



December 13, 2021

Mr. Myles Bartos
On-Scene Coordinator
U.S. Environmental Protection Agency, Region 3
1650 Arch Street
Philadelphia, Pennsylvania 19103

Subject: Air Monitoring Report for October 19 to 28, 2021, Revision 0
11184 Bristol Air Site, Bristol, Virginia
EPA Contract No. 68-HE-0320-D0003
Technical Direction (TD) No. T601-21-05-004
Document Tracking No. 0294

Dear Mr. Bartos:

Tetra Tech, Inc. (Tetra Tech) is submitting the enclosed Air Monitoring Report for October 19-28, 2021, Revision 0 for the 11184 Bristol Air Site, Bristol, Virginia for your review and approval.

If you have any questions regarding this report, please contact me by office phone at [REDACTED], cell phone at [REDACTED], or e-mail at [REDACTED]

Sincerely,

[REDACTED]

Project Manager

Enclosure (1)

cc: TD file
[REDACTED], Program Manager, Tetra Tech

AIR MONITORING REPORT FOR OCTOBER 19-28, 2021

REVISION 0

**11184 BRISTOL AIR SITE
BRISTOL, VIRGINIA**

EPA Contract No. 68-HE-0320-D0003
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Prepared for:



U.S. Environmental Protection Agency Region 3
Superfund and Emergency Management Division
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December 2021

AIR MONITORING REPORT – OCTOBER 19-28, 2021

REVISION 0

**11184 BRISTOL AIR SITE
BRISTOL, VIRGINIA**

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1.0 INTRODUCTION

Under the Superfund Technical Assessment and Response Team (START) Contract No. 68-HE-0320-D0003, Technical Direction (TD) No. T601-21-05-004, U.S. Environmental Protection Agency (EPA) Region 3 tasked Tetra Tech, Inc. (Tetra Tech) to provide technical assistance in preparing an air monitoring plan (AMP), conducting air monitoring, and calibrating instruments as necessary at the 11184 Bristol Air Site (the Site) in Bristol, Virginia and Bristol, Tennessee (Appendix A, Figure 1). The purpose of the air monitoring efforts was to: (1) investigate areas where odor complaints had been received to determine if hazardous substances were present and associated with the odors; (2) determine levels or concentrations of hazardous substances, if present; and (3) provide data for evaluating and determining locations to collect air samples.

The first round of air monitoring and sampling was conducted at the Site from June 9 to July 22, 2021. Subsequently, EPA decided to conduct a second round of air monitoring and sampling. This report summarizes air monitoring and air sampling activities for the second round of air monitoring and sampling conducted at the Site from October 19 to 28, 2021. Specifically, this report summarizes Site background information in Section 2.0; outlines Site activities and air monitoring results in Section 3.0; and presents analytical results in Section 4.0. References cited in the text are listed in Section 5.0 and figures for this report are provided in the Appendix A. Air monitoring locations and air monitoring results are presented in Appendices B through E. Tabulated analytical results for air samples are presented in Appendix F along with graphs of MultiRAE volatile organic compounds (VOC) monitoring data for the sampling periods. Mobile air monitoring results are provided in Appendix G. Virginia Department of Environmental Quality (VADEQ) air sample information and analytical result data sheets are presented in Attachments 1 and 2. Weather graphs and weather station data are provided in Attachments 3 and 4.

2.0 SITE BACKGROUND

2.1 SITE LOCATION AND DESCRIPTION

The Site is located in Bristol, Virginia and Bristol, Tennessee. The Site consists of a broad area in the eastern portion of the cities of Bristol, Virginia and Bristol, Tennessee where odor complaints have been received from residents (Appendix A, Figure 1).

2.2 SITE HISTORY

VADEQ requested assistance from EPA in conducting air monitoring to investigate areas within Bristol, Virginia and Bristol, Tennessee for which odor complaints have been received. In addition to VADEQ, EPA Region 3 coordinated with other stakeholders including EPA Region 4, the State of Tennessee, both cities of Bristol, and the Agency for Toxic Substances and Disease Registry (ATSDR). All parties provided input and perspective for the Site.

EPA conducted the first round of 24-hour per day air monitoring at six stationary monitoring locations in eastern Bristol, Virginia and Bristol, Tennessee from June 9 to July 22, 2021. VADEQ collected a total of 15 air samples at the stationary air monitoring locations between June 14 and July 7, 2021. The air samples were collected in SUMMA canisters using flow controllers calibrated to collect samples over approximately 8- or 24-hour periods. The air monitoring and air sampling were conducted in areas for which frequent odor complaints had been received. A description of air monitoring sampling activities and results were reported in the “Final Air Monitoring Report for the 11184 Bristol Air Site” (Tetra Tech 2021b). Stationary and mobile air monitoring locations for both the June-July and October are shown in Appendix A, Figure 3.

3.0 SITE ACTIVITIES

From October 19 to 28, 2021, EPA conducted a second round of 24-hour per day air monitoring at stationary monitoring locations in eastern Bristol, Virginia and Bristol, Tennessee in areas for which frequent odor complaints had been received. VADEQ proposed potential locations to conduct stationary air monitoring and sampling for the second round. EPA evaluated the proposed locations and in conjunction with VADEQ, selected three locations. In addition to the locations and frequency of past odor complaints, siting selection criteria included: (1) security of air monitoring equipment; (2) potential sources in the area; (3) availability of 120-volt power supplies for the equipment; (4) potential for human exposure; (5) topography; and (6) geographic coverage of the area.

On October 19, 2021, EPA and the EPA Environmental Response Team (ERT) installed stationary air monitoring equipment at two locations in Bristol, Tennessee and one in Bristol, Virginia. The air monitoring units were calibrated and/or tested prior to deployment at each location. The air monitoring equipment was integrated into the VIPER system, a network-based communications system designed to enable real-time transmission of data from field sensors to local or remote computers or server and provide data management, analysis, and visualization. On the morning of October 20, 2021, EPA and Tetra Tech conducted mobile air monitoring from 0549 to 0639. The mobile air monitoring was conducted using hand-held air monitoring equipment near the stationary monitoring locations and in other areas for which frequent odor complaints had been received. Stationary and mobile air monitoring locations are shown in Appendix A, Figure 2.

Air sampling locations and time periods were determined based on online VIPER air monitoring data and the trends of elevated concentrations detected for monitoring parameters. VADEQ collected a total of seven air samples, including two before EPA commenced the second round of air monitoring. A summary of VADEQ air sampling locations and descriptions is presented in Attachment 1.

Tetra Tech conducted a Site visit on October 24 and 25 to test and recalibrate sensors at the three stationary air monitoring locations and to conduct mobile air monitoring. Mobile air monitoring was conducted using hand-held air monitoring equipment near the stationary air monitoring locations and in other areas for which frequent odor complaints had been received. These air monitoring locations are shown in Appendix A, Figure 2. The stationary air monitoring equipment was taken down at the completion of the air monitoring activities on October 28, 2021. EPA and Tetra Tech also conducted additional mobile air monitoring after the stationary equipment had been removed. Tetra Tech conducted monitoring activities in accordance with

the approved “Final Air Monitoring Plan (AMP) – Addendum 1” (Tetra Tech 2021c) and the “Uniform Federal Policy Quality Assurance Project Plan” for the EPA Region III Superfund Technical Assessment and Response Team (START-6 Contract) (Tetra Tech 2021a).

3.1 AIR MONITORING PARAMETERS

Air monitoring equipment and sensors employed during the second round of air monitoring are presented in Table 1 below.

TABLE 1
AIR MONITORING EQUIPMENT AND SENSORS

Monitoring Device	Sensors
MultiRAE Pro (stationary monitoring)	Volatile organic compounds (VOC) by photoionization detector (PID), methyl mercaptan, hydrogen sulfide, sulfur dioxide, and lower explosive limit (LEL)
Honeywell Analytics Single-Point Monitor (SPM) Flex (stationary monitoring)	Hydrides (for hydrogen sulfide), amines (for ammonia), and sulfur dioxide
MultiRAE Pro (mobile monitoring)	VOC by PID, hydrogen sulfide, carbon monoxide, and oxygen
UltraRAE 3000 (mobile monitoring)	VOC as benzene
TVA 2020 (mobile monitoring)	VOC by flame ionization detector (FID)
Meteorological Station (at Location #9)	Temperature, barometric pressure, wind direction/speed, precipitation

Table 2 provides the monitoring parameters, detection ranges, and resolution of each instrument. The detection range is the range of concentrations (high and low) at which a parameter can be detected. The resolution is the increment at which the parameter concentrations are reported on the instrument.

TABLE 2
AIR MONITORING PARAMETER DETECTION RANGES

Monitoring Parameter/Instrument	Detection Range	Resolution
Hydrogen sulfide (SPM Flex)	0.000 – 9.999 ppm	0.001 ppm
Ammonia (SPM Flex)	0.00 – 150 ppm	0.01 ppm
Sulfur dioxide (SPM Flex)	0 – 20 ppm	0.1 ppm
VOC (MultiRAE Pro)	0 – 2,000 ppm	10 ppb
VOC as benzene (UltraRAE w/ benzene tube)	0 – 200 ppm	0.01 ppm
VOC by FID (TVA 2020)	0 – 50,000 ppm	0.1 ppm
Methyl mercaptan (MultiRAE Pro)	0 – 10 ppm	0.1 ppm
Carbon monoxide (MultiRAE Pro)	0 – 2,000	1 ppm
Hydrogen sulfide (MultiRAE Pro)	0 – 100 ppm	0.1 ppm
Oxygen (MultiRAE Pro)	0 – 30%	0.1 %

Notes:

% = Percent

FID = Flame Ionization Detector

ppb = parts per billion

ppm = parts per million

SPM = Single-Point Monitor

TVA = Toxic Vapor Analyzer

VOC = Volatile Organic Compound

Prior to installing and starting stationary air monitoring equipment, the equipment was tested, calibrated, and/or zeroed, as appropriate. Prior to conducting mobile air monitoring, the instruments were bump-tested, zeroed, and re-calibrated, if necessary. The MultiRAE Pro was bump-tested/calibrated using 100 parts per million (ppm) isobutylene span gas for VOC and zeroed using a zeroing tube. Other sensors installed in the MultiRAE were also bump-tested and re-calibrated if necessary (including those for carbon monoxide, hydrogen sulfide, and oxygen). The UltraRAE 3000 with benzene tube was calibrated using 5 ppm benzene span gas and zeroed using a zeroing tube. The TVA 2020 with flame ionization detector (FID) was calibrated using a 500 ppm methane span gas and zeroed using zero air gas.

3.2 AIR MONITORING LOCATIONS

Air monitoring activities included (1) 24-hour per day air monitoring at three stationary air monitoring locations and (2) mobile air monitoring at a number of other locations in the area for short durations using portable hand-held monitoring equipment. Air monitoring locations are discussed in the following sections.

3.2.1 Stationary Air Monitoring Locations

Stationary air monitoring locations were set up on residential properties in eastern Bristol, Virginia and Bristol, Tennessee. Locations #7 and #8 were in Bristol, Tennessee and Location #9 was in Bristol, Virginia. The stationary air monitoring locations are shown in Appendix A, Figure 2. Air monitoring location numbers, instruments, sensors, instrument identification numbers (ID), geographic coordinates, addresses, monitoring periods, and descriptions of each stationary air monitoring location are presented in Appendix B.

3.2.2 Mobile Air Monitoring Locations

Portable, hand-held air monitoring equipment was used to conduct mobile air monitoring at the stationary air monitoring locations (Locations #7, #8, and #9) during equipment set up and/or in conjunction with the Site visit to test stationary equipment. Mobile air monitoring was primarily conducted in other locations in the general areas for which odor complaints had been received. The mobile air monitoring was normally conducted at night or early in the mornings when odors were frequently reported. These were also the times when odors were most frequently noted by personnel conducting Site visits to set up and test the stationary air monitoring equipment. Hand-held monitoring equipment included: a MultiRAE Pro with a photoionization detector (PID) for VOC, methyl mercaptan, carbon monoxide, hydrogen sulfide, and oxygen sensors; an UltraRAE 3000 PID with a benzene tube; and TVA 2020 with a FID for VOC. The TVA 2020 with an FID sensor cannot detect VOC at the low levels that a MultiRAE Pro can achieve, but it has the ability to detect methane, which cannot be detected using a PID sensor. Tables 1 and 2 present sensor types and detection capabilities and ranges. General areas/locations where mobile/short-term air monitoring was conducted are described below.

Bristol, Virginia locations: Intersection of Whitten Way/Kings Mill Pike; Woodland Circle; near intersection of Kings Mill Pike/Valley Drive; near intersection of Harlow Street/New Hampshire Avenue; Booher Lane; Kings Mill Pike near Northstar Baptist Church; multiple locations along Shakesville Road north of intersection with Kings Mill Pike (including monitoring at storm drain inlets); and multiple locations along Booher Road/Booher Springs Road.

Bristol, Tennessee locations: Florida Avenue between the intersections with Pine Street and Spruce Street (including at storm water inlets and sewer manhole cover at intersection of Florida Avenue/Spruce Street); Sparkling Brook Drive/Spanish Oak Drive; Fire Station #2 on Kings Mill Pike; intersection of Taylor Street/Georgia Avenue (including storm water inlet); and multiple locations along Booher Road/Booher Springs Road.

Mobile air monitoring was conducted at one or more of the above locations on the following dates in October 2021: 20, 24, 25, 27, and 28. Mobile air monitoring locations and results are presented in Appendix G.

