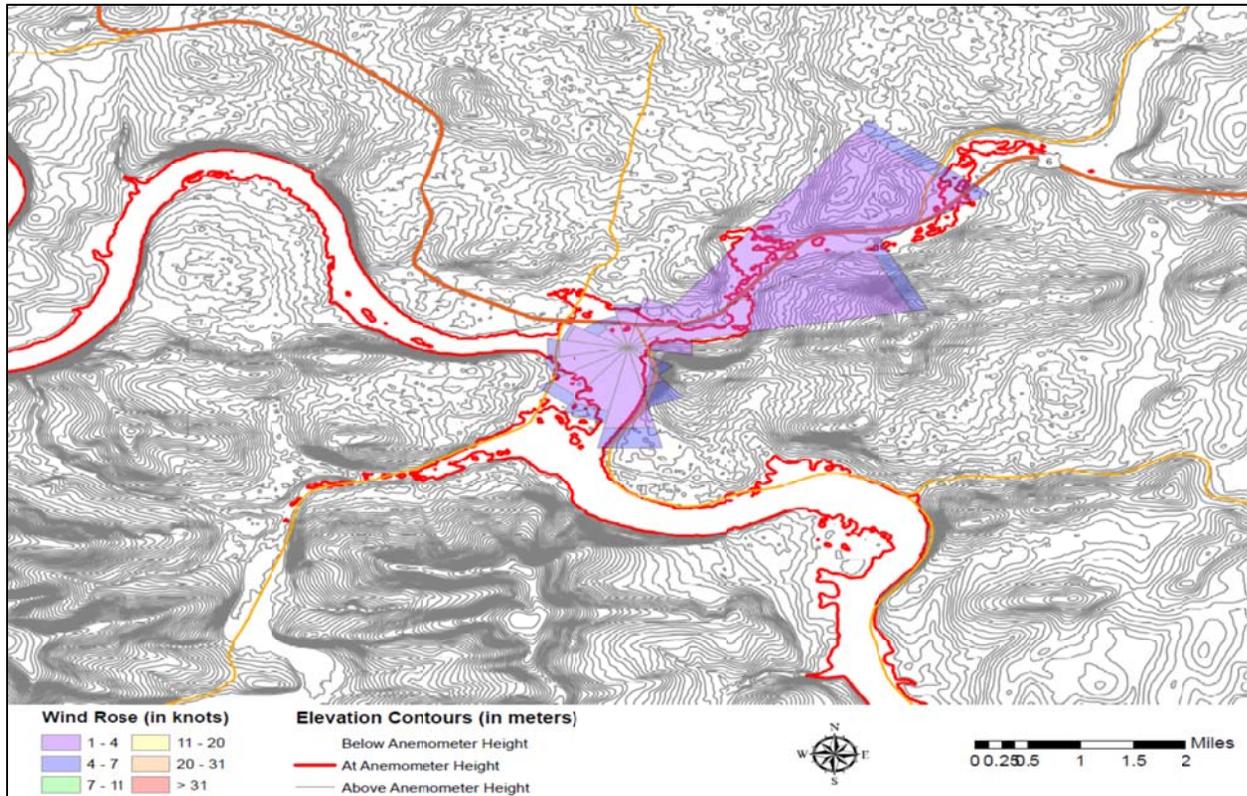


As is illustrated in Figure 6 and Figure 7, the increased frequency of wind from the northeasterly direction is a result of the nighttime winds. DEP attributes this phenomenon to cold air drainage during the overnight hours.

The wind that develops as a result of the cold air drainage is known as the “katabatic wind”. On clear nights, the cold air drains from the higher terrain into the valley. In this project, it is the Tunkhannock Creek valley to the east of Tunkhannock. The katabatic wind then carries that wind toward even lower terrain in the valley. In this project, the meteorological tower is situated at a lower elevation than the river valley to the east. Therefore, the katabatic winds will be measured out of the northeast.

The monitoring field campaign ran from August 5 to September 7, 2015. Figure 8 illustrates the wind rose of all wind data captured in the 34-day air monitoring period.

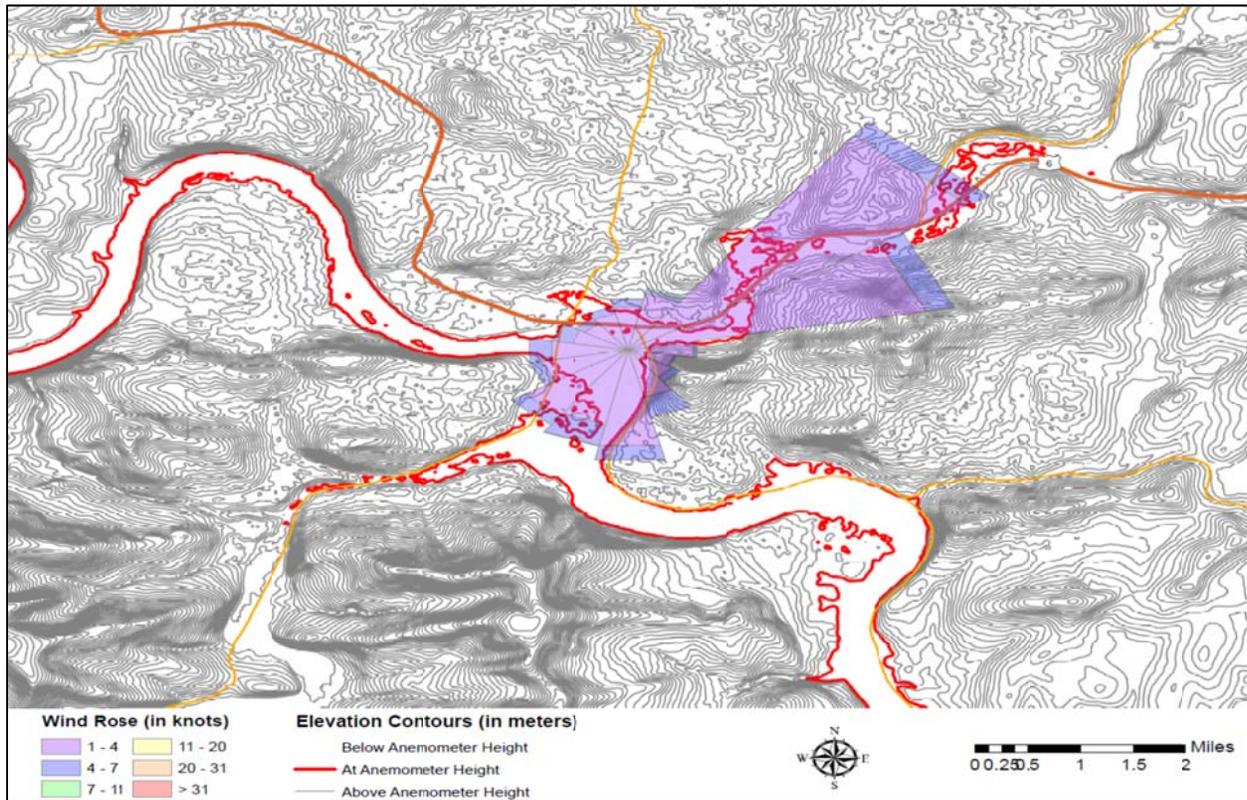
Figure 8. Wind Rose (August 5 through September 7, 2015).



Primarily during the 34-day period, the frequency of northwest winds was lower than during the 8+ month meteorological monitoring campaign. Generally, the wind presided out of the south or the northeast. The intensity of the wind (measured in wind speed) was also lower than during the meteorological monitoring campaign. These conditions are generally indicative of summertime conditions across the Commonwealth. The most stable atmospheric conditions persist during the winter and summer months throughout Pennsylvania. The lighter surface winds are indicative of less mixing within the boundary layer during the summer. Overall, the field wind conditions from August 5 to September 7 were very similar to seasonal conditions.

Figure 9 illustrates the wind rose of all wind data captured during the entire summer (from July to September).

Figure 9. Wind Rose (July 1 through September 30, 2015).



Overall, monitoring for $PM_{2.5}$, PM_4 and PM_{10} during the summer months is ideal to observe the maximum concentrations due to the stable conditions (less mixing within the boundary layer) that existed. As evidenced in Figure 6, these light wind flow conditions existed during the 34-day ambient air monitoring field campaign.

The meteorological data charts are contained in Appendix A starting on page A-1.

B. Particulate Matter Monitoring Data

PM_{2.5} and PM₁₀

PM_{2.5} and PM₁₀ were monitored by DEP at the upwind, lateral and downwind locations from August 5 to September 7, 2015. Overall, daily average concentrations of PM_{2.5} and PM₁₀ tracked very well with one another. Figure 10 illustrates the day-to-day variation in PM_{2.5} between the three sites and Figure 11 illustrates the day-to-day variation in PM₁₀ between the three sites.

Figure 10. PM_{2.5} concentrations at the upwind, lateral and downwind monitoring locations.

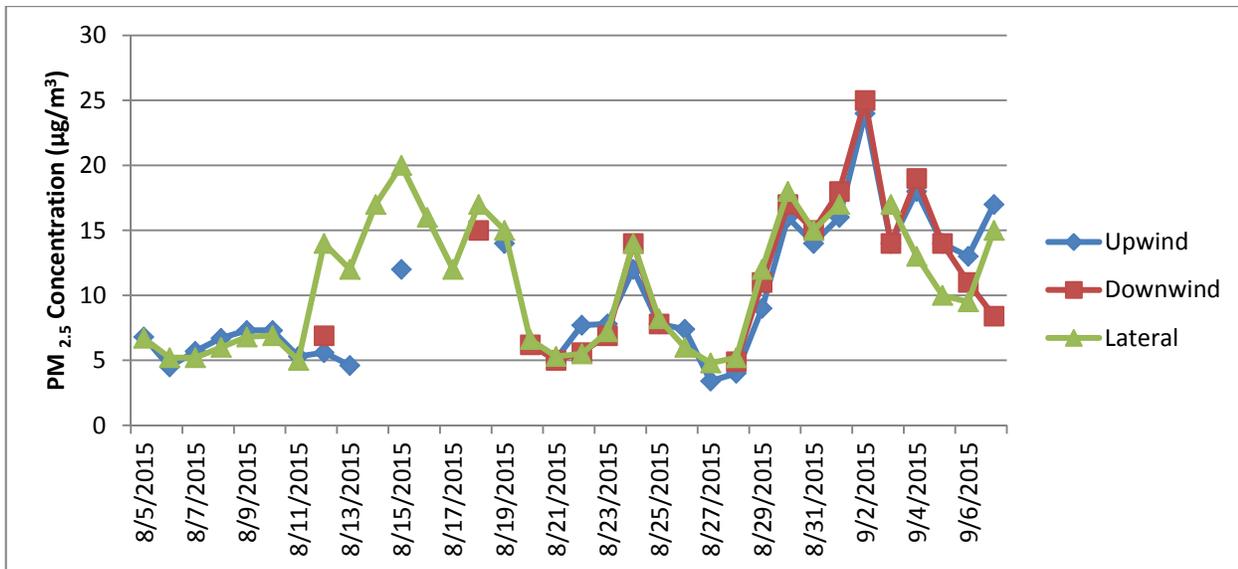
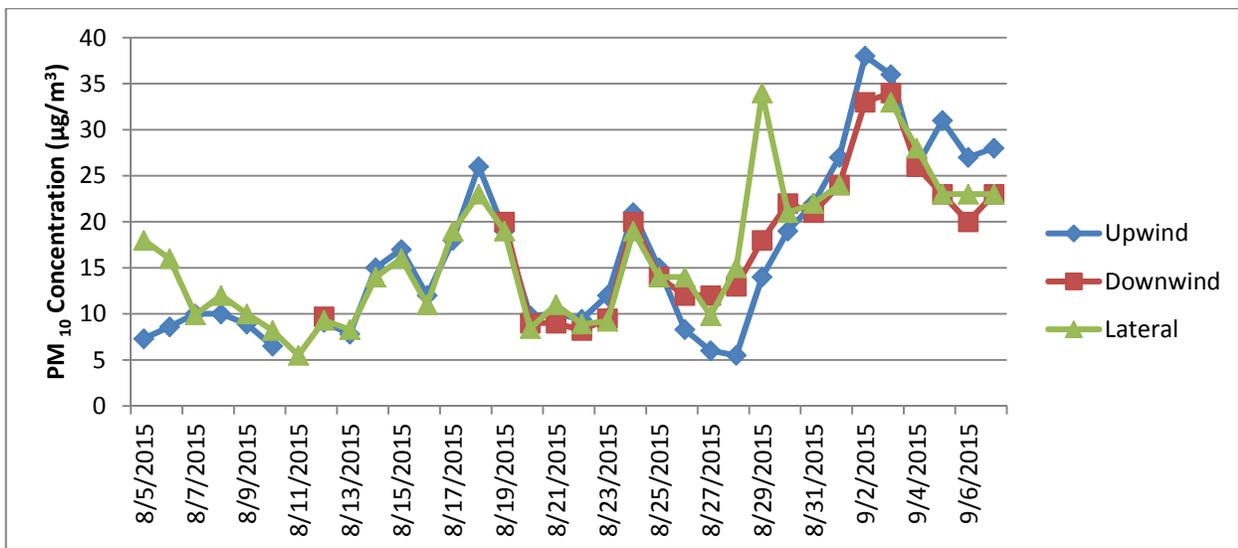
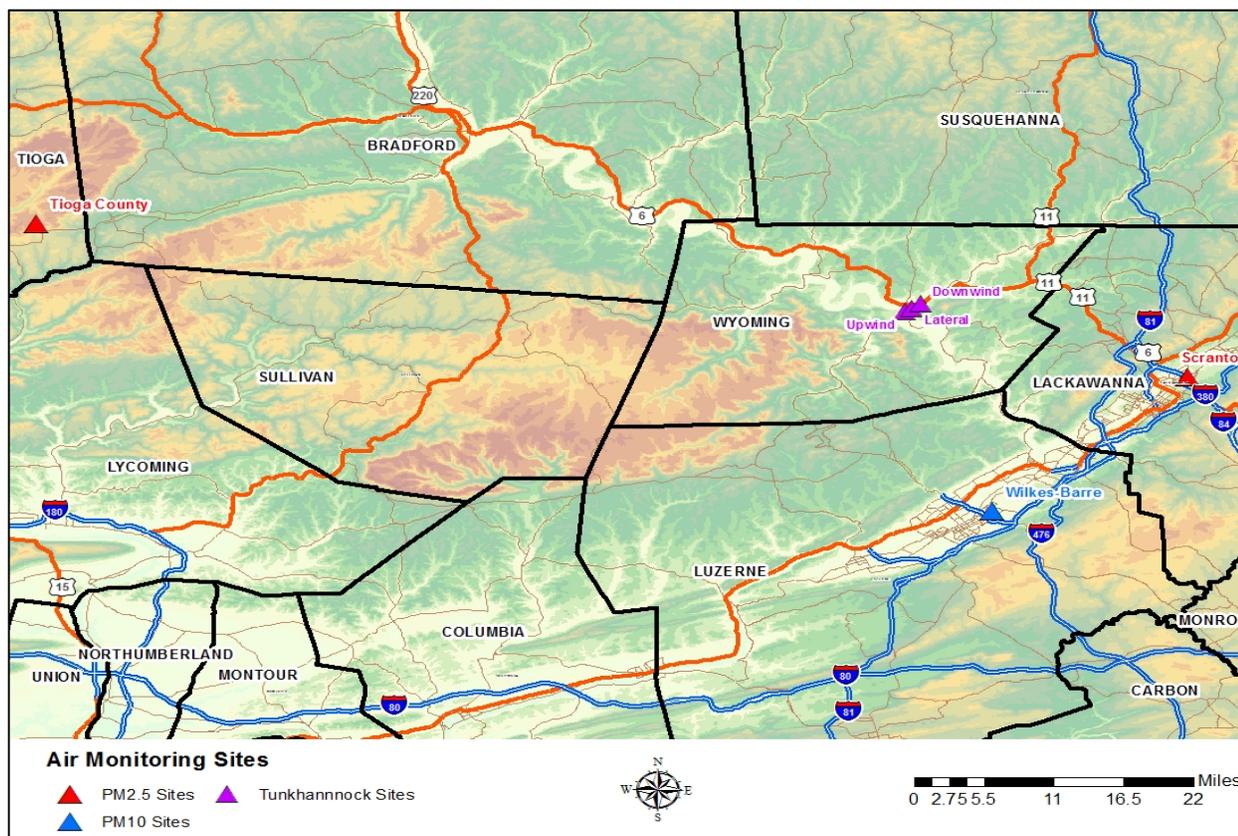


Figure 11. Day-to-day variation in PM₁₀ between the three monitoring locations.



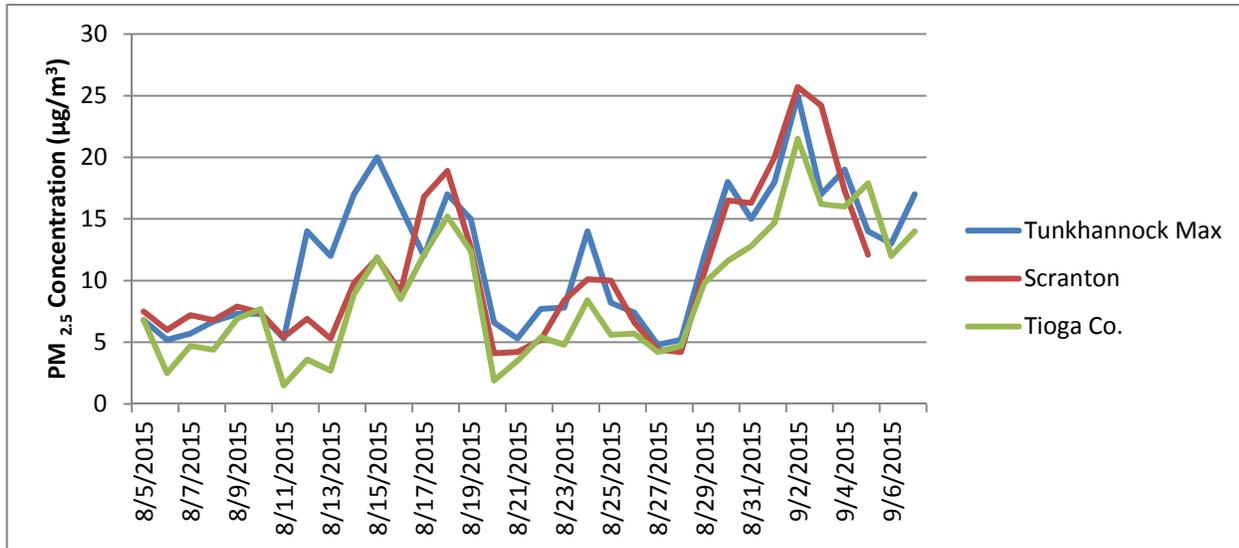
With regard to PM_{2.5}, there were no exceedances of the 24-hour PM_{2.5} standard (24-hour daily average of 35.5 µg/m³). In addition, there were no exceedances of the 24-hour PM₁₀ standard (24-hour daily average of 150 µg/m³). The PM_{2.5} concentrations at all three sites tracked well with regional concentrations of PM_{2.5} as well. Figure 12 illustrates the location of the regional PM monitors in closest proximity to the upwind, lateral, and downwind monitors in the Tunkhannock area.

Figure 12. Topographical map showing the location of regional PM monitors closest to Tunkhannock.



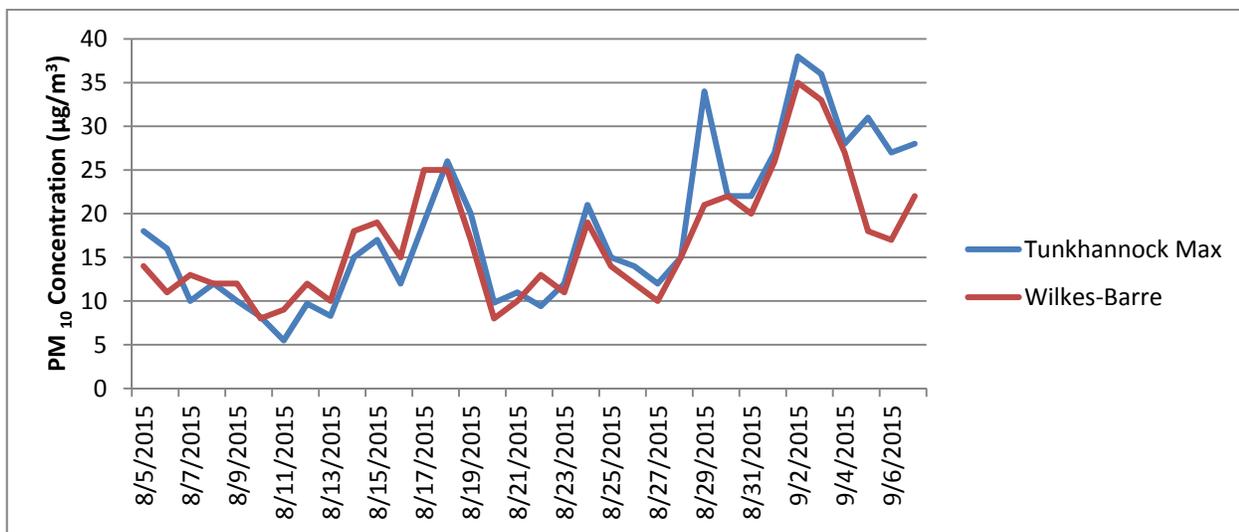
For PM_{2.5}, the daily maximum PM_{2.5} concentrations were calculated from the three Tunkhannock monitors and were compared to two DEP operated regional sites: the Scranton monitor (AIRS ID - 420692006) and the Tioga County monitor (AIRS ID - 421174000). Figure 13 displays the daily comparison of PM_{2.5} concentrations at the three locations.

Figure 13. Daily comparison of PM_{2.5} concentrations at the three monitoring locations.



For PM₁₀, the daily maximum PM₁₀ concentrations were calculated from the three Tunkhannock monitors and were compared to the one DEP operated regional site: the Wilkes-Barre (AIRS ID - 420791101) monitor. Figure 14 displays the daily comparison of PM₁₀ concentrations at the two locations.

Figure 14. PM₁₀ Concentrations at the Tunkhannock Daily Maximum location and a regional site.



There were several occasions when the Tunkhannock daily maximum PM_{2.5} and PM₁₀ concentration surpassed the regional concentration. The most likely cause of this was due to the river valley in which Tunkhannock is situated. Favorable meteorological conditions which reduced mixing near the surface likely caused for PM_{2.5} and PM₁₀ to spike on certain days. However, the overall PM_{2.5} and PM₁₀ concentrations tracked well with regional concentrations.

The Particulate Matter data charts are located in Appendix B starting on page B-1.

C. Quality Assurance

Quality assurance measures were used to ascertain adequate calibration and verification of the PM monitors.

PM_{2.5} and PM₁₀ Data

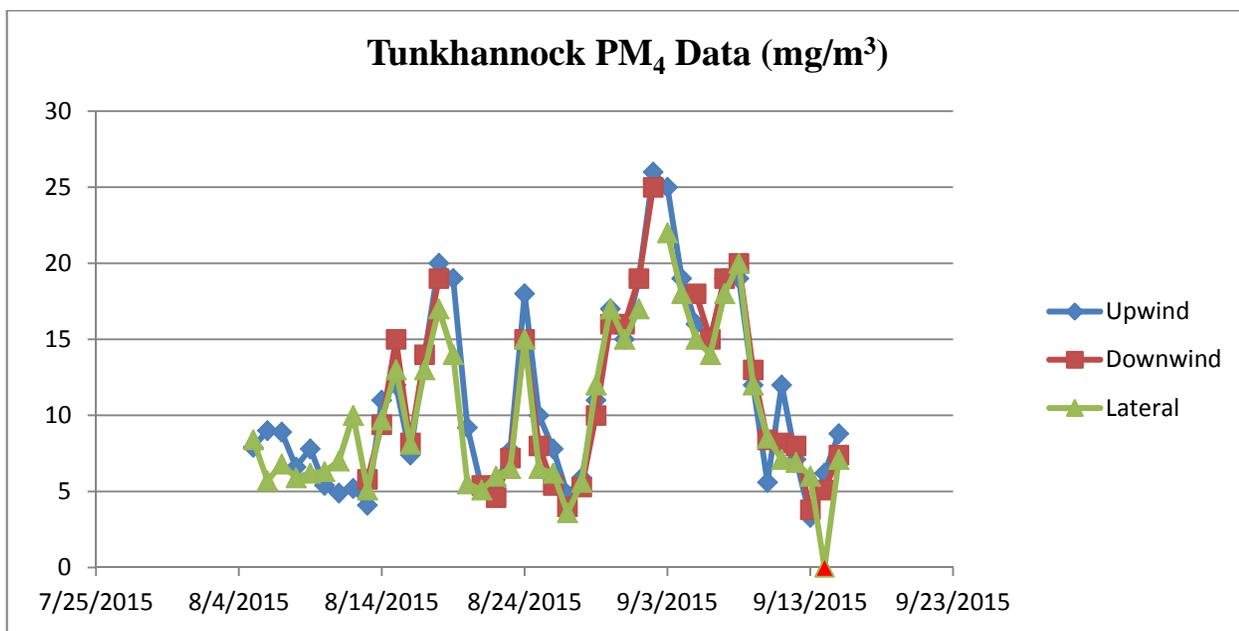
For the raw PM_{2.5} and PM₁₀ data at all three monitoring sites (i.e., upwind, downwind, lateral), equipment calibration and verification were completed and found to meet all QA/QC standards. Accordingly, none of the raw data had to be invalidated due to failures of either the calibration or verification. The resultant data was less than the PM₁₀ value. Also, the data was compared to monitoring data from the Department's BAM station located in Scranton, Pennsylvania and was found to match. Note that for the downwind monitor, data collected on August 26 and 27, 2015 were lost due to monitoring equipment malfunction.

PM_{4.0} Data

For the raw PM_{4.0} data at all three monitoring positions (i.e., upwind, downwind, lateral), equipment calibration and verification were completed and found to meet all QA/QC standards. None of the raw data had to be invalidated due to failures of either the calibration or verification. However, it is important to note that the September 14 sample should be considered suspect because the PM_{4.0} result was less than both the PM₁₀ and PM_{2.5}. Average concentrations for the PM_{4.0} data over the sampling period were 11.267 mg/m³ (upwind), 11.273 mg/m³ (downwind), and 10.044 mg/m³ (lateral). No averages were calculated for the silica data because there were not enough silica detections during the sampling period. The few concentrations detected were barely above the reporting limit.

Figure 15 illustrates the PM₄ concentrations measured during the 30-day sampling period at all three sampling sites: upwind, downwind, and lateral. Excluding the sample taken on September 14 at the lateral site, the graph shows the PM₄ concentration measured relatively close at all three sampling sites throughout the sampling period. The sample taken at the lateral site on September 14 should be considered suspect as the PM₄ concentration measured was a non-detect, below the measured concentrations of both PM₁₀ and PM_{2.5}.

Figure 15. PM_{4.0} concentrations at three monitoring sites.



To determine ambient air crystalline silica concentrations, NIOSH Method 5700 using x-ray crystallography was performed on the collected PM_{4.0} fraction, representing particulate matter 4 microns or less in aerodynamic diameter. It is believed that, due to the physical nature of the respired silica, measured silica concentrations at the PM_{4.0} fraction size or smaller more accurately reflect the

true concentration that would pose the greatest inhalation hazard or risk to exposed humans. Silica concentrations measured at the PM₁₀ fraction might overstate the hazard/risk because larger particles might not be respired deeply enough to cause damage to the human body, while those measured only from the PM_{2.5} fraction might underestimate the same hazard/risk by not including damaging particle sizes greater than 2.5 microns.

Of the PM_{4.0} fraction, crystalline silica was detected at concentrations just above the reporting limit over two 24-hr sampling periods over the course of the background monitoring. However, the detection of trace amounts of silica in the background sampling is not unexpected as small amounts of crystalline silica can be entrained in the air from a variety of natural (e.g., weathering and soils) and man-made sources (e.g., roads, construction, quarrying). The observed crystalline silica concentrations and their frequency are well below published values for both short- and long-term occupational exposure and published health based ambient air crystalline silica guidelines (Minnesota Department of Health's 3 ug/m³ health-based ambient air value and Texas Commission on Environmental Quality's 2 ug/m³ Reference Exposure Value guideline).

V. CONCLUSION

The results of the short term PM sampling project in the Tunkhannock area are comparable to other samplers operating in the region and analysis for silica conducted by the Department indicated non-detects for the vast majority of the samples. For the two PM_{4.0} samples that had results above the detection limits, those results were detected only in trace amounts and at levels insufficient to raise immediate concern about potential short-term adverse health impacts. Because of D&I Silica's cancellation of the construction of the silica transloading facility, the DEP terminated the baseline monitoring project in the Tunkhannock area.

APPENDIX A – METEOROLOGICAL INFORMATION

A. Meteorological Data - January 23 to September 30, 2015

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
1/23/2015 13:00	69	4.4	145.7	39.5	28.9	65.6	0.00
1/23/2015 14:00	70	4.8	144.4	42.5	31.9	57.3	0.00
1/23/2015 15:00	71	6.5	164.6	18.3	34.4	58.6	0.00
1/23/2015 16:00	72	6.0	162.3	17.0	34.1	61.5	0.00
1/23/2015 17:00	73	4.6	189.8	27.6	32.1	66.0	0.00
1/23/2015 18:00	74	2.5	68.6	89.2	30.4	70.8	0.00
1/23/2015 19:00	75	2.5	13.3	60.4	28.1	78.2	0.00
1/23/2015 20:00	76	1.6	17.5	82.6	27.1	78.8	0.00
1/23/2015 21:00	77	2.2	345.6	68.4	27.7	79.3	0.00
1/23/2015 22:00	78	3.0	53.0	38.3	27.6	80.5	0.00
1/23/2015 23:00	79	2.1	297.3	80.9	28.4	77.4	0.00
1/24/2015 0:00	80	6.0	169.8	43.3	32.0	85.8	0.00
1/24/2015 1:00	81	2.5	230.6	88.2	30.3	94.7	0.00
1/24/2015 2:00	82	5.4	133.1	73.9	30.1	91.6	0.00
1/24/2015 3:00	83	3.9	136.6	65.7	30.6	94.7	0.00
1/24/2015 4:00	84	2.6	242.4	87.8	30.3	96.9	0.00
1/24/2015 5:00	85	1.3	316.2	51.7	30.1	97.1	0.00
1/24/2015 6:00	86	1.3	100.4	57.5	30.1	96.7	0.00
1/24/2015 7:00	87	0.9	289.7	94.8	29.7	96.7	0.00
1/24/2015 8:00	88	1.2	91.8	74.6	29.5	97.1	0.00
1/24/2015 9:00	89	1.2	0.6	88.9	30.0	95.8	0.00
1/24/2015 10:00	90	1.8	12.1	95.4	31.1	93.9	0.00
1/24/2015 11:00	91	2.0	249.4	62.6	32.2	92.9	0.00
1/24/2015 12:00	92	2.6	290.0	51.2	33.3	88.0	0.00
1/24/2015 13:00	93	2.1	218.8	68.6	34.1	83.1	0.00
1/24/2015 14:00	94	3.5	274.9	34.9	35.5	79.3	0.00
1/24/2015 15:00	95	4.1	303.3	47.6	35.8	71.6	0.13
1/24/2015 16:00	96	3.7	280.4	46.8	37.5	67.1	0.12

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
1/24/2015 17:00	97	2.4	231.3	57.1	36.2	76.1	0.02
1/24/2015 18:00	98	2.7	44.8	44.5	31.9	76.7	0.00
1/24/2015 19:00	99	6.0	2.6	23.4	33.4	67.0	0.00
1/24/2015 20:00	100	3.5	348.8	38.8	33.1	67.6	0.00
1/24/2015 21:00	101	2.7	333.8	54.4	33.0	68.7	0.00
1/24/2015 22:00	102	3.7	318.9	52.9	32.8	70.3	0.00
1/24/2015 23:00	103	1.6	229.4	66.8	32.4	72.0	0.00
1/25/2015 0:00	104	2.7	224.3	57.8	32.9	68.9	0.00
1/25/2015 1:00	105	4.0	253.7	40.5	33.2	67.7	0.00
1/25/2015 2:00	106	2.2	209.2	44.4	32.9	68.8	0.00
1/25/2015 3:00	107	2.0	150.0	87.4	33.4	68.9	0.00
1/25/2015 4:00	108	3.2	192.0	54.2	33.1	66.1	0.00
1/25/2015 5:00	109	3.5	223.3	37.5	35.0	66.8	0.00
1/25/2015 6:00	110	3.1	253.2	61.0	35.7	71.6	0.00
1/25/2015 7:00	111	3.2	317.0	49.9	35.1	71.4	0.00
1/25/2015 8:00	112	5.9	324.8	45.9	34.8	47.5	0.00
1/25/2015 9:00	113	6.9	308.5	39.9	33.2	48.3	0.00
1/25/2015 10:00	114	6.6	316.9	37.0	34.0	42.5	0.00
1/25/2015 11:00	115	8.9	339.1	35.4	33.5	39.9	0.00
1/25/2015 12:00	116	6.3	330.1	42.9	33.3	34.3	0.00
1/25/2015 13:00	117	6.9	350.5	28.7	33.0	30.3	0.00
1/25/2015 14:00	118	5.1	306.0	44.8	33.0	32.6	0.00
1/25/2015 15:00	119	5.6	346.1	32.9	33.0	32.5	0.00
1/25/2015 16:00	120	5.5	356.1	22.0	31.7	33.6	0.00
1/25/2015 17:00	121	4.7	356.7	22.9	30.2	36.9	0.00
1/25/2015 18:00	122	5.1	10.4	14.3	28.7	46.8	0.00
1/25/2015 19:00	123	5.7	357.3	23.7	26.4	53.0	0.00
1/25/2015 20:00	124	4.4	341.0	22.2	24.0	55.8	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
1/25/2015 21:00	125	4.1	346.2	25.0	22.5	53.3	0.00
1/25/2015 22:00	126	5.2	7.8	18.2	21.2	47.5	0.00
1/25/2015 23:00	127	4.3	3.8	20.3	19.8	52.8	0.00
1/26/2015 0:00	128	5.0	12.2	16.3	19.0	52.8	0.00
1/26/2015 1:00	129	4.6	357.6	18.8	18.2	54.5	0.00
1/26/2015 2:00	130	4.8	4.5	19.6	17.8	55.0	0.00
1/26/2015 3:00	131	4.3	11.3	19.5	17.4	50.5	0.00
1/26/2015 4:00	132	2.9	7.0	27.0	16.2	77.7	0.00
1/26/2015 5:00	133	1.2	2.2	34.9	14.9	82.9	0.00
1/26/2015 6:00	134	1.6	332.6	30.0	14.9	82.1	0.00
1/26/2015 7:00	135	1.3	254.1	41.1	15.0	82.8	0.00
1/26/2015 8:00	136	1.7	233.0	22.9	15.2	82.7	0.00
1/26/2015 9:00	137	1.7	241.4	23.9	15.7	79.8	0.00
1/26/2015 10:00	138	0.9	175.9	70.6	17.6	78.7	0.00
1/26/2015 11:00	139	1.0	207.9	50.6	20.3	75.4	0.00
1/26/2015 12:00	140	2.6	205.7	66.4	22.4	68.4	0.00
1/26/2015 13:00	141	4.2	42.3	49.1	22.8	67.1	0.00
1/26/2015 14:00	142	5.3	47.7	24.6	23.2	68.0	0.00
1/26/2015 15:00	143	5.7	43.6	22.1	23.1	74.4	0.00
1/26/2015 16:00	144	5.3	26.0	14.8	22.6	79.4	0.00
1/26/2015 17:00	145	3.6	20.8	16.8	22.5	86.2	0.00
1/26/2015 18:00	146	1.5	22.1	22.2	22.3	87.0	0.00
1/26/2015 19:00	147	1.2	14.7	44.6	22.3	87.1	0.00
1/26/2015 20:00	148	1.0	298.2	92.6	21.9	88.7	0.00
1/26/2015 21:00	149	1.3	186.5	40.8	21.9	85.7	0.00
1/26/2015 22:00	150	1.9	247.2	70.9	22.3	83.8	0.00
1/26/2015 23:00	151	1.6	229.0	78.5	23.0	81.2	0.00
1/27/2015 0:00	152	2.1	245.5	41.7	23.0	81.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
1/27/2015 1:00	153	2.2	275.2	52.2	22.9	76.5	0.00
1/27/2015 2:00	154	2.9	343.3	47.1	21.8	75.7	0.00
1/27/2015 3:00	155	3.1	336.3	33.6	21.5	73.6	0.00
1/27/2015 4:00	156	4.2	337.4	27.8	20.9	71.1	0.00
1/27/2015 5:00	157	4.9	341.1	21.4	20.0	68.6	0.00
1/27/2015 6:00	158	4.4	352.1	20.6	19.7	76.0	0.00
1/27/2015 7:00	159	4.4	346.6	25.5	19.3	69.7	0.00
1/27/2015 8:00	160	4.5	339.1	25.6	19.3	61.4	0.00
1/27/2015 9:00	161	4.5	328.6	33.0	19.3	61.9	0.00
1/27/2015 10:00	162	4.6	328.3	33.4	20.5	57.1	0.00
1/27/2015 11:00	163	5.8	328.9	37.8	22.2	55.1	0.00
1/27/2015 12:00	164	5.1	326.7	43.8	23.2	50.8	0.00
1/27/2015 13:00	165	6.9	320.0	34.7	23.4	42.9	0.00
1/27/2015 14:00	166	8.3	339.2	32.5	23.1	44.1	0.00
1/27/2015 15:00	167	9.2	347.0	29.0	23.7	45.1	0.00
1/27/2015 16:00	168	10.6	351.7	22.2	21.7	45.9	0.00
1/27/2015 17:00	169	9.4	350.7	29.0	19.0	52.8	0.00
1/27/2015 18:00	170	10.2	349.0	25.3	16.4	58.7	0.00
1/27/2015 19:00	171	7.7	340.1	30.5	14.8	61.6	0.00
1/27/2015 20:00	172	5.8	333.5	37.1	14.7	62.8	0.00
1/27/2015 21:00	173	5.0	336.7	36.9	15.0	61.6	0.00
1/27/2015 22:00	174	6.5	346.9	24.6	14.9	52.9	0.00
1/27/2015 23:00	175	7.4	338.6	28.2	13.9	43.6	0.00
1/28/2015 0:00	176	4.8	2.8	23.5	12.9	44.3	0.00
1/28/2015 1:00	177	4.3	343.8	36.3	13.1	52.8	0.00
1/28/2015 2:00	178	4.6	350.8	29.4	13.2	57.4	0.00
1/28/2015 3:00	179	4.3	347.6	35.4	12.5	57.8	0.00
1/28/2015 4:00	180	4.0	7.6	39.7	11.7	56.8	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
1/28/2015 5:00	181	3.6	8.5	37.5	11.4	55.2	0.00
1/28/2015 6:00	182	4.7	4.1	31.1	11.3	56.0	0.00
1/28/2015 7:00	183	3.7	22.1	39.9	11.3	56.3	0.00
1/28/2015 8:00	184	4.0	5.5	37.5	11.3	57.2	0.00
1/28/2015 9:00	185	4.0	354.2	49.9	11.9	55.3	0.00
1/28/2015 10:00	186	5.1	315.9	37.1	16.2	49.8	0.00
1/28/2015 11:00	187	6.6	307.8	34.2	20.0	47.5	0.00
1/28/2015 12:00	188	7.9	296.5	27.3	22.3	43.5	0.01
1/28/2015 13:00	189	7.3	290.6	28.5	24.9	40.0	0.04
1/28/2015 14:00	190	6.8	293.4	30.1	27.2	36.6	0.01
1/28/2015 15:00	191	7.3	325.4	34.4	29.6	26.8	0.00
1/28/2015 16:00	192	6.9	334.9	31.4	30.1	28.2	0.00
1/28/2015 17:00	193	6.4	344.3	25.2	29.0	32.1	0.00
1/28/2015 18:00	194	6.0	359.5	19.9	26.3	37.3	0.00
1/28/2015 19:00	195	6.0	21.2	15.9	23.7	42.7	0.00
1/28/2015 20:00	196	5.2	18.7	16.3	21.9	49.8	0.00
1/28/2015 21:00	197	4.7	38.7	13.9	18.5	61.0	0.00
1/28/2015 22:00	198	3.4	20.6	22.7	13.0	70.2	0.00
1/28/2015 23:00	199	4.0	24.3	19.6	9.9	75.0	0.00
1/29/2015 0:00	200	5.2	40.2	13.6	8.4	78.1	0.00
1/29/2015 1:00	201	5.6	46.7	17.7	7.5	78.9	0.00
1/29/2015 2:00	202	5.7	60.2	13.6	5.7	79.3	0.00
1/29/2015 3:00	203	3.1	36.4	28.7	3.2	80.0	0.00
1/29/2015 4:00	204	3.5	31.6	21.9	1.6	78.7	0.00
1/29/2015 5:00	205	3.4	56.9	26.9	0.5	77.9	0.00
1/29/2015 6:00	206	3.9	66.6	21.9	0.1	76.9	0.00
1/29/2015 7:00	207	3.3	60.7	27.5	-1.3	76.1	0.00
1/29/2015 8:00	208	4.3	77.4	11.8	-0.9	73.8	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
1/29/2015 9:00	209	4.1	73.2	14.9	1.0	71.8	0.00
1/29/2015 10:00	210	2.3	141.7	38.7	5.8	65.1	0.00
1/29/2015 11:00	211	1.9	161.9	43.6	11.2	63.0	0.00
1/29/2015 12:00	212	2.6	277.1	78.3	16.4	52.2	0.00
1/29/2015 13:00	213	8.4	142.5	27.5	27.8	31.7	0.00
1/29/2015 14:00	214	7.6	151.4	32.7	30.0	27.1	0.00
1/29/2015 15:00	215	9.7	164.3	18.7	31.2	26.6	0.00
1/29/2015 16:00	216	8.9	168.9	21.1	31.4	28.6	0.00
1/29/2015 17:00	217	9.1	164.8	17.5	31.2	29.9	0.00
1/29/2015 18:00	218	9.3	162.8	21.0	30.6	33.9	0.00
1/29/2015 19:00	219	9.7	170.4	27.6	28.9	69.7	0.00
1/29/2015 20:00	220	6.2	161.1	44.5	25.5	79.4	0.00
1/29/2015 21:00	221	8.8	153.7	18.9	25.4	80.4	0.00
1/29/2015 22:00	222	8.7	138.7	24.6	26.1	79.0	0.00
1/29/2015 23:00	223	8.5	145.2	19.8	26.9	80.3	0.00
1/30/2015 0:00	224	7.4	153.2	18.4	27.3	83.7	0.00
1/30/2015 1:00	225	6.2	151.0	23.6	27.8	79.3	0.00
1/30/2015 2:00	226	4.5	156.2	32.8	28.3	76.7	0.00
1/30/2015 3:00	227	4.6	164.7	21.3	29.3	78.2	0.00
1/30/2015 4:00	228	1.7	278.0	56.7	28.3	85.1	0.00
1/30/2015 5:00	229	1.8	62.9	69.3	27.5	89.9	0.00
1/30/2015 6:00	230	2.5	72.3	84.7	27.5	88.9	0.00
1/30/2015 7:00	231	2.2	85.4	83.0	28.4	94.3	0.00
1/30/2015 8:00	232	1.5	33.2	72.4	28.6	93.6	0.00
1/30/2015 9:00	233	3.0	291.2	72.8	29.3	83.6	0.00
1/30/2015 10:00	234	5.8	315.5	40.4	30.4	76.4	0.01
1/30/2015 11:00	235	6.6	305.2	36.5	31.2	72.2	0.00
1/30/2015 12:00	236	7.5	331.4	37.1	31.6	60.5	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
1/30/2015 13:00	237	6.8	336.4	34.0	31.5	61.5	0.00
1/30/2015 14:00	238	9.4	345.6	29.9	30.5	53.6	0.02
1/30/2015 15:00	239	11.5	338.4	31.5	29.1	48.8	0.00
1/30/2015 16:00	240	10.5	337.1	31.7	26.0	51.0	0.00
1/30/2015 17:00	241	9.0	323.3	33.9	22.9	53.8	0.00
1/30/2015 18:00	242	8.2	345.1	28.0	20.0	59.7	0.00
1/30/2015 19:00	243	7.5	348.9	28.4	17.6	67.3	0.00
1/30/2015 20:00	244	7.3	349.1	27.1	16.4	59.7	0.00
1/30/2015 21:00	245	9.0	347.3	26.6	15.4	56.3	0.00
1/30/2015 22:00	246	8.3	319.8	43.1	14.3	55.3	0.00
1/30/2015 23:00	247	7.6	311.2	41.6	13.4	55.3	0.00
1/31/2015 0:00	248	7.7	322.6	40.3	12.8	56.5	0.00
1/31/2015 1:00	249	7.7	322.2	35.0	11.7	53.5	0.00
1/31/2015 2:00	250	6.8	317.9	35.7	11.1	57.0	0.00
1/31/2015 3:00	251	7.4	330.3	37.6	10.5	54.9	0.00
1/31/2015 4:00	252	7.5	321.4	37.5	9.2	56.4	0.00
1/31/2015 5:00	253	6.0	327.7	45.3	8.3	55.5	0.00
1/31/2015 6:00	254	6.2	318.4	40.8	7.8	57.7	0.00
1/31/2015 7:00	255	5.0	326.6	52.1	7.5	59.3	0.00
1/31/2015 8:00	256	5.2	324.8	40.0	7.3	60.2	0.00
1/31/2015 9:00	257	5.8	322.7	37.8	8.0	59.5	0.00
1/31/2015 10:00	258	6.9	316.7	36.2	10.9	51.6	0.00
1/31/2015 11:00	259	7.5	319.5	33.6	13.6	47.3	0.00
1/31/2015 12:00	260	8.0	306.6	31.4	17.3	44.4	0.00
1/31/2015 13:00	261	8.0	304.4	35.1	19.3	41.5	0.00
1/31/2015 14:00	262	6.8	312.3	38.2	21.4	39.3	0.00
1/31/2015 15:00	263	7.5	322.7	33.1	22.7	40.0	0.00
1/31/2015 16:00	264	7.5	331.8	35.2	23.0	42.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
1/31/2015 17:00	265	4.3	339.1	37.1	22.3	46.0	0.00
1/31/2015 18:00	266	4.2	19.1	21.7	20.0	54.9	0.00
1/31/2015 19:00	267	3.0	27.0	28.3	14.8	64.6	0.00
1/31/2015 20:00	268	1.5	22.6	50.7	10.7	72.1	0.00
1/31/2015 21:00	269	2.2	53.3	28.2	7.7	77.7	0.00
1/31/2015 22:00	270	2.4	38.6	15.3	6.0	77.6	0.00
1/31/2015 23:00	271	2.4	70.8	31.6	4.9	79.4	0.00
2/1/2015 0:00	272	3.7	80.4	45.1	4.8	77.0	0.00
2/1/2015 1:00	273	3.2	76.1	21.7	6.9	74.7	0.00
2/1/2015 2:00	274	2.8	74.3	13.6	8.0	74.0	0.00
2/1/2015 3:00	275	1.5	76.1	32.2	9.2	72.8	0.00
2/1/2015 4:00	276	2.2	56.0	15.9	10.1	72.6	0.00
2/1/2015 5:00	277	2.5	60.4	12.2	11.0	71.2	0.00
2/1/2015 6:00	278	1.9	74.5	31.1	12.0	70.6	0.00
2/1/2015 7:00	279	1.7	109.6	32.4	12.7	70.3	0.00
2/1/2015 8:00	280	2.0	104.2	44.0	13.6	69.5	0.00
2/1/2015 9:00	281	1.2	178.2	23.5	15.5	63.2	0.00
2/1/2015 10:00	282	0.9	115.5	101.0	18.4	59.7	0.00
2/1/2015 11:00	283	1.4	92.0	84.1	23.0	54.6	0.00
2/1/2015 12:00	284	1.5	195.2	55.3	27.5	54.2	0.00
2/1/2015 13:00	285	1.2	185.4	71.2	32.1	57.0	0.00
2/1/2015 14:00	286	2.3	169.4	35.0	32.8	57.7	0.00
2/1/2015 15:00	287	2.9	177.7	25.8	32.0	72.9	0.00
2/1/2015 16:00	288	2.6	141.3	55.3	30.6	77.6	0.00
2/1/2015 17:00	289	2.3	103.2	71.3	30.1	75.6	0.00
2/1/2015 18:00	290	2.0	209.9	36.5	29.3	88.1	0.00
2/1/2015 19:00	291	1.7	62.9	79.9	28.3	92.7	0.00
2/1/2015 20:00	292	1.0	195.6	78.3	27.7	93.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/1/2015 21:00	293	1.6	241.7	43.3	27.6	92.3	0.00
2/1/2015 22:00	294	2.2	251.3	23.6	27.6	94.2	0.00
2/1/2015 23:00	295	2.2	278.8	33.7	28.2	91.3	0.00
2/2/2015 0:00	296	1.6	279.3	66.4	28.6	93.7	0.00
2/2/2015 1:00	297	2.7	282.7	42.7	28.8	95.3	0.00
2/2/2015 2:00	298	3.4	232.0	33.4	28.8	96.2	0.00
2/2/2015 3:00	299	3.0	273.8	47.1	28.9	95.8	0.00
2/2/2015 4:00	300	3.5	238.2	42.3	29.4	95.7	0.00
2/2/2015 5:00	301	4.0	261.7	28.1	30.2	96.7	0.00
2/2/2015 6:00	302	3.4	278.4	47.1	30.9	96.5	0.00
2/2/2015 7:00	303	2.7	300.3	48.1	31.4	96.7	0.00
2/2/2015 8:00	304	2.8	323.4	66.4	31.5	94.5	0.00
2/2/2015 9:00	305	1.8	280.3	59.5	31.3	94.8	0.00
2/2/2015 10:00	306	3.5	109.7	80.7	31.1	91.0	0.00
2/2/2015 11:00	307	3.7	268.1	98.5	31.2	85.8	0.01
2/2/2015 12:00	308	3.9	94.2	69.1	31.2	82.5	0.00
2/2/2015 13:00	309	4.7	67.3	53.8	31.6	85.2	0.00
2/2/2015 14:00	310	9.5	322.7	54.5	27.2	76.4	0.00
2/2/2015 15:00	311	10.3	315.6	36.7	19.9	61.9	0.00
2/2/2015 16:00	312	9.2	332.6	36.7	19.2	57.4	0.00
2/2/2015 17:00	313	10.6	340.0	28.6	15.2	57.5	0.00
2/2/2015 18:00	314	9.1	341.1	27.5	13.3	60.9	0.00
2/2/2015 19:00	315	7.0	331.2	34.9	12.4	61.1	0.00
2/2/2015 20:00	316	6.5	332.5	37.4	12.2	61.3	0.00
2/2/2015 21:00	317	6.6	327.4	40.3	12.5	62.7	0.00
2/2/2015 22:00	318	6.6	322.3	34.5	13.1	64.3	0.00
2/2/2015 23:00	319	6.0	330.9	35.2	13.6	63.8	0.00
2/3/2015 0:00	320	5.6	319.8	39.1	14.3	64.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/3/2015 1:00	321	5.6	327.0	35.9	14.4	63.2	0.00
2/3/2015 2:00	322	5.2	314.8	39.3	14.4	58.7	0.00
2/3/2015 3:00	323	5.3	320.4	37.6	13.0	60.2	0.00
2/3/2015 4:00	324	2.2	336.7	77.4	11.0	69.3	0.00
2/3/2015 5:00	325	1.2	117.7	71.6	6.8	79.1	0.00
2/3/2015 6:00	326	2.5	21.5	38.5	2.6	77.8	0.00
2/3/2015 7:00	327	1.8	39.3	67.7	-0.3	78.2	0.00
2/3/2015 8:00	328	1.5	55.0	69.2	-2.1	79.6	0.00
2/3/2015 9:00	329	1.2	92.3	45.8	-2.0	81.3	0.00
2/3/2015 10:00	330	1.4	123.1	60.9	6.9	62.1	0.00
2/3/2015 11:00	331	4.3	280.1	81.2	16.7	47.7	0.00
2/3/2015 12:00	332	3.9	302.6	50.0	19.7	43.5	0.00
2/3/2015 13:00	333	3.2	321.1	52.8	22.6	38.3	0.00
2/3/2015 14:00	334	2.3	55.3	84.7	24.7	35.1	0.00
2/3/2015 15:00	335	2.1	194.8	72.0	27.2	31.8	0.00
2/3/2015 16:00	336	4.7	215.0	38.5	27.3	35.8	0.00
2/3/2015 17:00	337	5.9	222.0	25.6	26.7	38.6	0.00
2/3/2015 18:00	338	3.3	200.9	21.4	23.0	48.8	0.00
2/3/2015 19:00	339	1.3	219.3	50.0	17.6	62.8	0.00
2/3/2015 20:00	340	1.6	63.3	69.9	12.4	75.1	0.00
2/3/2015 21:00	341	2.4	77.3	50.1	9.9	77.2	0.00
2/3/2015 22:00	342	2.8	68.6	57.2	7.8	80.2	0.00
2/3/2015 23:00	343	4.7	66.8	37.1	8.3	77.4	0.00
2/4/2015 0:00	344	4.7	80.3	26.9	9.9	76.0	0.00
2/4/2015 1:00	345	4.6	69.4	10.9	10.1	75.2	0.00
2/4/2015 2:00	346	3.8	65.4	14.0	11.0	74.3	0.00
2/4/2015 3:00	347	4.1	68.4	16.6	11.6	75.3	0.00
2/4/2015 4:00	348	3.0	83.7	36.4	12.6	77.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/4/2015 5:00	349	2.7	58.9	47.2	13.3	84.0	0.00
2/4/2015 6:00	350	5.3	135.2	58.3	18.9	76.9	0.00
2/4/2015 7:00	351	5.1	157.9	31.3	21.9	76.1	0.00
2/4/2015 8:00	352	6.4	160.8	37.4	23.5	75.8	0.00
2/4/2015 9:00	353	9.6	136.5	13.7	23.7	75.4	0.00
2/4/2015 10:00	354	6.8	158.0	19.6	25.4	71.6	0.00
2/4/2015 11:00	355	8.7	159.1	17.2	28.1	61.6	0.00
2/4/2015 12:00	356	7.3	165.1	20.5	30.2	56.1	0.00
2/4/2015 13:00	357	7.3	175.1	19.4	32.0	49.6	0.00
2/4/2015 14:00	358	6.8	160.6	19.3	34.4	47.6	0.00
2/4/2015 15:00	359	6.0	159.7	23.5	36.4	43.3	0.00
2/4/2015 16:00	360	7.6	172.3	22.7	39.0	43.9	0.00
2/4/2015 17:00	361	7.2	173.7	26.4	39.2	45.7	0.00
2/4/2015 18:00	362	6.6	161.9	22.6	38.3	46.4	0.00
2/4/2015 19:00	363	7.2	158.7	19.1	37.7	48.4	0.00
2/4/2015 20:00	364	6.5	155.1	21.7	37.3	54.3	0.00
2/4/2015 21:00	365	2.3	354.7	78.0	34.7	67.4	0.00
2/4/2015 22:00	366	1.5	81.7	58.8	32.7	76.2	0.00
2/4/2015 23:00	367	1.7	44.3	50.5	31.8	77.4	0.00
2/5/2015 0:00	368	1.8	79.2	64.1	31.5	78.5	0.00
2/5/2015 1:00	369	3.3	60.2	15.9	31.3	85.1	0.00
2/5/2015 2:00	370	4.6	6.5	43.6	30.1	82.5	0.00
2/5/2015 3:00	371	5.7	350.7	32.6	28.0	74.1	0.00
2/5/2015 4:00	372	3.9	340.6	45.2	27.2	73.9	0.00
2/5/2015 5:00	373	7.7	338.1	29.6	25.6	67.5	0.00
2/5/2015 6:00	374	6.7	349.8	30.4	24.0	68.7	0.00
2/5/2015 7:00	375	7.2	353.1	22.9	22.2	77.2	0.00
2/5/2015 8:00	376	5.9	338.9	29.1	21.1	58.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/5/2015 9:00	377	8.4	347.1	26.7	19.9	56.0	0.00
2/5/2015 10:00	378	9.7	342.3	30.2	20.4	49.1	0.00
2/5/2015 11:00	379	10.0	336.7	29.3	20.7	39.4	0.00
2/5/2015 12:00	380	10.7	333.8	32.6	20.9	35.1	0.00
2/5/2015 13:00	381	9.8	330.3	33.8	20.9	34.5	0.00
2/5/2015 14:00	382	10.3	331.2	32.8	21.4	37.1	0.00
2/5/2015 15:00	383	10.5	315.9	31.5	20.2	30.2	0.00
2/5/2015 16:00	384	9.6	332.3	30.8	19.1	35.7	0.00
2/5/2015 17:00	385	8.7	347.0	26.1	17.2	47.1	0.00
2/5/2015 18:00	386	7.5	350.9	23.0	13.8	48.2	0.00
2/5/2015 19:00	387	6.5	2.7	18.1	12.0	51.1	0.00
2/5/2015 20:00	388	4.7	9.5	17.5	10.2	57.0	0.00
2/5/2015 21:00	389	5.0	26.7	14.6	8.5	62.4	0.00
2/5/2015 22:00	390	4.0	32.2	19.2	5.7	64.4	0.00
2/5/2015 23:00	391	2.3	11.4	33.0	0.7	73.6	0.00
2/6/2015 0:00	392	1.9	13.7	31.6	-2.3	73.7	0.00
2/6/2015 1:00	393	4.6	28.4	17.8	-3.4	74.4	0.00
2/6/2015 2:00	394	5.6	31.5	12.9	-4.5	74.7	0.00
2/6/2015 3:00	395	5.2	62.4	28.8	-4.6	72.5	0.00
2/6/2015 4:00	396	3.6	75.8	21.9	-5.8	71.7	0.00
2/6/2015 5:00	397	6.0	61.5	10.4	-6.8	72.0	0.00
2/6/2015 6:00	398	4.4	67.7	19.3	-8.3	71.9	0.00
2/6/2015 7:00	399	5.3	72.9	15.5	-8.6	69.6	0.00
2/6/2015 8:00	400	5.2	66.4	13.8	-8.4	69.4	0.00
2/6/2015 9:00	401	4.3	64.9	30.0	-5.5	65.9	0.00
2/6/2015 10:00	402	2.7	80.8	55.5	-0.3	62.7	0.00
2/6/2015 11:00	403	4.3	55.2	15.6	6.0	60.6	0.00
2/6/2015 12:00	404	1.7	201.0	59.5	14.2	43.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/6/2015 13:00	405	4.0	228.8	71.6	20.4	39.8	0.00
2/6/2015 14:00	406	5.9	266.2	30.2	22.7	39.0	0.00
2/6/2015 15:00	407	5.1	255.9	29.4	24.8	37.7	0.00
2/6/2015 16:00	408	3.3	289.3	52.8	26.5	36.7	0.00
2/6/2015 17:00	409	3.7	261.6	38.7	25.6	41.5	0.00
2/6/2015 18:00	410	3.0	203.9	28.1	21.6	46.8	0.00
2/6/2015 19:00	411	1.9	204.2	74.7	15.8	64.3	0.00
2/6/2015 20:00	412	2.2	33.8	31.6	12.0	69.3	0.00
2/6/2015 21:00	413	2.6	43.7	24.2	9.1	75.2	0.00
2/6/2015 22:00	414	3.2	65.0	31.0	7.1	74.5	0.00
2/6/2015 23:00	415	2.5	72.1	53.3	4.9	82.6	0.00
2/7/2015 0:00	416	3.7	73.3	33.3	4.5	79.3	0.00
2/7/2015 1:00	417	5.3	75.5	16.2	6.2	75.6	0.00
2/7/2015 2:00	418	6.1	67.0	10.7	6.8	73.9	0.00
2/7/2015 3:00	419	6.2	66.5	10.0	8.4	72.0	0.00
2/7/2015 4:00	420	4.5	65.8	11.3	9.4	71.7	0.00
2/7/2015 5:00	421	4.3	63.4	11.0	10.2	71.4	0.00
2/7/2015 6:00	422	4.3	67.7	12.8	11.1	69.7	0.00
2/7/2015 7:00	423	2.8	70.1	29.0	11.9	70.8	0.00
2/7/2015 8:00	424	2.3	64.5	18.0	12.9	70.0	0.00
2/7/2015 9:00	425	2.9	65.5	18.1	14.5	67.0	0.00
2/7/2015 10:00	426	3.2	61.1	29.6	17.2	64.7	0.00
2/7/2015 11:00	427	2.3	111.4	57.2	21.2	58.2	0.00
2/7/2015 12:00	428	3.9	174.1	78.1	28.9	43.8	0.00
2/7/2015 13:00	429	5.5	160.9	19.3	32.8	40.5	0.00
2/7/2015 14:00	430	5.7	163.5	21.7	35.3	30.0	0.00
2/7/2015 15:00	431	5.3	164.3	22.7	38.2	33.3	0.02
2/7/2015 16:00	432	6.3	154.1	17.8	38.4	34.0	0.04

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/7/2015 17:00	433	5.1	172.4	19.2	38.7	36.8	0.02
2/7/2015 18:00	434	2.6	191.7	55.7	37.9	37.1	0.01
2/7/2015 19:00	435	2.5	219.5	93.7	37.2	40.2	0.01
2/7/2015 20:00	436	4.9	167.6	46.8	38.0	36.1	0.01
2/7/2015 21:00	437	4.0	169.6	57.5	38.1	43.9	0.00
2/7/2015 22:00	438	3.3	180.3	92.3	37.3	43.8	0.01
2/7/2015 23:00	439	2.5	17.2	64.8	36.7	44.8	0.00
2/8/2015 0:00	440	3.3	101.8	87.3	36.8	41.0	0.00
2/8/2015 1:00	441	5.9	152.3	59.4	38.5	38.8	0.01
2/8/2015 2:00	442	5.0	145.2	60.2	38.3	43.1	0.02
2/8/2015 3:00	443	3.7	301.0	97.1	37.5	48.0	0.01
2/8/2015 4:00	444	2.8	292.6	61.5	36.7	51.6	0.00
2/8/2015 5:00	445	2.0	291.1	65.7	35.1	52.8	0.00
2/8/2015 6:00	446	2.0	357.1	75.8	34.2	61.8	0.00
2/8/2015 7:00	447	2.7	4.7	34.7	33.5	66.6	0.00
2/8/2015 8:00	448	2.0	350.5	59.6	33.0	67.2	0.00
2/8/2015 9:00	449	3.1	336.5	78.5	36.2	41.3	0.00
2/8/2015 10:00	450	5.9	141.8	68.3	41.7	39.3	0.00
2/8/2015 11:00	451	9.2	142.3	15.2	42.6	38.7	0.00
2/8/2015 12:00	452	7.4	140.9	21.1	43.4	37.7	0.00
2/8/2015 13:00	453	9.2	138.9	15.5	43.5	39.6	0.00
2/8/2015 14:00	454	6.4	143.9	49.5	43.5	42.8	0.00
2/8/2015 15:00	455	7.3	130.8	23.6	42.5	42.5	0.00
2/8/2015 16:00	456	5.1	112.6	42.0	42.7	43.0	0.00
2/8/2015 17:00	457	6.9	122.5	24.7	42.7	46.9	0.00
2/8/2015 18:00	458	7.1	163.9	21.0	42.2	53.2	0.00
2/8/2015 19:00	459	3.8	147.4	36.3	41.3	63.1	0.00
2/8/2015 20:00	460	2.8	10.1	82.1	38.3	83.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/8/2015 21:00	461	2.6	105.3	44.7	37.5	89.4	0.00
2/8/2015 22:00	462	2.9	51.3	27.5	35.3	95.3	0.01
2/8/2015 23:00	463	3.7	105.8	53.0	35.6	96.4	0.02
2/9/2015 0:00	464	2.6	57.2	31.9	34.8	97.7	0.03
2/9/2015 1:00	465	2.6	54.6	64.7	34.7	97.9	0.04
2/9/2015 2:00	466	2.7	50.2	29.8	34.5	98.2	0.04
2/9/2015 3:00	467	3.6	62.9	14.2	34.7	98.0	0.01
2/9/2015 4:00	468	3.9	59.9	13.3	34.6	97.7	0.01
2/9/2015 5:00	469	2.1	50.9	53.0	34.1	97.5	0.03
2/9/2015 6:00	470	3.3	38.8	26.2	34.2	89.5	0.03
2/9/2015 7:00	471	4.7	45.6	16.6	34.0	90.0	0.05999999
2/9/2015 8:00	472	4.1	49.5	16.9	33.0	85.7	0.00
2/9/2015 9:00	473	0.3	52.6	15.0	32.5	84.5	0.00
2/9/2015 10:00	474	0.3	61.5	20.6	31.8	84.4	0.00
2/9/2015 11:00	475	0.3	51.4	21.0	30.7	80.8	0.00
2/9/2015 12:00	476	0.3	47.6	15.8	29.7	77.8	0.00
2/9/2015 13:00	477	0.3	55.7	20.5	29.0	75.2	0.00
2/9/2015 14:00	478	0.3	53.6	14.8	28.1	76.8	0.00
2/9/2015 15:00	479	0.3	39.3	23.9	27.8	84.0	0.00
2/9/2015 16:00	480	0.3	54.2	24.1	27.2	82.4	0.00
2/9/2015 17:00	481	0.3	58.8	26.2	26.9	89.9	0.00
2/9/2015 18:00	482	0.3	32.8	14.9	26.1	90.4	0.00
2/9/2015 19:00	483	0.3	32.1	11.1	25.7	89.7	0.00
2/9/2015 20:00	484	0.3	37.5	9.2	25.4	91.8	0.00
2/9/2015 21:00	485	0.3	36.5	10.3	25.2	91.3	0.00
2/9/2015 22:00	486	0.3	38.6	10.3	25.1	91.7	0.00
2/9/2015 23:00	487	0.3	22.2	11.5	25.1	91.3	0.00
2/10/2015 0:00	488	0.3	29.4	1.6	25.1	91.5	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/10/2015 1:00	489	0.3	24.2	5.3	25.1	89.6	0.00
2/10/2015 2:00	490	0.3	26.7	5.9	25.1	89.5	0.00
2/10/2015 3:00	491	0.3	38.6	2.9	25.4	90.9	0.00
2/10/2015 4:00	492	0.3	310.5	55.4	25.2	85.3	0.00
2/10/2015 5:00	493	0.3	293.2	39.5	24.1	84.3	0.00
2/10/2015 6:00	494	0.3	305.5	36.6	23.5	84.0	0.00
2/10/2015 7:00	495	0.3	294.6	34.2	23.4	83.4	0.00
2/10/2015 8:00	496	0.3	304.7	26.9	23.3	83.5	0.00
2/10/2015 9:00	497	0.3	305.6	29.2	23.7	79.9	0.00
2/10/2015 10:00	498	0.3	309.9	34.6	24.5	77.0	0.00
2/10/2015 11:00	499	0.3	311.0	24.5	25.6	74.8	0.00
2/10/2015 12:00	500	0.3	313.7	27.5	25.9	74.2	0.00
2/10/2015 13:00	501	0.3	315.0	27.1	26.0	74.2	0.00
2/10/2015 14:00	502	0.3	310.0	28.7	26.8	73.3	0.00
2/10/2015 15:00	503	0.3	312.0	34.8	27.5	71.6	0.00
2/10/2015 16:00	504	0.3	312.4	30.3	28.0	74.6	0.00
2/10/2015 17:00	505	0.3	325.5	32.3	27.7	73.4	0.00
2/10/2015 18:00	506	0.3	317.4	33.3	25.8	76.1	0.00
2/10/2015 19:00	507	0.3	312.4	38.5	24.5	76.5	0.00
2/10/2015 20:00	508	0.3	327.4	52.6	24.1	78.2	0.00
2/10/2015 21:00	509	0.3	318.7	41.6	23.7	80.4	0.00
2/10/2015 22:00	510	0.3	309.9	34.4	23.6	80.8	0.00
2/10/2015 23:00	511	0.3	319.4	33.5	23.8	78.1	0.00
2/11/2015 0:00	512	0.3	320.5	30.6	23.6	77.4	0.00
2/11/2015 1:00	513	0.3	315.0	30.0	22.8	77.2	0.00
2/11/2015 2:00	514	0.3	313.1	29.2	21.9	78.2	0.00
2/11/2015 3:00	515	0.3	302.1	29.9	21.1	77.9	0.00
2/11/2015 4:00	516	0.3	300.0	24.9	20.7	78.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/11/2015 5:00	517	0.3	314.6	34.9	20.5	78.1	0.00
2/11/2015 6:00	518	0.3	298.4	29.7	20.1	78.9	0.00
2/11/2015 7:00	519	0.3	325.5	30.7	19.8	78.5	0.00
2/11/2015 8:00	520	0.3	346.2	25.2	19.2	78.1	0.00
2/11/2015 9:00	521	0.3	0.4	32.7	19.1	77.1	0.00
2/11/2015 10:00	522	0.3	138.7	77.7	20.1	68.0	0.00
2/11/2015 11:00	523	0.4	47.2	97.9	22.6	64.5	0.01
2/11/2015 12:00	524	1.9	249.2	71.2	26.0	60.6	0.03
2/11/2015 13:00	525	1.7	27.8	81.4	29.9	56.3	0.00
2/11/2015 14:00	526	3.8	152.0	55.5	31.8	51.3	0.00
2/11/2015 15:00	527	2.7	141.3	59.2	32.9	47.6	0.00
2/11/2015 16:00	528	4.1	143.5	34.0	33.9	46.3	0.00
2/11/2015 17:00	529	4.4	155.0	24.9	34.0	50.9	0.00
2/11/2015 18:00	530	4.7	164.3	29.6	32.6	53.8	0.00
2/11/2015 19:00	531	5.3	151.4	31.7	32.4	47.8	0.00
2/11/2015 20:00	532	3.1	227.2	72.0	32.5	56.7	0.00
2/11/2015 21:00	533	2.5	178.6	78.7	31.2	57.8	0.00
2/11/2015 22:00	534	2.2	210.6	53.3	31.2	58.0	0.00
2/11/2015 23:00	535	2.6	217.6	59.6	31.7	57.5	0.00
2/12/2015 0:00	536	3.9	184.5	38.4	32.2	59.0	0.00
2/12/2015 1:00	537	4.1	172.3	38.2	32.2	57.5	0.00
2/12/2015 2:00	538	7.2	140.3	16.1	32.3	64.6	0.00
2/12/2015 3:00	539	3.3	180.2	66.5	32.3	68.3	0.00
2/12/2015 4:00	540	1.6	324.7	67.7	31.3	71.6	0.00
2/12/2015 5:00	541	1.4	351.7	78.7	31.0	72.9	0.00
2/12/2015 6:00	542	1.5	344.8	70.8	30.4	76.2	0.00
2/12/2015 7:00	543	1.2	329.2	79.4	29.7	82.6	0.00
2/12/2015 8:00	544	3.6	231.1	46.3	30.6	74.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/12/2015 9:00	545	4.3	278.0	50.3	31.6	91.2	0.00
2/12/2015 10:00	546	4.0	295.2	49.8	31.0	67.7	0.00
2/12/2015 11:00	547	4.8	279.5	39.9	32.4	49.8	0.00
2/12/2015 12:00	548	8.8	341.8	50.2	31.9	61.9	0.00
2/12/2015 13:00	549	5.9	295.6	39.6	30.3	62.7	0.00
2/12/2015 14:00	550	6.3	288.3	45.5	31.1	55.7	0.00
2/12/2015 15:00	551	7.3	296.7	39.1	32.7	36.8	0.00
2/12/2015 16:00	552	7.3	291.5	39.2	30.8	42.3	0.00
2/12/2015 17:00	553	8.6	305.7	40.8	26.7	47.4	0.00
2/12/2015 18:00	554	6.8	313.5	38.7	23.6	44.7	0.00
2/12/2015 19:00	555	7.1	306.8	39.3	21.9	46.2	0.00
2/12/2015 20:00	556	7.9	310.7	33.4	18.9	69.1	0.00
2/12/2015 21:00	557	8.6	334.2	36.5	15.2	62.4	0.00
2/12/2015 22:00	558	8.8	315.7	34.7	11.2	65.9	0.00
2/12/2015 23:00	559	8.7	322.5	36.6	8.0	46.2	0.00
2/13/2015 0:00	560	7.4	309.7	41.1	6.3	55.9	0.00
2/13/2015 1:00	561	7.6	309.8	36.6	5.1	47.7	0.00
2/13/2015 2:00	562	6.5	313.0	40.4	4.1	48.6	0.00
2/13/2015 3:00	563	5.4	305.1	41.1	3.3	53.5	0.00
2/13/2015 4:00	564	5.4	303.1	49.2	2.7	55.9	0.00
2/13/2015 5:00	565	4.4	301.2	47.0	2.4	56.9	0.00
2/13/2015 6:00	566	5.8	309.6	39.2	2.3	55.8	0.00
2/13/2015 7:00	567	4.9	316.0	45.2	2.0	56.9	0.00
2/13/2015 8:00	568	3.7	315.8	51.3	1.7	55.9	0.00
2/13/2015 9:00	569	6.2	309.7	43.3	2.9	48.9	0.00
2/13/2015 10:00	570	6.9	307.1	38.5	5.9	44.7	0.00
2/13/2015 11:00	571	6.5	296.2	38.0	8.2	40.5	0.00
2/13/2015 12:00	572	6.7	294.2	37.0	10.1	39.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/13/2015 13:00	573	6.9	298.9	38.1	11.5	34.9	0.00
2/13/2015 14:00	574	6.4	277.6	32.9	12.9	32.0	0.00
2/13/2015 15:00	575	6.2	304.5	39.0	14.9	30.8	0.00
2/13/2015 16:00	576	5.7	308.9	39.8	15.5	30.0	0.00
2/13/2015 17:00	577	4.4	313.2	36.4	16.0	32.5	0.00
2/13/2015 18:00	578	2.9	4.2	34.0	14.7	41.0	0.00
2/13/2015 19:00	579	2.2	79.4	66.6	10.6	50.9	0.00
2/13/2015 20:00	580	1.6	86.1	57.9	8.0	57.4	0.00
2/13/2015 21:00	581	2.2	70.7	29.6	5.7	59.2	0.00
2/13/2015 22:00	582	3.3	53.1	21.2	4.3	62.4	0.00
2/13/2015 23:00	583	4.3	68.7	14.2	3.5	63.8	0.00
2/14/2015 0:00	584	4.4	70.4	12.3	3.6	59.9	0.00
2/14/2015 1:00	585	4.1	64.7	14.6	3.9	60.5	0.00
2/14/2015 2:00	586	4.2	64.5	11.9	4.3	61.7	0.00
2/14/2015 3:00	587	3.7	67.1	15.3	5.0	62.8	0.00
2/14/2015 4:00	588	2.9	60.7	34.1	6.4	70.1	0.00
2/14/2015 5:00	589	6.0	178.0	56.9	13.3	65.4	0.00
2/14/2015 6:00	590	6.3	198.3	19.9	16.1	66.4	0.00
2/14/2015 7:00	591	6.9	195.3	19.4	16.5	67.8	0.00
2/14/2015 8:00	592	6.7	199.3	23.8	17.1	66.2	0.00
2/14/2015 9:00	593	6.5	194.9	19.7	17.8	67.0	0.00
2/14/2015 10:00	594	6.6	185.2	23.9	19.0	62.0	0.00
2/14/2015 11:00	595	6.0	181.5	23.6	19.9	63.3	0.00
2/14/2015 12:00	596	8.1	164.8	19.3	20.4	72.1	0.00
2/14/2015 13:00	597	6.2	157.2	22.2	22.3	67.5	0.00
2/14/2015 14:00	598	7.0	167.8	20.4	24.5	59.8	0.00
2/14/2015 15:00	599	7.7	160.1	21.4	23.8	69.3	0.00
2/14/2015 16:00	600	6.3	146.6	25.8	22.7	78.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/14/2015 17:00	601	5.9	134.5	25.0	22.3	77.1	0.00
2/14/2015 18:00	602	6.3	138.9	18.9	22.3	74.8	0.00
2/14/2015 19:00	603	5.4	129.3	65.7	21.9	77.9	0.00
2/14/2015 20:00	604	2.2	346.3	85.5	20.6	84.6	0.00
2/14/2015 21:00	605	6.8	322.2	43.6	20.4	79.3	0.00
2/14/2015 22:00	606	7.9	312.1	39.2	17.2	78.9	0.00
2/14/2015 23:00	607	8.2	322.9	41.7	15.0	73.5	0.00
2/15/2015 0:00	608	9.8	312.1	38.4	12.6	64.4	0.00
2/15/2015 1:00	609	10.1	304.5	43.3	9.8	51.7	0.00
2/15/2015 2:00	610	8.1	315.3	36.2	8.8	52.3	0.00
2/15/2015 3:00	611	9.5	304.9	40.5	7.4	51.6	0.00
2/15/2015 4:00	612	9.9	312.7	36.8	6.0	55.9	0.00
2/15/2015 5:00	613	9.5	311.1	39.2	5.0	60.4	0.00
2/15/2015 6:00	614	8.3	311.1	43.0	3.9	60.6	0.00
2/15/2015 7:00	615	10.4	311.1	35.7	3.4	53.9	0.00
2/15/2015 8:00	616	10.1	311.3	32.4	2.9	54.5	0.00
2/15/2015 9:00	617	9.2	311.4	35.3	3.0	50.8	0.00
2/15/2015 10:00	618	9.6	313.5	35.9	3.5	47.7	0.00
2/15/2015 11:00	619	10.0	323.9	35.6	5.0	45.4	0.00
2/15/2015 12:00	620	10.7	309.7	33.6	5.3	44.1	0.00
2/15/2015 13:00	621	11.0	312.3	35.0	5.8	42.0	0.00
2/15/2015 14:00	622	9.6	305.2	35.4	6.7	41.1	0.00
2/15/2015 15:00	623	9.4	299.3	32.5	6.5	41.7	0.00
2/15/2015 16:00	624	9.8	301.3	34.6	6.3	41.7	0.00
2/15/2015 17:00	625	9.2	299.2	31.3	5.3	42.7	0.00
2/15/2015 18:00	626	5.7	326.7	45.8	3.8	44.8	0.00
2/15/2015 19:00	627	7.9	319.4	43.0	1.9	41.2	0.00
2/15/2015 20:00	628	6.5	324.8	49.6	0.2	41.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/15/2015 21:00	629	7.4	312.3	43.6	-0.7	46.5	0.00
2/15/2015 22:00	630	6.7	299.1	48.2	-1.9	49.7	0.00
2/15/2015 23:00	631	6.6	308.0	42.9	-2.3	52.6	0.00
2/16/2015 0:00	632	7.1	314.1	39.8	-2.6	51.1	0.00
2/16/2015 1:00	633	5.6	303.4	52.1	-2.8	52.6	0.00
2/16/2015 2:00	634	5.2	322.3	50.9	-3.0	52.7	0.00
2/16/2015 3:00	635	5.5	322.1	48.9	-3.2	53.9	0.00
2/16/2015 4:00	636	4.4	320.5	41.1	-3.5	56.5	0.00
2/16/2015 5:00	637	4.3	334.3	46.1	-3.4	57.0	0.00
2/16/2015 6:00	638	3.8	1.2	43.3	-3.6	58.0	0.00
2/16/2015 7:00	639	3.3	329.1	50.8	-3.7	59.8	0.00
2/16/2015 8:00	640	4.5	346.1	40.8	-3.1	56.8	0.00
2/16/2015 9:00	641	6.0	327.9	41.8	-1.3	53.0	0.00
2/16/2015 10:00	642	6.0	316.1	36.8	2.7	49.8	0.00
2/16/2015 11:00	643	6.4	308.7	33.3	5.6	46.3	0.00
2/16/2015 12:00	644	6.6	300.1	35.4	8.7	42.4	0.00
2/16/2015 13:00	645	6.2	282.1	34.5	10.2	40.5	0.00
2/16/2015 14:00	646	5.1	271.8	33.3	11.4	39.1	0.00
2/16/2015 15:00	647	4.3	281.3	36.5	12.5	39.1	0.00
2/16/2015 16:00	648	4.2	280.0	28.9	12.6	38.6	0.00
2/16/2015 17:00	649	3.5	270.6	28.0	12.5	38.5	0.00
2/16/2015 18:00	650	2.6	280.9	44.1	12.0	39.8	0.00
2/16/2015 19:00	651	1.7	275.4	55.0	11.7	40.2	0.00
2/16/2015 20:00	652	1.8	341.4	34.4	11.6	42.2	0.00
2/16/2015 21:00	653	1.7	2.6	51.5	11.5	45.4	0.00
2/16/2015 22:00	654	2.2	51.1	27.9	11.2	46.5	0.00
2/16/2015 23:00	655	2.7	31.9	20.8	11.0	45.1	0.00
2/17/2015 0:00	656	3.4	33.7	20.3	10.7	46.2	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/17/2015 1:00	657	3.4	54.9	24.3	10.4	49.7	0.00
2/17/2015 2:00	658	3.4	44.3	13.7	9.8	61.4	0.00
2/17/2015 3:00	659	2.7	49.4	20.3	8.9	70.5	0.00
2/17/2015 4:00	660	3.7	35.4	18.1	8.3	73.0	0.00
2/17/2015 5:00	661	2.4	34.4	18.6	8.1	75.5	0.00
2/17/2015 6:00	662	1.5	66.2	36.2	8.0	74.3	0.00
2/17/2015 7:00	663	1.6	359.5	23.8	7.9	75.2	0.00
2/17/2015 8:00	664	1.1	9.8	61.9	7.5	75.8	0.00
2/17/2015 9:00	665	1.3	106.7	38.6	8.7	64.1	0.00
2/17/2015 10:00	666	1.4	102.1	55.2	13.1	51.0	0.00
2/17/2015 11:00	667	1.8	122.5	51.7	17.9	41.7	0.01
2/17/2015 12:00	668	2.2	235.3	42.3	21.5	44.9	0.00
2/17/2015 13:00	669	3.1	237.5	51.4	22.1	43.2	0.00
2/17/2015 14:00	670	3.0	249.5	41.5	23.7	42.8	0.00
2/17/2015 15:00	671	2.6	228.4	58.5	25.5	42.5	0.00
2/17/2015 16:00	672	2.8	250.9	22.0	24.8	43.1	0.00
2/17/2015 17:00	673	1.7	264.5	48.9	25.2	45.1	0.00
2/17/2015 18:00	674	1.8	216.3	44.2	20.5	63.4	0.00
2/17/2015 19:00	675	2.0	173.4	58.5	16.4	68.2	0.00
2/17/2015 20:00	676	2.1	55.5	55.9	14.6	73.1	0.00
2/17/2015 21:00	677	1.6	82.9	48.5	12.3	77.5	0.00
2/17/2015 22:00	678	2.2	65.7	42.5	10.0	78.9	0.00
2/17/2015 23:00	679	2.9	68.8	27.2	8.5	79.2	0.00
2/18/2015 0:00	680	3.5	70.1	27.3	6.3	80.7	0.00
2/18/2015 1:00	681	4.3	47.2	21.7	4.5	80.7	0.00
2/18/2015 2:00	682	2.9	78.3	30.3	3.0	81.1	0.00
2/18/2015 3:00	683	3.3	67.0	22.7	1.1	78.8	0.00
2/18/2015 4:00	684	4.4	75.4	15.3	0.3	76.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/18/2015 5:00	685	4.8	73.1	11.8	-1.1	75.5	0.00
2/18/2015 6:00	686	4.9	68.9	10.2	-2.4	75.2	0.00
2/18/2015 7:00	687	3.5	66.9	15.7	-3.0	73.5	0.00
2/18/2015 8:00	688	4.5	67.3	11.3	-4.1	71.5	0.00
2/18/2015 9:00	689	2.4	105.4	34.8	-0.7	62.2	0.00
2/18/2015 10:00	690	1.2	189.2	63.5	9.5	55.5	0.00
2/18/2015 11:00	691	1.8	57.1	100.9	15.3	42.8	0.00
2/18/2015 12:00	692	4.8	143.4	34.1	24.5	36.3	0.00
2/18/2015 13:00	693	4.2	163.1	42.7	27.8	34.6	0.00
2/18/2015 14:00	694	5.7	162.7	39.3	28.6	33.7	0.00
2/18/2015 15:00	695	4.7	176.2	33.7	29.6	34.1	0.00
2/18/2015 16:00	696	3.9	204.5	49.2	28.5	35.7	0.00
2/18/2015 17:00	697	3.8	196.7	48.2	27.8	45.1	0.00
2/18/2015 18:00	698	4.9	198.8	29.7	26.4	50.8	0.00
2/18/2015 19:00	699	4.4	188.1	25.0	25.0	52.0	0.00
2/18/2015 20:00	700	2.5	189.0	35.4	22.5	56.4	0.00
2/18/2015 21:00	701	2.3	184.2	33.5	21.4	58.6	0.00
2/18/2015 22:00	702	7.6	256.6	53.2	17.9	78.9	0.00
2/18/2015 23:00	703	5.1	287.3	54.1	15.9	63.1	0.00
2/19/2015 0:00	704	5.4	286.0	45.9	15.7	59.8	0.00
2/19/2015 1:00	705	4.6	292.3	50.8	15.3	50.8	0.00
2/19/2015 2:00	706	4.5	247.7	49.2	14.6	49.3	0.00
2/19/2015 3:00	707	4.8	236.5	41.5	12.3	51.5	0.00
2/19/2015 4:00	708	3.3	226.3	64.1	10.6	52.0	0.00
2/19/2015 5:00	709	3.4	266.4	65.7	9.8	54.5	0.00
2/19/2015 6:00	710	4.1	285.4	48.9	9.5	72.8	0.00
2/19/2015 7:00	711	3.9	302.1	50.9	10.3	75.0	0.00
2/19/2015 8:00	712	6.4	299.6	44.2	11.5	54.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/19/2015 9:00	713	8.1	309.1	37.2	11.7	47.3	0.00
2/19/2015 10:00	714	9.3	306.7	38.3	12.8	40.4	0.00
2/19/2015 11:00	715	8.6	307.4	42.5	14.1	34.7	0.00
2/19/2015 12:00	716	9.7	290.3	40.1	14.5	32.0	0.00
2/19/2015 13:00	717	9.0	291.9	37.8	14.2	34.5	0.00
2/19/2015 14:00	718	9.3	292.1	35.1	14.0	37.9	0.00
2/19/2015 15:00	719	8.6	296.5	42.8	13.2	36.2	0.00
2/19/2015 16:00	720	8.6	305.1	41.7	12.6	30.7	0.00
2/19/2015 17:00	721	7.6	308.7	42.6	11.1	38.6	0.00
2/19/2015 18:00	722	6.5	321.8	38.8	9.4	38.8	0.00
2/19/2015 19:00	723	8.4	301.6	40.7	7.6	38.6	0.00
2/19/2015 20:00	724	7.9	292.4	37.9	5.8	34.6	0.00
2/19/2015 21:00	725	7.7	302.4	39.5	4.2	37.6	0.00
2/19/2015 22:00	726	6.2	297.7	53.6	2.5	36.2	0.00
2/19/2015 23:00	727	6.7	297.0	44.9	1.0	40.1	0.00
2/20/2015 0:00	728	5.9	296.2	41.9	0.0	39.6	0.00
2/20/2015 1:00	729	7.1	292.3	43.3	-1.0	38.9	0.00
2/20/2015 2:00	730	6.0	289.1	46.5	-1.9	38.3	0.00
2/20/2015 3:00	731	4.7	279.2	50.4	-2.7	42.2	0.00
2/20/2015 4:00	732	5.2	275.5	41.8	-3.3	43.3	0.00
2/20/2015 5:00	733	4.6	277.7	50.6	-3.7	42.8	0.00
2/20/2015 6:00	734	4.3	289.7	44.3	-4.0	44.1	0.00
2/20/2015 7:00	735	2.9	242.9	67.5	-4.4	45.3	0.00
2/20/2015 8:00	736	3.0	258.3	56.0	-4.3	44.1	0.00
2/20/2015 9:00	737	4.6	263.8	60.5	-2.2	39.6	0.00
2/20/2015 10:00	738	7.2	301.9	43.0	1.5	37.7	0.00
2/20/2015 11:00	739	6.1	320.1	41.8	4.9	36.5	0.00
2/20/2015 12:00	740	6.7	311.1	37.6	7.4	35.8	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/20/2015 13:00	741	6.4	303.2	44.8	9.3	35.9	0.00
2/20/2015 14:00	742	5.6	317.4	37.0	11.6	33.8	0.00
2/20/2015 15:00	743	5.1	300.9	40.7	13.1	33.0	0.00
2/20/2015 16:00	744	4.4	305.0	51.2	13.8	33.5	0.00
2/20/2015 17:00	745	3.7	321.1	43.6	14.1	33.9	0.00
2/20/2015 18:00	746	2.3	17.5	39.8	12.4	41.3	0.00
2/20/2015 19:00	747	2.1	70.1	51.2	7.4	54.3	0.00
2/20/2015 20:00	748	1.8	99.4	63.5	4.2	58.3	0.00
2/20/2015 21:00	749	4.2	49.7	18.5	1.7	59.1	0.00
2/20/2015 22:00	750	4.7	76.4	30.1	0.5	63.4	0.00
2/20/2015 23:00	751	5.0	73.5	28.5	-1.4	66.4	0.00
2/21/2015 0:00	752	5.0	67.6	16.2	-2.9	68.7	0.00
2/21/2015 1:00	753	7.0	67.2	12.3	-4.2	68.0	0.00
2/21/2015 2:00	754	6.4	70.2	18.4	-4.2	64.7	0.00
2/21/2015 3:00	755	6.1	35.2	38.3	-3.2	62.4	0.00
2/21/2015 4:00	756	7.3	91.0	75.6	5.5	37.5	0.00
2/21/2015 5:00	757	9.1	126.5	17.7	12.0	35.0	0.00
2/21/2015 6:00	758	9.5	143.8	22.1	12.3	36.9	0.00
2/21/2015 7:00	759	9.5	147.9	15.9	12.7	36.2	0.00
2/21/2015 8:00	760	6.6	146.8	44.0	13.2	35.3	0.00
2/21/2015 9:00	761	7.8	139.8	30.1	15.1	35.0	0.00
2/21/2015 10:00	762	9.6	146.6	27.0	17.3	35.5	0.00
2/21/2015 11:00	763	8.4	156.3	25.7	19.0	36.4	0.00
2/21/2015 12:00	764	11.3	167.2	24.0	19.0	66.4	0.00
2/21/2015 13:00	765	11.4	163.3	19.9	17.0	77.4	0.00
2/21/2015 14:00	766	11.3	160.9	18.7	18.0	74.0	0.00
2/21/2015 15:00	767	9.1	163.5	22.1	19.5	75.3	0.00
2/21/2015 16:00	768	7.3	180.7	27.9	21.2	77.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/21/2015 17:00	769	6.9	173.1	25.9	21.6	74.4	0.00
2/21/2015 18:00	770	6.2	163.4	25.8	22.0	84.3	0.00
2/21/2015 19:00	771	5.9	143.7	29.7	21.6	83.3	0.00
2/21/2015 20:00	772	7.5	121.4	19.9	22.1	84.0	0.00
2/21/2015 21:00	773	9.9	127.4	18.7	23.0	77.6	0.00
2/21/2015 22:00	774	7.1	154.7	45.1	24.3	85.0	0.00
2/21/2015 23:00	775	4.8	31.5	58.4	23.7	81.8	0.00
2/22/2015 0:00	776	4.8	126.6	59.7	25.3	75.1	0.00
2/22/2015 1:00	777	3.7	197.0	44.7	26.5	76.0	0.00
2/22/2015 2:00	778	2.5	321.5	71.1	26.2	79.6	0.00
2/22/2015 3:00	779	3.0	27.5	66.9	25.6	80.8	0.00
2/22/2015 4:00	780	3.3	69.1	13.1	25.3	83.6	0.00
2/22/2015 5:00	781	1.6	60.1	22.2	25.0	84.9	0.00
2/22/2015 6:00	782	1.1	35.8	74.2	24.9	86.5	0.00
2/22/2015 7:00	783	2.9	61.3	13.3	24.8	86.2	0.00
2/22/2015 8:00	784	1.2	54.1	76.5	25.0	84.8	0.00
2/22/2015 9:00	785	1.2	34.5	55.5	26.2	78.9	0.00
2/22/2015 10:00	786	1.0	213.7	62.0	29.4	70.0	0.05
2/22/2015 11:00	787	2.0	177.8	53.6	31.4	66.2	0.01
2/22/2015 12:00	788	2.0	72.2	72.8	34.7	60.5	0.00
2/22/2015 13:00	789	2.8	190.3	61.9	36.6	55.1	0.00
2/22/2015 14:00	790	2.3	229.3	60.4	39.7	50.4	0.00
2/22/2015 15:00	791	2.2	220.0	58.0	40.1	50.9	0.00
2/22/2015 16:00	792	3.0	175.5	44.7	39.9	57.6	0.00
2/22/2015 17:00	793	3.0	145.6	50.3	38.8	61.1	0.00
2/22/2015 18:00	794	2.5	260.6	26.6	37.0	67.2	0.00
2/22/2015 19:00	795	3.6	217.0	31.4	36.4	59.3	0.00
2/22/2015 20:00	796	2.5	241.7	43.7	35.5	62.5	0.00