3.3 AIR MONITORING RESULTS

Air monitoring results are overviewed in Sections 3.3.1 and 3.3.2 below. More detailed discussions of air monitoring results and graphical presentations of the data for the individual stationary air monitoring locations are presented in Appendices C through E. Some of the air monitoring parameters were for specific chemical compounds such as hydrogen sulfide, sulfur dioxide, and ammonia. However, air monitoring for VOC using a PID measures the approximate total concentration for a large number of VOC based on calibration of the instrument with isobutylene calibration gas. The PID does not differentiate or identify specific chemical compounds and the measured concentrations could differ from the actual concentrations due to differing response factors of individual compounds relative to isobutylene. Therefore, air monitoring data for total VOC using the PID is considered to be “screening data.” Screening data can support an intermediate or preliminary decision but should be supported by “definitive data” before a project is complete (EPA 2005). Quality assurance procedures were incorporated into the mobile air monitoring activities, such as calibration, zeroing, bump testing, and recalibration as needed; however, these procedures are not as extensive as the quality assurance/quality control (QA/QC) procedures applied for laboratory analysis of air samples by EPA Method TO-15. The VADEQ laboratory analytical results for VOC using EPA Method TO-15 are considered definitive data. Definitive data are held to more rigorous quality standards and are used to make final decisions. In general, definitive data refers to analytical data of known quality, concentration, and level of uncertainty, and those levels of quality and uncertainty are consistent with the specifications for the decision to be made (EPA 2005). As mentioned previously, the stationary air monitoring data were applied to help guide where and when VADEQ would collect air samples for laboratory analysis (in addition to monitoring for trace levels of hydrogen sulfide, sulfur dioxide, and ammonia, which could also trigger air sampling).

Air monitoring results in the following sections are reported in ppm or parts per billion (ppb). Parts per million is the number of units of mass of a contaminant per million units of total mass in air or other environmental media. One ppm equals 1,000 ppb and 1 ppb equals 0.001 ppm.

3.3.1 Stationary Air Monitoring Results

All three stationary monitoring locations were located on residential properties. All three locations had the same air monitoring instruments and sensors (see Tables 1 and 2). However, the MultiRAE at Location #7 provided VOC data in ppm, while the MultiRAE units at Locations #8 and #9 provided VOC data in ppb. The MultiRAE units also had sensors for monitoring hydrogen sulfide, sulfur dioxide, and lower explosive limit (LEL). There were no detections of LEL above 0 percent (%) at any location during the monitoring period. MultiRAE sulfur dioxide and hydrogen sulfide results are briefly discussed in Appendices C through E; however, SPM flex units also measured sulfur dioxide and hydrogen sulfide and are more accurate with lower detection limits. Therefore, MultiRAE results for these compounds are not presented in this report because SPM units served as the primary monitors for these compounds. A brief discussion of air monitoring results for the stationary air monitoring equipment is presented in the following paragraphs. A more detailed discussion of stationary air monitoring results and graphical presentations of the data are provided in Appendices C through E.

Location #7 was in a residential yard on Sparkling Brook Drive in Bristol, Tennessee. VOC detections up to 0.1 ppm were detected daily through the monitoring period except for October 26 and 28 when there were no detections. The maximum concentration of 1.7 ppm, which occurred as a short-term spike that lasted less than one minute, occurred at 2001 on October 27. The next highest concentration detected was 0.3 ppm on October 24.

Methyl mercaptan was detected at 0.1 ppm on October 20 and again on October 24 and was detected continuously at concentrations of 0.1 ppm or greater from 2120 on the October 24 through the remaining sampling period that ended on October 28. The highest detection level was 0.3 ppm, detected as short-term spikes at 1324 and 1344 on October 25.

Hydrogen sulfide and sulfur dioxide were not detected on the SPM flex units at this location during the monitoring period.

Ammonia was detected on the SPM Flex units on several occasions during the monitoring period. The maximum concentration detected was 0.36 ppm at 0942 on October 20. Daily peak ammonia detections for the remaining period ranged from 0.02 ppm on October 22 to 0.16 ppm on October 25. A more detailed discussion of air monitoring results and graphical presentation of the data for Location #7 are provided in Appendix C.

Location #8 was in a residential yard near the intersection of Florida Avenue and Spruce Street in Bristol, Tennessee. VOC detections occurred continuously from October 19 at 1350 until October 25 at 2249. The highest concentrations were detected soon after startup on October 19 through 1212 on October 20. These higher levels are attributable to the tubing being disconnected from the MultiRAE; therefore, levels inside the Pelican case were monitored during that time frame. VOC concentrations dropped back to 0 ppb initially after the tubing was reconnected. However, the VOC levels subsequently began to increase again but to much lower levels than were observed while the tubing was disconnected. After reconnecting the tubing, VOC levels generally remained at or below 100 ppb, with a few short-term spike detections up to 2249 on October 25. There were no VOC detections from October at 2329 to October 27 at 2117 and from October 27 at 2117 through the end of the monitoring period on October 28. Daily peak concentrations after the MultiRAE tubing was reconnected ranged from 90 ppb on October 22 to 410 ppb on October 23. There were no VOC detections observed on October 26 or 28. Methyl mercaptan was detected continuously from October 20 at 1226 to October 24 at 1903 at concentrations ranging from 0.1 to 0.3 ppm. The peak concentration of 0.3 ppm was observed on October 20 from 1258 to 1800. The only other detection was a short-term spike at 0.1 ppm on October 25 at 1407.

Hydrogen sulfide was detected sporadically by the SPM Flex unit throughout the monitoring period, with detections generally occurring in late evening and almost continuously until the following morning. Daily peak concentrations of hydrogen sulfide ranged from 0.003 ppm on October 28 to 0.017 ppm on October 20. There were no detections of hydrogen sulfide on October 26 and from October 21 at 0808 to October 24 at 2138.

Ammonia was detected by the SPM Flex unit throughout much of the monitoring period, with concentrations generally between 0.01 to 0.02 ppm, with sporadic periods of elevated levels. The maximum concentrations detected were 0.52 ppm at 0952 on October 20 and 0.35 ppm at 1023 on October 27. Other daily peak detections ranged from 0.01 ppm on October 23 and 0.08 ppm on October 25.

Sulfur dioxide was not detected by the SPM Flex unit at this location during the monitoring period. A more detailed discussion of air monitoring results and graphical presentation of the data for Location #8 are provided in Appendix D.

Location #9 was in a residential yard on Booher Springs Road in Bristol, Virginia. There were no VOC detections during the monitoring period at Location 9.

Methyl mercaptan was detected at low levels ranging from 0.1 ppm to 0.3 ppm almost continuously from October 19 at 1538 until October 21 at 0022. Subsequently, methyl mercaptan was only periodically detected at 0.1 ppm for the remainder of the monitoring period. The peak concentration detected was 0.3 ppm on October 19. There were no detections on October 22 or from October 25 through 28.

Hydrogen sulfide was detected by the SPM Flex unit daily throughout the monitoring period (except for October 26). In general, detections normally began in late evenings between 2000 and 2130 and continued into the next morning, ending between 0930 to 1100. The maximum concentration detected was 0.025 ppm, which occurred at 2226 on October 24. Other daily peak concentrations ranged from 0.002 ppm on October 22 to 0.023 ppm on October 19.

Ammonia was detected almost continually by the SPM Flex unit from 0951 to 1133 on October 20, with a peak concentration of 0.44 ppm detected at 0954. Ammonia was not detected at any other time during the monitoring period at this location.

Sulfur dioxide was not detected at this location during the monitoring period. A more detailed discussion of air monitoring results and graphical presentation of the data for Location #9 are provided in Appendix E.

3.3.2 Mobile Air Monitoring Results

Mobile air monitoring conducted with the MultiRAE Pro identified only low concentrations of VOC detections (10 to 30 ppb). Odors were normally detected when the VOC readings above zero were identified, but VOC readings of zero were frequently identified even when significant odors were noted. There were no MultiRAE detections for hydrogen sulfide (measuring to 0.0 ppm) or carbon monoxide (measuring to 0 ppm) and all readings for oxygen were 20.9%. Mobile air monitoring for benzene with the UltraRAE 3000 (with a benzene tube) yielded no detections (measuring to 0.00 ppm). FID VOC readings

above background were identified on several occasions. On October 25, FID VOC readings were identified on Booher Springs Road in Virginia (near Location #9) at 12.7 ppm, at Fire Station #2 on King College Road in Tennessee at 8.8 ppm, and on Shakesville Road in Virginia at 4 ppm. Odors were also not at these locations. On October 27, FID VOC readings up to 4 ppm were identified along Booher Springs Road, near the Virginia – Tennessee state line and along Florida Avenue near Spruce Street in Tennessee, including measurements at storm water drain inlets and a sewer manhole cover near the intersection of Florida Avenue and Spruce Street. On the morning of October 28 between 0918 and 1007, the EPA On-Scene Coordinator (OSC) and Tetra Tech conducted air monitoring along Shakesville Road in Virginia, between the intersection of Shakesville Road and Kings Mill Pike. The highest FID reading for ambient air was documented near 2125 Shakesville Road at 20 ppm. The ambient air FID concentrations varied between 3 to 6.5 ppm, with the 6.5 ppm reading identified near the storm water inlet across from the Bristol, Virginia Public Works facility. FID readings were also documented at the headspace of storm water inlets beginning at the inlet across the road from the Public Works facility and proceeding downgradient to Kings Mill Pike. The highest storm inlet FID reading was 800 ppm at the inlet across the street from Public Works facility and the second highest reading was 250 ppm at the next inlet downgradient (northward). The remaining downgradient inlets had FID readings at ambient air background levels in the area (3 to 4 ppm).

3.4 VADEQ AIR SAMPLING

During a conference call on June 14, 2021 before the first round of air monitoring and (attended by the EPA OSC, ERT, VADEQ, ATSDR, and Tetra Tech), it was determined that air sampling would be conducted based on continued monitoring of online VIPER air monitoring data and observations of trends of detections of elevated concentrations of air monitoring parameters. VADEQ air sampling include (1) two air samples that it collected before EPA's second round of air monitoring and sampling and (2) five samples collected concurrent with EPA's second round of air monitoring.

Two Samples from September 30 to October 2, 2021: VADEQ collected two air samples before EPA began its second round of air monitoring on October 19. The air samples were collected in SUMMA canisters using flow controllers calibrated to collect samples over approximately 24-hour periods. VADEQ collected the first sample from September 30 to October 2 (a 29 hour, 40 minute sample) at Location #6 (sample #543). VADEQ collected a second sample on Taylor Street, near the Maryland Avenue intersection in Bristol, Tennessee (sample #522) from October 1 to 2 (a 29 hour, 44 minute sample).

Five Samples from October 20 to 28, 2021: VADEQ collected five air samples at stationary air monitoring Locations #8 and #9 concurrent with EPA's second round of sampling. Three air samples were collected at

Location #8 and two at Location #9. The air samples were collected in SUMMA canisters using flow controllers calibrated to collect samples over approximately 8- or 24-hour periods. The actual sample collection periods for these samples ranged from 8 hours 17 minutes to 27 hours 42 minutes for these samples.

Specific information on the VADEQ air samples is presented in Attachment 1, including the sampling locations, SUMMA canister serial numbers, start and stop times of the samples, and sampling duration. The samples were analyzed for VOC using EPA Method TO-15 by the Commonwealth of Virginia Division of Consolidated Laboratory Services (DCLS) in Richmond, Virginia. Laboratory result data sheets for the air samples are provided in Attachment 2. A tabulation of the analytical results is presented in Appendix F.

3.5 WEATHER DATA

START used a Davis Vantage Pro 2 weather station to measure and log localized weather conditions during the air monitoring activities. The weather station logged a number of weather parameters, including: temperature, barometric pressure, wind direction and speed, precipitation, and relative humidity. The data logger was set up to log weather parameters at 15-minute intervals throughout the period from October 19 to 28, 2021. The weather station was placed at stationary air monitoring Location #9. The weather station data is presented in Attachment 4. Graphical presentations of the weather data for the full air monitoring period from October 19 to 28, 2021 are provided in Attachment 3. Graphs of the same data for periods when VADEQ was collecting air samples at Location #9 are also presented in Attachment 3.

4.0 ANALYTICAL RESULTS

VADEQ collected seven air samples (including two samples collected prior to the start of second round air monitoring) and analyzed the samples for VOC by EPA Method TO-15 (see Section 3.4). For this report, samples will be identified based on the SUMMA canister serial number, as SUMMA canister samplers were used only once over the course of this investigation. This section provides a brief summary of analytical results. Complete analytical results are provided in Appendix F and the laboratory data sheets are presented in Attachment 2. Graphs of AreaRAE VOC data for the locations and duration of the respective VADEQ air sampling periods are also presented in Appendix F.

4.1 ANALYTICAL RESULTS FOR VADEQ AIR SAMPLES

Analytical results received from the DCLS were reported in parts per billion volume (ppbv) (Attachment 2). Tetra Tech prepared a table to present the VADEQ data (see Appendix F). The table reports the data in both ppbv and the equivalent concentrations in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

Several petroleum-related constituents were detected in almost all samples, including benzene, toluene, xylenes, ethylbenzene, heptane, and hexane. In addition to being constituents in petroleum products, these chemicals can be produced as products of incomplete combustion (PIC) during fires and from the operation of motor vehicles. Benzene was detected in all the air samples at concentrations ranging from 0.37 ppbv ($1.18 \mu\text{g}/\text{m}^3$) to 9.53 ppbv ($30.40 \mu\text{g}/\text{m}^3$). Toluene was detected in all samples at concentrations ranging from 0.2 ppbv ($0.75 \mu\text{g}/\text{m}^3$) to 1.3 ppbv ($4.90 \mu\text{g}/\text{m}^3$). Ethylbenzene was detected at concentrations ranging from 0.08 ppbv ($0.35 \mu\text{g}/\text{m}^3$) to 1.09 ppbv ($4.73 \mu\text{g}/\text{m}^3$). Xylenes and other petroleum-related compounds were also detected at low concentrations in one or more air samples.

Other compounds that were detected at low concentrations in most or all samples consisted of refrigerant gases, including chloromethane (which is also naturally occurring), dichlorodifluoromethane (also known as, Freon 12), 1,1,2-trichlorotrifluoroethane, and Freon 11 (also known as, trichlorofluoromethane). The respective compounds were detected at similar concentrations in all the samples. Chloromethane was detected at concentrations ranging from 0.22 ppbv ($0.46 \mu\text{g}/\text{m}^3$) to 0.82 ppbv ($1.70 \mu\text{g}/\text{m}^3$). Dichlorodifluoromethane was detected at concentrations ranging from 0.29 ppbv ($1.44 \mu\text{g}/\text{m}^3$) to 0.66 ppbv ($3.27 \mu\text{g}/\text{m}^3$) and Freon 11 was detected at concentrations from 0.16 ppbv ($0.90 \mu\text{g}/\text{m}^3$) and 0.3 ppbv ($1.69 \mu\text{g}/\text{m}^3$).