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2/22/2015 21:00	797	4.2	307.5	53.6	34.9	59.5	0.00
2/22/2015 22:00	798	5.1	347.0	23.0	32.5	63.0	0.00
2/22/2015 23:00	799	3.0	348.5	30.0	30.3	65.2	0.00
2/23/2015 0:00	800	1.6	30.0	41.3	28.8	69.4	0.00
2/23/2015 1:00	801	1.5	68.2	67.3	27.5	73.9	0.00
2/23/2015 2:00	802	4.9	347.2	44.7	27.8	65.4	0.00
2/23/2015 3:00	803	9.3	338.5	31.6	23.3	65.1	0.00
2/23/2015 4:00	804	8.0	351.7	24.5	19.2	62.2	0.00
2/23/2015 5:00	805	7.7	359.4	19.4	17.7	65.8	0.00
2/23/2015 6:00	806	6.5	350.5	26.0	16.7	59.3	0.00
2/23/2015 7:00	807	7.9	7.3	19.8	14.5	55.3	0.00
2/23/2015 8:00	808	6.6	352.8	27.5	13.1	50.0	0.00
2/23/2015 9:00	809	6.9	304.1	37.6	13.1	44.0	0.00
2/23/2015 10:00	810	7.8	315.5	45.5	14.1	40.0	0.00
2/23/2015 11:00	811	8.3	315.1	36.3	14.7	31.8	0.00
2/23/2015 12:00	812	8.5	313.0	35.9	14.5	31.9	0.00
2/23/2015 13:00	813	9.1	301.1	35.4	13.7	28.4	0.00
2/23/2015 14:00	814	9.1	318.1	36.4	13.8	30.4	0.00
2/23/2015 15:00	815	8.2	312.8	35.1	13.7	29.2	0.00
2/23/2015 16:00	816	7.8	317.3	42.6	13.1	28.5	0.00
2/23/2015 17:00	817	7.1	307.4	37.8	12.1	29.7	0.00
2/23/2015 18:00	818	6.2	319.9	39.1	10.2	31.8	0.00
2/23/2015 19:00	819	5.7	351.2	21.4	8.3	34.6	0.00
2/23/2015 20:00	820	6.2	16.8	18.3	5.9	45.4	0.00
2/23/2015 21:00	821	2.8	13.8	50.7	3.2	50.4	0.00
2/23/2015 22:00	822	3.1	30.5	34.5	0.9	56.0	0.00
2/23/2015 23:00	823	2.9	61.2	55.9	-1.5	63.4	0.00
2/24/2015 0:00	824	3.8	55.4	31.3	-3.1	65.1	0.00

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2/24/2015 1:00	825	3.6	63.2	25.6	-4.6	66.7	0.00
2/24/2015 2:00	826	4.3	68.3	11.5	-6.0	70.0	0.00
2/24/2015 3:00	827	5.0	65.9	8.3	-7.4	70.6	0.00
2/24/2015 4:00	828	4.7	65.1	8.7	-8.8	71.0	0.00
2/24/2015 5:00	829	4.1	67.7	11.3	-9.6	69.9	0.00
2/24/2015 6:00	830	4.9	66.1	8.7	-10.7	68.6	0.00
2/24/2015 7:00	831	4.9	60.1	6.9	-11.7	67.4	0.00
2/24/2015 8:00	832	4.8	64.9	11.0	-12.0	64.4	0.00
2/24/2015 9:00	833	2.9	81.0	30.5	-8.3	57.7	0.00
2/24/2015 10:00	834	2.0	123.5	63.9	-0.5	46.0	0.00
2/24/2015 11:00	835	6.7	141.7	41.2	10.1	29.7	0.00
2/24/2015 12:00	836	7.2	162.0	33.5	15.3	25.1	0.00
2/24/2015 13:00	837	8.3	163.0	19.3	18.3	24.0	0.00
2/24/2015 14:00	838	8.0	178.9	29.8	21.9	21.7	0.00
2/24/2015 15:00	839	9.6	178.4	24.4	24.0	22.1	0.00
2/24/2015 16:00	840	9.2	178.3	23.5	23.0	26.6	0.00
2/24/2015 17:00	841	10.1	172.0	20.4	21.6	29.5	0.00
2/24/2015 18:00	842	9.8	178.4	23.4	20.4	32.4	0.00
2/24/2015 19:00	843	7.6	167.5	22.5	19.8	34.9	0.00
2/24/2015 20:00	844	7.2	169.7	25.4	19.3	39.1	0.00
2/24/2015 21:00	845	6.6	163.7	29.1	19.0	40.8	0.00
2/24/2015 22:00	846	7.3	161.5	27.2	18.8	42.3	0.00
2/24/2015 23:00	847	7.3	145.1	25.7	18.6	44.3	0.00
2/25/2015 0:00	848	7.7	159.8	17.7	18.4	46.6	0.00
2/25/2015 1:00	849	7.7	173.1	15.6	18.6	47.8	0.00
2/25/2015 2:00	850	7.1	180.0	19.3	18.8	51.8	0.00
2/25/2015 3:00	851	4.9	197.0	19.1	18.8	51.3	0.00
2/25/2015 4:00	852	4.9	200.6	18.5	18.7	51.0	0.00

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2/25/2015 5:00	853	2.9	203.0	28.8	16.6	61.4	0.00
2/25/2015 6:00	854	3.5	46.5	28.9	12.0	66.9	0.00
2/25/2015 7:00	855	4.3	61.0	15.2	10.3	72.2	0.00
2/25/2015 8:00	856	4.8	64.3	13.9	8.6	69.7	0.00
2/25/2015 9:00	857	3.4	67.4	30.5	12.5	53.6	0.00
2/25/2015 10:00	858	2.0	91.9	90.1	23.5	44.9	0.00
2/25/2015 11:00	859	7.0	253.7	39.1	28.6	41.5	0.00
2/25/2015 12:00	860	7.5	249.6	30.8	30.2	41.0	0.00
2/25/2015 13:00	861	5.4	293.5	43.1	32.2	34.1	0.00
2/25/2015 14:00	862	6.0	308.7	37.0	33.8	32.2	0.00
2/25/2015 15:00	863	4.4	319.4	52.5	35.0	30.6	0.00
2/25/2015 16:00	864	4.7	330.4	41.2	34.9	32.9	0.00
2/25/2015 17:00	865	5.2	354.5	26.1	33.6	33.1	0.00
2/25/2015 18:00	866	5.6	355.7	17.1	31.6	33.2	0.00
2/25/2015 19:00	867	3.9	10.3	19.0	29.0	36.6	0.00
2/25/2015 20:00	868	2.8	6.3	31.9	26.9	42.0	0.00
2/25/2015 21:00	869	6.0	18.6	14.9	24.6	32.4	0.00
2/25/2015 22:00	870	4.2	344.0	22.2	21.8	37.6	0.00
2/25/2015 23:00	871	5.3	352.0	24.1	18.7	40.8	0.00
2/26/2015 0:00	872	3.9	344.8	17.6	17.0	43.8	0.00
2/26/2015 1:00	873	3.8	0.9	21.3	16.4	41.7	0.00
2/26/2015 2:00	874	4.8	2.2	17.3	15.8	44.5	0.00
2/26/2015 3:00	875	3.4	357.9	20.6	15.2	45.3	0.00
2/26/2015 4:00	876	4.3	359.2	15.5	15.0	50.2	0.00
2/26/2015 5:00	877	5.1	3.7	17.6	14.7	52.0	0.00
2/26/2015 6:00	878	3.9	352.1	21.4	14.5	52.5	0.00
2/26/2015 7:00	879	2.7	342.8	29.3	14.5	53.0	0.00
2/26/2015 8:00	880	3.3	345.6	19.4	14.7	52.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/26/2015 9:00	881	3.5	353.0	24.4	15.5	51.8	0.00
2/26/2015 10:00	882	4.1	323.4	26.8	16.3	49.2	0.00
2/26/2015 11:00	883	3.8	333.7	40.0	18.3	48.1	0.00
2/26/2015 12:00	884	3.4	346.2	59.8	20.5	44.5	0.00
2/26/2015 13:00	885	4.7	325.6	37.7	21.2	52.6	0.00
2/26/2015 14:00	886	5.0	307.9	36.6	21.8	63.1	0.00
2/26/2015 15:00	887	5.1	316.0	34.0	22.2	63.8	0.00
2/26/2015 16:00	888	4.7	322.6	35.4	21.6	62.6	0.00
2/26/2015 17:00	889	4.2	303.5	33.2	21.0	65.3	0.00
2/26/2015 18:00	890	2.9	334.9	31.9	20.8	66.1	0.00
2/26/2015 19:00	891	2.5	334.0	31.0	20.4	70.4	0.00
2/26/2015 20:00	892	2.7	333.2	35.9	19.3	69.9	0.00
2/26/2015 21:00	893	3.5	332.4	39.1	18.1	65.4	0.00
2/26/2015 22:00	894	4.2	316.0	33.8	16.3	62.1	0.00
2/26/2015 23:00	895	4.3	320.2	33.1	15.0	60.4	0.00
2/27/2015 0:00	896	2.9	338.6	28.8	14.2	62.7	0.00
2/27/2015 1:00	897	3.5	339.8	26.6	13.8	59.8	0.00
2/27/2015 2:00	898	3.6	332.9	30.4	13.1	61.1	0.00
2/27/2015 3:00	899	3.9	329.0	31.0	11.9	65.0	0.00
2/27/2015 4:00	900	4.4	349.3	24.4	11.1	65.7	0.00
2/27/2015 5:00	901	3.9	338.3	26.5	10.5	68.5	0.00
2/27/2015 6:00	902	3.4	3.5	21.2	8.7	73.0	0.00
2/27/2015 7:00	903	3.7	41.0	11.3	6.4	75.4	0.00
2/27/2015 8:00	904	5.5	52.6	12.1	5.5	72.8	0.00
2/27/2015 9:00	905	2.2	145.5	47.5	8.7	60.1	0.00
2/27/2015 10:00	906	5.0	322.7	43.3	14.0	52.4	0.00
2/27/2015 11:00	907	5.0	322.2	41.4	16.9	46.0	0.00
2/27/2015 12:00	908	5.3	295.7	47.2	18.5	44.5	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/27/2015 13:00	909	5.3	263.2	43.5	20.4	42.5	0.00
2/27/2015 14:00	910	4.7	302.4	41.6	21.5	38.3	0.00
2/27/2015 15:00	911	6.3	297.1	35.8	22.4	34.9	0.00
2/27/2015 16:00	912	5.6	294.9	45.9	23.1	31.8	0.00
2/27/2015 17:00	913	5.2	308.4	35.0	22.4	34.5	0.00
2/27/2015 18:00	914	4.1	336.3	33.4	21.4	37.3	0.00
2/27/2015 19:00	915	3.4	27.4	19.0	19.2	47.1	0.00
2/27/2015 20:00	916	2.9	13.1	18.4	14.6	55.2	0.00
2/27/2015 21:00	917	2.6	30.6	14.7	11.8	63.0	0.00
2/27/2015 22:00	918	3.9	33.5	26.0	9.6	65.3	0.00
2/27/2015 23:00	919	3.5	7.8	24.0	7.3	72.0	0.00
2/28/2015 0:00	920	2.9	32.8	35.7	5.0	73.5	0.00
2/28/2015 1:00	921	5.3	36.9	13.0	3.8	73.3	0.00
2/28/2015 2:00	922	5.6	51.3	11.9	2.9	73.0	0.00
2/28/2015 3:00	923	6.5	55.6	13.4	1.3	75.0	0.00
2/28/2015 4:00	924	6.0	55.4	10.8	-0.4	75.6	0.00
2/28/2015 5:00	925	7.4	54.5	10.9	-1.9	74.9	0.00
2/28/2015 6:00	926	6.9	63.4	8.4	-3.3	74.5	0.00
2/28/2015 7:00	927	5.5	66.7	11.4	-4.4	72.4	0.00
2/28/2015 8:00	928	5.9	60.4	8.7	-5.3	71.4	0.00
2/28/2015 9:00	929	3.9	74.1	19.1	-0.8	62.2	0.00
2/28/2015 10:00	930	1.7	145.7	25.8	8.7	51.6	0.00
2/28/2015 11:00	931	3.5	129.2	26.7	14.5	40.7	0.00
2/28/2015 12:00	932	4.5	215.4	42.5	18.5	41.3	0.00
2/28/2015 13:00	933	3.9	245.0	40.8	20.5	39.0	0.00
2/28/2015 14:00	934	3.8	260.2	91.6	23.1	33.8	0.00
2/28/2015 15:00	935	3.1	194.6	52.4	26.0	33.4	0.00
2/28/2015 16:00	936	2.6	183.0	42.1	27.0	28.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
2/28/2015 17:00	937	2.5	225.3	26.9	27.4	28.8	0.00
2/28/2015 18:00	938	2.8	50.4	32.1	25.1	32.9	0.00
2/28/2015 19:00	939	1.5	111.4	62.3	19.2	55.2	0.00
2/28/2015 20:00	940	1.6	136.4	60.3	16.3	61.8	0.00
2/28/2015 21:00	941	1.6	67.4	58.3	13.4	65.6	0.00
2/28/2015 22:00	942	2.8	83.1	32.8	11.8	62.0	0.00
2/28/2015 23:00	943	4.5	74.2	13.9	10.6	64.7	0.00
3/1/2015 0:00	944	5.1	73.1	10.1	8.8	66.1	0.00
3/1/2015 1:00	945	4.8	72.4	11.1	7.3	69.4	0.00
3/1/2015 2:00	946	5.1	67.8	11.4	6.3	68.8	0.00
3/1/2015 3:00	947	5.2	67.8	12.0	6.6	66.4	0.00
3/1/2015 4:00	948	3.7	74.3	18.3	7.4	63.4	0.00
3/1/2015 5:00	949	3.8	62.2	18.1	8.7	63.4	0.00
3/1/2015 6:00	950	5.1	76.3	20.2	10.0	62.1	0.00
3/1/2015 7:00	951	4.4	53.9	21.8	10.6	79.1	0.00
3/1/2015 8:00	952	3.6	17.4	46.1	12.5	84.7	0.00
3/1/2015 9:00	953	7.7	119.6	27.3	18.2	76.0	0.00
3/1/2015 10:00	954	7.8	125.4	25.7	20.6	71.4	0.00
3/1/2015 11:00	955	8.9	150.1	20.1	22.9	67.8	0.00
3/1/2015 12:00	956	8.1	157.6	21.8	24.5	69.8	0.00
3/1/2015 13:00	957	6.3	159.3	19.7	24.7	77.8	0.00
3/1/2015 14:00	958	8.1	150.1	18.6	24.7	75.7	0.00
3/1/2015 15:00	959	7.1	150.7	18.6	25.6	76.9	0.00
3/1/2015 16:00	960	6.8	146.9	21.2	26.0	76.8	0.00
3/1/2015 17:00	961	6.9	121.1	22.6	25.6	80.7	0.00
3/1/2015 18:00	962	7.5	107.9	21.0	25.5	77.2	0.00
3/1/2015 19:00	963	6.1	128.2	22.6	25.9	79.7	0.00
3/1/2015 20:00	964	7.6	137.6	14.9	25.7	79.2	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
3/1/2015 21:00	965	7.7	152.8	16.1	26.1	78.6	0.00
3/1/2015 22:00	966	5.9	143.6	32.7	26.4	80.5	0.00
3/1/2015 23:00	967	3.0	310.4	87.6	26.1	80.3	0.00
3/2/2015 0:00	968	1.9	316.7	54.1	25.9	84.3	0.00
3/2/2015 1:00	969	3.7	68.6	12.9	25.4	84.1	0.00
3/2/2015 2:00	970	3.2	55.7	18.1	25.4	84.8	0.00
3/2/2015 3:00	971	1.5	80.8	67.1	25.4	86.6	0.00
3/2/2015 4:00	972	1.6	16.8	45.9	25.3	89.5	0.00
3/2/2015 5:00	973	2.8	58.8	52.8	25.2	88.0	0.00
3/2/2015 6:00	974	1.4	188.7	28.5	25.4	88.4	0.00
3/2/2015 7:00	975	1.5	96.9	73.0	25.6	88.7	0.00
3/2/2015 8:00	976	5.4	330.5	38.6	27.4	67.8	0.00
3/2/2015 9:00	977	7.1	314.8	42.7	27.0	61.4	0.00
3/2/2015 10:00	978	7.3	288.2	48.8	28.2	46.2	0.00
3/2/2015 11:00	979	10.4	302.6	42.8	30.4	42.6	0.04
3/2/2015 12:00	980	10.0	311.7	37.3	31.7	40.4	0.00
3/2/2015 13:00	981	8.0	314.7	41.8	32.8	39.0	0.00
3/2/2015 14:00	982	9.2	307.6	35.3	33.6	36.9	0.00
3/2/2015 15:00	983	10.5	306.6	32.8	33.5	35.8	0.00
3/2/2015 16:00	984	10.2	297.9	36.6	33.1	36.5	0.00
3/2/2015 17:00	985	8.5	283.6	35.3	32.1	37.0	0.00
3/2/2015 18:00	986	6.5	301.3	49.4	30.8	38.0	0.00
3/2/2015 19:00	987	6.5	350.8	31.8	29.3	39.7	0.00
3/2/2015 20:00	988	6.0	351.7	32.8	27.4	40.8	0.00
3/2/2015 21:00	989	5.7	328.0	37.4	25.8	45.9	0.00
3/2/2015 22:00	990	5.4	351.9	32.1	24.2	49.3	0.00
3/2/2015 23:00	991	5.4	7.7	19.3	22.8	51.7	0.00
3/3/2015 0:00	992	2.5	348.7	50.3	21.5	57.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
3/3/2015 1:00	993	3.2	28.8	23.1	18.7	67.8	0.00
3/3/2015 2:00	994	3.6	22.0	19.3	14.3	73.0	0.00
3/3/2015 3:00	995	4.6	44.2	18.7	12.3	75.6	0.00
3/3/2015 4:00	996	5.8	70.0	21.6	11.0	78.0	0.00
3/3/2015 5:00	997	5.7	73.1	18.1	9.4	78.4	0.00
3/3/2015 6:00	998	6.3	60.0	9.8	7.7	79.0	0.00
3/3/2015 7:00	999	5.5	66.3	9.6	7.9	77.2	0.00
3/3/2015 8:00	1000	5.2	62.5	12.3	8.9	73.6	0.00
3/3/2015 9:00	1001	4.4	66.4	28.0	11.3	69.5	0.00
3/3/2015 10:00	1002	2.9	41.8	45.6	15.9	59.9	0.00
3/3/2015 11:00	1003	5.9	129.7	71.3	22.0	53.3	0.00
3/3/2015 12:00	1004	7.3	157.1	22.4	25.2	43.3	0.00
3/3/2015 13:00	1005	7.4	162.5	20.6	26.2	57.3	0.00
3/3/2015 14:00	1006	6.7	177.1	24.1	23.9	78.9	0.00
3/3/2015 15:00	1007	8.2	173.0	23.7	23.2	79.6	0.00
3/3/2015 16:00	1008	5.5	177.7	46.2	23.3	79.2	0.00
3/3/2015 17:00	1009	7.8	168.3	32.7	23.6	78.7	0.00
3/3/2015 18:00	1010	8.5	166.4	30.3	24.2	75.9	0.00
3/3/2015 19:00	1011	10.0	153.5	25.5	25.1	78.9	0.00
3/3/2015 20:00	1012	11.2	152.3	19.4	26.4	77.0	0.00
3/3/2015 21:00	1013	12.5	147.5	18.9	27.7	76.6	0.00
3/3/2015 22:00	1014	12.2	150.5	22.6	29.1	77.1	0.00
3/3/2015 23:00	1015	9.2	164.5	23.4	30.3	79.3	0.00
3/4/2015 0:00	1016	6.9	166.3	39.4	31.3	79.9	0.00
3/4/2015 1:00	1017	7.1	155.4	24.8	32.0	80.4	0.00
3/4/2015 2:00	1018	8.9	140.1	19.0	32.2	81.3	0.00
3/4/2015 3:00	1019	4.4	150.4	39.8	32.5	83.6	0.00
3/4/2015 4:00	1020	2.4	98.3	89.9	32.3	83.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
3/4/2015 5:00	1021	2.1	286.5	61.1	32.3	85.0	0.00
3/4/2015 6:00	1022	1.4	10.1	61.7	32.2	86.0	0.00
3/4/2015 7:00	1023	2.5	38.7	35.6	32.4	87.6	0.00
3/4/2015 8:00	1024	3.3	55.8	16.4	32.6	89.9	0.00
3/4/2015 9:00	1025	1.6	81.7	49.6	33.2	88.5	0.00
3/4/2015 10:00	1026	1.7	48.0	96.0	34.4	83.2	0.01
3/4/2015 11:00	1027	1.8	31.6	60.8	35.9	81.6	0.14
3/4/2015 12:00	1028	2.4	64.4	36.4	38.2	75.2	0.06999999
3/4/2015 13:00	1029	4.5	55.1	11.4	39.7	74.4	0.00
3/4/2015 14:00	1030	3.9	59.2	11.3	39.9	73.7	0.00
3/4/2015 15:00	1031	1.5	143.3	51.4	39.4	77.5	0.00
3/4/2015 16:00	1032	1.4	113.4	87.6	38.9	78.7	0.00
3/4/2015 17:00	1033	2.7	192.8	32.9	38.1	77.2	0.00
3/4/2015 18:00	1034	2.9	191.4	19.7	38.1	76.1	0.00
3/4/2015 19:00	1035	1.6	235.9	84.3	37.4	83.4	0.00
3/4/2015 20:00	1036	1.9	21.3	53.7	35.8	85.8	0.00
3/4/2015 21:00	1037	1.8	157.9	95.6	35.0	87.0	0.00
3/4/2015 22:00	1038	2.3	17.4	53.4	35.4	79.8	0.00
3/4/2015 23:00	1039	3.8	5.6	27.8	37.1	74.5	0.00
3/5/2015 0:00	1040	2.4	303.8	45.0	35.0	83.0	0.00
3/5/2015 1:00	1041	1.5	66.5	64.0	33.3	83.9	0.00
3/5/2015 2:00	1042	2.7	359.8	42.8	34.1	61.9	0.00
3/5/2015 3:00	1043	4.7	343.7	31.1	34.8	54.9	0.00
3/5/2015 4:00	1044	8.0	334.1	35.7	33.6	64.7	0.00
3/5/2015 5:00	1045	9.6	349.7	22.6	29.8	64.9	0.00
3/5/2015 6:00	1046	9.1	351.2	22.7	26.0	64.9	0.00
3/5/2015 7:00	1047	8.1	342.8	31.5	22.6	57.9	0.00
3/5/2015 8:00	1048	9.1	350.4	24.4	19.6	54.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
3/5/2015 9:00	1049	7.1	345.8	28.0	18.9	43.6	0.00
3/5/2015 10:00	1050	6.7	344.9	26.3	18.7	42.2	0.00
3/5/2015 11:00	1051	7.9	345.6	27.6	18.8	41.4	0.00
3/5/2015 12:00	1052	7.5	346.5	23.5	18.5	42.4	0.00
3/5/2015 13:00	1053	6.4	345.0	27.0	18.5	45.0	0.00
3/5/2015 14:00	1054	7.1	345.6	23.3	18.5	44.8	0.00
3/5/2015 15:00	1055	6.7	337.1	26.5	18.5	45.2	0.00
3/5/2015 16:00	1056	6.0	347.1	29.6	18.3	45.8	0.00
3/5/2015 17:00	1057	5.8	349.6	26.3	18.0	46.7	0.00
3/5/2015 18:00	1058	4.3	331.2	35.2	17.4	47.6	0.00
3/5/2015 19:00	1059	5.8	354.0	21.4	16.8	49.8	0.00
3/5/2015 20:00	1060	5.9	356.5	20.3	16.2	48.8	0.00
3/5/2015 21:00	1061	5.4	2.2	17.6	15.1	50.9	0.00
3/5/2015 22:00	1062	5.1	4.4	16.9	13.8	53.1	0.00
3/5/2015 23:00	1063	4.5	16.7	12.2	12.0	55.1	0.00
3/6/2015 0:00	1064	3.4	358.9	29.7	11.0	56.2	0.00
3/6/2015 1:00	1065	3.4	28.0	23.8	9.0	63.3	0.00
3/6/2015 2:00	1066	4.5	42.1	13.9	5.7	70.0	0.00
3/6/2015 3:00	1067	3.4	44.8	13.4	3.6	75.2	0.00
3/6/2015 4:00	1068	4.1	45.6	11.8	1.8	75.0	0.00
3/6/2015 5:00	1069	4.3	41.0	12.8	0.5	75.3	0.00
3/6/2015 6:00	1070	4.4	41.5	23.4	-0.5	74.9	0.00
3/6/2015 7:00	1071	4.0	36.5	23.3	-1.5	76.4	0.00
3/6/2015 8:00	1072	4.8	59.9	10.9	-0.5	70.0	0.00
3/6/2015 9:00	1073	4.0	358.1	63.2	7.6	53.1	0.00
3/6/2015 10:00	1074	4.0	239.8	49.0	12.5	46.4	0.00
3/6/2015 11:00	1075	3.5	188.4	36.6	16.4	44.1	0.00
3/6/2015 12:00	1076	3.4	326.7	96.7	18.7	40.2	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
3/6/2015 13:00	1077	3.3	166.7	45.9	21.5	34.8	0.00
3/6/2015 14:00	1078	3.1	206.2	60.4	22.9	32.2	0.00
3/6/2015 15:00	1079	2.7	326.1	81.0	25.3	33.3	0.00
3/6/2015 16:00	1080	4.0	175.1	57.2	26.3	34.4	0.00
3/6/2015 17:00	1081	5.0	156.3	29.1	25.7	35.8	0.00
3/6/2015 18:00	1082	5.2	169.6	17.8	24.3	39.4	0.00
3/6/2015 19:00	1083	2.8	174.9	39.5	22.0	37.7	0.00
3/6/2015 20:00	1084	2.8	198.3	44.0	20.4	43.0	0.00
3/6/2015 21:00	1085	1.8	256.1	61.3	18.3	46.5	0.00
3/6/2015 22:00	1086	1.6	129.9	77.1	16.6	52.3	0.00
3/6/2015 23:00	1087	3.5	185.1	35.5	17.3	44.3	0.00
3/7/2015 0:00	1088	2.9	278.4	73.3	16.4	55.7	0.00
3/7/2015 1:00	1089	2.5	0.6	48.1	14.5	61.4	0.00
3/7/2015 2:00	1090	2.0	32.3	71.5	11.6	68.2	0.00
3/7/2015 3:00	1091	5.2	61.9	14.6	10.0	67.8	0.00
3/7/2015 4:00	1092	5.2	75.5	20.1	8.1	70.6	0.00
3/7/2015 5:00	1093	5.4	71.1	11.3	7.3	70.5	0.00
3/7/2015 6:00	1094	5.0	64.1	12.3	7.7	69.0	0.00
3/7/2015 7:00	1095	4.4	62.2	14.0	7.6	70.4	0.00
3/7/2015 8:00	1096	3.9	65.8	10.5	7.9	65.4	0.00
3/7/2015 9:00	1097	2.0	92.4	34.1	14.2	54.1	0.00
3/7/2015 10:00	1098	2.5	53.7	71.3	23.3	49.4	0.00
3/7/2015 11:00	1099	4.0	139.3	49.3	28.3	42.3	0.00
3/7/2015 12:00	1100	4.4	163.5	53.2	31.8	44.1	0.00
3/7/2015 13:00	1101	6.1	186.4	19.4	31.1	45.1	0.00
3/7/2015 14:00	1102	5.0	178.7	26.7	31.9	41.1	0.00
3/7/2015 15:00	1103	4.6	165.2	20.4	33.2	41.1	0.00
3/7/2015 16:00	1104	4.8	180.4	25.1	35.4	43.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
3/7/2015 17:00	1105	5.7	204.6	22.3	35.9	51.9	0.00
3/7/2015 18:00	1106	6.5	203.7	20.4	35.9	57.2	0.00
3/7/2015 19:00	1107	4.4	199.9	19.2	34.8	63.2	0.00
3/7/2015 20:00	1108	4.8	189.6	15.6	34.5	70.5	0.00
3/7/2015 21:00	1109	4.7	194.3	23.4	35.0	65.3	0.00
3/7/2015 22:00	1110	3.5	229.2	36.4	37.7	65.2	0.00
3/7/2015 23:00	1111	2.3	99.4	87.3	36.8	74.1	0.00
3/8/2015 0:00	1112	4.0	54.1	33.0	34.4	78.5	0.00
3/8/2015 1:00	1113	3.4	53.4	53.0	33.0	81.4	0.00
3/8/2015 2:00	1114	1.9	46.4	50.9	31.8	85.8	0.00
3/8/2015 3:00	1115	2.9	43.8	33.4	31.2	85.2	0.00
3/8/2015 4:00	1116	3.9	47.3	22.6	31.2	84.6	0.00
3/8/2015 5:00	1117	3.1	50.7	33.2	31.5	83.0	0.00
3/8/2015 6:00	1118	2.2	61.4	50.4	31.8	83.5	0.00
3/8/2015 7:00	1119	3.8	189.6	19.4	36.8	66.6	0.00
3/8/2015 8:00	1120	5.3	194.8	19.5	38.9	61.8	0.00
3/8/2015 9:00	1121	7.1	221.7	24.6	40.5	61.8	0.00
3/8/2015 10:00	1122	5.2	306.8	73.8	34.4	90.0	0.01
3/8/2015 11:00	1123	2.3	179.2	52.5	34.9	72.4	0.00
3/8/2015 12:00	1124	5.3	280.7	58.8	39.8	38.2	0.00
3/8/2015 13:00	1125	7.5	295.0	47.6	41.5	37.2	0.00
3/8/2015 14:00	1126	7.0	302.8	42.1	42.6	34.2	0.00
3/8/2015 15:00	1127	6.3	318.1	40.2	43.8	32.1	0.00
3/8/2015 16:00	1128	6.5	308.2	37.7	44.6	31.9	0.00
3/8/2015 17:00	1129	4.7	306.6	41.4	44.4	33.9	0.00
3/8/2015 18:00	1130	2.9	326.2	42.2	43.4	37.3	0.00
3/8/2015 19:00	1131	1.6	43.4	75.3	36.4	66.6	0.00
3/8/2015 20:00	1132	2.0	68.3	53.5	32.4	74.3	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
3/8/2015 21:00	1133	2.0	67.4	46.8	28.9	75.9	0.00
3/8/2015 22:00	1134	1.9	73.4	43.2	27.1	82.6	0.00
3/8/2015 23:00	1135	2.4	41.3	27.3	25.2	84.2	0.00
3/9/2015 0:00	1136	2.5	89.1	60.2	24.6	86.6	0.00
3/9/2015 1:00	1137	2.7	52.5	35.0	23.8	85.4	0.00
3/9/2015 2:00	1138	2.6	78.8	41.7	22.9	85.5	0.00
3/9/2015 3:00	1139	4.1	75.9	23.5	24.3	80.5	0.00
3/9/2015 4:00	1140	3.9	77.3	23.1	25.2	80.3	0.00
3/9/2015 5:00	1141	3.3	75.6	23.9	25.4	80.3	0.00
3/9/2015 6:00	1142	4.2	65.9	27.3	24.6	84.3	0.00
3/9/2015 7:00	1143	3.0	51.4	32.1	22.8	87.1	0.00
3/9/2015 8:00	1144	3.0	73.8	39.3	22.6	76.7	0.00
3/9/2015 9:00	1145	2.1	106.1	58.4	29.1	68.6	0.00
3/9/2015 10:00	1146	2.0	125.3	75.1	38.8	47.0	0.00
3/9/2015 11:00	1147	3.7	289.0	64.2	45.5	45.4	0.00
3/9/2015 12:00	1148	4.9	319.3	44.4	45.9	44.3	0.00
3/9/2015 13:00	1149	4.5	287.3	33.2	46.7	40.4	0.00
3/9/2015 14:00	1150	4.6	300.5	39.7	48.2	36.0	0.00
3/9/2015 15:00	1151	4.1	278.2	35.0	49.3	34.7	0.00
3/9/2015 16:00	1152	4.7	353.6	42.7	49.7	36.2	0.00
3/9/2015 17:00	1153	4.2	24.3	21.4	49.0	33.2	0.00
3/9/2015 18:00	1154	1.7	54.2	92.9	45.7	57.8	0.00
3/9/2015 19:00	1155	1.6	113.1	46.6	37.7	70.7	0.00
3/9/2015 20:00	1156	1.8	59.1	41.0	33.8	77.1	0.00
3/9/2015 21:00	1157	1.8	71.9	54.4	31.1	81.4	0.00
3/9/2015 22:00	1158	2.5	55.8	28.0	29.5	82.2	0.00
3/9/2015 23:00	1159	2.8	61.1	34.5	28.2	84.3	0.00
3/10/2015 0:00	1160	2.5	34.4	24.0	26.7	88.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
3/10/2015 1:00	1161	3.0	47.1	40.2	25.9	86.4	0.00
3/10/2015 2:00	1162	2.3	64.7	50.4	25.1	89.8	0.00
3/10/2015 3:00	1163	2.3	74.1	48.6	24.6	91.0	0.00
3/10/2015 4:00	1164	2.2	66.7	60.2	23.9	91.8	0.00
3/10/2015 5:00	1165	3.0	51.6	25.8	23.9	90.4	0.00
3/10/2015 6:00	1166	2.1	73.8	40.4	22.9	90.7	0.00
3/10/2015 7:00	1167	2.6	84.8	20.7	23.2	88.4	0.00
3/10/2015 8:00	1168	3.1	79.8	21.4	24.6	82.2	0.00
3/10/2015 9:00	1169	2.7	87.9	33.9	28.1	75.6	0.00
3/10/2015 10:00	1170	1.5	148.3	71.7	33.1	62.7	0.00
3/10/2015 11:00	1171	2.4	153.7	90.2	41.1	46.2	0.00
3/10/2015 12:00	1172	6.9	167.0	24.2	50.1	43.6	0.00
3/10/2015 13:00	1173	5.9	176.7	22.2	50.9	42.1	0.00
3/10/2015 14:00	1174	4.7	162.4	24.1	51.4	42.4	0.00
3/10/2015 15:00	1175	3.5	149.8	29.3	51.0	51.6	0.00
3/10/2015 16:00	1176	5.5	142.3	29.6	48.5	67.6	0.00
3/10/2015 17:00	1177	5.8	149.2	22.2	46.1	81.5	0.00
3/10/2015 18:00	1178	5.0	144.9	19.1	44.3	89.1	0.02
3/10/2015 19:00	1179	5.0	143.5	48.5	42.5	95.2	0.02
3/10/2015 20:00	1180	1.7	35.4	44.2	39.1	97.4	0.01
3/10/2015 21:00	1181	2.4	76.7	61.2	37.7	98.2	0.05999999
3/10/2015 22:00	1182	2.1	31.9	59.2	37.0	98.8	0.04
3/10/2015 23:00	1183	2.7	55.1	59.8	36.8	99.1	0.01
3/11/2015 0:00	1184	2.5	30.9	45.6	36.3	99.4	0.00
3/11/2015 1:00	1185	2.1	20.3	71.8	35.9	99.3	0.00
3/11/2015 2:00	1186	2.0	52.6	77.2	35.6	99.5	0.00
3/11/2015 3:00	1187	2.2	52.2	51.0	35.1	99.6	0.00
3/11/2015 4:00	1188	2.5	64.7	45.2	35.1	99.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
3/11/2015 5:00	1189	2.0	89.9	62.2	34.8	100.0	0.00
3/11/2015 6:00	1190	1.2	108.0	68.7	34.6	99.9	0.00
3/11/2015 7:00	1191	1.5	50.5	85.0	34.7	99.9	0.01
3/11/2015 8:00	1192	1.8	80.1	36.2	35.6	99.9	0.00
3/11/2015 9:00	1193	3.0	60.3	42.3	37.1	100.0	0.00
3/11/2015 10:00	1194	1.1	208.6	56.3	39.2	99.2	0.00
3/11/2015 11:00	1195	2.6	168.0	32.7	43.3	84.1	0.00
3/11/2015 12:00	1196	4.1	283.3	72.9	51.8	51.9	0.00
03/11/15 13:00	1197	5.7	298.1	38.2	54.1	48.2	0.00
03/11/15 14:00	1198	6.6	309.6	41.0	54.9	46.9	0.00
03/11/15 15:00	1199	7.3	294.2	44.7	55.4	43.8	0.00
03/11/15 16:00	1200	6.4	284.3	40.5	55.6	43.8	0.00
03/11/15 17:00	1201	4.7	324.6	53.6	55.1	30.2	0.00
03/11/15 18:00	1202	5.8	0.4	23.7	53.3	33.6	0.00
03/11/15 19:00	1203	5.0	26.2	20.3	48.2	49.4	0.00
03/11/15 20:00	1204	4.8	29.7	18.7	39.2	70.1	0.00
03/11/15 21:00	1205	4.8	35.8	14.0	35.3	68.6	0.00
03/11/15 22:00	1206	3.0	27.5	49.1	33.8	44.0	0.00
03/11/15 23:00	1207	5.0	335.2	43.8	41.8	41.6	0.00
03/12/15 00:00	1208	3.5	340.1	50.3	41.0	47.0	0.00
03/12/15 01:00	1209	2.8	349.3	53.1	39.6	49.9	0.00
03/12/15 02:00	1210	4.4	330.2	52.2	39.3	52.0	0.00
03/12/15 03:00	1211	5.5	332.6	35.2	38.7	53.0	0.00
03/12/15 04:00	1212	6.1	336.6	33.5	37.7	54.3	0.00
03/12/15 05:00	1213	7.8	344.8	25.3	36.6	56.1	0.00
03/12/15 06:00	1214	8.3	345.1	23.7	35.5	49.9	0.00
03/12/15 07:00	1215	7.9	350.5	21.3	34.5	46.6	0.00
03/12/15 08:00	1216	8.0	347.7	24.8	35.1	41.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/12/15 09:00	1217	9.8	344.3	25.6	36.9	32.7	0.00
03/12/15 10:00	1218	9.8	346.9	27.9	38.4	27.3	0.00
03/12/15 11:00	1219	9.3	335.7	33.1	39.7	26.3	0.00
03/12/15 12:00	1220	11.2	344.6	27.6	40.6	20.1	0.00
03/12/15 13:00	1221	10.5	333.2	31.9	40.5	20.6	0.00
03/12/15 14:00	1222	12.4	349.2	25.9	40.9	20.1	0.00
03/12/15 15:00	1223	9.1	342.7	29.5	41.8	19.5	0.00
03/12/15 16:00	1224	8.0	352.5	29.9	42.3	21.6	0.00
03/12/15 17:00	1225	5.9	345.4	33.7	41.6	18.6	0.00
03/12/15 18:00	1226	5.6	339.2	36.8	39.9	21.4	0.00
03/12/15 19:00	1227	5.8	14.6	13.2	36.5	30.2	0.00
03/12/15 20:00	1228	3.5	355.4	19.7	33.4	38.6	0.00
03/12/15 21:00	1229	3.4	20.3	18.4	29.6	54.4	0.00
03/12/15 22:00	1230	2.9	14.2	49.5	27.4	58.2	0.00
03/12/15 23:00	1231	1.9	28.3	44.1	26.2	63.6	0.00
03/13/15 00:00	1232	3.6	33.5	13.3	25.3	62.0	0.00
03/13/15 01:00	1233	2.4	50.6	35.2	24.4	71.6	0.00
03/13/15 02:00	1234	2.9	32.0	16.0	23.1	70.4	0.00
03/13/15 03:00	1235	3.0	57.4	30.0	22.9	72.7	0.00
03/13/15 04:00	1236	2.9	68.3	31.4	22.3	73.9	0.00
03/13/15 05:00	1237	4.6	66.4	13.6	21.9	68.1	0.00
03/13/15 06:00	1238	4.4	63.9	14.9	21.4	74.3	0.00
03/13/15 07:00	1239	4.3	55.6	30.8	21.1	73.1	0.00
03/13/15 08:00	1240	2.6	107.3	37.6	23.2	56.2	0.00
03/13/15 09:00	1241	1.5	74.7	82.5	29.4	36.7	0.00
03/13/15 10:00	1242	4.8	149.5	42.3	35.7	20.2	0.00
03/13/15 11:00	1243	6.1	154.8	31.8	39.0	17.7	0.00
03/13/15 12:00	1244	6.3	174.6	28.2	43.2	17.3	0.00

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03/13/15 13:00	1245	7.6	172.6	22.3	45.3	22.0	0.00
03/13/15 14:00	1246	8.2	171.8	21.1	46.3	20.2	0.00
03/13/15 15:00	1247	8.0	160.2	21.6	46.2	21.8	0.00
03/13/15 16:00	1248	8.0	158.4	18.4	44.9	24.6	0.00
03/13/15 17:00	1249	8.5	167.9	20.0	43.3	26.4	0.00
03/13/15 18:00	1250	7.3	167.3	21.5	41.8	28.5	0.00
03/13/15 19:00	1251	7.3	146.4	18.2	40.6	31.8	0.00
03/13/15 20:00	1252	7.8	142.1	18.1	40.2	35.7	0.00
03/13/15 21:00	1253	8.1	144.1	15.8	39.8	38.4	0.00
03/13/15 22:00	1254	6.8	141.0	26.1	39.7	41.6	0.00
03/13/15 23:00	1255	7.1	152.8	28.0	40.0	44.8	0.00
03/14/15 00:00	1256	6.7	141.1	23.0	40.3	48.3	0.00
03/14/15 01:00	1257	6.5	145.5	35.1	40.1	54.4	0.00
03/14/15 02:00	1258	8.3	142.3	22.5	39.7	63.6	0.00
03/14/15 03:00	1259	9.0	130.5	20.1	38.7	80.4	0.00
03/14/15 04:00	1260	8.9	117.6	16.0	37.5	85.9	0.00
03/14/15 05:00	1261	9.4	124.5	16.6	37.2	89.1	0.04
03/14/15 06:00	1262	8.9	129.7	16.7	37.3	90.2	0.02
03/14/15 07:00	1263	8.6	135.7	16.0	37.5	90.1	0.02
03/14/15 08:00	1264	9.5	136.8	16.1	38.1	89.5	0.03
03/14/15 09:00	1265	5.7	126.9	24.7	38.2	91.2	0.02
03/14/15 10:00	1266	8.3	138.4	14.8	38.7	91.2	0.03
03/14/15 11:00	1267	8.4	142.4	16.2	39.7	90.3	0.05
03/14/15 12:00	1268	9.2	148.5	15.3	41.0	88.3	0.04
03/14/15 13:00	1269	6.5	155.6	21.4	42.3	87.7	0.00
03/14/15 14:00	1270	5.0	155.5	37.1	43.2	87.6	0.00
03/14/15 15:00	1271	7.6	138.6	14.6	43.2	87.5	0.00
03/14/15 16:00	1272	5.7	138.0	20.6	43.3	87.2	0.00

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03/14/15 17:00	1273	8.2	144.4	13.9	43.1	88.0	0.00
03/14/15 18:00	1274	5.6	164.0	71.6	42.5	91.2	0.00
03/14/15 19:00	1275	1.2	144.1	99.8	41.1	94.5	0.00
03/14/15 20:00	1276	1.4	67.3	79.1	39.6	95.7	0.00
03/14/15 21:00	1277	1.5	39.0	64.3	38.6	96.3	0.00
03/14/15 22:00	1278	2.5	259.4	99.9	38.5	87.2	0.00
03/14/15 23:00	1279	5.1	303.9	46.7	43.9	71.7	0.00
03/15/15 00:00	1280	4.9	317.2	46.9	42.3	69.6	0.00
03/15/15 01:00	1281	3.1	321.7	60.6	41.1	71.4	0.00
03/15/15 02:00	1282	4.9	280.8	55.0	40.5	60.7	0.00
03/15/15 03:00	1283	2.1	209.5	79.9	39.6	64.0	0.00
03/15/15 04:00	1284	2.3	298.5	86.9	39.3	66.1	0.00
03/15/15 05:00	1285	4.2	297.2	56.9	39.7	65.4	0.00
03/15/15 06:00	1286	6.5	299.1	57.9	39.4	63.1	0.00
03/15/15 07:00	1287	7.1	300.4	47.6	38.6	64.6	0.00
03/15/15 08:00	1288	7.0	304.9	45.8	37.7	68.1	0.00
03/15/15 09:00	1289	7.3	313.1	41.6	37.3	70.9	0.00
03/15/15 10:00	1290	7.3	308.4	42.6	36.8	71.2	0.00
03/15/15 11:00	1291	6.6	311.0	40.6	36.2	71.1	0.00
03/15/15 12:00	1292	6.8	319.6	43.8	35.8	71.0	0.00
03/15/15 13:00	1293	7.4	315.0	37.0	35.9	71.0	0.01
03/15/15 14:00	1294	8.6	318.4	39.6	36.5	65.5	0.00
03/15/15 15:00	1295	8.5	329.6	39.1	36.4	67.6	0.00
03/15/15 16:00	1296	7.7	321.3	40.3	36.0	68.0	0.00
03/15/15 17:00	1297	7.8	326.7	36.8	35.9	66.6	0.00
03/15/15 18:00	1298	6.5	340.7	37.4	35.9	66.9	0.00
03/15/15 19:00	1299	8.2	341.7	28.9	36.0	66.8	0.00
03/15/15 20:00	1300	7.8	348.5	24.7	36.1	66.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/15/15 21:00	1301	6.7	348.2	25.0	36.2	65.2	0.00
03/15/15 22:00	1302	4.7	349.3	35.3	36.3	64.4	0.00
03/15/15 23:00	1303	3.4	336.6	49.8	36.3	65.7	0.00
03/16/15 00:00	1304	3.5	336.3	35.1	36.3	65.1	0.00
03/16/15 01:00	1305	3.5	341.4	34.3	36.3	65.6	0.00
03/16/15 02:00	1306	3.1	332.0	37.8	36.0	67.5	0.00
03/16/15 03:00	1307	3.2	303.5	46.4	34.8	70.9	0.00
03/16/15 04:00	1308	2.0	11.8	52.8	33.1	76.4	0.00
03/16/15 05:00	1309	2.1	17.9	25.8	29.7	86.2	0.00
03/16/15 06:00	1310	2.4	37.7	47.7	28.7	89.6	0.00
03/16/15 07:00	1311	1.8	65.8	65.5	28.7	87.6	0.00
03/16/15 08:00	1312	0.8	63.8	84.0	31.0	74.8	0.00
03/16/15 09:00	1313	1.6	289.6	90.4	34.9	68.2	0.00
03/16/15 10:00	1314	2.8	163.0	84.9	38.1	60.9	0.00
03/16/15 11:00	1315	4.1	145.8	49.2	41.2	56.5	0.00
03/16/15 12:00	1316	5.9	150.4	18.9	43.4	53.3	0.00
03/16/15 13:00	1317	5.9	141.6	22.0	44.7	51.8	0.00
03/16/15 14:00	1318	5.1	160.2	24.3	46.5	51.8	0.00
03/16/15 15:00	1319	3.5	151.1	29.7	48.3	44.7	0.00
03/16/15 16:00	1320	1.9	236.2	65.5	51.5	43.1	0.00
03/16/15 17:00	1321	1.6	192.3	52.2	51.7	46.3	0.00
03/16/15 18:00	1322	1.2	273.4	55.8	49.3	57.6	0.00
03/16/15 19:00	1323	1.4	6.3	68.7	43.9	68.9	0.00
03/16/15 20:00	1324	1.5	124.0	57.2	40.1	75.8	0.00
03/16/15 21:00	1325	1.3	46.4	45.0	39.1	80.6	0.00
03/16/15 22:00	1326	2.5	64.4	38.2	38.2	82.3	0.00
03/16/15 23:00	1327	1.7	38.3	68.1	37.7	85.2	0.00
03/17/15 00:00	1328	1.6	78.6	83.6	36.7	92.5	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/17/15 01:00	1329	3.1	57.7	44.8	36.4	89.2	0.00
03/17/15 02:00	1330	2.3	70.4	59.9	36.6	91.8	0.00
03/17/15 03:00	1331	2.5	72.8	42.5	36.5	93.2	0.00
03/17/15 04:00	1332	3.7	58.3	23.1	36.9	87.3	0.00
03/17/15 05:00	1333	2.5	68.9	69.5	36.3	96.4	0.05
03/17/15 06:00	1334	2.2	41.5	37.7	36.4	97.5	0.03
03/17/15 07:00	1335	3.0	32.5	31.1	36.8	97.6	0.02
03/17/15 08:00	1336	1.5	359.8	47.2	38.3	97.1	0.00
03/17/15 09:00	1337	1.4	6.7	69.7	40.9	95.1	0.01
03/17/15 10:00	1338	5.3	339.1	46.8	45.7	81.6	0.00
03/17/15 11:00	1339	7.6	323.1	40.9	46.7	69.4	0.00
03/17/15 12:00	1340	9.4	315.9	38.8	46.5	68.2	0.00
03/17/15 13:00	1341	9.9	317.7	36.7	46.5	64.5	0.00
03/17/15 14:00	1342	11.0	335.3	32.7	42.7	71.8	0.00
03/17/15 15:00	1343	10.9	348.6	25.9	38.0	52.7	0.00
03/17/15 16:00	1344	11.1	341.9	27.4	38.7	35.8	0.00
03/17/15 17:00	1345	11.2	341.2	26.4	37.5	39.7	0.00
03/17/15 18:00	1346	10.5	347.6	23.2	35.6	32.7	0.00
03/17/15 19:00	1347	9.1	337.5	29.3	33.5	35.8	0.00
03/17/15 20:00	1348	7.0	345.8	28.7	32.3	29.9	0.00
03/17/15 21:00	1349	6.3	346.8	25.3	31.7	33.2	0.00
03/17/15 22:00	1350	5.0	347.3	31.6	31.2	37.3	0.00
03/17/15 23:00	1351	8.6	313.3	40.3	31.2	34.1	0.00
03/18/15 00:00	1352	9.0	319.3	35.1	30.2	38.7	0.00
03/18/15 01:00	1353	6.5	316.8	43.9	29.6	45.0	0.00
03/18/15 02:00	1354	6.8	299.6	39.3	28.1	54.4	0.00
03/18/15 03:00	1355	6.8	313.9	40.3	27.3	49.9	0.00
03/18/15 04:00	1356	6.5	333.4	34.9	26.5	45.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/18/15 05:00	1357	6.7	331.5	36.9	25.9	44.9	0.00
03/18/15 06:00	1358	6.2	318.1	43.8	25.6	45.6	0.00
03/18/15 07:00	1359	6.7	309.4	39.0	25.5	47.0	0.00
03/18/15 08:00	1360	7.2	307.4	41.4	26.6	45.2	0.00
03/18/15 09:00	1361	7.3	302.7	35.6	28.3	44.7	0.00
03/18/15 10:00	1362	7.5	292.5	37.5	29.2	39.9	0.00
03/18/15 11:00	1363	9.6	294.5	36.7	30.0	37.0	0.00
03/18/15 12:00	1364	9.2	312.5	38.4	31.9	32.8	0.00
03/18/15 13:00	1365	10.1	304.8	37.3	34.2	28.4	0.00
03/18/15 14:00	1366	10.3	320.9	39.1	35.4	25.7	0.00
03/18/15 15:00	1367	9.5	308.6	44.7	36.6	26.3	0.00
03/18/15 16:00	1368	9.8	309.6	39.8	36.5	30.3	0.00
03/18/15 17:00	1369	8.3	319.0	41.8	35.9	32.5	0.00
03/18/15 18:00	1370	7.9	351.6	27.1	34.1	36.9	0.00
03/18/15 19:00	1371	5.8	3.0	19.3	32.7	41.8	0.00
03/18/15 20:00	1372	4.8	8.9	19.5	31.7	48.5	0.00
03/18/15 21:00	1373	4.0	8.2	24.6	30.8	58.9	0.00
03/18/15 22:00	1374	5.5	42.6	15.5	28.7	70.9	0.00
03/18/15 23:00	1375	4.5	23.5	22.6	27.6	78.1	0.00
03/19/15 00:00	1376	1.9	350.4	35.8	26.6	78.6	0.00
03/19/15 01:00	1377	3.6	36.1	13.7	23.9	85.3	0.00
03/19/15 02:00	1378	4.8	38.4	17.1	22.5	88.5	0.00
03/19/15 03:00	1379	4.3	40.3	19.1	21.4	86.0	0.00
03/19/15 04:00	1380	3.2	28.6	27.8	21.9	66.2	0.00
03/19/15 05:00	1381	2.8	0.7	41.0	23.4	63.2	0.00
03/19/15 06:00	1382	3.2	354.2	30.4	23.2	59.8	0.00
03/19/15 07:00	1383	2.1	35.0	31.4	21.8	65.3	0.00
03/19/15 08:00	1384	4.3	319.0	40.8	25.0	48.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/19/15 09:00	1385	4.8	334.5	36.6	27.8	39.2	0.00
03/19/15 10:00	1386	7.0	340.5	29.9	30.3	31.2	0.00
03/19/15 11:00	1387	7.1	345.4	31.8	32.0	30.1	0.00
03/19/15 12:00	1388	6.5	339.5	39.8	34.0	29.8	0.00
03/19/15 13:00	1389	6.5	314.5	42.5	35.5	29.3	0.00
03/19/15 14:00	1390	5.7	330.1	38.7	37.6	26.5	0.00
03/19/15 15:00	1391	5.6	337.2	43.7	38.9	23.7	0.00
03/19/15 16:00	1392	7.4	355.4	34.2	39.2	21.9	0.00
03/19/15 17:00	1393	4.7	348.0	39.8	39.4	24.1	0.00
03/19/15 18:00	1394	5.2	10.9	16.7	38.1	26.3	0.00
03/19/15 19:00	1395	3.4	32.8	11.4	34.0	47.0	0.00
03/19/15 20:00	1396	2.6	71.5	23.7	30.4	50.7	0.00
03/19/15 21:00	1397	3.0	70.0	60.3	27.4	51.4	0.00
03/19/15 22:00	1398	2.9	42.2	19.5	26.9	60.9	0.00
03/19/15 23:00	1399	2.0	70.3	37.6	26.2	65.3	0.00
03/20/15 00:00	1400	3.0	60.2	24.1	25.7	65.2	0.00
03/20/15 01:00	1401	4.8	67.7	11.1	25.6	58.6	0.00
03/20/15 02:00	1402	4.4	59.3	20.7	26.2	59.5	0.00
03/20/15 03:00	1403	1.9	79.9	36.1	26.1	57.6	0.00
03/20/15 04:00	1404	2.9	61.5	16.2	26.4	61.2	0.00
03/20/15 05:00	1405	2.5	30.7	48.0	26.9	54.8	0.00
03/20/15 06:00	1406	3.9	57.9	15.1	28.1	47.3	0.00
03/20/15 07:00	1407	2.8	97.7	48.8	29.6	41.8	0.00
03/20/15 08:00	1408	6.1	187.3	23.9	30.1	77.0	0.00
03/20/15 09:00	1409	3.8	162.5	62.7	28.6	83.8	0.00
03/20/15 10:00	1410	2.6	206.8	52.9	28.9	86.4	0.00
03/20/15 11:00	1411	4.4	189.8	34.1	29.2	85.7	0.00
03/20/15 12:00	1412	2.6	31.8	95.5	29.8	87.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/20/15 13:00	1413	2.0	221.6	78.7	30.6	82.9	0.00
03/20/15 14:00	1414	1.4	219.2	68.9	31.4	87.0	0.01
03/20/15 15:00	1415	1.6	245.0	64.8	31.7	90.0	0.01
03/20/15 16:00	1416	2.2	52.1	79.5	31.9	87.5	0.04
03/20/15 17:00	1417	2.7	35.6	25.8	31.2	89.2	0.03
03/20/15 18:00	1418	1.8	57.6	25.4	31.0	90.5	0.01
03/20/15 19:00	1419	2.1	59.4	19.9	30.8	91.5	0.00
03/20/15 20:00	1420	1.4	57.7	38.6	30.6	91.6	0.00
03/20/15 21:00	1421	1.3	40.8	72.3	30.5	92.7	0.00
03/20/15 22:00	1422	1.8	22.3	39.5	30.5	89.3	0.00
03/20/15 23:00	1423	2.5	67.7	27.6	30.6	89.6	0.00
03/21/15 00:00	1424	1.6	321.9	37.3	30.4	88.0	0.00
03/21/15 01:00	1425	1.6	352.9	53.4	30.5	89.2	0.00
03/21/15 02:00	1426	1.5	347.1	41.6	30.2	89.1	0.00
03/21/15 03:00	1427	1.5	338.9	55.3	30.1	90.1	0.00
03/21/15 04:00	1428	0.9	289.4	70.3	29.8	92.4	0.00
03/21/15 05:00	1429	1.1	333.4	86.8	29.9	92.3	0.00
03/21/15 06:00	1430	1.3	355.8	56.1	29.6	93.9	0.00
03/21/15 07:00	1431	1.7	11.7	55.9	29.2	93.0	0.00
03/21/15 08:00	1432	1.8	302.6	38.7	31.0	92.8	0.00
03/21/15 09:00	1433	1.9	319.9	42.0	32.2	88.4	0.00
03/21/15 10:00	1434	4.3	136.7	33.9	34.3	83.5	0.04
03/21/15 11:00	1435	6.3	135.6	22.7	35.8	79.2	0.06
03/21/15 12:00	1436	7.0	142.8	19.8	37.6	77.9	0.07
03/21/15 13:00	1437	4.0	163.0	54.3	39.2	75.9	0.01
03/21/15 14:00	1438	2.1	320.7	61.8	40.0	78.7	0.00
03/21/15 15:00	1439	2.1	350.6	80.0	40.8	76.9	0.00
03/21/15 16:00	1440	1.5	213.9	71.8	40.4	82.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/21/15 17:00	1441	4.7	218.0	46.7	43.4	74.1	0.00
03/21/15 18:00	1442	2.8	146.8	82.8	42.1	93.9	0.03
03/21/15 19:00	1443	2.6	30.2	62.0	41.2	87.7	0.01
03/21/15 20:00	1444	3.2	293.6	78.4	40.8	91.1	0.00
03/21/15 21:00	1445	3.5	1.1	49.4	39.4	74.5	0.00
03/21/15 22:00	1446	5.6	329.8	46.8	39.3	54.2	0.00
03/21/15 23:00	1447	4.8	302.9	55.8	37.6	46.1	0.00
03/22/15 00:00	1448	6.0	312.1	45.9	36.1	47.7	0.00
03/22/15 01:00	1449	5.2	320.8	39.2	34.2	45.4	0.00
03/22/15 02:00	1450	5.5	335.9	33.1	32.7	46.1	0.00
03/22/15 03:00	1451	6.3	351.4	23.3	30.9	44.7	0.00
03/22/15 04:00	1452	6.3	1.5	23.1	29.5	44.7	0.00
03/22/15 05:00	1453	6.2	351.8	27.5	28.1	46.0	0.00
03/22/15 06:00	1454	5.6	353.1	31.1	26.9	52.0	0.00
03/22/15 07:00	1455	6.3	330.8	41.0	25.8	51.2	0.00
03/22/15 08:00	1456	5.9	308.1	43.1	26.3	48.7	0.00
03/22/15 09:00	1457	7.6	301.1	40.3	27.5	43.7	0.00
03/22/15 10:00	1458	7.1	306.3	48.4	28.8	48.9	0.00
03/22/15 11:00	1459	7.7	303.2	39.4	29.8	50.3	0.00
03/22/15 12:00	1460	9.7	331.7	34.9	30.3	46.5	0.00
03/22/15 13:00	1461	8.1	315.0	37.1	31.0	45.2	0.00
03/22/15 14:00	1462	8.0	299.6	34.7	30.7	38.1	0.00
03/22/15 15:00	1463	7.1	309.7	39.0	32.8	37.8	0.00
03/22/15 16:00	1464	7.3	314.0	45.5	33.2	37.6	0.00
03/22/15 17:00	1465	6.4	318.5	40.0	33.0	37.7	0.00
03/22/15 18:00	1466	5.8	350.0	28.5	32.2	38.5	0.00
03/22/15 19:00	1467	5.0	2.4	22.2	30.0	40.6	0.00
03/22/15 20:00	1468	5.5	9.4	17.9	28.2	43.2	0.00