A number of other compounds were detected in a number of samples, including acrolein, which was detected in five of the seven air samples at concentrations ranging from 0.44 AC1 ppbv ($1.01 \mu\text{g}/\text{m}^3$) to 2.05 ppbv ($4.69 \mu\text{g}/\text{m}^3$). Complete analytical results are presented in Appendix F and in Attachment 2.

The analytical results have been forwarded to ATSDR for evaluation to determine if the concentrations of detected compounds are at levels that may pose a public health concern.

5.0 REFERENCES

Tetra Tech, Inc. (Tetra Tech). 2021a. “Uniform Federal Policy Quality Assurance Project Plan.” EPA Region III Superfund Technical Assessment and Response Team (START-6 Contract). August 20.

Tetra Tech. 2021b. “Final Air Monitoring Report for the 11184 Bristol Air Site.” October 4.

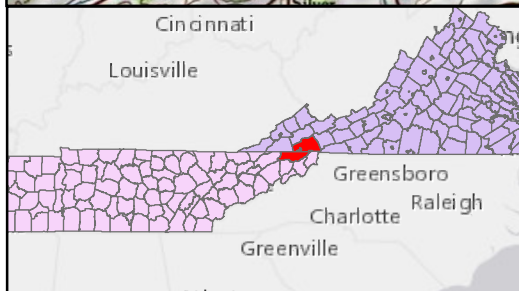
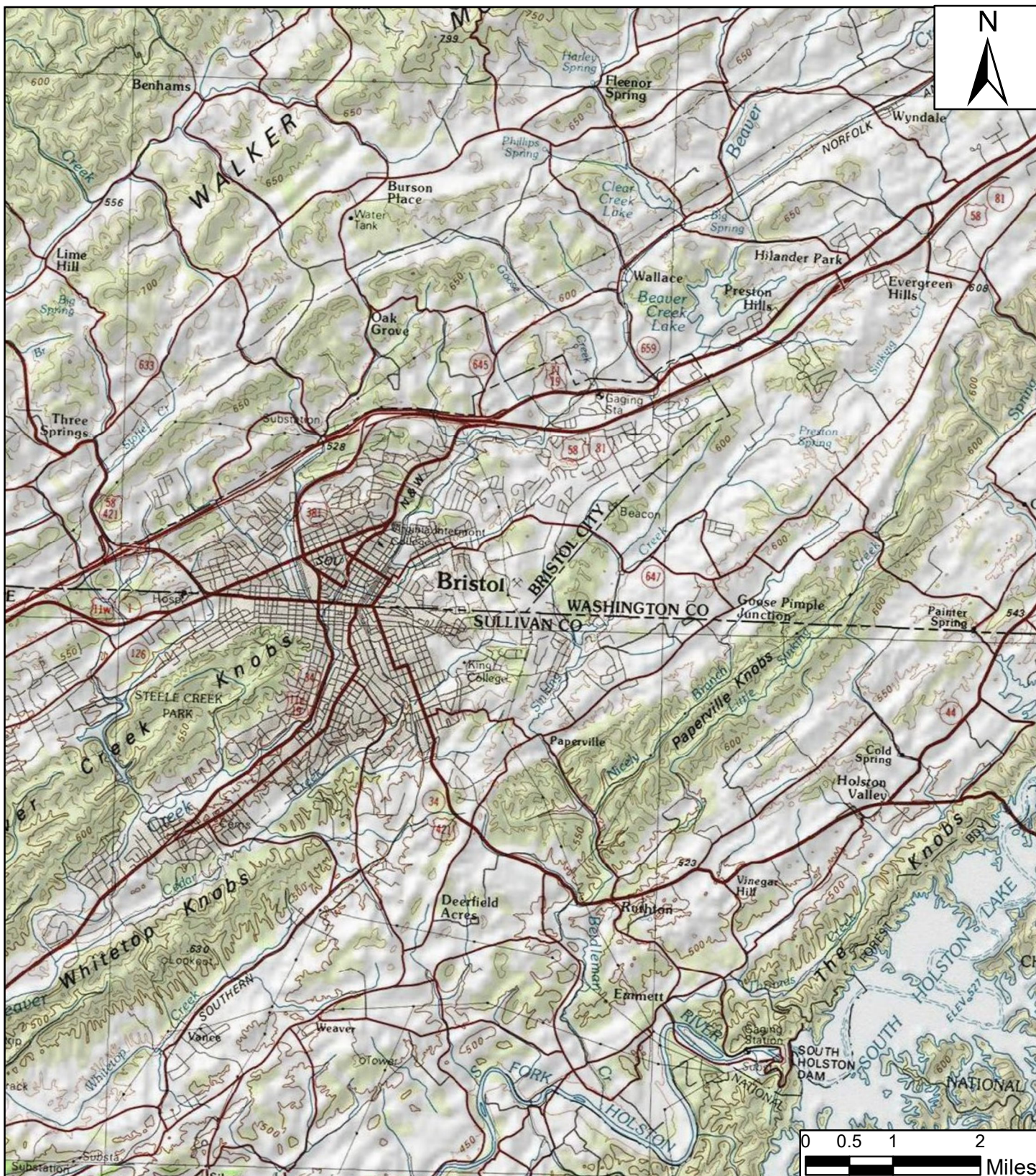
Tetra Tech. 2021c. “Final Air Monitoring Plan (AMP) – Addendum 1.” October 27.

United States Environmental Protection Agency (EPA). 2005. “Uniform Federal Policy for Quality

APPENDIX A

FIGURES

- 1 Site Location Map
- 2 Air Monitoring Location Map
- 3 Air Monitoring Location Map – June-July and October 2021

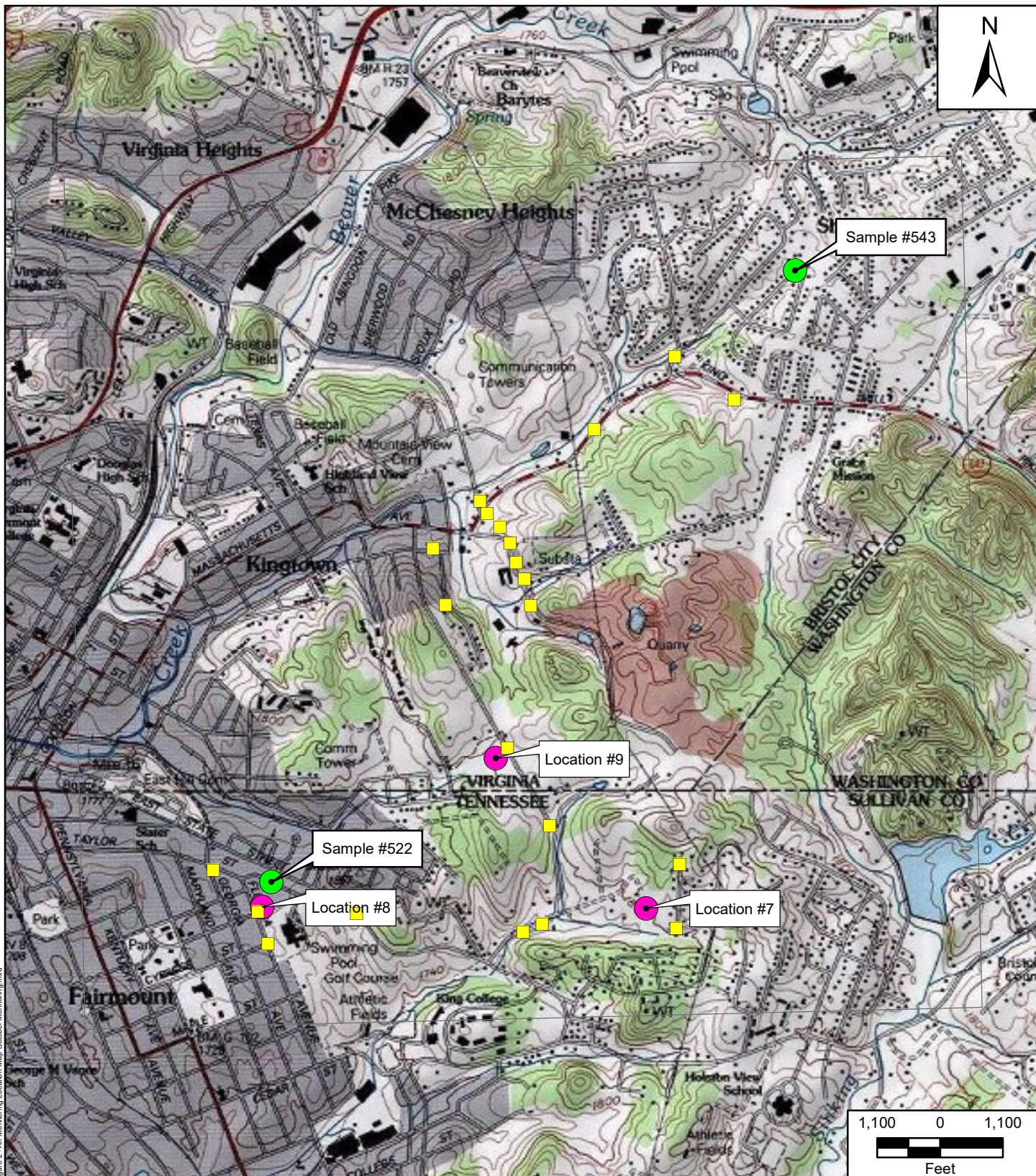


11184 Bristol Air Site
Bristol, Virginia

Figure 1
Site Location Map

TDD#: T601-21-05-004
Contract: 68-HE-0320-D0003
Prepared: 12/8/2021





Legend

- Mobile Air Monitoring Locations - October
- Stationary Air Monitoring Locations - October
- VADEQ Independent Air Sampling Locations

Source: Copyright: © 2013 National Geographic Society, i-cubed

11184 Bristol Air Site
Bristol, Washington County, VA

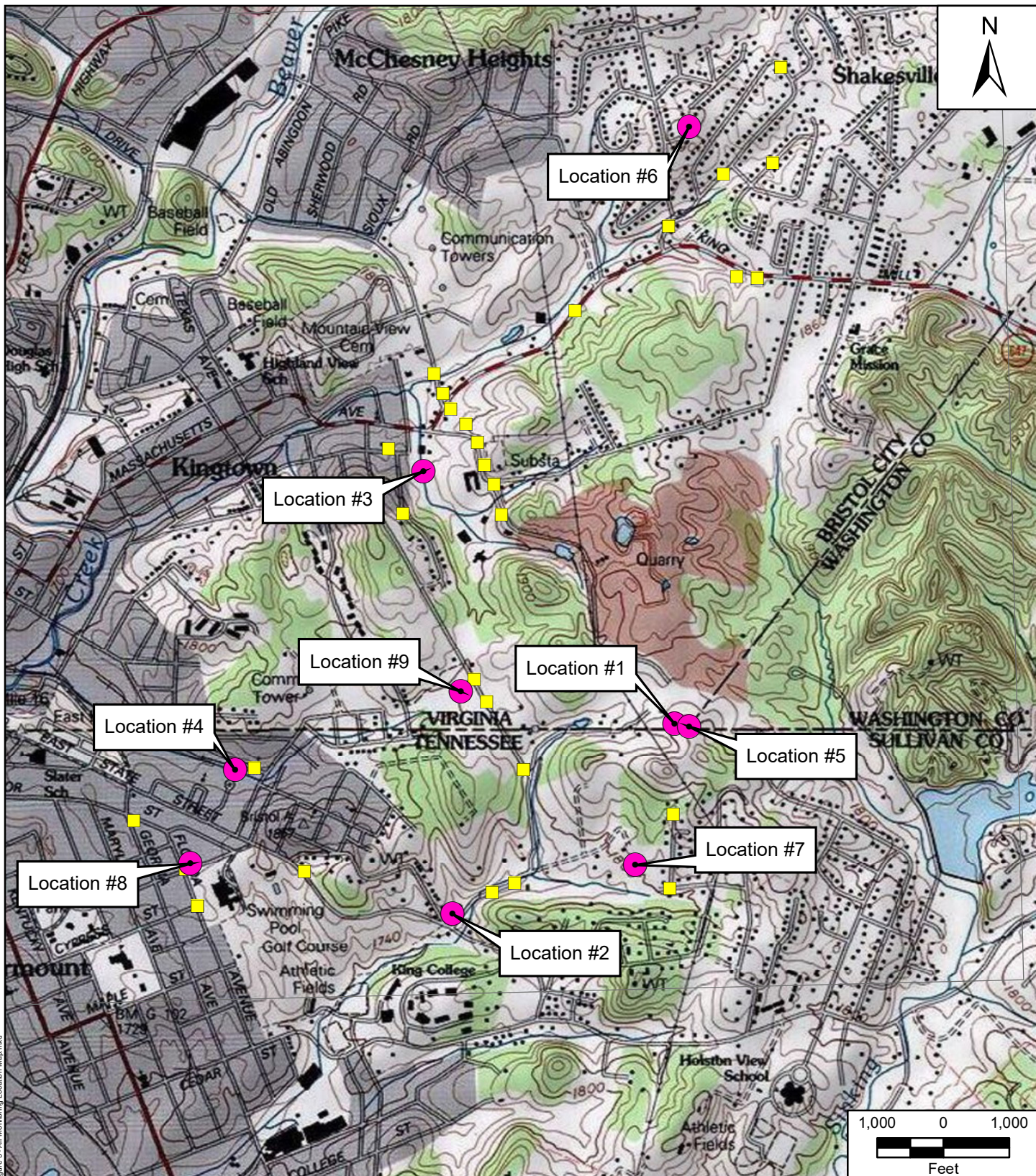
Figure 2
Air Monitoring Location Map
October 19-28, 2021



Prepared For: EPA R3 START VI

Prepared By: Cole Devine

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere



Legend

- Stationary Air Monitoring Locations
- Mobile Air Monitoring Locations

11184 Bristol Air Site
Bristol, Washington County, VA

Figure 3
Air Monitoring Location Map
June - July and October 2021



Prepared For: EPA R3 START VI

Prepared By: Cole Devine

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere

Source: Copyright: © 2013 National Geographic Society, i-cubed

EPA Contract No: 68-HE-0320-D0003

TD No: T601-21-05-004

APPENDIX B

AIR MONITORING LOCATIONS SUMMARY

APPENDIX B
AIR MONITORING LOCATIONS SUMMARY
11184 BRISTOL AIR SITE
BRISTOL, VA

Location	SPM #	MultiRAE #	Gateway #	Sensors	Latitude°	Longitude°	Description	Address	Start Date	End Date	Comments
7		B09946	289	VOC, CH ₃ SH, SO ₂ , H ₂ S			Residential	Sparkling Brook Drive Bristol, TN	10/19/21 @ 1711	10/28/21 @ 0834	
7	192.168.3.145		289	SO ₂						10/28/21 @ 0834	
7	192.168.3.111		289	H ₂ S			Residential			10/28/21 @ 0834	
7	192.168.3.111		289	NH ₃			Residential			10/28/21 @ 0834	
8		B09922	294	VOC, CH ₃ SH, SO ₂ , H ₂ S			Residential	Florida Ave. Bristol, TN	10/19/21 @ 1353	10/28/21 @ 0921	
8	192.168.3.148		294	SO ₂			Residential			10/28/21 @ 0921	
8	192.168.3.151		294	H ₂ S			Residential			10/28/21 @ 0921	
8	192.168.3.36		294	NH ₃			Residential			10/28/21 @ 0921	
9			323	VOC, CH ₃ SH, SO ₂ , H ₂ S			Residential	Booher Road Bristol, VA	10/19/21 @ 1538	10/28/21 @ 0849	New 911 address is: Booher Springs Rd, Bristol, VA
9	192.168.3.162		323	SO ₂			Residential			10/28/21 @ 0849	
9	192.168.3.147		323	H ₂ S			Residential			10/28/21 @ 0849	
9	192.168.3.143		323	NH ₃			Residential			10/28/21 @ 0849	

Notes:

° = degrees

E = East

CH₃SH = Methyl mercaptan

H₂S = Hydrogen sulfide

NH₃ = Ammonia

Rd = Road

SO₂ = Sulfur dioxide

SPM = Single point monitor

St = Street

TN = Tennessee

VA = Virginia

VOC = Volatile organic compound

APPENDIX C

AIR MONITORING RESULTS SUMMARY – LOCATION #7

APPENDIX C
AIR MONITORING RESULTS SUMMARY – LOCATION #7
11184 Bristol Air Site
Bristol, Virginia
October 19-28, 2021

Location # 7

Start date: October 19, 2021

End date: October 28, 2021

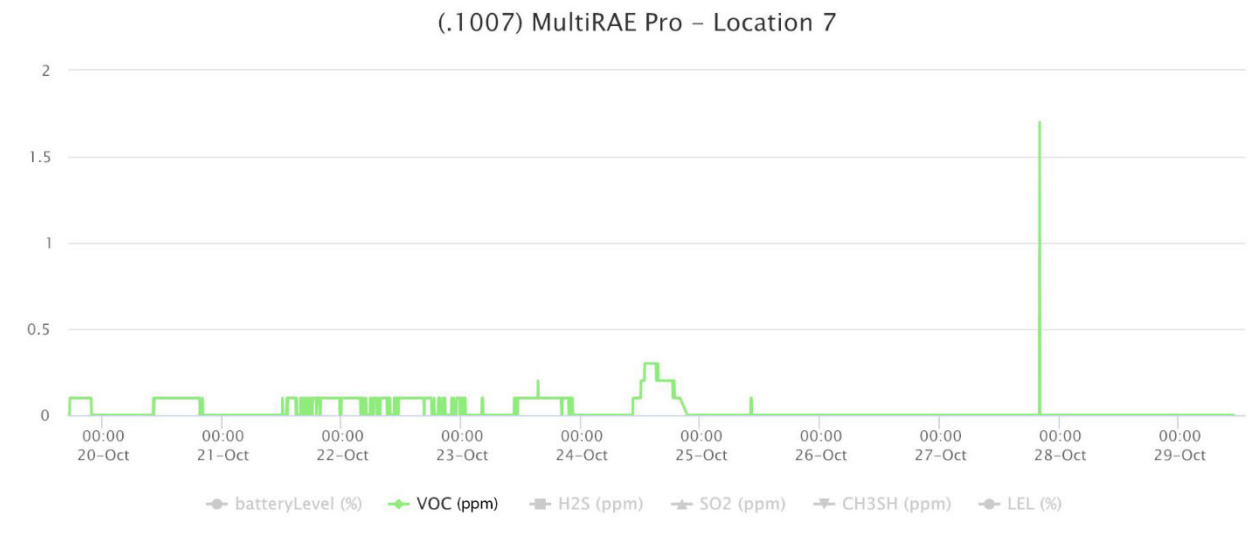
Instruments/Parameters:

- MultiRAE with photoionization detector (PID) for volatile organic compounds (VOC), methyl mercaptan (CH₃SH), hydrogen sulfide (H₂S), sulfur dioxide (SO₂), and lower explosive limit (LEL). The MultiRAE was taken off line for bump testing on 10/24/2021 at 1953 and remained off line until 10/24/2021 at 2120.
- Single-Point Monitor (SPM) Flex unit with hydrides chemcassette set to monitor for hydrogen sulfide.
- SPM Flex unit with amines chemcassette set to monitor for ammonia (NH₃).
- SPM Flex unit with sulfur dioxide chemcassette.
- Air monitoring period from 1711 on October 19, 2021 until 0829 on October 28, 2021.

Air Monitoring Results – October 19 through October 28, 2021

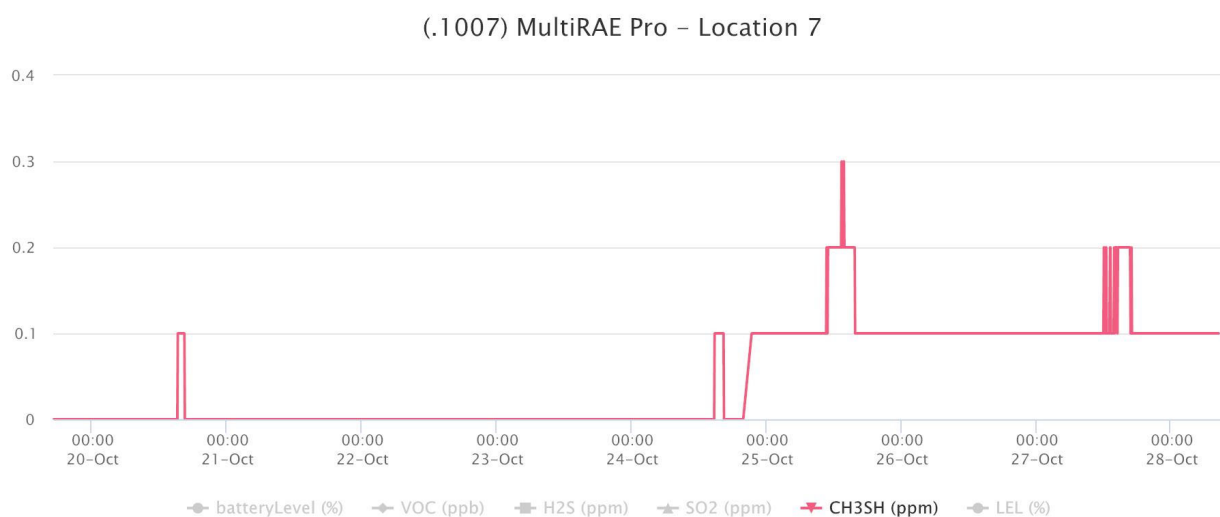
Location #7 MultiRAE VOC

The MultiRAE at location 7 recorded detections in parts per million (ppm) instead of parts per billion (ppb). The levels shown on the graph below are in ppm. VOC detections up to 0.1 ppm occurred daily through the monitoring period except for 10/26 and 10/28 when there were no detections. Daily peak concentrations were as follows: 0.1 ppm on 10/19/2021 through 10/22/2021; 0.2 ppm on 10/23/2021, which occurred as a short term spike at 1522 and lasted approximately 10 seconds; 0.3 ppm on 10/24/2021; and 1.7 ppm which occurred as a short-term spike that lasted less than one minute at 2001 on 10/27/2021. When Tetra Tech conducted a Site visit on the evening of 10/24/2021, it was discovered that the tubing had become disconnected from the MultiRAE inside the Pelican case where it was staged and the air inside the case had been monitored instead of outdoor ambient air for an unknown amount of time. The tubing was re-connected to the MultiRAE intake before departing the Site on 10/24/2021. A graph of VOC monitoring results is presented below.



Location #7 MultiRAE Methyl Mercaptan:

Methyl mercaptan was not detected on 10/19 or 10/21 through 10/23. Methyl mercaptan was detected on 10/20 at 0.1 ppm from approximately 1516 to 1627. It was detected again at 0.1 ppm on 10/24 and was detected continuously at concentrations of 0.1 ppm or greater from 2120 on 10/24 throughout the remaining sampling period that ended on 10/28. The highest detection level was 0.3 ppm, detected as short-term spikes at 1324 and 1344 on October 25. A graph of the methyl mercaptan monitoring results is presented below.



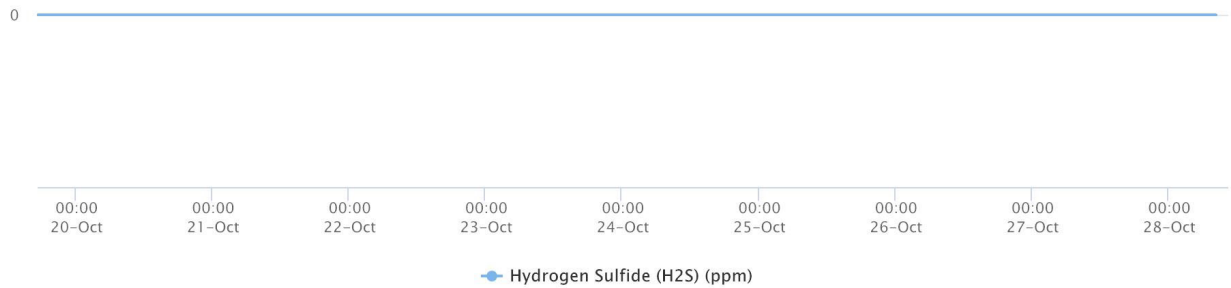
Location #7 MultiRAE SO₂, H₂S, and Lower Explosive Limit (LEL)

The MultiRAE also had sensors for monitoring hydrogen sulfide, sulfur dioxide, and LEL. Graphs for sulfur dioxide and hydrogen sulfide are not included because these parameters were monitored using the SPM flex units, which are more accurate and have lower detection limits. There were no detections of hydrogen sulfide and no detections of LEL above 0%. Sulfur dioxide was detected throughout the monitoring period at concentrations between 0.1 to 0.2 ppm. The maximum concentration detected was 0.9 ppm at 20:01 on 10/27. Other detections at concentrations above 0.2 ppm occurred at 0.3 ppm on 10/20 and 10/24 and short term spikes of 0.4 ppm on 10/25 through 10/27.

Location #7 SPM Flex - Hydrogen Sulfide:

Hydrogen sulfide was not detected on the SPM flex unit at this location during the monitoring period. A graph of hydrogen sulfide monitoring data is presented below.

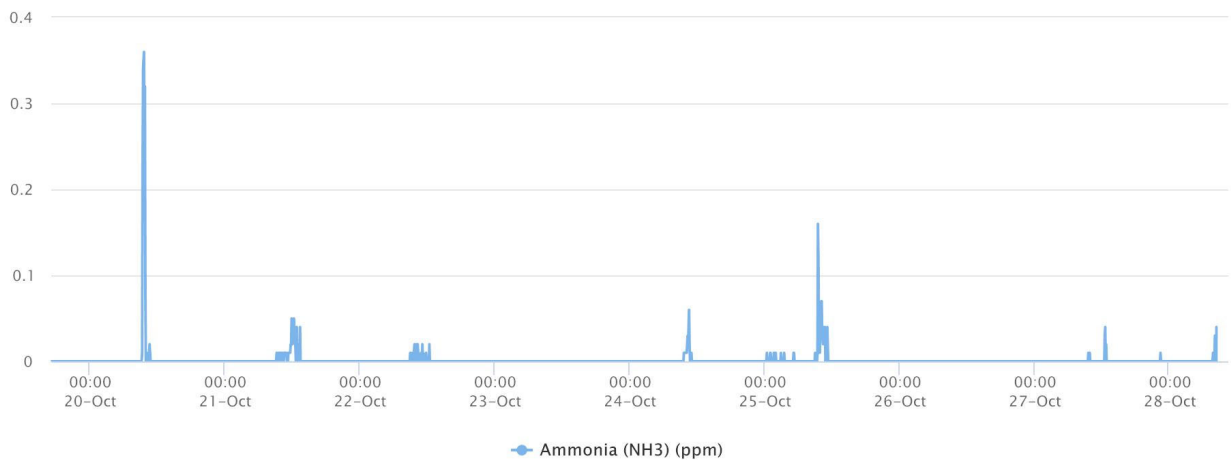
(.111) SPM Flex – Location 7



Location #7 SPM Flex - Ammonia:

Ammonia was detected on several occasions during the monitoring period. The maximum concentration detected was 0.36 ppm at 0942 on 10/20. Other daily peak detections are as follows: 0.05 ppm at 1156 and 1224 on 10/21; 0.02 ppm at numerous times from 0946 to 1226 on 10/22; 0.06 ppm at 1035 on 10/24; 0.16 ppm at 0934 on 10/25; 0.04 ppm at 1237 on 10/27; and 0.04 ppm at 0828 on 10/28. Ammonia was not detected on 10/19, 10/23, or 10/26. Ammonia monitoring results are presented in the graph below.