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03/22/15 21:00	1469	7.3	11.2	14.6	25.6	47.9	0.00
03/22/15 22:00	1470	3.4	3.9	18.9	23.5	54.3	0.00
03/22/15 23:00	1471	5.0	35.8	15.0	22.6	56.1	0.00
03/23/15 00:00	1472	6.3	34.7	12.4	22.2	53.7	0.00
03/23/15 01:00	1473	4.6	354.9	40.3	23.0	59.5	0.00
03/23/15 02:00	1474	5.1	30.9	11.3	21.8	60.6	0.00
03/23/15 03:00	1475	4.7	39.8	17.7	21.7	57.5	0.00
03/23/15 04:00	1476	4.2	345.6	45.2	22.7	52.4	0.00
03/23/15 05:00	1477	6.5	348.6	27.4	22.2	55.0	0.00
03/23/15 06:00	1478	3.7	351.9	30.1	21.3	53.3	0.00
03/23/15 07:00	1479	3.7	350.7	32.9	21.5	52.9	0.00
03/23/15 08:00	1480	5.1	332.0	33.3	24.3	46.0	0.00
03/23/15 09:00	1481	7.4	326.2	36.4	25.4	47.6	0.00
03/23/15 10:00	1482	8.1	341.6	33.9	26.2	43.6	0.00
03/23/15 11:00	1483	8.2	334.7	32.9	27.0	41.3	0.00
03/23/15 12:00	1484	9.4	348.3	29.4	28.1	37.9	0.00
03/23/15 13:00	1485	7.2	334.2	36.2	29.3	35.0	0.00
03/23/15 14:00	1486	7.4	319.0	42.1	30.1	33.4	0.00
03/23/15 15:00	1487	6.8	325.2	42.7	31.5	32.0	0.00
03/23/15 16:00	1488	6.7	341.7	32.6	32.5	31.2	0.00
03/23/15 17:00	1489	5.9	333.0	43.7	32.2	29.9	0.00
03/23/15 18:00	1490	5.9	356.5	28.9	31.0	33.4	0.00
03/23/15 19:00	1491	7.5	20.9	10.8	28.5	35.4	0.00
03/23/15 20:00	1492	7.4	21.7	12.3	27.3	34.5	0.00
03/23/15 21:00	1493	5.4	9.1	18.6	26.0	35.8	0.00
03/23/15 22:00	1494	5.0	355.1	17.8	24.8	40.0	0.00
03/23/15 23:00	1495	6.0	7.7	16.9	23.8	39.2	0.00
03/24/15 00:00	1496	5.0	353.4	18.0	23.1	38.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/24/15 01:00	1497	4.0	344.0	24.3	22.6	42.3	0.00
03/24/15 02:00	1498	3.9	337.7	29.7	21.6	40.4	0.00
03/24/15 03:00	1499	3.9	5.5	18.8	20.6	47.3	0.00
03/24/15 04:00	1500	2.8	8.7	20.7	19.6	49.9	0.00
03/24/15 05:00	1501	3.2	41.7	14.7	18.7	54.7	0.00
03/24/15 06:00	1502	4.7	49.3	13.4	17.3	61.8	0.00
03/24/15 07:00	1503	5.2	54.9	15.4	16.9	52.6	0.00
03/24/15 08:00	1504	3.7	6.9	42.0	21.1	39.3	0.00
03/24/15 09:00	1505	4.1	352.2	50.1	23.1	39.4	0.00
03/24/15 10:00	1506	3.6	243.4	35.4	25.1	40.3	0.00
03/24/15 11:00	1507	5.0	240.2	26.2	28.6	40.1	0.00
03/24/15 12:00	1508	3.4	233.2	38.9	31.6	38.5	0.00
03/24/15 13:00	1509	4.0	233.0	39.2	35.0	36.4	0.00
03/24/15 14:00	1510	4.7	230.4	48.4	38.6	31.9	0.00
03/24/15 15:00	1511	4.6	240.1	35.7	41.1	31.0	0.00
03/24/15 16:00	1512	4.6	276.7	66.4	42.6	29.1	0.00
03/24/15 17:00	1513	4.4	313.1	63.9	42.9	29.6	0.00
03/24/15 18:00	1514	4.4	353.2	25.3	41.9	32.1	0.00
03/24/15 19:00	1515	2.3	20.2	28.1	36.9	59.3	0.00
03/24/15 20:00	1516	2.5	63.8	31.7	31.0	64.7	0.00
03/24/15 21:00	1517	3.6	70.5	31.0	29.7	65.3	0.00
03/24/15 22:00	1518	1.9	32.3	17.5	27.1	77.0	0.00
03/24/15 23:00	1519	2.8	47.0	12.5	25.4	78.3	0.00
03/25/15 00:00	1520	3.4	65.3	32.1	24.3	75.4	0.00
03/25/15 01:00	1521	3.9	67.5	16.6	23.9	78.0	0.00
03/25/15 02:00	1522	3.7	67.6	28.1	22.7	82.6	0.00
03/25/15 03:00	1523	4.7	63.1	9.9	21.5	84.4	0.00
03/25/15 04:00	1524	4.5	67.3	8.9	20.7	86.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/25/15 05:00	1525	4.7	69.3	9.0	19.9	85.1	0.00
03/25/15 06:00	1526	4.2	63.8	10.2	19.2	87.0	0.00
03/25/15 07:00	1527	4.2	67.9	11.0	19.1	82.7	0.00
03/25/15 08:00	1528	3.0	47.8	45.2	23.1	74.7	0.00
03/25/15 09:00	1529	4.6	110.3	65.3	31.2	42.7	0.00
03/25/15 10:00	1530	9.2	166.6	24.6	40.7	35.2	0.00
03/25/15 11:00	1531	11.2	166.3	17.5	42.7	32.6	0.00
03/25/15 12:00	1532	9.5	172.1	26.0	41.9	34.1	0.00
03/25/15 13:00	1533	8.0	178.2	31.4	40.2	45.9	0.00
03/25/15 14:00	1534	8.0	178.3	27.6	38.2	59.8	0.00
03/25/15 15:00	1535	7.6	168.9	29.1	36.3	80.5	0.01
03/25/15 16:00	1536	5.2	74.1	68.3	35.0	82.7	0.01
03/25/15 17:00	1537	6.0	70.5	57.7	35.9	76.1	0.00
03/25/15 18:00	1538	5.9	117.0	43.4	37.1	74.8	0.00
03/25/15 19:00	1539	9.6	161.7	19.2	38.4	75.4	0.00
03/25/15 20:00	1540	8.0	154.1	19.8	38.9	75.7	0.00
03/25/15 21:00	1541	5.3	147.4	33.8	39.5	76.0	0.00
03/25/15 22:00	1542	5.3	147.0	34.9	40.2	74.4	0.00
03/25/15 23:00	1543	4.8	149.7	37.9	40.0	76.7	0.00
03/26/15 00:00	1544	5.1	144.1	37.4	39.6	76.3	0.00
03/26/15 01:00	1545	3.3	340.7	91.9	38.9	83.7	0.00
03/26/15 02:00	1546	2.9	263.3	72.7	38.3	88.8	0.00
03/26/15 03:00	1547	2.1	4.4	54.2	34.1	93.4	0.00
03/26/15 04:00	1548	3.7	36.8	34.9	32.8	95.3	0.00
03/26/15 05:00	1549	3.5	31.1	19.0	31.7	95.8	0.00
03/26/15 06:00	1550	3.3	53.5	23.5	31.4	95.8	0.00
03/26/15 07:00	1551	3.3	31.2	24.5	30.8	95.8	0.00
03/26/15 08:00	1552	2.3	58.9	46.0	33.7	87.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/26/15 09:00	1553	2.6	196.3	58.4	37.3	83.7	0.00
03/26/15 10:00	1554	2.4	180.1	79.5	40.9	76.0	0.00
03/26/15 11:00	1555	2.8	313.0	85.4	46.2	77.3	0.00
03/26/15 12:00	1556	5.4	206.2	36.8	51.7	74.8	0.01
03/26/15 13:00	1557	3.6	252.7	50.8	49.8	74.2	0.00
03/26/15 14:00	1558	3.0	239.4	44.7	49.2	71.0	0.00
03/26/15 15:00	1559	4.5	269.1	41.2	49.5	82.1	0.00
03/26/15 16:00	1560	4.5	305.8	50.0	44.3	91.6	0.00
03/26/15 17:00	1561	4.1	308.1	40.4	41.7	95.2	0.14
03/26/15 18:00	1562	2.5	317.1	53.7	40.7	95.6	0.08
03/26/15 19:00	1563	3.0	324.1	45.1	40.6	95.0	0.03
03/26/15 20:00	1564	2.9	323.4	35.1	40.4	91.1	0.01
03/26/15 21:00	1565	2.4	333.8	36.3	39.6	90.9	0.00
03/26/15 22:00	1566	2.9	7.9	28.7	38.7	90.1	0.00
03/26/15 23:00	1567	4.0	337.7	36.0	38.7	87.5	0.00
03/27/15 00:00	1568	2.9	348.1	41.0	38.2	90.1	0.00
03/27/15 01:00	1569	2.5	288.0	64.4	37.5	88.8	0.00
03/27/15 02:00	1570	2.2	27.8	54.9	37.5	89.9	0.00
03/27/15 03:00	1571	3.1	31.0	37.3	36.7	90.8	0.00
03/27/15 04:00	1572	2.1	76.9	79.4	36.4	89.5	0.00
03/27/15 05:00	1573	2.0	43.5	23.1	35.6	95.1	0.00
03/27/15 06:00	1574	2.9	38.4	34.8	34.5	95.0	0.00
03/27/15 07:00	1575	2.5	35.6	43.3	34.1	96.1	0.00
03/27/15 08:00	1576	1.2	243.0	64.7	35.1	84.3	0.00
03/27/15 09:00	1577	4.0	303.9	36.2	37.2	76.1	0.00
03/27/15 10:00	1578	5.6	307.4	35.8	38.1	68.2	0.00
03/27/15 11:00	1579	6.5	347.4	24.2	38.9	60.4	0.00
03/27/15 12:00	1580	6.0	348.8	29.3	40.1	58.5	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/27/15 13:00	1581	6.1	358.9	19.2	39.8	55.8	0.00
03/27/15 14:00	1582	5.2	342.6	33.7	40.8	51.2	0.00
03/27/15 15:00	1583	4.2	318.0	37.3	41.6	48.9	0.00
03/27/15 16:00	1584	5.6	341.3	23.1	40.9	53.6	0.00
03/27/15 17:00	1585	4.1	336.3	29.8	40.3	52.2	0.00
03/27/15 18:00	1586	6.5	352.7	24.0	38.7	59.6	0.00
03/27/15 19:00	1587	4.0	339.4	30.1	37.1	66.5	0.00
03/27/15 20:00	1588	4.5	340.2	33.1	35.5	69.5	0.00
03/27/15 21:00	1589	2.7	330.0	35.5	34.2	72.5	0.00
03/27/15 22:00	1590	6.3	354.0	23.9	33.3	63.3	0.00
03/27/15 23:00	1591	5.7	348.2	23.0	32.1	63.9	0.00
03/28/15 00:00	1592	6.5	4.6	18.3	31.2	63.0	0.00
03/28/15 01:00	1593	6.3	0.1	16.8	30.4	64.1	0.00
03/28/15 02:00	1594	5.2	356.9	19.7	30.1	64.8	0.00
03/28/15 03:00	1595	6.6	344.9	25.3	29.4	65.7	0.00
03/28/15 04:00	1596	8.4	353.3	21.6	27.9	66.5	0.00
03/28/15 05:00	1597	6.2	336.9	24.6	26.8	63.0	0.00
03/28/15 06:00	1598	4.9	320.8	32.2	25.8	71.4	0.00
03/28/15 07:00	1599	7.5	340.5	26.0	25.3	61.0	0.00
03/28/15 08:00	1600	7.5	333.0	32.5	24.7	57.5	0.00
03/28/15 09:00	1601	7.8	331.5	32.0	26.1	51.0	0.00
03/28/15 10:00	1602	8.2	326.7	34.1	27.1	51.4	0.00
03/28/15 11:00	1603	9.2	331.5	30.6	27.0	49.4	0.00
03/28/15 12:00	1604	9.1	336.4	35.4	27.4	46.3	0.00
03/28/15 13:00	1605	10.5	352.1	27.0	27.6	46.6	0.00
03/28/15 14:00	1606	9.1	344.4	32.5	27.1	46.1	0.00
03/28/15 15:00	1607	8.8	338.8	26.0	26.8	43.8	0.00
03/28/15 16:00	1608	9.6	343.4	28.3	27.6	40.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/28/15 17:00	1609	9.3	346.9	25.4	26.6	39.4	0.00
03/28/15 18:00	1610	9.1	338.0	28.5	25.0	41.8	0.00
03/28/15 19:00	1611	8.5	335.9	30.2	23.8	42.1	0.00
03/28/15 20:00	1612	6.8	340.1	29.1	22.9	46.0	0.00
03/28/15 21:00	1613	5.2	345.9	24.4	22.2	45.0	0.00
03/28/15 22:00	1614	3.9	0.3	19.3	21.8	46.6	0.00
03/28/15 23:00	1615	3.7	28.0	18.4	20.9	58.1	0.00
03/29/15 00:00	1616	3.3	36.8	16.3	19.2	64.7	0.00
03/29/15 01:00	1617	4.0	41.1	10.2	18.5	59.2	0.00
03/29/15 02:00	1618	2.9	20.0	41.0	19.7	52.0	0.00
03/29/15 03:00	1619	3.0	348.1	40.6	20.1	54.1	0.00
03/29/15 04:00	1620	2.9	350.5	40.3	19.4	55.2	0.00
03/29/15 05:00	1621	3.3	23.6	35.4	19.2	57.6	0.00
03/29/15 06:00	1622	3.3	15.5	30.5	19.1	59.2	0.00
03/29/15 07:00	1623	3.0	40.1	29.9	19.5	56.6	0.00
03/29/15 08:00	1624	4.2	320.0	49.6	23.2	51.8	0.00
03/29/15 09:00	1625	4.2	290.7	38.5	26.4	50.7	0.00
03/29/15 10:00	1626	5.2	261.1	30.7	29.3	44.0	0.00
03/29/15 11:00	1627	5.2	243.1	34.5	32.1	34.4	0.00
03/29/15 12:00	1628	5.5	247.8	26.7	35.0	28.6	0.00
03/29/15 13:00	1629	4.9	250.5	52.5	37.6	24.0	0.00
03/29/15 14:00	1630	4.2	270.1	75.3	40.1	28.9	0.00
03/29/15 15:00	1631	3.6	279.4	76.4	43.0	20.5	0.00
03/29/15 16:00	1632	2.9	304.8	91.9	44.4	19.5	0.00
03/29/15 17:00	1633	4.7	184.6	35.3	45.4	23.2	0.00
03/29/15 18:00	1634	7.1	184.6	21.3	42.7	26.0	0.00
03/29/15 19:00	1635	4.2	174.9	30.7	38.5	28.0	0.00
03/29/15 20:00	1636	6.4	138.6	17.5	38.7	24.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/29/15 21:00	1637	6.2	143.1	29.4	38.5	26.4	0.00
03/29/15 22:00	1638	7.0	154.1	25.1	37.9	28.6	0.00
03/29/15 23:00	1639	8.3	171.5	22.2	38.0	29.1	0.00
03/30/15 00:00	1640	8.3	166.2	16.3	37.9	28.9	0.00
03/30/15 01:00	1641	8.4	167.4	24.6	38.2	29.5	0.00
03/30/15 02:00	1642	8.4	163.5	28.9	38.7	36.1	0.00
03/30/15 03:00	1643	8.1	157.8	23.9	38.2	47.3	0.00
03/30/15 04:00	1644	10.4	171.6	20.3	36.9	64.0	0.00
03/30/15 05:00	1645	7.5	155.5	26.4	35.1	69.9	0.00
03/30/15 06:00	1646	7.3	151.6	21.8	35.6	70.5	0.00
03/30/15 07:00	1647	6.2	169.2	21.5	36.5	62.9	0.00
03/30/15 08:00	1648	7.3	178.6	20.2	37.7	61.1	0.00
03/30/15 09:00	1649	7.4	187.8	20.9	39.0	58.0	0.00
03/30/15 10:00	1650	5.9	199.4	27.8	41.5	59.4	0.00
03/30/15 11:00	1651	7.8	238.5	30.7	43.8	55.2	0.00
03/30/15 12:00	1652	6.0	253.2	36.4	44.6	52.9	0.00
03/30/15 13:00	1653	5.7	255.0	40.8	44.8	52.6	0.00
03/30/15 14:00	1654	7.8	244.1	33.6	46.1	42.7	0.00
03/30/15 15:00	1655	8.9	255.1	30.6	47.5	39.7	0.00
03/30/15 16:00	1656	6.0	268.5	45.7	48.3	36.2	0.00
03/30/15 17:00	1657	7.4	261.3	34.6	49.0	34.7	0.00
03/30/15 18:00	1658	6.0	261.9	50.5	48.1	43.1	0.00
03/30/15 19:00	1659	6.3	278.1	49.5	43.0	64.5	0.00
03/30/15 20:00	1660	4.1	292.6	57.7	41.3	75.6	0.00
03/30/15 21:00	1661	3.0	237.8	61.2	40.1	80.4	0.00
03/30/15 22:00	1662	2.7	38.8	99.3	38.9	84.3	0.00
03/30/15 23:00	1663	1.8	136.4	86.4	38.3	81.1	0.01
03/31/15 00:00	1664	3.4	239.1	58.7	39.1	71.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
03/31/15 01:00	1665	4.2	272.3	42.2	38.6	58.7	0.00
03/31/15 02:00	1666	2.5	349.0	47.6	36.9	61.5	0.00
03/31/15 03:00	1667	3.2	353.9	42.9	35.7	61.2	0.00
03/31/15 04:00	1668	2.8	9.9	47.3	34.8	68.2	0.00
03/31/15 05:00	1669	3.1	41.3	27.1	32.0	79.4	0.00
03/31/15 06:00	1670	3.4	35.3	21.2	28.5	84.2	0.00
03/31/15 07:00	1671	2.9	51.2	24.5	29.7	81.8	0.00
03/31/15 08:00	1672	2.6	62.3	37.8	33.5	58.1	0.00
03/31/15 09:00	1673	3.2	237.7	41.5	38.4	56.1	0.00
03/31/15 10:00	1674	3.1	221.9	65.6	39.6	50.4	0.00
03/31/15 11:00	1675	3.2	211.5	63.6	39.8	55.7	0.00
03/31/15 12:00	1676	4.1	183.9	24.2	36.5	90.1	0.00
03/31/15 13:00	1677	2.2	170.7	43.2	35.0	90.2	0.03
03/31/15 14:00	1678	1.2	4.4	37.0	34.6	93.2	0.03
03/31/15 15:00	1679	1.0	10.4	51.5	33.5	95.6	0.02
03/31/15 16:00	1680	1.4	332.8	45.9	33.0	96.8	0.00
03/31/15 17:00	1681	1.2	330.7	51.4	33.7	95.7	0.00
03/31/15 18:00	1682	1.2	204.2	64.4	33.9	96.1	0.03
03/31/15 19:00	1683	1.2	186.2	81.2	33.7	95.8	0.02
03/31/15 20:00	1684	2.9	34.6	12.7	32.6	97.5	0.00
03/31/15 21:00	1685	3.5	35.4	11.2	32.0	95.1	0.00
03/31/15 22:00	1686	3.4	30.7	15.7	31.6	94.8	0.00
03/31/15 23:00	1687	3.8	31.2	20.4	30.2	94.5	0.00
04/01/15 00:00	1688	2.2	40.9	14.7	27.9	96.0	0.00
04/01/15 01:00	1689	0.3	39.3	11.8	27.4	95.1	0.00
04/01/15 02:00	1690	0.3	31.5	17.9	26.2	94.8	0.00
04/01/15 03:00	1691	0.3	34.9	18.1	26.6	91.2	0.00
04/01/15 04:00	1692	0.3	42.3	17.7	26.1	92.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
04/01/15 05:00	1693	0.3	54.0	18.1	25.7	93.3	0.00
04/01/15 06:00	1694	0.3	45.0	19.1	24.6	92.6	0.00
04/01/15 07:00	1695	0.3	44.3	15.8	24.7	89.0	0.00
04/01/15 08:00	1696	1.0	90.4	44.7	28.4	86.6	0.01
04/01/15 09:00	1697	3.9	324.5	63.2	33.5	72.5	0.02
04/01/15 10:00	1698	4.0	290.8	45.0	35.8	66.3	0.07
04/01/15 11:00	1699	5.5	279.7	40.0	38.5	59.8	0.00
04/01/15 12:00	1700	6.3	302.4	42.4	41.2	47.5	0.00
04/01/15 13:00	1701	6.3	299.9	44.9	43.6	43.3	0.00
04/01/15 14:00	1702	6.2	306.8	49.2	45.6	37.7	0.00
04/01/15 15:00	1703	6.3	275.4	34.8	46.7	33.8	0.00
04/01/15 16:00	1704	5.8	292.6	50.2	48.2	29.2	0.00
04/01/15 17:00	1705	6.2	342.1	35.8	48.4	32.2	0.00
04/01/15 18:00	1706	4.7	5.0	21.8	47.7	33.5	0.00
04/01/15 19:00	1707	3.5	44.6	14.6	43.4	55.9	0.00
04/01/15 20:00	1708	2.0	65.4	33.0	36.3	71.2	0.00
04/01/15 21:00	1709	3.7	64.0	23.9	34.1	73.6	0.00
04/01/15 22:00	1710	2.5	73.1	29.2	30.7	78.1	0.00
04/01/15 23:00	1711	4.2	62.0	15.4	30.0	73.8	0.00
04/02/15 00:00	1712	3.7	78.3	23.7	29.3	76.5	0.00
04/02/15 01:00	1713	4.0	69.6	21.9	28.0	77.8	0.00
04/02/15 02:00	1714	2.9	73.0	19.5	27.6	84.7	0.00
04/02/15 03:00	1715	3.9	62.4	9.7	26.6	84.9	0.00
04/02/15 04:00	1716	4.2	62.3	10.7	26.2	86.1	0.00
04/02/15 05:00	1717	6.4	62.1	13.5	26.6	80.2	0.00
04/02/15 06:00	1718	4.9	60.7	23.1	26.9	82.1	0.00
04/02/15 07:00	1719	4.7	37.6	22.2	27.6	79.3	0.00
04/02/15 08:00	1720	3.6	32.1	82.5	35.9	48.5	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
04/02/15 09:00	1721	8.0	121.3	19.9	48.9	41.4	0.00
04/02/15 10:00	1722	6.7	173.6	32.8	54.1	34.3	0.00
04/02/15 11:00	1723	7.2	192.7	26.2	57.7	30.5	0.00
04/02/15 12:00	1724	8.1	184.6	26.6	60.8	30.0	0.00
04/02/15 13:00	1725	9.2	203.0	28.5	63.2	28.4	0.00
04/02/15 14:00	1726	9.4	182.9	24.5	64.6	28.1	0.00
04/02/15 15:00	1727	9.4	187.0	26.6	65.7	31.5	0.00
04/02/15 16:00	1728	8.0	181.4	24.5	64.3	34.4	0.00
04/02/15 17:00	1729	9.0	180.6	26.0	63.4	35.2	0.00
04/02/15 18:00	1730	9.4	187.2	26.6	62.4	40.2	0.00
04/02/15 19:00	1731	9.9	180.6	21.0	59.8	45.9	0.00
04/02/15 20:00	1732	11.0	181.3	26.9	57.9	50.9	0.00
04/02/15 21:00	1733	9.8	169.4	22.2	57.2	51.1	0.00
04/02/15 22:00	1734	10.0	195.6	30.2	58.0	48.3	0.00
04/02/15 23:00	1735	8.4	207.7	32.6	58.2	53.5	0.00
04/03/15 00:00	1736	10.5	210.1	23.3	57.6	73.8	0.00
04/03/15 01:00	1737	6.0	193.7	40.8	55.4	75.3	0.00
04/03/15 02:00	1738	3.7	63.5	77.4	56.1	73.1	0.00
04/03/15 03:00	1739	3.9	186.7	40.3	57.1	78.3	0.00
04/03/15 04:00	1740	3.3	199.6	39.7	57.5	75.6	0.00
04/03/15 05:00	1741	2.8	179.9	58.7	57.1	84.6	0.00
04/03/15 06:00	1742	2.7	227.7	68.3	53.5	96.2	0.04
04/03/15 07:00	1743	1.4	52.7	82.0	52.4	98.4	0.02
04/03/15 08:00	1744	1.4	169.4	68.3	51.5	98.7	0.00
04/03/15 09:00	1745	1.1	111.9	79.2	52.5	98.7	0.00
04/03/15 10:00	1746	1.3	156.6	77.0	54.3	96.4	0.00
04/03/15 11:00	1747	4.4	55.0	20.8	56.0	91.4	0.00
04/03/15 12:00	1748	4.1	52.2	19.0	56.5	90.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
04/03/15 13:00	1749	4.8	31.1	17.9	56.6	89.0	0.00
04/03/15 14:00	1750	3.6	43.4	24.8	56.4	92.3	0.00
04/03/15 15:00	1751	4.8	42.4	16.4	56.1	90.1	0.00
04/03/15 16:00	1752	2.5	72.5	56.6	56.5	88.8	0.00
04/03/15 17:00	1753	1.7	111.1	90.6	56.5	88.9	0.00
04/03/15 18:00	1754	2.1	223.2	70.0	55.9	95.3	0.00
04/03/15 19:00	1755	1.5	352.8	71.0	53.9	98.1	0.04
04/03/15 20:00	1756	1.9	57.3	54.3	52.9	98.6	0.01
04/03/15 21:00	1757	2.5	49.0	38.0	51.7	99.2	0.00
04/03/15 22:00	1758	2.6	82.3	72.8	51.3	98.9	0.00
04/03/15 23:00	1759	1.5	111.1	69.1	49.9	99.4	0.01
04/04/15 00:00	1760	6.0	260.0	55.0	50.1	91.5	0.03
04/04/15 01:00	1761	6.4	302.5	39.7	46.7	93.1	0.05
04/04/15 02:00	1762	4.4	348.2	33.5	44.2	94.1	0.06
04/04/15 03:00	1763	4.5	315.7	42.6	43.1	86.3	0.01
04/04/15 04:00	1764	4.4	328.8	43.4	42.1	84.9	0.00
04/04/15 05:00	1765	5.8	321.8	49.2	41.1	82.8	0.00
04/04/15 06:00	1766	5.4	320.6	49.3	41.0	81.3	0.00
04/04/15 07:00	1767	5.7	314.5	56.9	41.6	70.2	0.00
04/04/15 08:00	1768	8.3	289.2	40.6	41.7	63.5	0.00
04/04/15 09:00	1769	8.6	312.5	39.5	41.0	62.9	0.00
04/04/15 10:00	1770	10.6	316.6	37.8	42.0	54.0	0.00
04/04/15 11:00	1771	8.3	292.3	41.3	42.8	49.4	0.00
04/04/15 12:00	1772	9.4	298.1	34.9	43.3	38.7	0.00
04/04/15 13:00	1773	8.7	289.4	39.5	45.1	35.8	0.00
04/04/15 14:00	1774	9.0	305.5	41.4	44.7	37.8	0.00
04/04/15 15:00	1775	9.9	267.2	35.9	45.1	37.6	0.00
04/04/15 16:00	1776	9.9	290.7	36.6	45.2	34.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
04/04/15 17:00	1777	8.5	310.3	38.4	44.8	35.7	0.00
04/04/15 18:00	1778	6.5	305.8	42.4	43.9	36.4	0.00
04/04/15 19:00	1779	3.0	272.2	64.0	41.4	42.9	0.00
04/04/15 20:00	1780	2.0	159.3	61.1	38.2	55.3	0.00
04/04/15 21:00	1781	3.6	40.5	18.6	34.9	66.8	0.00
04/04/15 22:00	1782	3.1	47.6	19.0	32.8	68.2	0.00
04/04/15 23:00	1783	2.8	62.0	28.3	31.8	72.3	0.00
04/05/15 00:00	1784	3.5	49.8	50.5	31.7	74.2	0.00
04/05/15 01:00	1785	2.7	63.9	56.6	33.2	77.2	0.00
04/05/15 02:00	1786	4.8	42.4	24.4	31.7	74.1	0.00
04/05/15 03:00	1787	7.2	49.5	15.4	30.6	79.7	0.00
04/05/15 04:00	1788	10.6	61.8	7.9	30.1	77.3	0.00
04/05/15 05:00	1789	7.9	65.1	15.9	29.9	82.4	0.00
04/05/15 06:00	1790	4.9	53.4	10.0	28.3	86.2	0.00
04/05/15 07:00	1791	3.4	58.8	21.9	28.8	81.5	0.00
04/05/15 08:00	1792	2.1	39.4	46.4	31.5	77.7	0.00
04/05/15 09:00	1793	2.5	42.3	55.4	35.0	68.7	0.00
04/05/15 10:00	1794	4.9	49.8	19.5	37.3	59.3	0.00
04/05/15 11:00	1795	4.1	39.4	25.8	38.8	59.8	0.00
04/05/15 12:00	1796	3.6	2.3	29.0	36.8	93.3	0.01
04/05/15 13:00	1797	1.4	17.3	36.4	34.0	93.3	0.00
04/05/15 14:00	1798	1.9	12.9	66.4	35.8	84.3	0.13
04/05/15 15:00	1799	2.3	46.2	88.8	37.5	87.5	0.00
04/05/15 16:00	1800	4.9	32.7	25.0	39.0	87.4	0.00
04/05/15 17:00	1801	3.4	310.6	42.0	38.9	88.5	0.00
04/05/15 18:00	1802	1.9	277.1	51.4	39.0	88.0	0.00
04/05/15 19:00	1803	1.3	216.3	46.2	38.5	92.4	0.00
04/05/15 20:00	1804	1.9	59.5	51.1	38.0	95.1	0.00

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04/05/15 21:00	1805	1.5	110.6	66.5	37.6	95.5	0.00
04/05/15 22:00	1806	2.5	49.7	33.5	37.5	96.0	0.00
04/05/15 23:00	1807	2.0	42.7	34.3	36.9	96.2	0.00
04/06/15 00:00	1808	2.0	39.2	15.9	35.2	97.3	0.00
04/06/15 01:00	1809	2.8	59.8	19.5	33.7	99.1	0.00
04/06/15 02:00	1810	4.4	61.3	8.8	32.8	99.6	0.00
04/06/15 03:00	1811	3.8	55.9	9.2	32.0	99.8	0.00
04/06/15 04:00	1812	3.3	61.3	17.6	31.4	99.8	0.00
04/06/15 05:00	1813	2.7	59.5	30.6	30.9	99.7	0.00
04/06/15 06:00	1814	2.5	64.9	23.8	30.5	99.8	0.00
04/06/15 07:00	1815	3.1	58.0	19.5	30.2	99.6	0.00
04/06/15 08:00	1816	3.3	48.2	22.3	30.7	99.6	0.00
04/06/15 09:00	1817	4.1	63.5	30.2	34.6	95.1	0.00
04/06/15 10:00	1818	2.5	176.4	43.7	44.0	74.8	0.00
04/06/15 11:00	1819	3.7	166.0	74.3	56.7	34.0	0.00
04/06/15 12:00	1820	8.0	190.2	28.4	63.1	24.0	0.00
04/06/15 13:00	1821	8.6	195.0	24.3	66.7	20.5	0.00
04/06/15 14:00	1822	5.5	217.1	28.8	65.5	23.8	0.00
04/06/15 15:00	1823	6.5	219.4	26.8	65.7	19.6	0.00
04/06/15 16:00	1824	6.5	206.6	21.9	66.5	22.9	0.00
04/06/15 17:00	1825	3.4	192.4	17.2	64.3	30.2	0.00
04/06/15 18:00	1826	1.9	36.1	78.1	61.2	44.1	0.00
04/06/15 19:00	1827	3.0	20.6	57.3	57.9	55.3	0.00
04/06/15 20:00	1828	2.6	18.3	76.5	54.1	57.0	0.00
04/06/15 21:00	1829	2.1	186.2	82.4	55.3	74.4	0.00
04/06/15 22:00	1830	2.7	49.7	69.3	51.2	83.3	0.00
04/06/15 23:00	1831	1.8	27.7	52.9	49.2	87.1	0.00
04/07/15 00:00	1832	1.2	40.8	95.4	47.3	91.4	0.00

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04/07/15 01:00	1833	2.0	24.5	47.4	46.6	92.0	0.00
04/07/15 02:00	1834	1.4	1.4	46.6	46.6	91.3	0.00
04/07/15 03:00	1835	2.5	21.0	30.6	46.8	85.6	0.00
04/07/15 04:00	1836	2.0	13.4	56.6	47.0	89.6	0.00
04/07/15 05:00	1837	2.5	33.8	30.7	47.1	88.6	0.00
04/07/15 06:00	1838	1.7	9.3	51.3	46.4	94.1	0.00
04/07/15 07:00	1839	1.5	31.4	79.7	46.0	96.3	0.00
04/07/15 08:00	1840	1.5	127.6	92.7	47.9	93.4	0.00
04/07/15 09:00	1841	1.0	209.2	83.9	50.0	90.3	0.00
04/07/15 10:00	1842	2.1	240.2	36.7	52.2	84.3	0.00
04/07/15 11:00	1843	2.6	242.4	40.6	53.0	82.9	0.00
04/07/15 12:00	1844	3.4	278.6	41.4	51.9	88.7	0.01
04/07/15 13:00	1845	3.2	282.3	51.9	48.8	96.2	0.13
04/07/15 14:00	1846	1.6	213.8	56.5	48.3	96.8	0.10
04/07/15 15:00	1847	2.1	219.9	64.7	48.4	96.4	0.02
04/07/15 16:00	1848	2.2	198.5	51.0	48.6	95.8	0.00
04/07/15 17:00	1849	2.1	258.3	62.3	48.4	97.4	0.05
04/07/15 18:00	1850	1.8	176.7	82.0	48.2	97.8	0.02
04/07/15 19:00	1851	4.3	35.0	17.0	48.3	95.6	0.02
04/07/15 20:00	1852	4.8	38.3	17.3	47.2	95.5	0.01
04/07/15 21:00	1853	2.7	20.8	25.3	46.7	97.3	0.01
04/07/15 22:00	1854	2.3	39.7	33.3	46.1	97.3	0.00
04/07/15 23:00	1855	2.0	44.8	43.1	45.6	94.5	0.01
04/08/15 00:00	1856	3.5	71.6	30.7	45.2	93.4	0.00
04/08/15 01:00	1857	4.3	53.3	40.3	44.6	92.8	0.00
04/08/15 02:00	1858	1.8	11.1	71.5	44.2	96.1	0.00
04/08/15 03:00	1859	2.4	44.0	64.0	43.8	88.0	0.00
04/08/15 04:00	1860	2.1	217.8	77.1	43.9	88.6	0.00

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04/08/15 05:00	1861	2.2	197.0	57.9	43.4	87.8	0.00
04/08/15 06:00	1862	5.9	56.7	39.1	43.0	88.3	0.00
04/08/15 07:00	1863	5.7	29.4	26.9	41.6	91.1	0.06
04/08/15 08:00	1864	6.0	48.9	22.3	40.9	85.8	0.10
04/08/15 09:00	1865	3.5	347.4	81.3	40.6	81.9	0.00
04/08/15 10:00	1866	5.0	226.3	31.2	40.7	81.4	0.01
04/08/15 11:00	1867	2.7	15.6	78.2	41.2	81.3	0.01
04/08/15 12:00	1868	4.8	39.6	66.6	43.1	68.5	0.00
04/08/15 13:00	1869	6.3	200.0	38.1	45.1	64.6	0.00
04/08/15 14:00	1870	6.4	189.1	25.8	45.5	56.9	0.00
04/08/15 15:00	1871	8.2	189.8	29.4	44.2	63.6	0.00
04/08/15 16:00	1872	7.5	198.0	35.1	43.9	60.3	0.00
04/08/15 17:00	1873	8.6	189.8	26.4	43.4	62.6	0.00
04/08/15 18:00	1874	8.7	192.7	26.5	42.8	63.1	0.00
04/08/15 19:00	1875	8.0	192.0	25.4	42.0	65.6	0.00
04/08/15 20:00	1876	4.9	191.5	37.0	41.6	62.8	0.00
04/08/15 21:00	1877	4.6	205.0	30.0	41.2	64.2	0.00
04/08/15 22:00	1878	4.5	211.9	32.3	40.9	66.4	0.00
04/08/15 23:00	1879	5.0	195.2	26.9	40.9	65.2	0.00
04/09/15 00:00	1880	4.9	186.8	22.6	40.8	66.6	0.00
04/09/15 01:00	1881	4.6	173.9	23.6	40.5	72.2	0.00
04/09/15 02:00	1882	5.3	185.3	27.8	39.9	77.5	0.00
04/09/15 03:00	1883	3.7	183.9	31.1	39.3	81.4	0.00
04/09/15 04:00	1884	5.5	168.8	16.8	39.2	82.8	0.00
04/09/15 05:00	1885	5.1	181.8	20.1	39.0	83.7	0.00
04/09/15 06:00	1886	4.9	187.3	26.6	38.9	84.1	0.00
04/09/15 07:00	1887	3.1	180.3	82.1	39.2	83.4	0.00
04/09/15 08:00	1888	4.5	187.8	34.4	39.7	80.3	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
04/09/15 09:00	1889	4.9	192.8	47.0	40.3	76.9	0.00
04/09/15 10:00	1890	6.0	197.4	28.0	40.8	78.2	0.00
04/09/15 11:00	1891	5.0	208.5	61.1	41.9	74.3	0.00
04/09/15 12:00	1892	7.6	180.3	29.6	43.4	74.0	0.00
04/09/15 13:00	1893	6.9	176.8	25.8	44.0	70.6	0.00
04/09/15 14:00	1894	8.3	183.2	22.7	45.7	71.5	0.00
04/09/15 15:00	1895	8.7	181.4	27.0	45.8	72.6	0.00
04/09/15 16:00	1896	9.7	183.6	23.9	45.2	75.2	0.00
04/09/15 17:00	1897	8.3	183.6	23.9	44.0	78.3	0.00
04/09/15 18:00	1898	8.8	185.3	24.7	42.8	79.7	0.00
04/09/15 19:00	1899	7.7	181.8	22.9	42.0	81.6	0.00
04/09/15 20:00	1900	6.7	188.6	34.7	41.4	83.1	0.00
04/09/15 21:00	1901	6.9	188.1	29.9	41.1	85.5	0.00
04/09/15 22:00	1902	8.0	166.0	29.8	39.9	91.2	0.06
04/09/15 23:00	1903	9.7	171.1	21.6	39.1	93.5	0.11
04/10/15 00:00	1904	8.6	164.6	17.3	39.6	88.4	0.01
04/10/15 01:00	1905	7.4	164.4	27.7	40.1	90.1	0.05
04/10/15 02:00	1906	5.0	164.6	60.0	39.7	94.6	0.11
04/10/15 03:00	1907	8.9	150.5	31.9	39.8	92.1	0.04
04/10/15 04:00	1908	11.1	145.5	23.5	40.0	88.9	0.05
04/10/15 05:00	1909	11.7	134.5	22.0	40.6	88.7	0.10
04/10/15 06:00	1910	11.7	149.2	30.1	41.6	90.1	0.02
04/10/15 07:00	1911	13.4	142.0	20.9	41.9	89.6	0.00
04/10/15 08:00	1912	10.9	136.0	19.3	42.1	91.8	0.00
04/10/15 09:00	1913	10.6	135.0	18.8	44.0	88.9	0.00
04/10/15 10:00	1914	9.9	150.9	23.1	45.7	86.8	0.00
04/10/15 11:00	1915	9.2	158.3	28.0	47.0	91.5	0.04
04/10/15 12:00	1916	8.1	163.3	20.6	47.1	85.6	0.00

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04/10/15 13:00	1917	11.1	160.3	16.1	48.7	85.8	0.01
04/10/15 14:00	1918	10.4	159.1	13.7	49.0	86.5	0.00
04/10/15 15:00	1919	9.1	164.8	16.2	50.4	80.2	0.00
04/10/15 16:00	1920	7.2	173.5	21.6	53.5	81.9	0.00
04/10/15 17:00	1921	7.8	206.4	40.3	56.5	74.7	0.00
04/10/15 18:00	1922	3.4	264.0	50.8	58.1	76.1	0.00
04/10/15 19:00	1923	3.8	205.3	46.5	54.5	87.5	0.00
04/10/15 20:00	1924	2.0	16.3	73.0	50.5	96.1	0.00
04/10/15 21:00	1925	2.5	43.9	80.4	46.0	97.9	0.00
04/10/15 22:00	1926	2.9	30.6	48.4	44.1	97.0	0.00
04/10/15 23:00	1927	2.7	34.9	55.3	41.6	93.8	0.00
04/11/15 00:00	1928	2.3	9.1	92.9	40.1	83.7	0.00
04/11/15 01:00	1929	2.1	35.3	59.4	38.4	94.7	0.00
04/11/15 02:00	1930	1.7	33.5	53.0	36.6	95.3	0.00
04/11/15 03:00	1931	3.2	44.5	28.2	38.5	91.4	0.00
04/11/15 04:00	1932	3.4	48.8	43.0	39.8	85.9	0.00
04/11/15 05:00	1933	2.4	60.9	63.1	40.7	94.1	0.00
04/11/15 06:00	1934	3.7	6.7	67.6	43.5	69.4	0.00
04/11/15 07:00	1935	5.9	306.5	47.6	45.3	64.8	0.00
04/11/15 08:00	1936	7.6	303.4	41.5	44.6	57.2	0.00
04/11/15 09:00	1937	8.2	307.4	48.4	43.9	54.6	0.00
04/11/15 10:00	1938	8.7	304.6	40.6	44.8	48.8	0.00
04/11/15 11:00	1939	8.5	300.0	38.4	44.8	50.9	0.00
04/11/15 12:00	1940	7.5	301.9	42.7	45.4	48.1	0.00
04/11/15 13:00	1941	8.1	306.4	44.3	47.4	43.3	0.00
04/11/15 14:00	1942	7.9	305.3	39.5	49.7	38.4	0.00
04/11/15 15:00	1943	8.9	330.4	39.0	51.0	38.3	0.00
04/11/15 16:00	1944	7.6	329.4	37.2	51.4	39.8	0.00

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04/11/15 17:00	1945	8.1	350.9	26.2	51.1	39.9	0.00
04/11/15 18:00	1946	7.1	349.4	25.2	50.0	42.2	0.00
04/11/15 19:00	1947	5.5	4.0	19.5	47.5	45.5	0.00
04/11/15 20:00	1948	2.9	30.7	14.3	43.5	68.2	0.00
04/11/15 21:00	1949	2.9	38.1	18.3	37.7	79.6	0.00
04/11/15 22:00	1950	3.0	46.5	14.1	35.3	80.6	0.00
04/11/15 23:00	1951	3.4	45.4	12.1	33.3	86.7	0.00
04/12/15 00:00	1952	4.8	64.4	13.2	32.1	85.9	0.00
04/12/15 01:00	1953	3.6	58.6	13.8	31.0	92.0	0.00
04/12/15 02:00	1954	4.9	64.6	6.8	29.9	92.4	0.00
04/12/15 03:00	1955	4.6	51.6	11.8	29.0	93.3	0.00
04/12/15 04:00	1956	3.6	57.1	15.8	28.5	93.7	0.00
04/12/15 05:00	1957	4.3	58.4	12.6	27.8	94.1	0.00
04/12/15 06:00	1958	2.7	53.7	21.8	27.2	94.3	0.00
04/12/15 07:00	1959	3.7	61.7	10.4	28.6	87.7	0.00
04/12/15 08:00	1960	2.2	109.2	30.8	33.3	73.4	0.00
04/12/15 09:00	1961	1.6	96.8	55.9	40.3	61.0	0.00
04/12/15 10:00	1962	2.1	176.2	101.3	48.5	45.6	0.00
04/12/15 11:00	1963	3.5	191.5	55.6	53.4	35.4	0.00
04/12/15 12:00	1964	2.9	150.6	59.1	58.8	23.0	0.00
04/12/15 13:00	1965	3.2	123.1	72.9	61.5	20.5	0.00
04/12/15 14:00	1966	3.0	249.0	88.8	64.4	19.7	0.00
04/12/15 15:00	1967	4.3	157.9	76.0	66.7	23.2	0.00
04/12/15 16:00	1968	5.1	164.3	52.9	68.2	25.3	0.00
04/12/15 17:00	1969	5.5	168.1	31.0	68.4	20.2	0.00
04/12/15 18:00	1970	4.8	196.1	21.2	67.1	20.9	0.00
04/12/15 19:00	1971	2.8	170.8	54.9	61.1	33.6	0.00
04/12/15 20:00	1972	2.8	21.5	30.4	52.6	59.6	0.00

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04/12/15 21:00	1973	2.2	46.3	55.7	47.2	62.1	0.00
04/12/15 22:00	1974	2.7	53.3	66.1	44.3	68.6	0.00
04/12/15 23:00	1975	3.2	41.7	35.2	42.7	71.8	0.00
04/13/15 00:00	1976	3.7	36.7	44.2	41.5	76.2	0.00
04/13/15 01:00	1977	3.4	53.4	31.0	39.5	73.7	0.00
04/13/15 02:00	1978	5.0	67.7	27.1	40.4	70.7	0.00
04/13/15 03:00	1979	4.9	77.9	18.7	40.4	73.8	0.00
04/13/15 04:00	1980	4.3	57.2	18.0	38.2	78.0	0.00
04/13/15 05:00	1981	5.0	63.3	15.8	38.7	77.0	0.00
04/13/15 06:00	1982	6.0	71.9	28.3	39.4	73.4	0.00
04/13/15 07:00	1983	4.1	61.5	46.1	40.1	71.3	0.00
04/13/15 08:00	1984	5.5	57.6	25.1	44.0	59.3	0.00
04/13/15 09:00	1985	7.1	131.0	54.2	56.4	38.2	0.00
04/13/15 10:00	1986	7.9	152.6	17.9	62.9	36.3	0.00
04/13/15 11:00	1987	5.7	185.3	44.0	67.7	36.8	0.00
04/13/15 12:00	1988	7.6	187.7	26.7	71.5	30.2	0.00
04/13/15 13:00	1989	8.2	179.0	27.1	74.1	29.5	0.00
04/13/15 14:00	1990	10.7	179.3	23.5	74.2	33.3	0.00
04/13/15 15:00	1991	10.7	179.2	21.9	75.3	31.4	0.00
04/13/15 16:00	1992	11.4	174.3	21.7	75.5	32.6	0.00
04/13/15 17:00	1993	10.6	174.9	21.0	74.5	36.7	0.00
04/13/15 18:00	1994	10.8	180.4	20.2	72.8	43.5	0.00
04/13/15 19:00	1995	10.2	178.3	19.6	69.6	52.2	0.00
04/13/15 20:00	1996	11.3	177.6	19.4	68.4	53.7	0.00
04/13/15 21:00	1997	13.0	175.0	19.1	67.4	54.7	0.00
04/13/15 22:00	1998	13.5	177.1	19.2	66.1	53.2	0.00
04/13/15 23:00	1999	13.3	178.8	18.2	64.8	53.8	0.00
04/14/15 00:00	2000	11.2	191.3	40.0	64.3	50.0	0.00

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04/14/15 01:00	2001	3.7	216.2	87.7	63.9	57.1	0.00
04/14/15 02:00	2002	3.2	335.0	64.7	60.7	83.5	0.01
04/14/15 03:00	2003	7.5	0.5	38.2	52.4	85.0	0.11
04/14/15 04:00	2004	3.7	358.4	35.4	46.5	92.0	0.02
04/14/15 05:00	2005	1.4	61.6	97.4	46.0	93.5	0.00
04/14/15 06:00	2006	1.9	7.5	53.2	46.0	92.8	0.00
04/14/15 07:00	2007	1.2	261.9	24.9	46.6	89.7	0.00
04/14/15 08:00	2008	2.2	21.7	46.6	48.6	82.1	0.00
04/14/15 09:00	2009	2.7	309.3	61.0	51.5	69.4	0.00
04/14/15 10:00	2010	2.8	259.1	38.8	53.0	61.2	0.00
04/14/15 11:00	2011	2.4	229.3	34.6	55.2	59.8	0.00
04/14/15 12:00	2012	2.2	218.5	34.4	58.8	36.4	0.00
04/14/15 13:00	2013	3.1	209.3	56.9	61.6	36.2	0.00
04/14/15 14:00	2014	5.6	325.9	60.9	63.8	23.9	0.00
04/14/15 15:00	2015	5.4	352.6	32.2	63.6	27.1	0.00
04/14/15 16:00	2016	4.2	355.6	32.8	63.0	27.4	0.00
04/14/15 17:00	2017	2.2	312.3	73.5	62.3	33.5	0.00
04/14/15 18:00	2018	1.7	114.4	71.4	60.3	38.7	0.00
04/14/15 19:00	2019	1.7	65.7	67.1	57.0	53.8	0.00
04/14/15 20:00	2020	1.2	84.5	81.1	52.8	64.4	0.00
04/14/15 21:00	2021	1.3	34.2	57.8	50.0	66.1	0.00
04/14/15 22:00	2022	1.6	24.3	28.2	48.1	72.0	0.00
04/14/15 23:00	2023	2.1	17.4	31.7	45.7	75.5	0.00
04/15/15 00:00	2024	2.6	19.5	19.3	42.9	79.8	0.00
04/15/15 01:00	2025	3.3	29.4	13.8	40.7	86.5	0.00
04/15/15 02:00	2026	5.2	38.7	15.0	39.3	86.1	0.00
04/15/15 03:00	2027	4.9	39.4	13.6	37.3	91.9	0.00
04/15/15 04:00	2028	6.7	48.0	9.4	36.0	90.0	0.00

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04/15/15 05:00	2029	6.6	56.5	10.1	34.8	92.0	0.00
04/15/15 06:00	2030	7.1	54.6	9.1	33.8	90.6	0.00
04/15/15 07:00	2031	5.9	54.3	6.9	34.8	86.8	0.00
04/15/15 08:00	2032	2.8	103.3	60.3	42.6	53.4	0.00
04/15/15 09:00	2033	4.8	248.8	31.2	50.5	35.4	0.00
04/15/15 10:00	2034	4.8	273.6	60.0	55.7	21.5	0.00
04/15/15 11:00	2035	7.5	347.4	36.1	60.5	17.7	0.00
04/15/15 12:00	2036	7.9	351.3	33.9	61.9	18.6	0.00
04/15/15 13:00	2037	8.4	340.8	41.6	63.5	17.6	0.00
04/15/15 14:00	2038	7.0	314.5	39.3	64.5	16.1	0.00
04/15/15 15:00	2039	6.2	313.9	41.1	64.0	17.7	0.00
04/15/15 16:00	2040	6.5	311.7	32.1	62.6	20.7	0.00
04/15/15 17:00	2041	5.3	311.8	40.4	62.0	24.3	0.00
04/15/15 18:00	2042	4.5	315.4	39.6	60.6	26.1	0.00
04/15/15 19:00	2043	3.0	348.4	33.0	58.2	35.4	0.00
04/15/15 20:00	2044	4.2	33.7	10.7	52.1	51.8	0.00
04/15/15 21:00	2045	4.2	34.2	16.5	47.1	56.3	0.00
04/15/15 22:00	2046	2.4	34.1	18.7	43.4	68.3	0.00
04/15/15 23:00	2047	4.2	32.2	15.8	41.1	65.0	0.00
04/16/15 00:00	2048	4.2	30.9	17.2	39.9	71.9	0.00
04/16/15 01:00	2049	3.7	33.8	17.7	37.6	72.6	0.00
04/16/15 02:00	2050	4.6	42.4	16.0	36.8	81.0	0.00
04/16/15 03:00	2051	5.1	56.9	19.0	35.9	80.3	0.00
04/16/15 04:00	2052	4.3	40.6	19.6	34.1	83.4	0.00
04/16/15 05:00	2053	5.8	61.0	9.0	33.3	83.0	0.00
04/16/15 06:00	2054	5.3	68.4	10.2	33.0	82.0	0.00
04/16/15 07:00	2055	4.5	66.1	12.0	34.2	75.7	0.00
04/16/15 08:00	2056	3.2	73.3	26.4	38.4	63.3	0.00

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04/16/15 09:00	2057	2.0	75.7	91.4	47.4	31.6	0.00
04/16/15 10:00	2058	6.5	165.9	27.1	57.8	21.7	0.00
04/16/15 11:00	2059	8.4	168.4	23.5	62.2	22.3	0.00
04/16/15 12:00	2060	8.3	177.1	26.4	64.8	17.2	0.00
04/16/15 13:00	2061	7.6	179.7	27.5	67.3	21.2	0.00
04/16/15 14:00	2062	9.0	179.8	28.0	68.2	17.5	0.00
04/16/15 15:00	2063	9.1	180.7	24.8	67.3	19.5	0.00
04/16/15 16:00	2064	7.8	185.6	25.0	66.7	19.6	0.00
04/16/15 17:00	2065	7.9	179.1	24.7	66.9	21.8	0.00
04/16/15 18:00	2066	7.0	174.7	23.1	65.0	24.3	0.00
04/16/15 19:00	2067	6.4	183.1	23.7	64.0	25.1	0.00
04/16/15 20:00	2068	7.8	170.0	18.3	63.2	26.0	0.00
04/16/15 21:00	2069	7.8	166.6	17.5	62.6	31.1	0.00
04/16/15 22:00	2070	6.6	172.3	24.1	62.0	42.1	0.00
04/16/15 23:00	2071	7.7	181.4	24.7	61.5	48.4	0.00
04/17/15 00:00	2072	7.4	187.1	31.1	59.3	60.9	0.00
04/17/15 01:00	2073	5.4	186.5	30.8	57.3	67.9	0.00
04/17/15 02:00	2074	6.1	184.2	34.2	56.6	71.3	0.00
04/17/15 03:00	2075	5.3	183.0	31.4	56.2	75.7	0.00
04/17/15 04:00	2076	5.9	171.2	32.3	55.5	81.5	0.00
04/17/15 05:00	2077	5.3	162.4	32.1	55.4	79.5	0.00
04/17/15 06:00	2078	6.6	214.5	22.6	56.3	78.4	0.00
04/17/15 07:00	2079	5.5	198.5	20.5	56.3	79.9	0.00
04/17/15 08:00	2080	3.7	190.5	28.0	57.2	76.0	0.00
04/17/15 09:00	2081	2.5	187.2	50.1	58.9	73.7	0.00
04/17/15 10:00	2082	2.1	56.5	90.3	59.4	74.2	0.00
04/17/15 11:00	2083	2.6	179.0	36.8	62.6	62.2	0.00
04/17/15 12:00	2084	3.0	183.0	58.5	65.2	63.6	0.00

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04/17/15 13:00	2085	3.3	153.4	36.1	66.6	59.0	0.00
04/17/15 14:00	2086	4.3	294.1	73.0	67.3	59.8	0.00
04/17/15 15:00	2087	4.4	286.8	48.6	67.3	56.8	0.00
04/17/15 16:00	2088	5.2	251.3	31.9	67.7	54.7	0.00
04/17/15 17:00	2089	6.9	243.8	27.1	69.5	49.2	0.00
04/17/15 18:00	2090	4.8	330.9	54.7	68.7	52.8	0.00
04/17/15 19:00	2091	5.0	14.5	25.4	65.7	65.6	0.00
04/17/15 20:00	2092	1.5	34.5	86.2	59.2	79.4	0.00
04/17/15 21:00	2093	2.1	9.3	27.9	54.6	87.0	0.00
04/17/15 22:00	2094	2.4	33.8	23.6	51.6	91.3	0.00
04/17/15 23:00	2095	2.4	56.5	47.0	49.3	95.2	0.00
04/18/15 00:00	2096	2.8	46.3	29.9	47.8	96.0	0.00
04/18/15 01:00	2097	2.8	66.2	36.3	46.1	97.0	0.00
04/18/15 02:00	2098	3.3	50.8	18.9	45.1	98.8	0.00
04/18/15 03:00	2099	3.8	61.6	10.3	45.0	99.5	0.00
04/18/15 04:00	2100	4.5	49.3	12.3	44.5	99.8	0.00
04/18/15 05:00	2101	3.2	54.5	10.3	43.9	99.9	0.00
04/18/15 06:00	2102	3.0	70.5	13.0	43.1	100.0	0.00
04/18/15 07:00	2103	2.1	63.3	21.5	43.0	100.0	0.00
04/18/15 08:00	2104	1.8	43.3	28.8	43.6	99.7	0.00
04/18/15 09:00	2105	2.2	84.9	56.1	47.0	95.1	0.00
04/18/15 10:00	2106	1.8	149.2	77.7	56.7	63.7	0.00
04/18/15 11:00	2107	2.5	190.4	42.3	68.5	34.3	0.00
04/18/15 12:00	2108	5.0	254.6	55.8	74.4	27.8	0.00
04/18/15 13:00	2109	8.4	306.5	39.0	77.0	24.7	0.00
04/18/15 14:00	2110	8.0	288.7	43.4	78.1	22.7	0.00
04/18/15 15:00	2111	8.1	281.2	39.6	78.8	21.6	0.00
04/18/15 16:00	2112	8.8	303.3	45.0	79.1	23.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
04/18/15 17:00	2113	10.2	349.7	26.7	77.3	26.3	0.00
04/18/15 18:00	2114	12.5	2.4	20.6	71.5	30.6	0.00
04/18/15 19:00	2115	8.9	3.6	20.0	66.4	24.9	0.00
04/18/15 20:00	2116	3.8	347.2	37.8	62.3	32.8	0.00
04/18/15 21:00	2117	3.8	13.8	23.2	56.6	40.2	0.00
04/18/15 22:00	2118	5.2	34.0	11.7	52.2	48.4	0.00
04/18/15 23:00	2119	4.5	39.2	26.8	48.5	59.1	0.00
04/19/15 00:00	2120	3.7	44.4	35.8	45.6	67.2	0.00
04/19/15 01:00	2121	3.8	42.8	32.3	43.2	69.8	0.00
04/19/15 02:00	2122	4.7	46.3	17.8	42.1	75.7	0.00
04/19/15 03:00	2123	4.5	36.6	11.8	39.7	83.3	0.00
04/19/15 04:00	2124	4.6	43.9	10.8	37.9	84.4	0.00
04/19/15 05:00	2125	5.9	52.6	7.9	36.9	84.8	0.00
04/19/15 06:00	2126	5.3	45.5	11.7	35.4	85.7	0.00
04/19/15 07:00	2127	4.6	51.1	13.3	38.1	70.8	0.00
04/19/15 08:00	2128	2.7	65.7	24.5	45.3	50.3	0.00
04/19/15 09:00	2129	2.4	43.1	51.1	51.4	33.9	0.00
04/19/15 10:00	2130	4.6	181.8	46.4	56.7	34.3	0.00
04/19/15 11:00	2131	5.1	197.0	39.7	60.1	27.8	0.00
04/19/15 12:00	2132	5.0	165.3	59.7	63.1	23.7	0.00
04/19/15 13:00	2133	5.2	190.7	50.3	66.0	18.4	0.00
04/19/15 14:00	2134	5.8	192.4	49.2	68.4	18.5	0.00
04/19/15 15:00	2135	5.9	180.6	52.8	70.0	15.3	0.00
04/19/15 16:00	2136	6.5	182.1	35.8	70.0	18.7	0.00
04/19/15 17:00	2137	8.2	182.6	23.2	68.1	24.4	0.00
04/19/15 18:00	2138	8.3	175.9	20.4	64.9	26.7	0.00
04/19/15 19:00	2139	7.1	179.2	23.6	62.6	37.4	0.00
04/19/15 20:00	2140	8.5	174.6	23.0	59.0	42.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
04/19/15 21:00	2141	5.7	196.8	50.7	56.1	41.8	0.00
04/19/15 22:00	2142	4.2	246.3	83.3	54.1	39.5	0.00
04/19/15 23:00	2143	5.6	212.2	60.5	52.2	37.9	0.00
04/20/15 00:00	2144	4.8	222.9	73.6	49.8	53.1	0.00
04/20/15 01:00	2145	3.7	242.1	78.7	46.5	63.1	0.00
04/20/15 02:00	2146	4.8	32.7	83.9	45.5	56.9	0.00
04/20/15 03:00	2147	9.2	54.8	29.8	45.7	67.0	0.01
04/20/15 04:00	2148	6.0	20.7	43.8	46.3	72.1	0.00
04/20/15 05:00	2149	9.2	55.0	30.5	47.0	83.4	0.02
04/20/15 06:00	2150	9.5	49.8	26.9	47.1	89.4	0.14
04/20/15 07:00	2151	4.2	344.6	80.5	47.8	90.3	0.09
04/20/15 08:00	2152	3.3	235.5	54.0	49.5	88.5	0.08
04/20/15 09:00	2153	2.5	295.6	102.3	50.4	94.2	0.07
04/20/15 10:00	2154	3.4	75.0	19.2	51.0	93.8	0.04
04/20/15 11:00	2155	2.4	58.9	49.2	52.7	92.7	0.02
04/20/15 12:00	2156	3.1	15.6	69.8	54.7	89.0	0.00
04/20/15 13:00	2157	2.2	232.7	49.2	56.5	82.5	0.00
04/20/15 14:00	2158	5.8	53.4	30.7	59.1	77.3	0.00
04/20/15 15:00	2159	6.9	51.9	22.3	60.3	74.8	0.00
04/20/15 16:00	2160	5.5	46.9	24.9	61.8	73.5	0.00
04/20/15 17:00	2161	5.6	57.0	56.9	62.3	71.5	0.00
04/20/15 18:00	2162	4.1	32.9	58.1	62.1	76.4	0.00
04/20/15 19:00	2163	4.5	49.5	23.4	60.5	80.9	0.00
04/20/15 20:00	2164	4.7	55.4	19.7	58.4	85.1	0.00
04/20/15 21:00	2165	3.8	72.5	40.3	57.3	86.2	0.00
04/20/15 22:00	2166	4.2	323.5	81.3	56.7	91.0	0.15
04/20/15 23:00	2167	4.0	43.0	57.1	53.8	97.1	0.14
04/21/15 00:00	2168	2.6	32.8	80.3	53.1	98.5	0.14

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04/21/15 01:00	2169	2.2	324.9	91.8	52.9	98.5	0.18
04/21/15 02:00	2170	1.7	203.4	95.2	52.9	98.7	0.07
04/21/15 03:00	2171	1.6	132.4	82.6	52.6	99.2	0.03
04/21/15 04:00	2172	3.4	326.2	62.0	51.7	93.2	0.01
04/21/15 05:00	2173	2.7	15.0	50.4	51.4	90.6	0.01
04/21/15 06:00	2174	1.3	335.1	85.0	50.4	97.1	0.01
04/21/15 07:00	2175	4.4	256.2	77.8	49.4	86.9	0.01
04/21/15 08:00	2176	2.3	40.0	36.2	49.2	78.4	0.00
04/21/15 09:00	2177	4.8	242.5	82.2	52.7	48.6	0.01
04/21/15 10:00	2178	8.0	258.4	30.0	54.2	39.6	0.01
04/21/15 11:00	2179	8.4	261.9	30.4	56.0	42.5	0.00
04/21/15 12:00	2180	6.4	271.6	37.2	56.5	32.9	0.01
04/21/15 13:00	2181	8.5	235.9	36.7	57.8	28.9	0.00
04/21/15 14:00	2182	8.1	234.8	26.6	59.0	27.8	0.01
04/21/15 15:00	2183	8.9	231.1	29.7	59.9	28.0	0.00
04/21/15 16:00	2184	8.9	233.2	30.7	60.4	25.4	0.00
04/21/15 17:00	2185	7.4	229.0	28.3	59.2	29.6	0.01
04/21/15 18:00	2186	7.5	214.3	20.4	58.1	29.8	0.00
04/21/15 19:00	2187	5.1	206.8	18.5	56.3	41.0	0.01
04/21/15 20:00	2188	3.9	202.9	15.9	53.5	44.5	0.03
04/21/15 21:00	2189	4.7	206.1	22.3	53.5	36.3	0.01
04/21/15 22:00	2190	7.7	226.3	30.0	54.0	42.9	0.02
04/21/15 23:00	2191	7.9	208.8	22.1	49.7	66.0	0.00
04/22/15 00:00	2192	2.2	153.8	71.5	45.3	68.8	0.01
04/22/15 01:00	2193	2.2	347.6	80.4	43.6	76.5	0.01
04/22/15 02:00	2194	3.6	151.9	71.5	44.5	64.7	0.00
04/22/15 03:00	2195	5.0	147.9	31.2	45.9	67.7	0.00
04/22/15 04:00	2196	4.1	153.3	62.6	45.3	67.6	0.00

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04/22/15 05:00	2197	4.6	112.0	66.6	45.3	79.4	0.00
04/22/15 06:00	2198	2.6	349.0	33.2	40.9	79.9	0.00
04/22/15 07:00	2199	4.2	99.2	94.0	46.1	55.7	0.00
04/22/15 08:00	2200	8.2	169.5	24.1	51.4	49.3	0.00
04/22/15 09:00	2201	5.9	201.3	30.3	53.8	46.8	0.00
04/22/15 10:00	2202	8.1	175.0	24.7	56.1	42.0	0.00
04/22/15 11:00	2203	8.5	189.7	31.3	58.7	39.3	0.00
04/22/15 12:00	2204	8.4	280.7	52.4	51.8	78.1	0.00
04/22/15 13:00	2205	6.8	296.4	51.8	45.1	84.0	0.00
04/22/15 14:00	2206	3.0	209.7	47.3	48.3	66.4	0.01
04/22/15 15:00	2207	6.1	147.0	30.6	52.6	61.0	0.00
04/22/15 16:00	2208	9.8	239.8	32.3	54.2	45.7	0.00
04/22/15 17:00	2209	11.5	219.6	22.5	51.2	49.8	0.00
04/22/15 18:00	2210	7.3	227.3	23.0	50.5	47.8	0.00
04/22/15 19:00	2211	5.3	280.0	41.9	48.3	56.5	0.00
04/22/15 20:00	2212	3.3	287.3	43.6	46.4	71.4	0.00
04/22/15 21:00	2213	5.9	286.3	47.8	38.6	89.9	0.01
04/22/15 22:00	2214	2.4	167.9	64.3	37.3	91.9	0.00
04/22/15 23:00	2215	2.9	178.4	48.0	37.9	75.5	0.01
04/23/15 00:00	2216	2.9	223.4	51.1	38.5	73.9	0.00
04/23/15 01:00	2217	2.8	221.5	49.0	38.3	70.9	0.00
04/23/15 02:00	2218	3.2	263.1	45.7	37.7	72.6	0.00
04/23/15 03:00	2219	2.4	244.1	48.2	36.8	70.9	0.00
04/23/15 04:00	2220	2.9	278.4	34.3	37.1	67.7	0.00
04/23/15 05:00	2221	3.4	212.9	29.6	36.7	67.5	0.01
04/23/15 06:00	2222	3.8	216.3	33.9	36.4	62.3	0.00
04/23/15 07:00	2223	4.3	215.0	25.1	37.4	63.4	0.00
04/23/15 08:00	2224	4.9	218.2	30.0	38.4	57.7	0.00

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04/23/15 09:00	2225	6.5	244.1	27.5	39.2	59.1	0.00
04/23/15 10:00	2226	7.1	256.5	34.6	40.4	54.6	0.00
04/23/15 11:00	2227	6.3	274.3	47.9	40.1	60.6	0.00
04/23/15 12:00	2228	5.7	317.2	49.6	40.3	48.2	0.00
04/23/15 13:00	2229	6.9	297.3	46.1	41.7	48.8	0.00
04/23/15 14:00	2230	7.9	299.6	47.0	41.6	51.9	0.00
04/23/15 15:00	2231	7.1	301.9	47.6	40.7	44.7	0.01
04/23/15 16:00	2232	7.6	297.8	41.8	41.0	40.6	0.01
04/23/15 17:00	2233	6.2	307.3	46.0	40.9	42.8	0.00
04/23/15 18:00	2234	6.2	287.3	46.0	40.0	46.6	0.01
04/23/15 19:00	2235	6.2	306.0	41.8	39.0	45.8	0.00
04/23/15 20:00	2236	5.7	312.5	41.6	38.3	47.9	0.01
04/23/15 21:00	2237	6.2	295.5	41.4	37.7	48.9	0.00
04/23/15 22:00	2238	6.5	285.8	37.1	36.5	49.9	0.00
04/23/15 23:00	2239	6.9	304.9	40.9	35.6	51.2	0.00
04/24/15 00:00	2240	5.7	316.2	45.0	34.9	54.5	0.00
04/24/15 01:00	2241	5.8	309.5	47.5	34.8	54.9	0.00
04/24/15 02:00	2242	5.9	309.7	42.8	34.6	58.5	0.00
04/24/15 03:00	2243	4.9	301.1	41.8	34.2	58.3	0.00
04/24/15 04:00	2244	5.5	313.1	44.4	34.4	54.9	0.00
04/24/15 05:00	2245	4.8	295.8	46.0	34.1	61.3	0.00
04/24/15 06:00	2246	5.0	311.2	54.2	33.7	62.1	0.00
04/24/15 07:00	2247	4.9	308.1	41.6	34.5	56.2	0.00
04/24/15 08:00	2248	7.8	305.2	44.7	36.8	43.3	0.00
04/24/15 09:00	2249	8.3	295.6	41.2	37.8	46.9	0.00
04/24/15 10:00	2250	8.3	294.8	44.2	39.7	40.5	0.00
04/24/15 11:00	2251	7.9	309.0	39.4	41.5	35.4	0.00
04/24/15 12:00	2252	7.9	303.6	42.5	43.4	32.6	0.00

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04/24/15 13:00	2253	8.9	309.6	42.0	44.9	32.5	0.00
04/24/15 14:00	2254	9.1	313.9	40.5	45.8	31.7	0.00
04/24/15 15:00	2255	8.7	337.9	39.7	46.9	35.4	0.00
04/24/15 16:00	2256	10.5	357.6	25.1	46.3	36.1	0.00
04/24/15 17:00	2257	10.9	3.0	21.9	45.2	37.2	0.00
04/24/15 18:00	2258	8.4	357.2	26.1	44.1	41.8	0.00
04/24/15 19:00	2259	8.8	5.6	18.6	41.0	46.4	0.00
04/24/15 20:00	2260	5.8	17.5	17.1	38.7	52.6	0.00
04/24/15 21:00	2261	3.2	8.8	51.3	36.2	66.3	0.00
04/24/15 22:00	2262	2.2	29.6	20.3	35.1	66.8	0.00
04/24/15 23:00	2263	4.0	52.0	16.1	35.3	68.1	0.00
04/25/15 00:00	2264	4.3	50.8	11.5	34.2	73.8	0.00
04/25/15 01:00	2265	7.7	53.2	12.7	33.0	74.9	0.00
04/25/15 02:00	2266	6.0	36.3	10.7	32.1	75.1	0.00
04/25/15 03:00	2267	3.9	40.4	14.5	31.2	85.9	0.00
04/25/15 04:00	2268	2.4	55.4	52.2	29.6	82.7	0.00
04/25/15 05:00	2269	3.8	33.4	16.1	28.9	84.8	0.00
04/25/15 06:00	2270	3.0	36.6	17.2	28.9	81.4	0.00
04/25/15 07:00	2271	3.6	12.9	56.7	34.2	58.8	0.00
04/25/15 08:00	2272	5.0	303.5	38.6	38.1	53.5	0.00
04/25/15 09:00	2273	4.6	295.1	48.5	40.4	44.6	0.00
04/25/15 10:00	2274	5.5	287.6	42.9	43.1	45.6	0.00
04/25/15 11:00	2275	5.7	276.8	44.7	45.8	41.4	0.00
04/25/15 12:00	2276	5.5	307.2	65.8	49.2	42.8	0.00
04/25/15 13:00	2277	5.2	294.3	57.9	51.4	33.0	0.00
04/25/15 14:00	2278	5.4	284.5	63.7	53.1	33.7	0.00
04/25/15 15:00	2279	5.1	268.8	55.9	54.9	28.6	0.00
04/25/15 16:00	2280	5.4	313.8	49.1	55.3	28.9	0.00

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04/25/15 17:00	2281	5.8	323.9	50.2	55.7	29.2	0.00
04/25/15 18:00	2282	7.0	6.5	17.4	54.1	30.1	0.00
04/25/15 19:00	2283	4.7	2.3	15.9	51.9	36.0	0.00
04/25/15 20:00	2284	3.2	18.9	10.2	47.8	56.2	0.00
04/25/15 21:00	2285	3.3	33.8	25.6	42.6	63.7	0.00
04/25/15 22:00	2286	2.1	48.6	19.7	40.1	71.2	0.00
04/25/15 23:00	2287	2.6	43.9	22.5	37.8	79.7	0.00
04/26/15 00:00	2288	3.6	35.3	11.6	35.8	80.8	0.00
04/26/15 01:00	2289	4.6	36.0	16.9	34.1	84.7	0.00
04/26/15 02:00	2290	3.8	44.5	14.2	32.6	87.2	0.00
04/26/15 03:00	2291	4.6	38.9	10.2	31.2	89.7	0.00
04/26/15 04:00	2292	4.6	41.6	14.1	30.4	90.1	0.00
04/26/15 05:00	2293	3.7	47.1	11.6	29.8	91.9	0.00
04/26/15 06:00	2294	5.1	55.2	7.8	29.7	88.5	0.00
04/26/15 07:00	2295	3.4	66.2	18.2	33.6	70.2	0.00
04/26/15 08:00	2296	3.7	277.9	72.4	40.7	55.9	0.00
04/26/15 09:00	2297	4.8	265.4	33.9	45.2	53.9	0.00
04/26/15 10:00	2298	4.9	246.7	29.3	49.4	45.8	0.00
04/26/15 11:00	2299	3.5	276.1	62.9	51.0	39.2	0.00
04/26/15 12:00	2300	4.1	269.4	69.5	52.6	40.8	0.00
04/26/15 13:00	2301	5.4	332.8	43.4	53.6	37.1	0.00
04/26/15 14:00	2302	6.0	329.3	37.3	53.9	35.2	0.00
04/26/15 15:00	2303	6.0	338.0	34.4	54.5	34.4	0.00
04/26/15 16:00	2304	6.1	335.4	39.5	53.8	36.4	0.00
04/26/15 17:00	2305	6.9	339.1	27.2	52.6	39.4	0.00
04/26/15 18:00	2306	5.3	349.0	21.9	51.5	42.8	0.00
04/26/15 19:00	2307	5.0	350.9	22.0	50.3	47.0	0.00
04/26/15 20:00	2308	4.0	357.6	20.4	49.1	51.8	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
04/26/15 21:00	2309	5.1	3.3	18.8	47.8	52.0	0.00
04/26/15 22:00	2310	3.4	20.7	21.6	45.5	55.7	0.00
04/26/15 23:00	2311	3.0	15.3	27.4	44.6	56.0	0.00
04/27/15 00:00	2312	2.3	11.5	56.6	44.5	58.4	0.00
04/27/15 01:00	2313	2.8	37.1	38.9	44.3	60.0	0.00
04/27/15 02:00	2314	3.5	33.2	27.1	43.7	67.1	0.00
04/27/15 03:00	2315	2.4	36.0	21.0	42.2	83.8	0.00
04/27/15 04:00	2316	2.3	56.4	18.8	41.6	72.9	0.00
04/27/15 05:00	2317	1.4	139.6	97.3	42.8	68.9	0.00
04/27/15 06:00	2318	2.6	50.0	18.6	42.8	66.9	0.00
04/27/15 07:00	2319	1.6	56.2	58.5	43.5	67.8	0.00
04/27/15 08:00	2320	2.0	317.6	78.8	44.7	67.9	0.00
04/27/15 09:00	2321	3.9	293.4	43.3	45.9	66.4	0.00
04/27/15 10:00	2322	5.6	293.6	37.3	48.0	60.9	0.00
04/27/15 11:00	2323	5.5	302.7	37.3	49.4	56.2	0.00
04/27/15 12:00	2324	6.1	342.7	36.7	50.4	53.9	0.00
04/27/15 13:00	2325	6.9	329.4	35.1	50.9	53.9	0.00
04/27/15 14:00	2326	6.3	285.6	41.2	52.1	52.5	0.00
04/27/15 15:00	2327	6.5	296.7	40.9	52.2	59.0	0.00
04/27/15 16:00	2328	7.2	331.7	44.8	53.0	48.9	0.00
04/27/15 17:00	2329	9.5	357.8	23.1	51.3	52.8	0.00
04/27/15 18:00	2330	8.8	351.8	23.8	50.0	51.8	0.00
04/27/15 19:00	2331	6.1	339.3	34.5	49.2	56.2	0.00
04/27/15 20:00	2332	6.0	342.4	26.5	48.6	61.3	0.00
04/27/15 21:00	2333	7.0	342.3	28.5	47.6	69.8	0.00
04/27/15 22:00	2334	3.6	341.0	37.7	46.8	74.1	0.00
04/27/15 23:00	2335	4.0	333.2	39.6	46.7	75.1	0.00
04/28/15 00:00	2336	3.5	340.4	34.6	46.4	82.5	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
04/28/15 01:00	2337	4.1	344.8	33.3	46.3	80.6	0.00
04/28/15 02:00	2338	4.6	329.5	41.6	46.7	77.3	0.00
04/28/15 03:00	2339	4.8	333.7	34.1	47.4	74.8	0.00
04/28/15 04:00	2340	4.1	347.7	28.3	47.5	74.5	0.00
04/28/15 05:00	2341	4.3	351.9	32.5	46.6	76.8	0.00
04/28/15 06:00	2342	4.0	344.6	38.2	45.9	75.5	0.00
04/28/15 07:00	2343	4.4	336.4	47.5	47.2	70.2	0.00
04/28/15 08:00	2344	5.8	328.6	35.2	49.7	65.5	0.00
04/28/15 09:00	2345	6.4	336.1	35.6	53.5	56.6	0.00
04/28/15 10:00	2346	6.6	338.5	38.0	56.5	52.6	0.00
04/28/15 11:00	2347	8.4	338.0	32.2	58.0	49.4	0.00
04/28/15 12:00	2348	8.3	336.1	34.3	59.8	45.6	0.00
04/28/15 13:00	2349	7.2	327.3	39.7	61.5	41.6	0.00
04/28/15 14:00	2350	9.6	347.5	26.3	63.5	39.7	0.00
04/28/15 15:00	2351	8.7	342.6	30.9	65.5	37.5	0.00
04/28/15 16:00	2352	8.8	341.3	27.3	64.9	37.7	0.00
04/28/15 17:00	2353	7.6	342.8	28.0	63.8	40.3	0.00
04/28/15 18:00	2354	8.5	349.7	26.3	63.9	38.8	0.00
04/28/15 19:00	2355	7.4	352.1	27.8	61.9	41.7	0.00
04/28/15 20:00	2356	4.8	357.1	22.8	59.1	48.2	0.00
04/28/15 21:00	2357	3.1	24.6	24.9	55.2	64.8	0.00
04/28/15 22:00	2358	3.8	27.2	23.3	49.1	75.8	0.00
04/28/15 23:00	2359	3.1	16.6	26.9	46.0	79.4	0.00
04/29/15 00:00	2360	4.5	34.1	14.1	44.5	84.3	0.00
04/29/15 01:00	2361	5.0	29.8	12.8	42.5	89.0	0.00
04/29/15 02:00	2362	5.7	40.4	20.0	41.5	89.6	0.00
04/29/15 03:00	2363	5.9	55.7	15.7	40.8	89.2	0.00
04/29/15 04:00	2364	7.5	61.2	12.7	40.2	89.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
04/29/15 05:00	2365	6.2	67.4	11.9	39.3	91.6	0.00
04/29/15 06:00	2366	6.3	64.8	11.4	38.6	88.5	0.00
04/29/15 07:00	2367	5.6	67.2	18.2	41.9	77.2	0.00
04/29/15 08:00	2368	4.4	39.8	72.2	51.1	54.8	0.00
04/29/15 09:00	2369	5.2	258.3	33.9	57.5	52.0	0.00
04/29/15 10:00	2370	4.8	236.7	22.7	61.2	46.8	0.00
04/29/15 11:00	2371	4.7	278.8	45.4	64.7	37.7	0.00
04/29/15 12:00	2372	5.7	343.0	46.4	67.5	34.2	0.00
04/29/15 13:00	2373	7.0	324.3	49.2	69.1	30.2	0.00
04/29/15 14:00	2374	7.5	323.5	45.7	70.9	29.5	0.00
04/29/15 15:00	2375	8.3	348.2	27.1	71.5	28.8	0.00
04/29/15 16:00	2376	6.9	345.2	40.4	71.7	25.7	0.00
04/29/15 17:00	2377	7.5	359.5	28.9	71.6	26.9	0.00
04/29/15 18:00	2378	7.0	1.2	23.7	70.5	28.4	0.00
04/29/15 19:00	2379	6.1	9.1	16.8	67.4	32.8	0.00
04/29/15 20:00	2380	3.5	22.4	27.6	60.7	55.3	0.00
04/29/15 21:00	2381	2.1	35.0	49.0	54.0	62.9	0.00
04/29/15 22:00	2382	2.0	28.7	43.3	50.2	72.5	0.00
04/29/15 23:00	2383	3.9	28.1	21.5	48.1	76.6	0.00
04/30/15 00:00	2384	3.2	34.9	11.7	45.9	83.8	0.00
04/30/15 01:00	2385	4.0	32.6	13.5	44.0	85.5	0.00
04/30/15 02:00	2386	4.2	33.4	15.0	42.1	88.3	0.00
04/30/15 03:00	2387	5.5	50.9	11.5	41.5	87.7	0.00
04/30/15 04:00	2388	5.2	54.8	11.0	40.2	90.1	0.00
04/30/15 05:00	2389	5.7	48.5	14.1	39.0	92.0	0.00
04/30/15 06:00	2390	5.4	52.1	11.2	38.4	88.7	0.00
04/30/15 07:00	2391	4.1	59.8	11.3	42.0	74.6	0.00
04/30/15 08:00	2392	1.5	50.7	53.8	50.5	57.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
04/30/15 09:00	2393	1.8	54.2	72.0	58.1	52.0	0.00
04/30/15 10:00	2394	3.1	241.1	43.3	62.3	46.2	0.00
04/30/15 11:00	2395	3.8	245.4	36.6	65.7	36.6	0.00
04/30/15 12:00	2396	4.9	43.0	87.6	68.8	32.4	0.00
04/30/15 13:00	2397	6.6	51.7	62.2	70.1	28.9	0.00
04/30/15 14:00	2398	7.0	67.4	54.6	71.3	27.9	0.00
04/30/15 15:00	2399	5.8	74.6	47.4	72.2	23.9	0.00
04/30/15 16:00	2400	5.5	55.6	46.4	72.1	24.1	0.00
04/30/15 17:00	2401	5.7	26.7	46.4	71.7	25.0	0.00
04/30/15 18:00	2402	5.8	43.6	20.9	70.8	27.7	0.00
04/30/15 19:00	2403	4.0	62.5	20.5	69.0	35.6	0.00
04/30/15 20:00	2404	7.2	158.9	19.5	64.2	47.3	0.00
04/30/15 21:00	2405	6.9	161.5	19.6	61.6	48.9	0.00
04/30/15 22:00	2406	7.0	162.5	19.0	59.6	53.7	0.00
04/30/15 23:00	2407	6.0	175.5	23.0	57.1	62.2	0.00
05/01/15 00:00	2408	4.4	165.9	24.1	54.6	68.1	0.00
05/01/15 01:00	2409	3.6	171.8	42.7	53.1	72.0	0.00
05/01/15 02:00	2410	2.2	37.2	53.8	52.4	73.2	0.00
05/01/15 03:00	2411	4.2	147.8	85.1	52.5	71.1	0.00
05/01/15 04:00	2412	6.0	137.1	15.2	52.3	68.5	0.00
05/01/15 05:00	2413	4.0	128.0	30.4	52.3	65.0	0.00
05/01/15 06:00	2414	3.9	150.2	28.9	51.1	62.0	0.00
05/01/15 07:00	2415	3.3	168.4	31.4	51.5	60.2	0.00
05/01/15 08:00	2416	4.6	148.8	19.1	51.6	58.7	0.00
05/01/15 09:00	2417	3.5	139.4	17.5	51.9	58.9	0.00
05/01/15 10:00	2418	3.9	144.0	28.8	52.2	60.7	0.00
05/01/15 11:00	2419	3.1	148.3	22.9	53.3	67.7	0.00
05/01/15 12:00	2420	2.7	183.0	27.8	55.6	60.4	0.00

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05/01/15 13:00	2421	3.3	171.2	21.9	57.4	61.1	0.00
05/01/15 14:00	2422	3.4	163.5	28.0	58.9	55.9	0.00
05/01/15 15:00	2423	3.0	220.0	53.0	62.0	47.4	0.00
05/01/15 16:00	2424	3.4	341.0	54.9	61.4	66.2	0.00
05/01/15 17:00	2425	3.4	118.0	86.9	55.9	79.4	0.00
05/01/15 18:00	2426	1.4	224.9	60.5	55.8	78.3	0.00
05/01/15 19:00	2427	1.1	69.5	69.2	55.2	83.5	0.00
05/01/15 20:00	2428	3.6	53.1	13.1	54.1	89.1	0.00
05/01/15 21:00	2429	4.2	47.4	13.3	53.0	92.1	0.00
05/01/15 22:00	2430	3.8	59.2	17.2	51.7	94.8	0.00
05/01/15 23:00	2431	3.6	50.5	13.9	50.6	94.9	0.00
05/02/15 00:00	2432	2.6	54.9	16.7	49.9	95.9	0.00
05/02/15 01:00	2433	3.0	72.9	25.1	49.5	95.7	0.00
05/02/15 02:00	2434	4.4	57.1	13.3	47.5	99.1	0.00
05/02/15 03:00	2435	4.2	44.4	15.2	45.6	99.4	0.00
05/02/15 04:00	2436	4.8	54.6	12.5	44.5	99.7	0.00
05/02/15 05:00	2437	4.6	55.4	11.1	43.7	99.8	0.00
05/02/15 06:00	2438	4.2	57.1	12.2	43.6	99.8	0.00
05/02/15 07:00	2439	4.8	48.2	9.0	44.3	99.5	0.00
05/02/15 08:00	2440	3.1	63.6	29.6	48.5	87.5	0.00
05/02/15 09:00	2441	2.6	166.7	49.9	58.2	52.9	0.00
05/02/15 10:00	2442	4.7	232.2	24.3	63.7	46.6	0.00
05/02/15 11:00	2443	4.7	232.2	26.4	67.0	41.6	0.00
05/02/15 12:00	2444	4.2	306.0	84.4	68.9	31.4	0.00
05/02/15 13:00	2445	5.1	326.8	70.1	70.0	29.2	0.00
05/02/15 14:00	2446	5.8	355.3	41.9	71.7	23.5	0.00
05/02/15 15:00	2447	4.7	330.6	58.2	73.2	24.8	0.00
05/02/15 16:00	2448	5.7	302.0	43.7	73.6	26.5	0.00

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05/02/15 17:00	2449	4.0	308.0	46.8	73.3	24.3	0.00
05/02/15 18:00	2450	5.6	334.1	38.5	73.3	23.9	0.00
05/02/15 19:00	2451	5.9	10.7	12.8	70.0	29.4	0.00
05/02/15 20:00	2452	2.8	11.0	15.7	61.9	55.7	0.00
05/02/15 21:00	2453	1.7	21.5	24.5	55.8	61.9	0.00
05/02/15 22:00	2454	3.0	22.0	15.4	52.0	67.2	0.00
05/02/15 23:00	2455	3.3	25.8	9.9	49.2	72.7	0.00
05/03/15 00:00	2456	3.8	37.4	14.1	47.7	74.5	0.00
05/03/15 01:00	2457	3.5	48.4	11.4	46.1	78.1	0.00
05/03/15 02:00	2458	3.8	50.3	13.2	44.3	82.0	0.00
05/03/15 03:00	2459	4.7	47.2	13.7	42.7	83.1	0.00
05/03/15 04:00	2460	4.4	48.8	18.4	41.3	85.4	0.00
05/03/15 05:00	2461	5.1	62.9	11.5	40.6	88.1	0.00
05/03/15 06:00	2462	4.5	66.1	12.3	40.1	83.8	0.00
05/03/15 07:00	2463	3.1	82.8	29.5	43.3	74.7	0.00
05/03/15 08:00	2464	1.6	118.9	46.5	50.4	61.2	0.00
05/03/15 09:00	2465	1.9	171.1	35.0	57.7	44.1	0.00
05/03/15 10:00	2466	2.0	163.3	56.3	66.7	34.6	0.00
05/03/15 11:00	2467	3.5	196.6	42.2	71.8	26.4	0.00
05/03/15 12:00	2468	4.4	213.2	55.0	74.4	20.7	0.00
05/03/15 13:00	2469	4.5	284.0	84.6	76.2	19.9	0.00
05/03/15 14:00	2470	3.8	242.2	89.2	77.2	24.2	0.00
05/03/15 15:00	2471	5.0	310.2	73.2	78.7	17.0	0.00
05/03/15 16:00	2472	4.9	321.2	68.2	79.2	17.7	0.00
05/03/15 17:00	2473	4.0	287.1	56.6	78.7	21.1	0.00
05/03/15 18:00	2474	2.3	281.5	69.6	77.0	21.9	0.00
05/03/15 19:00	2475	1.5	183.4	34.7	72.5	42.1	0.00
05/03/15 20:00	2476	1.1	89.7	35.2	64.1	56.5	0.00

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05/03/15 21:00	2477	1.5	55.1	46.1	58.9	61.3	0.00
05/03/15 22:00	2478	1.8	48.6	23.1	55.5	71.1	0.00
05/03/15 23:00	2479	2.2	52.3	33.6	52.9	75.4	0.00
05/04/15 00:00	2480	2.9	74.2	20.3	52.6	74.0	0.00
05/04/15 01:00	2481	2.8	68.8	19.6	52.3	71.1	0.00
05/04/15 02:00	2482	2.8	68.7	16.6	51.2	75.5	0.00
05/04/15 03:00	2483	3.1	54.4	16.0	49.8	78.3	0.00
05/04/15 04:00	2484	3.0	57.8	13.6	49.1	79.0	0.00
05/04/15 05:00	2485	3.1	66.0	15.4	48.8	82.3	0.00
05/04/15 06:00	2486	3.5	64.9	10.5	48.3	77.2	0.00
05/04/15 07:00	2487	2.7	70.2	35.3	50.9	73.0	0.00
05/04/15 08:00	2488	1.6	129.3	45.4	56.6	56.2	0.00
05/04/15 09:00	2489	1.7	77.6	66.3	64.7	45.5	0.00
05/04/15 10:00	2490	2.2	231.8	81.7	71.4	33.4	0.00
05/04/15 11:00	2491	7.1	205.4	34.9	78.4	23.5	0.00
05/04/15 12:00	2492	9.1	209.2	28.7	80.3	23.3	0.00
05/04/15 13:00	2493	10.4	206.3	26.2	81.3	22.5	0.00
05/04/15 14:00	2494	9.4	207.7	26.9	82.8	21.1	0.00
05/04/15 15:00	2495	7.9	200.3	23.4	83.4	24.7	0.00
05/04/15 16:00	2496	8.2	203.7	26.9	83.5	23.2	0.00
05/04/15 17:00	2497	7.7	202.6	21.5	83.3	24.7	0.00
05/04/15 18:00	2498	7.0	204.6	21.6	82.1	23.4	0.00
05/04/15 19:00	2499	7.1	206.2	23.8	79.5	24.6	0.00
05/04/15 20:00	2500	7.0	215.1	23.4	78.0	29.3	0.00
05/04/15 21:00	2501	5.9	211.7	18.0	76.0	33.9	0.00
05/04/15 22:00	2502	6.3	203.7	17.6	75.7	34.0	0.00
05/04/15 23:00	2503	4.7	220.3	49.2	75.0	35.8	0.00
05/05/15 00:00	2504	1.9	356.7	67.6	73.2	47.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
05/05/15 01:00	2505	1.9	349.2	87.7	68.5	58.2	0.00
05/05/15 02:00	2506	1.6	214.9	88.0	68.4	56.7	0.00
05/05/15 03:00	2507	2.3	19.7	63.1	68.8	63.9	0.00
05/05/15 04:00	2508	1.2	13.2	62.8	66.5	79.1	0.00
05/05/15 05:00	2509	2.2	43.2	35.5	62.9	89.1	0.00
05/05/15 06:00	2510	1.9	358.9	86.4	63.3	74.0	0.00
05/05/15 07:00	2511	2.3	319.1	55.1	65.4	73.2	0.00
05/05/15 08:00	2512	3.5	311.2	39.7	66.1	71.5	0.00
05/05/15 09:00	2513	3.8	315.1	50.4	68.1	58.9	0.00
05/05/15 10:00	2514	4.9	358.4	53.5	71.5	42.1	0.00
05/05/15 11:00	2515	4.7	269.2	74.3	73.7	43.5	0.00
05/05/15 12:00	2516	4.5	246.4	61.6	74.6	42.1	0.00
05/05/15 13:00	2517	4.6	286.4	57.4	75.7	34.1	0.00
05/05/15 14:00	2518	4.3	312.7	54.5	77.1	31.0	0.00
05/05/15 15:00	2519	5.4	356.1	31.3	78.1	30.0	0.00
05/05/15 16:00	2520	5.0	338.7	50.2	79.3	32.0	0.00
05/05/15 17:00	2521	3.4	316.5	51.7	79.2	32.7	0.00
05/05/15 18:00	2522	3.1	1.7	47.6	77.1	34.1	0.00
05/05/15 19:00	2523	2.6	7.3	19.9	74.9	45.1	0.00
05/05/15 20:00	2524	4.2	31.9	27.8	72.8	41.6	0.00
05/05/15 21:00	2525	2.0	359.4	41.8	69.5	47.8	0.00
05/05/15 22:00	2526	3.0	0.3	35.8	68.6	46.5	0.00
05/05/15 23:00	2527	2.5	287.7	54.7	67.0	61.5	0.00
05/06/15 00:00	2528	1.9	23.9	66.4	63.3	82.8	0.00
05/06/15 01:00	2529	1.8	117.7	74.7	59.3	92.2	0.04
05/06/15 02:00	2530	1.4	102.7	90.1	58.1	94.0	0.04
05/06/15 03:00	2531	2.6	354.0	35.7	57.6	93.6	0.02
05/06/15 04:00	2532	2.1	342.0	46.7	56.7	93.7	0.01