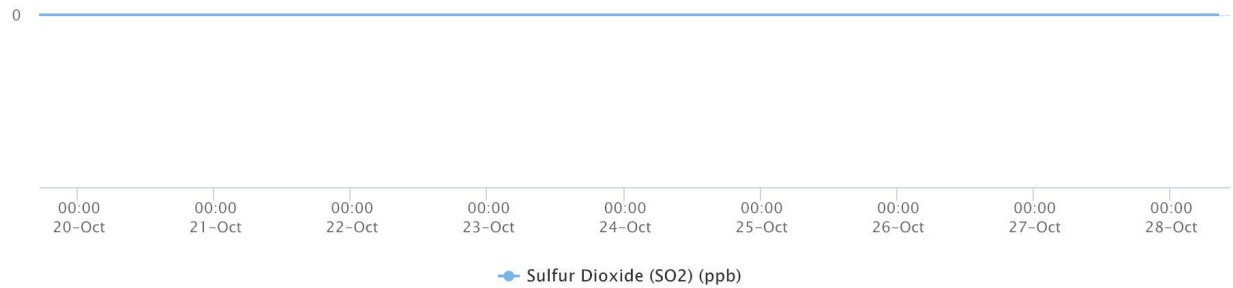
(.116) SPM Flex – Location 7



Location #7 SPM Flex – Sulfur dioxide:

Sulfur dioxide was not detected at this location during the monitoring period. The graph of sulfur dioxide monitoring results is presented below.

(.145) SPM Flex – Location 7



APPENDIX D

AIR MONITORING RESULTS SUMMARY – LOCATION #8

APPENDIX D
AIR MONITORING RESULTS SUMMARY – LOCATION #8
11184 Bristol Air Site
Bristol, Virginia
October 19 – October 28, 2021

Location # 8

Start date: October 19, 2021

End date: October 28, 2021

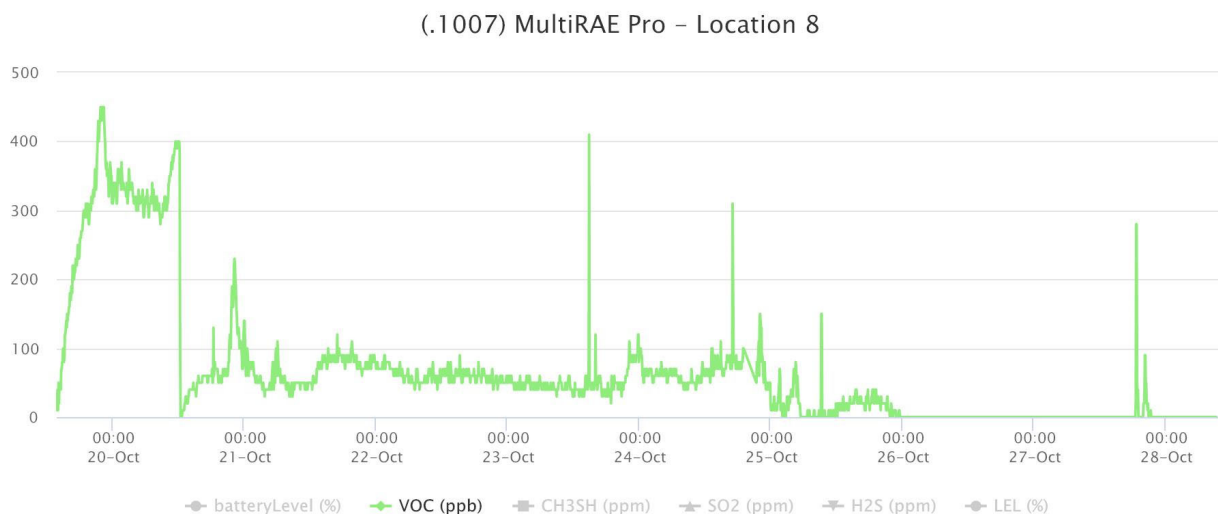
Instruments/Parameters:

- MultiRAE with photoionization detector (PID) for volatile organic compounds (VOC), methyl mercaptan (CH₃SH), hydrogen sulfide (H₂S), sulfur dioxide (SO₂), and lower explosive limit (LEL). The MultiRAE was taken off line for bump testing on 10/24/2021 at 1902 and remained off line until 10/24/2021 at 2123.
- Single-Point Monitor (SPM) Flex unit with hydrides chemcassette set to monitor for hydrogen sulfide.
- SPM Flex unit with amines chemcassette set to monitor for ammonia (NH₃).
- SPM Flex unit with sulfur dioxide chemcassette
- Air monitoring period from 1353 on October 19, 2021 to 0921 on October 28, 2021.

Air Monitoring Results – October 19 through October 28, 2021

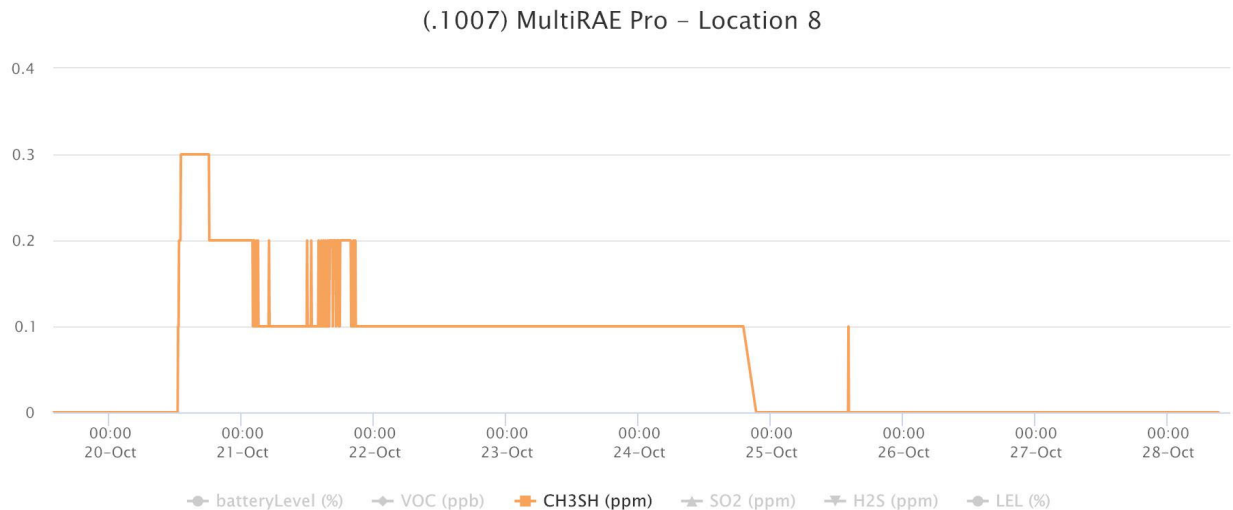
Location #8 MultiRAE VOC

VOC detections occurred continuously from 10/19 at 1350 until 10/25 at 2249. The highest concentrations were observed from soon after startup on 10/19 to 1212 on 10/20. This was attributable to the tubing being disconnected from the MultiRAE and monitoring levels inside the Pelican case. VOC levels dropped back to 0 parts per billion (ppb) initially after the tubing was reconnected on 10/20. Levels did begin subsequently increasing again, but not to the previous levels (except for a few short-term spikes). After reconnecting the tubing, VOC levels generally remained at or below 100 ppb, with a few short-term spike detections up to 2249 on 10/25. There were no VOC detections from 10/25 at 2329 to 10/27 at 2117 and from 10/27/21 at 2117 through the end of the monitoring period on 10/28 at 0919. Daily peak concentrations after the MultiRAE tubing was reconnected were as follows: 230 ppb at 2210 on 10/20; 140 ppb at 0000 on 10/21; 90 ppb at 0132 on 10/22; 410 ppb at 1450 on 10/23; 310 ppb at 1704 on 10/24; 150 ppb at 0914 on 10/25; and 280 ppb at 1839 on 10/27. There were no VOC detections observed on 10/26 or 10/28. The VOC monitoring results for this location are shown on the graph below.



Location #8 MultiRAE Methyl Mercaptan (CH₃SH)

Methyl mercaptan was detected continuously at concentrations ranging from 0.1 to 0.3 parts per million (ppm) from 10/20 at 1226 to 10/24 at 1903. The peak concentration of 0.3 ppm was observed on 10/20 from 1258 to 1800. The only other detection was at 0.1 ppm on 10/25 at 1407. The monitoring results for methyl mercaptan are shown on the graph below.

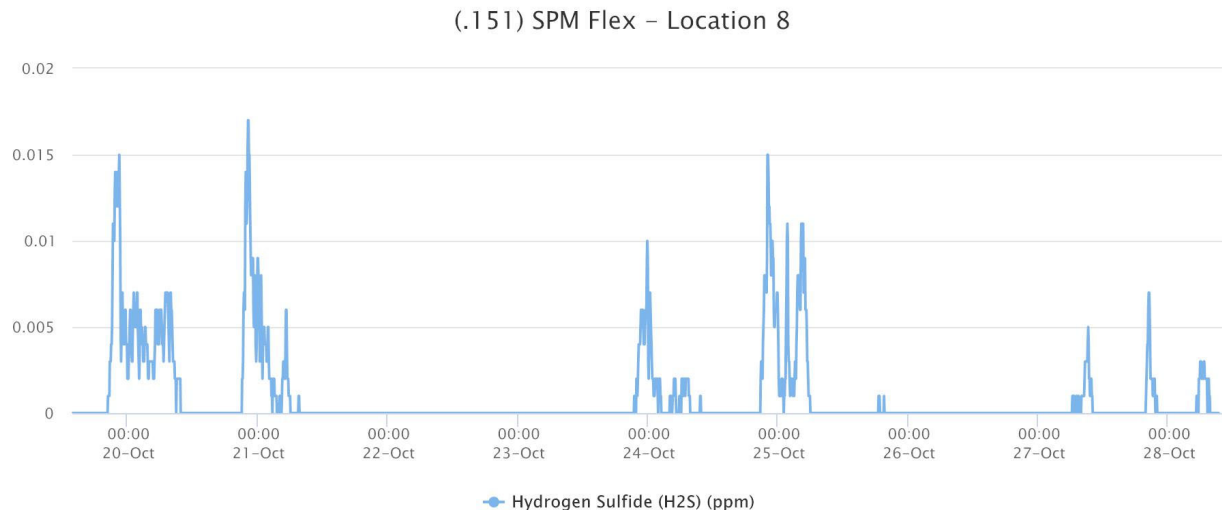


MultiRAE LEL, SO₂ and H₂S Location #8:

Hydrogen sulfide and sulfur dioxide were monitored using the MultiRAE in addition to the SPM Flex units during this period. The SPM flex units are considered to be more accurate and have lower detection limits and graphs for these MultiRAE parameters are not included in this report. There were no detections of hydrogen sulfide and no detections of LEL above 0% during the monitoring period. Sulfur dioxide was detected continuously throughout the monitoring period at concentrations between 0.1 to 0.2 ppm, except for a few very brief periods of non-detect.

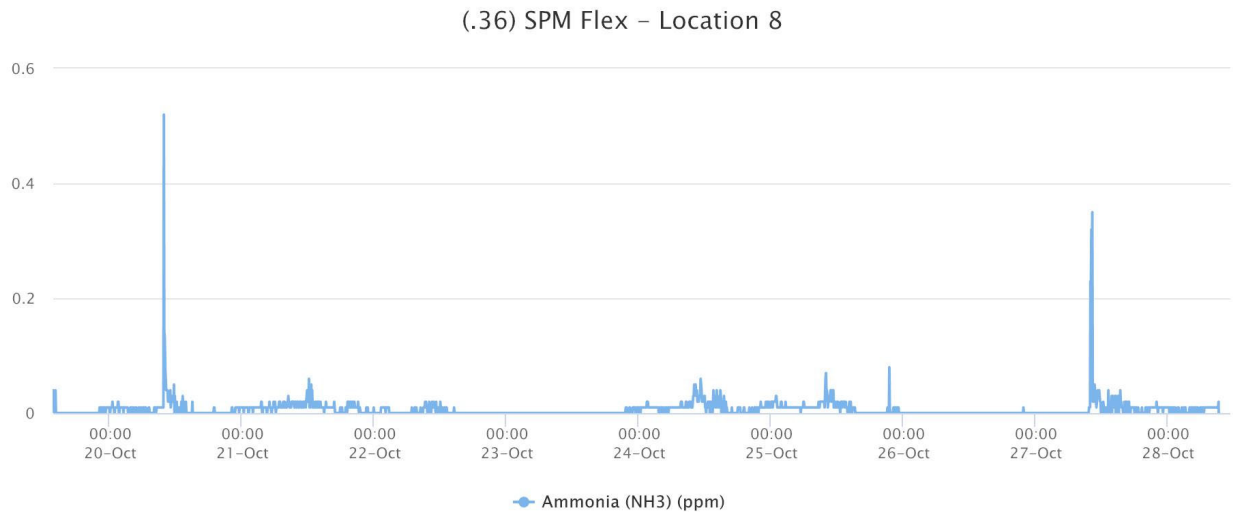
Location #8 SPM Flex Hydrogen Sulfide (H₂S):

Hydrogen sulfide was detected sporadically throughout the monitoring period, with detections generally occurring in late evening and continuing almost continuously until the following morning. Hydrogen sulfide was detected almost continuously during the following time periods: 2022 on 10/19 to 0943 on 10/20 with a peak of 0.015 ppm at 2215 on 10/19; 2110 on 10/20 to 0556 on 10/21 with a peak of 0.017 ppm at 2215 on 10/20; 2126 on 10/23 to 0742 on 10/24 with a peak at 0.010 ppm at 2353 on 10/23; 2045 on 10/24 to 0552 on 10/25 with a peak of 0.015 ppm from 2204 to 2209 on 10/24; 0616 to 1000 on 10/27 with a peak of 0.005 ppm from 0910 to 0914; 1954 to 2151 on 10/27 with a peak of 0.007 ppm from 2021 to 2026; and 0514 to 0737 on 10/28 with peaks of 0.003 ppm from 0554 to 0601 and 0634 to 0637. There were no detections on 10/26 and from 10/21 at 0808 to 10/24 at 2138. A graph of hydrogen sulfide monitoring results is presented below.



Location #9 SPM Flex Ammonia (NH₃):

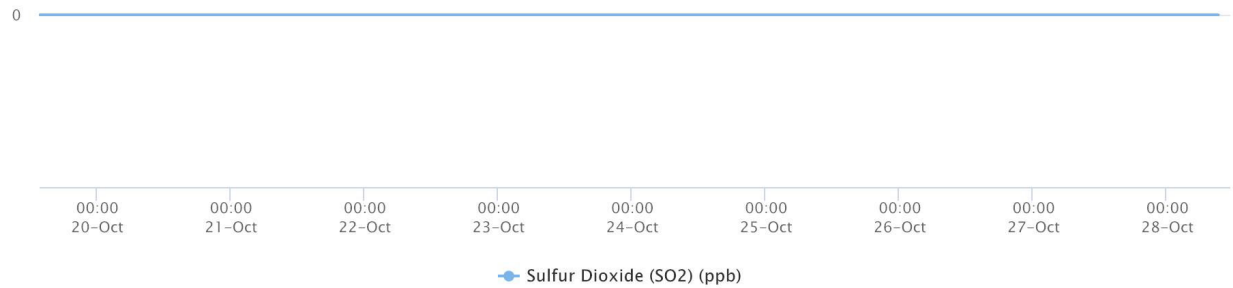
Ammonia was detected throughout much of the monitoring period, with detection levels generally between 0.01 to 0.02 ppm, with sporadic periods of elevated levels. The maximum concentration of 0.52 ppm was detected at 0952 on 10/20. Other daily peak detections were as follows: 0.04 ppm at 1412 on 10/19 (this reading was obtained as the equipment was being set up with the tubing on the ground and may have been due to the frequent presence of the resident's pet dog in the yard area); 0.06 ppm at 1211 on 10/21; 0.02 ppm at several short-term spikes from 0918 to 1200 on 10/22; 0.01 ppm on several occasions from 2141 to 2359 on 10/23; 0.06 ppm at 1115 on 10/24; 0.08 ppm at 2133 on 10/25; 0.01 ppm at 2153 on 10/26; 0.35 ppm at 1023 on 10/27; and 0.02 ppm at 0917 on 10/28. A graph of ammonia monitoring results is presented below.



Location #8 SPM Flex Sulfur Dioxide (SO₂):

Sulfur dioxide was not detected at this location during the monitoring period. A graph showing monitoring results is presented below.

(.148) SPM Flex – Location 8



APPENDIX E

AIR MONITORING RESULTS SUMMARY – LOCATION #9

APPENDIX E
AIR MONITORING RESULTS SUMMARY – LOCATION #9
11184 Bristol Air Site
Bristol, Virginia
October 19 – October 28, 2021

Location # 9

Start date: October 19, 2021

End date: October 28, 2021

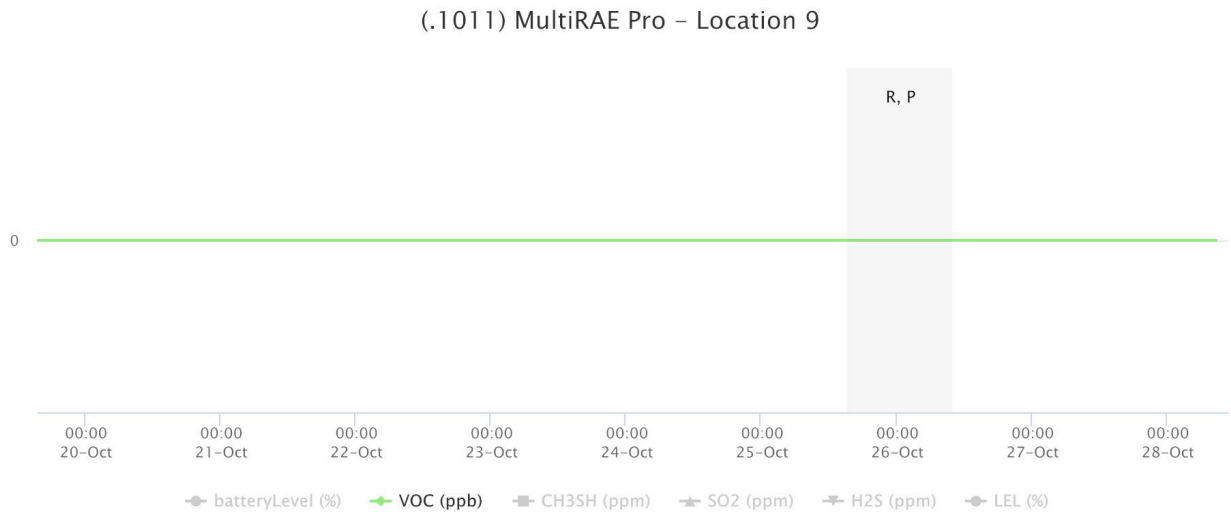
Instruments: Instruments/Parameters:

- MultiRAE with photoionization detector (PID) for volatile organic compounds (VOC), methyl mercaptan (CH₃SH), hydrogen sulfide (H₂S), sulfur dioxide (SO₂), and lower explosive limit (LEL). The MultiRAE was taken off line for bump testing on 10/24/2021 at 1834 and remained off line until 10/24/2021 at 2121. The MultiRAE pump failed at 1528 on 10/25/2021 and was off until 0958 on 10/26/2021 when the pump restarted.
- Single-Point Monitor (SPM) Flex unit with hydrides chemcassette set to monitor for hydrogen sulfide.
- SPM Flex unit with amines chemcassette set to monitor for ammonia (NH₃).
- SPM Flex unit with sulfur dioxide chemcassette.
- Air monitoring period from 1511 on October 19, 2021 until 0849 on October 28, 2021.

Air Monitoring Results – October 19 through October 28, 2021

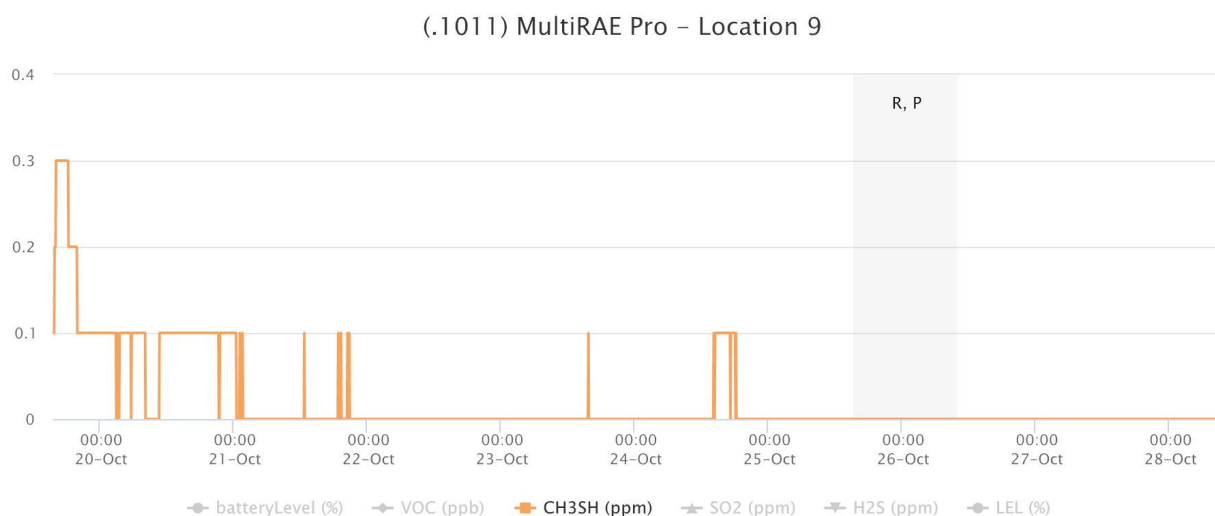
Location #9 MultiRAE VOC

There were no VOC detections during the monitoring period at location 9. The graph of VOC monitoring results is presented below.



Location #9 MultiRAE Methyl Mercaptan:

Methyl mercaptan was detected at low levels ranging from 0.1 parts per million (ppm) to 0.3 ppm almost continuously from 10/19/21 at 1538 until 10/21 at 0022. Subsequently, methyl mercaptan was only periodically detected at 0.1 ppm for the remainder of the monitoring period. The peak concentration detected was 0.3 ppm on 10/19 from 1603 to 1813. There were no detections on 10/22 and 10/25 through 10/28. A graph depicting methyl mercaptan monitoring results is presented below.

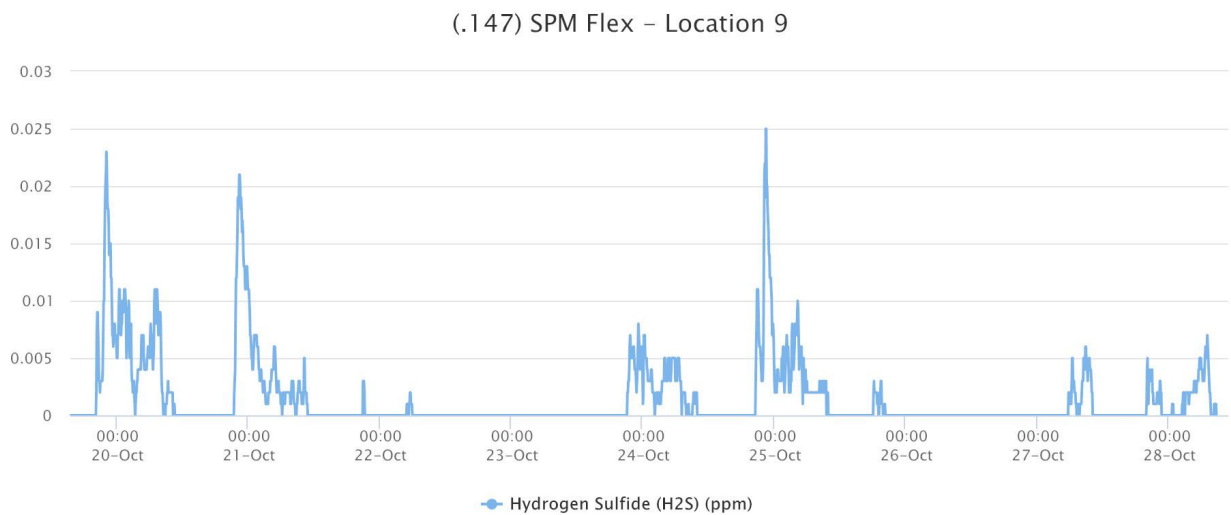


Location #9 MultiRAE Hydrogen Sulfide (H₂S), Sulfur Dioxide (SO₂), and Lower Explosive Limit (LEL):

The MultiRAE was also set to record detections of hydrogen sulfide and Sulfur Dioxide. These parameters are not shown on the graphs because SPM Flex units monitoring for the same compounds were set up at this location. The SPM flex units are considered more accurate and have a lower detection levels. There were no detections of hydrogen sulfide and no detections of LEL above 0% during the monitoring period. Sulfur dioxide was detected frequently throughout the monitoring period at 0.1 ppm. The peak detection was 0.2 ppm, a short-term detection that occurred on 10/25 at 14:23.

Location #9 SPM Flex Hydrogen Sulfide (H₂S):

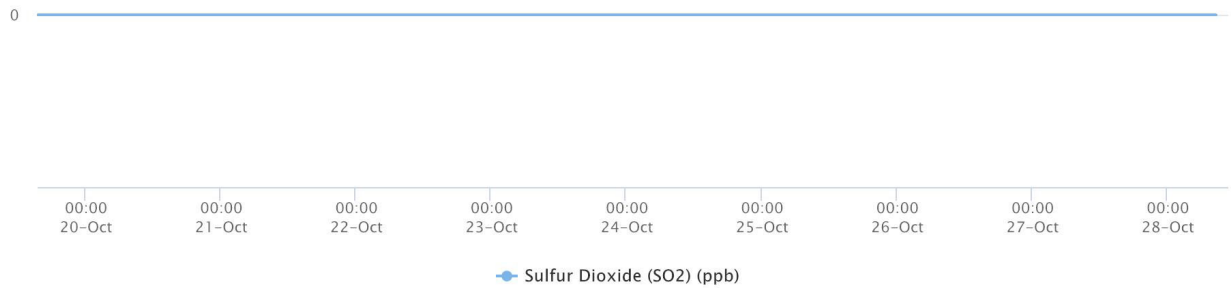
Hydrogen sulfide was detected daily throughout the monitoring period, except for 10/26. In general, detections normally began in late evenings between 2000 and 2130 and continued into the next morning, ending between 0930 to 1100. The maximum concentration detected was 0.025 ppm, which occurred at 2226 on 10/24. Other daily peak concentrations are as follows: 0.023 ppm at 2208 on 10/19; 0.021 ppm from 2221 to 2226 on 10/20; 0.011 ppm at 0000 on 10/21; 0.002 ppm at 0532 on 10/22; 0.008 ppm at 2313 on 10/23; 0.025 at 2230 on 10/24; 0.010 ppm at 0418 on 10/25; 0.006 ppm at 0852 on 10/27; and 0.007 ppm at 0702 on 10/28. Hydrogen sulfide monitoring results are shown on the graph below.



Location #9 SPM Flex Sulfur Dioxide (SO₂):

Sulfur dioxide was not detected at this location during the monitoring period. A graph showing monitoring results is presented below.