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
05/06/15 05:00	2533	3.9	357.9	21.8	55.6	88.9	0.00
05/06/15 06:00	2534	1.9	330.6	45.0	53.7	95.3	0.02
05/06/15 07:00	2535	1.3	192.3	70.2	53.5	94.5	0.01
05/06/15 08:00	2536	2.1	65.7	52.6	54.2	92.8	0.02
05/06/15 09:00	2537	2.5	68.8	40.8	54.4	92.4	0.03
05/06/15 10:00	2538	3.3	197.4	44.8	55.5	87.5	0.00
05/06/15 11:00	2539	3.4	179.1	36.9	57.1	79.9	0.00
05/06/15 12:00	2540	2.7	215.8	26.7	58.5	78.3	0.00
05/06/15 13:00	2541	1.8	198.6	75.0	59.6	72.6	0.00
05/06/15 14:00	2542	2.8	193.5	69.7	61.8	67.4	0.00
05/06/15 15:00	2543	3.3	188.9	58.2	63.2	63.3	0.00
05/06/15 16:00	2544	2.4	205.9	73.9	65.9	54.1	0.00
05/06/15 17:00	2545	2.8	214.7	50.6	68.4	49.7	0.00
05/06/15 18:00	2546	2.9	183.5	78.8	68.7	53.2	0.00
05/06/15 19:00	2547	1.6	238.2	51.7	66.0	67.4	0.00
05/06/15 20:00	2548	3.0	44.9	30.3	60.6	77.7	0.00
05/06/15 21:00	2549	2.5	48.6	23.4	57.3	88.3	0.00
05/06/15 22:00	2550	4.7	65.0	12.5	55.1	88.0	0.00
05/06/15 23:00	2551	3.6	61.4	13.9	53.4	93.4	0.00
05/07/15 00:00	2552	5.0	61.2	11.3	51.8	93.3	0.00
05/07/15 01:00	2553	4.0	57.9	10.8	51.1	94.7	0.00
05/07/15 02:00	2554	4.8	57.4	12.0	50.2	94.3	0.00
05/07/15 03:00	2555	4.8	57.6	9.3	49.6	95.0	0.00
05/07/15 04:00	2556	5.4	59.8	10.2	49.3	94.1	0.00
05/07/15 05:00	2557	5.7	52.5	11.3	48.9	93.7	0.00
05/07/15 06:00	2558	5.6	52.5	12.0	48.7	91.4	0.00
05/07/15 07:00	2559	4.3	63.0	14.4	50.1	87.1	0.00
05/07/15 08:00	2560	2.8	78.6	32.5	53.8	73.9	0.00

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05/07/15 09:00	2561	1.7	61.8	57.4	61.5	62.0	0.00
05/07/15 10:00	2562	2.0	259.9	91.8	69.4	55.9	0.00
05/07/15 11:00	2563	3.7	222.4	63.4	73.1	52.2	0.00
05/07/15 12:00	2564	4.3	179.5	33.8	76.1	45.0	0.00
05/07/15 13:00	2565	5.1	179.4	36.5	77.7	46.2	0.00
05/07/15 14:00	2566	4.7	193.8	52.4	79.5	42.9	0.00
05/07/15 15:00	2567	4.8	188.1	44.5	80.5	39.4	0.00
05/07/15 16:00	2568	3.3	194.2	53.8	80.9	39.9	0.00
05/07/15 17:00	2569	3.8	193.5	43.3	81.3	37.8	0.00
05/07/15 18:00	2570	3.4	204.6	28.8	80.3	40.8	0.00
05/07/15 19:00	2571	2.1	194.5	30.2	77.0	53.9	0.00
05/07/15 20:00	2572	1.7	39.9	50.9	70.3	69.3	0.00
05/07/15 21:00	2573	1.8	35.9	64.9	65.4	76.6	0.00
05/07/15 22:00	2574	2.4	47.8	69.5	62.9	79.7	0.00
05/07/15 23:00	2575	3.2	18.0	68.8	61.2	83.7	0.00
05/08/15 00:00	2576	4.4	44.7	56.3	60.6	84.2	0.00
05/08/15 01:00	2577	5.1	67.1	14.0	60.0	85.9	0.00
05/08/15 02:00	2578	3.9	47.1	20.3	57.6	93.1	0.00
05/08/15 03:00	2579	3.5	70.7	24.0	56.8	91.9	0.00
05/08/15 04:00	2580	4.2	57.0	18.0	55.2	94.5	0.00
05/08/15 05:00	2581	3.5	51.2	26.4	54.3	95.8	0.00
05/08/15 06:00	2582	3.6	72.2	20.5	54.4	90.9	0.00
05/08/15 07:00	2583	2.6	97.4	35.8	57.6	81.1	0.00
05/08/15 08:00	2584	1.8	100.2	52.0	63.6	68.2	0.00
05/08/15 09:00	2585	1.7	142.4	85.8	72.4	54.9	0.00
05/08/15 10:00	2586	2.6	229.7	64.8	77.3	53.9	0.00
05/08/15 11:00	2587	2.2	232.9	45.8	81.9	40.6	0.00
05/08/15 12:00	2588	2.9	226.4	53.7	84.1	42.8	0.00

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05/08/15 13:00	2589	2.9	188.9	35.8	84.8	38.1	0.00
05/08/15 14:00	2590	2.6	193.4	51.8	84.7	38.6	0.00
05/08/15 15:00	2591	3.0	280.3	69.2	87.3	33.9	0.00
05/08/15 16:00	2592	3.2	232.7	89.0	88.2	30.7	0.00
05/08/15 17:00	2593	3.0	264.1	45.0	88.8	30.3	0.00
05/08/15 18:00	2594	2.1	188.1	42.7	87.0	36.0	0.00
05/08/15 19:00	2595	3.8	166.8	30.9	83.3	45.4	0.00
05/08/15 20:00	2596	4.4	158.6	24.9	79.9	48.0	0.00
05/08/15 21:00	2597	4.8	160.2	29.0	78.3	50.2	0.00
05/08/15 22:00	2598	7.0	143.7	21.1	76.9	54.2	0.00
05/08/15 23:00	2599	7.0	142.9	20.0	75.1	57.1	0.00
05/09/15 00:00	2600	4.1	174.9	29.4	72.6	62.6	0.00
05/09/15 01:00	2601	4.3	159.6	34.4	71.2	62.7	0.00
05/09/15 02:00	2602	7.3	144.9	15.0	69.7	67.7	0.00
05/09/15 03:00	2603	8.5	145.2	15.3	68.0	70.9	0.00
05/09/15 04:00	2604	3.1	208.9	71.7	65.2	82.2	0.00
05/09/15 05:00	2605	1.4	343.7	64.9	60.4	86.2	0.00
05/09/15 06:00	2606	2.2	302.9	66.6	61.4	80.5	0.00
05/09/15 07:00	2607	4.4	119.8	67.0	65.2	62.5	0.00
05/09/15 08:00	2608	5.6	138.4	23.3	68.3	60.5	0.00
05/09/15 09:00	2609	6.1	148.8	36.1	70.7	59.1	0.00
05/09/15 10:00	2610	5.7	166.9	29.9	73.8	61.4	0.00
05/09/15 11:00	2611	6.7	172.9	25.7	75.7	50.5	0.00
05/09/15 12:00	2612	6.5	186.9	39.3	79.0	39.4	0.00
05/09/15 13:00	2613	6.1	188.2	41.6	81.4	36.1	0.00
05/09/15 14:00	2614	6.3	179.4	31.9	83.2	40.9	0.00
05/09/15 15:00	2615	7.4	176.4	29.7	82.4	42.5	0.00
05/09/15 16:00	2616	7.8	172.9	26.0	81.3	44.9	0.00

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05/09/15 17:00	2617	7.5	176.4	28.8	81.0	45.6	0.00
05/09/15 18:00	2618	6.7	179.2	26.0	79.7	49.6	0.00
05/09/15 19:00	2619	6.2	171.9	24.8	76.2	60.5	0.00
05/09/15 20:00	2620	6.2	152.8	20.9	72.8	67.1	0.00
05/09/15 21:00	2621	7.0	136.8	21.5	71.4	70.3	0.00
05/09/15 22:00	2622	6.2	128.0	20.9	70.6	74.6	0.00
05/09/15 23:00	2623	4.7	115.7	25.0	69.3	78.0	0.00
05/10/15 00:00	2624	5.1	124.0	32.2	68.0	82.0	0.00
05/10/15 01:00	2625	6.1	124.1	22.5	67.2	81.7	0.00
05/10/15 02:00	2626	6.0	136.4	17.3	67.1	81.9	0.00
05/10/15 03:00	2627	5.2	151.1	24.1	66.5	85.0	0.00
05/10/15 04:00	2628	5.8	135.7	22.2	66.3	83.8	0.00
05/10/15 05:00	2629	4.1	156.5	48.5	66.0	87.4	0.00
05/10/15 06:00	2630	6.0	145.1	37.6	65.9	81.6	0.00
05/10/15 07:00	2631	6.0	139.6	17.7	67.5	77.3	0.00
05/10/15 08:00	2632	4.4	147.0	29.3	71.4	70.5	0.00
05/10/15 09:00	2633	5.5	181.8	29.3	75.2	65.5	0.00
05/10/15 10:00	2634	7.4	159.7	19.0	76.1	60.7	0.00
05/10/15 11:00	2635	7.5	171.8	26.5	78.2	56.4	0.00
05/10/15 12:00	2636	7.0	178.9	26.1	81.1	49.5	0.00
05/10/15 13:00	2637	6.4	179.7	28.0	83.8	45.1	0.00
05/10/15 14:00	2638	6.6	182.3	35.2	85.2	48.4	0.00
05/10/15 15:00	2639	7.0	215.6	33.6	86.2	38.5	0.00
05/10/15 16:00	2640	6.9	213.5	35.3	86.4	39.4	0.00
05/10/15 17:00	2641	5.8	210.4	38.2	86.0	41.0	0.00
05/10/15 18:00	2642	4.8	210.0	39.1	85.0	43.4	0.00
05/10/15 19:00	2643	2.6	227.2	36.0	82.3	47.7	0.00
05/10/15 20:00	2644	2.6	205.0	87.2	77.0	61.7	0.00

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05/10/15 21:00	2645	2.1	10.0	69.2	71.9	72.0	0.00
05/10/15 22:00	2646	2.2	74.8	75.8	69.5	80.2	0.00
05/10/15 23:00	2647	1.8	126.2	87.9	67.0	85.1	0.00
05/11/15 00:00	2648	1.7	42.6	51.6	65.2	89.3	0.00
05/11/15 01:00	2649	1.9	351.4	79.1	63.4	92.5	0.00
05/11/15 02:00	2650	1.5	302.7	86.8	62.7	95.6	0.00
05/11/15 03:00	2651	1.8	349.9	59.3	62.1	95.7	0.00
05/11/15 04:00	2652	3.1	52.6	93.3	63.8	87.8	0.00
05/11/15 05:00	2653	2.3	352.3	63.6	65.3	89.9	0.00
05/11/15 06:00	2654	3.7	355.3	97.3	67.6	86.3	0.00
05/11/15 07:00	2655	5.0	163.2	48.8	70.7	77.1	0.00
05/11/15 08:00	2656	5.8	176.6	32.8	73.8	68.1	0.00
05/11/15 09:00	2657	5.2	193.1	35.6	75.0	67.3	0.00
05/11/15 10:00	2658	5.3	189.5	30.8	78.0	61.6	0.00
05/11/15 11:00	2659	6.3	216.8	41.8	79.3	56.9	0.00
05/11/15 12:00	2660	6.4	219.6	29.0	82.2	51.4	0.00
05/11/15 13:00	2661	6.5	201.8	32.6	84.5	44.7	0.00
05/11/15 14:00	2662	6.7	202.4	38.0	85.6	48.2	0.00
05/11/15 15:00	2663	6.0	197.3	35.7	86.1	45.3	0.00
05/11/15 16:00	2664	7.0	215.8	33.6	87.0	40.3	0.00
05/11/15 17:00	2665	7.3	204.1	38.9	86.5	41.8	0.00
05/11/15 18:00	2666	5.7	180.4	28.8	84.9	46.1	0.00
05/11/15 19:00	2667	4.1	173.4	27.4	81.7	54.2	0.00
05/11/15 20:00	2668	5.7	167.1	28.8	79.3	59.0	0.00
05/11/15 21:00	2669	4.9	164.9	33.1	77.0	62.7	0.00
05/11/15 22:00	2670	5.9	123.6	25.2	75.5	67.0	0.00
05/11/15 23:00	2671	7.3	131.8	27.3	74.0	73.6	0.00
05/12/15 00:00	2672	7.2	143.5	20.4	72.8	75.7	0.00

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05/12/15 01:00	2673	4.1	173.7	40.3	71.6	78.2	0.00
05/12/15 02:00	2674	4.7	174.0	36.5	71.9	79.5	0.00
05/12/15 03:00	2675	3.4	172.4	37.9	70.0	90.4	0.00
05/12/15 04:00	2676	2.2	256.5	71.2	68.0	95.3	0.01
05/12/15 05:00	2677	1.5	256.4	87.2	66.5	96.9	0.00
05/12/15 06:00	2678	2.5	232.8	61.1	66.6	90.7	0.00
05/12/15 07:00	2679	2.1	215.3	77.6	68.5	74.8	0.00
05/12/15 08:00	2680	3.8	228.4	56.6	71.8	69.9	0.00
05/12/15 09:00	2681	5.9	238.3	29.9	73.4	59.2	0.00
05/12/15 10:00	2682	5.4	242.8	30.8	75.1	54.1	0.00
05/12/15 11:00	2683	7.6	241.2	29.9	75.6	47.3	0.00
05/12/15 12:00	2684	8.9	227.3	33.6	77.7	40.1	0.00
05/12/15 13:00	2685	10.2	231.1	30.3	80.0	34.0	0.00
05/12/15 14:00	2686	10.6	221.2	27.6	80.9	32.6	0.00
05/12/15 15:00	2687	11.1	224.7	25.7	80.3	35.1	0.00
05/12/15 16:00	2688	8.7	225.3	32.3	79.8	30.2	0.00
05/12/15 17:00	2689	8.8	232.4	31.6	79.3	28.6	0.00
05/12/15 18:00	2690	8.0	249.3	32.6	77.3	31.9	0.00
05/12/15 19:00	2691	8.6	354.6	33.7	67.5	53.6	0.00
05/12/15 20:00	2692	7.4	359.7	33.1	63.8	51.6	0.00
05/12/15 21:00	2693	7.7	350.1	38.7	61.1	51.9	0.00
05/12/15 22:00	2694	6.5	325.6	53.2	59.4	51.6	0.00
05/12/15 23:00	2695	4.6	301.2	65.2	57.6	50.7	0.00
05/13/15 00:00	2696	3.2	290.7	65.2	56.6	51.0	0.00
05/13/15 01:00	2697	4.0	336.6	54.8	56.0	55.5	0.00
05/13/15 02:00	2698	3.1	298.7	66.4	54.4	57.9	0.00
05/13/15 03:00	2699	3.6	335.2	62.9	54.4	58.0	0.00
05/13/15 04:00	2700	4.9	315.2	66.4	54.6	57.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
05/13/15 05:00	2701	4.8	329.0	58.4	54.8	58.2	0.00
05/13/15 06:00	2702	5.1	311.1	61.1	54.6	58.6	0.00
05/13/15 07:00	2703	6.0	295.1	54.5	54.9	59.4	0.00
05/13/15 08:00	2704	5.8	292.8	48.5	55.4	59.1	0.00
05/13/15 09:00	2705	7.7	286.5	41.7	56.2	56.0	0.00
05/13/15 10:00	2706	7.2	291.1	43.6	55.6	57.2	0.00
05/13/15 11:00	2707	6.0	298.2	48.0	55.8	58.0	0.00
05/13/15 12:00	2708	6.9	344.7	43.3	54.7	55.8	0.00
05/13/15 13:00	2709	7.4	346.6	42.8	55.0	52.2	0.00
05/13/15 14:00	2710	8.0	351.9	30.0	54.7	57.6	0.00
05/13/15 15:00	2711	7.5	336.5	45.5	54.1	57.3	0.00
05/13/15 16:00	2712	6.8	352.2	42.7	53.2	63.1	0.00
05/13/15 17:00	2713	6.6	358.6	30.8	51.7	61.3	0.00
05/13/15 18:00	2714	5.1	343.3	39.4	51.8	60.4	0.00
05/13/15 19:00	2715	3.8	337.2	48.7	51.3	64.1	0.00
05/13/15 20:00	2716	3.3	350.1	44.5	49.6	66.9	0.00
05/13/15 21:00	2717	2.6	12.8	23.3	47.6	76.8	0.00
05/13/15 22:00	2718	2.5	8.1	46.1	46.6	79.1	0.00
05/13/15 23:00	2719	3.1	8.6	47.0	46.0	78.0	0.00
05/14/15 00:00	2720	3.4	41.2	25.4	44.6	83.1	0.00
05/14/15 01:00	2721	4.3	47.5	13.9	41.9	91.9	0.00
05/14/15 02:00	2722	5.9	47.2	15.1	39.9	93.8	0.00
05/14/15 03:00	2723	7.3	53.0	10.3	38.5	94.7	0.00
05/14/15 04:00	2724	6.2	50.6	13.5	37.1	95.3	0.00
05/14/15 05:00	2725	6.4	52.0	11.7	35.6	97.3	0.00
05/14/15 06:00	2726	5.8	60.2	11.0	34.8	97.3	0.00
05/14/15 07:00	2727	5.7	58.7	12.2	37.4	87.6	0.00
05/14/15 08:00	2728	3.2	21.4	81.9	46.7	64.8	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
05/14/15 09:00	2729	4.8	293.5	43.1	51.4	55.7	0.00
05/14/15 10:00	2730	4.0	253.8	45.7	55.0	47.3	0.00
05/14/15 11:00	2731	4.2	266.0	92.7	59.0	34.9	0.00
05/14/15 12:00	2732	5.4	35.5	65.9	61.6	28.6	0.00
05/14/15 13:00	2733	4.5	328.2	86.2	64.1	30.3	0.00
05/14/15 14:00	2734	5.2	249.5	50.4	66.0	26.1	0.00
05/14/15 15:00	2735	4.8	251.5	61.1	67.3	23.3	0.00
05/14/15 16:00	2736	4.7	276.8	67.2	68.6	21.2	0.00
05/14/15 17:00	2737	5.1	3.3	39.1	68.4	22.2	0.00
05/14/15 18:00	2738	3.5	343.8	52.3	68.4	20.8	0.00
05/14/15 19:00	2739	2.0	345.7	44.2	66.6	39.5	0.00
05/14/15 20:00	2740	1.6	85.9	62.7	57.4	52.0	0.00
05/14/15 21:00	2741	2.4	67.0	37.2	53.8	57.6	0.00
05/14/15 22:00	2742	2.7	57.9	27.8	49.7	64.8	0.00
05/14/15 23:00	2743	4.0	53.8	17.2	47.9	73.4	0.00
05/15/15 00:00	2744	3.7	57.6	16.1	45.8	78.2	0.00
05/15/15 01:00	2745	3.9	65.2	11.6	44.4	86.1	0.00
05/15/15 02:00	2746	4.1	66.1	10.6	43.0	88.6	0.00
05/15/15 03:00	2747	4.3	57.8	8.0	42.3	89.5	0.00
05/15/15 04:00	2748	4.5	65.3	12.4	42.1	87.5	0.00
05/15/15 05:00	2749	4.0	59.2	10.0	41.9	89.6	0.00
05/15/15 06:00	2750	3.6	59.5	9.3	41.8	88.2	0.00
05/15/15 07:00	2751	3.0	75.1	26.4	44.2	79.4	0.00
05/15/15 08:00	2752	2.6	73.1	26.8	47.2	72.8	0.00
05/15/15 09:00	2753	2.3	55.4	71.5	52.8	60.7	0.00
05/15/15 10:00	2754	3.3	234.5	49.4	64.0	42.4	0.00
05/15/15 11:00	2755	5.9	183.9	39.3	69.1	39.1	0.00
05/15/15 12:00	2756	6.5	208.1	41.4	71.2	40.9	0.00

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05/15/15 13:00	2757	6.1	178.9	35.2	73.6	37.5	0.00
05/15/15 14:00	2758	6.3	192.8	40.2	75.3	38.9	0.00
05/15/15 15:00	2759	5.7	179.4	34.7	74.2	38.9	0.00
05/15/15 16:00	2760	4.6	204.4	37.6	73.8	42.5	0.00
05/15/15 17:00	2761	5.6	212.4	28.4	72.7	44.0	0.00
05/15/15 18:00	2762	6.0	212.4	29.6	71.0	53.0	0.00
05/15/15 19:00	2763	2.0	159.6	55.0	67.1	64.2	0.00
05/15/15 20:00	2764	4.1	143.3	37.5	66.3	59.7	0.00
05/15/15 21:00	2765	4.7	134.0	30.4	66.1	59.8	0.00
05/15/15 22:00	2766	3.6	145.5	32.5	65.1	59.4	0.00
05/15/15 23:00	2767	5.5	144.5	28.0	64.8	58.1	0.00
05/16/15 00:00	2768	5.6	153.0	25.5	64.5	61.3	0.00
05/16/15 01:00	2769	4.6	144.8	34.9	64.4	64.7	0.00
05/16/15 02:00	2770	5.5	163.0	32.2	64.0	65.6	0.00
05/16/15 03:00	2771	3.6	106.9	79.1	63.0	67.4	0.00
05/16/15 04:00	2772	5.4	139.4	22.4	62.8	70.6	0.00
05/16/15 05:00	2773	3.2	201.3	86.6	61.0	88.7	0.01
05/16/15 06:00	2774	3.0	13.9	89.2	59.0	83.8	0.01
05/16/15 07:00	2775	3.3	43.4	68.3	61.2	80.7	0.00
05/16/15 08:00	2776	2.9	194.2	79.8	64.8	76.9	0.00
05/16/15 09:00	2777	2.2	322.7	82.6	64.7	81.6	0.01
05/16/15 10:00	2778	2.1	344.4	82.4	67.0	76.9	0.00
05/16/15 11:00	2779	2.5	19.8	58.7	68.9	75.3	0.00
05/16/15 12:00	2780	2.0	69.3	82.9	74.1	67.9	0.00
05/16/15 13:00	2781	2.3	164.2	96.9	78.7	59.6	0.00
05/16/15 14:00	2782	3.4	197.9	50.2	80.1	60.1	0.00
05/16/15 15:00	2783	7.1	50.0	78.8	74.8	74.4	0.00
05/16/15 16:00	2784	4.2	49.8	39.9	71.2	72.1	0.00

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05/16/15 17:00	2785	3.9	54.7	16.5	73.8	73.8	0.00
05/16/15 18:00	2786	2.4	61.8	66.2	73.5	76.0	0.00
05/16/15 19:00	2787	5.0	64.4	10.0	70.9	86.9	0.00
05/16/15 20:00	2788	2.7	164.1	73.9	71.1	63.2	0.00
05/16/15 21:00	2789	3.5	165.7	46.2	72.6	73.4	0.00
05/16/15 22:00	2790	3.2	346.0	62.0	68.8	95.1	0.04
05/16/15 23:00	2791	1.6	172.6	92.6	66.0	97.4	0.32
05/17/15 00:00	2792	1.2	182.1	57.0	65.7	97.9	0.13
05/17/15 01:00	2793	1.6	240.3	50.5	65.5	98.0	0.12
05/17/15 02:00	2794	1.7	162.6	73.4	65.3	98.3	0.04
05/17/15 03:00	2795	2.1	356.8	75.9	65.2	98.3	0.00
05/17/15 04:00	2796	1.7	66.0	53.6	65.0	98.3	0.00
05/17/15 05:00	2797	1.5	72.7	48.0	65.0	98.5	0.00
05/17/15 06:00	2798	1.3	65.6	80.5	65.1	98.3	0.00
05/17/15 07:00	2799	1.1	86.1	52.6	65.5	97.4	0.00
05/17/15 08:00	2800	1.5	192.5	46.7	67.5	90.6	0.00
05/17/15 09:00	2801	2.5	234.5	24.0	69.1	85.7	0.00
05/17/15 10:00	2802	2.6	19.2	64.3	70.2	81.7	0.00
05/17/15 11:00	2803	2.8	41.4	71.9	72.7	72.9	0.00
05/17/15 12:00	2804	2.3	239.9	51.8	76.2	59.5	0.00
05/17/15 13:00	2805	3.0	226.8	40.6	79.2	65.3	0.00
05/17/15 14:00	2806	2.9	214.4	51.3	80.3	53.6	0.00
05/17/15 15:00	2807	3.4	241.6	26.3	81.2	52.2	0.00
05/17/15 16:00	2808	3.2	229.6	48.5	83.2	45.3	0.00
05/17/15 17:00	2809	3.0	268.2	46.5	83.3	45.5	0.00
05/17/15 18:00	2810	2.6	260.5	39.9	81.4	52.4	0.00
05/17/15 19:00	2811	2.0	176.9	23.0	79.2	70.9	0.00
05/17/15 20:00	2812	1.6	91.7	64.4	72.6	86.6	0.00

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05/17/15 21:00	2813	1.9	51.5	61.1	68.8	91.2	0.00
05/17/15 22:00	2814	3.0	72.7	17.4	67.4	91.8	0.00
05/17/15 23:00	2815	2.3	45.4	37.7	65.2	96.2	0.00
05/18/15 00:00	2816	3.5	69.0	11.4	64.5	96.4	0.00
05/18/15 01:00	2817	3.9	67.6	11.3	63.4	97.5	0.00
05/18/15 02:00	2818	4.0	55.0	14.3	62.8	97.8	0.00
05/18/15 03:00	2819	3.7	51.7	14.8	63.0	96.4	0.00
05/18/15 04:00	2820	3.8	50.8	19.4	62.9	95.5	0.00
05/18/15 05:00	2821	2.7	47.3	21.8	62.9	95.6	0.00
05/18/15 06:00	2822	2.6	54.9	21.6	63.3	93.7	0.00
05/18/15 07:00	2823	3.0	62.0	13.0	64.2	90.8	0.00
05/18/15 08:00	2824	3.1	61.1	28.0	67.3	83.0	0.00
05/18/15 09:00	2825	3.2	64.7	47.1	72.7	70.6	0.00
05/18/15 10:00	2826	4.1	150.0	37.4	79.7	62.8	0.00
05/18/15 11:00	2827	3.8	177.0	51.4	78.5	94.1	0.26
05/18/15 12:00	2828	1.9	189.2	71.0	73.6	93.7	0.12
05/18/15 13:00	2829	2.4	119.1	89.2	76.6	68.8	0.00
05/18/15 14:00	2830	4.5	168.6	61.3	81.1	75.4	0.03
05/18/15 15:00	2831	4.3	150.2	41.6	76.3	83.0	0.02
05/18/15 16:00	2832	7.1	165.9	29.1	76.2	83.9	0.00
05/18/15 17:00	2833	3.6	198.2	44.3	73.7	87.7	0.07
05/18/15 18:00	2834	3.2	197.8	57.5	72.3	80.0	0.03
05/18/15 19:00	2835	6.0	161.5	37.6	71.7	81.4	0.00
05/18/15 20:00	2836	6.2	161.9	28.7	68.7	84.1	0.00
05/18/15 21:00	2837	8.7	152.3	19.6	67.4	84.9	0.00
05/18/15 22:00	2838	9.8	139.4	18.7	66.7	92.6	0.02
05/18/15 23:00	2839	9.0	145.4	28.0	64.9	93.3	0.04
05/19/15 00:00	2840	2.2	264.2	84.3	64.2	96.9	0.04

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05/19/15 01:00	2841	7.0	144.0	27.9	63.7	93.9	0.03
05/19/15 02:00	2842	7.2	143.3	18.3	62.9	94.8	0.03
05/19/15 03:00	2843	2.6	211.1	101.1	62.4	97.1	0.03
05/19/15 04:00	2844	3.0	221.2	94.3	62.3	95.6	0.02
05/19/15 05:00	2845	1.5	327.6	73.2	62.2	97.4	0.02
05/19/15 06:00	2846	2.2	13.1	95.6	62.3	95.9	0.01
05/19/15 07:00	2847	1.7	283.3	64.1	63.2	94.0	0.02
05/19/15 08:00	2848	1.5	280.1	47.5	65.0	90.7	0.01
05/19/15 09:00	2849	2.2	167.4	78.4	68.6	82.1	0.01
05/19/15 10:00	2850	2.6	159.5	67.3	72.2	76.9	0.01
05/19/15 11:00	2851	2.6	185.9	78.7	76.3	70.7	0.01
05/19/15 12:00	2852	5.4	163.4	29.0	78.4	74.4	0.01
05/19/15 13:00	2853	4.1	155.7	45.4	80.6	58.4	0.00
05/19/15 14:00	2854	3.4	202.4	48.8	82.4	43.9	0.01
05/19/15 15:00	2855	3.7	214.4	44.0	81.0	68.1	0.00
05/19/15 16:00	2856	3.0	211.4	52.8	82.5	47.8	0.01
05/19/15 17:00	2857	4.8	227.9	32.9	83.6	39.5	0.00
05/19/15 18:00	2858	6.7	235.4	62.8	82.9	54.6	0.00
05/19/15 19:00	2859	7.4	345.1	42.8	74.3	56.1	0.00
05/19/15 20:00	2860	5.6	346.3	45.7	68.7	52.9	0.01
05/19/15 21:00	2861	7.0	13.7	21.3	63.7	59.6	0.00
05/19/15 22:00	2862	8.2	14.0	22.6	60.2	62.3	0.00
05/19/15 23:00	2863	6.6	7.9	33.4	57.9	61.0	0.00
05/20/15 00:00	2864	4.3	341.1	65.8	56.0	62.4	0.00
05/20/15 01:00	2865	3.7	359.1	61.1	54.5	67.8	0.00
05/20/15 02:00	2866	3.2	12.5	49.1	53.9	65.6	0.00
05/20/15 03:00	2867	3.4	315.9	64.6	53.9	63.7	0.00
05/20/15 04:00	2868	3.7	304.3	63.8	54.5	66.9	0.00

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05/20/15 05:00	2869	7.3	2.7	39.1	52.4	81.4	0.01
05/20/15 06:00	2870	5.4	350.6	43.1	49.7	77.1	0.00
05/20/15 07:00	2871	4.9	344.6	48.6	49.5	72.6	0.00
05/20/15 08:00	2872	5.8	6.8	28.7	47.9	71.4	0.00
05/20/15 09:00	2873	6.5	351.3	38.6	47.7	66.7	0.00
05/20/15 10:00	2874	5.5	341.7	48.7	46.9	62.1	0.00
05/20/15 11:00	2875	5.7	311.2	50.5	47.8	62.2	0.00
05/20/15 12:00	2876	5.9	279.5	40.1	50.1	52.2	0.00
05/20/15 13:00	2877	6.7	327.4	55.6	53.9	48.3	0.00
05/20/15 14:00	2878	7.9	346.2	40.2	55.0	46.9	0.00
05/20/15 15:00	2879	7.3	345.4	45.2	56.3	46.8	0.00
05/20/15 16:00	2880	7.1	338.0	46.1	57.3	43.2	0.00
05/20/15 17:00	2881	5.7	342.2	43.3	56.8	44.3	0.00
05/20/15 18:00	2882	7.0	6.4	21.0	56.3	45.6	0.00
05/20/15 19:00	2883	5.8	16.9	16.1	54.7	51.4	0.00
05/20/15 20:00	2884	4.0	23.2	11.5	52.2	64.9	0.00
05/20/15 21:00	2885	2.6	13.7	32.1	48.8	80.2	0.00
05/20/15 22:00	2886	3.0	42.3	16.3	45.5	87.2	0.00
05/20/15 23:00	2887	3.2	62.6	22.6	43.7	89.9	0.00
05/21/15 00:00	2888	3.8	57.0	11.1	42.0	92.8	0.00
05/21/15 01:00	2889	3.3	50.8	16.9	41.5	93.5	0.00
05/21/15 02:00	2890	4.4	66.0	11.2	42.1	91.9	0.00
05/21/15 03:00	2891	3.5	55.7	13.4	42.4	92.6	0.00
05/21/15 04:00	2892	3.6	61.8	14.6	42.7	90.4	0.00
05/21/15 05:00	2893	2.8	45.8	18.9	43.3	90.3	0.00
05/21/15 06:00	2894	2.1	47.4	26.0	44.3	90.3	0.00
05/21/15 07:00	2895	1.8	21.3	41.7	45.7	87.5	0.00
05/21/15 08:00	2896	2.8	59.2	30.0	46.9	81.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
05/21/15 09:00	2897	1.4	278.4	70.2	48.9	77.5	0.00
05/21/15 10:00	2898	2.9	148.0	30.5	51.0	68.7	0.00
05/21/15 11:00	2899	2.6	210.9	66.9	55.1	51.8	0.00
05/21/15 12:00	2900	2.7	164.3	75.7	58.8	44.0	0.00
05/21/15 13:00	2901	3.5	243.8	64.8	59.8	44.3	0.00
05/21/15 14:00	2902	3.9	228.8	38.4	59.6	50.6	0.00
05/21/15 15:00	2903	3.4	253.5	31.0	58.4	52.5	0.00
05/21/15 16:00	2904	4.1	267.5	29.8	57.5	55.5	0.00
05/21/15 17:00	2905	2.9	272.9	28.8	57.0	56.7	0.00
05/21/15 18:00	2906	1.8	232.4	43.6	56.9	57.0	0.00
05/21/15 19:00	2907	1.3	293.4	57.7	55.9	68.1	0.00
05/21/15 20:00	2908	2.1	252.3	48.1	54.6	73.9	0.00
05/21/15 21:00	2909	1.4	225.3	88.3	53.5	76.4	0.00
05/21/15 22:00	2910	2.2	58.7	28.7	52.3	79.7	0.00
05/21/15 23:00	2911	1.7	66.2	42.3	51.1	84.7	0.00
05/22/15 00:00	2912	1.9	65.9	56.4	50.1	87.8	0.00
05/22/15 01:00	2913	1.3	168.4	64.4	49.3	91.0	0.00
05/22/15 02:00	2914	1.8	66.1	41.9	47.4	95.3	0.00
05/22/15 03:00	2915	1.6	96.1	54.4	45.1	96.9	0.00
05/22/15 04:00	2916	2.3	67.8	47.2	43.7	97.0	0.00
05/22/15 05:00	2917	3.4	54.7	12.2	42.7	98.7	0.00
05/22/15 06:00	2918	3.6	68.4	11.2	42.6	99.0	0.00
05/22/15 07:00	2919	2.4	47.0	27.7	43.5	97.9	0.00
05/22/15 08:00	2920	1.9	82.8	86.2	51.9	59.3	0.00
05/22/15 09:00	2921	3.9	323.2	77.7	59.5	43.6	0.00
05/22/15 10:00	2922	5.1	318.7	57.4	62.2	47.7	0.00
05/22/15 11:00	2923	5.7	315.3	52.5	63.5	42.2	0.00
05/22/15 12:00	2924	6.1	298.9	49.4	64.1	43.5	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
05/22/15 13:00	2925	5.7	318.3	59.5	65.4	38.2	0.00
05/22/15 14:00	2926	6.0	294.6	48.0	65.9	32.8	0.00
05/22/15 15:00	2927	6.9	328.3	53.9	67.8	25.0	0.00
05/22/15 16:00	2928	7.7	322.0	53.7	68.2	23.2	0.00
05/22/15 17:00	2929	6.9	305.6	53.7	67.8	19.0	0.00
05/22/15 18:00	2930	7.5	345.6	43.4	65.8	34.8	0.00
05/22/15 19:00	2931	8.6	8.6	20.5	61.1	41.8	0.00
05/22/15 20:00	2932	4.0	27.9	12.4	56.8	59.4	0.00
05/22/15 21:00	2933	3.9	13.6	26.4	53.8	47.9	0.00
05/22/15 22:00	2934	4.4	351.0	40.6	52.7	46.0	0.00
05/22/15 23:00	2935	3.2	354.2	41.9	50.0	42.0	0.00
05/23/15 00:00	2936	4.3	12.2	21.3	47.6	45.2	0.00
05/23/15 01:00	2937	3.0	29.8	33.2	44.7	63.2	0.00
05/23/15 02:00	2938	3.0	35.2	25.4	42.4	57.2	0.00
05/23/15 03:00	2939	2.1	49.7	36.7	40.1	74.5	0.00
05/23/15 04:00	2940	2.7	39.8	9.4	38.1	82.2	0.00
05/23/15 05:00	2941	3.8	36.6	12.6	36.6	84.8	0.00
05/23/15 06:00	2942	4.8	44.2	13.9	37.5	67.2	0.00
05/23/15 07:00	2943	3.4	359.9	67.2	43.5	55.3	0.00
05/23/15 08:00	2944	3.9	296.8	59.9	47.0	48.6	0.00
05/23/15 09:00	2945	5.1	240.4	32.7	49.0	42.8	0.00
05/23/15 10:00	2946	4.3	277.5	65.6	51.4	37.5	0.00
05/23/15 11:00	2947	4.3	278.8	63.7	54.3	33.6	0.00
05/23/15 12:00	2948	4.8	307.4	59.0	56.7	28.9	0.00
05/23/15 13:00	2949	4.7	300.2	77.3	59.7	25.7	0.00
05/23/15 14:00	2950	4.9	305.4	74.8	62.9	24.4	0.00
05/23/15 15:00	2951	3.7	258.9	94.3	65.2	28.8	0.00
05/23/15 16:00	2952	3.4	248.5	71.6	67.3	20.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
05/23/15 17:00	2953	3.3	294.9	80.2	68.0	21.2	0.00
05/23/15 18:00	2954	2.3	229.6	53.0	69.2	22.2	0.00
05/23/15 19:00	2955	1.4	216.4	59.6	66.2	38.7	0.00
05/23/15 20:00	2956	2.1	165.2	39.6	57.5	55.2	0.00
05/23/15 21:00	2957	1.8	103.4	81.1	52.3	67.0	0.00
05/23/15 22:00	2958	2.6	41.3	33.4	48.5	79.1	0.00
05/23/15 23:00	2959	4.4	66.3	10.6	46.8	82.1	0.00
05/24/15 00:00	2960	4.2	63.1	8.3	44.5	88.5	0.00
05/24/15 01:00	2961	4.9	58.4	11.4	42.6	92.0	0.00
05/24/15 02:00	2962	4.6	66.2	11.1	41.6	92.0	0.00
05/24/15 03:00	2963	4.4	67.0	12.4	40.7	93.9	0.00
05/24/15 04:00	2964	4.8	65.7	9.0	39.2	93.5	0.00
05/24/15 05:00	2965	4.0	59.2	10.6	38.2	94.5	0.00
05/24/15 06:00	2966	3.7	64.2	12.9	38.8	87.3	0.00
05/24/15 07:00	2967	2.7	70.5	26.0	43.2	73.8	0.00
05/24/15 08:00	2968	1.9	101.1	54.2	49.8	63.7	0.00
05/24/15 09:00	2969	2.3	139.1	32.6	56.0	52.0	0.00
05/24/15 10:00	2970	1.7	174.8	79.2	65.9	45.6	0.00
05/24/15 11:00	2971	2.7	177.7	60.9	72.6	25.9	0.00
05/24/15 12:00	2972	4.1	258.5	60.4	76.3	19.3	0.00
05/24/15 13:00	2973	5.2	285.7	59.0	77.8	25.4	0.00
05/24/15 14:00	2974	4.4	285.5	63.4	79.4	19.6	0.00
05/24/15 15:00	2975	3.8	336.3	54.7	79.6	24.3	0.00
05/24/15 16:00	2976	2.6	14.5	56.7	79.7	20.8	0.00
05/24/15 17:00	2977	1.8	190.9	100.7	79.7	20.6	0.00
05/24/15 18:00	2978	1.8	205.9	52.9	79.5	44.8	0.00
05/24/15 19:00	2979	1.2	157.7	31.0	72.0	52.2	0.00
05/24/15 20:00	2980	1.6	80.2	92.6	67.1	61.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
05/24/15 21:00	2981	2.3	34.7	37.9	62.6	71.0	0.00
05/24/15 22:00	2982	3.3	37.6	23.4	60.2	72.9	0.00
05/24/15 23:00	2983	5.8	30.9	11.3	58.8	75.3	0.00
05/25/15 00:00	2984	6.5	44.7	14.7	58.3	72.7	0.00
05/25/15 01:00	2985	8.2	54.4	10.0	58.3	73.2	0.00
05/25/15 02:00	2986	7.1	57.8	16.3	58.2	72.0	0.00
05/25/15 03:00	2987	5.4	66.6	15.3	58.4	75.2	0.00
05/25/15 04:00	2988	5.3	70.1	15.4	58.4	74.6	0.00
05/25/15 05:00	2989	5.2	74.2	11.6	58.0	78.5	0.00
05/25/15 06:00	2990	3.9	69.0	17.4	57.8	77.8	0.00
05/25/15 07:00	2991	2.6	53.3	13.2	59.3	73.6	0.00
05/25/15 08:00	2992	2.7	19.8	64.4	63.8	68.5	0.00
05/25/15 09:00	2993	5.1	136.7	34.2	71.4	57.1	0.00
05/25/15 10:00	2994	3.8	167.9	34.5	77.3	51.2	0.00
05/25/15 11:00	2995	4.4	185.5	34.7	82.0	45.4	0.00
05/25/15 12:00	2996	5.9	189.5	32.3	83.3	39.1	0.00
05/25/15 13:00	2997	6.5	185.1	28.9	84.4	35.7	0.00
05/25/15 14:00	2998	7.0	196.0	37.0	85.6	36.1	0.00
05/25/15 15:00	2999	7.0	198.9	32.9	86.1	36.5	0.00
05/25/15 16:00	3000	8.1	213.1	31.4	86.0	36.6	0.00
05/25/15 17:00	3001	6.8	191.2	32.5	84.6	38.2	0.00
05/25/15 18:00	3002	6.3	204.9	33.1	83.5	37.8	0.00
05/25/15 19:00	3003	5.2	181.3	30.2	80.2	44.8	0.00
05/25/15 20:00	3004	5.4	187.9	36.1	78.6	45.3	0.00
05/25/15 21:00	3005	6.1	188.1	36.7	77.5	49.1	0.00
05/25/15 22:00	3006	6.9	187.0	35.3	76.2	55.1	0.00
05/25/15 23:00	3007	6.9	185.6	36.6	74.6	60.6	0.00
05/26/15 00:00	3008	5.9	189.5	37.3	73.5	60.3	0.00

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05/26/15 01:00	3009	5.3	197.3	37.3	73.0	62.6	0.00
05/26/15 02:00	3010	5.6	201.2	37.5	72.9	60.0	0.00
05/26/15 03:00	3011	2.6	240.7	61.4	72.0	63.3	0.00
05/26/15 04:00	3012	4.1	203.9	25.2	71.3	63.1	0.00
05/26/15 05:00	3013	3.8	189.9	32.8	70.8	67.0	0.00
05/26/15 06:00	3014	3.3	240.9	51.5	69.8	67.5	0.00
05/26/15 07:00	3015	1.8	317.7	58.2	69.5	70.3	0.00
05/26/15 08:00	3016	1.6	288.9	57.9	72.6	65.6	0.00
05/26/15 09:00	3017	1.7	300.0	65.9	74.5	60.9	0.00
05/26/15 10:00	3018	2.3	231.5	66.6	76.6	65.4	0.00
05/26/15 11:00	3019	2.1	172.7	62.3	80.0	56.4	0.00
05/26/15 12:00	3020	2.4	197.0	60.7	83.7	53.5	0.00
05/26/15 13:00	3021	3.6	174.3	41.6	83.8	53.0	0.00
05/26/15 14:00	3022	4.9	203.9	35.3	85.6	48.3	0.00
05/26/15 15:00	3023	5.8	204.4	29.9	86.2	47.6	0.00
05/26/15 16:00	3024	3.9	203.3	26.9	84.5	53.6	0.00
05/26/15 17:00	3025	2.5	195.7	22.0	82.1	60.2	0.00
05/26/15 18:00	3026	2.5	44.0	70.0	82.5	63.4	0.00
05/26/15 19:00	3027	2.7	70.8	57.6	79.5	78.8	0.00
05/26/15 20:00	3028	1.1	187.9	65.3	74.6	86.0	0.00
05/26/15 21:00	3029	1.8	47.3	58.0	71.7	91.2	0.00
05/26/15 22:00	3030	1.9	11.5	69.9	69.4	91.3	0.00
05/26/15 23:00	3031	3.3	10.5	73.3	71.0	69.3	0.00
05/27/15 00:00	3032	4.6	206.1	41.2	75.4	72.7	0.00
05/27/15 01:00	3033	4.4	189.4	48.7	74.6	74.2	0.00
05/27/15 02:00	3034	3.8	184.8	55.5	74.1	78.0	0.00
05/27/15 03:00	3035	3.8	182.0	55.1	73.4	79.3	0.00
05/27/15 04:00	3036	3.5	47.0	48.2	71.2	86.3	0.00

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05/27/15 05:00	3037	3.7	123.3	75.2	71.2	81.3	0.00
05/27/15 06:00	3038	5.1	170.5	27.7	72.5	80.2	0.00
05/27/15 07:00	3039	5.6	165.9	20.4	74.4	73.6	0.00
05/27/15 08:00	3040	5.2	168.4	33.7	76.9	70.2	0.00
05/27/15 09:00	3041	5.4	187.5	30.4	79.3	65.5	0.00
05/27/15 10:00	3042	5.3	190.2	34.2	81.1	61.3	0.00
05/27/15 11:00	3043	5.5	208.8	33.5	83.1	55.9	0.00
05/27/15 12:00	3044	5.7	205.6	33.9	83.5	51.6	0.00
05/27/15 13:00	3045	5.7	213.1	53.3	78.6	95.7	0.45
05/27/15 14:00	3046	4.2	50.9	49.7	68.1	90.2	0.02
05/27/15 15:00	3047	3.4	83.4	81.5	72.8	86.6	0.00
05/27/15 16:00	3048	7.4	146.0	20.3	73.6	84.3	0.00
05/27/15 17:00	3049	6.6	151.3	24.4	74.7	78.8	0.00
05/27/15 18:00	3050	5.0	171.6	27.8	76.8	77.3	0.00
05/27/15 19:00	3051	2.8	186.9	24.3	76.1	79.9	0.00
05/27/15 20:00	3052	1.9	197.0	98.4	72.5	92.4	0.00
05/27/15 21:00	3053	1.8	256.7	78.3	69.7	92.3	0.00
05/27/15 22:00	3054	6.4	151.7	21.8	72.3	83.4	0.00
05/27/15 23:00	3055	3.7	179.8	39.9	70.8	88.5	0.00
05/28/15 00:00	3056	2.7	206.7	44.6	69.3	89.3	0.00
05/28/15 01:00	3057	3.2	207.3	53.0	69.7	90.5	0.00
05/28/15 02:00	3058	2.4	334.6	58.6	66.3	96.6	0.00
05/28/15 03:00	3059	3.6	231.3	39.0	67.5	91.3	0.00
05/28/15 04:00	3060	2.4	284.3	72.1	66.6	96.8	0.00
05/28/15 05:00	3061	1.7	321.5	62.2	65.2	97.2	0.00
05/28/15 06:00	3062	1.4	179.0	96.1	66.5	90.9	0.00
05/28/15 07:00	3063	1.8	356.7	100.3	70.0	79.4	0.00
05/28/15 08:00	3064	2.7	204.6	62.6	74.7	67.1	0.00

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05/28/15 09:00	3065	4.1	262.5	37.9	76.3	57.1	0.00
05/28/15 10:00	3066	4.8	280.6	56.9	78.0	56.8	0.00
05/28/15 11:00	3067	4.9	280.9	54.3	78.3	53.5	0.00
05/28/15 12:00	3068	5.1	267.3	55.6	79.7	48.2	0.00
05/28/15 13:00	3069	6.0	312.6	54.4	80.8	44.8	0.00
05/28/15 14:00	3070	6.1	303.3	51.0	81.0	43.6	0.00
05/28/15 15:00	3071	6.4	337.4	46.5	80.4	43.7	0.00
05/28/15 16:00	3072	5.9	351.4	38.7	79.6	36.7	0.00
05/28/15 17:00	3073	6.1	329.5	53.3	79.4	38.8	0.00
05/28/15 18:00	3074	6.4	4.7	21.7	77.7	42.6	0.00
05/28/15 19:00	3075	6.3	16.4	15.1	74.6	52.7	0.00
05/28/15 20:00	3076	4.6	20.0	11.0	70.1	65.7	0.00
05/28/15 21:00	3077	2.9	35.0	19.7	64.9	81.2	0.00
05/28/15 22:00	3078	2.8	23.4	19.0	61.0	86.1	0.00
05/28/15 23:00	3079	2.2	55.3	57.9	59.0	92.0	0.00
05/29/15 00:00	3080	3.9	40.2	14.7	57.6	94.9	0.00
05/29/15 01:00	3081	4.0	44.4	11.6	56.1	95.7	0.00
05/29/15 02:00	3082	3.6	57.5	26.7	55.0	95.6	0.00
05/29/15 03:00	3083	3.3	55.7	19.1	53.7	98.2	0.00
05/29/15 04:00	3084	4.4	60.8	14.1	52.9	98.9	0.00
05/29/15 05:00	3085	4.5	52.7	14.6	52.2	99.1	0.00
05/29/15 06:00	3086	5.0	67.0	10.9	52.1	99.0	0.00
05/29/15 07:00	3087	3.7	74.4	18.1	52.8	98.6	0.00
05/29/15 08:00	3088	2.0	64.6	50.0	56.1	85.0	0.00
05/29/15 09:00	3089	1.9	156.5	63.6	64.4	75.6	0.00
05/29/15 10:00	3090	2.9	177.8	62.2	72.4	52.5	0.00
05/29/15 11:00	3091	3.1	182.4	77.4	76.6	43.9	0.00
05/29/15 12:00	3092	3.0	187.7	74.6	79.5	38.7	0.00

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05/29/15 13:00	3093	3.8	195.7	54.8	81.7	38.1	0.00
05/29/15 14:00	3094	3.2	162.7	45.1	83.3	37.8	0.00
05/29/15 15:00	3095	4.7	209.7	41.0	84.3	34.9	0.00
05/29/15 16:00	3096	3.9	224.0	39.5	85.4	37.4	0.00
05/29/15 17:00	3097	3.9	215.3	42.2	85.2	37.3	0.00
05/29/15 18:00	3098	3.0	208.6	39.7	85.1	41.6	0.00
05/29/15 19:00	3099	2.0	196.8	45.3	81.4	53.6	0.00
05/29/15 20:00	3100	2.7	34.8	41.2	75.8	66.3	0.00
05/29/15 21:00	3101	4.0	42.0	30.9	72.0	74.7	0.00
05/29/15 22:00	3102	2.0	33.4	58.5	69.0	82.7	0.00
05/29/15 23:00	3103	2.5	28.0	39.9	67.0	85.9	0.00
05/30/15 00:00	3104	2.9	41.1	59.0	65.8	90.7	0.00
05/30/15 01:00	3105	1.8	15.9	56.4	65.0	91.1	0.00
05/30/15 02:00	3106	1.4	351.0	70.8	65.8	87.9	0.00
05/30/15 03:00	3107	3.4	187.6	45.3	70.3	80.7	0.00
05/30/15 04:00	3108	6.0	172.7	26.4	71.6	82.5	0.00
05/30/15 05:00	3109	3.6	193.7	55.3	71.8	80.7	0.00
05/30/15 06:00	3110	5.8	181.0	32.9	73.0	77.2	0.00
05/30/15 07:00	3111	4.4	178.0	31.3	74.1	76.1	0.00
05/30/15 08:00	3112	4.3	181.2	36.7	73.5	76.5	0.00
05/30/15 09:00	3113	3.6	175.6	41.3	74.7	68.9	0.00
05/30/15 10:00	3114	5.8	212.3	35.4	77.7	65.7	0.00
05/30/15 11:00	3115	5.8	221.9	32.7	79.3	62.4	0.00
05/30/15 12:00	3116	5.7	215.4	33.6	82.9	52.5	0.00
05/30/15 13:00	3117	5.7	205.4	40.2	85.0	54.2	0.00
05/30/15 14:00	3118	6.1	200.0	35.5	85.9	48.6	0.00
05/30/15 15:00	3119	5.7	203.3	34.6	84.5	52.6	0.00
05/30/15 16:00	3120	5.6	216.1	30.5	83.4	61.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
05/30/15 17:00	3121	5.4	226.1	31.7	82.3	55.1	0.00
05/30/15 18:00	3122	4.0	203.2	37.4	82.6	56.7	0.00
05/30/15 19:00	3123	5.4	177.7	37.2	80.9	66.7	0.00
05/30/15 20:00	3124	5.0	167.5	31.3	78.6	65.8	0.00
05/30/15 21:00	3125	2.5	225.0	41.1	77.1	77.0	0.00
05/30/15 22:00	3126	1.9	153.9	91.9	73.6	91.2	0.01
05/30/15 23:00	3127	1.8	351.5	69.0	71.4	95.0	0.00
05/31/15 00:00	3128	2.6	54.0	77.7	72.0	91.8	0.00
05/31/15 01:00	3129	2.4	26.8	36.7	70.7	88.4	0.00
05/31/15 02:00	3130	2.9	127.9	91.8	72.3	91.5	0.00
05/31/15 03:00	3131	2.6	184.4	75.6	70.4	92.8	0.08
05/31/15 04:00	3132	2.5	327.6	93.1	69.3	96.8	0.00
05/31/15 05:00	3133	1.8	16.4	60.5	68.7	97.4	0.00
05/31/15 06:00	3134	2.1	261.3	78.7	68.8	97.5	0.07
05/31/15 07:00	3135	1.5	127.9	86.4	69.0	97.0	0.02
05/31/15 08:00	3136	1.6	345.0	67.8	70.3	92.6	0.01
05/31/15 09:00	3137	1.4	261.8	74.6	72.6	83.9	0.00
05/31/15 10:00	3138	3.2	248.0	58.0	72.5	90.6	0.00
05/31/15 11:00	3139	5.0	292.8	60.9	64.1	88.6	0.00
05/31/15 12:00	3140	4.9	284.3	44.4	61.8	83.0	0.00
05/31/15 13:00	3141	4.3	300.9	42.7	63.4	78.7	0.00
05/31/15 14:00	3142	4.1	296.3	46.0	65.1	77.9	0.00
05/31/15 15:00	3143	4.3	282.9	37.9	64.3	79.0	0.00
05/31/15 16:00	3144	2.2	282.3	69.4	63.3	89.2	0.01
05/31/15 17:00	3145	1.6	282.2	95.4	61.5	93.3	0.11
05/31/15 18:00	3146	3.0	291.6	64.2	61.1	92.3	0.00
05/31/15 19:00	3147	2.8	271.3	54.5	60.6	92.0	0.00
05/31/15 20:00	3148	1.8	285.9	65.0	59.9	94.3	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
05/31/15 21:00	3149	0.9	244.1	34.0	59.6	94.8	0.00
05/31/15 22:00	3150	0.9	319.0	53.0	59.7	95.2	0.00
05/31/15 23:00	3151	1.8	60.7	58.4	59.8	97.2	0.04
06/01/15 00:00	3152	2.3	272.6	81.0	60.5	96.3	0.08
06/01/15 01:00	3153	3.2	27.5	57.4	61.4	97.5	0.02
06/01/15 02:00	3154	1.9	25.3	46.3	61.8	97.9	0.05
06/01/15 03:00	3155	2.1	47.8	43.4	62.2	97.5	0.00
06/01/15 04:00	3156	1.9	21.7	42.5	62.3	96.2	0.00
06/01/15 05:00	3157	4.0	194.2	43.3	62.8	92.7	0.00
06/01/15 06:00	3158	4.0	104.8	41.9	62.6	95.0	0.00
06/01/15 07:00	3159	4.5	72.8	45.9	62.5	94.3	0.00
06/01/15 08:00	3160	1.9	20.5	70.2	63.2	95.6	0.00
06/01/15 09:00	3161	2.8	58.7	66.6	63.3	93.3	0.00
06/01/15 10:00	3162	3.6	178.5	53.1	64.5	90.0	0.00
06/01/15 11:00	3163	5.4	200.7	78.1	62.6	95.1	0.00
06/01/15 12:00	3164	3.8	274.0	51.0	59.6	91.5	0.01
06/01/15 13:00	3165	3.4	283.6	39.9	59.3	94.0	0.00
06/01/15 14:00	3166	2.6	273.6	52.4	59.0	93.7	0.00
06/01/15 15:00	3167	2.5	269.5	47.7	59.1	94.9	0.01
06/01/15 16:00	3168	2.5	256.1	40.8	59.2	94.0	0.01
06/01/15 17:00	3169	1.7	294.3	76.7	59.8	94.8	0.00
06/01/15 18:00	3170	2.8	268.2	49.0	58.6	96.2	0.00
06/01/15 19:00	3171	2.2	298.5	58.2	57.6	94.3	0.00
06/01/15 20:00	3172	2.0	274.9	56.2	56.6	96.6	0.00
06/01/15 21:00	3173	1.6	305.2	71.4	56.3	97.3	0.01
06/01/15 22:00	3174	3.7	39.7	17.3	56.0	97.3	0.01
06/01/15 23:00	3175	2.5	33.8	21.9	55.5	96.7	0.00
06/02/15 00:00	3176	3.1	48.4	20.2	54.6	95.3	0.01

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/02/15 01:00	3177	2.3	67.5	34.7	54.2	96.3	0.00
06/02/15 02:00	3178	2.0	60.9	38.9	53.7	96.5	0.00
06/02/15 03:00	3179	2.1	48.3	32.7	53.6	95.2	0.00
06/02/15 04:00	3180	2.7	43.0	24.3	53.4	95.5	0.00
06/02/15 05:00	3181	3.2	41.2	17.4	53.1	95.1	0.01
06/02/15 06:00	3182	2.9	13.9	29.7	52.8	95.3	0.00
06/02/15 07:00	3183	2.3	27.2	38.2	52.9	90.9	0.01
06/02/15 08:00	3184	2.5	25.2	18.2	53.5	93.4	0.02
06/02/15 09:00	3185	2.1	84.7	32.3	54.3	93.4	0.01
06/02/15 10:00	3186	2.0	314.8	69.5	55.8	91.0	0.00
06/02/15 11:00	3187	2.3	15.4	77.5	56.7	93.1	0.00
06/02/15 12:00	3188	3.1	81.0	37.1	57.6	92.3	0.00
06/02/15 13:00	3189	1.5	200.4	53.4	58.7	84.9	0.00
06/02/15 14:00	3190	2.6	326.3	61.3	60.2	81.7	0.00
06/02/15 15:00	3191	4.0	355.0	41.0	61.1	75.2	0.00
06/02/15 16:00	3192	3.7	351.0	41.7	61.0	76.8	0.00
06/02/15 17:00	3193	3.4	351.5	36.5	61.0	77.8	0.00
06/02/15 18:00	3194	3.2	357.5	22.1	61.0	74.6	0.00
06/02/15 19:00	3195	3.4	10.6	21.8	60.6	77.7	0.00
06/02/15 20:00	3196	1.5	48.4	56.2	59.0	88.2	0.00
06/02/15 21:00	3197	2.2	25.4	45.5	55.9	96.5	0.00
06/02/15 22:00	3198	3.5	39.0	18.2	53.7	97.0	0.00
06/02/15 23:00	3199	3.6	36.3	11.9	52.2	98.6	0.00
06/03/15 00:00	3200	3.8	48.7	14.0	50.8	99.3	0.00
06/03/15 01:00	3201	3.4	50.3	10.8	50.4	99.5	0.00
06/03/15 02:00	3202	3.9	52.0	12.1	50.1	99.5	0.00
06/03/15 03:00	3203	3.9	50.4	15.3	49.8	99.7	0.00
06/03/15 04:00	3204	3.9	54.7	14.6	50.0	99.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/03/15 05:00	3205	3.5	47.9	17.1	49.5	99.7	0.00
06/03/15 06:00	3206	4.3	17.3	18.0	49.5	99.2	0.00
06/03/15 07:00	3207	3.0	25.6	25.2	49.9	98.3	0.00
06/03/15 08:00	3208	2.8	10.3	31.1	50.6	94.6	0.00
06/03/15 09:00	3209	2.4	33.6	52.6	52.0	88.6	0.00
06/03/15 10:00	3210	2.1	262.7	91.8	55.6	78.5	0.00
06/03/15 11:00	3211	3.0	221.8	98.9	59.5	70.5	0.00
06/03/15 12:00	3212	2.9	251.5	46.2	63.4	59.4	0.00
06/03/15 13:00	3213	3.2	282.5	67.9	65.0	57.6	0.00
06/03/15 14:00	3214	3.9	261.3	81.5	68.2	51.3	0.00
06/03/15 15:00	3215	3.4	261.1	66.8	70.2	50.2	0.00
06/03/15 16:00	3216	2.6	232.2	40.4	72.6	47.5	0.00
06/03/15 17:00	3217	2.3	218.9	28.2	74.3	47.7	0.00
06/03/15 18:00	3218	1.7	257.7	53.6	73.3	52.7	0.00
06/03/15 19:00	3219	1.9	276.0	77.7	69.3	71.5	0.00
06/03/15 20:00	3220	1.9	143.6	38.7	64.2	79.5	0.00
06/03/15 21:00	3221	1.9	152.6	59.1	59.8	93.1	0.00
06/03/15 22:00	3222	1.4	3.0	49.0	56.2	95.9	0.00
06/03/15 23:00	3223	2.2	49.6	44.1	54.6	96.6	0.00
06/04/15 00:00	3224	3.2	57.2	16.2	54.5	93.4	0.00
06/04/15 01:00	3225	4.5	67.0	14.2	53.8	93.8	0.00
06/04/15 02:00	3226	5.0	68.0	14.1	53.3	91.8	0.00
06/04/15 03:00	3227	4.8	62.9	11.9	53.0	91.6	0.00
06/04/15 04:00	3228	4.9	64.3	11.9	53.1	91.7	0.00
06/04/15 05:00	3229	5.9	74.8	14.2	53.5	91.7	0.00
06/04/15 06:00	3230	4.4	87.4	32.3	55.4	89.2	0.00
06/04/15 07:00	3231	2.7	117.6	57.4	57.7	80.8	0.00
06/04/15 08:00	3232	3.7	200.8	53.5	59.5	74.0	0.00

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06/04/15 09:00	3233	4.9	199.8	39.9	60.7	65.0	0.00
06/04/15 10:00	3234	4.6	194.5	34.8	62.5	65.4	0.00
06/04/15 11:00	3235	4.5	191.2	31.0	64.8	58.7	0.00
06/04/15 12:00	3236	5.3	184.8	37.0	67.0	54.2	0.00
06/04/15 13:00	3237	4.7	196.7	47.2	68.8	51.7	0.00
06/04/15 14:00	3238	3.3	180.6	74.1	71.8	51.0	0.00
06/04/15 15:00	3239	4.2	165.8	45.2	72.6	46.3	0.00
06/04/15 16:00	3240	4.4	185.0	42.6	73.4	50.4	0.00
06/04/15 17:00	3241	4.4	172.7	35.8	71.9	59.7	0.00
06/04/15 18:00	3242	4.6	175.5	35.1	68.8	62.0	0.00
06/04/15 19:00	3243	5.0	160.7	28.1	66.3	64.2	0.00
06/04/15 20:00	3244	4.1	177.5	32.8	63.9	71.7	0.00
06/04/15 21:00	3245	4.8	158.3	21.2	61.7	76.3	0.00
06/04/15 22:00	3246	4.3	157.8	29.7	61.0	76.0	0.00
06/04/15 23:00	3247	2.9	186.0	53.6	60.8	70.8	0.00
06/05/15 00:00	3248	2.6	181.1	40.0	60.7	72.6	0.00
06/05/15 01:00	3249	2.5	164.5	36.5	60.5	72.1	0.00
06/05/15 02:00	3250	2.2	172.8	37.7	60.1	75.4	0.00
06/05/15 03:00	3251	3.4	152.7	22.7	59.8	71.6	0.00
06/05/15 04:00	3252	3.4	142.8	33.1	59.5	68.0	0.00
06/05/15 05:00	3253	2.2	137.9	61.5	59.4	70.1	0.00
06/05/15 06:00	3254	3.3	146.2	28.7	59.4	72.5	0.00
06/05/15 07:00	3255	4.2	146.5	23.3	59.4	72.1	0.00
06/05/15 08:00	3256	4.0	132.8	27.6	60.2	72.4	0.00
06/05/15 09:00	3257	2.9	167.9	64.3	64.7	66.1	0.00
06/05/15 10:00	3258	3.3	147.1	63.5	68.1	64.2	0.00
06/05/15 11:00	3259	4.3	149.0	63.0	70.7	62.3	0.00
06/05/15 12:00	3260	4.2	148.6	56.3	72.4	64.5	0.00

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06/05/15 13:00	3261	3.9	140.0	56.5	75.7	60.7	0.00
06/05/15 14:00	3262	4.1	207.0	42.7	77.6	55.2	0.00
06/05/15 15:00	3263	2.6	183.3	55.5	80.0	56.0	0.00
06/05/15 16:00	3264	2.0	246.3	45.8	77.8	64.2	0.00
06/05/15 17:00	3265	2.0	236.0	45.1	75.5	85.9	0.01
06/05/15 18:00	3266	2.5	168.7	38.8	70.7	80.3	0.01
06/05/15 19:00	3267	1.2	179.1	83.8	72.1	93.5	0.00
06/05/15 20:00	3268	1.7	179.6	31.1	68.1	96.0	0.00
06/05/15 21:00	3269	2.1	185.0	25.8	66.2	96.2	0.00
06/05/15 22:00	3270	2.0	197.4	45.7	65.1	96.4	0.00
06/05/15 23:00	3271	1.4	110.2	79.7	64.5	97.3	0.00
06/06/15 00:00	3272	2.7	42.0	37.5	64.1	98.1	0.00
06/06/15 01:00	3273	1.7	83.4	85.1	64.0	98.0	0.00
06/06/15 02:00	3274	1.5	21.3	73.6	63.6	98.1	0.00
06/06/15 03:00	3275	1.9	27.6	88.4	64.0	92.3	0.00
06/06/15 04:00	3276	2.4	284.5	67.2	64.9	89.4	0.00
06/06/15 05:00	3277	2.5	13.8	51.9	64.9	89.6	0.00
06/06/15 06:00	3278	2.5	316.7	67.9	64.9	86.5	0.00
06/06/15 07:00	3279	2.9	333.1	54.1	65.0	85.7	0.00
06/06/15 08:00	3280	4.5	349.7	50.0	65.2	74.3	0.00
06/06/15 09:00	3281	8.3	14.1	19.9	65.9	68.8	0.00
06/06/15 10:00	3282	9.4	10.8	24.1	68.2	62.7	0.00
06/06/15 11:00	3283	7.1	0.2	28.4	70.0	57.6	0.00
06/06/15 12:00	3284	9.2	1.1	29.4	71.3	57.6	0.00
06/06/15 13:00	3285	7.8	357.1	35.1	72.2	55.4	0.00
06/06/15 14:00	3286	7.2	340.8	42.8	72.2	50.0	0.00
06/06/15 15:00	3287	8.2	6.9	29.9	72.9	36.2	0.00
06/06/15 16:00	3288	8.8	14.3	21.5	73.6	32.8	0.00

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06/06/15 17:00	3289	7.5	2.4	27.1	73.4	40.5	0.00
06/06/15 18:00	3290	5.6	345.5	41.8	71.2	48.5	0.00
06/06/15 19:00	3291	4.8	358.3	33.1	68.7	54.2	0.00
06/06/15 20:00	3292	3.4	14.5	31.1	64.7	64.9	0.00
06/06/15 21:00	3293	2.2	253.9	71.0	61.0	63.9	0.00
06/06/15 22:00	3294	2.5	347.4	67.2	58.6	78.2	0.00
06/06/15 23:00	3295	3.1	26.1	15.7	53.8	88.9	0.00
06/07/15 00:00	3296	4.0	35.4	14.1	52.0	89.0	0.00
06/07/15 01:00	3297	4.3	42.4	14.6	50.5	93.3	0.00
06/07/15 02:00	3298	3.7	43.4	13.0	49.3	94.4	0.00
06/07/15 03:00	3299	4.3	49.2	12.0	48.4	95.1	0.00
06/07/15 04:00	3300	3.9	57.8	10.2	47.5	95.7	0.00
06/07/15 05:00	3301	4.0	59.9	11.8	46.5	96.1	0.00
06/07/15 06:00	3302	4.3	56.5	12.2	46.1	98.0	0.00
06/07/15 07:00	3303	4.5	56.4	21.8	46.6	94.1	0.00
06/07/15 08:00	3304	2.6	76.3	49.2	53.0	74.7	0.00
06/07/15 09:00	3305	5.3	110.0	46.3	62.3	48.6	0.00
06/07/15 10:00	3306	5.7	150.7	41.5	67.9	42.0	0.00
06/07/15 11:00	3307	5.7	166.4	35.2	71.2	45.7	0.00
06/07/15 12:00	3308	6.6	175.1	40.6	73.7	43.9	0.00
06/07/15 13:00	3309	6.9	203.6	37.3	74.9	43.6	0.00
06/07/15 14:00	3310	6.5	178.4	38.0	75.5	48.7	0.00
06/07/15 15:00	3311	5.4	187.1	40.7	76.7	51.1	0.00
06/07/15 16:00	3312	6.1	191.5	35.3	76.3	51.1	0.00
06/07/15 17:00	3313	7.1	186.3	35.5	75.3	54.8	0.00
06/07/15 18:00	3314	6.3	198.5	31.8	72.8	59.2	0.00
06/07/15 19:00	3315	6.7	187.2	37.0	71.5	61.3	0.00
06/07/15 20:00	3316	7.5	182.9	33.8	70.3	63.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/07/15 21:00	3317	6.3	182.0	38.5	69.7	64.8	0.00
06/07/15 22:00	3318	5.6	168.4	40.1	69.5	66.3	0.00
06/07/15 23:00	3319	7.4	175.1	33.1	69.2	67.5	0.00
06/08/15 00:00	3320	8.5	170.1	30.6	68.6	69.4	0.00
06/08/15 01:00	3321	7.0	169.9	37.2	67.8	71.2	0.00
06/08/15 02:00	3322	6.9	172.4	35.7	66.9	71.4	0.00
06/08/15 03:00	3323	6.9	178.7	41.0	66.7	67.4	0.00
06/08/15 04:00	3324	7.0	179.7	40.7	66.3	76.6	0.00
06/08/15 05:00	3325	5.7	166.6	34.6	63.1	86.8	0.04
06/08/15 06:00	3326	5.9	128.9	49.1	60.8	88.7	0.02
06/08/15 07:00	3327	7.8	149.0	28.7	60.9	81.5	0.00
06/08/15 08:00	3328	7.6	170.9	24.8	62.3	82.0	0.00
06/08/15 09:00	3329	6.8	163.5	24.7	62.7	78.5	0.00
06/08/15 10:00	3330	7.5	162.5	20.3	65.0	76.0	0.00
06/08/15 11:00	3331	7.0	165.4	23.4	69.6	69.2	0.00
06/08/15 12:00	3332	5.4	175.1	40.9	73.7	68.2	0.00
06/08/15 13:00	3333	3.8	198.3	72.4	75.9	62.6	0.00
06/08/15 14:00	3334	5.5	194.6	39.2	79.6	59.2	0.00
06/08/15 15:00	3335	6.0	189.5	35.4	80.2	60.9	0.00
06/08/15 16:00	3336	6.3	190.3	35.3	80.0	73.5	0.00
06/08/15 17:00	3337	4.5	267.0	75.8	70.7	96.7	0.30
06/08/15 18:00	3338	3.2	186.7	78.0	67.7	91.7	0.01
06/08/15 19:00	3339	2.8	64.3	72.7	67.6	97.3	0.18
06/08/15 20:00	3340	2.7	157.7	75.2	67.8	93.0	0.01
06/08/15 21:00	3341	3.5	169.8	59.8	68.1	92.5	0.00
06/08/15 22:00	3342	5.7	163.5	26.8	68.6	89.6	0.00
06/08/15 23:00	3343	5.9	149.9	26.5	68.6	87.8	0.00
06/09/15 00:00	3344	4.0	97.1	67.3	67.7	95.4	0.06

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/09/15 01:00	3345	2.7	84.1	67.1	67.0	90.9	0.00
06/09/15 02:00	3346	3.3	92.3	68.5	66.9	89.7	0.00
06/09/15 03:00	3347	3.9	189.0	36.3	67.7	91.5	0.00
06/09/15 04:00	3348	3.6	232.7	52.4	67.3	91.9	0.02
06/09/15 05:00	3349	1.5	192.4	73.9	65.7	96.9	0.00
06/09/15 06:00	3350	1.7	5.2	60.3	65.4	96.9	0.00
06/09/15 07:00	3351	2.0	311.7	51.4	66.6	92.7	0.00
06/09/15 08:00	3352	3.0	222.9	90.4	70.7	72.8	0.00
06/09/15 09:00	3353	3.8	202.1	35.0	74.3	71.8	0.00
06/09/15 10:00	3354	5.0	197.9	30.0	76.2	62.3	0.00
06/09/15 11:00	3355	6.2	217.2	26.9	72.7	88.5	0.09
06/09/15 12:00	3356	6.1	215.5	26.9	69.2	74.1	0.05
06/09/15 13:00	3357	7.6	251.1	32.5	71.1	70.4	0.00
06/09/15 14:00	3358	3.8	294.4	58.5	72.6	61.3	0.00
06/09/15 15:00	3359	5.4	246.6	49.0	74.6	58.3	0.00
06/09/15 16:00	3360	5.5	254.9	34.2	74.6	56.7	0.00
06/09/15 17:00	3361	6.7	242.1	29.2	73.9	59.1	0.00
06/09/15 18:00	3362	5.4	284.8	51.9	73.2	60.1	0.00
06/09/15 19:00	3363	3.9	313.5	66.6	70.8	66.3	0.00
06/09/15 20:00	3364	3.4	263.3	48.3	68.1	73.0	0.00
06/09/15 21:00	3365	1.6	31.8	58.0	64.0	90.4	0.00
06/09/15 22:00	3366	1.8	30.0	31.7	60.5	95.4	0.00
06/09/15 23:00	3367	1.3	66.7	58.7	59.1	97.1	0.00
06/10/15 00:00	3368	1.5	20.5	37.7	57.7	97.6	0.00
06/10/15 01:00	3369	2.2	77.5	44.0	56.9	98.6	0.00
06/10/15 02:00	3370	1.5	48.5	44.4	57.3	98.9	0.00
06/10/15 03:00	3371	1.8	118.1	95.4	56.6	99.1	0.00
06/10/15 04:00	3372	1.6	192.2	57.2	56.2	99.3	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/10/15 05:00	3373	1.6	196.0	43.5	55.4	99.4	0.00
06/10/15 06:00	3374	1.5	176.7	61.8	55.2	99.4	0.00
06/10/15 07:00	3375	1.3	54.7	71.8	56.1	99.2	0.00
06/10/15 08:00	3376	1.7	75.6	54.2	57.7	98.1	0.00
06/10/15 09:00	3377	1.8	73.5	66.3	64.4	71.5	0.00
06/10/15 10:00	3378	2.9	184.2	73.9	71.6	66.7	0.00
06/10/15 11:00	3379	4.3	154.2	34.0	76.0	62.3	0.00
06/10/15 12:00	3380	3.7	201.3	47.6	77.8	52.3	0.00
06/10/15 13:00	3381	5.9	198.8	35.7	79.1	49.4	0.00
06/10/15 14:00	3382	6.0	199.9	35.6	80.3	46.7	0.00
06/10/15 15:00	3383	6.1	203.9	32.0	80.7	46.2	0.00
06/10/15 16:00	3384	6.3	203.6	32.9	81.9	45.2	0.00
06/10/15 17:00	3385	5.7	209.8	35.0	81.4	49.9	0.00
06/10/15 18:00	3386	4.6	203.0	31.2	79.7	48.1	0.00
06/10/15 19:00	3387	4.2	204.8	39.8	78.7	52.1	0.00
06/10/15 20:00	3388	4.1	180.8	36.3	76.6	57.2	0.00
06/10/15 21:00	3389	5.4	180.3	34.7	75.8	58.9	0.00
06/10/15 22:00	3390	5.8	197.3	42.9	75.2	60.0	0.00
06/10/15 23:00	3391	4.2	190.4	52.0	74.2	61.4	0.00
06/11/15 00:00	3392	4.1	181.2	39.5	73.4	66.7	0.00
06/11/15 01:00	3393	4.9	172.9	37.3	73.2	64.4	0.00
06/11/15 02:00	3394	3.8	159.8	48.9	73.8	66.5	0.00
06/11/15 03:00	3395	3.4	183.5	70.5	72.1	78.1	0.00
06/11/15 04:00	3396	3.0	192.4	63.4	71.6	85.4	0.00
06/11/15 05:00	3397	3.0	329.8	70.0	67.4	95.2	0.02
06/11/15 06:00	3398	2.1	351.0	86.9	67.4	90.2	0.00
06/11/15 07:00	3399	1.3	35.7	75.1	70.3	82.8	0.00
06/11/15 08:00	3400	1.7	103.0	87.2	74.9	71.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/11/15 09:00	3401	2.8	130.2	74.6	78.9	66.1	0.00
06/11/15 10:00	3402	3.0	286.6	61.9	79.4	65.7	0.00
06/11/15 11:00	3403	2.9	306.5	72.0	81.5	58.2	0.00
06/11/15 12:00	3404	3.5	274.0	82.3	82.9	56.9	0.00
06/11/15 13:00	3405	4.0	343.3	57.8	83.8	65.2	0.00
06/11/15 14:00	3406	3.8	257.1	62.1	84.8	52.9	0.00
06/11/15 15:00	3407	2.8	270.8	71.5	87.0	52.0	0.00
06/11/15 16:00	3408	3.9	287.5	66.1	87.0	52.9	0.00
06/11/15 17:00	3409	3.9	357.1	27.1	85.5	49.0	0.00
06/11/15 18:00	3410	3.8	356.8	31.7	84.4	50.5	0.00
06/11/15 19:00	3411	3.0	35.2	25.0	80.9	70.5	0.00
06/11/15 20:00	3412	2.3	40.8	45.0	74.9	81.0	0.00
06/11/15 21:00	3413	3.0	33.6	21.3	72.0	85.9	0.00
06/11/15 22:00	3414	1.7	35.7	48.1	69.8	87.3	0.00
06/11/15 23:00	3415	2.2	40.2	23.0	68.4	83.6	0.00
06/12/15 00:00	3416	3.3	45.5	17.8	67.2	90.6	0.00
06/12/15 01:00	3417	3.5	47.3	17.7	65.5	90.9	0.00
06/12/15 02:00	3418	3.5	58.6	17.4	64.7	92.4	0.00
06/12/15 03:00	3419	3.8	60.0	13.1	63.5	94.2	0.00
06/12/15 04:00	3420	3.1	51.8	18.6	62.5	94.7	0.00
06/12/15 05:00	3421	3.0	57.1	17.8	61.7	94.7	0.00
06/12/15 06:00	3422	3.6	66.0	15.8	62.1	92.1	0.00
06/12/15 07:00	3423	3.0	56.7	20.4	63.6	87.2	0.00
06/12/15 08:00	3424	3.5	57.0	19.8	65.4	79.0	0.00
06/12/15 09:00	3425	2.8	89.4	57.4	71.3	69.0	0.00
06/12/15 10:00	3426	2.3	45.8	71.5	78.1	65.0	0.00
06/12/15 11:00	3427	5.1	143.2	32.9	83.0	60.5	0.00
06/12/15 12:00	3428	4.6	169.5	34.0	85.6	58.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/12/15 13:00	3429	4.2	197.0	40.3	87.4	53.2	0.00
06/12/15 14:00	3430	5.3	195.0	34.4	89.5	49.5	0.00
06/12/15 15:00	3431	5.9	201.9	31.2	90.1	45.3	0.00
06/12/15 16:00	3432	5.8	199.6	33.2	89.9	42.4	0.00
06/12/15 17:00	3433	6.9	218.2	29.3	89.5	43.9	0.00
06/12/15 18:00	3434	6.2	210.7	30.1	87.8	49.3	0.00
06/12/15 19:00	3435	6.9	214.6	31.1	85.6	55.3	0.00
06/12/15 20:00	3436	7.6	214.6	31.2	84.1	59.7	0.00
06/12/15 21:00	3437	5.5	228.6	64.7	78.1	89.1	0.04
06/12/15 22:00	3438	1.7	159.3	85.1	70.3	96.6	0.03
06/12/15 23:00	3439	1.9	107.8	82.0	69.9	97.1	0.10
06/13/15 00:00	3440	1.7	60.3	73.4	69.4	97.5	0.00
06/13/15 01:00	3441	1.6	55.7	89.4	68.9	97.8	0.00
06/13/15 02:00	3442	0.9	21.4	102.5	68.3	98.3	0.00
06/13/15 03:00	3443	2.0	29.1	62.9	68.7	95.0	0.00
06/13/15 04:00	3444	4.0	7.4	42.4	69.3	87.2	0.00
06/13/15 05:00	3445	4.4	357.9	44.8	67.2	84.8	0.00
06/13/15 06:00	3446	6.0	8.7	24.3	66.0	84.3	0.00
06/13/15 07:00	3447	6.8	10.9	22.1	64.1	80.9	0.00
06/13/15 08:00	3448	3.7	335.2	57.4	63.6	79.3	0.00
06/13/15 09:00	3449	3.8	352.4	42.8	64.4	75.5	0.00
06/13/15 10:00	3450	4.1	0.8	32.3	66.4	69.2	0.00
06/13/15 11:00	3451	3.9	327.4	51.3	68.5	68.9	0.00
06/13/15 12:00	3452	4.9	352.1	49.2	70.5	63.2	0.00
06/13/15 13:00	3453	4.1	231.7	33.8	71.8	66.8	0.00
06/13/15 14:00	3454	3.8	230.3	30.0	74.0	58.9	0.00
06/13/15 15:00	3455	4.5	229.5	28.9	76.6	56.5	0.00
06/13/15 16:00	3456	4.3	228.4	31.2	78.8	53.6	0.00

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06/13/15 17:00	3457	3.3	246.6	54.3	79.8	48.6	0.00
06/13/15 18:00	3458	2.9	254.8	43.1	79.6	53.2	0.00
06/13/15 19:00	3459	1.8	266.8	53.9	77.5	67.5	0.00
06/13/15 20:00	3460	1.3	48.9	95.7	73.8	82.2	0.00
06/13/15 21:00	3461	1.6	59.7	63.7	69.4	86.5	0.00
06/13/15 22:00	3462	2.4	62.4	27.3	66.9	92.0	0.00
06/13/15 23:00	3463	3.1	41.4	14.7	64.4	94.1	0.00
06/14/15 00:00	3464	3.5	43.7	16.4	63.1	95.7	0.00
06/14/15 01:00	3465	3.5	55.5	12.8	62.1	96.9	0.00
06/14/15 02:00	3466	4.0	58.1	10.5	60.7	98.7	0.00
06/14/15 03:00	3467	4.2	49.8	14.1	59.9	98.9	0.00
06/14/15 04:00	3468	3.6	45.5	11.3	59.5	99.2	0.00
06/14/15 05:00	3469	4.0	51.2	11.7	59.2	98.9	0.00
06/14/15 06:00	3470	4.0	49.7	9.1	59.6	95.4	0.00
06/14/15 07:00	3471	4.3	54.8	10.3	61.1	91.0	0.00
06/14/15 08:00	3472	2.6	57.7	45.6	64.4	86.3	0.00
06/14/15 09:00	3473	1.7	31.0	77.6	67.7	78.9	0.00
06/14/15 10:00	3474	1.8	65.7	87.6	73.1	63.0	0.00
06/14/15 11:00	3475	2.1	238.5	67.5	78.6	53.2	0.00
06/14/15 12:00	3476	2.5	150.5	97.3	82.1	54.9	0.00
06/14/15 13:00	3477	3.3	178.2	60.2	83.9	50.9	0.00
06/14/15 14:00	3478	3.4	158.8	68.4	84.0	55.1	0.00
06/14/15 15:00	3479	2.8	182.4	35.6	84.4	55.5	0.00
06/14/15 16:00	3480	3.6	218.4	39.4	85.0	58.2	0.00
06/14/15 17:00	3481	2.8	96.4	73.9	80.2	82.8	0.00
06/14/15 18:00	3482	5.2	40.6	27.5	74.3	90.2	0.10
06/14/15 19:00	3483	4.5	56.4	17.7	70.7	94.6	0.03
06/14/15 20:00	3484	3.0	62.3	27.3	70.3	95.4	0.00

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06/14/15 21:00	3485	2.0	8.9	55.1	69.9	97.6	0.00
06/14/15 22:00	3486	5.1	126.2	43.0	72.0	91.4	0.00
06/14/15 23:00	3487	3.1	165.2	54.3	72.2	90.7	0.00
06/15/15 00:00	3488	2.6	239.1	61.3	71.9	94.3	0.00
06/15/15 01:00	3489	2.2	295.7	61.3	70.8	94.6	0.00
06/15/15 02:00	3490	2.5	150.4	93.6	71.4	93.5	0.00
06/15/15 03:00	3491	2.1	325.0	71.5	70.7	97.3	0.00
06/15/15 04:00	3492	1.2	278.4	88.3	70.2	97.6	0.00
06/15/15 05:00	3493	2.2	66.4	39.4	70.6	97.1	0.00
06/15/15 06:00	3494	1.7	18.1	92.5	71.0	96.0	0.00
06/15/15 07:00	3495	1.5	92.1	85.7	72.7	91.1	0.00
06/15/15 08:00	3496	1.7	208.7	36.9	74.0	85.9	0.01
06/15/15 09:00	3497	2.2	255.8	51.4	76.9	79.5	0.00
06/15/15 10:00	3498	2.0	1.0	63.5	78.3	72.6	0.00
06/15/15 11:00	3499	3.4	288.3	96.6	79.4	86.2	0.00
06/15/15 12:00	3500	2.2	193.3	52.1	76.0	93.0	0.13
06/15/15 13:00	3501	2.5	104.3	72.4	76.1	89.7	0.02
06/15/15 14:00	3502	2.6	172.3	83.8	79.8	80.9	0.01
06/15/15 15:00	3503	3.6	250.9	35.9	80.9	66.2	0.00
06/15/15 16:00	3504	3.9	241.1	26.3	83.4	68.7	0.00
06/15/15 17:00	3505	2.4	229.9	35.7	83.0	73.2	0.00
06/15/15 18:00	3506	2.1	207.2	46.2	78.7	84.8	0.05
06/15/15 19:00	3507	1.2	224.2	77.7	77.8	93.7	0.00
06/15/15 20:00	3508	2.5	129.3	91.7	75.4	95.3	0.00
06/15/15 21:00	3509	3.1	229.3	70.0	75.0	93.5	0.00
06/15/15 22:00	3510	1.8	239.4	90.6	74.1	94.5	0.00
06/15/15 23:00	3511	1.4	324.9	68.7	72.5	97.6	0.00
06/16/15 00:00	3512	1.2	22.8	57.9	71.1	97.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/16/15 01:00	3513	1.8	29.4	25.7	70.0	98.2	0.00
06/16/15 02:00	3514	1.1	356.9	37.8	69.7	98.4	0.00
06/16/15 03:00	3515	1.2	89.1	87.3	69.7	98.6	0.00
06/16/15 04:00	3516	1.8	51.3	43.3	69.7	98.8	0.00
06/16/15 05:00	3517	2.3	51.5	39.5	69.5	99.0	0.00
06/16/15 06:00	3518	2.3	62.3	40.9	69.6	98.8	0.00
06/16/15 07:00	3519	1.1	70.2	65.2	72.6	88.3	0.00
06/16/15 08:00	3520	2.3	70.4	74.2	77.0	78.5	0.00
06/16/15 09:00	3521	1.4	203.1	71.0	77.7	79.2	0.00
06/16/15 10:00	3522	2.2	204.2	33.7	78.0	82.9	0.00
06/16/15 11:00	3523	2.1	182.2	34.5	78.1	76.1	0.01
06/16/15 12:00	3524	3.4	206.8	36.5	81.4	67.9	0.00
06/16/15 13:00	3525	5.1	247.7	41.1	83.0	65.7	0.00
06/16/15 14:00	3526	4.6	273.3	60.2	80.9	92.5	0.10
06/16/15 15:00	3527	5.0	327.8	63.4	76.5	67.2	0.00
06/16/15 16:00	3528	6.5	341.3	44.0	78.7	58.7	0.00
06/16/15 17:00	3529	7.1	355.3	42.4	79.1	54.5	0.00
06/16/15 18:00	3530	5.6	359.8	28.6	79.0	56.4	0.00
06/16/15 19:00	3531	4.3	3.8	31.2	77.9	63.7	0.00
06/16/15 20:00	3532	3.9	28.8	12.3	73.0	82.7	0.00
06/16/15 21:00	3533	3.5	33.2	11.1	69.1	91.5	0.00
06/16/15 22:00	3534	2.7	27.1	18.1	66.2	95.6	0.00
06/16/15 23:00	3535	2.2	22.3	25.3	64.1	97.2	0.00
06/17/15 00:00	3536	2.1	15.6	24.0	62.4	97.7	0.00
06/17/15 01:00	3537	3.4	17.1	48.2	61.0	96.6	0.00
06/17/15 02:00	3538	2.7	23.9	42.7	59.2	96.1	0.00
06/17/15 03:00	3539	2.6	32.8	31.4	58.4	95.6	0.00
06/17/15 04:00	3540	3.9	33.8	12.2	57.5	96.8	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/17/15 05:00	3541	4.5	41.4	12.3	56.6	95.5	0.00
06/17/15 06:00	3542	4.5	52.3	13.6	56.9	90.2	0.00
06/17/15 07:00	3543	2.6	64.4	29.5	61.7	79.3	0.00
06/17/15 08:00	3544	2.0	351.1	94.4	67.9	67.3	0.00
06/17/15 09:00	3545	3.1	229.4	65.1	70.7	66.4	0.00
06/17/15 10:00	3546	3.5	250.6	74.2	72.8	48.5	0.00
06/17/15 11:00	3547	3.6	132.8	79.4	75.2	52.8	0.00
06/17/15 12:00	3548	2.7	193.8	48.8	77.3	44.1	0.00
06/17/15 13:00	3549	2.2	240.0	36.7	77.7	44.2	0.00
06/17/15 14:00	3550	2.0	215.4	51.4	78.3	44.0	0.00
06/17/15 15:00	3551	2.1	158.2	99.1	77.7	52.6	0.00
06/17/15 16:00	3552	2.8	85.1	31.6	75.8	53.3	0.00
06/17/15 17:00	3553	2.7	76.1	49.3	75.8	57.3	0.00
06/17/15 18:00	3554	2.7	65.3	49.6	74.9	64.5	0.00
06/17/15 19:00	3555	2.2	84.5	51.3	72.6	70.2	0.00
06/17/15 20:00	3556	1.6	86.7	60.6	69.7	81.0	0.00
06/17/15 21:00	3557	1.9	56.9	30.6	66.7	85.9	0.00
06/17/15 22:00	3558	2.4	66.0	19.6	65.0	89.9	0.00
06/17/15 23:00	3559	2.0	31.9	38.8	64.0	94.0	0.00
06/18/15 00:00	3560	1.6	314.4	84.1	63.0	95.4	0.00
06/18/15 01:00	3561	1.5	282.4	93.1	62.9	86.5	0.00
06/18/15 02:00	3562	2.4	179.2	68.4	64.6	82.3	0.00
06/18/15 03:00	3563	4.9	151.1	27.3	66.3	73.4	0.00
06/18/15 04:00	3564	5.5	152.8	21.1	66.0	80.5	0.00
06/18/15 05:00	3565	4.5	145.8	31.0	64.2	89.2	0.00
06/18/15 06:00	3566	3.8	151.0	35.0	63.6	92.5	0.00
06/18/15 07:00	3567	5.2	130.1	28.8	64.1	90.6	0.00
06/18/15 08:00	3568	7.2	114.7	21.9	65.0	88.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/18/15 09:00	3569	6.6	125.3	24.3	66.0	87.2	0.00
06/18/15 10:00	3570	6.5	145.2	26.1	67.7	82.7	0.00
06/18/15 11:00	3571	4.6	161.7	31.1	69.1	79.5	0.00
06/18/15 12:00	3572	5.4	171.7	28.1	70.4	80.4	0.00
06/18/15 13:00	3573	4.7	160.1	32.6	71.1	77.6	0.00
06/18/15 14:00	3574	3.4	168.2	41.1	71.9	79.0	0.00
06/18/15 15:00	3575	4.1	179.8	36.8	72.4	81.3	0.00
06/18/15 16:00	3576	5.6	149.8	21.1	70.9	84.3	0.00
06/18/15 17:00	3577	5.7	144.5	20.8	70.7	83.7	0.00
06/18/15 18:00	3578	6.2	143.7	22.1	70.9	84.0	0.00
06/18/15 19:00	3579	7.1	148.8	18.5	70.6	85.5	0.00
06/18/15 20:00	3580	6.9	137.3	17.7	70.0	84.7	0.00
06/18/15 21:00	3581	5.9	131.5	25.7	70.1	85.6	0.00
06/18/15 22:00	3582	6.1	139.9	23.0	69.9	86.6	0.00
06/18/15 23:00	3583	4.0	159.7	79.9	69.8	89.3	0.00
06/19/15 00:00	3584	2.1	319.9	63.5	68.5	93.1	0.00
06/19/15 01:00	3585	1.8	329.1	55.2	67.5	94.0	0.00
06/19/15 02:00	3586	2.2	351.1	63.9	67.6	94.9	0.00
06/19/15 03:00	3587	3.1	33.3	39.3	67.6	94.9	0.00
06/19/15 04:00	3588	2.2	39.4	28.2	66.9	96.1	0.00
06/19/15 05:00	3589	3.6	47.2	13.7	66.7	96.5	0.00
06/19/15 06:00	3590	2.3	34.6	32.7	67.7	91.6	0.00
06/19/15 07:00	3591	2.1	101.4	56.4	70.4	87.1	0.00
06/19/15 08:00	3592	2.0	291.9	85.4	72.0	83.1	0.00
06/19/15 09:00	3593	2.6	288.5	62.7	72.4	80.1	0.00
06/19/15 10:00	3594	2.1	329.8	65.1	72.2	79.4	0.00
06/19/15 11:00	3595	3.6	274.5	59.5	73.2	76.5	0.00
06/19/15 12:00	3596	4.1	272.2	49.5	75.6	67.3	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/19/15 13:00	3597	4.9	311.6	54.6	75.9	69.7	0.00
06/19/15 14:00	3598	4.7	301.3	63.7	77.4	62.0	0.00
06/19/15 15:00	3599	4.9	352.3	36.3	77.5	55.4	0.00
06/19/15 16:00	3600	5.6	327.9	55.4	79.0	56.4	0.00
06/19/15 17:00	3601	4.5	335.0	54.3	77.9	58.0	0.00
06/19/15 18:00	3602	4.0	342.9	47.3	76.3	61.5	0.00
06/19/15 19:00	3603	3.1	332.2	58.0	73.5	67.7	0.00
06/19/15 20:00	3604	1.7	347.0	73.2	69.8	77.7	0.00
06/19/15 21:00	3605	1.6	334.3	61.5	66.2	80.1	0.00
06/19/15 22:00	3606	1.8	356.7	49.8	63.6	88.5	0.00
06/19/15 23:00	3607	2.7	41.0	14.2	62.1	92.0	0.00
06/20/15 00:00	3608	1.3	69.3	52.7	60.5	92.8	0.00
06/20/15 01:00	3609	1.5	61.3	56.0	59.6	95.2	0.00
06/20/15 02:00	3610	2.4	44.1	24.7	58.7	95.7	0.00
06/20/15 03:00	3611	2.9	42.1	10.4	58.0	95.7	0.00
06/20/15 04:00	3612	2.9	52.7	15.1	58.4	94.8	0.00
06/20/15 05:00	3613	3.2	61.0	10.1	58.3	95.4	0.00
06/20/15 06:00	3614	2.6	69.4	23.7	58.6	93.1	0.00
06/20/15 07:00	3615	3.4	65.7	16.4	59.7	87.6	0.00
06/20/15 08:00	3616	2.7	61.7	34.0	63.7	74.6	0.00
06/20/15 09:00	3617	2.8	178.5	86.3	69.5	69.6	0.00
06/20/15 10:00	3618	4.1	198.9	53.6	70.5	69.3	0.00
06/20/15 11:00	3619	4.5	192.3	29.9	70.9	71.4	0.00
06/20/15 12:00	3620	4.5	199.7	45.0	71.4	66.3	0.00
06/20/15 13:00	3621	3.9	189.6	51.1	72.2	72.1	0.00
06/20/15 14:00	3622	3.7	204.2	50.9	73.2	70.8	0.00
06/20/15 15:00	3623	2.9	178.7	79.4	73.7	72.2	0.00
06/20/15 16:00	3624	3.9	57.6	31.8	73.6	73.3	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/20/15 17:00	3625	3.4	187.6	78.4	74.6	74.0	0.00
06/20/15 18:00	3626	3.0	202.0	48.6	74.0	76.3	0.00
06/20/15 19:00	3627	2.7	52.1	72.5	73.1	81.2	0.00
06/20/15 20:00	3628	4.5	49.5	20.4	70.4	87.2	0.00
06/20/15 21:00	3629	3.8	36.3	42.7	67.5	97.2	0.55
06/20/15 22:00	3630	4.6	64.9	18.7	65.6	98.0	0.18
06/20/15 23:00	3631	4.3	56.7	18.3	65.3	98.2	0.22
06/21/15 00:00	3632	3.0	37.4	54.7	65.4	98.4	0.25
06/21/15 01:00	3633	2.3	67.9	45.4	65.6	98.6	0.22
06/21/15 02:00	3634	2.4	12.1	37.5	65.5	98.4	0.08
06/21/15 03:00	3635	3.1	57.1	32.5	65.7	98.1	0.02
06/21/15 04:00	3636	2.3	38.1	29.5	65.9	98.1	0.12
06/21/15 05:00	3637	1.6	348.2	80.8	66.1	98.4	0.06
06/21/15 06:00	3638	1.4	114.1	81.6	66.7	98.3	0.00
06/21/15 07:00	3639	1.9	224.3	38.4	67.6	97.0	0.00
06/21/15 08:00	3640	2.0	295.6	76.5	69.4	90.5	0.00
06/21/15 09:00	3641	3.0	337.1	58.8	73.2	85.9	0.00
06/21/15 10:00	3642	3.6	297.1	63.6	76.3	74.6	0.00
06/21/15 11:00	3643	3.3	358.4	59.2	79.0	70.4	0.00
06/21/15 12:00	3644	4.1	278.1	58.6	82.3	57.1	0.00
06/21/15 13:00	3645	5.1	247.9	38.7	83.5	53.8	0.00
06/21/15 14:00	3646	4.6	238.6	28.4	84.8	57.4	0.00
06/21/15 15:00	3647	4.2	263.4	67.0	77.1	92.6	0.17
06/21/15 16:00	3648	3.0	54.0	45.8	75.1	81.2	0.00
06/21/15 17:00	3649	2.2	141.5	79.4	79.3	75.5	0.00
06/21/15 18:00	3650	1.8	90.7	95.6	78.2	90.5	0.01
06/21/15 19:00	3651	2.9	170.0	81.1	73.5	91.0	0.06
06/21/15 20:00	3652	1.4	54.1	81.9	71.2	96.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/21/15 21:00	3653	1.5	314.2	96.2	69.5	98.0	0.00
06/21/15 22:00	3654	1.4	227.4	78.8	68.4	98.4	0.00
06/21/15 23:00	3655	1.5	107.3	81.1	67.2	98.7	0.00
06/22/15 00:00	3656	1.8	34.2	53.5	65.8	98.7	0.00
06/22/15 01:00	3657	2.2	13.4	21.3	64.3	98.7	0.00
06/22/15 02:00	3658	1.8	0.3	24.4	62.7	98.8	0.00
06/22/15 03:00	3659	2.0	349.8	41.7	61.7	99.0	0.00
06/22/15 04:00	3660	2.0	12.3	54.3	61.1	98.9	0.00
06/22/15 05:00	3661	2.3	11.9	39.4	60.5	98.8	0.01
06/22/15 06:00	3662	4.7	47.8	19.7	61.4	97.6	0.00
06/22/15 07:00	3663	2.6	60.0	18.8	63.9	91.3	0.00
06/22/15 08:00	3664	2.3	167.8	83.0	70.9	71.0	0.00
06/22/15 09:00	3665	3.7	235.6	31.8	73.1	63.1	0.00
06/22/15 10:00	3666	3.0	237.2	57.2	76.1	56.1	0.00
06/22/15 11:00	3667	3.1	246.5	68.8	78.6	51.9	0.00
06/22/15 12:00	3668	2.7	117.5	100.5	81.3	47.3	0.00
06/22/15 13:00	3669	3.3	120.9	91.3	81.9	45.5	0.00
06/22/15 14:00	3670	3.2	256.5	78.1	83.7	49.4	0.00
06/22/15 15:00	3671	2.7	246.6	58.2	83.8	49.9	0.00
06/22/15 16:00	3672	2.7	258.4	75.8	84.7	46.4	0.00
06/22/15 17:00	3673	2.4	181.6	43.3	85.3	48.5	0.00
06/22/15 18:00	3674	1.8	197.0	36.1	84.8	54.4	0.00
06/22/15 19:00	3675	2.1	195.0	27.7	78.8	77.7	0.00
06/22/15 20:00	3676	1.8	195.3	63.8	74.7	80.2	0.00
06/22/15 21:00	3677	1.7	59.7	62.8	70.3	91.9	0.00
06/22/15 22:00	3678	2.2	45.4	28.4	68.4	92.2	0.00
06/22/15 23:00	3679	1.3	58.4	67.2	67.2	94.3	0.00
06/23/15 00:00	3680	2.5	51.3	30.8	66.4	95.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/23/15 01:00	3681	6.0	60.3	16.7	66.2	93.6	0.00
06/23/15 02:00	3682	3.8	56.6	44.0	65.5	93.0	0.00
06/23/15 03:00	3683	1.7	62.5	73.3	65.1	94.2	0.00
06/23/15 04:00	3684	2.1	336.6	58.8	65.5	93.0	0.00
06/23/15 05:00	3685	3.8	220.4	31.4	70.3	79.8	0.00
06/23/15 06:00	3686	4.7	213.2	25.9	75.2	75.4	0.00
06/23/15 07:00	3687	3.7	187.7	37.2	76.0	74.3	0.00
06/23/15 08:00	3688	5.3	206.6	33.6	77.5	65.8	0.00
06/23/15 09:00	3689	4.2	218.2	70.8	73.3	90.0	0.04
06/23/15 10:00	3690	3.4	190.7	63.2	72.9	80.1	0.00
06/23/15 11:00	3691	4.1	196.0	77.2	76.3	66.0	0.00
06/23/15 12:00	3692	3.8	178.4	55.0	82.5	61.8	0.00
06/23/15 13:00	3693	7.7	204.2	28.7	85.0	66.7	0.00
06/23/15 14:00	3694	6.4	212.3	32.5	82.1	64.4	0.00
06/23/15 15:00	3695	6.1	227.2	31.4	84.6	58.6	0.00
06/23/15 16:00	3696	5.8	230.0	33.4	85.0	63.4	0.00
06/23/15 17:00	3697	5.0	220.8	53.5	80.1	80.0	0.13
06/23/15 18:00	3698	1.5	189.5	67.7	78.5	86.7	0.00
06/23/15 19:00	3699	2.2	86.0	93.1	77.6	60.2	0.00
06/23/15 20:00	3700	4.9	7.1	31.7	76.9	55.2	0.00
06/23/15 21:00	3701	3.0	352.1	48.9	73.5	61.3	0.00
06/23/15 22:00	3702	2.8	346.8	53.3	70.9	68.1	0.00
06/23/15 23:00	3703	4.1	24.6	20.5	68.1	71.6	0.00
06/24/15 00:00	3704	4.0	29.8	15.2	65.5	83.8	0.00
06/24/15 01:00	3705	2.5	22.5	16.6	61.2	93.3	0.00
06/24/15 02:00	3706	2.3	23.9	32.2	58.9	96.4	0.00
06/24/15 03:00	3707	1.8	20.0	35.4	57.5	97.2	0.00
06/24/15 04:00	3708	2.8	31.7	15.7	56.9	97.8	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/24/15 05:00	3709	4.0	39.3	9.5	57.0	96.3	0.00
06/24/15 06:00	3710	2.4	45.8	13.9	59.3	85.9	0.00
06/24/15 07:00	3711	2.8	31.9	52.8	64.4	71.1	0.00
06/24/15 08:00	3712	3.8	352.8	48.0	66.9	67.7	0.00
06/24/15 09:00	3713	4.5	354.4	41.0	68.7	64.2	0.00
06/24/15 10:00	3714	4.1	317.8	63.0	70.2	61.7	0.00
06/24/15 11:00	3715	3.9	298.4	63.3	72.9	60.8	0.00
06/24/15 12:00	3716	4.7	294.6	51.1	75.0	49.5	0.00
06/24/15 13:00	3717	4.8	310.5	66.8	76.8	47.8	0.00
06/24/15 14:00	3718	5.0	312.9	61.6	77.5	45.6	0.00
06/24/15 15:00	3719	4.5	351.2	57.6	78.5	43.1	0.00
06/24/15 16:00	3720	4.8	292.3	54.5	79.5	45.5	0.00
06/24/15 17:00	3721	4.2	311.8	58.0	79.3	47.7	0.00
06/24/15 18:00	3722	4.2	2.9	34.8	77.9	48.8	0.00
06/24/15 19:00	3723	4.9	22.8	13.7	76.5	55.0	0.00
06/24/15 20:00	3724	3.9	23.0	12.5	70.8	75.8	0.00
06/24/15 21:00	3725	3.0	73.2	23.9	66.9	84.7	0.00
06/24/15 22:00	3726	1.3	91.1	86.3	62.5	91.3	0.00
06/24/15 23:00	3727	2.0	33.9	38.2	60.5	94.2	0.00
06/25/15 00:00	3728	3.1	46.9	11.5	59.3	93.6	0.00
06/25/15 01:00	3729	4.7	54.8	10.5	58.3	95.4	0.00
06/25/15 02:00	3730	3.9	46.0	13.1	57.1	96.3	0.00
06/25/15 03:00	3731	3.5	60.0	15.6	56.2	96.3	0.00
06/25/15 04:00	3732	4.1	64.7	12.7	55.2	98.2	0.00
06/25/15 05:00	3733	2.0	68.8	42.7	55.2	98.4	0.00
06/25/15 06:00	3734	2.5	65.6	25.4	55.3	98.7	0.00
06/25/15 07:00	3735	2.4	42.5	53.9	55.6	98.7	0.00
06/25/15 08:00	3736	2.5	26.2	43.4	57.7	91.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/25/15 09:00	3737	2.7	81.7	51.2	64.0	71.3	0.00
06/25/15 10:00	3738	1.7	175.3	75.7	73.6	52.6	0.00
06/25/15 11:00	3739	2.4	351.5	87.9	76.8	53.6	0.00
06/25/15 12:00	3740	3.2	81.5	59.7	77.6	51.4	0.00
06/25/15 13:00	3741	2.6	6.6	41.6	78.1	48.8	0.00
06/25/15 14:00	3742	2.3	223.4	40.5	79.3	41.2	0.00
06/25/15 15:00	3743	2.6	149.7	39.2	78.6	47.9	0.00
06/25/15 16:00	3744	1.6	201.5	57.4	76.5	60.0	0.00
06/25/15 17:00	3745	1.5	200.6	53.4	75.2	62.8	0.00
06/25/15 18:00	3746	2.5	56.5	21.6	72.5	75.7	0.00
06/25/15 19:00	3747	2.3	93.0	68.8	70.4	81.7	0.00
06/25/15 20:00	3748	2.9	152.5	78.4	69.5	67.4	0.00
06/25/15 21:00	3749	2.2	215.1	29.2	68.2	81.3	0.00
06/25/15 22:00	3750	1.7	257.2	78.5	66.1	86.6	0.00
06/25/15 23:00	3751	1.9	299.0	76.2	65.3	89.0	0.00
06/26/15 00:00	3752	1.7	347.4	47.3	62.0	93.8	0.00
06/26/15 01:00	3753	1.5	35.6	45.1	60.1	95.8	0.00
06/26/15 02:00	3754	3.0	60.8	31.7	60.1	95.3	0.00
06/26/15 03:00	3755	2.3	34.3	30.6	59.0	95.9	0.00
06/26/15 04:00	3756	2.9	46.3	11.5	59.1	96.4	0.00
06/26/15 05:00	3757	2.5	45.7	15.9	59.1	96.0	0.00
06/26/15 06:00	3758	3.3	56.4	13.5	59.3	92.1	0.00
06/26/15 07:00	3759	3.2	63.7	32.9	62.2	77.3	0.00
06/26/15 08:00	3760	3.1	265.2	49.5	66.6	81.7	0.00
06/26/15 09:00	3761	4.5	264.6	36.4	66.8	78.3	0.00
06/26/15 10:00	3762	4.4	260.3	45.8	70.4	71.1	0.00
06/26/15 11:00	3763	4.7	247.3	44.9	73.2	69.5	0.00
06/26/15 12:00	3764	3.9	310.5	70.1	75.2	60.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/26/15 13:00	3765	5.1	10.3	44.7	77.6	52.8	0.00
06/26/15 14:00	3766	5.3	14.3	53.6	77.9	52.3	0.00
06/26/15 15:00	3767	3.7	11.5	44.7	78.3	46.1	0.00
06/26/15 16:00	3768	2.8	316.9	55.7	79.9	42.7	0.00
06/26/15 17:00	3769	5.1	21.2	20.9	78.1	52.4	0.00
06/26/15 18:00	3770	3.9	22.9	32.5	77.9	52.2	0.00
06/26/15 19:00	3771	3.4	20.5	28.1	76.6	58.8	0.00
06/26/15 20:00	3772	2.9	46.8	25.8	71.3	79.7	0.00
06/26/15 21:00	3773	2.4	20.9	45.6	66.4	85.9	0.00
06/26/15 22:00	3774	3.6	32.0	14.7	63.8	87.7	0.00
06/26/15 23:00	3775	3.9	47.1	10.6	62.6	92.0	0.00
06/27/15 00:00	3776	3.1	33.3	19.5	61.5	93.1	0.00
06/27/15 01:00	3777	3.7	50.5	14.5	61.6	90.3	0.00
06/27/15 02:00	3778	3.3	54.6	15.4	62.1	90.0	0.00
06/27/15 03:00	3779	2.7	72.1	25.0	62.7	87.9	0.00
06/27/15 04:00	3780	1.8	70.1	56.7	62.9	89.2	0.00
06/27/15 05:00	3781	1.6	85.6	46.5	62.7	88.8	0.00
06/27/15 06:00	3782	1.5	206.1	86.0	63.1	89.8	0.00
06/27/15 07:00	3783	2.0	203.5	73.7	66.6	77.5	0.00
06/27/15 08:00	3784	4.8	197.4	33.6	67.0	82.6	0.00
06/27/15 09:00	3785	3.9	227.3	34.8	65.8	85.7	0.00
06/27/15 10:00	3786	3.5	238.7	52.7	65.0	91.1	0.03
06/27/15 11:00	3787	2.8	353.8	54.2	64.1	84.8	0.04
06/27/15 12:00	3788	4.4	241.3	71.1	63.2	85.7	0.02
06/27/15 13:00	3789	4.0	239.0	54.6	60.3	88.1	0.10
06/27/15 14:00	3790	5.0	314.5	56.7	59.1	84.4	0.09
06/27/15 15:00	3791	9.5	52.0	25.7	58.7	88.7	0.09
06/27/15 16:00	3792	6.3	36.0	72.3	57.8	94.7	0.21

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/27/15 17:00	3793	5.2	248.1	94.8	57.9	87.3	0.29
06/27/15 18:00	3794	12.2	57.4	18.6	58.6	82.8	0.00
06/27/15 19:00	3795	5.1	324.4	75.6	57.6	88.4	0.00
06/27/15 20:00	3796	7.9	26.7	51.0	58.1	81.2	0.00
06/27/15 21:00	3797	4.6	36.6	48.8	57.5	91.1	0.09
06/27/15 22:00	3798	3.5	18.4	57.6	57.4	84.7	0.00
06/27/15 23:00	3799	6.6	45.9	26.5	58.4	81.3	0.00
06/28/15 00:00	3800	3.3	56.6	48.4	58.2	88.2	0.00
06/28/15 01:00	3801	3.6	89.7	43.2	56.7	92.2	0.02
06/28/15 02:00	3802	3.1	13.7	40.4	56.4	93.5	0.02
06/28/15 03:00	3803	2.3	60.7	41.8	56.1	94.4	0.00
06/28/15 04:00	3804	2.3	45.6	96.2	56.4	96.0	0.02
06/28/15 05:00	3805	1.9	151.0	90.4	56.6	97.2	0.13
06/28/15 06:00	3806	2.6	64.3	25.7	56.7	97.5	0.06
06/28/15 07:00	3807	2.7	53.1	20.8	57.4	96.4	0.01
06/28/15 08:00	3808	2.2	58.7	27.8	58.2	96.1	0.01
06/28/15 09:00	3809	1.7	85.2	54.7	59.6	94.0	0.00
06/28/15 10:00	3810	2.4	160.8	75.1	61.7	88.5	0.00
06/28/15 11:00	3811	3.5	144.2	31.9	63.1	85.7	0.00
06/28/15 12:00	3812	4.5	139.4	29.6	64.6	85.5	0.00
06/28/15 13:00	3813	3.1	76.8	56.3	67.4	75.6	0.00
06/28/15 14:00	3814	3.5	205.4	40.9	68.4	79.3	0.00
06/28/15 15:00	3815	3.8	223.4	41.6	67.6	72.1	0.00
06/28/15 16:00	3816	4.5	199.0	29.9	70.3	70.5	0.00
06/28/15 17:00	3817	5.2	202.9	29.7	69.4	72.8	0.00
06/28/15 18:00	3818	4.6	208.0	28.8	69.0	75.5	0.00
06/28/15 19:00	3819	3.5	207.1	27.3	67.9	79.5	0.00
06/28/15 20:00	3820	4.2	234.6	36.2	65.5	88.3	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
06/28/15 21:00	3821	3.6	246.0	45.9	64.9	77.0	0.00
06/28/15 22:00	3822	3.2	263.6	40.7	64.4	73.0	0.00
06/28/15 23:00	3823	4.7	241.6	38.0	63.2	72.9	0.00
06/29/15 00:00	3824	3.0	213.0	37.5	61.9	72.5	0.00
06/29/15 01:00	3825	2.2	216.5	61.3	61.6	73.1	0.00
06/29/15 02:00	3826	2.2	222.3	90.9	60.9	79.3	0.00
06/29/15 03:00	3827	2.4	57.4	35.7	60.4	83.7	0.00
06/29/15 04:00	3828	2.2	20.0	36.7	59.4	89.7	0.00
06/29/15 05:00	3829	2.5	38.4	35.2	59.0	92.9	0.00
06/29/15 06:00	3830	2.0	56.1	40.1	59.5	87.2	0.00
06/29/15 07:00	3831	2.1	60.7	34.5	61.7	78.5	0.00
06/29/15 08:00	3832	3.7	274.3	51.8	63.3	78.6	0.00
06/29/15 09:00	3833	3.4	241.9	34.7	64.9	73.3	0.00
06/29/15 10:00	3834	3.1	267.2	47.7	66.8	66.0	0.00
06/29/15 11:00	3835	3.1	264.6	51.1	67.5	63.6	0.00
06/29/15 12:00	3836	3.4	238.3	44.0	69.8	60.4	0.00
06/29/15 13:00	3837	4.0	270.7	64.0	72.4	53.1	0.00
06/29/15 14:00	3838	3.1	256.4	58.4	73.6	52.0	0.00
06/29/15 15:00	3839	2.9	227.6	63.8	75.8	51.8	0.00
06/29/15 16:00	3840	1.7	185.9	30.6	76.1	52.9	0.00
06/29/15 17:00	3841	2.0	174.1	44.9	77.3	52.2	0.00
06/29/15 18:00	3842	2.1	202.9	37.0	77.7	58.8	0.00
06/29/15 19:00	3843	1.7	204.4	36.4	72.3	78.5	0.00
06/29/15 20:00	3844	1.6	166.8	44.5	68.7	83.5	0.00
06/29/15 21:00	3845	2.1	192.2	33.7	66.7	91.9	0.00
06/29/15 22:00	3846	2.1	212.9	33.0	65.4	92.9	0.00
06/29/15 23:00	3847	1.3	151.3	45.5	64.7	94.2	0.00
06/30/15 00:00	3848	1.4	151.5	89.2	64.5	94.8	0.00

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06/30/15 01:00	3849	1.2	159.4	62.5	64.3	95.5	0.00
06/30/15 02:00	3850	1.6	118.1	47.7	63.6	95.9	0.00
06/30/15 03:00	3851	1.8	93.9	52.2	63.2	94.3	0.00
06/30/15 04:00	3852	2.3	83.0	62.5	63.2	95.6	0.00
06/30/15 05:00	3853	2.0	355.4	64.7	62.9	95.6	0.00
06/30/15 06:00	3854	2.5	11.0	79.1	63.5	94.1	0.00
06/30/15 07:00	3855	3.8	57.2	13.4	63.6	91.5	0.00
06/30/15 08:00	3856	3.1	59.7	37.4	63.7	96.1	0.10
06/30/15 09:00	3857	2.8	62.2	46.8	64.3	96.3	0.10
06/30/15 10:00	3858	3.2	68.6	56.5	64.9	92.9	0.12
06/30/15 11:00	3859	3.9	169.3	63.8	69.0	87.0	0.00
06/30/15 12:00	3860	5.4	159.1	27.9	72.5	81.4	0.00
06/30/15 13:00	3861	4.8	165.6	31.9	74.5	79.3	0.00
06/30/15 14:00	3862	3.8	152.4	50.0	73.5	85.7	0.06
06/30/15 15:00	3863	3.3	159.6	90.2	71.1	83.9	0.16
06/30/15 16:00	3864	4.1	164.8	80.2	72.1	91.8	0.16
06/30/15 17:00	3865	4.2	228.4	76.0	72.6	82.4	0.00
06/30/15 18:00	3866	4.4	175.0	39.8	72.8	81.0	0.00
06/30/15 19:00	3867	3.7	177.7	38.4	72.2	84.5	0.00
06/30/15 20:00	3868	2.7	187.1	51.1	70.1	90.4	0.02
06/30/15 21:00	3869	2.3	317.3	92.6	68.2	95.8	0.00
06/30/15 22:00	3870	2.1	233.2	81.1	67.2	97.5	0.23
06/30/15 23:00	3871	3.1	86.5	86.0	66.5	97.8	0.40
07/01/15 00:00	3872	3.3	169.5	86.1	64.9	96.2	0.14
07/01/15 01:00	3873	3.2	297.3	72.1	64.2	97.0	0.00
07/01/15 02:00	3874	2.0	7.2	95.5	63.7	98.0	0.05
07/01/15 03:00	3875	2.7	254.4	98.6	63.7	98.5	0.13
07/01/15 04:00	3876	1.4	295.5	78.6	63.7	98.5	0.00

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07/01/15 05:00	3877	1.6	251.0	57.4	63.5	98.6	0.00
07/01/15 06:00	3878	2.4	167.4	83.4	63.5	98.2	0.00
07/01/15 07:00	3879	2.0	141.8	75.6	64.9	94.3	0.00
07/01/15 08:00	3880	1.9	102.1	81.9	67.0	85.5	0.00
07/01/15 09:00	3881	2.4	212.9	42.4	70.0	71.8	0.00
07/01/15 10:00	3882	3.3	235.3	35.7	71.1	66.2	0.00
07/01/15 11:00	3883	5.1	220.3	32.5	73.4	60.8	0.00
07/01/15 12:00	3884	5.5	220.4	32.0	74.3	60.6	0.00
07/01/15 13:00	3885	5.2	214.3	29.3	74.9	61.8	0.00
07/01/15 14:00	3886	6.7	215.7	27.0	74.5	59.7	0.00
07/01/15 15:00	3887	6.7	226.2	27.5	76.0	58.6	0.00
07/01/15 16:00	3888	4.0	261.6	69.6	72.0	72.9	0.01
07/01/15 17:00	3889	2.6	190.2	77.4	75.0	63.3	0.00
07/01/15 18:00	3890	3.5	239.4	39.2	75.2	64.6	0.00
07/01/15 19:00	3891	2.3	225.4	50.8	75.1	64.4	0.00
07/01/15 20:00	3892	1.4	21.7	76.5	69.2	89.4	0.00
07/01/15 21:00	3893	1.0	22.9	49.5	64.1	94.9	0.00
07/01/15 22:00	3894	1.2	25.7	56.9	61.9	96.5	0.00
07/01/15 23:00	3895	1.8	35.3	45.9	60.6	97.2	0.00
07/02/15 00:00	3896	1.7	29.6	50.6	59.5	98.0	0.00
07/02/15 01:00	3897	2.3	65.6	30.3	59.0	98.9	0.00
07/02/15 02:00	3898	1.9	82.7	80.2	58.6	99.1	0.00
07/02/15 03:00	3899	1.4	251.4	50.7	58.0	99.1	0.00
07/02/15 04:00	3900	1.5	259.3	17.3	57.3	99.2	0.00
07/02/15 05:00	3901	2.4	52.6	44.0	57.3	99.4	0.01
07/02/15 06:00	3902	1.7	198.5	48.4	57.4	99.2	0.00
07/02/15 07:00	3903	1.5	147.5	52.2	58.0	99.1	0.00
07/02/15 08:00	3904	2.2	67.3	54.8	60.0	93.4	0.00

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07/02/15 09:00	3905	2.2	57.9	78.4	65.6	70.0	0.00
07/02/15 10:00	3906	2.1	182.0	62.2	69.7	74.1	0.00
07/02/15 11:00	3907	3.0	187.1	95.7	71.7	55.0	0.00
07/02/15 12:00	3908	3.5	241.2	45.7	74.4	54.2	0.00
07/02/15 13:00	3909	3.2	293.9	82.2	75.1	57.1	0.00
07/02/15 14:00	3910	3.5	341.8	53.3	74.8	52.1	0.00
07/02/15 15:00	3911	4.0	302.7	58.9	76.0	52.7	0.00
07/02/15 16:00	3912	3.1	258.4	51.5	76.9	45.8	0.00
07/02/15 17:00	3913	3.0	252.0	39.8	77.0	47.3	0.00
07/02/15 18:00	3914	3.1	338.7	61.4	75.5	60.0	0.00
07/02/15 19:00	3915	2.9	45.3	17.5	72.3	74.2	0.00
07/02/15 20:00	3916	3.1	46.4	25.9	68.4	82.9	0.00
07/02/15 21:00	3917	2.2	39.8	21.4	65.6	88.9	0.00
07/02/15 22:00	3918	2.5	39.8	23.1	63.9	91.8	0.00
07/02/15 23:00	3919	2.6	32.0	17.1	62.7	92.1	0.00
07/03/15 00:00	3920	2.7	43.6	20.1	61.2	93.8	0.00
07/03/15 01:00	3921	3.0	39.8	17.0	58.9	94.2	0.00
07/03/15 02:00	3922	4.2	36.2	21.6	57.8	95.9	0.00
07/03/15 03:00	3923	3.9	41.9	17.0	56.3	96.6	0.00
07/03/15 04:00	3924	3.6	49.3	14.8	55.0	97.1	0.00
07/03/15 05:00	3925	3.8	48.1	13.8	53.7	98.6	0.00
07/03/15 06:00	3926	4.0	49.5	14.6	53.5	96.2	0.00
07/03/15 07:00	3927	3.6	52.0	13.4	56.8	81.2	0.00
07/03/15 08:00	3928	2.8	66.2	45.4	62.6	64.5	0.00
07/03/15 09:00	3929	5.0	33.5	22.9	64.6	56.0	0.00
07/03/15 10:00	3930	5.9	43.6	20.9	67.6	48.3	0.00
07/03/15 11:00	3931	5.1	88.3	45.9	70.0	46.1	0.00
07/03/15 12:00	3932	3.3	217.9	60.4	73.1	44.2	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/03/15 13:00	3933	3.0	213.7	40.9	75.5	42.2	0.00
07/03/15 14:00	3934	2.8	271.9	93.7	76.8	43.3	0.00
07/03/15 15:00	3935	3.6	22.5	63.7	77.6	44.1	0.00
07/03/15 16:00	3936	4.3	6.5	36.3	78.4	48.7	0.00
07/03/15 17:00	3937	4.1	38.0	41.2	77.9	50.0	0.00
07/03/15 18:00	3938	2.7	87.8	37.4	76.8	57.5	0.00
07/03/15 19:00	3939	4.3	69.4	13.7	74.8	71.1	0.00
07/03/15 20:00	3940	2.7	72.3	20.5	71.2	79.9	0.00
07/03/15 21:00	3941	1.7	110.0	46.7	67.5	87.1	0.00
07/03/15 22:00	3942	2.7	53.7	29.4	65.6	88.7	0.00
07/03/15 23:00	3943	3.0	73.5	25.6	64.8	92.5	0.00
07/04/15 00:00	3944	4.2	67.1	16.6	64.2	92.1	0.00
07/04/15 01:00	3945	4.1	75.2	14.7	64.2	91.7	0.00
07/04/15 02:00	3946	3.5	71.7	16.3	63.9	92.5	0.00
07/04/15 03:00	3947	2.7	75.7	25.2	63.7	95.0	0.01
07/04/15 04:00	3948	1.3	108.5	58.2	63.3	96.8	0.06
07/04/15 05:00	3949	3.6	166.2	57.2	64.3	95.6	0.13
07/04/15 06:00	3950	2.0	80.9	86.1	63.7	97.4	0.07
07/04/15 07:00	3951	2.6	49.1	35.5	63.1	95.7	0.17
07/04/15 08:00	3952	1.4	311.2	70.0	63.0	97.3	0.13
07/04/15 09:00	3953	2.1	52.8	28.6	63.3	96.2	0.04
07/04/15 10:00	3954	2.7	58.9	38.0	63.6	96.7	0.13
07/04/15 11:00	3955	2.4	71.0	31.3	64.0	91.1	0.07
07/04/15 12:00	3956	2.6	63.3	31.4	64.0	94.0	0.03
07/04/15 13:00	3957	4.1	33.4	19.3	64.7	87.3	0.00
07/04/15 14:00	3958	3.1	25.3	31.4	65.7	88.0	0.00
07/04/15 15:00	3959	3.9	42.1	23.9	66.3	86.9	0.00
07/04/15 16:00	3960	3.4	39.0	22.7	66.2	86.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/04/15 17:00	3961	3.2	54.2	21.3	65.9	88.2	0.00
07/04/15 18:00	3962	2.8	141.6	71.0	66.6	84.8	0.00
07/04/15 19:00	3963	2.1	188.9	53.0	66.0	88.7	0.00
07/04/15 20:00	3964	1.2	266.8	71.2	65.2	92.9	0.00
07/04/15 21:00	3965	2.1	44.1	33.3	64.1	96.3	0.00
07/04/15 22:00	3966	2.1	49.2	38.1	62.7	97.8	0.00
07/04/15 23:00	3967	2.3	40.2	22.3	61.3	98.7	0.00
07/05/15 00:00	3968	2.3	82.7	52.3	61.3	99.1	0.00
07/05/15 01:00	3969	1.7	141.5	20.8	60.8	99.2	0.00
07/05/15 02:00	3970	1.5	166.7	20.1	60.3	99.2	0.00
07/05/15 03:00	3971	1.6	183.7	20.6	60.0	99.1	0.00
07/05/15 04:00	3972	1.7	177.1	25.3	59.9	99.0	0.00
07/05/15 05:00	3973	1.1	166.9	39.7	60.1	98.9	0.00
07/05/15 06:00	3974	1.4	203.1	49.3	60.2	98.7	0.00
07/05/15 07:00	3975	1.1	223.7	97.1	60.8	98.5	0.00
07/05/15 08:00	3976	2.3	28.0	61.6	63.2	81.1	0.00
07/05/15 09:00	3977	2.4	231.4	75.1	65.4	82.1	0.00
07/05/15 10:00	3978	2.4	214.7	58.9	69.5	59.4	0.00
07/05/15 11:00	3979	2.3	259.3	73.2	72.3	60.0	0.00
07/05/15 12:00	3980	2.8	253.9	69.4	74.9	59.5	0.00
07/05/15 13:00	3981	3.0	226.4	35.5	77.6	51.5	0.00
07/05/15 14:00	3982	2.8	308.2	98.4	79.2	55.6	0.00
07/05/15 15:00	3983	3.1	238.5	46.3	81.1	47.7	0.00
07/05/15 16:00	3984	2.3	258.7	55.3	81.9	43.5	0.00
07/05/15 17:00	3985	2.7	300.6	67.9	81.7	43.2	0.00
07/05/15 18:00	3986	1.6	309.5	56.5	80.4	66.9	0.00
07/05/15 19:00	3987	1.9	181.5	23.4	76.0	74.5	0.00
07/05/15 20:00	3988	1.2	161.2	28.9	70.9	86.3	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/05/15 21:00	3989	1.3	129.4	54.5	67.3	87.1	0.00
07/05/15 22:00	3990	2.1	50.1	45.0	64.9	94.1	0.00
07/05/15 23:00	3991	1.8	42.6	50.4	63.5	95.9	0.00
07/06/15 00:00	3992	1.8	65.0	28.7	62.6	96.5	0.00
07/06/15 01:00	3993	1.3	121.8	60.3	61.8	97.2	0.00
07/06/15 02:00	3994	1.6	137.1	93.3	61.0	98.1	0.00
07/06/15 03:00	3995	2.0	71.4	25.2	61.6	98.9	0.00
07/06/15 04:00	3996	3.2	33.2	20.3	61.0	99.1	0.00
07/06/15 05:00	3997	4.0	30.5	13.7	60.3	99.2	0.00
07/06/15 06:00	3998	3.5	37.1	15.6	59.8	99.0	0.00
07/06/15 07:00	3999	1.4	52.4	52.6	60.6	98.6	0.00
07/06/15 08:00	4000	2.5	28.2	62.9	62.3	91.2	0.00
07/06/15 09:00	4001	2.6	70.3	39.0	66.2	81.7	0.00
07/06/15 10:00	4002	2.3	53.1	88.1	72.5	71.2	0.00
07/06/15 11:00	4003	1.9	226.0	66.3	76.6	67.3	0.00
07/06/15 12:00	4004	2.2	278.2	69.8	79.1	64.8	0.00
07/06/15 13:00	4005	2.5	170.6	70.8	81.6	61.0	0.00
07/06/15 14:00	4006	2.4	162.0	43.3	79.8	64.1	0.00
07/06/15 15:00	4007	2.9	212.6	82.4	82.0	58.3	0.00
07/06/15 16:00	4008	2.9	201.8	50.5	83.1	56.5	0.00
07/06/15 17:00	4009	2.5	153.3	56.0	82.9	58.5	0.00
07/06/15 18:00	4010	3.3	183.3	35.5	82.1	62.4	0.00
07/06/15 19:00	4011	3.4	195.9	48.6	79.6	67.0	0.00
07/06/15 20:00	4012	3.2	179.6	61.6	77.7	73.6	0.00
07/06/15 21:00	4013	2.8	105.2	57.3	74.0	77.9	0.00
07/06/15 22:00	4014	2.6	36.8	54.7	72.3	88.4	0.00
07/06/15 23:00	4015	2.0	66.6	87.6	71.1	89.2	0.00
07/07/15 00:00	4016	2.6	92.6	46.1	72.0	86.7	0.00

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07/07/15 01:00	4017	2.0	218.1	70.6	72.7	88.0	0.00
07/07/15 02:00	4018	1.9	148.5	51.2	72.8	89.2	0.00
07/07/15 03:00	4019	2.4	132.1	40.4	72.5	86.9	0.00
07/07/15 04:00	4020	2.3	94.2	99.5	72.4	95.0	0.00
07/07/15 05:00	4021	1.9	285.1	92.8	71.1	95.4	0.00
07/07/15 06:00	4022	1.7	271.8	75.2	71.6	91.2	0.00
07/07/15 07:00	4023	3.2	165.4	45.1	73.4	85.2	0.01
07/07/15 08:00	4024	3.0	182.8	33.3	74.8	85.8	0.01
07/07/15 09:00	4025	3.1	189.5	34.3	76.1	79.5	0.00
07/07/15 10:00	4026	3.7	163.3	38.0	79.7	69.4	0.00
07/07/15 11:00	4027	4.3	191.8	43.3	82.7	63.8	0.00
07/07/15 12:00	4028	3.7	192.3	50.4	82.6	65.8	0.00
07/07/15 13:00	4029	3.6	204.3	43.2	84.6	63.8	0.00
07/07/15 14:00	4030	4.0	216.1	34.6	84.9	65.1	0.00
07/07/15 15:00	4031	4.8	192.4	31.8	84.0	59.4	0.00
07/07/15 16:00	4032	5.0	198.3	30.5	86.0	51.7	0.00
07/07/15 17:00	4033	4.5	197.0	29.2	85.6	58.9	0.00
07/07/15 18:00	4034	4.8	204.0	29.0	83.9	63.0	0.00
07/07/15 19:00	4035	3.5	215.2	32.6	81.2	68.3	0.00
07/07/15 20:00	4036	3.1	217.3	39.9	78.5	75.7	0.00
07/07/15 21:00	4037	3.0	211.0	72.8	77.1	72.4	0.00
07/07/15 22:00	4038	3.1	213.9	61.6	77.5	78.1	0.00
07/07/15 23:00	4039	2.4	276.7	76.2	75.4	76.8	0.00
07/08/15 00:00	4040	2.6	144.1	80.6	76.6	75.1	0.00
07/08/15 01:00	4041	3.2	216.3	35.3	77.1	76.1	0.00
07/08/15 02:00	4042	2.6	211.4	34.8	76.2	77.5	0.00
07/08/15 03:00	4043	2.1	314.5	78.9	73.8	94.0	0.09
07/08/15 04:00	4044	2.3	51.2	64.4	71.0	97.0	0.02

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07/08/15 05:00	4045	1.8	234.5	90.9	70.6	97.9	0.00
07/08/15 06:00	4046	1.0	117.1	74.3	70.7	97.8	0.00
07/08/15 07:00	4047	1.2	187.1	58.9	71.5	95.5	0.00
07/08/15 08:00	4048	2.4	302.6	60.3	73.2	87.3	0.00
07/08/15 09:00	4049	3.9	316.2	59.1	70.2	86.1	0.00
07/08/15 10:00	4050	3.4	313.4	52.5	71.2	80.9	0.00
07/08/15 11:00	4051	4.4	306.8	49.6	72.2	73.2	0.00
07/08/15 12:00	4052	4.3	317.1	56.9	74.5	71.3	0.00
07/08/15 13:00	4053	3.8	301.9	55.0	75.1	73.3	0.00
07/08/15 14:00	4054	4.6	272.8	39.7	76.2	66.3	0.00
07/08/15 15:00	4055	4.2	316.7	52.8	78.0	64.1	0.00
07/08/15 16:00	4056	4.2	334.9	46.3	78.3	63.4	0.00
07/08/15 17:00	4057	4.3	333.0	48.1	77.8	63.1	0.00
07/08/15 18:00	4058	3.8	320.5	55.4	76.2	67.2	0.00
07/08/15 19:00	4059	2.8	331.7	55.9	73.4	70.6	0.00
07/08/15 20:00	4060	2.8	320.7	54.9	69.6	77.2	0.00
07/08/15 21:00	4061	2.2	5.4	27.2	67.1	88.7	0.00
07/08/15 22:00	4062	2.9	35.6	16.9	65.1	91.0	0.00
07/08/15 23:00	4063	2.9	47.7	16.8	64.0	92.2	0.00
07/09/15 00:00	4064	1.9	35.3	33.0	63.3	93.3	0.00
07/09/15 01:00	4065	2.4	42.8	22.2	63.9	92.1	0.00
07/09/15 02:00	4066	2.2	42.6	21.6	64.4	88.4	0.00
07/09/15 03:00	4067	2.3	64.8	21.4	64.5	88.0	0.00
07/09/15 04:00	4068	1.7	19.9	29.8	64.2	90.5	0.00
07/09/15 05:00	4069	2.1	55.3	25.6	64.3	88.9	0.00
07/09/15 06:00	4070	1.9	13.1	57.7	64.2	90.7	0.00
07/09/15 07:00	4071	1.7	24.6	52.2	64.9	85.1	0.00
07/09/15 08:00	4072	3.0	48.9	25.8	66.1	82.2	0.00

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07/09/15 09:00	4073	2.3	46.0	41.8	68.0	78.6	0.00
07/09/15 10:00	4074	2.6	19.5	45.9	70.4	76.9	0.00
07/09/15 11:00	4075	2.9	302.0	81.9	75.5	63.7	0.00
07/09/15 12:00	4076	2.9	175.0	96.1	78.2	63.7	0.00
07/09/15 13:00	4077	3.8	173.9	62.4	80.3	61.6	0.00
07/09/15 14:00	4078	3.9	163.9	38.0	80.8	62.6	0.00
07/09/15 15:00	4079	4.1	169.0	32.6	80.0	65.9	0.00
07/09/15 16:00	4080	3.2	181.9	37.9	79.5	73.0	0.00
07/09/15 17:00	4081	2.0	22.5	66.5	75.4	95.2	0.03
07/09/15 18:00	4082	2.2	122.9	91.9	75.0	89.0	0.01
07/09/15 19:00	4083	4.4	149.4	38.2	75.4	89.3	0.00
07/09/15 20:00	4084	3.1	206.6	37.9	74.8	93.1	0.00
07/09/15 21:00	4085	2.3	205.6	68.2	73.7	91.2	0.00
07/09/15 22:00	4086	4.1	303.3	65.5	72.6	86.8	0.00
07/09/15 23:00	4087	5.3	327.6	58.5	70.0	82.9	0.00
07/10/15 00:00	4088	4.8	318.1	56.9	68.3	85.8	0.00
07/10/15 01:00	4089	3.6	320.3	60.6	67.4	86.2	0.00
07/10/15 02:00	4090	3.2	341.1	55.0	67.0	84.8	0.00
07/10/15 03:00	4091	4.1	352.8	38.7	66.2	81.7	0.00
07/10/15 04:00	4092	3.4	346.6	53.9	65.1	80.7	0.00
07/10/15 05:00	4093	2.9	358.3	54.5	62.8	83.7	0.00
07/10/15 06:00	4094	3.7	20.3	21.8	61.9	85.7	0.00
07/10/15 07:00	4095	2.8	14.4	45.9	63.0	81.4	0.00
07/10/15 08:00	4096	3.7	318.2	47.3	65.4	74.9	0.00
07/10/15 09:00	4097	4.3	325.8	55.9	67.8	68.4	0.00
07/10/15 10:00	4098	4.2	287.8	69.1	71.5	64.8	0.00
07/10/15 11:00	4099	3.8	249.7	49.5	74.1	61.6	0.00
07/10/15 12:00	4100	4.3	284.9	62.6	76.6	52.7	0.00

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07/10/15 13:00	4101	4.8	292.7	57.3	77.7	50.3	0.00
07/10/15 14:00	4102	4.6	333.4	50.7	78.9	44.8	0.00
07/10/15 15:00	4103	5.2	344.2	48.8	79.5	44.3	0.00
07/10/15 16:00	4104	4.5	344.3	50.7	79.5	41.7	0.00
07/10/15 17:00	4105	4.2	272.5	43.6	80.1	45.4	0.00
07/10/15 18:00	4106	3.7	293.5	54.1	79.5	48.2	0.00
07/10/15 19:00	4107	3.7	5.4	20.2	76.9	55.7	0.00
07/10/15 20:00	4108	2.9	40.0	26.1	71.6	80.1	0.00
07/10/15 21:00	4109	2.3	49.3	18.9	66.1	87.5	0.00
07/10/15 22:00	4110	2.3	33.0	13.8	62.8	92.5	0.00
07/10/15 23:00	4111	2.7	40.6	16.3	61.3	95.0	0.00
07/11/15 00:00	4112	2.8	45.3	16.1	60.1	95.5	0.00
07/11/15 01:00	4113	3.5	44.8	10.8	59.1	96.1	0.00
07/11/15 02:00	4114	3.2	57.7	10.8	57.8	97.3	0.00
07/11/15 03:00	4115	2.9	51.7	11.0	56.4	98.8	0.00
07/11/15 04:00	4116	3.1	46.9	12.4	56.0	99.0	0.00
07/11/15 05:00	4117	2.2	43.2	26.0	56.1	98.6	0.00
07/11/15 06:00	4118	1.3	46.7	95.8	56.3	98.3	0.00
07/11/15 07:00	4119	1.4	86.1	92.5	58.2	89.2	0.00
07/11/15 08:00	4120	2.6	56.4	39.2	63.1	75.0	0.00
07/11/15 09:00	4121	3.0	203.5	54.8	69.5	64.6	0.00
07/11/15 10:00	4122	3.3	192.9	41.2	74.1	53.8	0.00
07/11/15 11:00	4123	3.3	190.1	61.5	76.0	57.9	0.00
07/11/15 12:00	4124	3.0	244.5	50.8	78.5	47.4	0.00
07/11/15 13:00	4125	3.4	214.0	44.4	80.6	49.9	0.00
07/11/15 14:00	4126	3.8	242.1	67.7	81.2	47.9	0.00
07/11/15 15:00	4127	3.4	294.9	77.3	82.7	41.5	0.00
07/11/15 16:00	4128	3.6	255.8	40.3	84.0	42.2	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/11/15 17:00	4129	2.8	278.4	61.0	84.0	39.6	0.00
07/11/15 18:00	4130	2.7	269.4	37.8	83.4	46.1	0.00
07/11/15 19:00	4131	1.5	248.5	62.2	81.1	61.2	0.00
07/11/15 20:00	4132	1.0	212.0	70.2	72.6	74.3	0.00
07/11/15 21:00	4133	1.6	49.4	51.0	67.8	87.4	0.00
07/11/15 22:00	4134	2.6	60.3	28.6	65.9	88.3	0.00
07/11/15 23:00	4135	2.4	66.1	29.8	63.9	93.4	0.00
07/12/15 00:00	4136	2.1	78.4	38.7	62.4	95.3	0.00
07/12/15 01:00	4137	2.3	64.5	33.7	61.4	94.8	0.00
07/12/15 02:00	4138	2.4	65.9	17.5	60.1	97.0	0.00
07/12/15 03:00	4139	2.4	60.0	24.0	59.5	98.4	0.00
07/12/15 04:00	4140	2.0	74.5	31.6	59.1	98.9	0.00
07/12/15 05:00	4141	1.5	42.4	41.0	59.1	99.1	0.00
07/12/15 06:00	4142	1.8	13.9	61.6	58.8	99.1	0.00
07/12/15 07:00	4143	1.7	47.0	55.0	59.3	98.8	0.00
07/12/15 08:00	4144	2.4	44.2	30.7	60.4	93.0	0.00
07/12/15 09:00	4145	2.6	59.1	38.0	65.8	74.2	0.00
07/12/15 10:00	4146	1.7	232.4	64.9	73.5	61.6	0.00
07/12/15 11:00	4147	2.4	223.9	25.7	78.9	54.8	0.00
07/12/15 12:00	4148	2.9	235.5	81.8	82.5	55.3	0.00
07/12/15 13:00	4149	2.4	342.1	93.3	82.5	45.1	0.00
07/12/15 14:00	4150	2.3	207.7	84.4	83.6	47.8	0.00
07/12/15 15:00	4151	2.6	33.9	75.1	82.7	47.4	0.00
07/12/15 16:00	4152	2.4	312.5	87.1	84.3	47.2	0.00
07/12/15 17:00	4153	2.8	112.1	30.9	82.8	50.4	0.00
07/12/15 18:00	4154	2.5	54.3	43.6	82.9	53.3	0.00
07/12/15 19:00	4155	1.5	144.5	76.8	80.2	72.6	0.00
07/12/15 20:00	4156	1.6	94.3	47.9	74.3	85.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/12/15 21:00	4157	1.6	34.0	61.1	70.3	86.4	0.00
07/12/15 22:00	4158	2.6	63.6	29.1	68.3	93.1	0.00
07/12/15 23:00	4159	2.4	46.2	18.5	66.2	93.6	0.00
07/13/15 00:00	4160	2.4	58.1	16.0	65.3	94.6	0.00
07/13/15 01:00	4161	1.8	70.0	27.6	64.3	95.5	0.00
07/13/15 02:00	4162	2.4	67.3	12.7	63.7	96.1	0.00
07/13/15 03:00	4163	2.7	64.7	15.2	63.0	98.1	0.00
07/13/15 04:00	4164	2.4	46.7	36.4	62.7	98.0	0.00
07/13/15 05:00	4165	3.2	54.0	14.7	62.5	98.0	0.00
07/13/15 06:00	4166	2.6	24.4	22.7	62.3	97.7	0.00
07/13/15 07:00	4167	1.3	38.4	63.4	62.9	95.6	0.00
07/13/15 08:00	4168	2.3	60.2	65.2	66.3	82.5	0.00
07/13/15 09:00	4169	1.8	132.7	74.9	71.8	75.4	0.00
07/13/15 10:00	4170	1.9	237.0	38.8	75.9	62.3	0.00
07/13/15 11:00	4171	2.1	222.7	45.2	82.2	52.8	0.00
07/13/15 12:00	4172	2.7	210.1	54.3	83.8	47.5	0.00
07/13/15 13:00	4173	3.2	230.4	64.1	84.4	44.3	0.00
07/13/15 14:00	4174	4.0	218.9	37.0	85.8	45.7	0.00
07/13/15 15:00	4175	3.8	181.3	45.8	86.9	43.3	0.00
07/13/15 16:00	4176	4.1	220.2	28.4	86.3	43.8	0.00
07/13/15 17:00	4177	5.5	183.8	36.0	84.1	56.3	0.00
07/13/15 18:00	4178	5.4	138.0	22.3	80.9	54.2	0.00
07/13/15 19:00	4179	5.2	144.7	27.3	80.3	60.2	0.00
07/13/15 20:00	4180	3.6	85.0	69.4	76.9	72.6	0.00
07/13/15 21:00	4181	3.0	23.4	51.8	71.9	87.3	0.00
07/13/15 22:00	4182	2.3	54.1	46.3	69.3	91.4	0.00
07/13/15 23:00	4183	4.2	62.2	14.0	68.0	93.0	0.00
07/14/15 00:00	4184	3.2	54.5	37.5	67.2	94.3	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/14/15 01:00	4185	2.8	41.2	38.4	66.4	94.3	0.00
07/14/15 02:00	4186	3.2	154.1	96.8	67.5	87.3	0.00
07/14/15 03:00	4187	3.4	42.4	76.3	67.6	83.8	0.00
07/14/15 04:00	4188	2.4	107.6	90.0	68.0	85.1	0.00
07/14/15 05:00	4189	3.0	186.9	48.0	68.2	84.9	0.00
07/14/15 06:00	4190	4.4	140.1	42.6	68.3	86.5	0.00
07/14/15 07:00	4191	3.0	118.4	72.8	68.5	85.6	0.00
07/14/15 08:00	4192	4.0	134.6	47.3	69.9	84.5	0.00
07/14/15 09:00	4193	3.1	171.3	68.5	73.4	74.6	0.00
07/14/15 10:00	4194	3.3	151.6	47.0	73.8	75.4	0.00
07/14/15 11:00	4195	3.9	181.8	54.3	76.1	73.8	0.00
07/14/15 12:00	4196	4.8	178.5	39.6	78.8	72.6	0.00
07/14/15 13:00	4197	3.1	186.8	43.8	80.1	66.0	0.00
07/14/15 14:00	4198	5.2	164.5	32.6	80.5	69.3	0.00
07/14/15 15:00	4199	5.3	163.3	33.5	80.7	64.5	0.00
07/14/15 16:00	4200	3.4	185.4	38.5	82.9	59.3	0.00
07/14/15 17:00	4201	3.9	185.4	37.2	84.9	56.1	0.00
07/14/15 18:00	4202	3.7	176.4	32.1	83.7	62.2	0.00
07/14/15 19:00	4203	1.5	189.6	43.0	79.2	80.2	0.00
07/14/15 20:00	4204	2.5	76.2	44.9	76.0	82.5	0.00
07/14/15 21:00	4205	4.1	329.7	65.0	72.4	89.4	0.01
07/14/15 22:00	4206	2.3	34.5	55.4	68.4	94.9	0.01
07/14/15 23:00	4207	3.3	57.7	80.3	68.1	94.4	0.02
07/15/15 00:00	4208	2.2	7.6	54.5	67.5	97.2	0.22
07/15/15 01:00	4209	4.1	67.1	56.7	67.1	96.9	0.21
07/15/15 02:00	4210	2.2	308.9	81.1	66.8	97.8	0.03
07/15/15 03:00	4211	1.0	333.6	100.3	66.1	98.1	0.01
07/15/15 04:00	4212	2.2	56.2	40.6	65.6	98.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/15/15 05:00	4213	3.2	38.2	41.9	65.3	98.3	0.00
07/15/15 06:00	4214	1.4	42.5	62.6	65.8	98.0	0.00
07/15/15 07:00	4215	1.3	44.8	62.6	67.3	96.6	0.00
07/15/15 08:00	4216	1.3	231.0	94.6	68.7	93.8	0.00
07/15/15 09:00	4217	2.2	222.1	73.3	69.5	90.9	0.00
07/15/15 10:00	4218	5.3	278.4	52.1	65.5	89.6	0.00
07/15/15 11:00	4219	5.4	271.9	47.6	63.0	87.1	0.00
07/15/15 12:00	4220	4.5	320.0	58.8	62.7	84.5	0.00
07/15/15 13:00	4221	5.4	321.6	53.1	62.7	81.7	0.00
07/15/15 14:00	4222	5.6	288.1	47.2	62.2	82.7	0.00
07/15/15 15:00	4223	4.6	342.2	59.8	62.5	78.5	0.00
07/15/15 16:00	4224	4.2	336.5	53.6	63.1	79.3	0.00
07/15/15 17:00	4225	5.3	346.9	46.2	62.7	78.9	0.00
07/15/15 18:00	4226	3.7	359.6	32.1	64.6	72.1	0.00
07/15/15 19:00	4227	2.9	342.1	71.3	64.9	72.2	0.00
07/15/15 20:00	4228	3.1	341.0	66.4	62.0	75.9	0.00
07/15/15 21:00	4229	3.1	4.3	55.3	60.1	74.9	0.00
07/15/15 22:00	4230	2.4	47.3	50.0	57.9	83.4	0.00
07/15/15 23:00	4231	3.6	43.0	13.5	55.5	85.9	0.00
07/16/15 00:00	4232	3.4	41.9	14.7	54.6	90.6	0.00
07/16/15 01:00	4233	3.4	49.6	15.1	53.9	90.4	0.00
07/16/15 02:00	4234	3.4	46.1	18.4	53.1	92.8	0.00
07/16/15 03:00	4235	2.7	37.7	28.7	51.4	96.8	0.00
07/16/15 04:00	4236	2.8	42.0	20.6	50.6	96.9	0.00
07/16/15 05:00	4237	2.7	44.6	33.7	50.3	96.8	0.00
07/16/15 06:00	4238	3.7	38.4	16.3	51.5	87.9	0.00
07/16/15 07:00	4239	2.3	25.6	45.2	56.7	74.7	0.00
07/16/15 08:00	4240	2.7	291.4	94.8	59.6	73.0	0.00

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07/16/15 09:00	4241	2.7	221.3	62.0	63.8	63.2	0.00
07/16/15 10:00	4242	2.9	183.0	72.2	66.5	66.5	0.00
07/16/15 11:00	4243	4.8	23.0	39.9	69.2	56.6	0.00
07/16/15 12:00	4244	5.1	31.0	33.3	71.3	50.8	0.00
07/16/15 13:00	4245	3.1	294.7	79.9	74.0	43.8	0.00
07/16/15 14:00	4246	3.6	242.7	65.3	76.0	41.4	0.00
07/16/15 15:00	4247	3.9	241.7	33.8	77.6	38.9	0.00
07/16/15 16:00	4248	3.6	350.5	86.7	78.2	38.5	0.00
07/16/15 17:00	4249	2.7	252.3	61.0	79.9	40.3	0.00
07/16/15 18:00	4250	1.9	283.9	56.5	79.9	52.7	0.00
07/16/15 19:00	4251	1.3	301.2	100.9	74.6	63.8	0.00
07/16/15 20:00	4252	1.7	182.3	44.7	67.7	78.4	0.00
07/16/15 21:00	4253	1.9	77.8	45.1	63.0	85.8	0.00
07/16/15 22:00	4254	1.7	81.8	58.6	60.0	90.6	0.00
07/16/15 23:00	4255	2.6	71.1	18.5	58.7	93.8	0.00
07/17/15 00:00	4256	1.4	119.2	48.7	56.6	96.4	0.00
07/17/15 01:00	4257	2.7	55.9	18.7	55.6	96.4	0.00
07/17/15 02:00	4258	2.0	90.9	33.5	54.8	96.9	0.00
07/17/15 03:00	4259	2.7	57.5	12.5	54.3	98.4	0.00
07/17/15 04:00	4260	2.7	62.3	15.3	54.2	98.9	0.00
07/17/15 05:00	4261	2.6	44.6	23.4	53.9	99.0	0.00
07/17/15 06:00	4262	2.8	63.0	68.4	53.6	99.2	0.00
07/17/15 07:00	4263	2.2	23.2	70.0	54.0	99.1	0.00
07/17/15 08:00	4264	2.7	71.6	49.5	55.8	87.3	0.00
07/17/15 09:00	4265	1.6	17.5	93.5	65.8	71.1	0.00
07/17/15 10:00	4266	2.5	212.6	70.5	71.9	70.5	0.00
07/17/15 11:00	4267	5.3	169.5	34.7	75.5	58.5	0.00
07/17/15 12:00	4268	5.6	199.1	37.5	78.2	57.7	0.00

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07/17/15 13:00	4269	4.7	194.0	38.6	77.1	63.9	0.00
07/17/15 14:00	4270	4.7	182.8	41.8	76.1	62.6	0.00
07/17/15 15:00	4271	4.8	174.2	37.5	77.3	64.6	0.00
07/17/15 16:00	4272	4.7	206.0	36.3	78.1	65.7	0.00
07/17/15 17:00	4273	4.4	207.4	33.9	77.3	67.2	0.00
07/17/15 18:00	4274	3.8	198.2	43.9	75.0	71.6	0.00
07/17/15 19:00	4275	5.4	147.7	28.1	73.9	71.9	0.00
07/17/15 20:00	4276	4.9	151.4	39.0	73.6	74.0	0.00
07/17/15 21:00	4277	5.0	156.6	38.3	73.3	73.1	0.00
07/17/15 22:00	4278	4.9	163.8	34.3	73.1	74.8	0.00
07/17/15 23:00	4279	4.6	162.8	33.1	73.1	72.6	0.00
07/18/15 00:00	4280	4.4	179.6	43.6	73.2	73.8	0.00
07/18/15 01:00	4281	4.9	159.2	34.8	73.0	75.3	0.00
07/18/15 02:00	4282	5.7	154.0	29.0	72.7	76.5	0.00
07/18/15 03:00	4283	5.1	153.1	26.8	72.5	77.6	0.00
07/18/15 04:00	4284	3.6	174.0	41.2	72.3	82.0	0.00
07/18/15 05:00	4285	4.5	153.0	30.8	72.0	81.4	0.00
07/18/15 06:00	4286	3.3	184.5	42.1	72.0	82.7	0.00
07/18/15 07:00	4287	5.4	158.6	30.5	73.0	80.3	0.00
07/18/15 08:00	4288	4.4	160.6	31.9	76.6	72.3	0.00
07/18/15 09:00	4289	4.6	198.9	37.9	79.2	74.6	0.00
07/18/15 10:00	4290	5.5	163.7	34.0	80.2	73.1	0.00
07/18/15 11:00	4291	4.8	179.4	31.1	81.1	66.8	0.00
07/18/15 12:00	4292	4.1	155.3	40.9	83.7	72.8	0.00
07/18/15 13:00	4293	3.7	169.5	38.8	86.2	59.1	0.00
07/18/15 14:00	4294	2.6	179.5	54.4	87.2	64.4	0.00
07/18/15 15:00	4295	3.1	177.1	35.8	88.8	56.6	0.00
07/18/15 16:00	4296	3.7	224.9	44.7	89.5	54.2	0.00

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07/18/15 17:00	4297	2.8	207.0	38.9	88.8	64.6	0.00
07/18/15 18:00	4298	5.3	86.8	84.4	82.5	86.9	0.07
07/18/15 19:00	4299	4.0	235.3	66.7	70.9	93.8	0.33
07/18/15 20:00	4300	1.7	241.3	66.5	70.6	96.9	0.00
07/18/15 21:00	4301	2.8	48.6	73.5	69.5	96.5	0.00
07/18/15 22:00	4302	2.1	303.9	60.7	69.0	97.8	0.00
07/18/15 23:00	4303	1.5	338.8	86.8	68.2	98.0	0.00
07/19/15 00:00	4304	2.5	44.6	29.5	68.0	98.2	0.00
07/19/15 01:00	4305	4.2	56.5	14.0	67.6	98.0	0.00
07/19/15 02:00	4306	2.5	56.5	20.6	67.5	98.0	0.00
07/19/15 03:00	4307	2.8	57.0	14.3	66.9	98.4	0.00
07/19/15 04:00	4308	2.6	46.2	24.1	66.5	98.8	0.00
07/19/15 05:00	4309	3.0	66.0	14.2	66.3	99.0	0.00
07/19/15 06:00	4310	2.7	70.1	17.2	66.2	99.1	0.01
07/19/15 07:00	4311	2.3	52.4	18.7	66.5	98.9	0.00
07/19/15 08:00	4312	1.7	50.4	43.8	67.7	98.2	0.00
07/19/15 09:00	4313	1.6	59.9	48.6	72.2	83.1	0.00
07/19/15 10:00	4314	1.4	229.3	82.8	80.1	71.1	0.00
07/19/15 11:00	4315	2.3	207.1	46.4	87.4	64.0	0.00
07/19/15 12:00	4316	4.1	178.0	31.7	89.3	61.2	0.00
07/19/15 13:00	4317	5.2	199.0	37.8	89.9	61.2	0.00
07/19/15 14:00	4318	5.9	199.5	29.6	90.9	50.7	0.00
07/19/15 15:00	4319	4.9	203.0	34.7	91.6	49.2	0.00
07/19/15 16:00	4320	6.1	214.8	27.8	89.4	54.8	0.00
07/19/15 17:00	4321	6.1	222.9	24.1	87.9	53.6	0.00
07/19/15 18:00	4322	3.3	222.8	27.5	88.6	63.0	0.00
07/19/15 19:00	4323	2.3	204.1	45.6	83.9	73.4	0.00
07/19/15 20:00	4324	2.3	29.3	41.7	80.2	81.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/19/15 21:00	4325	2.4	32.5	46.3	78.1	86.4	0.00
07/19/15 22:00	4326	1.7	173.6	66.4	76.5	89.6	0.00
07/19/15 23:00	4327	1.9	57.9	74.4	76.1	90.4	0.00
07/20/15 00:00	4328	4.1	58.9	72.4	76.1	89.5	0.00
07/20/15 01:00	4329	2.2	171.9	60.4	75.9	85.4	0.00
07/20/15 02:00	4330	3.4	38.6	40.6	74.7	91.5	0.00
07/20/15 03:00	4331	2.2	46.4	76.5	72.9	88.0	0.00
07/20/15 04:00	4332	3.3	47.5	50.4	70.1	89.2	0.00
07/20/15 05:00	4333	2.1	41.0	75.0	68.5	93.8	0.00
07/20/15 06:00	4334	1.2	235.5	76.1	67.7	89.3	0.00
07/20/15 07:00	4335	2.1	200.7	34.9	70.4	80.6	0.00
07/20/15 08:00	4336	1.6	198.9	31.7	73.4	78.5	0.00
07/20/15 09:00	4337	1.3	222.4	51.9	75.2	72.6	0.00
07/20/15 10:00	4338	2.8	227.6	39.2	78.5	64.8	0.00
07/20/15 11:00	4339	3.6	233.9	49.0	81.7	63.8	0.00
07/20/15 12:00	4340	3.5	8.1	75.8	83.5	61.5	0.00
07/20/15 13:00	4341	3.4	267.1	92.3	85.5	55.7	0.00
07/20/15 14:00	4342	3.2	233.5	34.2	87.0	48.4	0.00
07/20/15 15:00	4343	2.9	223.0	29.1	87.5	52.2	0.00
07/20/15 16:00	4344	2.4	187.8	33.1	88.1	55.5	0.00
07/20/15 17:00	4345	1.6	216.6	25.8	87.2	65.5	0.00
07/20/15 18:00	4346	1.4	196.4	57.7	83.4	74.2	0.00
07/20/15 19:00	4347	1.5	176.0	46.9	81.2	76.7	0.00
07/20/15 20:00	4348	1.1	158.5	64.4	77.4	88.0	0.00
07/20/15 21:00	4349	2.0	68.0	44.5	75.0	86.6	0.00
07/20/15 22:00	4350	1.6	52.5	52.9	73.5	92.1	0.00
07/20/15 23:00	4351	1.9	52.3	61.0	72.4	92.5	0.00
07/21/15 00:00	4352	2.1	80.3	50.0	71.8	93.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/21/15 01:00	4353	1.8	60.1	56.5	70.9	94.7	0.00
07/21/15 02:00	4354	1.2	167.9	90.0	70.0	95.8	0.00
07/21/15 03:00	4355	0.9	167.2	56.8	69.1	95.0	0.00
07/21/15 04:00	4356	1.4	174.1	47.8	68.3	91.4	0.00
07/21/15 05:00	4357	1.1	160.1	43.3	68.4	93.5	0.00
07/21/15 06:00	4358	1.4	143.6	50.1	68.1	94.5	0.00
07/21/15 07:00	4359	2.1	169.3	66.2	68.6	89.0	0.00
07/21/15 08:00	4360	1.7	263.3	89.6	71.1	82.9	0.00
07/21/15 09:00	4361	1.3	229.2	66.2	75.0	74.5	0.00
07/21/15 10:00	4362	2.0	274.1	66.7	79.9	54.0	0.00
07/21/15 11:00	4363	4.2	259.9	43.6	82.4	48.4	0.00
07/21/15 12:00	4364	3.9	272.3	59.7	84.6	43.6	0.00
07/21/15 13:00	4365	4.0	268.0	61.1	85.8	40.3	0.00
07/21/15 14:00	4366	3.9	234.4	31.4	86.7	40.5	0.00
07/21/15 15:00	4367	5.8	295.5	67.0	81.5	66.5	0.00
07/21/15 16:00	4368	3.1	253.1	59.5	71.0	91.4	0.12
07/21/15 17:00	4369	1.8	106.9	93.8	70.4	85.7	0.00
07/21/15 18:00	4370	2.2	243.4	53.2	74.4	76.3	0.00
07/21/15 19:00	4371	1.8	213.5	52.0	74.3	85.3	0.00
07/21/15 20:00	4372	1.5	70.2	91.1	70.6	94.1	0.00
07/21/15 21:00	4373	2.4	32.7	19.8	69.3	93.7	0.00
07/21/15 22:00	4374	3.7	29.5	18.7	65.9	96.8	0.00
07/21/15 23:00	4375	3.4	21.0	15.4	63.2	97.7	0.00
07/22/15 00:00	4376	3.8	35.4	15.0	61.6	97.1	0.00
07/22/15 01:00	4377	4.2	44.1	14.7	60.3	97.6	0.00
07/22/15 02:00	4378	2.1	51.1	24.6	59.2	98.3	0.00
07/22/15 03:00	4379	2.4	46.6	12.5	58.4	98.1	0.00
07/22/15 04:00	4380	2.7	44.5	10.8	57.9	97.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/22/15 05:00	4381	3.3	37.0	10.4	57.3	97.1	0.00
07/22/15 06:00	4382	3.5	40.9	10.9	57.5	93.7	0.00
07/22/15 07:00	4383	2.4	87.3	59.1	62.2	76.4	0.00
07/22/15 08:00	4384	2.3	124.7	87.5	67.3	69.8	0.00
07/22/15 09:00	4385	3.3	328.4	69.2	67.0	64.6	0.00
07/22/15 10:00	4386	5.0	246.2	37.0	70.2	59.8	0.00
07/22/15 11:00	4387	4.6	260.5	57.7	73.2	49.0	0.00
07/22/15 12:00	4388	5.9	312.0	52.6	74.2	43.9	0.00
07/22/15 13:00	4389	5.7	281.2	64.1	75.9	43.0	0.00
07/22/15 14:00	4390	5.9	290.1	54.3	76.8	35.6	0.00
07/22/15 15:00	4391	6.4	271.2	43.9	77.2	39.6	0.00
07/22/15 16:00	4392	5.3	282.0	61.2	77.3	41.0	0.00
07/22/15 17:00	4393	4.6	279.9	46.1	77.8	37.7	0.00
07/22/15 18:00	4394	5.0	296.6	59.0	77.2	41.8	0.00
07/22/15 19:00	4395	2.8	354.2	40.7	74.6	50.5	0.00
07/22/15 20:00	4396	1.9	35.1	19.5	68.3	78.0	0.00
07/22/15 21:00	4397	1.8	33.5	29.4	62.7	87.4	0.00
07/22/15 22:00	4398	2.3	46.7	30.8	60.7	88.2	0.00
07/22/15 23:00	4399	3.0	40.4	12.3	59.5	91.9	0.00
07/23/15 00:00	4400	3.0	47.9	11.8	58.2	93.4	0.00
07/23/15 01:00	4401	3.8	60.1	16.0	57.4	94.3	0.00
07/23/15 02:00	4402	4.2	49.3	10.8	56.0	95.4	0.00
07/23/15 03:00	4403	4.8	50.8	17.9	55.0	95.8	0.00
07/23/15 04:00	4404	5.5	50.4	11.3	54.2	95.9	0.00
07/23/15 05:00	4405	6.2	52.1	13.9	53.2	97.0	0.00
07/23/15 06:00	4406	5.0	61.4	11.2	52.5	97.9	0.00
07/23/15 07:00	4407	3.8	62.6	12.2	54.5	87.4	0.00
07/23/15 08:00	4408	1.8	96.2	46.1	62.3	73.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/23/15 09:00	4409	2.6	150.7	99.0	68.7	58.1	0.00
07/23/15 10:00	4410	3.6	294.0	71.0	71.5	49.4	0.00
07/23/15 11:00	4411	5.4	282.6	56.2	73.3	48.0	0.00
07/23/15 12:00	4412	5.4	274.7	54.1	74.7	42.4	0.00
07/23/15 13:00	4413	5.5	285.8	61.3	75.6	45.8	0.00
07/23/15 14:00	4414	5.0	264.5	53.1	77.0	37.3	0.00
07/23/15 15:00	4415	4.7	260.5	47.2	77.8	41.8	0.00
07/23/15 16:00	4416	3.5	290.8	76.4	78.8	34.0	0.00
07/23/15 17:00	4417	3.4	256.6	49.0	79.4	32.9	0.00
07/23/15 18:00	4418	2.4	259.0	47.6	79.3	40.9	0.00
07/23/15 19:00	4419	1.9	188.2	45.3	77.0	61.7	0.00
07/23/15 20:00	4420	2.4	189.6	26.4	69.2	72.5	0.00
07/23/15 21:00	4421	2.3	186.4	33.4	65.5	79.4	0.00
07/23/15 22:00	4422	2.1	209.2	85.3	64.1	86.7	0.00
07/23/15 23:00	4423	2.0	32.6	31.8	63.5	85.4	0.00
07/24/15 00:00	4424	2.8	31.8	17.6	61.6	90.7	0.00
07/24/15 01:00	4425	2.1	58.9	39.8	59.8	95.4	0.00
07/24/15 02:00	4426	1.6	59.4	41.2	57.5	96.6	0.00
07/24/15 03:00	4427	3.1	55.0	16.8	56.7	96.6	0.00
07/24/15 04:00	4428	3.5	58.1	10.0	55.6	98.6	0.00
07/24/15 05:00	4429	3.5	65.4	8.6	55.1	99.2	0.00
07/24/15 06:00	4430	3.8	79.2	13.4	55.1	99.2	0.00
07/24/15 07:00	4431	3.1	68.9	21.4	55.6	99.1	0.00
07/24/15 08:00	4432	2.8	71.4	22.9	57.5	90.1	0.00
07/24/15 09:00	4433	2.3	117.1	54.5	64.8	66.1	0.00
07/24/15 10:00	4434	2.8	125.5	40.6	71.2	54.8	0.00
07/24/15 11:00	4435	3.7	230.2	29.6	75.4	42.7	0.00
07/24/15 12:00	4436	3.6	260.1	74.8	77.3	46.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/24/15 13:00	4437	2.7	247.9	74.2	77.6	46.6	0.00
07/24/15 14:00	4438	3.2	258.5	79.7	79.7	41.7	0.00
07/24/15 15:00	4439	4.1	266.9	53.4	80.8	34.2	0.00
07/24/15 16:00	4440	3.7	308.8	70.9	81.3	34.9	0.00
07/24/15 17:00	4441	3.8	268.5	47.2	81.2	38.6	0.00
07/24/15 18:00	4442	3.1	285.8	57.7	80.8	36.7	0.00
07/24/15 19:00	4443	2.1	340.0	59.1	78.3	60.7	0.00
07/24/15 20:00	4444	1.8	69.5	48.4	70.1	81.2	0.00
07/24/15 21:00	4445	1.8	41.9	36.5	64.8	86.9	0.00
07/24/15 22:00	4446	3.3	47.4	20.6	62.6	86.3	0.00
07/24/15 23:00	4447	3.5	61.8	12.9	61.0	90.9	0.00
07/25/15 00:00	4448	3.7	60.9	12.4	59.2	92.1	0.00
07/25/15 01:00	4449	4.0	55.8	16.9	58.1	94.7	0.00
07/25/15 02:00	4450	3.4	64.2	12.9	57.0	94.5	0.00
07/25/15 03:00	4451	3.5	56.1	10.4	56.0	95.5	0.00
07/25/15 04:00	4452	3.4	56.7	11.4	55.0	95.6	0.00
07/25/15 05:00	4453	3.0	57.9	13.0	54.5	95.6	0.00
07/25/15 06:00	4454	4.1	62.3	12.3	54.5	97.1	0.00
07/25/15 07:00	4455	3.3	70.1	20.6	55.9	88.0	0.00
07/25/15 08:00	4456	1.9	109.6	57.7	60.9	78.9	0.00
07/25/15 09:00	4457	1.8	147.8	84.6	67.2	69.8	0.00
07/25/15 10:00	4458	2.0	238.4	95.4	73.4	66.2	0.00
07/25/15 11:00	4459	2.2	255.8	75.7	77.7	49.3	0.00
07/25/15 12:00	4460	3.1	348.1	93.9	81.5	44.1	0.00
07/25/15 13:00	4461	3.9	48.5	72.5	82.7	42.9	0.00
07/25/15 14:00	4462	2.4	258.5	62.4	84.0	42.5	0.00
07/25/15 15:00	4463	1.9	245.3	74.0	85.7	38.6	0.00
07/25/15 16:00	4464	2.1	223.3	44.2	83.4	55.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/25/15 17:00	4465	1.5	171.8	25.1	81.7	60.8	0.00
07/25/15 18:00	4466	1.7	177.2	50.6	81.5	44.5	0.00
07/25/15 19:00	4467	1.4	195.5	38.1	81.9	61.0	0.00
07/25/15 20:00	4468	1.4	103.9	86.0	74.1	80.7	0.00
07/25/15 21:00	4469	1.6	105.6	66.1	70.8	82.8	0.00
07/25/15 22:00	4470	2.6	44.2	33.6	69.1	84.8	0.00
07/25/15 23:00	4471	3.1	50.3	36.4	67.6	87.4	0.00
07/26/15 00:00	4472	3.9	28.6	36.8	67.3	74.5	0.00
07/26/15 01:00	4473	5.0	86.1	91.9	67.2	96.1	0.20
07/26/15 02:00	4474	2.2	338.0	72.6	66.6	92.7	0.01
07/26/15 03:00	4475	1.9	325.2	50.5	65.5	97.6	0.00
07/26/15 04:00	4476	2.0	353.7	43.5	64.4	98.0	0.00
07/26/15 05:00	4477	4.9	54.9	23.2	65.0	95.8	0.00
07/26/15 06:00	4478	4.0	55.1	32.2	64.8	95.0	0.00
07/26/15 07:00	4479	3.9	50.2	19.8	67.1	91.5	0.00
07/26/15 08:00	4480	1.8	7.1	48.4	71.8	78.0	0.00
07/26/15 09:00	4481	3.6	46.0	44.0	75.5	74.1	0.00
07/26/15 10:00	4482	3.2	60.3	27.3	79.7	64.8	0.00
07/26/15 11:00	4483	2.1	90.3	76.3	83.2	62.7	0.00
07/26/15 12:00	4484	1.8	257.1	86.0	83.4	57.3	0.00
07/26/15 13:00	4485	2.7	209.1	52.8	84.1	66.3	0.00
07/26/15 14:00	4486	3.9	193.4	39.3	85.8	49.0	0.00
07/26/15 15:00	4487	3.9	202.0	27.7	87.1	55.5	0.00
07/26/15 16:00	4488	1.8	187.1	54.7	81.6	71.7	0.00
07/26/15 17:00	4489	4.3	59.1	16.2	79.7	77.7	0.00
07/26/15 18:00	4490	4.2	330.7	73.2	77.1	79.8	0.00
07/26/15 19:00	4491	3.6	48.4	72.7	72.0	87.3	0.00
07/26/15 20:00	4492	4.5	47.1	45.0	70.8	82.0	0.00