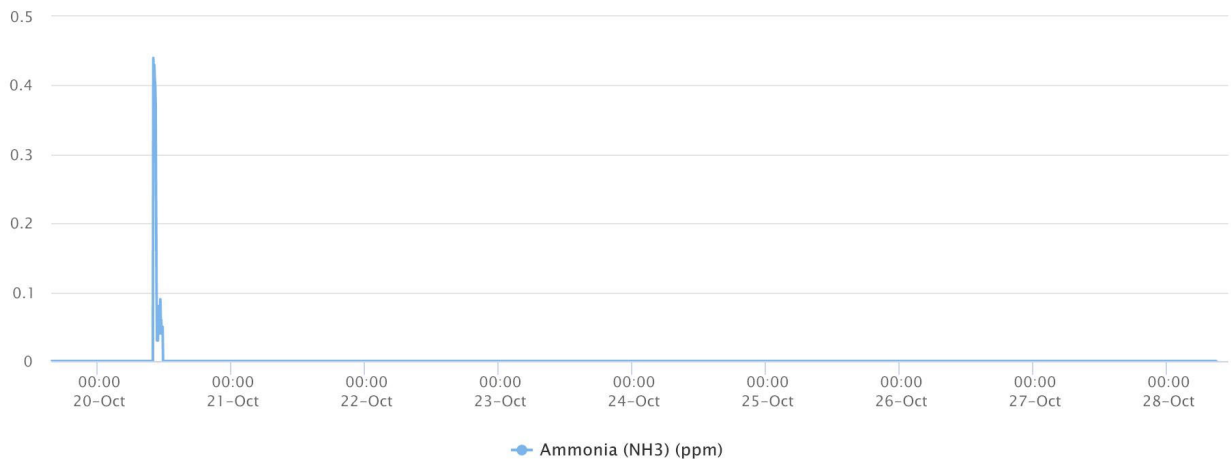
(.162) SPM Flex – Location 9



Location #9 SPM Flex Ammonia (NH₃):

Ammonia was detected almost continually from 0951 to 1133 on 10/20, with a peak concentration of 0.44 ppm detected at 0954. Ammonia was not detected at any other time during the monitoring period at this location. The ammonia monitoring results shown on the graph below.

(.143) SPM Flex – Location 9



APPENDIX F

ANALYTICAL RESULTS TABLE AND VOC AIR MONITORING GRAPHS

Appendix F - Summary of VADEQ Analytical Results for Air Samples
11184 Bristol Air Site
Bristol, Virginia
September 30 to October 28, 2021

Sample ID: Canister No. Location: Sample Date (beginning date): Sampling Duration: Matrix:		B093021 543 6 9/30/2021 29 hr 40 min Air			B100121 522 Taylor Street, Bristol, TN 10/1/2021 29 hr 44 min Air			B102021 332 8 10/20/2021 9 hr 8 min Air			B102721 542 8 10/27/2021 8 hr 17 min Air			B102721 S-186 8 10/27/2021 9 hr 7 min Air			B102321 346 9 10/23/2021 27 hr 42 min Air			B102721 523 9 10/27/2021 27 hr 15 min Air		
Parameter		Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q
1,1,1-Trichloroethane	5.46	0.125	0.68	ND	0.125	0.68	ND	0.125	0.68	ND	0.125	0.68	ND	0.125	0.68	ND	0.01	0.05	MD	0.125	0.68	ND
1,1,2,2-Tetrachloroethane	6.87	0.125	0.86	ND	0.125	0.86	ND	0.125	0.86	ND	0.125	0.86	ND	0.125	0.86	ND	0.125	0.86	ND	0.125	0.86	ND
1,1,2-Trichloroethane	5.46	0.125	0.68	ND	0.125	0.68	ND	0.125	0.68	ND	0.125	0.68	ND	0.125	0.68	ND	0.125	0.68	ND	0.125	0.68	ND
1,1,2-Trichlorotrifluoroethane	7.67	0.08	0.61	SQ	0.08	0.61	SQ	0.04	0.31	SQ	0.08	0.61	SQ	0.08	0.61	SQ	0.08	0.61	SQ	0.08	0.61	SQ
1,1-Dichloroethane	4.05	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND
1,1-Dichloroethene	3.97	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND
1,2,4-Trichlorobenzene	7.42	0.25	1.86	ND/AC1	0.250	1.86	ND/AC1	0.25	1.86	ND/AC1	0.25	1.86	ND	0.25	1.86	ND	0.15	1.11	AC1/MD	0.25	1.86	ND
1,2,4-Trimethylbenzene	4.92	0.07	0.34	SQ	0.19	0.93		0.17	0.84		0.09	0.44	SQ	0.09	0.44	SQ	0.32	1.57		0.14	0.69	
1,2-Dibromoethane	7.69	0.125	0.96	ND	0.125	0.96	ND	0.125	0.96	ND	0.125	0.96	ND	0.125	0.96	ND	0.125	0.96	ND	0.125	0.96	ND
1,2-Dichlorobenzene	6.01	0.02	0.12	MD	0.125	0.75	ND	0.125	0.75	ND	0.125	0.75	ND	0.125	0.75	ND	0.05	0.30	MD	0.125	0.75	ND
1,2-Dichloroethane	4.05	0.125	0.51	ND	0.02	0.08	MD	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND
1,2-Dichloropropane	4.62	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND
1,3,5-Trimethylbenzene	4.92	0.02	0.10	MD	0.06	0.30	SQ	0.05	0.25	SQ	0.03	0.15	MD	0.03	0.15	MD	0.11	0.54	SQ	0.04	0.20	SQ
1,3-Butadiene	2.21	0.125	0.28	ND	0.125	0.28	ND	0.125	0.28	ND	0.125	0.28	ND	0.125	0.28	ND	0.125	0.28	ND	0.125	0.28	ND
1,3-Dichlorobenzene	6.01	0.02	0.12	SQ	0.125	0.75	ND	0.125	0.75	ND	0.125	0.75	ND	0.125	0.75	ND	0.05	0.30	SQ	0.125	0.75	ND
1,4-Dichlorobenzene	6	0.03	0.18	MD	0.25	1.50	ND	0.25	1.50	ND	0.25	1.50	ND	0.25	1.50	ND	0.09	0.54	MD	0.25	1.50	ND
4-Ethyltoluene	4.92	0.02	0.10	MD	0.05	0.25	MD	0.04	0.20	MD	0.125	0.62	ND	0.125	0.62	ND	0.125	0.62	ND	0.125	0.62	ND
Acetonitrile	1.68	0.125	0.21	ND/AC1	0.125	0.21	ND/AC1	0.125	0.21	ND	0.125	0.21	ND	0.125	0.21	ND	0.125	0.21	ND	0.125	0.21	ND
Acrolein	2.29	0.44	1.01	AC1	0.64	1.47	AC1	0.25	0.57	ND/AC1	0.47	1.08		0.44	1.01		0.25	0.57	ND/AC1	2.05	4.69	
Acrylonitrile	2.17	0.125	0.27	ND	0.125	0.27	ND	0.125	0.27	ND	0.125	0.27	ND	0.125	0.27	ND	0.125	0.27	ND	0.125	0.27	ND
Benzene	3.19	0.37	1.18		3.97	12.66		3.99	12.73		2.13	6.79		2.42	7.72	ND	9.53	30.40		4.33	13.81	
Bromodichloromethane	6.7	0.125	0.84	ND	0.125	0.84	ND	0.125	0.84	ND	0.125	0.84	ND	0.125	0.84	ND	0.125	0.84	ND	0.125	0.84	ND
Bromoform	10.34	0.125	1.29	ND	0.125	1.29	ND	0.125	1.29	ND	0.125	1.29	ND	0.125	1.29	ND	0.125	1.29	ND	0.125	1.29	ND
Bromomethane	3.89	0.125	0.49	ND	0.125	0.49	ND	0.125	0.49	ND	0.125	0.49	ND	0.125	0.49	ND	0.125	0.49	ND	0.125	0.49	ND
Carbon Tetrachloride	6.29	0.08	0.50	SQ	0.07	0.44	SQ	0.04	0.25	SQ	0.06	0.38	SQ	0.07	0.44	SQ	0.06	0.38	SQ	0.08	0.50	SQ
Chlorobenzene	4.61	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND

Appendix F - Summary of VADEQ Analytical Results for Air Samples
11184 Bristol Air Site
Bristol, Virginia
September 30 to October 28, 2021

Sample ID: Canister No. Location: Sample Date (beginning date): Sampling Duration: Matrix:		B093021 543 6 9/30/2021 29 hr 40 min Air			B100121 522 Taylor Street, Bristol, TN 10/1/2021 29 hr 44 min Air			B102021 332 8 10/20/2021 9 hr 8 min Air			B102721 542 8 10/27/2021 8 hr 17 min Air			B102721 S-186 8 10/27/2021 9 hr 7 min Air			B102321 346 9 10/23/2021 27 hr 42 min Air			B102721 523 9 10/27/2021 27 hr 15 min Air		
Parameter		Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q
Chloromethane	2.07	0.42	0.87		0.48	0.99		0.22	0.46		0.74	1.53		0.82	1.70		0.42	0.87		0.82	1.70	
Cyclohexane	3.44	0.125	0.43	ND	0.06	0.21	SQ	0.125	0.43	ND	0.04	0.14	SQ	0.03	0.10	SQ	0.06	0.21	SQ	0.05	0.17	SQ
Dibromochloromethane	8.52	0.125	1.07	ND	0.125	1.07	ND	0.125	1.07	ND	0.125	1.07	ND	0.125	1.07	ND	0.125	1.07	ND	0.125	1.07	ND
Dichlorodifluoromethane	4.95	0.55	2.72		0.55	2.72		0.29	1.44		0.58	2.87		0.66	3.27		0.54	2.67		0.6	2.97	
Ethyl Acetate	3.6	0.06	0.22	SQ	0.14	0.50		0.09	0.32	SQ	0.125	0.45	ND	0.125	0.45	ND	0.1	0.36	SQ	0.125	0.45	ND
Ethyl Chloride	2.64	0.125	0.33	ND	0.125	0.33	ND	0.125	0.33	ND	0.125	0.33	ND	0.125	0.33	ND	0.125	0.33	ND	0.125	0.33	ND
Ethylbenzene	4.34	0.08	0.35	SQ	0.5	2.17		0.53	2.30		0.22	0.95		0.23	1.00		1.09	4.73		0.45	1.95	
Freon 11	5.62	0.27	1.52		0.3	1.69		0.16	0.90		0.28	1.57		0.3	1.69		0.3	1.69		0.3	1.69	
Freon 114	6.99	0.125	0.87	ND	0.125	0.87	ND	0.125	0.87	ND	0.125	0.87	ND	0.125	0.87	ND	0.125	0.87	ND	0.125	0.87	ND
Heptane	4.1	0.04	0.16	SQ	0.09	0.37	SQ	0.125	0.51	ND	0.06	0.25	SQ	0.07	0.29	SQ	0.11	0.45	SQ	0.09	0.37	SQ
Hexachloro-1,3-Butadiene	10.66	0.125	1.33	ND	0.125	1.33	ND	0.125	1.33	ND	0.125	1.33	ND	0.125	1.33	ND	0.02	0.21	MD	0.125	1.33	
Hexane	3.53	0.07	0.25	SQ	0.17	0.60		0.18	0.64		0.09	0.32	SQ	0.09	0.32	ND	0.12	0.42	SQ	0.14	0.49	
MTBE	3.61	0.125	0.45	ND	0.125	0.45	ND	0.125	0.45	ND	0.125	0.45	ND	0.125	0.45	ND	0.125	0.45	ND	0.125	0.45	ND
Methyl Methacrylate	4.09	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND
Methylene Chloride	3.47	0.1	0.35	MD	0.12	0.42	SQ	0.06	0.21	MD	0.11	0.38	MD	0.12	0.42	SQ	0.12	0.42	SQ	0.1	0.35	MD
Propylene	1.72	0.8	1.38		1.43	2.46		0.125	0.22	ND	0.125	0.22	ND	0.125	0.22	ND	1.82	3.13		1.49	2.56	
Styrene	4.26	0.03	0.13	MD	0.04	0.17	MD	0.05	0.21	MD	0.07	0.30	MD	0.03	0.13	MD	0.11	0.47	MD	0.04	0.17	MD
Tetrachloroethylene	6.78	0.01	0.07	MD	0.02	0.14	MD	0.02	0.14	MD	0.125	0.85	ND	0.125	0.85	ND	0.03	0.20	SQ	0.125	0.85	ND
Tetrahydrofuran	2.95	0.05	0.15	SQ	0.45	1.33		0.33	0.97		0.27	0.80		0.32	0.94		1.01	2.98		0.56	1.65	
Toluene	3.77	0.2	0.75		1.02	3.85		0.98	3.69		0.45	1.70		0.47	1.77		1.3	4.90		0.76	2.87	
Trichloroethylene	5.37	0.125	0.67	ND	0.125	0.67	ND	0.125	0.67	ND	0.125	0.67	ND	0.125	0.67	ND	0.125	0.67	ND	0.125	0.67	ND
Trichloromethane	4.88	0.02	0.10	MD	0.03	0.15	SQ	0.02	0.10	MD	0.02	0.10	MD	0.02	0.10	MD	0.03	0.15	SQ	0.02	0.10	MD
Vinyl Chloride	2.56	0.125	0.32	ND	0.125	0.32	ND	0.125	0.32	ND	0.125	0.32	ND	0.125	0.32	ND	0.125	0.32	ND	0.125	0.32	ND
cis-1,2-Dichloroethene	3.97	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND
cis-1,3-Dichloropropene	4.54	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND
m,p-Xylenes	4.34	0.3	1.30		0.69	2.99		1.01	4.38		0.28	1.22		0.28	1.22		0.87	3.78		0.49	2.13	
o-Xylene	4.34	0.11	0.48	SQ	0.25	1.09		0.29	1.26		0.11	0.48	SQ	0.1	0.43	SQ	0.31	1.35		0.18	0.78	
trans-1,2-Dichloroethene	3.97	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND
trans-1,3-Dichloro-1-propene	4.54	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND

**Table 1 - Summary of VDEQ Analytical Results for Air Samples
11184 Bristol Air Site
Bristol, Virginia
June 15 to July 16, 2021**

Notes:

1. Duplicate Lab sample ID numbers on the electronic data deliverable (EDD).

Key:

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

Hr = hour

ID = Identifier

Min = Minute

No. = Number

ppbv = Parts per billion volume

Q = Qualifier

Data Validation Qualifiers:

AC1 - Continuing calibration verification (CCV) recovery was less than the method acceptance limit. Result may be biased low.

AC2 - CCV recovery exceeded the method acceptance limit. Result may be biased high.