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07/26/15 21:00	4493	2.2	266.4	96.5	70.0	91.4	0.00
07/26/15 22:00	4494	1.7	333.8	72.6	69.0	94.3	0.00
07/26/15 23:00	4495	1.8	35.4	44.8	68.0	94.3	0.00
07/27/15 00:00	4496	2.4	49.6	48.2	67.7	95.8	0.00
07/27/15 01:00	4497	3.1	173.5	66.6	68.3	88.6	0.00
07/27/15 02:00	4498	2.2	358.3	69.4	68.9	90.0	0.00
07/27/15 03:00	4499	3.0	192.4	78.6	69.5	92.1	0.00
07/27/15 04:00	4500	2.3	10.4	69.7	67.6	94.5	0.00
07/27/15 05:00	4501	2.6	8.0	43.3	66.7	96.2	0.00
07/27/15 06:00	4502	2.7	21.2	33.9	66.1	96.4	0.00
07/27/15 07:00	4503	1.8	323.3	56.0	66.9	93.1	0.00
07/27/15 08:00	4504	1.9	277.3	46.1	68.3	90.7	0.00
07/27/15 09:00	4505	1.3	248.7	87.2	70.8	83.3	0.00
07/27/15 10:00	4506	2.9	220.7	41.0	75.3	74.4	0.00
07/27/15 11:00	4507	2.8	4.3	70.5	76.4	73.0	0.00
07/27/15 12:00	4508	2.5	191.5	60.6	79.3	67.1	0.00
07/27/15 13:00	4509	2.1	196.0	76.2	80.8	62.2	0.00
07/27/15 14:00	4510	2.9	233.3	55.7	83.2	57.7	0.00
07/27/15 15:00	4511	2.1	235.1	71.6	85.9	49.7	0.00
07/27/15 16:00	4512	2.5	206.7	56.3	86.7	47.5	0.00
07/27/15 17:00	4513	2.2	223.3	40.7	87.1	44.3	0.00
07/27/15 18:00	4514	1.5	207.1	33.5	86.9	60.7	0.00
07/27/15 19:00	4515	1.3	181.7	18.4	82.0	71.2	0.00
07/27/15 20:00	4516	2.1	199.4	40.9	75.2	81.4	0.00
07/27/15 21:00	4517	1.4	170.7	66.4	71.1	87.2	0.00
07/27/15 22:00	4518	1.9	60.9	41.6	69.0	90.5	0.00
07/27/15 23:00	4519	2.3	60.5	31.8	67.3	94.5	0.00
07/28/15 00:00	4520	2.1	44.3	31.0	65.4	96.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/28/15 01:00	4521	2.3	68.4	38.8	64.7	95.3	0.00
07/28/15 02:00	4522	2.8	64.0	17.5	63.8	97.7	0.00
07/28/15 03:00	4523	2.8	66.3	13.9	63.6	98.6	0.00
07/28/15 04:00	4524	1.4	120.1	42.2	63.5	98.8	0.00
07/28/15 05:00	4525	1.4	125.0	63.7	63.3	98.8	0.00
07/28/15 06:00	4526	1.4	151.8	30.6	62.6	98.8	0.00
07/28/15 07:00	4527	2.0	356.7	56.4	62.9	98.7	0.00
07/28/15 08:00	4528	1.9	322.3	60.3	63.8	98.0	0.00
07/28/15 09:00	4529	2.1	48.4	61.4	69.2	76.4	0.00
07/28/15 10:00	4530	2.2	177.5	68.3	75.9	70.9	0.00
07/28/15 11:00	4531	2.3	195.4	78.4	81.2	61.1	0.00
07/28/15 12:00	4532	2.9	219.5	42.2	85.4	45.2	0.00
07/28/15 13:00	4533	3.1	213.5	46.8	86.7	45.4	0.00
07/28/15 14:00	4534	2.8	223.2	40.6	89.1	39.5	0.00
07/28/15 15:00	4535	3.8	235.4	33.4	89.4	37.4	0.00
07/28/15 16:00	4536	3.6	240.0	38.1	90.0	37.4	0.00
07/28/15 17:00	4537	2.8	244.1	32.7	90.7	39.5	0.00
07/28/15 18:00	4538	2.2	279.3	54.7	89.0	48.4	0.00
07/28/15 19:00	4539	2.3	209.9	40.9	85.1	69.9	0.00
07/28/15 20:00	4540	1.6	162.4	57.4	77.1	78.2	0.00
07/28/15 21:00	4541	2.1	198.0	35.4	73.7	80.3	0.00
07/28/15 22:00	4542	1.6	93.4	66.7	71.1	93.2	0.00
07/28/15 23:00	4543	1.9	79.9	52.1	69.2	94.4	0.00
07/29/15 00:00	4544	1.5	135.4	70.1	67.2	94.6	0.00
07/29/15 01:00	4545	1.2	158.9	24.9	65.4	95.9	0.00
07/29/15 02:00	4546	0.9	172.9	21.4	64.2	97.1	0.00
07/29/15 03:00	4547	1.1	141.7	33.4	63.6	97.6	0.00
07/29/15 04:00	4548	1.1	174.7	42.5	63.4	98.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/29/15 05:00	4549	1.1	183.1	33.2	64.2	98.3	0.00
07/29/15 06:00	4550	1.3	157.9	55.6	64.6	98.5	0.00
07/29/15 07:00	4551	1.5	187.6	39.0	64.7	98.2	0.00
07/29/15 08:00	4552	1.8	83.3	74.3	67.0	87.2	0.00
07/29/15 09:00	4553	1.4	231.1	101.6	74.5	73.7	0.00
07/29/15 10:00	4554	2.2	156.5	101.1	80.2	68.0	0.00
07/29/15 11:00	4555	2.4	198.4	89.7	83.7	55.7	0.00
07/29/15 12:00	4556	2.0	208.4	82.5	88.3	39.8	0.00
07/29/15 13:00	4557	3.1	172.9	51.1	90.0	42.5	0.00
07/29/15 14:00	4558	3.3	171.7	43.1	90.2	44.5	0.00
07/29/15 15:00	4559	3.6	217.3	42.0	91.3	41.9	0.00
07/29/15 16:00	4560	4.1	223.0	33.0	91.0	44.4	0.00
07/29/15 17:00	4561	4.4	220.4	28.0	90.4	44.5	0.00
07/29/15 18:00	4562	3.1	208.6	26.8	88.9	58.7	0.00
07/29/15 19:00	4563	1.7	185.0	23.2	83.1	70.5	0.00
07/29/15 20:00	4564	1.2	68.9	85.9	77.1	83.0	0.00
07/29/15 21:00	4565	1.4	36.6	30.6	73.0	87.2	0.00
07/29/15 22:00	4566	2.4	57.2	39.0	71.6	86.9	0.00
07/29/15 23:00	4567	4.0	64.2	19.0	71.3	89.7	0.00
07/30/15 00:00	4568	4.8	60.3	16.5	70.3	91.7	0.00
07/30/15 01:00	4569	4.5	62.1	21.9	69.7	92.7	0.00
07/30/15 02:00	4570	3.9	56.2	22.2	69.1	93.9	0.00
07/30/15 03:00	4571	3.7	50.9	21.8	68.5	94.4	0.00
07/30/15 04:00	4572	3.3	46.1	25.4	68.2	95.5	0.00
07/30/15 05:00	4573	3.5	41.0	35.8	68.0	95.5	0.00
07/30/15 06:00	4574	4.5	35.5	47.4	68.5	94.6	0.00
07/30/15 07:00	4575	3.4	35.8	44.4	71.6	87.4	0.00
07/30/15 08:00	4576	2.8	111.5	84.3	77.3	81.2	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/30/15 09:00	4577	4.5	191.6	36.3	81.0	77.7	0.00
07/30/15 10:00	4578	3.9	200.7	32.8	80.9	83.3	0.00
07/30/15 11:00	4579	3.1	254.7	67.2	74.5	96.6	0.51
07/30/15 12:00	4580	1.5	260.1	58.9	73.9	94.9	0.03
07/30/15 13:00	4581	2.0	175.4	41.7	80.5	77.7	0.00
07/30/15 14:00	4582	2.8	221.6	58.1	84.5	61.0	0.00
07/30/15 15:00	4583	3.7	259.4	52.5	85.8	57.2	0.00
07/30/15 16:00	4584	4.2	331.7	57.3	86.6	42.4	0.00
07/30/15 17:00	4585	4.3	305.3	55.4	86.5	48.4	0.00
07/30/15 18:00	4586	3.5	358.8	35.5	84.9	45.9	0.00
07/30/15 19:00	4587	1.7	10.3	80.8	81.4	74.1	0.00
07/30/15 20:00	4588	1.3	122.6	73.1	74.6	84.9	0.00
07/30/15 21:00	4589	2.0	34.5	19.2	70.8	92.1	0.00
07/30/15 22:00	4590	2.9	38.0	14.0	68.3	94.9	0.00
07/30/15 23:00	4591	3.5	43.3	11.0	67.0	95.1	0.00
07/31/15 00:00	4592	4.0	40.1	10.9	65.3	96.6	0.00
07/31/15 01:00	4593	4.3	47.9	12.8	63.7	97.8	0.00
07/31/15 02:00	4594	2.4	63.1	55.7	62.5	97.2	0.00
07/31/15 03:00	4595	1.6	111.7	44.2	61.3	97.0	0.00
07/31/15 04:00	4596	2.8	60.0	13.4	60.4	98.8	0.00
07/31/15 05:00	4597	2.9	62.0	14.0	60.2	99.1	0.00
07/31/15 06:00	4598	3.6	45.8	14.4	59.6	99.1	0.00
07/31/15 07:00	4599	2.5	53.6	27.3	59.9	98.5	0.00
07/31/15 08:00	4600	2.2	72.2	30.6	64.8	72.4	0.00
07/31/15 09:00	4601	2.1	147.2	68.4	73.9	61.7	0.00
07/31/15 10:00	4602	4.2	247.7	40.1	77.4	57.8	0.00
07/31/15 11:00	4603	4.6	263.4	40.9	79.9	40.7	0.00
07/31/15 12:00	4604	3.9	315.4	56.9	81.3	37.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
07/31/15 13:00	4605	3.8	343.9	57.1	82.9	46.3	0.00
07/31/15 14:00	4606	3.3	354.1	66.9	83.9	39.3	0.00
07/31/15 15:00	4607	2.9	228.2	65.8	85.4	40.1	0.00
07/31/15 16:00	4608	3.1	199.6	36.0	86.7	35.9	0.00
07/31/15 17:00	4609	3.1	199.3	30.7	85.3	51.8	0.00
07/31/15 18:00	4610	2.8	202.1	30.8	82.6	49.5	0.00
07/31/15 19:00	4611	2.5	196.2	20.4	81.7	69.1	0.00
07/31/15 20:00	4612	1.9	191.1	26.7	74.9	80.2	0.00
07/31/15 21:00	4613	1.2	49.2	44.3	70.6	84.9	0.00
07/31/15 22:00	4614	2.2	39.5	21.7	68.5	88.5	0.00
07/31/15 23:00	4615	2.2	41.2	16.0	67.2	92.8	0.00
08/01/15 00:00	4616	3.1	51.5	14.0	66.0	92.3	0.00
08/01/15 01:00	4617	3.4	55.9	21.6	64.7	93.9	0.00
08/01/15 02:00	4618	3.2	63.6	20.7	64.0	94.4	0.00
08/01/15 03:00	4619	3.4	61.7	13.4	63.3	95.0	0.00
08/01/15 04:00	4620	4.4	46.0	19.9	63.0	94.8	0.00
08/01/15 05:00	4621	3.1	60.5	24.4	63.4	94.3	0.00
08/01/15 06:00	4622	3.3	60.2	12.6	63.2	90.4	0.00
08/01/15 07:00	4623	2.1	75.4	39.8	66.7	82.0	0.00
08/01/15 08:00	4624	1.9	118.3	57.7	71.6	69.0	0.00
08/01/15 09:00	4625	4.5	289.4	64.4	75.6	64.0	0.00
08/01/15 10:00	4626	4.5	327.1	58.9	77.3	59.7	0.00
08/01/15 11:00	4627	5.2	300.3	55.4	78.0	54.0	0.00
08/01/15 12:00	4628	5.7	274.2	42.3	79.1	47.7	0.00
08/01/15 13:00	4629	4.1	283.6	53.9	79.3	51.5	0.00
08/01/15 14:00	4630	3.9	265.5	58.3	81.1	42.9	0.00
08/01/15 15:00	4631	5.0	296.8	58.4	81.7	41.5	0.00
08/01/15 16:00	4632	4.6	283.2	61.7	82.3	36.5	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
08/01/15 17:00	4633	4.3	308.0	61.9	82.3	42.2	0.00
08/01/15 18:00	4634	4.1	270.7	47.9	80.4	40.6	0.00
08/01/15 19:00	4635	2.5	219.1	38.0	78.6	57.8	0.00
08/01/15 20:00	4636	1.1	179.9	79.9	70.7	78.3	0.00
08/01/15 21:00	4637	1.8	16.3	65.3	66.2	87.4	0.00
08/01/15 22:00	4638	1.7	154.3	81.6	63.9	83.4	0.00
08/01/15 23:00	4639	3.3	65.9	21.1	62.8	90.2	0.00
08/02/15 00:00	4640	3.5	57.0	15.8	61.2	92.8	0.00
08/02/15 01:00	4641	3.6	63.9	10.3	60.1	93.5	0.00
08/02/15 02:00	4642	3.3	67.2	17.0	59.2	94.2	0.00
08/02/15 03:00	4643	2.2	68.8	30.5	57.8	95.5	0.00
08/02/15 04:00	4644	2.7	81.7	62.2	57.5	96.8	0.00
08/02/15 05:00	4645	3.9	62.3	11.9	57.3	97.1	0.00
08/02/15 06:00	4646	3.7	36.4	16.2	56.4	96.4	0.00
08/02/15 07:00	4647	3.8	59.9	13.6	56.6	98.1	0.00
08/02/15 08:00	4648	2.0	190.9	98.1	60.3	77.2	0.00
08/02/15 09:00	4649	1.5	235.5	83.8	69.0	68.1	0.00
08/02/15 10:00	4650	2.3	315.7	95.9	75.5	61.0	0.00
08/02/15 11:00	4651	3.0	195.2	48.5	79.8	52.0	0.00
08/02/15 12:00	4652	3.5	243.4	67.3	80.4	42.9	0.00
08/02/15 13:00	4653	5.4	208.5	31.9	82.1	45.1	0.00
08/02/15 14:00	4654	4.3	223.0	34.5	83.0	39.4	0.00
08/02/15 15:00	4655	5.0	215.3	35.8	84.1	42.1	0.00
08/02/15 16:00	4656	5.2	214.8	29.8	84.1	42.0	0.00
08/02/15 17:00	4657	5.1	210.8	28.3	84.0	44.5	0.00
08/02/15 18:00	4658	6.0	210.4	28.9	81.6	46.4	0.00
08/02/15 19:00	4659	3.6	222.2	25.6	80.0	61.6	0.00
08/02/15 20:00	4660	1.9	358.6	83.3	72.7	76.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
08/02/15 21:00	4661	3.9	27.4	25.3	69.8	80.3	0.00
08/02/15 22:00	4662	5.7	31.5	15.9	67.9	82.4	0.00
08/02/15 23:00	4663	6.8	42.0	13.2	66.5	86.4	0.00
08/03/15 00:00	4664	4.3	30.5	23.8	65.6	86.6	0.00
08/03/15 01:00	4665	2.2	349.5	51.0	65.7	85.6	0.00
08/03/15 02:00	4666	2.1	332.0	65.2	64.8	86.7	0.00
08/03/15 03:00	4667	2.5	273.1	68.2	65.1	85.8	0.00
08/03/15 04:00	4668	2.6	63.0	85.4	65.7	75.2	0.00
08/03/15 05:00	4669	4.7	164.6	33.1	69.7	71.9	0.00
08/03/15 06:00	4670	2.6	249.4	64.0	67.3	81.0	0.00
08/03/15 07:00	4671	2.1	336.1	68.9	69.2	68.7	0.00
08/03/15 08:00	4672	5.3	138.9	49.9	74.3	64.2	0.00
08/03/15 09:00	4673	4.3	154.7	30.8	78.6	57.1	0.00
08/03/15 10:00	4674	4.7	194.1	36.5	81.7	52.5	0.00
08/03/15 11:00	4675	6.3	198.5	36.4	82.2	51.5	0.00
08/03/15 12:00	4676	5.5	197.6	35.7	84.3	48.9	0.00
08/03/15 13:00	4677	6.2	210.6	26.1	83.5	49.6	0.00
08/03/15 14:00	4678	6.0	202.3	31.5	85.2	45.4	0.00
08/03/15 15:00	4679	6.5	207.9	29.6	83.6	51.3	0.00
08/03/15 16:00	4680	4.2	208.0	30.9	82.0	53.8	0.00
08/03/15 17:00	4681	5.1	202.4	28.7	84.4	50.3	0.00
08/03/15 18:00	4682	5.4	209.8	26.9	85.0	46.4	0.00
08/03/15 19:00	4683	3.8	205.5	21.2	82.2	54.4	0.00
08/03/15 20:00	4684	2.3	204.0	25.2	74.6	73.2	0.00
08/03/15 21:00	4685	3.1	47.2	44.7	72.9	66.9	0.00
08/03/15 22:00	4686	5.8	59.2	15.5	72.6	67.2	0.00
08/03/15 23:00	4687	2.7	54.1	34.2	71.5	74.4	0.00
08/04/15 00:00	4688	2.9	62.2	35.2	70.4	79.6	0.00

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08/04/15 01:00	4689	3.0	56.2	41.3	69.4	86.9	0.00
08/04/15 02:00	4690	3.2	66.3	17.6	69.1	85.6	0.00
08/04/15 03:00	4691	2.3	38.9	41.3	67.6	89.0	0.00
08/04/15 04:00	4692	3.7	63.3	20.4	67.0	90.4	0.00
08/04/15 05:00	4693	2.0	62.4	36.9	65.8	94.6	0.00
08/04/15 06:00	4694	2.6	47.8	22.3	65.0	91.3	0.00
08/04/15 07:00	4695	2.2	65.9	35.5	66.9	85.2	0.00
08/04/15 08:00	4696	2.7	66.9	35.4	71.7	71.5	0.00
08/04/15 09:00	4697	2.9	115.7	25.9	76.2	67.3	0.00
08/04/15 10:00	4698	3.5	180.6	81.1	79.5	61.7	0.00
08/04/15 11:00	4699	5.3	286.5	55.1	79.4	60.9	0.00
08/04/15 12:00	4700	5.2	298.0	54.6	79.5	49.4	0.00
08/04/15 13:00	4701	6.0	255.0	41.1	81.7	44.6	0.00
08/04/15 14:00	4702	5.1	261.6	42.8	83.1	39.8	0.00
08/04/15 15:00	4703	4.7	273.4	58.1	83.6	37.1	0.00
08/04/15 16:00	4704	5.4	321.3	65.1	82.8	44.0	0.00
08/04/15 17:00	4705	4.7	281.0	47.4	81.2	44.5	0.00
08/04/15 18:00	4706	3.5	315.8	53.2	79.7	45.9	0.00
08/04/15 19:00	4707	2.8	323.6	63.8	77.7	58.7	0.00
08/04/15 20:00	4708	1.4	142.5	57.2	71.1	70.8	0.00
08/04/15 21:00	4709	1.4	150.0	66.6	67.9	80.6	0.00
08/04/15 22:00	4710	1.5	46.0	71.7	65.8	83.8	0.00
08/04/15 23:00	4711	2.0	167.0	93.2	65.2	88.8	0.00
08/05/15 00:00	4712	1.6	175.4	39.5	63.3	90.7	0.00
08/05/15 01:00	4713	2.2	79.7	53.2	61.9	93.2	0.00
08/05/15 02:00	4714	3.4	50.6	25.7	60.9	94.1	0.00
08/05/15 03:00	4715	2.3	113.8	60.8	60.0	96.1	0.00
08/05/15 04:00	4716	1.9	48.5	55.2	59.0	95.6	0.00

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08/05/15 05:00	4717	2.1	97.0	50.4	59.2	96.4	0.00
08/05/15 06:00	4718	2.7	89.2	39.2	58.9	98.1	0.00
08/05/15 07:00	4719	2.9	63.5	33.9	59.6	94.5	0.00
08/05/15 08:00	4720	2.0	81.4	49.0	64.2	73.3	0.00
08/05/15 09:00	4721	2.8	176.7	43.9	69.8	61.8	0.00
08/05/15 10:00	4722	4.2	271.1	53.6	73.8	55.6	0.00
08/05/15 11:00	4723	3.7	310.3	55.3	75.8	53.5	0.00
08/05/15 12:00	4724	3.8	277.3	62.7	76.7	53.9	0.00
08/05/15 13:00	4725	4.2	275.7	60.8	76.3	51.6	0.00
08/05/15 14:00	4726	4.1	275.7	52.1	77.2	48.1	0.00
08/05/15 15:00	4727	4.8	308.7	55.8	78.0	44.2	0.00
08/05/15 16:00	4728	5.7	343.1	43.0	78.0	44.5	0.00
08/05/15 17:00	4729	5.4	315.6	65.8	78.5	41.1	0.00
08/05/15 18:00	4730	5.0	312.7	62.8	77.5	43.8	0.00
08/05/15 19:00	4731	3.3	358.3	34.2	75.3	48.3	0.00
08/05/15 20:00	4732	2.1	24.0	20.0	67.8	76.5	0.00
08/05/15 21:00	4733	2.0	38.1	15.0	62.6	84.3	0.00
08/05/15 22:00	4734	2.3	49.0	54.8	60.4	85.0	0.00
08/05/15 23:00	4735	2.9	46.6	19.4	59.3	88.6	0.00
08/06/15 00:00	4736	3.7	38.0	13.2	58.4	91.0	0.00
08/06/15 01:00	4737	4.4	47.4	15.5	57.7	91.4	0.00
08/06/15 02:00	4738	3.0	45.2	23.7	56.5	95.3	0.00
08/06/15 03:00	4739	4.3	52.4	16.1	55.5	94.5	0.00
08/06/15 04:00	4740	3.5	62.0	13.4	54.8	95.3	0.00
08/06/15 05:00	4741	3.7	55.6	12.5	53.6	95.4	0.00
08/06/15 06:00	4742	4.8	53.7	10.4	53.3	92.8	0.00
08/06/15 07:00	4743	3.0	57.9	29.5	55.9	84.5	0.00
08/06/15 08:00	4744	1.4	44.2	58.7	61.4	75.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
08/06/15 09:00	4745	2.9	199.3	42.8	67.0	67.0	0.00
08/06/15 10:00	4746	3.2	248.7	75.9	69.1	63.3	0.00
08/06/15 11:00	4747	3.3	229.7	34.7	70.3	54.9	0.00
08/06/15 12:00	4748	3.3	290.3	68.3	72.8	51.1	0.00
08/06/15 13:00	4749	4.0	344.5	57.8	73.4	51.1	0.00
08/06/15 14:00	4750	5.0	341.5	52.4	73.9	50.4	0.00
08/06/15 15:00	4751	4.6	359.8	37.2	73.4	47.8	0.00
08/06/15 16:00	4752	3.3	339.4	48.5	74.1	49.1	0.00
08/06/15 17:00	4753	2.4	338.4	53.8	73.7	58.7	0.00
08/06/15 18:00	4754	1.8	321.3	64.9	71.7	63.1	0.00
08/06/15 19:00	4755	1.8	67.3	68.6	68.0	73.6	0.00
08/06/15 20:00	4756	1.8	60.2	29.9	65.3	81.5	0.00
08/06/15 21:00	4757	2.5	46.2	14.8	63.1	85.9	0.00
08/06/15 22:00	4758	3.0	52.0	14.3	61.5	90.0	0.00
08/06/15 23:00	4759	2.6	69.3	28.8	59.1	94.6	0.00
08/07/15 00:00	4760	2.5	54.1	33.7	57.4	95.9	0.00
08/07/15 01:00	4761	3.5	51.6	12.9	56.3	95.2	0.00
08/07/15 02:00	4762	3.5	45.7	12.0	55.1	96.8	0.00
08/07/15 03:00	4763	3.5	46.5	14.1	54.2	98.2	0.00
08/07/15 04:00	4764	2.0	51.3	53.0	54.9	97.9	0.00
08/07/15 05:00	4765	1.4	12.4	29.7	55.0	98.2	0.00
08/07/15 06:00	4766	2.4	13.4	34.5	54.6	98.1	0.00
08/07/15 07:00	4767	1.6	17.0	81.8	55.3	97.1	0.00
08/07/15 08:00	4768	2.5	5.3	57.6	57.5	89.4	0.00
08/07/15 09:00	4769	3.0	53.5	33.6	62.8	71.8	0.00
08/07/15 10:00	4770	3.0	220.1	56.9	70.4	59.1	0.00
08/07/15 11:00	4771	2.9	243.2	79.9	73.8	53.5	0.00
08/07/15 12:00	4772	4.0	27.2	46.8	76.1	46.5	0.00

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08/07/15 13:00	4773	4.2	43.0	71.2	77.7	45.9	0.00
08/07/15 14:00	4774	3.9	44.3	70.8	78.8	39.6	0.00
08/07/15 15:00	4775	3.4	53.3	64.4	79.0	52.1	0.00
08/07/15 16:00	4776	3.0	319.4	54.5	79.9	37.7	0.00
08/07/15 17:00	4777	3.0	17.8	51.9	80.7	41.5	0.00
08/07/15 18:00	4778	2.2	350.3	47.3	80.6	42.3	0.00
08/07/15 19:00	4779	3.5	24.3	17.5	75.1	68.0	0.00
08/07/15 20:00	4780	3.4	60.6	43.6	69.2	78.8	0.00
08/07/15 21:00	4781	2.2	93.2	50.8	65.6	85.8	0.00
08/07/15 22:00	4782	3.1	42.7	23.2	63.0	87.7	0.00
08/07/15 23:00	4783	2.0	31.3	27.1	60.4	93.3	0.00
08/08/15 00:00	4784	2.9	45.3	12.6	59.5	92.5	0.00
08/08/15 01:00	4785	3.8	45.9	12.0	58.6	94.7	0.00
08/08/15 02:00	4786	4.2	40.3	12.3	57.4	95.4	0.00
08/08/15 03:00	4787	4.4	48.2	11.0	56.6	95.8	0.00
08/08/15 04:00	4788	4.3	44.5	12.4	55.7	95.3	0.00
08/08/15 05:00	4789	4.5	57.0	11.8	55.3	95.6	0.00
08/08/15 06:00	4790	4.2	60.6	9.2	55.1	93.8	0.00
08/08/15 07:00	4791	3.7	65.0	13.1	57.5	88.1	0.00
08/08/15 08:00	4792	2.5	77.2	28.6	62.7	77.1	0.00
08/08/15 09:00	4793	1.9	10.3	94.6	68.1	63.0	0.00
08/08/15 10:00	4794	2.5	223.0	40.1	73.4	59.1	0.00
08/08/15 11:00	4795	3.3	217.4	44.0	76.5	50.5	0.00
08/08/15 12:00	4796	4.4	226.7	27.0	79.2	40.8	0.00
08/08/15 13:00	4797	4.1	343.6	79.4	80.7	44.2	0.00
08/08/15 14:00	4798	3.6	282.2	72.3	82.2	41.8	0.00
08/08/15 15:00	4799	4.3	278.9	69.8	82.4	40.5	0.00
08/08/15 16:00	4800	4.8	341.9	53.2	82.9	37.1	0.00

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08/08/15 17:00	4801	3.1	314.3	48.9	83.4	39.1	0.00
08/08/15 18:00	4802	4.8	357.5	35.1	80.5	49.4	0.00
08/08/15 19:00	4803	4.9	21.1	26.0	74.9	63.7	0.00
08/08/15 20:00	4804	1.8	16.7	33.3	69.2	78.8	0.00
08/08/15 21:00	4805	2.1	18.8	42.5	65.7	83.1	0.00
08/08/15 22:00	4806	2.8	32.2	21.5	64.3	86.3	0.00
08/08/15 23:00	4807	3.4	35.6	18.0	62.5	87.1	0.00
08/09/15 00:00	4808	3.2	42.3	18.3	61.6	91.4	0.00
08/09/15 01:00	4809	3.0	46.5	22.8	61.0	91.4	0.00
08/09/15 02:00	4810	3.8	44.4	15.1	60.1	93.6	0.00
08/09/15 03:00	4811	4.3	37.7	18.4	59.1	95.0	0.00
08/09/15 04:00	4812	4.5	39.8	12.7	58.3	95.3	0.00
08/09/15 05:00	4813	4.0	46.0	14.4	58.4	94.6	0.00
08/09/15 06:00	4814	4.4	54.3	9.2	58.8	92.0	0.00
08/09/15 07:00	4815	3.4	60.1	30.1	62.7	75.2	0.00
08/09/15 08:00	4816	3.0	74.5	49.2	66.6	73.5	0.00
08/09/15 09:00	4817	3.6	221.0	59.3	70.0	69.2	0.00
08/09/15 10:00	4818	3.1	224.6	38.9	73.7	61.5	0.00
08/09/15 11:00	4819	3.2	222.1	34.5	76.7	58.5	0.00
08/09/15 12:00	4820	3.7	133.9	89.8	80.3	51.2	0.00
08/09/15 13:00	4821	3.7	277.6	61.6	81.5	38.7	0.00
08/09/15 14:00	4822	3.1	228.9	89.2	83.4	34.4	0.00
08/09/15 15:00	4823	3.4	214.3	61.7	84.9	33.7	0.00
08/09/15 16:00	4824	3.2	216.4	45.3	86.4	29.1	0.00
08/09/15 17:00	4825	2.0	240.0	45.1	86.9	31.0	0.00
08/09/15 18:00	4826	4.2	124.6	75.4	84.4	47.0	0.00
08/09/15 19:00	4827	4.0	165.1	23.6	79.9	58.5	0.00
08/09/15 20:00	4828	5.0	136.9	17.5	76.1	60.0	0.00

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08/09/15 21:00	4829	2.5	210.8	56.9	72.2	78.8	0.00
08/09/15 22:00	4830	1.5	43.6	83.0	67.7	84.0	0.00
08/09/15 23:00	4831	3.1	68.3	32.2	66.7	85.0	0.00
08/10/15 00:00	4832	2.6	59.3	76.0	64.7	86.0	0.00
08/10/15 01:00	4833	5.6	139.5	34.7	69.5	75.3	0.00
08/10/15 02:00	4834	6.8	140.9	17.9	70.1	78.0	0.00
08/10/15 03:00	4835	6.3	148.1	19.4	69.9	75.9	0.00
08/10/15 04:00	4836	6.0	153.4	18.6	69.7	72.1	0.00
08/10/15 05:00	4837	5.9	151.1	19.8	69.4	71.2	0.00
08/10/15 06:00	4838	5.7	149.8	19.5	69.1	67.6	0.00
08/10/15 07:00	4839	4.4	152.0	23.2	69.8	68.7	0.00
08/10/15 08:00	4840	5.4	150.4	21.0	70.2	69.5	0.00
08/10/15 09:00	4841	6.3	143.2	24.0	70.8	72.2	0.00
08/10/15 10:00	4842	6.6	158.3	27.5	71.7	72.2	0.00
08/10/15 11:00	4843	5.7	166.4	34.0	70.8	75.0	0.00
08/10/15 12:00	4844	3.5	188.4	44.3	70.6	78.0	0.00
08/10/15 13:00	4845	3.6	177.4	41.3	70.4	79.2	0.00
08/10/15 14:00	4846	4.1	186.5	44.5	69.1	85.9	0.00
08/10/15 15:00	4847	3.2	161.4	62.6	68.6	87.1	0.00
08/10/15 16:00	4848	2.6	151.5	71.0	68.8	86.4	0.00
08/10/15 17:00	4849	3.3	152.3	65.0	69.3	84.8	0.00
08/10/15 18:00	4850	4.1	134.0	60.1	69.4	82.6	0.00
08/10/15 19:00	4851	4.4	169.5	42.2	69.8	81.7	0.00
08/10/15 20:00	4852	4.3	182.3	35.5	70.1	82.1	0.00
08/10/15 21:00	4853	4.6	179.0	41.6	70.0	82.3	0.00
08/10/15 22:00	4854	5.3	180.9	43.0	69.4	80.7	0.00
08/10/15 23:00	4855	4.9	181.7	48.2	69.7	79.2	0.00
08/11/15 00:00	4856	4.0	189.4	45.9	69.3	83.0	0.00

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08/11/15 01:00	4857	6.0	185.8	40.9	69.2	86.2	0.01
08/11/15 02:00	4858	4.3	188.1	48.4	68.1	93.6	0.13
08/11/15 03:00	4859	4.4	203.5	54.6	67.0	94.8	0.54
08/11/15 04:00	4860	6.1	156.9	32.6	66.8	93.9	0.16
08/11/15 05:00	4861	4.5	164.2	39.4	66.9	96.4	0.22
08/11/15 06:00	4862	4.6	108.5	65.3	67.2	91.7	0.20
08/11/15 07:00	4863	2.9	88.3	85.8	67.5	96.0	0.00
08/11/15 08:00	4864	3.0	212.6	80.8	71.3	85.5	0.00
08/11/15 09:00	4865	3.2	195.9	40.9	74.3	77.7	0.00
08/11/15 10:00	4866	2.5	231.6	33.3	76.0	74.8	0.00
08/11/15 11:00	4867	3.2	255.7	29.9	75.9	71.0	0.00
08/11/15 12:00	4868	3.9	280.1	54.7	77.1	67.7	0.00
08/11/15 13:00	4869	4.4	302.6	59.3	78.7	74.9	0.00
08/11/15 14:00	4870	3.9	241.7	50.3	75.6	78.3	0.02
08/11/15 15:00	4871	4.1	237.4	30.6	75.6	74.4	0.00
08/11/15 16:00	4872	4.7	266.1	61.0	77.7	58.6	0.00
08/11/15 17:00	4873	5.2	306.4	64.5	79.0	55.3	0.00
08/11/15 18:00	4874	4.7	328.5	56.9	78.2	58.1	0.00
08/11/15 19:00	4875	3.2	6.4	38.7	76.0	71.3	0.00
08/11/15 20:00	4876	2.8	15.5	34.3	70.1	87.2	0.00
08/11/15 21:00	4877	2.8	25.5	25.2	67.1	93.5	0.00
08/11/15 22:00	4878	2.7	43.7	13.9	65.4	95.5	0.00
08/11/15 23:00	4879	3.4	33.0	27.2	64.1	96.5	0.00
08/12/15 00:00	4880	3.1	59.7	25.1	63.4	96.0	0.00
08/12/15 01:00	4881	2.0	58.8	62.8	63.4	96.7	0.00
08/12/15 02:00	4882	2.2	36.3	33.2	62.5	97.3	0.00
08/12/15 03:00	4883	1.6	23.4	37.2	61.4	98.0	0.00
08/12/15 04:00	4884	2.2	35.7	25.9	62.3	97.3	0.00

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08/12/15 05:00	4885	2.5	50.7	25.7	63.4	90.0	0.00
08/12/15 06:00	4886	3.2	15.4	37.7	65.7	84.2	0.00
08/12/15 07:00	4887	3.4	352.6	44.1	66.3	80.4	0.00
08/12/15 08:00	4888	3.2	282.0	60.0	67.6	77.6	0.00
08/12/15 09:00	4889	4.1	300.2	61.0	68.1	73.1	0.00
08/12/15 10:00	4890	4.1	291.8	56.5	70.5	66.2	0.00
08/12/15 11:00	4891	3.8	286.9	56.8	72.7	59.0	0.00
08/12/15 12:00	4892	4.9	276.1	46.0	74.6	55.5	0.00
08/12/15 13:00	4893	4.8	308.2	62.7	76.9	50.8	0.00
08/12/15 14:00	4894	5.7	262.4	43.1	77.2	54.1	0.00
08/12/15 15:00	4895	5.5	320.8	73.7	74.1	65.5	0.00
08/12/15 16:00	4896	5.0	243.7	37.0	73.1	62.5	0.00
08/12/15 17:00	4897	4.0	274.3	59.0	72.6	62.7	0.00
08/12/15 18:00	4898	4.2	257.3	39.8	71.4	69.5	0.00
08/12/15 19:00	4899	2.5	266.4	54.0	69.4	77.3	0.00
08/12/15 20:00	4900	1.7	346.7	93.1	66.2	86.6	0.00
08/12/15 21:00	4901	2.8	44.4	29.3	64.0	92.6	0.00
08/12/15 22:00	4902	4.3	38.2	14.6	63.2	93.7	0.00
08/12/15 23:00	4903	3.9	49.1	10.3	61.7	95.0	0.00
08/13/15 00:00	4904	2.2	35.7	29.2	59.9	96.9	0.00
08/13/15 01:00	4905	2.5	57.0	16.8	58.9	97.1	0.00
08/13/15 02:00	4906	2.5	40.7	35.7	59.1	97.9	0.00
08/13/15 03:00	4907	2.1	56.5	51.1	59.6	97.4	0.00
08/13/15 04:00	4908	4.3	47.8	13.5	57.1	98.7	0.00
08/13/15 05:00	4909	4.5	59.1	11.6	56.3	99.0	0.00
08/13/15 06:00	4910	4.3	53.8	10.5	55.4	99.0	0.00
08/13/15 07:00	4911	3.7	51.4	11.8	55.9	99.1	0.00
08/13/15 08:00	4912	2.8	54.4	25.9	57.5	97.5	0.00

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08/13/15 09:00	4913	4.2	77.9	19.3	61.8	64.1	0.00
08/13/15 10:00	4914	2.5	134.2	66.6	70.0	47.6	0.00
08/13/15 11:00	4915	4.7	296.3	55.0	71.9	46.5	0.00
08/13/15 12:00	4916	3.6	302.2	79.4	74.1	42.7	0.00
08/13/15 13:00	4917	4.0	291.7	77.7	74.8	39.5	0.00
08/13/15 14:00	4918	4.2	333.1	69.3	75.8	38.5	0.00
08/13/15 15:00	4919	3.0	316.7	97.1	77.4	39.1	0.00
08/13/15 16:00	4920	2.8	1.2	78.6	78.4	41.1	0.00
08/13/15 17:00	4921	2.4	229.1	48.8	79.7	36.1	0.00
08/13/15 18:00	4922	2.0	230.3	30.4	77.6	52.2	0.00
08/13/15 19:00	4923	2.3	180.3	29.8	72.2	72.8	0.00
08/13/15 20:00	4924	2.0	191.5	38.4	65.7	80.3	0.00
08/13/15 21:00	4925	1.7	96.2	72.9	62.5	87.4	0.00
08/13/15 22:00	4926	3.5	66.2	19.8	61.0	91.1	0.00
08/13/15 23:00	4927	3.0	65.6	16.6	59.4	93.7	0.00
08/14/15 00:00	4928	3.3	66.5	11.1	58.3	94.5	0.00
08/14/15 01:00	4929	3.8	69.7	10.3	57.2	94.8	0.00
08/14/15 02:00	4930	3.1	62.9	12.4	56.4	95.8	0.00
08/14/15 03:00	4931	3.3	60.6	10.9	55.9	96.6	0.00
08/14/15 04:00	4932	3.0	54.0	10.9	55.3	96.1	0.00
08/14/15 05:00	4933	3.1	55.9	12.8	55.3	97.8	0.00
08/14/15 06:00	4934	3.3	51.8	11.2	54.8	98.2	0.00
08/14/15 07:00	4935	3.1	65.2	12.2	55.5	88.6	0.00
08/14/15 08:00	4936	1.7	105.6	42.6	61.1	72.8	0.00
08/14/15 09:00	4937	2.2	51.1	65.6	67.7	68.5	0.00
08/14/15 10:00	4938	2.7	48.6	42.9	73.1	63.6	0.00
08/14/15 11:00	4939	1.9	346.7	58.6	78.4	56.1	0.00
08/14/15 12:00	4940	2.4	184.2	75.8	82.3	53.8	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
08/14/15 13:00	4941	3.4	169.9	54.2	83.2	47.6	0.00
08/14/15 14:00	4942	6.3	231.6	30.8	84.8	42.8	0.00
08/14/15 15:00	4943	5.0	231.3	33.5	84.8	41.8	0.00
08/14/15 16:00	4944	4.4	231.0	30.9	85.1	47.2	0.00
08/14/15 17:00	4945	4.3	241.7	29.2	85.0	45.5	0.00
08/14/15 18:00	4946	2.5	193.1	22.7	80.7	71.7	0.00
08/14/15 19:00	4947	1.8	210.7	30.0	76.2	78.9	0.00
08/14/15 20:00	4948	1.2	36.0	45.5	71.7	85.6	0.00
08/14/15 21:00	4949	1.9	48.9	48.5	68.9	90.3	0.00
08/14/15 22:00	4950	2.1	52.0	31.7	67.8	91.9	0.00
08/14/15 23:00	4951	3.4	71.5	22.9	67.1	92.0	0.00
08/15/15 00:00	4952	3.8	66.3	12.7	66.2	93.5	0.00
08/15/15 01:00	4953	2.7	61.2	16.6	65.4	94.2	0.00
08/15/15 02:00	4954	2.5	69.2	21.0	65.3	95.5	0.00
08/15/15 03:00	4955	2.1	74.2	34.4	64.8	96.5	0.00
08/15/15 04:00	4956	1.9	49.5	47.3	63.7	96.9	0.00
08/15/15 05:00	4957	1.3	68.8	45.9	62.6	97.8	0.00
08/15/15 06:00	4958	1.5	95.7	64.2	62.7	97.6	0.00
08/15/15 07:00	4959	1.7	52.9	53.9	63.1	96.8	0.00
08/15/15 08:00	4960	1.6	47.7	39.8	68.0	82.1	0.01
08/15/15 09:00	4961	1.5	72.6	78.0	73.6	66.0	0.00
08/15/15 10:00	4962	2.1	127.8	77.5	79.3	64.9	0.00
08/15/15 11:00	4963	2.6	226.5	24.8	82.9	54.7	0.00
08/15/15 12:00	4964	2.7	191.8	39.0	85.8	54.1	0.00
08/15/15 13:00	4965	2.7	184.3	51.1	87.5	46.1	0.00
08/15/15 14:00	4966	2.2	211.8	66.6	88.5	45.1	0.00
08/15/15 15:00	4967	3.2	197.5	41.5	89.7	40.0	0.00
08/15/15 16:00	4968	4.2	202.0	35.8	89.1	43.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
08/15/15 17:00	4969	5.0	249.9	44.4	79.9	65.8	0.00
08/15/15 18:00	4970	3.3	2.6	88.8	73.9	88.2	0.03
08/15/15 19:00	4971	1.9	35.8	78.7	69.5	95.1	0.02
08/15/15 20:00	4972	3.3	57.8	46.4	69.1	95.2	0.00
08/15/15 21:00	4973	2.8	65.2	23.5	68.6	95.4	0.00
08/15/15 22:00	4974	2.1	61.3	16.3	68.1	96.3	0.00
08/15/15 23:00	4975	3.0	70.8	19.8	67.4	97.3	0.00
08/16/15 00:00	4976	2.0	50.3	29.4	67.0	98.0	0.01
08/16/15 01:00	4977	1.4	90.6	74.3	67.1	98.0	0.00
08/16/15 02:00	4978	2.1	70.6	24.1	66.7	98.5	0.00
08/16/15 03:00	4979	3.7	52.6	15.8	66.0	98.7	0.00
08/16/15 04:00	4980	4.8	45.3	16.6	65.1	98.6	0.00
08/16/15 05:00	4981	3.8	64.0	13.3	64.7	98.8	0.00
08/16/15 06:00	4982	3.1	63.1	11.0	64.6	99.0	0.00
08/16/15 07:00	4983	3.6	51.3	11.8	64.5	98.8	0.00
08/16/15 08:00	4984	3.8	70.8	16.1	64.6	98.2	0.00
08/16/15 09:00	4985	3.1	80.8	24.9	66.2	92.8	0.00
08/16/15 10:00	4986	2.5	191.2	72.3	71.4	81.4	0.00
08/16/15 11:00	4987	2.0	249.0	87.5	76.6	70.7	0.00
08/16/15 12:00	4988	2.6	105.0	89.9	81.7	63.7	0.00
08/16/15 13:00	4989	3.9	299.5	65.4	85.4	48.7	0.00
08/16/15 14:00	4990	3.9	327.2	48.5	87.3	45.3	0.00
08/16/15 15:00	4991	3.6	352.0	47.5	88.0	45.3	0.00
08/16/15 16:00	4992	3.3	314.1	59.5	88.8	43.2	0.00
08/16/15 17:00	4993	1.7	267.7	64.2	89.5	41.3	0.00
08/16/15 18:00	4994	2.8	217.8	40.5	86.9	62.7	0.00
08/16/15 19:00	4995	2.0	182.3	45.4	81.9	77.6	0.00
08/16/15 20:00	4996	2.6	56.1	22.3	77.0	78.7	0.00

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08/16/15 21:00	4997	1.6	88.3	63.0	74.2	87.8	0.00
08/16/15 22:00	4998	2.8	65.7	17.9	72.7	90.1	0.00
08/16/15 23:00	4999	3.7	65.8	11.0	71.2	92.7	0.00
08/17/15 00:00	5000	3.1	71.8	12.7	70.0	93.6	0.00
08/17/15 01:00	5001	2.9	72.3	16.9	68.9	94.7	0.00
08/17/15 02:00	5002	3.1	59.8	12.4	67.6	96.0	0.00
08/17/15 03:00	5003	2.7	66.6	12.2	67.0	95.9	0.00
08/17/15 04:00	5004	2.9	58.0	9.5	65.9	98.1	0.00
08/17/15 05:00	5005	3.4	48.8	8.0	65.2	98.6	0.00
08/17/15 06:00	5006	3.6	60.7	11.8	64.7	98.6	0.00
08/17/15 07:00	5007	3.5	52.6	8.6	64.6	98.3	0.00
08/17/15 08:00	5008	3.1	75.4	30.7	66.7	87.3	0.00
08/17/15 09:00	5009	1.7	168.9	55.7	73.4	76.0	0.00
08/17/15 10:00	5010	2.0	248.9	41.2	77.6	73.6	0.00
08/17/15 11:00	5011	1.8	277.5	65.6	82.7	53.7	0.00
08/17/15 12:00	5012	2.6	223.8	41.6	87.3	46.8	0.00
08/17/15 13:00	5013	3.3	173.0	35.6	88.8	56.7	0.00
08/17/15 14:00	5014	4.6	159.7	24.7	85.2	56.7	0.00
08/17/15 15:00	5015	4.3	155.3	28.1	87.2	49.4	0.00
08/17/15 16:00	5016	2.8	174.4	45.1	89.3	47.2	0.00
08/17/15 17:00	5017	1.3	234.2	42.5	91.1	52.6	0.00
08/17/15 18:00	5018	1.3	276.5	71.8	86.9	69.5	0.00
08/17/15 19:00	5019	1.4	189.1	53.2	81.8	81.8	0.00
08/17/15 20:00	5020	2.0	178.0	28.4	76.5	85.3	0.00
08/17/15 21:00	5021	1.8	182.0	30.6	73.2	86.1	0.00
08/17/15 22:00	5022	1.4	187.9	40.5	70.4	89.5	0.00
08/17/15 23:00	5023	1.1	171.9	37.1	68.1	95.9	0.00
08/18/15 00:00	5024	1.6	183.7	23.6	66.6	95.1	0.00

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08/18/15 01:00	5025	1.2	184.7	41.1	66.5	96.1	0.00
08/18/15 02:00	5026	0.7	199.4	32.7	66.2	97.3	0.00
08/18/15 03:00	5027	1.9	129.4	69.8	67.4	97.7	0.00
08/18/15 04:00	5028	3.5	51.7	20.4	66.9	96.6	0.00
08/18/15 05:00	5029	2.8	51.5	24.4	66.7	95.0	0.00
08/18/15 06:00	5030	1.9	79.9	37.0	66.4	97.0	0.00
08/18/15 07:00	5031	2.2	56.4	33.0	66.4	94.9	0.00
08/18/15 08:00	5032	2.0	155.8	38.7	70.3	82.9	0.00
08/18/15 09:00	5033	2.0	164.4	48.8	74.3	73.9	0.00
08/18/15 10:00	5034	2.0	236.4	60.6	81.3	63.8	0.00
08/18/15 11:00	5035	3.5	131.3	64.0	85.3	62.3	0.00
08/18/15 12:00	5036	4.6	164.2	50.0	87.5	48.6	0.00
08/18/15 13:00	5037	5.6	203.6	37.8	89.6	48.4	0.00
08/18/15 14:00	5038	5.5	174.0	41.2	89.6	48.7	0.00
08/18/15 15:00	5039	5.5	164.3	37.5	89.6	48.3	0.00
08/18/15 16:00	5040	5.5	201.4	37.4	88.4	39.1	0.00
08/18/15 17:00	5041	4.8	191.1	37.4	89.0	49.1	0.00
08/18/15 18:00	5042	3.3	170.0	37.8	85.4	58.1	0.00
08/18/15 19:00	5043	2.7	154.9	34.7	81.7	64.3	0.00
08/18/15 20:00	5044	1.9	3.3	65.2	76.5	82.1	0.00
08/18/15 21:00	5045	1.7	38.0	37.4	72.8	85.0	0.00
08/18/15 22:00	5046	2.6	54.7	31.6	71.6	87.8	0.00
08/18/15 23:00	5047	3.9	63.4	12.3	70.7	90.7	0.00
08/19/15 00:00	5048	3.9	41.2	21.7	69.7	89.1	0.00
08/19/15 01:00	5049	1.8	251.2	87.2	69.6	88.4	0.00
08/19/15 02:00	5050	3.2	152.8	42.4	73.2	80.9	0.00
08/19/15 03:00	5051	3.7	126.9	60.5	74.2	80.9	0.00
08/19/15 04:00	5052	3.0	92.9	39.3	73.4	85.5	0.00

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08/19/15 05:00	5053	2.9	99.6	57.7	73.2	86.7	0.00
08/19/15 06:00	5054	4.5	95.5	30.2	73.1	86.5	0.00
08/19/15 07:00	5055	2.3	143.3	76.6	73.8	81.2	0.00
08/19/15 08:00	5056	5.3	146.0	31.3	76.1	76.6	0.00
08/19/15 09:00	5057	5.0	154.2	32.7	77.5	75.6	0.00
08/19/15 10:00	5058	4.7	170.8	44.6	79.5	70.8	0.00
08/19/15 11:00	5059	4.2	170.9	44.1	80.0	69.0	0.00
08/19/15 12:00	5060	2.7	205.4	64.0	80.8	73.7	0.00
08/19/15 13:00	5061	3.9	212.0	47.9	82.8	62.5	0.00
08/19/15 14:00	5062	4.5	207.7	41.5	84.4	59.8	0.00
08/19/15 15:00	5063	4.5	181.9	45.8	85.2	62.1	0.00
08/19/15 16:00	5064	4.8	159.4	55.0	83.6	63.2	0.00
08/19/15 17:00	5065	3.8	181.1	56.7	83.9	63.2	0.00
08/19/15 18:00	5066	2.7	179.3	78.1	82.9	65.7	0.00
08/19/15 19:00	5067	2.9	157.8	73.5	81.2	70.0	0.00
08/19/15 20:00	5068	4.1	184.2	53.1	80.2	70.0	0.00
08/19/15 21:00	5069	3.7	130.2	48.1	78.3	75.5	0.00
08/19/15 22:00	5070	3.4	253.3	68.2	76.9	79.5	0.00
08/19/15 23:00	5071	2.9	195.2	52.3	75.6	80.6	0.00
08/20/15 00:00	5072	2.3	63.5	69.5	74.0	81.9	0.00
08/20/15 01:00	5073	5.1	176.1	43.3	74.6	79.8	0.00
08/20/15 02:00	5074	4.5	204.9	40.1	74.4	79.3	0.00
08/20/15 03:00	5075	4.4	202.6	44.1	74.6	77.6	0.00
08/20/15 04:00	5076	2.9	191.2	73.0	74.7	78.5	0.00
08/20/15 05:00	5077	3.3	202.0	56.6	74.8	79.8	0.00
08/20/15 06:00	5078	3.6	188.6	55.1	74.5	79.4	0.00
08/20/15 07:00	5079	3.3	195.9	80.5	74.8	79.6	0.00
08/20/15 08:00	5080	3.1	209.7	81.9	75.6	75.7	0.00

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08/20/15 09:00	5081	3.8	215.2	59.1	77.0	74.6	0.00
08/20/15 10:00	5082	5.9	191.1	38.8	78.4	75.2	0.00
08/20/15 11:00	5083	5.0	202.5	39.1	77.6	71.8	0.00
08/20/15 12:00	5084	6.0	193.4	36.8	80.4	65.7	0.00
08/20/15 13:00	5085	6.6	189.3	40.6	82.4	62.9	0.00
08/20/15 14:00	5086	6.0	181.9	38.8	82.7	65.4	0.00
08/20/15 15:00	5087	5.2	181.6	40.2	82.0	69.9	0.00
08/20/15 16:00	5088	3.8	203.2	46.4	78.4	91.2	0.05
08/20/15 17:00	5089	2.1	195.6	93.9	74.7	90.6	0.01
08/20/15 18:00	5090	3.4	160.3	38.9	74.5	89.9	0.00
08/20/15 19:00	5091	4.4	167.6	34.5	74.8	88.9	0.00
08/20/15 20:00	5092	3.3	157.6	35.7	74.0	91.5	0.02
08/20/15 21:00	5093	3.4	170.9	74.8	73.4	94.6	0.01
08/20/15 22:00	5094	2.3	63.8	88.3	72.7	95.9	0.03
08/20/15 23:00	5095	1.5	205.5	83.7	71.3	97.3	0.00
08/21/15 00:00	5096	1.6	68.5	47.7	70.5	98.0	0.00
08/21/15 01:00	5097	1.9	19.7	44.8	69.6	98.3	0.00
08/21/15 02:00	5098	2.0	57.3	63.2	68.9	98.5	0.01
08/21/15 03:00	5099	1.5	328.1	76.0	68.3	98.1	0.00
08/21/15 04:00	5100	1.6	65.2	52.7	66.4	98.2	0.00
08/21/15 05:00	5101	2.0	48.0	47.3	64.9	98.3	0.00
08/21/15 06:00	5102	2.6	32.5	28.0	63.8	98.6	0.00
08/21/15 07:00	5103	1.9	62.4	22.2	64.3	97.5	0.00
08/21/15 08:00	5104	2.7	7.1	76.1	68.3	81.8	0.00
08/21/15 09:00	5105	4.0	273.4	49.4	70.7	65.8	0.00
08/21/15 10:00	5106	4.1	299.7	50.2	73.3	55.7	0.00
08/21/15 11:00	5107	4.4	289.1	61.8	74.4	49.7	0.00
08/21/15 12:00	5108	4.5	278.9	60.6	76.0	49.4	0.00

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08/21/15 13:00	5109	4.7	293.4	58.4	76.4	42.3	0.00
08/21/15 14:00	5110	4.7	306.9	63.9	77.5	45.7	0.00
08/21/15 15:00	5111	4.3	315.0	64.1	78.6	41.7	0.00
08/21/15 16:00	5112	4.0	318.8	57.9	79.2	43.5	0.00
08/21/15 17:00	5113	4.6	337.5	50.9	78.1	41.1	0.00
08/21/15 18:00	5114	4.8	5.4	28.5	76.4	45.7	0.00
08/21/15 19:00	5115	3.7	26.8	15.5	71.4	71.4	0.00
08/21/15 20:00	5116	2.7	81.9	22.1	66.4	79.8	0.00
08/21/15 21:00	5117	2.4	45.7	23.3	62.5	90.9	0.00
08/21/15 22:00	5118	2.6	38.8	16.8	60.2	92.8	0.00
08/21/15 23:00	5119	3.4	40.6	10.3	59.1	94.2	0.00
08/22/15 00:00	5120	3.3	53.4	12.4	58.0	94.9	0.00
08/22/15 01:00	5121	3.8	53.8	11.3	56.7	97.1	0.00
08/22/15 02:00	5122	3.7	46.1	8.9	55.2	98.6	0.00
08/22/15 03:00	5123	3.5	44.9	9.7	54.3	98.9	0.00
08/22/15 04:00	5124	3.3	44.1	14.3	53.2	99.0	0.00
08/22/15 05:00	5125	1.8	46.8	45.6	54.2	99.0	0.00
08/22/15 06:00	5126	2.5	57.8	27.7	55.1	98.6	0.00
08/22/15 07:00	5127	4.6	53.0	11.4	55.3	97.0	0.00
08/22/15 08:00	5128	4.2	62.5	15.9	56.4	88.3	0.00
08/22/15 09:00	5129	4.7	70.4	17.9	60.6	78.8	0.00
08/22/15 10:00	5130	3.5	86.0	59.4	66.3	69.3	0.00
08/22/15 11:00	5131	3.7	242.1	41.8	70.5	59.7	0.00
08/22/15 12:00	5132	5.6	334.8	88.8	73.9	46.4	0.00
08/22/15 13:00	5133	4.9	358.9	41.4	74.2	46.4	0.00
08/22/15 14:00	5134	4.5	351.9	43.4	75.0	46.4	0.00
08/22/15 15:00	5135	3.8	333.4	47.7	75.3	49.0	0.00
08/22/15 16:00	5136	3.8	316.9	58.3	75.6	54.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
08/22/15 17:00	5137	4.1	357.9	41.1	75.2	52.0	0.00
08/22/15 18:00	5138	4.6	6.8	21.8	74.1	60.3	0.00
08/22/15 19:00	5139	2.7	358.0	25.3	71.4	70.1	0.00
08/22/15 20:00	5140	1.7	171.8	98.5	66.3	84.0	0.00
08/22/15 21:00	5141	2.1	39.9	18.5	64.1	89.2	0.00
08/22/15 22:00	5142	3.8	41.5	13.2	62.2	91.7	0.00
08/22/15 23:00	5143	4.0	45.3	13.7	60.4	93.9	0.00
08/23/15 00:00	5144	3.9	47.5	17.1	59.6	95.0	0.00
08/23/15 01:00	5145	3.8	42.0	15.2	58.7	96.1	0.00
08/23/15 02:00	5146	2.4	44.8	19.2	58.4	94.9	0.00
08/23/15 03:00	5147	1.5	45.4	38.2	58.8	94.5	0.00
08/23/15 04:00	5148	2.2	47.0	25.4	58.7	95.7	0.00
08/23/15 05:00	5149	3.5	46.2	12.8	57.3	96.9	0.00
08/23/15 06:00	5150	4.2	46.6	11.6	55.9	98.1	0.00
08/23/15 07:00	5151	5.6	60.7	9.9	55.4	98.7	0.00
08/23/15 08:00	5152	5.4	49.3	15.5	57.9	91.1	0.00
08/23/15 09:00	5153	3.6	58.3	47.3	64.6	73.1	0.00
08/23/15 10:00	5154	3.6	85.6	29.9	69.2	64.5	0.00
08/23/15 11:00	5155	2.4	132.3	85.5	73.8	51.4	0.00
08/23/15 12:00	5156	3.3	216.6	38.7	76.8	52.4	0.00
08/23/15 13:00	5157	2.8	204.7	65.2	77.6	47.3	0.00
08/23/15 14:00	5158	2.8	172.0	45.3	78.6	49.3	0.00
08/23/15 15:00	5159	3.7	227.4	51.3	79.7	45.3	0.00
08/23/15 16:00	5160	3.6	186.8	51.0	80.3	48.1	0.00
08/23/15 17:00	5161	3.6	182.7	39.2	79.9	51.3	0.00
08/23/15 18:00	5162	2.6	183.7	38.7	79.7	47.0	0.00
08/23/15 19:00	5163	1.8	140.8	72.0	73.3	75.5	0.00
08/23/15 20:00	5164	1.3	119.4	65.0	66.8	87.8	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
08/23/15 21:00	5165	2.3	42.4	25.3	63.8	91.2	0.00
08/23/15 22:00	5166	3.2	61.7	14.8	62.8	91.9	0.00
08/23/15 23:00	5167	3.7	72.2	13.8	61.5	93.1	0.00
08/24/15 00:00	5168	2.7	64.0	15.2	60.1	95.1	0.00
08/24/15 01:00	5169	2.5	67.5	16.7	58.7	95.3	0.00
08/24/15 02:00	5170	3.3	53.7	16.9	57.6	97.7	0.00
08/24/15 03:00	5171	3.7	55.0	10.7	56.9	97.7	0.00
08/24/15 04:00	5172	4.2	50.1	13.4	56.6	96.9	0.00
08/24/15 05:00	5173	5.0	59.2	12.7	56.0	95.7	0.00
08/24/15 06:00	5174	3.6	63.7	14.8	56.2	94.1	0.00
08/24/15 07:00	5175	3.2	70.7	18.2	57.2	88.1	0.00
08/24/15 08:00	5176	2.8	82.7	29.3	62.0	79.6	0.00
08/24/15 09:00	5177	2.4	31.3	80.6	68.9	64.1	0.00
08/24/15 10:00	5178	3.6	171.5	55.1	77.5	60.4	0.00
08/24/15 11:00	5179	4.1	173.7	39.2	80.3	58.5	0.00
08/24/15 12:00	5180	4.5	172.6	36.5	82.6	55.4	0.00
08/24/15 13:00	5181	5.5	192.5	41.1	84.2	53.3	0.00
08/24/15 14:00	5182	5.5	204.6	35.8	84.5	57.9	0.00
08/24/15 15:00	5183	5.0	215.4	33.1	84.3	54.3	0.00
08/24/15 16:00	5184	4.8	215.9	29.5	84.7	55.3	0.00
08/24/15 17:00	5185	3.0	208.2	36.2	84.1	53.7	0.00
08/24/15 18:00	5186	3.4	207.2	28.2	83.0	60.2	0.00
08/24/15 19:00	5187	1.9	188.1	28.6	77.3	78.4	0.00
08/24/15 20:00	5188	1.5	190.7	43.9	73.3	88.1	0.00
08/24/15 21:00	5189	2.0	223.5	41.4	71.9	86.3	0.00
08/24/15 22:00	5190	2.4	68.1	87.2	71.8	90.7	0.00
08/24/15 23:00	5191	1.7	208.7	78.0	70.8	72.1	0.00
08/25/15 00:00	5192	2.4	281.5	57.9	71.7	75.2	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
08/25/15 01:00	5193	1.9	292.7	88.1	70.0	78.1	0.00
08/25/15 02:00	5194	1.5	8.0	74.4	68.6	84.5	0.00
08/25/15 03:00	5195	1.3	55.2	80.5	65.2	94.0	0.00
08/25/15 04:00	5196	1.6	12.7	64.3	62.4	96.7	0.00
08/25/15 05:00	5197	1.6	175.2	81.5	61.3	96.1	0.00
08/25/15 06:00	5198	2.3	33.2	55.2	61.6	94.7	0.00
08/25/15 07:00	5199	1.3	27.5	51.2	63.2	78.2	0.00
08/25/15 08:00	5200	1.7	128.6	71.5	69.3	68.8	0.00
08/25/15 09:00	5201	2.5	194.2	65.1	72.1	64.5	0.00
08/25/15 10:00	5202	3.6	288.6	63.3	73.7	49.3	0.00
08/25/15 11:00	5203	3.3	329.8	65.6	74.7	49.3	0.00
08/25/15 12:00	5204	3.5	246.0	49.7	77.5	42.6	0.00
08/25/15 13:00	5205	3.8	315.2	70.0	77.8	42.1	0.00
08/25/15 14:00	5206	3.2	314.2	71.4	77.8	41.9	0.00
08/25/15 15:00	5207	3.7	273.1	52.3	78.9	38.5	0.00
08/25/15 16:00	5208	3.3	294.5	67.3	78.9	36.0	0.00
08/25/15 17:00	5209	4.4	285.4	48.5	79.0	37.1	0.00
08/25/15 18:00	5210	3.5	239.0	30.5	76.6	47.8	0.00
08/25/15 19:00	5211	2.2	232.8	69.4	70.9	52.7	0.00
08/25/15 20:00	5212	2.0	353.7	93.3	67.1	74.0	0.00
08/25/15 21:00	5213	2.7	58.6	24.6	63.5	77.4	0.00
08/25/15 22:00	5214	3.2	53.1	34.5	61.3	87.5	0.00
08/25/15 23:00	5215	3.0	28.1	16.8	59.1	92.2	0.00
08/26/15 00:00	5216	3.1	33.9	19.9	58.0	93.1	0.00
08/26/15 01:00	5217	2.5	41.1	18.9	58.0	94.5	0.00
08/26/15 02:00	5218	2.3	29.7	18.9	57.0	95.5	0.00
08/26/15 03:00	5219	3.1	46.0	12.2	56.9	94.3	0.00
08/26/15 04:00	5220	4.1	54.0	13.2	56.4	94.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
08/26/15 05:00	5221	4.0	51.3	9.9	55.3	95.5	0.00
08/26/15 06:00	5222	4.3	51.8	12.3	53.8	95.4	0.00
08/26/15 07:00	5223	4.1	59.4	12.0	53.8	95.6	0.00
08/26/15 08:00	5224	2.6	76.2	29.5	55.9	84.6	0.00
08/26/15 09:00	5225	2.1	152.6	72.1	64.1	69.6	0.00
08/26/15 10:00	5226	3.7	245.7	53.9	68.1	53.3	0.00
08/26/15 11:00	5227	3.3	234.1	83.7	71.2	49.3	0.00
08/26/15 12:00	5228	4.0	329.1	61.2	73.5	52.2	0.00
08/26/15 13:00	5229	3.8	286.6	58.4	74.1	50.3	0.00
08/26/15 14:00	5230	4.1	262.3	44.0	73.5	52.7	0.00
08/26/15 15:00	5231	3.7	266.2	40.2	71.2	59.0	0.00
08/26/15 16:00	5232	3.5	247.1	36.8	72.2	55.8	0.00
08/26/15 17:00	5233	2.4	322.7	60.0	71.3	57.8	0.00
08/26/15 18:00	5234	2.5	249.3	42.5	69.5	63.9	0.00
08/26/15 19:00	5235	2.5	253.6	26.6	68.2	65.6	0.00
08/26/15 20:00	5236	1.7	59.3	56.1	65.8	80.7	0.00
08/26/15 21:00	5237	1.4	28.4	38.8	61.8	89.2	0.00
08/26/15 22:00	5238	1.2	265.0	99.5	61.2	89.1	0.00
08/26/15 23:00	5239	1.2	270.0	91.5	61.4	90.2	0.00
08/27/15 00:00	5240	1.2	184.5	35.1	61.0	88.7	0.00
08/27/15 01:00	5241	1.1	151.4	65.9	60.8	91.4	0.00
08/27/15 02:00	5242	1.2	63.5	75.4	60.4	89.7	0.00
08/27/15 03:00	5243	1.6	264.5	59.1	61.7	78.8	0.00
08/27/15 04:00	5244	1.8	33.9	64.7	60.8	92.2	0.00
08/27/15 05:00	5245	2.1	37.0	32.6	57.6	93.8	0.00
08/27/15 06:00	5246	1.5	44.2	62.5	56.8	95.4	0.00
08/27/15 07:00	5247	2.5	54.4	36.9	59.4	77.4	0.00
08/27/15 08:00	5248	3.2	284.3	65.5	64.2	70.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
08/27/15 09:00	5249	4.0	292.3	56.0	66.0	63.9	0.00
08/27/15 10:00	5250	4.1	298.9	62.0	67.3	58.5	0.00
08/27/15 11:00	5251	5.2	270.8	47.0	68.8	53.5	0.00
08/27/15 12:00	5252	5.1	270.7	45.0	70.0	57.8	0.00
08/27/15 13:00	5253	4.1	272.3	47.5	69.6	59.3	0.00
08/27/15 14:00	5254	4.3	275.7	44.6	70.4	55.7	0.00
08/27/15 15:00	5255	3.4	292.0	62.2	71.2	55.6	0.00
08/27/15 16:00	5256	4.2	251.7	38.3	72.4	52.9	0.00
08/27/15 17:00	5257	3.4	273.2	42.8	71.4	53.3	0.00
08/27/15 18:00	5258	2.8	318.6	51.4	70.2	56.9	0.00
08/27/15 19:00	5259	1.6	329.0	43.7	67.8	74.0	0.00
08/27/15 20:00	5260	1.8	42.4	19.0	63.2	82.9	0.00
08/27/15 21:00	5261	1.1	50.9	45.2	62.0	80.6	0.00
08/27/15 22:00	5262	1.8	60.1	54.4	61.9	84.3	0.00
08/27/15 23:00	5263	2.9	46.0	13.1	60.8	90.8	0.00
08/28/15 00:00	5264	3.7	43.5	10.6	58.7	91.3	0.00
08/28/15 01:00	5265	3.5	58.0	15.7	57.3	94.0	0.00
08/28/15 02:00	5266	3.4	56.4	16.7	55.6	94.7	0.00
08/28/15 03:00	5267	3.2	58.3	14.5	54.5	97.2	0.00
08/28/15 04:00	5268	3.8	54.3	11.2	53.7	97.3	0.00
08/28/15 05:00	5269	3.9	62.8	11.9	53.8	97.9	0.00
08/28/15 06:00	5270	3.3	63.8	19.2	53.7	98.3	0.00
08/28/15 07:00	5271	4.1	64.2	11.4	53.8	98.2	0.00
08/28/15 08:00	5272	3.5	74.0	19.4	54.7	95.1	0.00
08/28/15 09:00	5273	2.3	74.4	41.9	58.0	82.4	0.00
08/28/15 10:00	5274	3.0	188.3	90.5	65.0	68.4	0.00
08/28/15 11:00	5275	3.4	261.7	67.3	69.2	54.3	0.00
08/28/15 12:00	5276	3.6	302.1	77.2	70.6	52.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
08/28/15 13:00	5277	3.7	340.1	73.6	72.1	49.4	0.00
08/28/15 14:00	5278	4.1	209.0	55.5	74.9	46.2	0.00
08/28/15 15:00	5279	3.7	307.3	76.6	75.8	42.4	0.00
08/28/15 16:00	5280	3.3	353.9	71.4	76.9	42.4	0.00
08/28/15 17:00	5281	3.2	1.1	57.1	76.0	42.9	0.00
08/28/15 18:00	5282	3.7	8.7	36.8	75.5	49.7	0.00
08/28/15 19:00	5283	2.4	31.0	60.6	70.5	75.2	0.00
08/28/15 20:00	5284	1.6	122.1	71.9	64.6	79.4	0.00
08/28/15 21:00	5285	3.1	69.5	22.2	61.8	84.4	0.00
08/28/15 22:00	5286	2.6	54.2	21.3	59.0	90.8	0.00
08/28/15 23:00	5287	2.7	45.7	21.7	56.8	92.9	0.00
08/29/15 00:00	5288	2.6	68.0	21.7	56.1	93.4	0.00
08/29/15 01:00	5289	2.6	55.5	15.6	54.6	95.1	0.00
08/29/15 02:00	5290	3.1	64.5	12.8	53.9	95.2	0.00
08/29/15 03:00	5291	3.2	61.5	12.9	53.3	96.3	0.00
08/29/15 04:00	5292	2.9	51.5	13.4	53.0	97.4	0.00
08/29/15 05:00	5293	3.3	27.3	13.5	52.4	98.2	0.00
08/29/15 06:00	5294	3.6	36.1	14.2	51.7	98.3	0.00
08/29/15 07:00	5295	3.3	41.9	20.8	51.5	98.3	0.00
08/29/15 08:00	5296	2.5	70.1	18.7	52.3	97.4	0.00
08/29/15 09:00	5297	1.8	50.0	73.0	58.7	76.9	0.00
08/29/15 10:00	5298	2.5	47.1	67.2	66.7	65.9	0.00
08/29/15 11:00	5299	2.7	234.8	80.2	76.9	52.1	0.00
08/29/15 12:00	5300	4.6	186.5	41.4	81.3	50.0	0.00
08/29/15 13:00	5301	4.8	195.7	41.0	82.7	47.3	0.00
08/29/15 14:00	5302	5.3	218.2	34.8	82.9	44.2	0.00
08/29/15 15:00	5303	5.1	206.2	33.8	84.0	42.3	0.00
08/29/15 16:00	5304	5.2	216.7	37.7	84.5	39.3	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
08/29/15 17:00	5305	4.3	224.7	32.1	83.4	42.4	0.00
08/29/15 18:00	5306	3.1	222.5	30.1	81.6	51.0	0.00
08/29/15 19:00	5307	2.3	193.5	30.8	74.2	72.3	0.00
08/29/15 20:00	5308	1.8	116.6	95.8	68.6	82.8	0.00
08/29/15 21:00	5309	1.5	50.7	68.4	64.4	87.9	0.00
08/29/15 22:00	5310	1.9	34.0	20.6	62.8	91.1	0.00
08/29/15 23:00	5311	2.6	59.4	21.8	62.5	91.8	0.00
08/30/15 00:00	5312	1.9	86.0	34.6	61.0	94.8	0.00
08/30/15 01:00	5313	2.4	52.7	28.2	60.4	94.8	0.00
08/30/15 02:00	5314	2.8	62.2	16.8	59.7	94.9	0.00
08/30/15 03:00	5315	2.3	69.5	30.2	58.8	95.7	0.00
08/30/15 04:00	5316	2.5	69.4	24.6	58.2	95.7	0.00
08/30/15 05:00	5317	2.4	63.0	13.4	58.4	93.9	0.00
08/30/15 06:00	5318	2.8	55.8	16.7	58.7	94.1	0.00
08/30/15 07:00	5319	2.9	34.4	36.6	59.5	91.5	0.00
08/30/15 08:00	5320	2.3	67.8	29.2	61.8	85.0	0.00
08/30/15 09:00	5321	2.1	62.2	55.2	67.5	68.5	0.00
08/30/15 10:00	5322	2.1	241.9	60.4	73.0	70.2	0.00
08/30/15 11:00	5323	2.0	6.5	80.5	78.9	56.9	0.00
08/30/15 12:00	5324	2.5	214.9	51.9	82.7	53.7	0.00
08/30/15 13:00	5325	2.7	188.3	64.5	84.6	51.6	0.00
08/30/15 14:00	5326	3.7	154.6	38.6	83.9	60.5	0.00
08/30/15 15:00	5327	3.2	127.7	46.1	83.3	58.1	0.00
08/30/15 16:00	5328	2.2	162.3	77.8	82.5	70.3	0.00
08/30/15 17:00	5329	2.5	77.4	85.5	82.8	57.3	0.00
08/30/15 18:00	5330	4.2	60.6	14.0	80.3	77.8	0.00
08/30/15 19:00	5331	3.5	58.1	13.6	76.4	88.6	0.00
08/30/15 20:00	5332	2.6	52.7	39.3	73.7	91.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
08/30/15 21:00	5333	2.6	37.9	38.9	72.5	92.6	0.00
08/30/15 22:00	5334	1.9	90.9	83.3	70.9	91.7	0.00
08/30/15 23:00	5335	2.0	53.5	43.3	70.0	94.9	0.00
08/31/15 00:00	5336	1.2	74.9	89.9	68.0	96.3	0.00
08/31/15 01:00	5337	1.3	85.7	86.2	66.9	96.9	0.00
08/31/15 02:00	5338	1.7	47.9	35.8	66.0	97.2	0.00
08/31/15 03:00	5339	1.9	37.8	29.0	65.3	97.9	0.00
08/31/15 04:00	5340	2.7	63.6	15.7	65.6	98.5	0.00
08/31/15 05:00	5341	1.6	88.3	45.2	65.5	98.7	0.00
08/31/15 06:00	5342	1.1	206.1	42.4	65.0	98.7	0.00
08/31/15 07:00	5343	1.7	95.1	32.5	65.1	98.7	0.00
08/31/15 08:00	5344	1.3	248.1	85.3	65.8	98.4	0.00
08/31/15 09:00	5345	2.5	55.7	30.4	67.5	86.5	0.00
08/31/15 10:00	5346	2.7	70.9	46.5	75.1	67.6	0.00
08/31/15 11:00	5347	3.0	224.6	73.8	82.5	60.5	0.00
08/31/15 12:00	5348	4.2	311.8	67.4	84.4	55.9	0.00
08/31/15 13:00	5349	4.3	262.0	56.2	85.7	52.9	0.00
08/31/15 14:00	5350	4.6	253.2	41.8	86.4	49.9	0.00
08/31/15 15:00	5351	4.8	246.4	31.7	87.9	44.8	0.00
08/31/15 16:00	5352	2.9	272.4	62.7	86.6	50.2	0.00
08/31/15 17:00	5353	3.4	239.8	42.2	87.7	48.7	0.00
08/31/15 18:00	5354	2.2	217.9	60.9	85.9	64.1	0.00
08/31/15 19:00	5355	1.5	72.6	81.8	78.3	71.2	0.00
08/31/15 20:00	5356	1.5	85.5	83.9	74.5	83.9	0.00
08/31/15 21:00	5357	2.4	41.6	17.7	72.0	84.2	0.00
08/31/15 22:00	5358	3.5	49.1	11.6	71.9	86.5	0.00
08/31/15 23:00	5359	4.1	51.9	14.0	70.7	87.9	0.00
09/01/15 00:00	5360	4.9	45.7	12.6	69.2	92.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/01/15 01:00	5361	4.4	55.1	19.5	67.8	94.3	0.00
09/01/15 02:00	5362	4.7	48.3	12.4	66.3	95.0	0.00
09/01/15 03:00	5363	4.3	44.6	16.8	65.0	96.0	0.00
09/01/15 04:00	5364	3.3	56.2	17.9	64.0	96.9	0.00
09/01/15 05:00	5365	4.5	56.0	9.5	63.1	98.2	0.00
09/01/15 06:00	5366	4.4	50.9	9.5	62.8	98.5	0.00
09/01/15 07:00	5367	3.8	53.7	10.7	62.9	98.5	0.00
09/01/15 08:00	5368	2.0	68.6	52.1	64.3	95.9	0.00
09/01/15 09:00	5369	2.2	64.3	80.7	67.5	80.1	0.00
09/01/15 10:00	5370	2.5	238.0	70.8	74.5	69.2	0.00
09/01/15 11:00	5371	2.6	212.2	38.4	79.9	59.4	0.00
09/01/15 12:00	5372	3.2	243.6	40.1	81.5	53.3	0.00
09/01/15 13:00	5373	3.5	233.1	38.0	83.8	49.3	0.00
09/01/15 14:00	5374	3.4	259.1	57.6	85.4	44.9	0.00
09/01/15 15:00	5375	2.7	200.6	65.6	87.0	42.2	0.00
09/01/15 16:00	5376	2.4	253.9	63.0	88.5	41.1	0.00
09/01/15 17:00	5377	3.9	51.1	43.1	87.0	53.6	0.00
09/01/15 18:00	5378	2.7	240.9	29.0	84.6	59.2	0.00
09/01/15 19:00	5379	1.4	146.7	79.2	77.5	82.3	0.00
09/01/15 20:00	5380	1.6	70.9	72.6	72.2	83.0	0.00
09/01/15 21:00	5381	1.8	42.1	55.7	70.1	90.7	0.00
09/01/15 22:00	5382	3.2	39.8	20.6	68.2	93.1	0.00
09/01/15 23:00	5383	1.7	57.3	32.7	66.3	95.8	0.00
09/02/15 00:00	5384	1.7	83.6	46.4	64.6	95.6	0.00
09/02/15 01:00	5385	1.7	86.8	38.2	63.8	96.3	0.00
09/02/15 02:00	5386	2.6	61.3	23.4	63.6	95.7	0.00
09/02/15 03:00	5387	2.8	67.4	13.1	63.3	97.9	0.00
09/02/15 04:00	5388	2.7	50.1	13.9	62.7	98.2	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/02/15 05:00	5389	2.9	42.8	17.2	62.3	98.6	0.00
09/02/15 06:00	5390	3.8	55.8	13.7	61.9	98.7	0.00
09/02/15 07:00	5391	2.8	58.7	14.3	62.5	98.5	0.00
09/02/15 08:00	5392	2.3	63.5	24.3	63.3	95.9	0.00
09/02/15 09:00	5393	2.3	104.0	42.5	66.7	84.9	0.00
09/02/15 10:00	5394	2.1	209.6	57.2	73.2	74.6	0.00
09/02/15 11:00	5395	3.6	227.7	48.7	79.1	60.2	0.00
09/02/15 12:00	5396	5.0	241.8	31.6	82.3	59.5	0.00
09/02/15 13:00	5397	3.9	257.1	63.1	84.5	51.5	0.00
09/02/15 14:00	5398	4.2	288.9	61.0	85.7	52.7	0.00
09/02/15 15:00	5399	4.1	289.1	52.4	86.1	48.8	0.00
09/02/15 16:00	5400	4.0	282.5	48.6	86.9	47.9	0.00
09/02/15 17:00	5401	3.9	336.1	48.9	86.2	53.9	0.00
09/02/15 18:00	5402	3.2	3.7	19.7	84.0	62.3	0.00
09/02/15 19:00	5403	2.0	56.8	29.3	77.5	78.2	0.00
09/02/15 20:00	5404	1.4	58.2	48.1	72.8	86.9	0.00
09/02/15 21:00	5405	2.4	40.8	20.0	70.3	87.1	0.00
09/02/15 22:00	5406	1.9	46.3	21.4	68.5	92.3	0.00
09/02/15 23:00	5407	2.9	55.1	16.8	67.8	91.9	0.00
09/03/15 00:00	5408	3.4	56.7	14.7	66.9	94.2	0.00
09/03/15 01:00	5409	3.7	50.6	12.2	65.8	95.1	0.00
09/03/15 02:00	5410	3.6	59.7	12.9	65.4	94.6	0.00
09/03/15 03:00	5411	3.1	54.9	13.7	64.7	95.6	0.00
09/03/15 04:00	5412	3.5	52.4	11.7	64.0	96.2	0.00
09/03/15 05:00	5413	2.9	44.1	13.4	63.3	96.0	0.00
09/03/15 06:00	5414	3.7	54.2	10.8	63.2	95.4	0.00
09/03/15 07:00	5415	4.2	59.0	9.4	63.1	98.0	0.00
09/03/15 08:00	5416	3.4	65.1	15.3	63.9	98.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/03/15 09:00	5417	1.9	102.0	74.8	69.6	81.8	0.00
09/03/15 10:00	5418	1.9	167.8	48.8	76.0	65.8	0.00
09/03/15 11:00	5419	2.6	227.4	50.8	82.0	64.8	0.00
09/03/15 12:00	5420	2.9	194.8	74.7	84.9	57.5	0.00
09/03/15 13:00	5421	5.0	233.1	26.7	87.1	50.9	0.00
09/03/15 14:00	5422	4.2	262.3	61.7	88.2	47.6	0.00
09/03/15 15:00	5423	4.0	293.5	55.0	86.2	53.9	0.00
09/03/15 16:00	5424	4.3	255.8	39.0	86.6	69.4	0.00
09/03/15 17:00	5425	2.0	259.7	84.1	79.3	78.7	0.00
09/03/15 18:00	5426	1.8	264.4	37.3	76.9	83.0	0.00
09/03/15 19:00	5427	2.0	311.4	53.9	75.3	86.8	0.00
09/03/15 20:00	5428	1.7	256.2	53.9	73.1	93.9	0.00
09/03/15 21:00	5429	1.7	21.1	25.0	71.2	92.5	0.00
09/03/15 22:00	5430	2.8	25.7	16.5	69.9	92.8	0.00
09/03/15 23:00	5431	2.8	45.3	28.6	69.3	95.1	0.00
09/04/15 00:00	5432	2.9	32.4	14.2	67.9	96.0	0.00
09/04/15 01:00	5433	3.3	38.5	15.9	67.2	95.9	0.00
09/04/15 02:00	5434	3.3	39.0	13.2	66.3	97.0	0.00
09/04/15 03:00	5435	4.0	44.5	10.2	65.5	97.9	0.00
09/04/15 04:00	5436	4.7	51.7	13.8	65.5	98.8	0.00
09/04/15 05:00	5437	3.8	49.3	11.6	65.2	98.8	0.00
09/04/15 06:00	5438	3.9	47.3	13.1	65.4	98.5	0.00
09/04/15 07:00	5439	4.0	51.4	11.9	66.1	98.6	0.00
09/04/15 08:00	5440	4.7	64.7	14.4	67.4	94.7	0.00
09/04/15 09:00	5441	3.6	75.2	16.7	70.0	90.0	0.00
09/04/15 10:00	5442	3.0	346.5	80.8	72.9	81.1	0.00
09/04/15 11:00	5443	3.4	252.5	68.0	76.9	70.2	0.00
09/04/15 12:00	5444	3.3	234.7	44.8	81.9	62.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/04/15 13:00	5445	3.6	71.2	73.9	84.6	57.0	0.00
09/04/15 14:00	5446	6.1	61.9	35.4	85.9	52.9	0.00
09/04/15 15:00	5447	6.4	63.4	29.9	86.9	49.2	0.00
09/04/15 16:00	5448	4.9	156.4	68.4	87.7	50.5	0.00
09/04/15 17:00	5449	4.1	153.5	70.9	85.8	55.4	0.00
09/04/15 18:00	5450	5.0	73.8	44.9	83.2	61.6	0.00
09/04/15 19:00	5451	5.3	55.8	19.5	80.0	68.0	0.00
09/04/15 20:00	5452	3.6	74.3	33.7	77.6	74.2	0.00
09/04/15 21:00	5453	2.3	41.6	50.8	74.9	82.4	0.00
09/04/15 22:00	5454	1.8	237.2	86.3	73.5	82.3	0.00
09/04/15 23:00	5455	3.5	138.6	57.9	73.7	80.2	0.00
09/05/15 00:00	5456	4.2	147.4	38.9	72.7	78.5	0.00
09/05/15 01:00	5457	2.3	170.5	61.0	71.6	86.0	0.00
09/05/15 02:00	5458	2.2	188.8	62.8	70.0	84.2	0.00
09/05/15 03:00	5459	1.7	38.9	80.1	68.4	92.6	0.00
09/05/15 04:00	5460	1.9	61.8	50.4	66.6	94.3	0.00
09/05/15 05:00	5461	4.5	124.7	37.2	67.7	85.2	0.00
09/05/15 06:00	5462	4.6	109.9	38.7	67.2	83.2	0.00
09/05/15 07:00	5463	3.7	133.2	37.1	67.5	80.9	0.00
09/05/15 08:00	5464	2.3	154.8	63.8	69.0	72.7	0.00
09/05/15 09:00	5465	3.2	166.7	60.0	71.9	68.9	0.00
09/05/15 10:00	5466	3.3	194.1	57.9	74.7	58.1	0.00
09/05/15 11:00	5467	3.6	178.8	61.2	77.1	56.5	0.00
09/05/15 12:00	5468	3.2	198.1	90.1	79.3	57.8	0.00
09/05/15 13:00	5469	3.8	197.4	56.7	81.5	47.5	0.00
09/05/15 14:00	5470	4.0	183.5	57.4	83.5	46.8	0.00
09/05/15 15:00	5471	4.1	190.5	50.9	84.7	48.1	0.00
09/05/15 16:00	5472	4.9	166.6	30.1	85.4	47.3	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/05/15 17:00	5473	3.7	168.3	33.4	85.1	46.4	0.00
09/05/15 18:00	5474	1.9	194.2	45.9	81.8	67.0	0.00
09/05/15 19:00	5475	1.4	46.3	26.5	74.2	80.6	0.00
09/05/15 20:00	5476	1.4	145.2	94.7	71.2	84.2	0.00
09/05/15 21:00	5477	1.9	37.3	43.5	70.3	88.4	0.00
09/05/15 22:00	5478	1.3	62.1	67.8	67.3	90.8	0.00
09/05/15 23:00	5479	1.4	84.5	68.0	66.4	93.5	0.00
09/06/15 00:00	5480	1.9	1.1	38.3	65.0	95.6	0.00
09/06/15 01:00	5481	1.9	358.9	70.6	64.3	93.6	0.00
09/06/15 02:00	5482	1.6	282.4	97.6	63.5	92.6	0.00
09/06/15 03:00	5483	1.9	342.5	73.6	62.5	92.5	0.00
09/06/15 04:00	5484	2.5	28.0	41.4	61.1	93.2	0.00
09/06/15 05:00	5485	3.4	56.6	19.3	60.7	92.1	0.00
09/06/15 06:00	5486	3.7	55.0	12.7	59.8	94.5	0.00
09/06/15 07:00	5487	3.9	56.7	9.9	59.8	88.3	0.00
09/06/15 08:00	5488	3.4	75.8	16.5	63.6	74.6	0.00
09/06/15 09:00	5489	1.9	225.2	100.5	70.5	65.4	0.00
09/06/15 10:00	5490	2.1	178.5	78.1	75.0	58.9	0.00
09/06/15 11:00	5491	2.8	246.9	47.5	78.4	52.0	0.00
09/06/15 12:00	5492	2.4	211.3	65.7	84.2	46.6	0.00
09/06/15 13:00	5493	3.5	186.7	62.0	85.3	41.9	0.00
09/06/15 14:00	5494	4.6	179.7	38.6	85.8	43.3	0.00
09/06/15 15:00	5495	4.1	163.6	38.2	85.9	39.1	0.00
09/06/15 16:00	5496	4.7	183.7	33.9	87.2	40.3	0.00
09/06/15 17:00	5497	4.2	215.6	39.6	86.4	44.2	0.00
09/06/15 18:00	5498	3.0	195.4	31.0	84.1	50.3	0.00
09/06/15 19:00	5499	1.8	39.4	69.0	76.9	72.2	0.00
09/06/15 20:00	5500	2.0	5.8	65.4	71.0	77.9	0.00

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09/06/15 21:00	5501	1.7	350.9	65.8	68.2	81.2	0.00
09/06/15 22:00	5502	1.5	358.9	83.4	66.7	87.2	0.00
09/06/15 23:00	5503	2.6	24.4	50.7	65.7	89.3	0.00
09/07/15 00:00	5504	3.9	35.0	31.8	65.5	90.3	0.00
09/07/15 01:00	5505	4.0	48.6	29.7	64.9	88.2	0.00
09/07/15 02:00	5506	4.0	59.0	15.9	64.3	91.6	0.00
09/07/15 03:00	5507	3.8	52.3	14.5	63.1	92.6	0.00
09/07/15 04:00	5508	3.7	55.7	17.8	62.4	93.1	0.00
09/07/15 05:00	5509	3.5	53.4	16.0	61.8	93.2	0.00
09/07/15 06:00	5510	3.3	56.1	17.2	61.3	94.6	0.00
09/07/15 07:00	5511	3.2	58.8	13.0	61.8	88.0	0.00
09/07/15 08:00	5512	2.2	69.7	33.1	66.2	80.5	0.00
09/07/15 09:00	5513	2.7	51.7	49.4	71.0	66.3	0.00
09/07/15 10:00	5514	2.1	56.8	79.6	77.3	54.8	0.00
09/07/15 11:00	5515	2.3	259.3	68.3	82.6	49.8	0.00
09/07/15 12:00	5516	2.9	208.4	54.0	87.0	46.6	0.00
09/07/15 13:00	5517	3.8	168.9	53.0	89.6	46.5	0.00
09/07/15 14:00	5518	3.6	202.4	68.0	90.6	42.5	0.00
09/07/15 15:00	5519	3.4	225.7	44.5	91.4	40.3	0.00
09/07/15 16:00	5520	3.1	173.7	39.8	92.5	41.1	0.00
09/07/15 17:00	5521	3.4	226.5	44.4	90.9	43.5	0.00
09/07/15 18:00	5522	3.7	223.3	29.9	88.5	51.5	0.00
09/07/15 19:00	5523	2.5	191.8	22.5	82.4	67.1	0.00
09/07/15 20:00	5524	2.2	31.8	29.4	76.7	78.0	0.00
09/07/15 21:00	5525	2.7	42.2	24.2	73.8	82.3	0.00
09/07/15 22:00	5526	2.2	38.0	36.3	71.8	87.7	0.00
09/07/15 23:00	5527	3.2	28.9	21.9	70.5	88.1	0.00
09/08/15 00:00	5528	4.0	36.4	11.5	69.9	89.6	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/08/15 01:00	5529	5.2	59.0	18.9	69.9	87.3	0.00
09/08/15 02:00	5530	5.1	71.8	12.7	69.3	91.0	0.00
09/08/15 03:00	5531	4.5	66.0	11.1	67.7	91.9	0.00
09/08/15 04:00	5532	4.1	63.4	11.9	66.7	94.5	0.00
09/08/15 05:00	5533	3.6	69.9	11.4	66.0	94.1	0.00
09/08/15 06:00	5534	3.5	64.2	9.1	65.1	95.0	0.00
09/08/15 07:00	5535	3.1	67.0	12.8	65.4	90.6	0.00
09/08/15 08:00	5536	2.6	94.6	31.5	68.8	77.0	0.00
09/08/15 09:00	5537	1.9	108.6	40.9	74.7	71.0	0.00
09/08/15 10:00	5538	1.9	2.2	82.8	80.1	60.4	0.00
09/08/15 11:00	5539	2.1	225.0	93.8	86.3	50.0	0.00
09/08/15 12:00	5540	2.2	182.4	80.5	88.3	59.0	0.00
09/08/15 13:00	5541	2.8	89.4	82.3	90.1	39.6	0.00
09/08/15 14:00	5542	4.1	215.7	53.2	92.7	35.7	0.00
09/08/15 15:00	5543	5.9	213.1	34.8	93.1	35.5	0.00
09/08/15 16:00	5544	4.4	195.6	28.9	92.5	34.3	0.00
09/08/15 17:00	5545	4.6	201.5	26.9	92.2	36.1	0.00
09/08/15 18:00	5546	2.4	204.4	20.1	87.2	58.8	0.00
09/08/15 19:00	5547	2.5	208.9	30.8	80.0	53.1	0.00
09/08/15 20:00	5548	2.3	223.5	29.3	78.3	72.3	0.00
09/08/15 21:00	5549	2.6	43.2	53.6	75.6	73.6	0.00
09/08/15 22:00	5550	3.9	34.8	30.1	73.4	80.2	0.00
09/08/15 23:00	5551	4.4	66.3	28.5	75.3	65.1	0.00
09/09/15 00:00	5552	4.1	90.3	23.3	78.2	70.8	0.00
09/09/15 01:00	5553	3.1	52.9	39.3	73.9	86.1	0.00
09/09/15 02:00	5554	3.4	49.9	16.8	70.1	90.0	0.00
09/09/15 03:00	5555	2.6	25.2	42.3	67.9	91.4	0.00
09/09/15 04:00	5556	3.2	326.4	87.8	69.4	89.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/09/15 05:00	5557	3.2	114.5	99.4	70.4	82.3	0.00
09/09/15 06:00	5558	3.4	43.9	92.3	71.2	89.2	0.00
09/09/15 07:00	5559	2.9	51.9	44.2	70.2	83.6	0.00
09/09/15 08:00	5560	2.5	45.8	84.9	75.7	75.1	0.00
09/09/15 09:00	5561	3.4	167.7	44.2	77.7	76.3	0.00
09/09/15 10:00	5562	3.4	167.3	40.8	79.3	72.0	0.00
09/09/15 11:00	5563	5.2	148.4	23.4	81.4	66.4	0.00
09/09/15 12:00	5564	4.4	145.7	30.1	84.3	57.3	0.00
09/09/15 13:00	5565	3.3	168.0	44.2	87.0	62.3	0.00
09/09/15 14:00	5566	4.4	185.2	36.4	89.4	44.6	0.00
09/09/15 15:00	5567	4.4	209.6	36.0	91.1	38.5	0.00
09/09/15 16:00	5568	5.8	211.4	35.1	91.1	42.2	0.00
09/09/15 17:00	5569	5.0	266.6	62.7	85.9	57.8	0.00
09/09/15 18:00	5570	4.2	343.1	57.6	78.6	67.7	0.00
09/09/15 19:00	5571	3.5	359.1	32.4	75.6	74.5	0.00
09/09/15 20:00	5572	3.2	330.6	60.8	71.6	91.1	0.02
09/09/15 21:00	5573	2.6	262.6	53.2	68.5	97.0	0.38
09/09/15 22:00	5574	2.1	206.1	54.9	66.8	97.5	0.14
09/09/15 23:00	5575	1.6	199.1	57.0	66.7	97.3	0.02
09/10/15 00:00	5576	1.1	308.7	55.7	66.6	97.6	0.01
09/10/15 01:00	5577	2.2	161.3	92.0	66.5	96.8	0.01
09/10/15 02:00	5578	1.3	327.6	87.8	66.5	97.1	0.00
09/10/15 03:00	5579	1.2	189.9	84.5	66.5	97.3	0.00
09/10/15 04:00	5580	1.6	244.0	89.8	66.6	96.6	0.00
09/10/15 05:00	5581	1.9	236.3	50.1	66.6	96.1	0.00
09/10/15 06:00	5582	1.5	14.1	82.2	66.8	95.7	0.00
09/10/15 07:00	5583	2.2	357.2	51.9	66.6	93.8	0.00
09/10/15 08:00	5584	2.9	16.1	18.9	67.1	92.4	0.01

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/10/15 09:00	5585	2.4	315.9	48.2	67.8	86.6	0.00
09/10/15 10:00	5586	2.4	337.6	76.2	67.2	85.7	0.00
09/10/15 11:00	5587	2.6	305.9	64.9	66.7	81.5	0.00
09/10/15 12:00	5588	2.6	286.3	58.9	65.9	82.2	0.00
09/10/15 13:00	5589	2.4	292.2	64.2	64.3	90.2	0.00
09/10/15 14:00	5590	2.3	338.2	68.6	63.9	95.1	0.09
09/10/15 15:00	5591	2.5	298.0	74.4	63.2	96.4	0.24
09/10/15 16:00	5592	1.7	283.9	64.3	62.7	97.1	0.31
09/10/15 17:00	5593	2.3	247.1	44.8	63.0	95.8	0.03
09/10/15 18:00	5594	2.3	240.7	37.1	63.5	95.4	0.00
09/10/15 19:00	5595	2.0	1.8	78.2	63.6	94.8	0.00
09/10/15 20:00	5596	2.2	281.6	71.9	63.0	95.0	0.00
09/10/15 21:00	5597	2.3	249.5	65.8	62.3	95.8	0.01
09/10/15 22:00	5598	1.8	72.9	84.7	62.1	96.6	0.06
09/10/15 23:00	5599	1.7	175.9	84.5	61.6	96.9	0.02
09/11/15 00:00	5600	1.4	126.0	100.4	61.6	97.0	0.02
09/11/15 01:00	5601	1.7	137.7	39.8	61.8	97.4	0.02
09/11/15 02:00	5602	1.2	145.0	72.8	61.9	97.4	0.01
09/11/15 03:00	5603	2.0	203.6	61.2	61.9	96.1	0.00
09/11/15 04:00	5604	1.6	105.6	91.1	61.6	96.0	0.00
09/11/15 05:00	5605	1.5	142.0	78.5	61.1	95.7	0.00
09/11/15 06:00	5606	1.8	145.0	62.5	60.9	95.5	0.00
09/11/15 07:00	5607	1.8	273.1	90.6	60.8	94.3	0.00
09/11/15 08:00	5608	2.3	278.8	50.1	61.4	91.7	0.00
09/11/15 09:00	5609	2.5	271.9	43.6	62.8	89.9	0.00
09/11/15 10:00	5610	3.1	250.3	56.1	65.0	82.9	0.01
09/11/15 11:00	5611	4.4	240.0	38.9	68.5	75.9	0.00
09/11/15 12:00	5612	5.3	233.8	32.8	72.2	63.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/11/15 13:00	5613	5.4	247.2	33.2	74.9	53.2	0.00
09/11/15 14:00	5614	5.1	244.4	34.5	77.0	50.8	0.00
09/11/15 15:00	5615	5.3	255.3	43.7	78.3	47.4	0.00
09/11/15 16:00	5616	4.5	283.7	54.2	79.1	46.0	0.00
09/11/15 17:00	5617	3.0	266.0	45.6	79.0	48.2	0.00
09/11/15 18:00	5618	2.2	281.7	48.8	76.4	63.4	0.00
09/11/15 19:00	5619	1.9	43.5	21.5	67.9	83.2	0.00
09/11/15 20:00	5620	2.0	39.8	35.0	63.3	87.1	0.00
09/11/15 21:00	5621	2.8	45.7	21.0	61.2	92.1	0.00
09/11/15 22:00	5622	2.7	43.7	12.5	59.7	94.4	0.00
09/11/15 23:00	5623	3.8	48.9	13.8	58.9	95.6	0.00
09/12/15 00:00	5624	4.0	46.9	11.6	57.7	96.5	0.00
09/12/15 01:00	5625	3.4	48.5	10.7	56.8	97.7	0.00
09/12/15 02:00	5626	3.7	54.8	11.6	56.1	98.7	0.00
09/12/15 03:00	5627	3.1	57.4	13.7	56.0	99.0	0.00
09/12/15 04:00	5628	2.9	52.4	21.2	55.9	99.0	0.00
09/12/15 05:00	5629	3.2	42.5	14.5	55.5	99.2	0.00
09/12/15 06:00	5630	3.2	47.3	14.9	55.0	99.2	0.00
09/12/15 07:00	5631	3.9	52.0	14.5	54.7	99.1	0.00
09/12/15 08:00	5632	3.8	49.1	18.0	55.0	98.6	0.00
09/12/15 09:00	5633	2.7	69.8	26.2	57.3	92.2	0.00
09/12/15 10:00	5634	1.5	166.9	98.0	61.5	84.6	0.00
09/12/15 11:00	5635	1.5	196.3	75.7	65.0	82.0	0.00
09/12/15 12:00	5636	1.5	182.7	35.9	67.5	78.7	0.00
09/12/15 13:00	5637	1.8	176.8	42.9	69.4	77.9	0.00
09/12/15 14:00	5638	2.6	157.6	56.4	69.2	86.9	0.01
09/12/15 15:00	5639	1.9	304.2	85.0	67.9	91.2	0.04
09/12/15 16:00	5640	2.4	283.5	65.6	66.8	93.0	0.02

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09/12/15 17:00	5641	1.9	52.9	95.7	65.2	93.8	0.03
09/12/15 18:00	5642	1.3	188.8	82.8	64.4	96.2	0.00
09/12/15 19:00	5643	1.6	90.8	56.8	63.9	97.2	0.00
09/12/15 20:00	5644	1.2	175.7	44.8	63.1	97.6	0.00
09/12/15 21:00	5645	0.8	148.9	30.7	63.0	97.6	0.00
09/12/15 22:00	5646	1.2	177.6	32.6	62.9	97.8	0.10
09/12/15 23:00	5647	1.3	175.4	25.4	62.8	97.9	0.00
09/13/15 00:00	5648	1.5	216.2	66.9	62.8	97.8	0.01
09/13/15 01:00	5649	1.1	264.0	91.8	62.8	97.8	0.00
09/13/15 02:00	5650	1.1	215.1	85.8	62.7	98.1	0.00
09/13/15 03:00	5651	1.4	160.1	54.5	62.0	98.3	0.00
09/13/15 04:00	5652	1.7	65.9	55.4	61.6	98.5	0.00
09/13/15 05:00	5653	1.4	37.4	73.5	60.9	98.5	0.00
09/13/15 06:00	5654	1.9	254.7	69.6	60.4	98.5	0.00
09/13/15 07:00	5655	3.1	248.7	64.2	60.1	90.9	0.00
09/13/15 08:00	5656	3.9	258.2	45.1	58.9	88.3	0.00
09/13/15 09:00	5657	3.6	278.0	77.9	60.3	70.9	0.00
09/13/15 10:00	5658	4.3	304.8	55.3	61.9	70.9	0.00
09/13/15 11:00	5659	4.7	302.4	53.8	62.0	68.7	0.00
09/13/15 12:00	5660	4.4	327.4	61.3	62.5	68.4	0.00
09/13/15 13:00	5661	5.5	257.7	37.7	62.0	69.7	0.00
09/13/15 14:00	5662	3.8	278.9	54.3	62.2	63.1	0.00
09/13/15 15:00	5663	2.9	266.1	52.3	63.0	65.2	0.00
09/13/15 16:00	5664	1.9	327.6	80.3	63.3	63.0	0.00
09/13/15 17:00	5665	3.2	261.8	57.4	62.2	66.0	0.00
09/13/15 18:00	5666	3.7	263.9	56.7	61.6	61.8	0.00
09/13/15 19:00	5667	5.7	274.8	43.6	59.7	65.8	0.00
09/13/15 20:00	5668	2.6	262.3	49.6	58.3	68.0	0.00

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09/13/15 21:00	5669	1.7	83.0	66.6	55.6	83.6	0.00
09/13/15 22:00	5670	1.5	65.0	53.6	55.2	89.5	0.00
09/13/15 23:00	5671	2.0	179.0	72.4	53.3	84.2	0.00
09/14/15 00:00	5672	1.8	231.0	92.4	54.4	73.0	0.00
09/14/15 01:00	5673	2.9	225.7	73.0	56.4	72.7	0.00
09/14/15 02:00	5674	3.0	247.7	45.5	56.1	73.9	0.00
09/14/15 03:00	5675	3.0	252.8	37.4	56.6	73.3	0.00
09/14/15 04:00	5676	4.0	254.0	36.1	57.0	69.5	0.00
09/14/15 05:00	5677	3.4	262.8	47.5	57.0	69.6	0.00
09/14/15 06:00	5678	3.0	229.5	62.5	56.9	68.4	0.00
09/14/15 07:00	5679	3.8	255.1	47.4	57.3	65.5	0.00
09/14/15 08:00	5680	5.2	253.9	35.0	59.2	61.4	0.00
09/14/15 09:00	5681	6.0	292.4	55.1	61.4	55.8	0.00
09/14/15 10:00	5682	6.1	304.3	56.5	62.7	56.5	0.00
09/14/15 11:00	5683	6.6	275.3	44.7	64.4	49.2	0.00
09/14/15 12:00	5684	5.7	281.7	55.6	66.6	46.9	0.00
09/14/15 13:00	5685	6.2	268.4	45.3	68.5	41.2	0.00
09/14/15 14:00	5686	5.5	297.7	58.3	70.8	39.2	0.00
09/14/15 15:00	5687	5.5	284.1	52.1	72.2	37.5	0.00
09/14/15 16:00	5688	4.9	289.0	55.4	73.0	38.2	0.00
09/14/15 17:00	5689	5.0	283.9	52.9	72.3	39.0	0.00
09/14/15 18:00	5690	2.8	245.3	57.7	71.1	57.1	0.00
09/14/15 19:00	5691	1.3	89.7	69.0	62.5	79.1	0.00
09/14/15 20:00	5692	1.9	34.7	45.6	57.5	87.7	0.00
09/14/15 21:00	5693	2.0	38.6	35.4	55.0	92.0	0.00
09/14/15 22:00	5694	2.4	36.9	32.9	53.1	93.4	0.00
09/14/15 23:00	5695	2.6	55.0	17.4	52.5	94.3	0.00
09/15/15 00:00	5696	2.3	67.7	22.6	51.4	96.0	0.00

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09/15/15 01:00	5697	3.1	44.5	11.9	50.1	96.5	0.00
09/15/15 02:00	5698	4.0	64.8	11.7	49.5	95.8	0.00
09/15/15 03:00	5699	3.0	42.8	23.6	48.4	96.6	0.00
09/15/15 04:00	5700	3.6	59.0	12.0	48.2	98.5	0.00
09/15/15 05:00	5701	3.6	54.5	9.4	47.8	98.8	0.00
09/15/15 06:00	5702	3.8	56.6	10.7	47.8	99.2	0.00
09/15/15 07:00	5703	3.3	58.8	13.9	47.8	99.1	0.00
09/15/15 08:00	5704	2.7	49.9	28.5	48.2	99.0	0.00
09/15/15 09:00	5705	2.5	77.8	24.6	50.2	95.5	0.00
09/15/15 10:00	5706	2.1	186.5	63.1	58.7	68.9	0.00
09/15/15 11:00	5707	2.7	185.1	51.2	67.8	54.4	0.00
09/15/15 12:00	5708	3.4	222.5	34.1	73.7	42.1	0.00
09/15/15 13:00	5709	3.7	224.2	46.5	77.1	37.4	0.00
09/15/15 14:00	5710	4.3	228.8	37.6	78.8	39.3	0.00
09/15/15 15:00	5711	4.1	245.8	30.6	80.2	36.8	0.00
09/15/15 16:00	5712	3.9	244.6	29.2	81.0	36.7	0.00
09/15/15 17:00	5713	3.2	249.6	24.5	80.0	40.8	0.00
09/15/15 18:00	5714	1.6	215.2	41.5	75.9	64.0	0.00
09/15/15 19:00	5715	1.2	170.9	92.8	66.1	84.8	0.00
09/15/15 20:00	5716	1.6	38.2	43.6	62.0	91.0	0.00
09/15/15 21:00	5717	2.1	31.6	24.8	59.5	92.7	0.00
09/15/15 22:00	5718	3.4	48.9	27.1	58.7	91.2	0.00
09/15/15 23:00	5719	3.3	53.8	18.8	57.7	95.0	0.00
09/16/15 00:00	5720	3.3	39.0	12.8	56.0	96.4	0.00
09/16/15 01:00	5721	3.7	73.1	14.1	56.0	94.9	0.00
09/16/15 02:00	5722	3.8	61.7	13.2	54.5	95.9	0.00
09/16/15 03:00	5723	2.7	44.9	19.1	53.4	97.6	0.00
09/16/15 04:00	5724	3.4	57.2	11.0	52.6	98.0	0.00

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09/16/15 05:00	5725	4.0	58.9	10.5	51.7	98.7	0.00
09/16/15 06:00	5726	4.6	58.5	10.2	51.3	99.0	0.00
09/16/15 07:00	5727	4.8	58.6	11.8	51.4	98.9	0.00
09/16/15 08:00	5728	3.7	58.0	13.4	52.8	94.3	0.00
09/16/15 09:00	5729	2.2	107.4	50.9	59.0	79.9	0.00
09/16/15 10:00	5730	2.1	186.2	49.5	64.8	67.9	0.00
09/16/15 11:00	5731	2.0	206.0	56.2	71.7	55.7	0.00
09/16/15 12:00	5732	2.5	216.1	34.0	77.7	45.7	0.00
09/16/15 13:00	5733	2.6	202.6	65.0	81.4	38.0	0.00
09/16/15 14:00	5734	2.5	146.8	75.8	82.7	36.0	0.00
09/16/15 15:00	5735	2.5	202.4	63.2	84.3	34.8	0.00
09/16/15 16:00	5736	3.3	55.3	24.0	83.2	35.2	0.00
09/16/15 17:00	5737	2.0	120.1	67.3	83.6	45.8	0.00
09/16/15 18:00	5738	1.3	183.8	70.0	77.8	69.5	0.00
09/16/15 19:00	5739	1.3	140.3	48.0	68.6	78.6	0.00
09/16/15 20:00	5740	1.8	38.0	21.0	64.6	87.4	0.00
09/16/15 21:00	5741	2.7	50.1	17.8	62.2	87.8	0.00
09/16/15 22:00	5742	3.8	60.1	22.7	61.1	92.9	0.00
09/16/15 23:00	5743	3.4	74.7	15.6	59.8	92.3	0.00
09/17/15 00:00	5744	3.5	56.6	17.1	57.8	95.4	0.00
09/17/15 01:00	5745	3.3	64.0	16.6	56.9	95.7	0.00
09/17/15 02:00	5746	3.6	66.4	10.0	55.8	96.4	0.00
09/17/15 03:00	5747	3.5	61.6	11.0	54.8	96.8	0.00
09/17/15 04:00	5748	3.7	66.8	11.6	54.0	98.0	0.00
09/17/15 05:00	5749	3.7	52.8	9.5	52.9	98.7	0.00
09/17/15 06:00	5750	2.9	59.1	11.3	52.5	99.0	0.00
09/17/15 07:00	5751	2.7	50.3	24.8	52.4	99.1	0.00
09/17/15 08:00	5752	2.1	37.9	22.7	53.1	98.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/17/15 09:00	5753	1.6	213.0	100.0	57.2	90.0	0.00
09/17/15 10:00	5754	2.0	174.8	57.4	64.1	68.3	0.00
09/17/15 11:00	5755	2.2	224.7	44.3	72.8	63.3	0.00
09/17/15 12:00	5756	2.2	199.9	61.8	78.5	39.0	0.00
09/17/15 13:00	5757	2.8	235.1	76.9	81.3	43.2	0.00
09/17/15 14:00	5758	3.4	132.1	90.0	82.5	37.1	0.00
09/17/15 15:00	5759	3.2	182.3	70.1	84.2	34.0	0.00
09/17/15 16:00	5760	3.1	189.5	36.1	85.2	35.6	0.00
09/17/15 17:00	5761	2.9	198.0	31.7	83.4	37.3	0.00
09/17/15 18:00	5762	1.9	181.8	77.9	77.8	58.6	0.00
09/17/15 19:00	5763	2.0	30.8	48.0	68.3	77.5	0.00
09/17/15 20:00	5764	1.7	44.0	23.5	63.3	85.4	0.00
09/17/15 21:00	5765	2.1	31.7	27.2	61.1	91.1	0.00
09/17/15 22:00	5766	2.0	35.3	22.0	58.6	91.2	0.00
09/17/15 23:00	5767	2.1	49.4	17.0	57.4	94.6	0.00
09/18/15 00:00	5768	2.7	52.5	18.8	56.3	94.5	0.00
09/18/15 01:00	5769	2.9	68.0	13.5	55.5	95.5	0.00
09/18/15 02:00	5770	3.3	61.5	13.0	54.3	95.6	0.00
09/18/15 03:00	5771	2.9	67.2	14.0	53.6	96.1	0.00
09/18/15 04:00	5772	3.0	68.0	12.0	52.6	96.3	0.00
09/18/15 05:00	5773	3.0	57.2	10.1	51.7	97.4	0.00
09/18/15 06:00	5774	3.4	51.3	10.6	51.2	97.1	0.00
09/18/15 07:00	5775	3.1	45.5	11.7	51.5	98.4	0.00
09/18/15 08:00	5776	2.3	95.2	37.4	54.1	86.0	0.00
09/18/15 09:00	5777	2.2	138.5	28.7	59.5	76.5	0.00
09/18/15 10:00	5778	1.6	123.5	73.8	66.1	61.3	0.00
09/18/15 11:00	5779	2.0	218.4	74.3	76.4	58.7	0.00
09/18/15 12:00	5780	2.9	167.6	59.5	81.1	40.8	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/18/15 13:00	5781	4.5	160.7	39.5	83.0	45.9	0.00
09/18/15 14:00	5782	5.4	203.0	46.6	83.5	36.3	0.00
09/18/15 15:00	5783	5.3	220.9	29.6	83.8	34.4	0.00
09/18/15 16:00	5784	4.6	210.9	37.9	84.2	35.8	0.00
09/18/15 17:00	5785	3.4	182.5	36.9	83.0	40.5	0.00
09/18/15 18:00	5786	1.9	210.0	43.3	78.0	67.2	0.00
09/18/15 19:00	5787	1.5	357.7	60.5	69.4	82.7	0.00
09/18/15 20:00	5788	1.7	65.8	51.4	66.1	84.1	0.00
09/18/15 21:00	5789	1.8	35.4	35.8	63.6	89.6	0.00
09/18/15 22:00	5790	2.1	34.2	36.0	61.6	92.9	0.00
09/18/15 23:00	5791	2.9	42.4	28.8	60.7	89.3	0.00
09/19/15 00:00	5792	2.5	37.1	38.4	60.7	91.4	0.00
09/19/15 01:00	5793	3.2	40.8	32.8	60.6	89.2	0.00
09/19/15 02:00	5794	3.5	24.8	33.6	60.0	89.4	0.00
09/19/15 03:00	5795	3.2	15.3	42.8	58.8	95.1	0.00
09/19/15 04:00	5796	3.4	35.3	34.4	57.8	92.2	0.00
09/19/15 05:00	5797	4.4	41.3	26.0	57.4	92.8	0.00
09/19/15 06:00	5798	3.2	14.8	42.5	56.3	94.8	0.00
09/19/15 07:00	5799	2.7	10.8	49.1	56.6	89.3	0.00
09/19/15 08:00	5800	3.8	55.2	57.9	62.6	69.9	0.00
09/19/15 09:00	5801	4.3	149.0	30.1	71.8	63.7	0.00
09/19/15 10:00	5802	4.6	188.6	45.6	75.4	58.0	0.00
09/19/15 11:00	5803	4.7	196.7	43.9	76.7	55.7	0.00
09/19/15 12:00	5804	5.6	187.9	43.4	79.9	49.1	0.00
09/19/15 13:00	5805	5.7	206.4	35.0	79.0	55.6	0.00
09/19/15 14:00	5806	3.1	198.5	41.1	78.9	59.0	0.00
09/19/15 15:00	5807	4.3	179.4	38.7	78.0	59.1	0.00
09/19/15 16:00	5808	3.8	182.8	35.9	78.1	53.9	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/19/15 17:00	5809	4.5	173.5	39.2	79.1	58.6	0.00
09/19/15 18:00	5810	3.5	121.5	48.1	77.7	62.8	0.00
09/19/15 19:00	5811	4.6	149.8	32.3	75.9	64.6	0.00
09/19/15 20:00	5812	5.5	162.6	37.7	75.4	63.6	0.00
09/19/15 21:00	5813	8.6	204.7	32.7	75.8	64.5	0.00
09/19/15 22:00	5814	6.6	199.1	39.1	75.0	64.1	0.00
09/19/15 23:00	5815	3.3	246.8	44.0	73.6	82.9	0.01
09/20/15 00:00	5816	4.2	271.8	50.2	69.6	84.3	0.00
09/20/15 01:00	5817	5.3	343.1	67.5	64.9	85.2	0.00
09/20/15 02:00	5818	3.2	336.0	58.3	61.0	87.7	0.01
09/20/15 03:00	5819	2.2	346.4	38.3	60.6	87.7	0.00
09/20/15 04:00	5820	3.0	357.1	37.9	60.4	86.2	0.00
09/20/15 05:00	5821	3.8	7.7	20.0	59.2	88.1	0.00
09/20/15 06:00	5822	3.6	8.5	28.0	58.3	84.8	0.00
09/20/15 07:00	5823	4.5	2.9	23.5	59.0	80.7	0.00
09/20/15 08:00	5824	6.8	7.0	26.6	60.4	69.4	0.00
09/20/15 09:00	5825	8.5	8.9	24.1	60.0	66.6	0.00
09/20/15 10:00	5826	7.3	357.8	32.5	61.4	58.9	0.00
09/20/15 11:00	5827	6.9	2.4	32.2	64.6	50.3	0.00
09/20/15 12:00	5828	8.5	12.2	30.4	67.0	45.7	0.00
09/20/15 13:00	5829	7.4	4.6	32.8	68.6	43.9	0.00
09/20/15 14:00	5830	8.7	21.0	21.4	70.2	36.7	0.00
09/20/15 15:00	5831	8.3	13.3	25.5	70.8	35.3	0.00
09/20/15 16:00	5832	6.8	17.2	33.4	71.3	35.4	0.00
09/20/15 17:00	5833	6.1	3.2	22.8	70.3	39.0	0.00
09/20/15 18:00	5834	5.1	358.5	18.9	67.7	47.9	0.00
09/20/15 19:00	5835	4.9	22.6	10.4	62.1	70.2	0.00
09/20/15 20:00	5836	5.9	34.4	9.4	57.5	69.7	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/20/15 21:00	5837	3.8	35.7	26.1	55.2	76.8	0.00
09/20/15 22:00	5838	2.4	325.5	57.6	51.3	86.5	0.00
09/20/15 23:00	5839	3.4	33.7	20.8	49.2	90.0	0.00
09/21/15 00:00	5840	4.6	36.7	12.6	47.8	91.0	0.00
09/21/15 01:00	5841	4.8	49.1	12.6	46.9	93.3	0.00
09/21/15 02:00	5842	4.4	51.5	13.6	46.2	92.4	0.00
09/21/15 03:00	5843	4.1	45.5	19.4	45.9	92.6	0.00
09/21/15 04:00	5844	4.6	44.3	11.8	45.3	94.7	0.00
09/21/15 05:00	5845	4.8	44.5	10.8	45.0	94.6	0.00
09/21/15 06:00	5846	4.5	53.8	13.1	44.8	93.5	0.00
09/21/15 07:00	5847	4.5	60.4	11.1	44.9	92.1	0.00
09/21/15 08:00	5848	3.3	55.2	15.4	47.5	85.8	0.00
09/21/15 09:00	5849	2.3	253.8	74.0	51.8	78.8	0.00
09/21/15 10:00	5850	2.9	263.2	40.1	54.6	73.2	0.00
09/21/15 11:00	5851	1.9	209.7	89.2	59.5	59.4	0.00
09/21/15 12:00	5852	3.7	3.7	50.8	60.3	59.8	0.00
09/21/15 13:00	5853	3.0	273.3	46.6	62.2	55.7	0.00
09/21/15 14:00	5854	2.5	253.2	50.2	63.9	53.8	0.00
09/21/15 15:00	5855	2.0	225.4	65.4	65.3	55.9	0.00
09/21/15 16:00	5856	1.7	267.8	93.3	65.4	65.6	0.00
09/21/15 17:00	5857	1.4	142.7	91.8	63.3	70.6	0.00
09/21/15 18:00	5858	1.3	86.6	78.3	60.8	77.6	0.00
09/21/15 19:00	5859	1.5	89.8	54.6	58.6	81.9	0.00
09/21/15 20:00	5860	1.4	62.3	48.5	56.6	86.4	0.00
09/21/15 21:00	5861	3.6	54.1	14.4	56.2	79.2	0.00
09/21/15 22:00	5862	3.1	69.2	21.7	56.5	81.0	0.00
09/21/15 23:00	5863	3.0	46.7	15.9	55.8	87.7	0.00
09/22/15 00:00	5864	3.1	50.5	14.4	55.2	87.7	0.00

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09/22/15 01:00	5865	2.9	55.9	15.5	55.1	85.7	0.00
09/22/15 02:00	5866	3.7	67.2	12.3	55.2	84.9	0.00
09/22/15 03:00	5867	2.8	46.8	23.3	55.3	88.8	0.00
09/22/15 04:00	5868	3.3	56.9	13.9	54.7	91.1	0.00
09/22/15 05:00	5869	3.5	58.6	10.7	54.5	92.7	0.00
09/22/15 06:00	5870	2.4	66.4	18.5	54.6	92.7	0.00
09/22/15 07:00	5871	2.9	77.4	41.5	53.8	93.1	0.00
09/22/15 08:00	5872	2.0	70.1	47.7	53.7	89.9	0.01
09/22/15 09:00	5873	2.2	62.8	36.6	54.9	84.0	0.00
09/22/15 10:00	5874	2.2	71.8	66.1	58.6	69.0	0.00
09/22/15 11:00	5875	3.1	26.8	67.5	61.8	59.1	0.00
09/22/15 12:00	5876	3.3	269.1	87.3	64.3	56.2	0.00
09/22/15 13:00	5877	3.7	224.1	37.2	67.4	49.2	0.00
09/22/15 14:00	5878	2.8	217.7	63.2	69.8	44.8	0.00
09/22/15 15:00	5879	3.1	16.2	75.9	71.5	39.2	0.00
09/22/15 16:00	5880	3.4	8.8	88.1	72.9	34.0	0.00
09/22/15 17:00	5881	5.0	78.0	20.2	71.6	33.7	0.00
09/22/15 18:00	5882	4.4	77.5	36.0	69.1	57.1	0.00
09/22/15 19:00	5883	2.7	80.2	56.4	60.3	77.1	0.00
09/22/15 20:00	5884	1.6	122.7	51.3	55.8	83.9	0.00
09/22/15 21:00	5885	1.9	89.7	64.3	53.2	90.7	0.00
09/22/15 22:00	5886	2.1	64.6	34.2	51.6	91.5	0.00
09/22/15 23:00	5887	3.6	63.3	11.7	51.1	91.5	0.00
09/23/15 00:00	5888	3.3	61.4	12.0	50.1	93.2	0.00
09/23/15 01:00	5889	3.2	61.5	12.0	49.1	94.0	0.00
09/23/15 02:00	5890	2.4	26.8	23.0	47.1	96.2	0.00
09/23/15 03:00	5891	3.7	44.1	9.7	46.6	96.3	0.00
09/23/15 04:00	5892	3.5	58.5	12.1	46.0	94.8	0.00

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09/23/15 05:00	5893	3.7	59.0	11.4	45.3	97.0	0.00
09/23/15 06:00	5894	3.8	58.4	10.0	44.4	96.7	0.00
09/23/15 07:00	5895	5.1	52.5	14.4	44.7	95.2	0.00
09/23/15 08:00	5896	3.6	69.8	19.4	46.7	91.8	0.00
09/23/15 09:00	5897	2.2	115.1	49.6	53.1	77.1	0.00
09/23/15 10:00	5898	2.4	171.0	83.3	58.2	71.7	0.00
09/23/15 11:00	5899	3.1	234.0	63.4	65.4	55.4	0.00
09/23/15 12:00	5900	3.8	163.2	42.1	71.0	48.5	0.00
09/23/15 13:00	5901	2.9	190.7	71.9	74.2	42.1	0.00
09/23/15 14:00	5902	2.9	245.2	53.1	75.9	37.3	0.00
09/23/15 15:00	5903	3.1	134.5	54.8	77.6	37.8	0.00
09/23/15 16:00	5904	2.2	224.3	91.8	79.8	31.1	0.00
09/23/15 17:00	5905	3.4	21.5	61.2	77.5	36.7	0.00
09/23/15 18:00	5906	2.6	32.6	37.9	72.2	65.5	0.00
09/23/15 19:00	5907	1.5	104.5	48.4	62.5	78.8	0.00
09/23/15 20:00	5908	1.5	32.0	44.0	57.9	87.7	0.00
09/23/15 21:00	5909	3.4	31.9	22.2	55.7	88.3	0.00
09/23/15 22:00	5910	4.1	32.6	11.2	54.1	91.8	0.00
09/23/15 23:00	5911	4.5	38.2	12.4	52.7	94.1	0.00
09/24/15 00:00	5912	4.4	38.1	15.0	51.3	95.3	0.00
09/24/15 01:00	5913	4.0	39.8	13.9	49.9	95.6	0.00
09/24/15 02:00	5914	4.3	40.8	10.3	48.7	95.6	0.00
09/24/15 03:00	5915	4.5	43.9	10.5	47.8	95.8	0.00
09/24/15 04:00	5916	5.2	49.0	10.4	47.1	95.6	0.00
09/24/15 05:00	5917	4.9	49.1	11.0	46.3	95.4	0.00
09/24/15 06:00	5918	5.1	50.0	10.7	45.4	96.1	0.00
09/24/15 07:00	5919	6.2	52.6	9.0	45.2	96.3	0.00
09/24/15 08:00	5920	5.3	60.6	9.4	47.2	89.8	0.00

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09/24/15 09:00	5921	2.6	86.0	25.7	55.3	77.9	0.00
09/24/15 10:00	5922	2.9	110.5	44.8	61.9	65.5	0.00
09/24/15 11:00	5923	3.1	225.7	32.5	68.9	53.8	0.00
09/24/15 12:00	5924	3.2	231.8	27.8	73.5	46.5	0.00
09/24/15 13:00	5925	2.9	213.4	66.5	76.4	46.2	0.00
09/24/15 14:00	5926	4.6	55.0	62.7	79.1	40.9	0.00
09/24/15 15:00	5927	4.5	30.9	42.7	80.2	41.1	0.00
09/24/15 16:00	5928	5.2	40.5	39.0	80.6	41.6	0.00
09/24/15 17:00	5929	3.8	49.8	16.5	77.6	44.7	0.00
09/24/15 18:00	5930	2.9	44.5	15.4	76.4	62.9	0.00
09/24/15 19:00	5931	3.6	70.8	31.9	69.6	73.1	0.00
09/24/15 20:00	5932	2.4	77.7	37.6	66.0	78.2	0.00
09/24/15 21:00	5933	1.9	49.8	31.3	62.6	88.2	0.00
09/24/15 22:00	5934	2.1	62.5	33.3	60.1	90.6	0.00
09/24/15 23:00	5935	3.3	66.6	18.6	59.0	90.5	0.00
09/25/15 00:00	5936	2.8	80.5	28.4	59.5	91.8	0.00
09/25/15 01:00	5937	4.4	60.6	9.6	57.5	92.8	0.00
09/25/15 02:00	5938	4.7	59.5	12.3	55.9	95.7	0.00
09/25/15 03:00	5939	4.5	64.0	11.8	55.0	95.4	0.00
09/25/15 04:00	5940	3.5	58.4	13.4	53.9	95.3	0.00
09/25/15 05:00	5941	3.4	60.1	9.5	53.0	95.4	0.00
09/25/15 06:00	5942	3.4	62.7	9.9	52.0	95.4	0.00
09/25/15 07:00	5943	3.9	58.5	11.9	51.6	95.1	0.00
09/25/15 08:00	5944	2.8	83.1	22.8	53.5	87.9	0.00
09/25/15 09:00	5945	1.8	56.1	38.7	58.1	79.6	0.00
09/25/15 10:00	5946	1.9	45.5	38.2	63.0	73.6	0.00
09/25/15 11:00	5947	2.5	305.1	99.6	67.9	58.7	0.00
09/25/15 12:00	5948	3.6	192.0	41.9	71.1	55.4	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/25/15 13:00	5949	3.2	213.4	47.5	72.2	53.7	0.00
09/25/15 14:00	5950	2.7	244.0	34.0	72.3	50.1	0.00
09/25/15 15:00	5951	2.6	138.0	86.5	73.1	50.1	0.00
09/25/15 16:00	5952	3.2	56.8	74.7	73.5	51.7	0.00
09/25/15 17:00	5953	3.3	68.9	35.8	72.8	51.4	0.00
09/25/15 18:00	5954	3.6	88.7	44.5	70.1	63.4	0.00
09/25/15 19:00	5955	2.0	133.2	57.6	65.3	76.7	0.00
09/25/15 20:00	5956	1.8	198.5	90.3	60.4	81.7	0.00
09/25/15 21:00	5957	1.5	67.0	58.7	58.0	89.7	0.00
09/25/15 22:00	5958	3.5	58.3	18.7	57.1	88.2	0.00
09/25/15 23:00	5959	3.2	75.0	15.7	56.6	90.0	0.00
09/26/15 00:00	5960	3.0	63.2	14.1	55.0	93.8	0.00
09/26/15 01:00	5961	2.9	63.0	12.4	53.8	94.4	0.00
09/26/15 02:00	5962	2.7	57.4	17.1	53.0	95.5	0.00
09/26/15 03:00	5963	2.8	50.8	20.3	52.1	95.1	0.00
09/26/15 04:00	5964	3.4	34.2	14.1	51.2	96.5	0.00
09/26/15 05:00	5965	3.2	49.6	10.5	51.2	96.1	0.00
09/26/15 06:00	5966	3.3	48.9	17.7	50.9	95.8	0.00
09/26/15 07:00	5967	3.3	54.2	14.9	50.4	94.4	0.00
09/26/15 08:00	5968	2.1	53.6	24.4	52.4	88.7	0.00
09/26/15 09:00	5969	1.5	142.5	60.0	57.7	73.9	0.00
09/26/15 10:00	5970	2.0	119.1	69.2	63.2	68.9	0.00
09/26/15 11:00	5971	3.0	225.2	45.3	67.6	58.6	0.00
09/26/15 12:00	5972	3.4	228.0	66.3	71.5	56.7	0.00
09/26/15 13:00	5973	4.9	115.7	70.6	72.0	52.7	0.00
09/26/15 14:00	5974	4.9	151.3	66.2	71.7	52.9	0.00
09/26/15 15:00	5975	6.8	65.4	34.4	71.4	49.3	0.00
09/26/15 16:00	5976	6.3	68.7	31.4	71.3	51.8	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/26/15 17:00	5977	6.2	70.9	22.1	70.1	54.6	0.00
09/26/15 18:00	5978	6.4	61.3	14.2	68.0	59.7	0.00
09/26/15 19:00	5979	4.5	61.3	20.8	65.2	67.4	0.00
09/26/15 20:00	5980	1.8	6.3	88.7	62.4	70.6	0.00
09/26/15 21:00	5981	1.8	250.8	75.0	59.9	78.2	0.00
09/26/15 22:00	5982	2.1	52.5	57.2	58.4	84.4	0.00
09/26/15 23:00	5983	2.0	31.6	79.7	55.6	85.7	0.00
09/27/15 00:00	5984	2.9	87.9	46.1	55.9	89.7	0.00
09/27/15 01:00	5985	3.0	28.4	23.0	52.9	92.5	0.00
09/27/15 02:00	5986	4.2	55.8	18.4	52.0	92.4	0.00
09/27/15 03:00	5987	3.8	58.3	16.3	51.4	93.1	0.00
09/27/15 04:00	5988	4.1	65.5	17.8	51.5	92.2	0.00
09/27/15 05:00	5989	4.8	64.6	14.7	50.4	93.1	0.00
09/27/15 06:00	5990	4.8	64.3	13.4	49.7	93.8	0.00
09/27/15 07:00	5991	5.8	67.7	13.2	48.9	91.3	0.00
09/27/15 08:00	5992	6.1	71.3	12.9	50.3	85.7	0.00
09/27/15 09:00	5993	4.6	68.7	15.1	54.2	76.9	0.00
09/27/15 10:00	5994	2.7	98.6	91.0	61.0	53.9	0.00
09/27/15 11:00	5995	3.2	166.4	78.7	65.8	46.4	0.00
09/27/15 12:00	5996	3.6	174.5	96.8	69.6	51.4	0.00
09/27/15 13:00	5997	5.0	155.5	41.6	70.4	53.5	0.00
09/27/15 14:00	5998	4.7	177.0	43.2	71.4	43.4	0.00
09/27/15 15:00	5999	4.0	173.8	47.2	74.6	37.9	0.00
09/27/15 16:00	6000	4.4	184.2	35.2	73.7	44.7	0.00
09/27/15 17:00	6001	4.3	170.9	33.2	71.7	44.9	0.00
09/27/15 18:00	6002	4.8	168.6	35.1	70.8	53.9	0.00
09/27/15 19:00	6003	4.9	169.5	34.5	67.1	64.7	0.00
09/27/15 20:00	6004	3.6	148.1	38.3	64.2	72.0	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/27/15 21:00	6005	2.3	128.6	48.6	61.8	77.9	0.00
09/27/15 22:00	6006	3.3	125.5	50.8	60.6	84.1	0.00
09/27/15 23:00	6007	4.7	153.4	38.6	60.9	80.4	0.00
09/28/15 00:00	6008	4.1	92.7	64.4	59.9	89.4	0.00
09/28/15 01:00	6009	5.3	53.7	29.3	57.2	89.2	0.00
09/28/15 02:00	6010	5.9	64.7	11.1	57.5	89.1	0.00
09/28/15 03:00	6011	4.8	48.9	17.6	57.1	89.2	0.00
09/28/15 04:00	6012	3.9	45.6	24.3	57.9	87.5	0.00
09/28/15 05:00	6013	6.5	67.0	10.0	58.1	88.0	0.00
09/28/15 06:00	6014	4.4	62.2	20.2	58.6	87.6	0.00
09/28/15 07:00	6015	4.9	63.8	15.2	59.2	88.4	0.00
09/28/15 08:00	6016	4.3	64.8	12.8	60.0	87.5	0.00
09/28/15 09:00	6017	2.6	58.0	31.8	61.8	82.6	0.00
09/28/15 10:00	6018	3.6	72.5	73.1	64.5	81.3	0.00
09/28/15 11:00	6019	3.0	270.7	33.7	67.8	75.4	0.00
09/28/15 12:00	6020	4.6	202.8	48.9	72.2	66.3	0.00
09/28/15 13:00	6021	4.3	181.0	46.7	74.9	60.4	0.00
09/28/15 14:00	6022	4.3	184.1	39.2	76.8	56.1	0.00
09/28/15 15:00	6023	4.4	205.1	41.7	76.3	54.9	0.00
09/28/15 16:00	6024	3.3	175.4	37.1	76.0	58.3	0.00
09/28/15 17:00	6025	4.1	168.5	35.1	76.6	60.8	0.00
09/28/15 18:00	6026	3.2	162.6	31.1	74.1	66.4	0.00
09/28/15 19:00	6027	3.7	170.4	38.8	72.7	69.4	0.00
09/28/15 20:00	6028	2.8	187.6	45.0	72.4	76.0	0.00
09/28/15 21:00	6029	2.8	173.2	49.4	71.0	74.6	0.00
09/28/15 22:00	6030	3.5	188.1	44.2	71.0	76.4	0.00
09/28/15 23:00	6031	2.6	221.4	65.6	70.2	82.1	0.00
09/29/15 00:00	6032	2.1	40.5	58.8	68.6	86.1	0.00

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/29/15 01:00	6033	3.3	160.9	60.1	69.3	80.1	0.00
09/29/15 02:00	6034	4.9	150.6	27.3	70.8	81.2	0.00
09/29/15 03:00	6035	3.8	171.0	43.8	70.7	81.0	0.00
09/29/15 04:00	6036	3.3	113.9	48.7	70.8	82.3	0.00
09/29/15 05:00	6037	4.3	150.9	36.6	70.7	83.2	0.00
09/29/15 06:00	6038	5.2	127.7	25.2	71.0	84.3	0.00
09/29/15 07:00	6039	5.8	121.4	21.8	70.6	82.5	0.00
09/29/15 08:00	6040	5.6	124.1	25.0	70.8	88.2	0.01
09/29/15 09:00	6041	2.5	28.1	78.9	69.3	94.6	0.10
09/29/15 10:00	6042	3.3	110.0	52.8	69.7	89.4	0.01
09/29/15 11:00	6043	3.7	120.5	32.5	70.9	87.4	0.00
09/29/15 12:00	6044	3.1	120.5	37.3	72.2	85.2	0.00
09/29/15 13:00	6045	2.1	28.2	74.2	72.1	92.6	0.01
09/29/15 14:00	6046	2.5	52.5	45.1	71.6	94.0	0.03
09/29/15 15:00	6047	1.7	119.7	86.4	72.3	89.8	0.00
09/29/15 16:00	6048	1.4	337.5	84.1	71.8	95.6	0.02
09/29/15 17:00	6049	2.1	40.5	39.3	70.6	96.7	0.03
09/29/15 18:00	6050	1.9	78.4	44.4	69.6	97.0	0.04
09/29/15 19:00	6051	1.0	67.8	79.6	69.0	97.6	0.06
09/29/15 20:00	6052	1.4	55.6	78.2	68.7	97.8	0.03
09/29/15 21:00	6053	1.7	76.7	54.3	68.6	97.9	0.03
09/29/15 22:00	6054	1.0	87.1	92.5	68.2	98.0	0.03
09/29/15 23:00	6055	1.6	78.9	83.2	68.1	98.3	0.08
09/30/15 00:00	6056	1.8	144.4	72.5	68.6	98.0	0.10
09/30/15 01:00	6057	1.9	69.5	50.9	68.8	97.3	0.08
09/30/15 02:00	6058	1.9	358.2	66.9	68.5	97.7	0.04
09/30/15 03:00	6059	1.7	337.5	50.2	68.5	98.0	0.33
09/30/15 04:00	6060	4.2	355.6	23.4	68.3	98.4	0.84

TIMESTAMP	Tunkhannock RECORD	Wind Speed WS_mph_WVT mph WVc	Wind Direction WD_Deg_WVT mph WVc	Std. Deviation SDWD_WVT mph WVc	Air Temperature AirTF_Avg Deg F Avg	Relative Humidity % Smp	Precipitation Rain_in_Tot inch Total
09/30/15 05:00	6061	4.2	4.3	15.4	68.0	98.4	0.37
09/30/15 06:00	6062	2.3	13.9	27.5	67.7	98.6	0.10
09/30/15 07:00	6063	2.2	356.0	58.1	67.8	98.4	0.02
09/30/15 08:00	6064	2.9	1.9	40.3	67.7	96.9	0.00
09/30/15 09:00	6065	4.5	345.9	52.1	66.1	91.1	0.01
09/30/15 10:00	6066	4.0	347.8	55.1	65.4	92.5	0.02
09/30/15 11:00	6067	4.4	337.9	56.1	64.1	91.4	0.04
09/30/15 12:00	6068	4.6	316.8	69.5	62.9	89.2	0.00
09/30/15 13:00	6069	4.4	355.6	42.7	63.7	84.9	0.00
09/30/15 14:00	6070	5.7	352.5	33.2	64.1	84.7	0.00
09/30/15 15:00	6071	4.1	334.8	67.0	62.9	84.8	0.00
09/30/15 16:00	6072	4.6	340.2	57.1	61.1	86.4	0.00
09/30/15 17:00	6073	3.8	343.2	66.0	57.9	88.9	0.00
09/30/15 18:00	6074	3.9	356.7	52.5	56.6	88.4	0.00
09/30/15 19:00	6075	3.5	347.9	57.2	55.1	88.8	0.00
09/30/15 20:00	6076	3.6	347.0	43.8	55.0	87.4	0.00
09/30/15 21:00	6077	5.5	356.1	32.6	54.6	87.5	0.00
09/30/15 22:00	6078	3.9	353.5	37.1	53.7	88.6	0.00
09/30/15 23:00	6079	4.1	353.4	33.7	53.6	86.5	0.00
10/01/15 00:00	6080	4.5	359.2	29.0	53.6	82.9	0.00
10/01/15 01:00	6081	4.7	357.4	29.3	53.1	83.5	0.00
10/01/15 02:00	6082	5.0	4.8	18.7	52.5	82.1	0.00
10/01/15 03:00	6083	3.8	355.3	29.0	51.9	85.0	0.00
10/01/15 04:00	6084	3.4	346.7	48.2	51.2	84.6	0.00
10/01/15 05:00	6085	3.8	350.9	34.0	50.8	85.2	0.00
10/01/15 06:00	6086	3.5	351.8	40.1	50.7	86.0	0.00
10/01/15 07:00	6087	3.0	353.0	37.2	50.7	85.6	0.00
10/01/15 08:00	6088	2.8	343.6	55.3	51.3	85.0	0.00

APPENDIX B – PM MONITORING DATA

SampleID	LabID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date	Cal Result in ug/m3	Scranton BAM reading	Difference
101001	1508601-24	Particulate as PM10		ND	0.10	mg/sample	24100	<0.0041	mg/m3	8/11/2015	8/19/2015	8/20/2015			
101002	1508409-15	Particulate as PM10		0.16	0.10	mg/sample	24000	0.0065	mg/m3	8/10/2015	8/13/2015	8/14/2015	6.5	8	-1.5
101003	1508409-16	Particulate as PM10		0.21	0.10	mg/sample	24000	0.0089	mg/m3	8/9/2015	8/13/2015	8/14/2015	8.9	12	-3.1
101004	1508409-17	Particulate as PM10		0.25	0.10	mg/sample	24100	0.010	mg/m3	8/8/2015	8/13/2015	8/14/2015	10	12	-2
101005	1508409-18	Particulate as PM10		0.24	0.10	mg/sample	24100	0.010	mg/m3	8/7/2015	8/13/2015	8/14/2015	10	13	-3
101006	1508409-19	Particulate as PM10		0.21	0.10	mg/sample	24000	0.0086	mg/m3	8/6/2015	8/13/2015	8/14/2015	8.6	11	-2.4
101007	1508409-20	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	8/9/2015	8/13/2015	8/14/2015			
101008	1508409-21	Particulate as PM10		0.18	0.10	mg/sample	24100	0.0073	mg/m3	8/5/2015	8/13/2015	8/14/2015	7.3	14	-6.7
101009	1508825-24	Particulate as PM10		0.63	0.10	mg/sample	24000	0.026	mg/m3	8/18/2015	8/26/2015	8/28/2015	26	25	1
101010	1508601-17	Particulate as PM10		0.44	0.10	mg/sample	24100	0.018	mg/m3	8/17/2015	8/19/2015	8/20/2015	18	25	-7
101011	1508601-18	Particulate as PM10		0.28	0.10	mg/sample	24100	0.012	mg/m3	8/16/2015	8/19/2015	8/20/2015	12	15	-3
101012	1508601-19	Particulate as PM10		0.40	0.10	mg/sample	24100	0.017	mg/m3	8/15/2015	8/19/2015	8/20/2015	17	19	-2
101013	1508601-20	Particulate as PM10		0.37	0.10	mg/sample	24000	0.015	mg/m3	8/14/2015	8/19/2015	8/20/2015	15	18	-3
101014	1508601-21	Particulate as PM10		0.19	0.10	mg/sample	24100	0.0078	mg/m3	8/13/2015	8/19/2015	8/20/2015	7.8	10	-2.2
101015	1508601-22	Particulate as PM10		0.22	0.10	mg/sample	24000	0.0091	mg/m3	8/12/2015	8/19/2015	8/20/2015	9.1	12	-2.9
101016	1508601-23	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/20/2015			
101017	1509058-24	Particulate as PM10		0.35	0.10	mg/sample	24000	0.015	mg/m3	8/25/2015	9/02/2015	9/03/2015	15	14	1

SampleID	LabID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date	Cal Result in ug/m3	Scranton BAM reading	Difference
101018	1508825-17	Particulate as PM10		0.52	0.10	mg/sample	24100	0.021	mg/m3	8/24/2015	8/26/2015	8/28/2015	21	19	2
101019	1508825-18	Particulate as PM10		0.30	0.10	mg/sample	24100	0.012	mg/m3	8/23/2015	8/26/2015	8/28/2015	12	11	1
101020	1508825-19	Particulate as PM10		0.23	0.10	mg/sample	24100	0.0094	mg/m3	8/22/2015	8/26/2015	8/28/2015	9.4	13	-3.6
101021	1508825-20	Particulate as PM10		0.25	0.10	mg/sample	24000	0.010	mg/m3	8/21/2015	8/26/2015	8/28/2015	10	10	0
101022	1508825-21	Particulate as PM10		0.24	0.10	mg/sample	24000	0.0098	mg/m3	8/20/2015	8/26/2015	8/28/2015	9.8	8	1.8
101023	1508825-22	Particulate as PM10		0.45	0.10	mg/sample	24000	0.019	mg/m3	8/19/2015	8/26/2015	8/28/2015	19	17	2
101024	1508825-23	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	8/19/2015	8/26/2015	8/28/2015			
101025	1509230-24	Particulate as PM10		0.65	0.10	mg/sample	24100	0.027	mg/m3	9/01/2015	9/09/2015	9/10/2015	27	26	1
101026	1509058-17	Particulate as PM10		0.52	0.10	mg/sample	24000	0.022	mg/m3	8/31/2015	9/02/2015	9/03/2015	22	20	2
101027	1509058-18	Particulate as PM10		0.47	0.10	mg/sample	24100	0.019	mg/m3	8/30/2015	9/02/2015	9/03/2015	19	22	-3
101028	1509058-19	Particulate as PM10		0.33	0.10	mg/sample	24100	0.014	mg/m3	8/29/2015	9/02/2015	9/03/2015	14	21	-7
101029	1509058-20	Particulate as PM10		0.13	0.10	mg/sample	24100	0.0055	mg/m3	8/28/2015	9/02/2015	9/03/2015	5.5	15	-9.5
101030	1509058-21	Particulate as PM10		0.14	0.10	mg/sample	24100	0.0060	mg/m3	8/27/2015	9/02/2015	9/03/2015	6	10	-4
101031	1509058-22	Particulate as PM10		0.20	0.10	mg/sample	24000	0.0083	mg/m3	8/26/2015	9/02/2015	9/03/2015	8.3	12	-3.7
101032	1509058-23	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/03/2015			
101034	1509230-17	Particulate as PM10		0.68	0.10	mg/sample	24100	0.028	mg/m3	9/07/2015	9/09/2015	9/10/2015	28	22	6
101035	1509230-18	Particulate as PM10		0.65	0.10	mg/sample	24100	0.027	mg/m3	9/06/2015	9/09/2015	9/10/2015	27	17	10

SampleID	LabID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date	Cal Result in ug/m3	Scranton BAM reading	Difference
101036	1509230-19	Particulate as PM10		0.74	0.10	mg/sample	24000	0.031	mg/m3	9/05/2015	9/09/2015	9/10/2015	31	18	13
101037	1509230-20	Particulate as PM10		0.63	0.10	mg/sample	24100	0.026	mg/m3	9/04/2015	9/09/2015	9/10/2015	26	27	-1
101038	1509230-21	Particulate as PM10		0.86	0.10	mg/sample	24100	0.036	mg/m3	9/03/2015	9/09/2015	9/10/2015	36	33	3
101039	1509230-22	Particulate as PM10		0.92	0.10	mg/sample	24000	0.038	mg/m3	9/02/2015	9/09/2015	9/10/2015	38	35	3
101040	1509230-23	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/10/2015			
102501	1508601-08	Particulate as PM2.5		0.13	0.050	mg/sample	24100	0.0053	mg/m3	8/11/2015	8/19/2015	8/20/2015	5.3	5.5	-0.2
102502	1508409-01	Particulate as PM2.5		0.18	0.050	mg/sample	24100	0.0073	mg/m3	8/10/2015	8/13/2015	8/14/2015	7.3	7.5	-0.2
102503	1508409-02	Particulate as PM2.5		0.18	0.050	mg/sample	24100	0.0073	mg/m3	8/09/2015	8/13/2015	8/14/2015	7.3	7.9	-0.6
102504	1508409-03	Particulate as PM2.5		0.16	0.050	mg/sample	24100	0.0067	mg/m3	8/08/2015	8/13/2015	8/14/2015	6.7	6.8	-0.1
102505	1508409-04	Particulate as PM2.5		0.14	0.050	mg/sample	24100	0.0057	mg/m3	8/07/2015	8/13/2015	8/14/2015	5.7	7.3	-1.6
102506	1508409-05	Particulate as PM2.5		0.11	0.050	mg/sample	24000	0.0045	mg/m3	8/06/2015	8/13/2015	8/14/2015	4.5	6	-1.5
102507	1508409-06	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	8/09/2015	8/13/2015	8/14/2015			
102508	1508409-07	Particulate as PM2.5		0.16	0.050	mg/sample	24100	0.0068	mg/m3	8/05/2015	8/13/2015	8/14/2015	6.8	7.5	-0.7
102512	1508601-03	Particulate as PM2.5		0.28	0.050	mg/sample	24100	0.012	mg/m3	8/15/2015	8/19/2015	8/20/2015	12	11.8	0.2
102513	1508601-04	Particulate as PM2.5		0.22	0.050	mg/sample	24100	0.0093	mg/m3	8/15/2015	8/19/2015	8/20/2015	9.3	11.8	-2.5
102514	1508601-05	Particulate as PM2.5		0.11	0.050	mg/sample	24100	0.0046	mg/m3	8/13/2015	9/09/2015	8/20/2015	4.6	5.4	-0.8
102515	1508601-06	Particulate as PM2.5		0.14	0.050	mg/sample	24100	0.0056	mg/m3	8/12/2015	8/19/2015	8/20/2015	5.6	6.9	-1.3

SampleID	LabID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date	Cal Result in ug/m3	Scranton BAM reading	Difference
102516	1508601-07	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/20/2015			
102517	1509058-08	Particulate as PM2.5		0.19	0.050	mg/sample	24100	0.0078	mg/m3	8/25/2015	9/02/2015	9/03/2015	7.8	10	-2.2
102518	1508825-01	Particulate as PM2.5		0.29	0.050	mg/sample	24100	0.012	mg/m3	8/24/2015	8/26/2015	8/28/2015	12	10.2	1.8
102519	1508825-02	Particulate as PM2.5		0.19	0.050	mg/sample	24100	0.0078	mg/m3	8/23/2015	8/26/2015	8/28/2015	7.8	8.4	-0.6
102520	1508825-03	Particulate as PM2.5		0.18	0.050	mg/sample	24000	0.0077	mg/m3	8/22/2015	8/26/2015	8/28/2015	7.7	4.2	3.5
102521	1508825-04	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	8/22/2015	8/26/2015	8/28/2015			
102522	1508825-05	Particulate as PM2.5		0.12	0.050	mg/sample	24100	0.0051	mg/m3	8/21/2015	8/26/2015	8/28/2015	5.1	4.2	0.9
102524	1508825-07	Particulate as PM2.5		0.34	0.050	mg/sample	24100	0.014	mg/m3	8/19/2015	8/26/2015	8/28/2015	14	12.8	1.2
102525	1509230-08	Particulate as PM2.5		0.38	0.050	mg/sample	24100	0.016	mg/m3	9/01/2015	9/09/2015	9/10/2015	16	20.1	-4.1
102526	1509058-01	Particulate as PM2.5		0.34	0.050	mg/sample	24100	0.014	mg/m3	8/31/2015	9/02/2015	9/03/2015	14	16.3	-2.3
102527	1509058-02	Particulate as PM2.5		0.38	0.050	mg/sample	24100	0.016	mg/m3	8/30/2015	9/02/2015	9/03/2015	16	16.6	-0.6
102528	1509058-03	Particulate as PM2.5		0.22	0.050	mg/sample	24100	0.0090	mg/m3	8/29/2015	9/02/2015	9/03/2015	9	10.7	-1.7
102529	1509058-04	Particulate as PM2.5		0.097	0.050	mg/sample	24100	0.0040	mg/m3	8/28/2015	9/02/2015	9/03/2015	4	4.3	-0.3
102530	1509058-05	Particulate as PM2.5		0.083	0.050	mg/sample	24100	0.0034	mg/m3	8/27/2015	9/02/2015	9/03/2015	3.4	4.4	-1
102531	1509058-06	Particulate as PM2.5		0.18	0.050	mg/sample	24100	0.0074	mg/m3	8/26/2015	9/02/2015	9/03/2015	7.4	6.7	0.7
102532	1509058-07	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/03/2015			
102534	1509230-01	Particulate as PM2.5		0.41	0.050	mg/sample	24100	0.017	mg/m3	9/07/2015	9/09/2015	9/10/2015	17	NA	

SampleID	LabID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date	Cal Result in ug/m3	Scranton BAM reading	Difference
102535	1509230-02	Particulate as PM2.5		0.32	0.050	mg/sample	24100	0.013	mg/m3	9/06/2015	9/09/2015	9/10/2015	13	8	5
102536	1509230-03	Particulate as PM2.5		0.33	0.050	mg/sample	24100	0.014	mg/m3	9/05/2015	9/09/2015	9/10/2015	14	12.2	1.8
102537	1509230-04	Particulate as PM2.5		0.44	0.050	mg/sample	24100	0.018	mg/m3	9/04/2015	9/09/2015	9/10/2015	18	17.3	0.7
102538	1509230-05	Particulate as PM2.5		0.34	0.050	mg/sample	24100	0.014	mg/m3	9/03/2015	9/09/2015	9/10/2015	14	24.3	-10.3
102539	1509230-06	Particulate as PM2.5		0.59	0.050	mg/sample	24100	0.024	mg/m3	9/02/2015	9/09/2015	9/10/2015	24	25.8	-1.8
102540	1509230-07	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/10/2015			

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201015	1508602-22	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/20/2015			
201016	1508602-23	Particulate as PM10		0.23	0.10	mg/sample	24000	0.0097	mg/m3	8/12/2015	8/19/2015	8/20/2015	9.7	12	-2.3
201017	1509059-24	Particulate as PM10		0.34	0.10	mg/sample	24000	0.014	mg/m3	8/25/2015	9/02/2015	9/03/2015	14	14	0
201018	1508826-17	Particulate as PM10		0.47	0.10	mg/sample	24000	0.020	mg/m3	8/24/2015	8/26/2015	8/28/2015	20	19	1
201019	1508826-18	Particulate as PM10		0.23	0.10	mg/sample	24000	0.0095	mg/m3	8/23/2015	8/26/2015	8/28/2015	9.5	11	-1.5
201020	1508826-19	Particulate as PM10		0.20	0.10	mg/sample	24000	0.0082	mg/m3	8/22/2015	8/26/2015	8/28/2015	8.2	13	-4.8
201021	1508826-20	Particulate as PM10		0.22	0.10	mg/sample	24000	0.0090	mg/m3	8/21/2015	8/26/2015	8/28/2015	9	10	-1
201022	1508826-21	Particulate as PM10		0.22	0.10	mg/sample	24000	0.0090	mg/m3	8/20/2015	8/26/2015	8/28/2015	9	8	1
201023	1508826-22	Particulate as PM10		0.48	0.10	mg/sample	24000	0.020	mg/m3	8/19/2015	8/26/2015	8/28/2015	20	17	3
201024	1508826-23	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	8/19/2015	8/26/2015	8/28/2015			
201025	1509231-24	Particulate as PM10		0.58	0.10	mg/sample	24000	0.024	mg/m3	9/01/2015	9/09/2015	9/10/2015	24	26	-2
201026	1509059-17	Particulate as PM10		0.50	0.10	mg/sample	24000	0.021	mg/m3	8/31/2015	9/02/2015	9/03/2015	21	20	1
201027	1509059-18	Particulate as PM10		0.53	0.10	mg/sample	24000	0.022	mg/m3	8/30/2015	9/02/2015	9/03/2015	22	22	0
201028	1509059-19	Particulate as PM10		0.43	0.10	mg/sample	24000	0.018	mg/m3	8/29/2015	9/02/2015	9/03/2015	18	21	-3

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201029	1509059-20	Particulate as PM10		0.30	0.10	mg/sample	24000	0.013	mg/m3	8/28/2015	9/02/2015	9/03/2015	13	15	-2
201030	1509059-21	Particulate as PM10		0.29	0.10	mg/sample	24000	0.012	mg/m3	8/27/2015	9/02/2015	9/03/2015	12	10	2
201031	1509059-22	Particulate as PM10		0.28	0.10	mg/sample	24000	0.012	mg/m3	8/26/2015	9/02/2015	9/03/2015	12	12	0
201032	1509059-23	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/03/2015			
201034	1509231-17	Particulate as PM10		0.56	0.10	mg/sample	24000	0.023	mg/m3	9/07/2015	9/09/2015	9/10/2015	23	22	1
201035	1509231-18	Particulate as PM10		0.49	0.10	mg/sample	24000	0.020	mg/m3	9/06/2015	9/09/2015	9/10/2015	20	17	3
201036	1509231-19	Particulate as PM10		0.55	0.10	mg/sample	24000	0.023	mg/m3	9/05/2015	9/09/2015	9/10/2015	23	18	5
201037	1509231-20	Particulate as PM10		0.61	0.10	mg/sample	24000	0.026	mg/m3	9/04/2015	9/09/2015	9/10/2015	26	27	-1
201038	1509231-21	Particulate as PM10		0.80	0.10	mg/sample	24000	0.034	mg/m3	9/03/2015	9/09/2015	9/10/2015	34	33	1
201039	1509231-22	Particulate as PM10		0.79	0.10	mg/sample	24000	0.033	mg/m3	9/02/2015	9/09/2015	9/10/2015	33	35	-2
201040	1509231-23	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/10/2015			
202515	1508602-06	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/20/2015			
202516	1508602-07	Particulate as PM2.5		0.16	0.050	mg/sample	24000	0.0069	mg/m3	8/12/2015	8/19/2015	8/20/2015	6.9	6.9	0
202517	1509059-08	Particulate as PM2.5		0.19	0.050	mg/sample	24000	0.0078	mg/m3	8/25/2015	9/02/2015	9/03/2015	7.8	10	-2.2

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202518	1508826-01	Particulate as PM2.5		0.35	0.050	mg/sample	24000	0.014	mg/m3	8/24/2015	8/26/2015	8/28/2015	14	10.2	3.8
202519	1508826-02	Particulate as PM2.5		0.16	0.050	mg/sample	24000	0.0069	mg/m3	8/23/2015	8/26/2015	8/28/2015	6.9	8.4	-1.5
202520	1508826-03	Particulate as PM2.5		0.13	0.050	mg/sample	24000	0.0056	mg/m3	8/22/2015	8/26/2015	8/28/2015	5.6	5.3	0.3
202521	1508826-04	Particulate as PM2.5		0.12	0.050	mg/sample	24000	0.0050	mg/m3	8/21/2015	8/26/2015	8/28/2015	5	4.2	0.8
202522	1508826-05	Particulate as PM2.5		0.15	0.050	mg/sample	24000	0.0062	mg/m3	8/20/2015	8/26/2015	8/28/2015	6.2	4.2	2
202523	1508826-06	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	8/20/2015	8/26/2015	8/28/2015		4.2	-4.2
202524	1508826-07	Particulate as PM2.5		0.36	0.050	mg/sample	24000	0.015	mg/m3	8/18/2015	8/26/2015	8/28/2015	15	19	-4
202525	1509231-08	Particulate as PM2.5		0.42	0.050	mg/sample	24000	0.018	mg/m3	9/01/2015	9/09/2015	9/10/2015	18	20.1	-2.1
202526	1509059-01	Particulate as PM2.5		0.36	0.050	mg/sample	24000	0.015	mg/m3	8/31/2015	9/02/2015	9/03/2015	15	16.3	-1.3
202527	1509059-02	Particulate as PM2.5		0.40	0.050	mg/sample	24000	0.017	mg/m3	8/30/2015	9/02/2015	9/03/2015	17	16.6	0.4
202528	1509059-03	Particulate as PM2.5		0.27	0.050	mg/sample	24000	0.011	mg/m3	8/29/2015	9/02/2015	9/03/2015	11	10.7	0.3
202529	1509059-04	Particulate as PM2.5		0.12	0.050	mg/sample	24000	0.0049	mg/m3	8/28/2015	9/02/2015	9/03/2015	4.9	4.3	0.6
202532	1509059-07	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/03/2015			
202534	1509231-01	Particulate as PM2.5		0.20	0.050	mg/sample	24000	0.0084	mg/m3	9/07/2015	9/09/2015	9/10/2015	8.4	NA	

SampleID	LabID	Analyte	CAS	Result	ReportingLimit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date	Cal Result in ug/m3	Scranton BAM reading	Difference
202535	1509231-02	Particulate as PM2.5		0.26	0.050	mg/sample	24000	0.011	mg/m3	9/06/2015	9/09/2015	9/10/2015	11	8	3
202536	1509231-03	Particulate as PM2.5		0.33	0.050	mg/sample	24000	0.014	mg/m3	9/05/2015	9/09/2015	9/10/2015	14	12.2	1.8
202537	1509231-04	Particulate as PM2.5		0.46	0.050	mg/sample	24000	0.019	mg/m3	9/04/2015	9/09/2015	9/10/2015	19	17.3	1.7
202538	1509231-05	Particulate as PM2.5		0.34	0.050	mg/sample	24000	0.014	mg/m3	9/03/2015	9/09/2015	9/10/2015	14	24.3	-10.3
202539	1509231-06	Particulate as PM2.5		0.59	0.050	mg/sample	24000	0.025	mg/m3	9/02/2015	9/09/2015	9/10/2015	25	25.8	-0.8
202540	1509231-07	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	9/01/2015	9/09/2015	9/10/2015			

Sample ID	LabID	Analyte	CA S	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date	Cal Result in ug/m3	Scranton BAM reading	Difference
301001	1508603-24	Particulate as PM10		0.13	0.10	mg/sample	24000	0.0055	mg/m3	8/11/2015	8/19/2015	8/20/2015	5.5	9	-3.5
301002	1508403-15	Particulate as PM10		0.20	0.10	mg/sample	24000	0.0082	mg/m3	8/10/2015	8/13/2015	8/14/2015	8.2	8	0.2
301003	1508403-16	Particulate as PM10		0.25	0.10	mg/sample	24000	0.010	mg/m3	8/09/2015	8/13/2015	8/14/2015	10	12	-2
301004	1508403-17	Particulate as PM10		0.29	0.10	mg/sample	24000	0.012	mg/m3	8/08/2015	8/13/2015	8/14/2015	12	12	0
301005	1508403-18	Particulate as PM10		0.24	0.10	mg/sample	24000	0.0099	mg/m3	8/07/2015	8/13/2015	8/14/2015	9.9	13	-3.1
301006	1508403-19	Particulate as PM10		0.38	0.10	mg/sample	24000	0.016	mg/m3	8/06/2015	8/13/2015	8/14/2015	16	11	5
301007	1508403-20	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	8/10/2015	8/13/2015	8/14/2015			
301008	1508403-21	Particulate as PM10		0.42	0.10	mg/sample	24000	0.018	mg/m3	8/05/2015	8/13/2015	8/14/2015	18	14	4
301009	1508827-24	Particulate as PM10		0.56	0.10	mg/sample	24000	0.023	mg/m3	8/18/2015	8/26/2015	8/28/2015	23	25	-2
301010	1508603-17	Particulate as PM10		0.46	0.10	mg/sample	24000	0.019	mg/m3	8/17/2015	8/19/2015	8/20/2015	19	25	-6
301011	1508603-18	Particulate as PM10		0.26	0.10	mg/sample	24000	0.011	mg/m3	8/16/2015	8/19/2015	8/20/2015	11	15	-4
301012	1508603-19	Particulate as PM10		0.39	0.10	mg/sample	24000	0.016	mg/m3	8/15/2015	8/19/2015	8/20/2015	16	19	-3
301013	1508603-20	Particulate as PM10		0.33	0.10	mg/sample	24000	0.014	mg/m3	8/14/2015	8/19/2015	8/20/2015	14	18	-4
301014	1508603-21	Particulate as PM10		0.20	0.10	mg/sample	24000	0.0083	mg/m3	8/13/2015	8/19/2015	8/20/2015	8.3	10	-1.7
301015	1508603-22	Particulate as PM10		0.22	0.10	mg/sample	24000	0.0093	mg/m3	8/12/2015	8/19/2015	8/20/2015	9.3	12	-2.7

Sample ID	LabID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date	Cal Result in ug/m3	Scranton BAM reading	Difference
301016	1508603-23	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/20/2015			
301017	1509060-24	Particulate as PM10		0.34	0.10	mg/sample	24000	0.014	mg/m3	8/25/2015	9/02/2015	9/03/2015	14	14	0
301018	1508827-17	Particulate as PM10		0.45	0.10	mg/sample	24000	0.019	mg/m3	8/24/2015	8/26/2015	8/28/2015	19	19	0
301019	1508827-18	Particulate as PM10		0.22	0.10	mg/sample	24000	0.0092	mg/m3	8/23/2015	8/26/2015	8/28/2015	9.2	11	-1.8
301020	1508827-19	Particulate as PM10		0.21	0.10	mg/sample	24000	0.0089	mg/m3	8/22/2015	8/26/2015	8/28/2015	8.9	13	-4.1
301021	1508827-20	Particulate as PM10		0.26	0.10	mg/sample	24000	0.011	mg/m3	8/21/2015	8/26/2015	8/28/2015	11	10	1
301022	1508827-21	Particulate as PM10		0.20	0.10	mg/sample	24000	0.0084	mg/m3	8/20/2015	8/26/2015	8/28/2015	8.4	8	0.4
301023	1508827-22	Particulate as PM10		0.45	0.10	mg/sample	24000	0.019	mg/m3	8/19/2015	8/26/2015	8/28/2015	19	17	2
301024	1508827-23	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	8/19/2015	8/26/2015	8/28/2015			
301025	1509232-24	Particulate as PM10		0.58	0.10	mg/sample	24000	0.024	mg/m3	9/01/2015	9/09/2015	9/10/2015	24	26	-2
301026	1509060-17	Particulate as PM10		0.53	0.10	mg/sample	24000	0.022	mg/m3	8/31/2015	9/02/2015	9/03/2015	22	20	2
301027	1509060-18	Particulate as PM10		0.51	0.10	mg/sample	24000	0.021	mg/m3	8/30/2015	9/02/2015	9/03/2015	21	22	-1
301028	1509060-19	Particulate as PM10		0.83	0.10	mg/sample	24000	0.034	mg/m3	8/29/2015	9/02/2015	9/03/2015	34	21	13
301029	1509060-20	Particulate as PM10		0.37	0.10	mg/sample	24000	0.015	mg/m3	8/28/2015	9/02/2015	9/03/2015	15	15	0
301030	1509060-21	Particulate as PM10		0.23	0.10	mg/sample	24000	0.0098	mg/m3	8/27/2015	9/02/2015	9/03/2015	9.8	10	-0.2

Sample ID	LabID	Analyte	CA S	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date	Cal Result in ug/m3	Scranton BAM reading	Difference
301031	1509060-22	Particulate as PM10		0.33	0.10	mg/sample	24000	0.014	mg/m3	8/26/2015	9/02/2015	9/03/2015	14	12	2
301032	1509060-23	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/03/2015			
301034	1509232-17	Particulate as PM10		0.55	0.10	mg/sample	24000	0.023	mg/m3	9/07/2015	9/09/2015	9/10/2015	23	22	1
301035	1509232-18	Particulate as PM10		0.54	0.10	mg/sample	24000	0.023	mg/m3	9/06/2015	9/09/2015	9/10/2015	23	17	6
301036	1509232-19	Particulate as PM10		0.55	0.10	mg/sample	24000	0.023	mg/m3	9/05/2015	9/09/2015	9/10/2015	23	18	5
301037	1509232-20	Particulate as PM10		0.67	0.10	mg/sample	24000	0.028	mg/m3	9/04/2015	9/09/2015	9/10/2015	28	27	1
301038	1509232-21	Particulate as PM10		0.79	0.10	mg/sample	24000	0.033	mg/m3	9/03/2015	9/09/2015	9/10/2015	33	33	0
301040	1509232-23	Particulate as PM10		ND	0.10	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/10/2015			
302501	1508603-08	Particulate as PM2.5		0.12	0.050	mg/sample	24000	0.0050	mg/m3	8/11/2015	8/19/2015	8/20/2015	5	5.5	-0.5
302502	1508403-01	Particulate as PM2.5		0.16	0.050	mg/sample	24000	0.0069	mg/m3	8/10/2015	8/13/2015	8/14/2015	6.9	7.5	-0.6
302503	1508403-02	Particulate as PM2.5		0.16	0.050	mg/sample	24000	0.0068	mg/m3	8/09/2015	8/13/2015	8/14/2015	6.8	7.9	-1.1
302504	1508403-03	Particulate as PM2.5		0.14	0.050	mg/sample	24000	0.0060	mg/m3	8/08/2015	8/13/2015	8/14/2015	6	6.8	-0.8
302505	1508403-04	Particulate as PM2.5		0.12	0.050	mg/sample	24000	0.0052	mg/m3	8/07/2015	8/13/2015	8/14/2015	5.2	7.3	-2.1
302506	1508403-05	Particulate as PM2.5		0.12	0.050	mg/sample	24000	0.0052	mg/m3	8/06/2015	8/13/2015	8/14/2015	5.2	6	-0.8
302507	1508403-06	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	8/10/2015	8/13/2015	8/14/2015			

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302508	1508403-07	Particulate as PM2.5		0.16	0.050	mg/sample	24000	0.0067	mg/m3	8/05/2015	8/13/2015	8/14/2015	6.7	7.5	-0.8
302509	1508827-08	Particulate as PM2.5		0.40	0.050	mg/sample	24000	0.017	mg/m3	8/18/2015	8/26/2015	8/28/2015	17	19	-2
302510	1508603-01	Particulate as PM2.5		0.29	0.050	mg/sample	24000	0.012	mg/m3	8/17/2015	8/19/2015	8/20/2015	12	16.8	-4.8
302511	1508603-02	Particulate as PM2.5		0.38	0.050	mg/sample	24000	0.016	mg/m3	8/16/2015	8/19/2015	8/20/2015	16	9.2	6.8
302512	1508603-03	Particulate as PM2.5		0.48	0.050	mg/sample	24000	0.020	mg/m3	8/15/2015	8/19/2015	8/20/2015	20	11.8	8.2
302513	1508603-04	Particulate as PM2.5		0.41	0.050	mg/sample	24000	0.017	mg/m3	8/14/2015	8/19/2015	8/20/2015	17	9.8	7.2
302514	1508603-05	Particulate as PM2.5		0.29	0.050	mg/sample	24000	0.012	mg/m3	8/13/2015	8/19/2015	8/20/2015	12	5.4	6.6
302515	1508603-06	Particulate as PM2.5		0.34	0.050	mg/sample	24000	0.014	mg/m3	8/12/2015	8/19/2015	8/20/2015	14	6.9	7.1
302516	1508603-07	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/20/2015			
302517	1509060-08	Particulate as PM2.5		0.20	0.050	mg/sample	24000	0.0082	mg/m3	8/25/2015	9/02/2015	9/03/2015	8.2	6.7	1.5
302518	1508827-01	Particulate as PM2.5		0.33	0.050	mg/sample	24000	0.014	mg/m3	8/24/2015	8/26/2015	8/28/2015	14	10.2	3.8
302519	1508827-02	Particulate as PM2.5		0.17	0.050	mg/sample	24000	0.0072	mg/m3	8/23/2015	8/26/2015	8/28/2015	7.2	8.4	-1.2
302520	1508827-03	Particulate as PM2.5		0.13	0.050	mg/sample	24000	0.0055	mg/m3	8/22/2015	8/26/2015	8/28/2015	5.5	5.3	0.2
302521	1508827-04	Particulate as PM2.5		0.13	0.050	mg/sample	24000	0.0053	mg/m3	8/21/2015	8/26/2015	8/28/2015	5.3	4.2	1.1
302522	1508827-05	Particulate as PM2.5		0.16	0.050	mg/sample	24000	0.0066	mg/m3	8/20/2015	8/26/2015	8/28/2015	6.6	4.2	2.4

Sample ID	LabID	Analyte	CA S	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date	Cal Result in ug/m3	Scranton BAM reading	Difference
302523	1508827-06	Particulate as PM2.5		0.35	0.050	mg/sample	24000	0.015	mg/m3	8/19/2015	8/26/2015	8/28/2015	15	12.8	2.2
302524	1508827-07	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	8/19/2015	8/26/2015	8/28/2015			
302525	1509232-08	Particulate as PM2.5		0.42	0.050	mg/sample	24000	0.017	mg/m3	9/01/2015	9/09/2015	9/10/2015	17	20.1	-3.1
302526	1509060-01	Particulate as PM2.5		0.37	0.050	mg/sample	24000	0.015	mg/m3	8/31/2015	9/02/2015	9/03/2015	15	16.3	-1.3
302527	1509060-02	Particulate as PM2.5		0.42	0.050	mg/sample	24000	0.018	mg/m3	8/30/2015	9/02/2015	9/03/2015	18	16.6	1.4
302528	1509060-03	Particulate as PM2.5		0.28	0.050	mg/sample	24000	0.012	mg/m3	8/29/2015	9/02/2015	9/03/2015	12	10.7	1.3
302529	1509060-04	Particulate as PM2.5		0.12	0.050	mg/sample	24000	0.0052	mg/m3	8/28/2015	9/02/2015	9/03/2015	5.2	4.3	0.9
302530	1509060-05	Particulate as PM2.5		0.12	0.050	mg/sample	24000	0.0048	mg/m3	8/27/2015	9/02/2015	9/03/2015	4.8	4.4	0.4
302531	1509060-06	Particulate as PM2.5		0.14	0.050	mg/sample	24000	0.0060	mg/m3	8/26/2015	9/02/2015	9/03/2015	6	6.7	-0.7
302532	1509060-07	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/03/2015			
302534	1509232-01	Particulate as PM2.5		0.36	0.050	mg/sample	24000	0.015	mg/m3	9/07/2015	9/09/2015	9/10/2015	15	NA	
302535	1509232-02	Particulate as PM2.5		0.23	0.050	mg/sample	24000	0.0095	mg/m3	9/06/2015	9/09/2015	9/10/2015	9.5	8	1.5
302536	1509232-03	Particulate as PM2.5		0.24	0.050	mg/sample	24000	0.010	mg/m3	9/05/2015	9/09/2015	9/10/2015	10	12.2	-2.2
302537	1509232-04	Particulate as PM2.5		0.32	0.050	mg/sample	24000	0.013	mg/m3	9/04/2015	9/09/2015	9/10/2015	13	17.3	-4.3
302538	1509232-05	Particulate as PM2.5		0.42	0.050	mg/sample	24000	0.017	mg/m3	9/03/2015	9/09/2015	9/10/2015	17	24.3	-7.3

Sample ID	LabID	Analyte	CA S	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date	Cal Result in ug/m3	Scranton BAM reading	Difference
302540	1509232-07	Particulate as PM2.5		ND	0.050	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/10/2015			

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/05/2015	104008	1508409-14	Particulate as PM4		0.13	0.050	mg/sample	16000	7.9	µg/m3	0.0079	mg/m3	8/05/2015	8/13/2015	8/14/2015
8/06/2015	104006	1508409-12	Particulate as PM4		0.14	0.050	mg/sample	16000	9	µg/m3	0.009	mg/m3	8/06/2015	8/13/2015	8/14/2015
8/07/2015	104005	1508409-11	Particulate as PM4		0.14	0.050	mg/sample	16000	8.9	µg/m3	0.0089	mg/m3	8/07/2015	8/13/2015	8/14/2015
8/08/2015	104004	1508409-10	Particulate as PM4		0.11	0.050	mg/sample	16000	6.6	µg/m3	0.0066	mg/m3	8/08/2015	8/13/2015	8/14/2015
8/09/2015	104003	1508409-09	Particulate as PM4		0.12	0.050	mg/sample	16000	7.8	µg/m3	0.0078	mg/m3	8/09/2015	8/13/2015	8/14/2015
8/10/2015	104002	1508409-08	Particulate as PM4		0.087	0.050	mg/sample	16000	5.4	µg/m3	0.0054	mg/m3	8/10/2015	8/13/2015	8/14/2015
Blank	104007	1508409-13	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	8/09/2015	8/13/2015	8/14/2015
8/11/2015	104001	1508601-16	Particulate as PM4		0.078	0.050	mg/sample	16000	4.9	µg/m3	0.0049	mg/m3	8/11/2015	8/19/2015	8/20/2015
8/12/2015	104015	1508601-14	Particulate as PM4		0.084	0.050	mg/sample	16000	5.2	µg/m3	0.0052	mg/m3	8/12/2015	8/19/2015	8/20/2015
8/13/2015	104014	1508601-13	Particulate as PM4		0.066	0.050	mg/sample	16000	4.1	µg/m3	0.0041	mg/m3	8/13/2015	8/19/2015	8/20/2015
8/14/2015	104013	1508601-12	Particulate as PM4		0.17	0.050	mg/sample	16000	11	µg/m3	0.011	mg/m3	8/14/2015	8/19/2015	8/20/2015
8/15/2015	104012	1508601-11	Particulate as PM4		0.18	0.050	mg/sample	16000	12	µg/m3	0.012	mg/m3	8/15/2015	8/19/2015	8/20/2015
8/16/2015	104011	1508601-10	Particulate as PM4		0.12	0.050	mg/sample	16000	7.4	µg/m3	0.0074	mg/m3	8/16/2015	8/19/2015	8/20/2015
8/17/2015	104010	1508601-09	Particulate as PM4		0.22	0.050	mg/sample	16000	14	µg/m3	0.014	mg/m3	8/17/2015	8/19/2015	8/20/2015
Blank	104016	1508601-15	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	8/18/2015	8/19/2015	8/20/2015
8/18/2015	104009	1508825-16	Particulate as PM4		0.31	0.050	mg/sample	16000	20	µg/m3	0.02	mg/m3	8/18/2015	8/26/2015	8/28/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/19/2015	104023	1508825-14	Particulate as PM4		0.3	0.050	mg/sample	16000	19	µg/m3	0.019	mg/m3	8/19/2015	8/26/2015	8/28/2015
8/20/2015	104022	1508825-13	Particulate as PM4		0.15	0.050	mg/sample	16000	9.2	µg/m3	0.0092	mg/m3	8/20/2015	8/26/2015	8/28/2015
8/21/2015	104021	1508825-12	Particulate as PM4		0.083	0.050	mg/sample	16000	5.2	µg/m3	0.0052	mg/m3	8/21/2015	8/26/2015	8/28/2015
8/22/2015	104020	1508825-11	Particulate as PM4		0.087	0.050	mg/sample	16000	5.4	µg/m3	0.0054	mg/m3	8/22/2015	8/26/2015	8/28/2015
8/23/2015	104019	1508825-10	Particulate as PM4		0.12	0.050	mg/sample	16000	7.7	µg/m3	0.0077	mg/m3	8/23/2015	8/26/2015	8/28/2015
8/24/2015	104018	1508825-09	Particulate as PM4		0.29	0.050	mg/sample	16000	18	µg/m3	0.018	mg/m3	8/24/2015	8/26/2015	8/28/2015
Blank	104024	1508825-15	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	8/19/2015	8/26/2015	8/28/2015
8/25/2015	104017	1509058-16	Particulate as PM4		0.16	0.050	mg/sample	16000	10	µg/m3	0.01	mg/m3	8/25/2015	9/02/2015	9/03/2015
8/26/2015	104031	1509058-14	Particulate as PM4		0.12	0.050	mg/sample	16000	7.8	µg/m3	0.0078	mg/m3	8/26/2015	9/02/2015	9/03/2015
8/27/2015	104030	1509058-13	Particulate as PM4		0.077	0.050	mg/sample	16000	4.8	µg/m3	0.0048	mg/m3	8/27/2015	9/02/2015	9/03/2015
8/28/2015	104029	1509058-12	Particulate as PM4		0.095	0.050	mg/sample	16000	5.9	µg/m3	0.0059	mg/m3	8/28/2015	9/02/2015	9/03/2015
8/29/2015	104028	1509058-11	Particulate as PM4		0.17	0.050	mg/sample	16000	11	µg/m3	0.011	mg/m3	8/29/2015	9/02/2015	9/03/2015
8/30/2015	104027	1509058-10	Particulate as PM4		0.27	0.050	mg/sample	16000	17	µg/m3	0.017	mg/m3	8/30/2015	9/02/2015	9/03/2015
8/31/2015	104026	1509058-09	Particulate as PM4		0.25	0.050	mg/sample	16000	15	µg/m3	0.015	mg/m3	8/31/2015	9/02/2015	9/03/2015
Blank	104032	1509058-15	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	8/26/2015	9/02/2015	9/03/2015
9/01/2015	104025	1509230-16	Particulate as PM4		0.31	0.050	mg/sample	16000	19	µg/m3	0.019	mg/m3	9/01/2015	9/09/2015	9/10/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
9/02/2015	104039	1509230-14	Particulate as PM4		0.42	0.050	mg/sample	16000	26	µg/m3	0.026	mg/m3	9/02/2015	9/09/2015	9/10/2015
9/03/2015	104038	1509230-13	Particulate as PM4		0.41	0.050	mg/sample	16000	25	µg/m3	0.025	mg/m3	9/03/2015	9/09/2015	9/10/2015
9/04/2015	104037	1509230-12	Particulate as PM4		0.31	0.050	mg/sample	16000	19	µg/m3	0.019	mg/m3	9/04/2015	9/09/2015	9/10/2015
9/05/2015	104036	1509230-11	Particulate as PM4		0.25	0.050	mg/sample	16000	16	µg/m3	0.016	mg/m3	9/05/2015	9/09/2015	9/10/2015
9/06/2015	104035	1509230-10	Particulate as PM4		0.25	0.050	mg/sample	16000	15	µg/m3	0.015	mg/m3	9/06/2015	9/09/2015	9/10/2015
9/07/2015	104034	1509230-09	Particulate as PM4		0.3	0.050	mg/sample	16000	19	µg/m3	0.019	mg/m3	9/07/2015	9/09/2015	9/10/2015
Blank	104040	1509230-15	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	9/02/2015	9/09/2015	9/10/2015
9/08/2015	104033	1509530-17	Particulate as PM4		0.31	0.050	mg/sample	16000	19	µg/m3	0.019	mg/m3	9/08/2015	9/17/2015	9/18/2015
9/09/2015	104047	1509530-15	Particulate as PM4		0.2	0.050	mg/sample	16000	12	µg/m3	0.012	mg/m3	9/09/2015	9/17/2015	9/18/2015
9/10/2015	104046	1509530-14	Particulate as PM4		0.09	0.050	mg/sample	16000	5.6	µg/m3	0.0056	mg/m3	9/10/2015	9/17/2015	9/18/2015
9/11/2015	104045	1509530-13	Particulate as PM4		0.2	0.050	mg/sample	16000	12	µg/m3	0.012	mg/m3	9/11/2015	9/17/2015	9/18/2015
9/12/2015	104044	1509530-12	Particulate as PM4		0.11	0.050	mg/sample	16000	7.1	µg/m3	0.0071	mg/m3	9/12/2015	9/17/2015	9/18/2015
9/13/2015	104043	1509530-11	Particulate as PM4		0.053	0.050	mg/sample	16000	3.3	µg/m3	0.0033	mg/m3	9/13/2015	9/17/2015	9/18/2015
9/14/2015	104042	1509530-10	Particulate as PM4		0.099	0.050	mg/sample	16000	6.2	µg/m3	0.0062	mg/m3	9/14/2015	9/17/2015	9/18/2015
Blank	104048	1509530-16	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	9/09/2015	9/17/2015	9/18/2015
9/15/2015	101041	1509530-18	Particulate as PM4		0.14	0.050	mg/sample	16000	8.8	µg/m3	0.0088	mg/m3	9/15/2015	9/17/2015	9/18/2015

*PM 4.0 tested in accordance with Particulate Matter 40CFR 50 Appendix L.

Number of Samples	42
PM4 average over sampling period ($\mu\text{g}/\text{m}^3$)	11.267
Standard Deviation	5.987

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/05/2015	VOID														
8/06/2015	VOID														
8/07/2015	VOID														
8/08/2015	VOID														
8/09/2015	VOID														
8/10/2015	VOID														
Blank	VOID														
8/11/2015	VOID														
8/12/2015	VOID														
8/13/2015	204015	1508602-14	Particulate as PM4		0.093	0.050	mg/sample	16000	5.8	µg/m3	0.0058	mg/m3	8/13/2015	8/19/2015	8/20/2015
8/14/2015	204013	1508602-12	Particulate as PM4		0.15	0.050	mg/sample	16000	9.4	µg/m3	0.0094	mg/m3	8/14/2015	8/19/2015	8/20/2015
8/15/2015	204012	1508602-11	Particulate as PM4		0.24	0.050	mg/sample	16000	15	µg/m3	0.015	mg/m3	8/15/2015	8/19/2015	8/20/2015
8/16/2015	204011	1508602-10	Particulate as PM4		0.13	0.050	mg/sample	16000	8.2	µg/m3	0.0082	mg/m3	8/16/2015	8/19/2015	8/20/2015
8/17/2015	204010	1508602-09	Particulate as PM4		0.23	0.050	mg/sample	16000	14	µg/m3	0.014	mg/m3	8/17/2015	8/19/2015	8/20/2015
Blank	204014	1508602-13	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	8/18/2015	8/19/2015	8/20/2015
8/18/2015	204009	1508826-16	Particulate as PM4		0.3	0.050	mg/sample	16000	19	µg/m3	0.019	mg/m3	8/18/2015	8/26/2015	8/28/2015
8/19/2015	VOID														
8/20/2015	VOID														
8/21/2015	204021	1508826-12	Particulate as PM4		0.086	0.050	mg/sample	15900	5.4	µg/m3	0.0054	mg/m3	8/21/2015	8/26/2015	8/28/2015
8/22/2015	204020	1508826-11	Particulate as PM4		0.073	0.050	mg/sample	15900	4.6	µg/m3	0.0046	mg/m3	8/22/2015	8/26/2015	8/28/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/23/2015	204019	1508826-10	Particulate as PM4		0.11	0.050	mg/sample	15900	7.2	µg/m3	0.0072	mg/m3	8/23/2015	8/26/2015	8/28/2015
8/24/2015	204018	1508826-09	Particulate as PM4		0.24	0.050	mg/sample	16000	15	µg/m3	0.015	mg/m3	8/24/2015	8/26/2015	8/28/2015
Blank	204024	1508826-15	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	8/19/2015	8/26/2015	8/28/2015
8/25/2015	204017	1509059-16	Particulate as PM4		0.13	0.050	mg/sample	15900	8	µg/m3	0.008	mg/m3	8/25/2015	9/02/2015	9/03/2015
8/26/2015	204031	1509059-14	Particulate as PM4		0.086	0.050	mg/sample	15900	5.4	µg/m3	0.0054	mg/m3	8/26/2015	9/02/2015	9/03/2015
8/27/2015	204030	1509059-13	Particulate as PM4		0.064	0.050	mg/sample	15900	4	µg/m3	0.004	mg/m3	8/27/2015	9/02/2015	9/03/2015
8/28/2015	204029	1509059-12	Particulate as PM4		0.084	0.050	mg/sample	15900	5.3	µg/m3	0.0053	mg/m3	8/28/2015	9/02/2015	9/03/2015
8/29/2015	204028	1509059-11	Particulate as PM4		0.16	0.050	mg/sample	15900	10	µg/m3	0.01	mg/m3	8/29/2015	9/02/2015	9/03/2015
8/30/2015	204027	1509059-10	Particulate as PM4		0.26	0.050	mg/sample	15900	16	µg/m3	0.016	mg/m3	8/30/2015	9/02/2015	9/03/2015
8/31/2015	204026	1509059-09	Particulate as PM4		0.25	0.050	mg/sample	16000	16	µg/m3	0.016	mg/m3	8/31/2015	9/02/2015	9/03/2015
Blank	204032	1509059-15	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	8/26/2015	9/02/2015	9/03/2015
9/01/2015	204025	1509231-16	Particulate as PM4		0.3	0.050	mg/sample	15900	19	µg/m3	0.019	mg/m3	9/01/2015	9/09/2015	9/10/2015
9/02/2015	204039	1509231-14	Particulate as PM4		0.4	0.050	mg/sample	15900	25	µg/m3	0.025	mg/m3	9/02/2015	9/09/2015	9/10/2015
9/03/2015	VOID														
9/04/2015	VOID														
9/05/2015	204036	1509231-11	Particulate as PM4		0.28	0.050	mg/sample	15900	18	µg/m3	0.018	mg/m3	9/05/2015	9/09/2015	9/10/2015
9/06/2015	204035	1509231-10	Particulate as PM4		0.24	0.050	mg/sample	15900	15	µg/m3	0.015	mg/m3	9/06/2015	9/09/2015	9/10/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
9/07/2015	204034	1509231-09	Particulate as PM4		0.3	0.050	mg/sample	15900	19	µg/m3	0.019	mg/m3	9/07/2015	9/09/2015	9/10/2015
Blank	204040	1509231-15	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	9/02/2015	9/09/2015	9/10/2015
9/08/2015	204033	1509531-17	Particulate as PM4		0.32	0.050	mg/sample	15900	20	µg/m3	0.02	mg/m3	9/08/2015	9/17/2015	9/18/2015
9/09/2015	204047	1509531-15	Particulate as PM4		0.21	0.050	mg/sample	15900	13	µg/m3	0.013	mg/m3	9/09/2015	9/17/2015	9/18/2015
9/10/2015	204046	1509531-14	Particulate as PM4		0.13	0.050	mg/sample	15900	8.4	µg/m3	0.0084	mg/m3	9/10/2015	9/17/2015	9/18/2015
9/11/2015	204045	1509531-13	Particulate as PM4		0.13	0.050	mg/sample	15900	8.2	µg/m3	0.0082	mg/m3	9/11/2015	9/17/2015	9/18/2015
9/12/2015	204044	1509531-12	Particulate as PM4		0.13	0.050	mg/sample	15900	8	µg/m3	0.008	mg/m3	9/12/2015	9/17/2015	9/18/2015
9/13/2015	204043	1509531-11	Particulate as PM4		0.06	0.050	mg/sample	15900	3.8	µg/m3	0.0038	mg/m3	9/13/2015	9/17/2015	9/18/2015
9/14/2015	204042	1509531-10	Particulate as PM4		0.081	0.050	mg/sample	15900	5.1	µg/m3	0.0051	mg/m3	9/14/2015	9/17/2015	9/18/2015
Blank	204048	1509531-16	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	9/09/2015	9/17/2015	9/18/2015
9/15/2015	204041	1509531-18	Particulate as PM4		0.12	0.050	mg/sample	15900	7.4	µg/m3	0.0074	mg/m3	9/15/2015	9/17/2015	9/18/2015

*PM 4.0 tested in accordance with Particulate Matter 40CFR 50 Appendix L

Number of Samples	30
PM4 average over sampling period (µg/m3)	11.273
Standard Deviation	5.863

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/05/2015	304008	1508403-14	Particulate as PM4		0.13	0.050	mg/sample	16000	8.4	µg/m3	0.0084	mg/m3	8/05/2015	8/13/2015	8/14/2015
8/06/2015	304006	1508403-12	Particulate as PM4		0.091	0.050	mg/sample	16000	5.7	µg/m3	0.0057	mg/m3	8/06/2015	8/13/2015	8/14/2015
8/07/2015	304005	1508403-11	Particulate as PM4		0.11	0.050	mg/sample	16000	6.8	µg/m3	0.0068	mg/m3	8/07/2015	8/13/2015	8/14/2015
8/08/2015	304004	1508403-10	Particulate as PM4		0.094	0.050	mg/sample	16000	5.9	µg/m3	0.0059	mg/m3	8/08/2015	8/13/2015	8/14/2015
8/09/2015	304003	1508403-09	Particulate as PM4		0.1	0.050	mg/sample	16000	6.2	µg/m3	0.0062	mg/m3	8/09/2015	8/13/2015	8/14/2015
8/10/2015	304002	1508403-08	Particulate as PM4		0.1	0.050	mg/sample	16000	6.3	µg/m3	0.0063	mg/m3	8/10/2015	8/13/2015	8/14/2015
Blank	304007	1508403-13	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	8/10/2015	8/13/2015	8/14/2015
8/11/2015	304001	1508603-16	Particulate as PM4		0.11	0.050	mg/sample	16000	7	µg/m3	0.007	mg/m3	8/11/2015	8/19/2015	8/20/2015
8/12/2015	304015	1508603-14	Particulate as PM4		0.17	0.050	mg/sample	16000	10	µg/m3	0.01	mg/m3	8/12/2015	8/19/2015	8/20/2015
8/13/2015	304014	1508603-13	Particulate as PM4		0.081	0.050	mg/sample	16000	5.1	µg/m3	0.0051	mg/m3	8/13/2015	8/19/2015	8/20/2015
8/14/2015	304013	1508603-12	Particulate as PM4		0.16	0.050	mg/sample	16000	9.7	µg/m3	0.0097	mg/m3	8/14/2015	8/19/2015	8/20/2015
8/15/2015	304012	1508603-11	Particulate as PM4		0.2	0.050	mg/sample	16000	13	µg/m3	0.013	mg/m3	8/15/2015	8/19/2015	8/20/2015
8/16/2015	304011	1508603-10	Particulate as PM4		0.13	0.050	mg/sample	16000	8.1	µg/m3	0.0081	mg/m3	8/16/2015	8/19/2015	8/20/2015
8/17/2015	304010	1508603-09	Particulate as PM4		0.21	0.050	mg/sample	16000	13	µg/m3	0.013	mg/m3	8/17/2015	8/19/2015	8/20/2015
Blank	304016	1508603-15	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	8/18/2015	8/19/2015	8/20/2015
8/18/2015	304009	1508827-16	Particulate as PM4		0.28	0.050	mg/sample	16000	17	µg/m3	0.017	mg/m3	8/18/2015	8/26/2015	8/28/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
9/03/2015	304038	1509232-13	Particulate as PM4		0.36	0.050	mg/sample	16000	22	µg/m3	0.022	mg/m3	9/03/2015	9/09/2015	9/10/2015
9/04/2015	304037	1509232-12	Particulate as PM4		0.28	0.050	mg/sample	16000	18	µg/m3	0.018	mg/m3	9/04/2015	9/09/2015	9/10/2015
9/05/2015	304036	1509232-11	Particulate as PM4		0.23	0.050	mg/sample	16000	15	µg/m3	0.015	mg/m3	9/05/2015	9/09/2015	9/10/2015
9/06/2015	304035	1509232-10	Particulate as PM4		0.22	0.050	mg/sample	16000	14	µg/m3	0.014	mg/m3	9/06/2015	9/09/2015	9/10/2015
9/07/2015	304034	1509232-09	Particulate as PM4		0.28	0.050	mg/sample	16000	18	µg/m3	0.018	mg/m3	9/07/2015	9/09/2015	9/10/2015
Blank	304040	1509232-15	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	9/02/2015	9/09/2015	9/10/2015
9/08/2015	304033	1509532-17	Particulate as PM4		0.32	0.050	mg/sample	16000	20	µg/m3	0.02	mg/m3	9/08/2015	9/17/2015	9/18/2015
9/09/2015	304047	1509532-15	Particulate as PM4		0.18	0.050	mg/sample	15900	12	µg/m3	0.012	mg/m3	9/09/2015	9/17/2015	9/18/2015
9/10/2015	304046	1509532-14	Particulate as PM4		0.14	0.050	mg/sample	16000	8.5	µg/m3	0.0085	mg/m3	9/10/2015	9/17/2015	9/18/2015
9/11/2015	304045	1509532-13	Particulate as PM4		0.11	0.050	mg/sample	16000	7.1	µg/m3	0.0071	mg/m3	9/11/2015	9/17/2015	9/18/2015
9/12/2015	304044	1509532-12	Particulate as PM4		0.11	0.050	mg/sample	16000	6.9	µg/m3	0.0069	mg/m3	9/12/2015	9/17/2015	9/18/2015
9/13/2015	304043	1509532-11	Particulate as PM4		0.096	0.050	mg/sample	16000	6	µg/m3	0.006	mg/m3	9/13/2015	9/17/2015	9/18/2015
9/14/2015	304042	1509532-10	Particulate as PM4		0	0.050	mg/sample	16000	0	µg/m3	0	mg/m3	9/14/2015	9/17/2015	9/18/2015
Blank	304048	1509532-16	Particulate as PM4		ND	0.050	mg/sample	0	NA	µg/m3	NA	mg/m3	9/09/2015	9/17/2015	9/18/2015
9/15/2015	304041	1509532-18	Particulate as PM4		0.11	0.050	mg/sample	16000	7.1	µg/m3	0.0071	mg/m3	9/15/2015	9/17/2015	9/18/2015

*PM 4.0 tested in accordance with Particulate Matter 40CFR 50 Appendix L

Number of Samples	41
PM4 average over sampling period (mg/m3)	10.044
Standard Deviation	5.170
** The 9/14/15 sample should be considered suspect due to the PM4 result being less than both the PM10 and PM2.5.	

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/05/2015	104008	1508409-14	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/05/2015	8/13/2015	8/25/2015
8/05/2015	104008	1508409-14	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/05/2015	8/13/2015	8/25/2015
8/05/2015	104008	1508409-14	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/05/2015	8/13/2015	8/25/2015
8/06/2015	104006	1508409-12	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/06/2015	8/13/2015	8/25/2015
8/06/2015	104006	1508409-12	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/06/2015	8/13/2015	8/25/2015
8/06/2015	104006	1508409-12	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/06/2015	8/13/2015	8/25/2015
8/07/2015	104005	1508409-11	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/07/2015	8/13/2015	8/25/2015
8/07/2015	104005	1508409-11	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/07/2015	8/13/2015	8/25/2015
8/07/2015	104005	1508409-11	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/07/2015	8/13/2015	8/25/2015
8/08/2015	104004	1508409-10	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/08/2015	8/13/2015	8/25/2015
8/08/2015	104004	1508409-10	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/08/2015	8/13/2015	8/25/2015
8/08/2015	104004	1508409-10	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/08/2015	8/13/2015	8/25/2015
8/09/2015	104003	1508409-09	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/09/2015	8/13/2015	8/25/2015
8/09/2015	104003	1508409-09	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/09/2015	8/13/2015	8/25/2015
8/09/2015	104003	1508409-09	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/09/2015	8/13/2015	8/25/2015
8/10/2015	104002	1508409-08	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/10/2015	8/13/2015	8/25/2015
8/10/2015	104002	1508409-08	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/10/2015	8/13/2015	8/25/2015
8/10/2015	104002	1508409-08	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/10/2015	8/13/2015	8/25/2015
Blank	104007	1508409-13	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	8/09/2015	8/13/2015	8/25/2015
Blank	104007	1508409-13	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	8/09/2015	8/13/2015	8/25/2015
Blank	104007	1508409-13	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	8/09/2015	8/13/2015	8/25/2015
8/11/2015	104001	1508601-16	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/11/2015	8/19/2015	8/28/2015
8/11/2015	104001	1508601-16	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/11/2015	8/19/2015	8/28/2015
8/11/2015	104001	1508601-16	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/11/2015	8/19/2015	8/28/2015
8/12/2015	104015	1508601-14	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/12/2015	8/19/2015	8/28/2015
8/12/2015	104015	1508601-14	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/12/2015	8/19/2015	8/28/2015
8/12/2015	104015	1508601-14	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/12/2015	8/19/2015	8/28/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/13/2015	104014	1508601-13	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/13/2015	8/19/2015	8/28/2015
8/13/2015	104014	1508601-13	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/13/2015	8/19/2015	8/28/2015
8/13/2015	104014	1508601-13	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/13/2015	8/19/2015	8/28/2015
8/14/2015	104013	1508601-12	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/14/2015	8/19/2015	8/28/2015
8/14/2015	104013	1508601-12	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/14/2015	8/19/2015	8/28/2015
8/14/2015	104013	1508601-12	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/14/2015	8/19/2015	8/28/2015
8/15/2015	104012	1508601-11	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/15/2015	8/19/2015	8/28/2015
8/15/2015	104012	1508601-11	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/15/2015	8/19/2015	8/28/2015
8/15/2015	104012	1508601-11	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/15/2015	8/19/2015	8/28/2015
8/16/2015	104011	1508601-10	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/16/2015	8/19/2015	8/28/2015
8/16/2015	104011	1508601-10	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/16/2015	8/19/2015	8/28/2015
8/16/2015	104011	1508601-10	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/16/2015	8/19/2015	8/28/2015
8/17/2015	104010	1508601-09	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/17/2015	8/19/2015	8/28/2015
8/17/2015	104010	1508601-09	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/17/2015	8/19/2015	8/28/2015
8/17/2015	104010	1508601-09	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/17/2015	8/19/2015	8/28/2015
Blank	104016	1508601-15	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/28/2015
Blank	104016	1508601-15	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/28/2015
Blank	104016	1508601-15	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/28/2015
8/18/2015	104009	1508825-16	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/18/2015	8/26/2015	9/03/2015
8/18/2015	104009	1508825-16	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/18/2015	8/26/2015	9/03/2015
8/18/2015	104009	1508825-16	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/18/2015	8/26/2015	9/03/2015
8/19/2015	104023	1508825-14	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/19/2015	8/26/2015	9/03/2015
8/19/2015	104023	1508825-14	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/19/2015	8/26/2015	9/03/2015
8/19/2015	104023	1508825-14	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/19/2015	8/26/2015	9/03/2015
8/20/2015	104022	1508825-13	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/20/2015	8/26/2015	9/03/2015
8/20/2015	104022	1508825-13	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/20/2015	8/26/2015	9/03/2015
8/20/2015	104022	1508825-13	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/20/2015	8/26/2015	9/03/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/21/2015	104021	1508825-12	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/21/2015	8/26/2015	9/03/2015
8/21/2015	104021	1508825-12	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/21/2015	8/26/2015	9/03/2015
8/21/2015	104021	1508825-12	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/21/2015	8/26/2015	9/03/2015
8/22/2015	104020	1508825-11	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/22/2015	8/26/2015	9/03/2015
8/22/2015	104020	1508825-11	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/22/2015	8/26/2015	9/03/2015
8/22/2015	104020	1508825-11	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/22/2015	8/26/2015	9/03/2015
8/23/2015	104019	1508825-10	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/23/2015	8/26/2015	9/03/2015
8/23/2015	104019	1508825-10	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/23/2015	8/26/2015	9/03/2015
8/23/2015	104019	1508825-10	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/23/2015	8/26/2015	9/03/2015
8/24/2015	104018	1508825-09	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/24/2015	8/26/2015	9/03/2015
8/24/2015	104018	1508825-09	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/24/2015	8/26/2015	9/03/2015
8/24/2015	104018	1508825-09	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/24/2015	8/26/2015	9/03/2015
Blank	104024	1508825-15	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	8/19/2015	8/26/2015	9/03/2015
Blank	104024	1508825-15	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	8/19/2015	8/26/2015	9/03/2015
Blank	104024	1508825-15	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	8/19/2015	8/26/2015	9/03/2015
8/25/2015	104017	1509058-16	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/25/2015	9/02/2015	9/09/2015
8/25/2015	104017	1509058-16	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/25/2015	9/02/2015	9/09/2015
8/25/2015	104017	1509058-16	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/25/2015	9/02/2015	9/09/2015
8/26/2015	104031	1509058-14	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/26/2015	9/02/2015	9/09/2015
8/26/2015	104031	1509058-14	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/26/2015	9/02/2015	9/09/2015
8/26/2015	104031	1509058-14	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/26/2015	9/02/2015	9/09/2015
8/27/2015	104030	1509058-13	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/27/2015	9/02/2015	9/09/2015
8/27/2015	104030	1509058-13	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/27/2015	9/02/2015	9/09/2015
8/27/2015	104030	1509058-13	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/27/2015	9/02/2015	9/09/2015
8/28/2015	104029	1509058-12	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/28/2015	9/02/2015	9/09/2015
8/28/2015	104029	1509058-12	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/28/2015	9/02/2015	9/09/2015
8/28/2015	104029	1509058-12	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/28/2015	9/02/2015	9/09/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/29/2015	104028	1509058-11	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/29/2015	9/02/2015	9/09/2015
8/29/2015	104028	1509058-11	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/29/2015	9/02/2015	9/09/2015
8/29/2015	104028	1509058-11	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/29/2015	9/02/2015	9/09/2015
8/30/2015	104027	1509058-10	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/30/2015	9/02/2015	9/09/2015
8/30/2015	104027	1509058-10	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/30/2015	9/02/2015	9/09/2015
8/30/2015	104027	1509058-10	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/30/2015	9/02/2015	9/09/2015
8/31/2015	104026	1509058-09	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/31/2015	9/02/2015	9/09/2015
8/31/2015	104026	1509058-09	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/31/2015	9/02/2015	9/09/2015
8/31/2015	104026	1509058-09	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/31/2015	9/02/2015	9/09/2015
Blank	104032	1509058-15	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/09/2015
Blank	104032	1509058-15	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/09/2015
Blank	104032	1509058-15	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/09/2015
9/01/2015	104025	1509230-16	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/01/2015	9/09/2015	9/17/2015
9/01/2015	104025	1509230-16	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/01/2015	9/09/2015	9/17/2015
9/01/2015	104025	1509230-16	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/01/2015	9/09/2015	9/17/2015
9/02/2015	104039	1509230-14	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/02/2015	9/09/2015	9/17/2015
9/02/2015	104039	1509230-14	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/02/2015	9/09/2015	9/17/2015
9/02/2015	104039	1509230-14	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/02/2015	9/09/2015	9/17/2015
9/03/2015	104038	1509230-13	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/03/2015	9/09/2015	9/17/2015
9/03/2015	104038	1509230-13	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/03/2015	9/09/2015	9/17/2015
9/03/2015	104038	1509230-13	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/03/2015	9/09/2015	9/17/2015
9/04/2015	104037	1509230-12	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/04/2015	9/09/2015	9/17/2015
9/04/2015	104037	1509230-12	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/04/2015	9/09/2015	9/17/2015
9/04/2015	104037	1509230-12	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/04/2015	9/09/2015	9/17/2015
9/05/2015	104036	1509230-11	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/05/2015	9/09/2015	9/17/2015
9/05/2015	104036	1509230-11	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/05/2015	9/09/2015	9/17/2015
9/05/2015	104036	1509230-11	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/05/2015	9/09/2015	9/17/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
9/06/2015	104035	1509230-10	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/06/2015	9/09/2015	9/17/2015
9/06/2015	104035	1509230-10	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/06/2015	9/09/2015	9/17/2015
9/06/2015	104035	1509230-10	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/06/2015	9/09/2015	9/17/2015
9/07/2015	104034	1509230-09	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/07/2015	9/09/2015	9/17/2015
9/07/2015	104034	1509230-09	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/07/2015	9/09/2015	9/17/2015
9/07/2015	104034	1509230-09	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/07/2015	9/09/2015	9/17/2015
Blank	104040	1509230-15	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/17/2015
Blank	104040	1509230-15	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/17/2015
Blank	104040	1509230-15	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/17/2015
9/08/2015	104033	1509530-17	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/08/2015	9/17/2015	10/01/2015
9/08/2015	104033	1509530-17	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/08/2015	9/17/2015	10/01/2015
9/08/2015	104033	1509530-17	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/08/2015	9/17/2015	10/01/2015
9/09/2015	104047	1509530-15	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/09/2015	9/17/2015	10/01/2015
9/09/2015	104047	1509530-15	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/09/2015	9/17/2015	10/01/2015
9/09/2015	104047	1509530-15	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/09/2015	9/17/2015	10/01/2015
9/10/2015	104046	1509530-14	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/10/2015	9/17/2015	10/01/2015
9/10/2015	104046	1509530-14	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/10/2015	9/17/2015	10/01/2015
9/10/2015	104046	1509530-14	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/10/2015	9/17/2015	10/01/2015
9/11/2015	104045	1509530-13	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/11/2015	9/17/2015	10/01/2015
9/11/2015	104045	1509530-13	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/11/2015	9/17/2015	10/01/2015
9/11/2015	104045	1509530-13	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/11/2015	9/17/2015	10/01/2015
9/12/2015	104044	1509530-12	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/12/2015	9/17/2015	10/01/2015
9/12/2015	104044	1509530-12	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/12/2015	9/17/2015	10/01/2015
9/12/2015	104044	1509530-12	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/12/2015	9/17/2015	10/01/2015
9/13/2015	104043	1509530-11	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/13/2015	9/17/2015	10/01/2015
9/13/2015	104043	1509530-11	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/13/2015	9/17/2015	10/01/2015
9/13/2015	104043	1509530-11	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/13/2015	9/17/2015	10/01/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
9/14/2015	104042	1509530-10	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/14/2015	9/17/2015	10/01/2015
9/14/2015	104042	1509530-10	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/14/2015	9/17/2015	10/01/2015
9/14/2015	104042	1509530-10	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/14/2015	9/17/2015	10/01/2015
Blank	104048	1509530-16	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	9/09/2015	9/17/2015	10/01/2015
Blank	104048	1509530-16	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	9/09/2015	9/17/2015	10/01/2015
Blank	104048	1509530-16	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	9/09/2015	9/17/2015	10/01/2015
9/15/2015	101041	1509530-18	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/15/2015	9/17/2015	10/01/2015
9/15/2015	101041	1509530-18	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/15/2015	9/17/2015	10/01/2015
9/15/2015	101041	1509530-18	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/15/2015	9/17/2015	10/01/2015

*Silica tested by NIOSH 7500 Modified

Number of Samples	42
Sample results for all samples were non-detects (ND)	

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/05/2015	VOID												
8/05/2015	VOID												
8/05/2015	VOID												
8/06/2015	VOID												
8/06/2015	VOID												
8/06/2015	VOID												
8/07/2015	VOID												
8/07/2015	VOID												
8/07/2015	VOID												
8/08/2015	VOID												
8/08/2015	VOID												
8/08/2015	VOID												
8/09/2015	VOID												
8/09/2015	VOID												
8/09/2015	VOID												
8/10/2015	VOID												
8/10/2015	VOID												
8/10/2015	VOID												
Blank	VOID												
Blank	VOID												
Blank	VOID												
8/11/2015	VOID												
8/11/2015	VOID												
8/11/2015	VOID												
8/12/2015	VOID												
8/12/2015	VOID												
8/12/2015	VOID												
8/13/2015	204015	1508602-14	Quartz		0.011	0.010	mg/sample	16000	0.00069*	mg/m3	8/13/2015	8/19/2015	8/30/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/13/2015	204015	1508602-14	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/13/2015	8/19/2015	8/30/2015
8/13/2015	204015	1508602-14	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/13/2015	8/19/2015	8/30/2015
8/14/2015	204013	1508602-12	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/14/2015	8/19/2015	8/30/2015
8/14/2015	204013	1508602-12	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/14/2015	8/19/2015	8/30/2015
8/14/2015	204013	1508602-12	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/14/2015	8/19/2015	8/30/2015
8/15/2015	204012	1508602-11	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/15/2015	8/19/2015	8/30/2015
8/15/2015	204012	1508602-11	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/15/2015	8/19/2015	8/30/2015
8/15/2015	204012	1508602-11	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/15/2015	8/19/2015	8/30/2015
8/16/2015	204011	1508602-10	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/16/2015	8/19/2015	8/30/2015
8/16/2015	204011	1508602-10	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/16/2015	8/19/2015	8/30/2015
8/16/2015	204011	1508602-10	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/16/2015	8/19/2015	8/30/2015
8/17/2015	204010	1508602-09	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/17/2015	8/19/2015	8/30/2015
8/17/2015	204010	1508602-09	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/17/2015	8/19/2015	8/30/2015
8/17/2015	204010	1508602-09	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/17/2015	8/19/2015	8/30/2015
Blank	204014	1508602-13	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/30/2015
Blank	204014	1508602-13	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/30/2015
Blank	204014	1508602-13	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/30/2015
8/18/2015	204009	1508826-16	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/18/2015	8/26/2015	9/03/2015
8/18/2015	204009	1508826-16	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/18/2015	8/26/2015	9/03/2015
8/18/2015	204009	1508826-16	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/18/2015	8/26/2015	9/03/2015
8/19/2015	VOID												
8/19/2015	VOID												
8/19/2015	VOID												
8/20/2015	VOID												
8/20/2015	VOID												
8/20/2015	VOID												
8/21/2015	204021	1508826-12	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	8/21/2015	8/26/2015	9/03/2015
8/21/2015	204021	1508826-12	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/21/2015	8/26/2015	9/03/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/21/2015	204021	1508826-12	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/21/2015	8/26/2015	9/03/2015
8/22/2015	204020	1508826-11	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/22/2015	8/26/2015	9/03/2015
8/22/2015	204020	1508826-11	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	8/22/2015	8/26/2015	9/03/2015
8/22/2015	204020	1508826-11	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/22/2015	8/26/2015	9/03/2015
8/23/2015	204019	1508826-10	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/23/2015	8/26/2015	9/03/2015
8/23/2015	204019	1508826-10	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	8/23/2015	8/26/2015	9/03/2015
8/23/2015	204019	1508826-10	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/23/2015	8/26/2015	9/03/2015
8/24/2015	204018	1508826-09	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/24/2015	8/26/2015	9/03/2015
8/24/2015	204018	1508826-09	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/24/2015	8/26/2015	9/03/2015
8/24/2015	204018	1508826-09	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/24/2015	8/26/2015	9/03/2015
Blank	204024	1508826-15	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	8/19/2015	8/26/2015	9/03/2015
Blank	204024	1508826-15	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	8/19/2015	8/26/2015	9/03/2015
Blank	204024	1508826-15	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	8/19/2015	8/26/2015	9/03/2015
8/25/2015	204017	1509059-16	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/25/2015	9/02/2015	9/09/2015
8/25/2015	204017	1509059-16	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	8/25/2015	9/02/2015	9/09/2015
8/25/2015	204017	1509059-16	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/25/2015	9/02/2015	9/09/2015
8/26/2015	204031	1509059-14	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/26/2015	9/02/2015	9/09/2015
8/26/2015	204031	1509059-14	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	8/26/2015	9/02/2015	9/09/2015
8/26/2015	204031	1509059-14	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/26/2015	9/02/2015	9/09/2015
8/27/2015	204030	1509059-13	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/27/2015	9/02/2015	9/09/2015
8/27/2015	204030	1509059-13	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	8/27/2015	9/02/2015	9/09/2015
8/27/2015	204030	1509059-13	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/27/2015	9/02/2015	9/09/2015
8/28/2015	204029	1509059-12	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	8/28/2015	9/02/2015	9/09/2015
8/28/2015	204029	1509059-12	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/28/2015	9/02/2015	9/09/2015
8/28/2015	204029	1509059-12	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/28/2015	9/02/2015	9/09/2015
8/29/2015	204028	1509059-11	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/29/2015	9/02/2015	9/09/2015
8/29/2015	204028	1509059-11	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	8/29/2015	9/02/2015	9/09/2015
8/29/2015	204028	1509059-11	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/29/2015	9/02/2015	9/09/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/30/2015	204027	1509059-10	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/30/2015	9/02/2015	9/09/2015
8/30/2015	204027	1509059-10	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	8/30/2015	9/02/2015	9/09/2015
8/30/2015	204027	1509059-10	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/30/2015	9/02/2015	9/09/2015
8/31/2015	204026	1509059-09	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/31/2015	9/02/2015	9/09/2015
8/31/2015	204026	1509059-09	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/31/2015	9/02/2015	9/09/2015
8/31/2015	204026	1509059-09	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/31/2015	9/02/2015	9/09/2015
Blank	204032	1509059-15	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/09/2015
Blank	204032	1509059-15	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/09/2015
Blank	204032	1509059-15	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/09/2015
9/01/2015	204025	1509231-16	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/01/2015	9/09/2015	9/16/2015
9/01/2015	204025	1509231-16	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/01/2015	9/09/2015	9/16/2015
9/01/2015	204025	1509231-16	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/01/2015	9/09/2015	9/16/2015
9/02/2015	204039	1509231-14	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/02/2015	9/09/2015	9/16/2015
9/02/2015	204039	1509231-14	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/02/2015	9/09/2015	9/16/2015
9/02/2015	204039	1509231-14	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/02/2015	9/09/2015	9/16/2015
9/03/2015	VOID												
9/03/2015	VOID												
9/03/2015	VOID												
9/04/2015	VOID												
9/04/2015	VOID												
9/04/2015	VOID												
9/05/2015	204036	1509231-11	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/05/2015	9/09/2015	9/16/2015
9/05/2015	204036	1509231-11	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/05/2015	9/09/2015	9/16/2015
9/05/2015	204036	1509231-11	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/05/2015	9/09/2015	9/16/2015
9/06/2015	204035	1509231-10	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/06/2015	9/09/2015	9/16/2015
9/06/2015	204035	1509231-10	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/06/2015	9/09/2015	9/16/2015
9/06/2015	204035	1509231-10	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/06/2015	9/09/2015	9/16/2015
9/07/2015	204034	1509231-09	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/07/2015	9/09/2015	9/16/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
9/07/2015	204034	1509231-09	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/07/2015	9/09/2015	9/16/2015
9/07/2015	204034	1509231-09	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/07/2015	9/09/2015	9/16/2015
Blank	204040	1509231-15	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/16/2015
Blank	204040	1509231-15	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/16/2015
Blank	204040	1509231-15	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/16/2015
9/08/2015	204033	1509531-17	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/08/2015	9/17/2015	9/29/2015
9/08/2015	204033	1509531-17	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/08/2015	9/17/2015	9/29/2015
9/08/2015	204033	1509531-17	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/08/2015	9/17/2015	9/29/2015
9/09/2015	204047	1509531-15	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/09/2015	9/17/2015	9/29/2015
9/09/2015	204047	1509531-15	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/09/2015	9/17/2015	9/29/2015
9/09/2015	204047	1509531-15	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/09/2015	9/17/2015	9/29/2015
9/10/2015	204046	1509531-14	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/10/2015	9/17/2015	9/29/2015
9/10/2015	204046	1509531-14	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/10/2015	9/17/2015	9/29/2015
9/10/2015	204046	1509531-14	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/10/2015	9/17/2015	9/29/2015
9/11/2015	204045	1509531-13	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/11/2015	9/17/2015	9/29/2015
9/11/2015	204045	1509531-13	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/11/2015	9/17/2015	9/29/2015
9/11/2015	204045	1509531-13	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/11/2015	9/17/2015	9/29/2015
9/12/2015	204044	1509531-12	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/12/2015	9/17/2015	9/29/2015
9/12/2015	204044	1509531-12	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/12/2015	9/17/2015	9/29/2015
9/12/2015	204044	1509531-12	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/12/2015	9/17/2015	9/29/2015
9/13/2015	204043	1509531-11	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/13/2015	9/17/2015	9/29/2015
9/13/2015	204043	1509531-11	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/13/2015	9/17/2015	9/29/2015
9/13/2015	204043	1509531-11	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/13/2015	9/17/2015	9/29/2015
9/14/2015	204042	1509531-10	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/14/2015	9/17/2015	9/29/2015
9/14/2015	204042	1509531-10	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/14/2015	9/17/2015	9/29/2015
9/14/2015	204042	1509531-10	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/14/2015	9/17/2015	9/29/2015
Blank	204048	1509531-16	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	9/09/2015	9/17/2015	9/29/2015
Blank	204048	1509531-16	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	9/09/2015	9/17/2015	9/29/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
Blank	204048	1509531-16	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	9/09/2015	9/17/2015	9/29/2015
9/15/2015	204041	1509531-18	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/15/2015	9/17/2015	9/29/2015
9/15/2015	204041	1509531-18	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/15/2015	9/17/2015	9/29/2015
9/15/2015	204041	1509531-18	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/15/2015	9/17/2015	9/29/2015

*Silica tested by NIOSH 7500 Modified

Number of Samples	30
**Sample results for all samples were non-detects (ND) except the 8/13/15 sample which had of result of 0.69 mg/m3 of Quartz	

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/05/2015	304008	1508403-14	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/05/2015	8/13/2015	8/26/2015
8/05/2015	304008	1508403-14	Quartz		0.011	0.010	mg/sample	16000	0.00069*	mg/m3	8/05/2015	8/13/2015	8/26/2015
8/05/2015	304008	1508403-14	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/05/2015	8/13/2015	8/26/2015
8/06/2015	304006	1508403-12	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/06/2015	8/13/2015	8/26/2015
8/06/2015	304006	1508403-12	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/06/2015	8/13/2015	8/26/2015
8/06/2015	304006	1508403-12	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/06/2015	8/13/2015	8/26/2015
8/07/2015	304005	1508403-11	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/07/2015	8/13/2015	8/26/2015
8/07/2015	304005	1508403-11	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/07/2015	8/13/2015	8/26/2015
8/07/2015	304005	1508403-11	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/07/2015	8/13/2015	8/26/2015
8/08/2015	304004	1508403-10	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/08/2015	8/13/2015	8/26/2015
8/08/2015	304004	1508403-10	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/08/2015	8/13/2015	8/26/2015
8/08/2015	304004	1508403-10	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/08/2015	8/13/2015	8/26/2015
8/09/2015	304003	1508403-09	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/09/2015	8/13/2015	8/26/2015
8/09/2015	304003	1508403-09	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/09/2015	8/13/2015	8/26/2015
8/09/2015	304003	1508403-09	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/09/2015	8/13/2015	8/26/2015
8/10/2015	304002	1508403-08	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/10/2015	8/13/2015	8/26/2015
8/10/2015	304002	1508403-08	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/10/2015	8/13/2015	8/26/2015
8/10/2015	304002	1508403-08	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/10/2015	8/13/2015	8/26/2015
Blank	304007	1508403-13	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	8/10/2015	8/13/2015	8/26/2015
Blank	304007	1508403-13	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	8/10/2015	8/13/2015	8/26/2015
Blank	304007	1508403-13	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	8/10/2015	8/13/2015	8/26/2015
8/11/2015	304001	1508603-16	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/11/2015	8/19/2015	8/30/2015
8/11/2015	304001	1508603-16	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/11/2015	8/19/2015	8/30/2015
8/11/2015	304001	1508603-16	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/11/2015	8/19/2015	8/30/2015
8/12/2015	304015	1508603-14	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/12/2015	8/19/2015	8/30/2015
8/12/2015	304015	1508603-14	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/12/2015	8/19/2015	8/30/2015
8/12/2015	304015	1508603-14	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/12/2015	8/19/2015	8/30/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/13/2015	304014	1508603-13	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/13/2015	8/19/2015	8/30/2015
8/13/2015	304014	1508603-13	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/13/2015	8/19/2015	8/30/2015
8/13/2015	304014	1508603-13	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/13/2015	8/19/2015	8/30/2015
8/14/2015	304013	1508603-12	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/14/2015	8/19/2015	8/30/2015
8/14/2015	304013	1508603-12	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/14/2015	8/19/2015	8/30/2015
8/14/2015	304013	1508603-12	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/14/2015	8/19/2015	8/30/2015
8/15/2015	304012	1508603-11	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/15/2015	8/19/2015	8/30/2015
8/15/2015	304012	1508603-11	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/15/2015	8/19/2015	8/30/2015
8/15/2015	304012	1508603-11	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/15/2015	8/19/2015	8/30/2015
8/16/2015	304011	1508603-10	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/16/2015	8/19/2015	8/30/2015
8/16/2015	304011	1508603-10	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/16/2015	8/19/2015	8/30/2015
8/16/2015	304011	1508603-10	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/16/2015	8/19/2015	8/30/2015
8/17/2015	304010	1508603-09	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/17/2015	8/19/2015	8/30/2015
8/17/2015	304010	1508603-09	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/17/2015	8/19/2015	8/30/2015
8/17/2015	304010	1508603-09	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/17/2015	8/19/2015	8/30/2015
Blank	304016	1508603-15	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/30/2015
Blank	304016	1508603-15	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/30/2015
Blank	304016	1508603-15	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	8/18/2015	8/19/2015	8/30/2015
8/18/2015	304009	1508827-16	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/18/2015	8/26/2015	9/03/2015
8/18/2015	304009	1508827-16	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/18/2015	8/26/2015	9/03/2015
8/18/2015	304009	1508827-16	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/18/2015	8/26/2015	9/03/2015
8/19/2015	304023	1508827-14	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/19/2015	8/26/2015	9/03/2015
8/19/2015	304023	1508827-14	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	8/19/2015	8/26/2015	9/03/2015
8/19/2015	304023	1508827-14	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	8/19/2015	8/26/2015	9/03/2015
8/20/2015	304022	1508827-13	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/20/2015	8/26/2015	9/03/2015
8/20/2015	304022	1508827-13	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/20/2015	8/26/2015	9/03/2015
8/20/2015	304022	1508827-13	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/20/2015	8/26/2015	9/03/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/21/2015	304021	1508827-12	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/21/2015	8/26/2015	9/03/2015
8/21/2015	304021	1508827-12	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/21/2015	8/26/2015	9/03/2015
8/21/2015	304021	1508827-12	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/21/2015	8/26/2015	9/03/2015
8/22/2015	304020	1508827-11	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/22/2015	8/26/2015	9/03/2015
8/22/2015	304020	1508827-11	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/22/2015	8/26/2015	9/03/2015
8/22/2015	304020	1508827-11	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/22/2015	8/26/2015	9/03/2015
8/23/2015	304019	1508827-10	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/23/2015	8/26/2015	9/03/2015
8/23/2015	304019	1508827-10	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/23/2015	8/26/2015	9/03/2015
8/23/2015	304019	1508827-10	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/23/2015	8/26/2015	9/03/2015
8/24/2015	304018	1508827-09	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/24/2015	8/26/2015	9/03/2015
8/24/2015	304018	1508827-09	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/24/2015	8/26/2015	9/03/2015
8/24/2015	304018	1508827-09	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/24/2015	8/26/2015	9/03/2015
Blank	304024	1508827-15	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	8/19/2015	8/26/2015	9/03/2015
Blank	304024	1508827-15	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	8/19/2015	8/26/2015	9/03/2015
Blank	304024	1508827-15	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	8/19/2015	8/26/2015	9/03/2015
8/25/2015	304017	1509060-16	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/25/2015	9/02/2015	9/09/2015
8/25/2015	304017	1509060-16	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/25/2015	9/02/2015	9/09/2015
8/25/2015	304017	1509060-16	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/25/2015	9/02/2015	9/09/2015
8/26/2015	304031	1509060-14	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/26/2015	9/02/2015	9/09/2015
8/26/2015	304031	1509060-14	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/26/2015	9/02/2015	9/09/2015
8/26/2015	304031	1509060-14	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/26/2015	9/02/2015	9/09/2015
8/27/2015	304030	1509060-13	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/27/2015	9/02/2015	9/09/2015
8/27/2015	304030	1509060-13	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/27/2015	9/02/2015	9/09/2015
8/27/2015	304030	1509060-13	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/27/2015	9/02/2015	9/09/2015
8/28/2015	304029	1509060-12	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/28/2015	9/02/2015	9/09/2015
8/28/2015	304029	1509060-12	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/28/2015	9/02/2015	9/09/2015
8/28/2015	304029	1509060-12	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/28/2015	9/02/2015	9/09/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
8/29/2015	304028	1509060-11	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/29/2015	9/02/2015	9/09/2015
8/29/2015	304028	1509060-11	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/29/2015	9/02/2015	9/09/2015
8/29/2015	304028	1509060-11	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/29/2015	9/02/2015	9/09/2015
8/30/2015	304027	1509060-10	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/30/2015	9/02/2015	9/09/2015
8/30/2015	304027	1509060-10	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/30/2015	9/02/2015	9/09/2015
8/30/2015	304027	1509060-10	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/30/2015	9/02/2015	9/09/2015
8/31/2015	304026	1509060-09	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/31/2015	9/02/2015	9/09/2015
8/31/2015	304026	1509060-09	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	8/31/2015	9/02/2015	9/09/2015
8/31/2015	304026	1509060-09	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	8/31/2015	9/02/2015	9/09/2015
Blank	304032	1509060-15	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/09/2015
Blank	304032	1509060-15	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/09/2015
Blank	304032	1509060-15	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	8/26/2015	9/02/2015	9/09/2015
9/01/2015	304025	1509232-16	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/01/2015	9/09/2015	9/17/2015
9/01/2015	304025	1509232-16	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/01/2015	9/09/2015	9/17/2015
9/01/2015	304025	1509232-16	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/01/2015	9/09/2015	9/17/2015
9/02/2015	VOID												
9/02/2015	VOID												
9/02/2015	VOID												
9/03/2015	304038	1509232-13	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/03/2015	9/09/2015	9/17/2015
9/03/2015	304038	1509232-13	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/03/2015	9/09/2015	9/17/2015
9/03/2015	304038	1509232-13	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/03/2015	9/09/2015	9/17/2015
9/04/2015	304037	1509232-12	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/04/2015	9/09/2015	9/17/2015
9/04/2015	304037	1509232-12	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/04/2015	9/09/2015	9/17/2015
9/04/2015	304037	1509232-12	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/04/2015	9/09/2015	9/17/2015
9/05/2015	304036	1509232-11	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/05/2015	9/09/2015	9/17/2015
9/05/2015	304036	1509232-11	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/05/2015	9/09/2015	9/17/2015
9/05/2015	304036	1509232-11	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/05/2015	9/09/2015	9/17/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
9/06/2015	304035	1509232-10	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/06/2015	9/09/2015	9/17/2015
9/06/2015	304035	1509232-10	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/06/2015	9/09/2015	9/17/2015
9/06/2015	304035	1509232-10	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/06/2015	9/09/2015	9/17/2015
9/07/2015	304034	1509232-09	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/07/2015	9/09/2015	9/17/2015
9/07/2015	304034	1509232-09	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/07/2015	9/09/2015	9/17/2015
9/07/2015	304034	1509232-09	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/07/2015	9/09/2015	9/17/2015
Blank	304040	1509232-15	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/17/2015
Blank	304040	1509232-15	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/17/2015
Blank	304040	1509232-15	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	9/02/2015	9/09/2015	9/17/2015
9/08/2015	304033	1509532-17	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/08/2015	9/17/2015	10/01/2015
9/08/2015	304033	1509532-17	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/08/2015	9/17/2015	10/01/2015
9/08/2015	304033	1509532-17	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/08/2015	9/17/2015	10/01/2015
9/09/2015	304047	1509532-15	Cristobalite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/09/2015	9/17/2015	10/01/2015
9/09/2015	304047	1509532-15	Quartz		ND	0.010	mg/sample	15900	<0.00063	mg/m3	9/09/2015	9/17/2015	10/01/2015
9/09/2015	304047	1509532-15	Tridymite		ND	0.020	mg/sample	15900	<0.0013	mg/m3	9/09/2015	9/17/2015	10/01/2015
9/10/2015	304046	1509532-14	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/10/2015	9/17/2015	10/01/2015
9/10/2015	304046	1509532-14	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/10/2015	9/17/2015	10/01/2015
9/10/2015	304046	1509532-14	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/10/2015	9/17/2015	10/01/2015
9/11/2015	304045	1509532-13	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/11/2015	9/17/2015	10/01/2015
9/11/2015	304045	1509532-13	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/11/2015	9/17/2015	10/01/2015
9/11/2015	304045	1509532-13	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/11/2015	9/17/2015	10/01/2015
9/12/2015	304044	1509532-12	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/12/2015	9/17/2015	10/01/2015
9/12/2015	304044	1509532-12	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/12/2015	9/17/2015	10/01/2015
9/12/2015	304044	1509532-12	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/12/2015	9/17/2015	10/01/2015
9/13/2015	304043	1509532-11	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/13/2015	9/17/2015	10/01/2015
9/13/2015	304043	1509532-11	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/13/2015	9/17/2015	10/01/2015
9/13/2015	304043	1509532-11	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/13/2015	9/17/2015	10/01/2015
9/14/2015	304042	1509532-10	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/14/2015	9/17/2015	10/01/2015

Date	Sample ID	Lab ID	Analyte	CAS	Result	Reporting Limit	Units	Air Volume (L)	Calc Result	Calc Result Units	Collection Date	Received Date	Analysis Date
9/14/2015	304042	1509532-10	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/14/2015	9/17/2015	10/01/2015
9/14/2015	304042	1509532-10	Quartz		ND	0.010	mg/sample	16000	<0.00062	mg/m3	9/14/2015	9/17/2015	10/01/2015
Blank	304048	1509532-16	Cristobalite		ND	0.020	mg/sample	0	NA	mg/m3	9/09/2015	9/17/2015	10/01/2015
Blank	304048	1509532-16	Quartz		ND	0.010	mg/sample	0	NA	mg/m3	9/09/2015	9/17/2015	10/01/2015
Blank	304048	1509532-16	Tridymite		ND	0.020	mg/sample	0	NA	mg/m3	9/09/2015	9/17/2015	10/01/2015
9/15/2015	304041	1509532-18	Cristobalite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/15/2015	9/17/2015	10/01/2015
9/15/2015	304041	1509532-18	Quartz		0.012	0.010	mg/sample	16000	0.00075*	mg/m3	9/15/2015	9/17/2015	10/01/2015
9/15/2015	304041	1509532-18	Tridymite		ND	0.020	mg/sample	16000	<0.0012	mg/m3	9/15/2015	9/17/2015	10/01/2015

*Silica tested by NIOSH 7500 Modified

Number of Samples	41
**Sample results for all samples were non-detects (ND) except the 8/5/15 and 9/15/15 samples which had of results of 0.69 mg/m3 and 0.75 mg/m3 of Quartz, respectively.	

APPENDIX C – LABORATORY CONTRACT SPECIFICATIONS

Tunkhannock Project

SPECIFICATIONS

I. SCOPE OF WORK:

Purpose: The Pennsylvania Department of Environmental Protection (DEP) – requires an accredited contract laboratory to provide analysis of ambient air samples taken in the area of a silica trans-loading facility in Tunkhannock Township, Wyoming County, Pennsylvania.

Tasks: The contractor shall provide PM₁₀, PM_{2.5} and airborne silica (PM₄) analysis of approximately nine hundred (900) samples collected over the period of approximately 90 days with a data capture rate >85% for each parameter. These tasks are summarized below and described in more detail in **Section III:**

- Prepare and ship sample media to DEP
- Provide chain-of-custody documentation,
- Receive and inventory samples,
- Conduct airborne silica analysis by NIOSH 7500,
- Conduct PM₁₀ analysis as specified in 40 CFR Part 50, Appendix J,
- Conduct PM_{2.5} analysis as specified in 40 CFR Part 50, Appendix L,
- Provide analytical reports as per DEP specifications,
- Provide sample archiving for potential follow-up analyses,
- Provide guidance on analytical and sampling techniques,
- Perform accepted quality assurance and quality control (QA/QC) procedures, and
- Submit invoices to the “Bill To” address listed on the purchase order document.

II. BACKGROUND:

In response to several inquiries, DEP will deploy particulate samplers to evaluate silica levels near the silica trans-loading facility in Tunkhannock, PA. DEP will deploy three sets of samplers at locations upwind, downwind and at a background site. Each site will operate a PM_{2.5} sampler, a PM_{2.5} sampler modified to sample for airborne concentrations of silica (PM₄) utilizing methodology currently being utilized in Minnesota and a PM₁₀ sampler. The PM_{2.5} sampler at each site will operate as a standard PM_{2.5} FRM sampler to provide localized particulate levels. The sites will be established in accordance with relevant CFR guidance.

III. CONTRACT TASKS:

The contractor shall conduct the following tasks:

Task 1: Sample Handling

A. Sample Shipment: The contract laboratory must load sampling media into equipment provided by DEP and ship prepared media to the DEP for sampling. The contractor must identify order of sample filters loaded in filter cassettes by a unique identification number. Each shipment of prepared media must contain sufficient sample filters to conduct at least fourteen (14) days of sampling and all required quality control sample filters. Based on the initiation of sampling, prepared media must be received by DEP no later than three (3) business days prior to the day the media is to be loaded onto sampling equipment. The contractor must provide proof of receipt to DEP in the form of a signed chain-of-custody for all media shipped to, and samples received from, DEP.

B. Sample Schedule: DEP will conduct sampling in two (2) phases. The first phase will consist of daily sampling of PM_{2.5}, PM₁₀ and airborne silica (PM₄) for thirty (30) days prior to operation of the silica trans-loading facility. Specifically, for each of the three (3) monitoring sites, a sample will be drawn from each of the three (3) monitors on a daily basis for thirty days, for a total of 270 samples (i.e., 90 PM_{2.5}, 90 PM₄ and 90 PM₁₀ samples). The second phase of sampling will consist of daily sampling of PM_{2.5}, PM₁₀ and airborne silica (PM₄) for sixty (60) days after the silica trans-loading facility has become operational. Specifically, for each of the three (3) monitoring sites, a sample will be drawn from each of the three (3) monitors on a daily basis for sixty (60) days, for a total of 540 samples (i.e., 180 PM_{2.5}, 180 PM₄ and 180 PM₁₀ samples). If the data indicates the need for continued sampling, the DEP will continue sampling, at a reduced frequency, for an additional thirty (30) days.

C. Sample Description: Samples will consist of sample filter cassettes, provided by the DEP, containing the following sample filters:

- 47 mm PVC filters for airborne silica analysis
- 47 mm Quartz filters for PM₁₀ analysis
- 47 mm Teflon filters for PM_{2.5} analysis

The contractor must load the sample filters into the cassettes and clearly identify the various filter media.

D. Equipment Handling: The contractor will return all equipment provided by the DEP at the conclusion of the contract.

Task 2: Analytical analysis of sample filters - Contract Conditions:

At a minimum, the contractor will be required to perform the following:

- A.** Analyze PVC sample filters for airborne silica by X-ray Diffraction XRD, using NIOSH method 7500, to a reporting limit of $1 \mu\text{g}/\text{m}^3$ crystalline silica.
- B.** Analyze quartz sample filters for PM_{10} , as per the analysis method specified in 40 CFR Part 50, Appendix J.
- C.** Analyze Teflon™ filters for $\text{PM}_{2.5}$, as per the analysis method specified in 40 CFR Part 50, Appendix L.
- D.** Complete the sample analysis within fifteen (15) business days of sample receipt from the DEP and provide expedited sample analysis capabilities upon request.
- E.** Report results as described in Task 3.

Task 3: Reporting

Analytical reports, bench sheets, quality assurance and related documents shall be provided to the DEP for the duration of the contract, as described below:

- A.** Analytical results shall be presented, in hard copy, in addition to digitally, in Microsoft Excel via email or electronic download. At a minimum, analytical reports must identify sample filter number, sample location name, sample date, date received by contractor, and date analysis was conducted.
- B.** Within fifteen (15) business days of sample receipt, the contractor shall report completed analytical results and QA/QC results to the DEP.

The following items may follow at a later date, but no later than ninety (90) days after last sample is submitted, or at the end of the contract:

- C.** Signed and dated bench sheets or invoice/billing form equivalent.
- D.** Summary QA/QC reports as required by the contractor's QA/QC plan.

Task 4: Sample Archiving

Samples and related records shall be retained as required by the contractor's QA/QC protocols. The contractor shall hold samples for up to five (5) years unless notified by the DEP that the samples may be discarded, prior to that five (5)-year period. DEP and the contractor shall determine mutually-acceptable sample retention and archiving procedures. The contractor shall contact DEP prior to disposal of samples.

Task 5: Quality Assurance/Quality Control – Contract Standards

The contractor should be familiar with and use QA/QC procedures that are required for analysis by NIOSH 7500, 40 CFR Part 50, Appendix J and 40 CFR Part 50, Appendix L. Prospective contractors will be requested to submit official documentation that demonstrates the QA/QC procedures used by their laboratory personnel for DEP review.

IV. CONTRACTOR QUALIFICATIONS:

The contractor must meet the following requirements:

The contractor shall be accredited by an EPA-recognized accreditation body (ex., AIHA) for analysis by 40 CFR Part 50, Appendix J, 40 CFR Part 50, Appendix L, and NIOSH 7500. The contractor shall maintain accreditation for the duration of the contract. If there is any change in contractor's accreditation with respect to this contract, contractor shall notify the DEP immediately.

V. BID AWARD:

The contract shall be awarded by Total Ambient Air Samples listed in **Attachment A, Bid Award**. **Attachment A** is for informational purposes, only. The contract shall be awarded to the lowest responsible/responsive bidder.

Estimated Quantities: The contract quantities are estimated only and may increase or decrease depending upon the needs of the DEP.

VI. CONTRACT TERM:

The contract shall commence May 15, 2015, or upon execution of the Purchase Order and terminate September 30, 2016.