AD1 - Relative percent difference (RPD) or absolute difference between duplicate samples exceeded limits.

MD - Reported value less than the method detection limit (MDL). The result should be considered an estimated value.

ND - Analyte was not detected at the sample quantitation limit (SQL)/reporting limit (RL).

SQ - Result was less than the SQL but at or above the MDL. The result should be considered an estimated value.

APPENDIX F
VOC Air Monitoring Graphs
11184 Bristol Air Site Bristol, Virginia

VADEQ Sample B102021

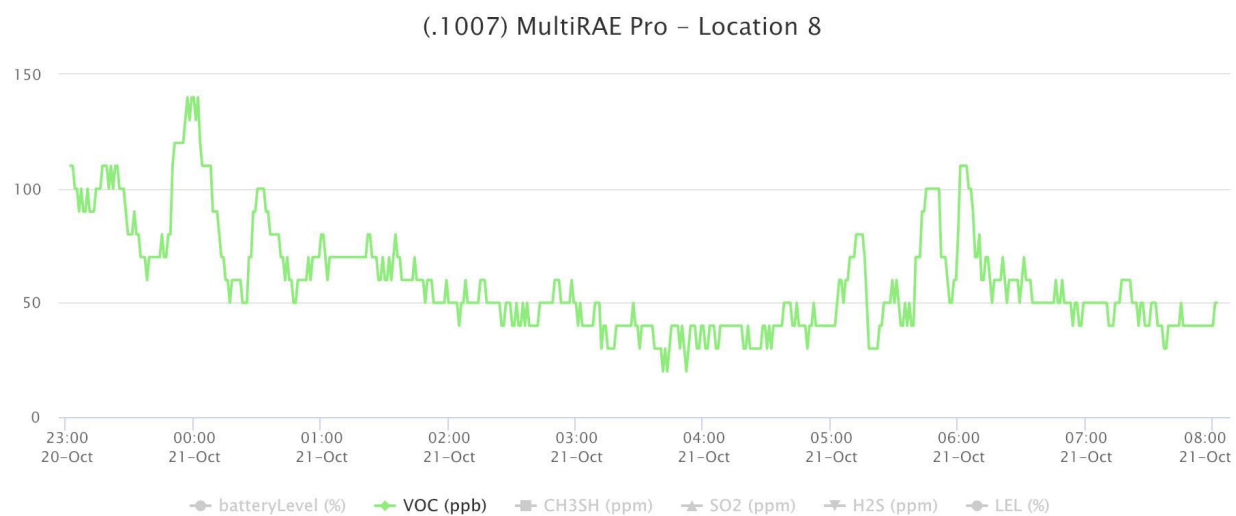
Location: #8

Canister #332

Start date/time: October 20, 2021 at 2302

End date/time: October 21, 2021 at 0810

Total run time: 9 hours 8 minutes



APPENDIX F
VOC Air Monitoring Graphs
11184 Bristol Air Site Bristol, Virginia

VADEQ Sample B102721

Location: #8

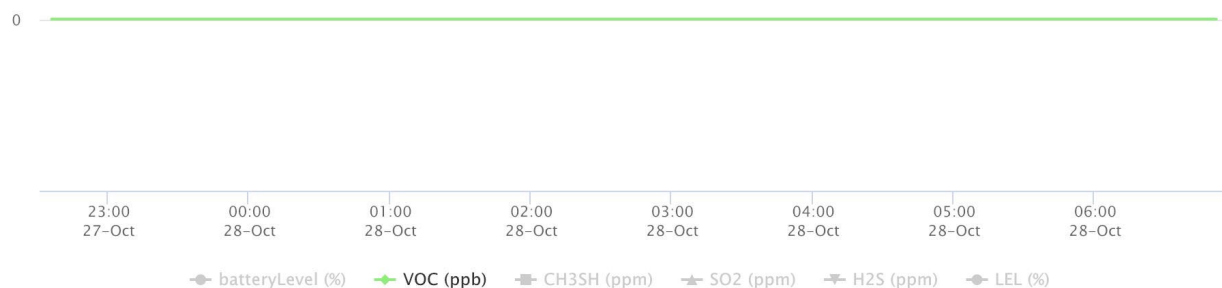
Canister #542

Start date/time: October 27, 2021 at 2236

End date/time: October 28, 2021 at 0653

Total run time: 8 hours 17 minutes

(.1007) MultiRAE Pro – Location 8



APPENDIX F
VOC Air Monitoring Graphs
11184 Bristol Air Site Bristol, Virginia

VADEQ Sample B102721

Location: #8

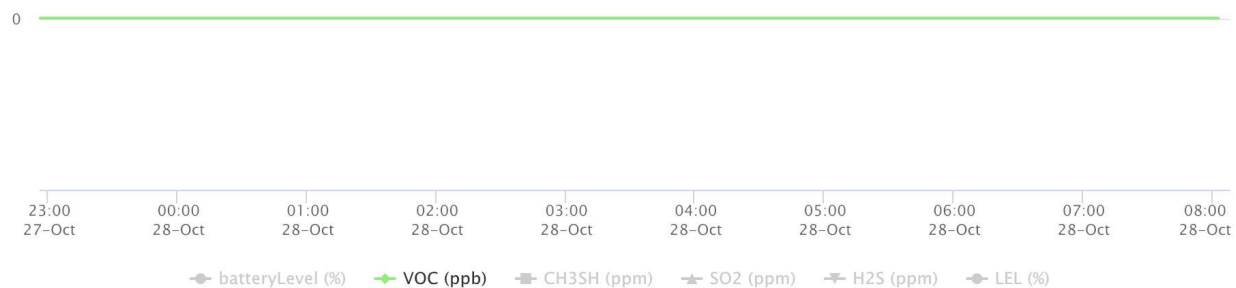
Canister #S-186

Start date/time: October 27, 2021 at 2256

End date/time: October 28, 2021 at 0803

Total run time: 9 hours 7 minutes

(.1007) MultiRAE Pro – Location 8



APPENDIX F
VOC Air Monitoring Graphs
11184 Bristol Air Site Bristol, Virginia

VADEQ Sample B102321

Location: #9

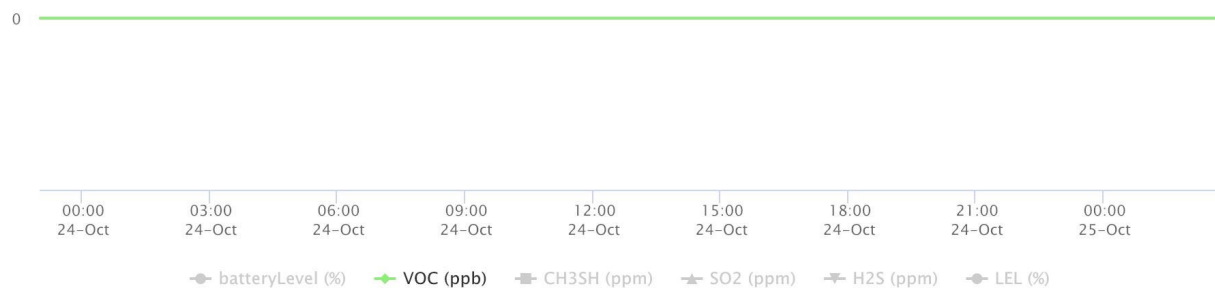
Canister #346

Start date/time: October 23, 2021 at 2300

End date/time: October 25, 2021 at 0242

Total run time: 27 hours 42 minutes

(.1011) MultiRAE Pro – Location 9



APPENDIX F
VOC Air Monitoring Graphs
11184 Bristol Air Site Bristol, Virginia

VADEQ Sample B102721

Location: #9

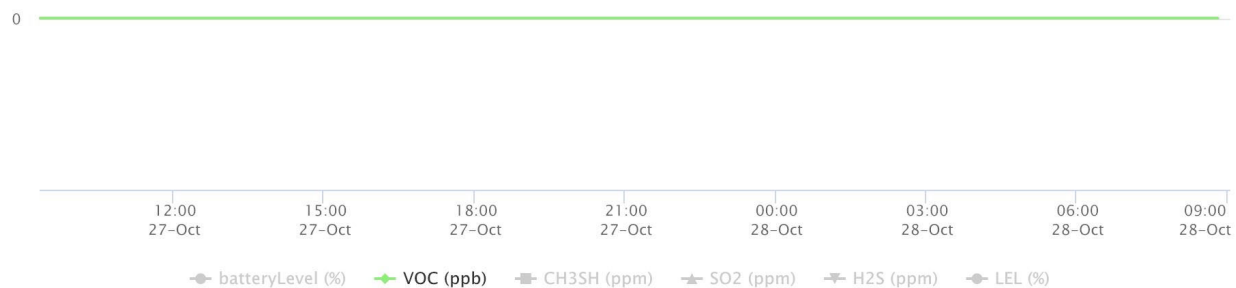
Canister #523

Start date/time: October 27, 2021 at 0920

End date/time: October 28, 2021 at 1235

Total run time: 27 hours 15 minutes

(.1011) MultiRAE Pro – Location 9



APPENDIX G
MOBILE AIR MONITORING RESULTS

APPENDIX G - MOBILE AIR MONITORING RESULTS

October 20 - 28, 2021

11184 Bristol Air Site

Bristol, Virginia

Date	Time	Location	Odors	VOC (ppb)	H ₂ S (ppm)	CO (ppm)	O ₂ (%)	FID (ppm)	Benzene (ppm)	Comments
10/20/2021	5:49	Florida Ave/Cypress St, Bristol, TN	yes	30	0.0	0	20.9	-	0.00	odors strong
10/20/2021	6:03	Sparkling Brook Drive/Spanish Oak Road, Bristol, TN	no	0	0.0	0	20.9	-	0.00	
10/20/2021	6:11	Booher Road, [REDACTED], north of pump station, Bristol, TN		0	0.0	0	20.9	-	0.00	
10/20/2021	6:16	Int. Booher Road/Booher Springs Rd, Bristol, TN	yes	0	0.0	0	20.9	-	0.00	odors strong
10/20/2021	6:18	[REDACTED] Booher Springs Rd (near Loc#9), Bristol, VA		20	0.0	0	20.9	-	0.00	
10/20/2021	6:24	2103 Shakesville, Rd, Bristol, VA (Public Works, also 2515 Valley Drive)	yes	20	0.0	0	20.9	-	0.00	
10/20/2021	6:31	Int. Whitten Way/Kings Mill Pike, Bristol, VA		0	0.0	0	20.9	-	0.00	
10/20/2021	6:38	Woodland Circle, Bristol, VA	no	0	0.0	0	20.9	-	0.00	
10/20/2021	1208	Location #8 (Florida Ave/Spruce St)	no	0	0.0	0	20.9	-	-	around stationary MultiRAE intake and gas meter at residence
10/24/2021	1903	Location #8	no		0.0	0	20.9	-	0.00	
10/24/2021	1950	Location #7	no		0.0	0	20.9	-	0.00	
10/24/2021	2311	Int. Kings Mill Pike/Valley Dr (Dollar General), Bristol, VA	no		0.0	0	20.9	-	0.00	
10/24/2021	2318	Harlow Street/New Hampshire Avenue, Bristol, VA	yes		0.0	0	20.9	-	0.00	
10/24/2021	2325	[REDACTED] Booher Lane, Bristol, VA	yes	0	0.0	0	20.9	-	0.00	odors strong
10/24/2021	2331	Booher Springs Rd (near Loc#9), Bristol, VA	yes	30	0.0	0	20.9	-	0.00	odors strong
10/24/2021	2336	Int. Booher Road/Booher Springs Rd, Bristol, TN	no	0	0.0	0	20.9	-	0.00	
10/24/2021	2342	Fire Station #2, King College Road, Bristol, TN	yes	30	0.0	0	20.9	-	0.00	odors strong
10/24/2021	2348	Florida Ave/Cypress St, Bristol, TN	yes	20	0.0	0	20.9	-	0.00	
10/25/2021	0:05	[REDACTED] Sparkling Brook, Bristol, TN	no	0	0.0	0	20.9	bkgd	0.00	bkgd ~ -1.0 ppm
10/25/2021	0:17	Booher Springs Rd (near Loc#9), Bristol, VA	yes	10	0.0	0	20.9	12.7	0.00	odors strong
10/25/2021	0:23	Fire Station #2, King College Road, Bristol, TN	yes	20	0.0	0	20.9	8.8	0.00	odors strong
10/25/2021	0:37	2103 Shakesville, Rd, Bristol, VA (Public Works, also 2515 Valley Drive)	yes	0	0.0	0	20.9	~ 4	0.00	odor mild
10/25/2021	0:43	Kings Mill Pike near Northstar Baptist Church, Bristol, VA	no	0	0.0	0	20.9	bkgd	0.00	bkgd ~ -1.0 ppm
10/27/2021	2237	Florida Ave/Cypress St, Bristol, TN	yes	0	0.0	0	20.9	3.4	0.00	odor mild
10/27/2021	2255	Florida Ave/Spruce St, Bristol, TN	yes	0	0.0	0	20.9	~ 1.5	0.00	odor mild

APPENDIX G - MOBILE AIR MONITORING RESULTS

October 20 - 28, 2021

11184 Bristol Air Site

Bristol, Virginia

Date	Time	Location	Odors	VOC (ppb)	H ₂ S (ppm)	CO (ppm)	O ₂ (%)	FID (ppm)	Benzene (ppm)	Comments
10/27/2021	2255	Florida Ave/Spruce St, Bristol, TN	yes	0	0.0	0	20.9	~ 1.5	0.00	Measured at storm drain inlet and at sewer manhole
10/27/2021	2303	Int. Taylor St/Georgia Ave, Bristol, TN		0	0.0	0	20.9	1.2	0.00	ambient air and storm drain inlet
10/27/2021	2310	Int. Booher Road/Booher Springs Rd, Bristol, TN	yes	0	0.0	0	20.9	bkgd	0.00	< bkgd, -2.5 ppm
10/27/2021	2314	Booher Springs Rd (near Loc#9), Bristol, VA	yes	0	0.0	0	20.9	bkgd	0.00	< bkgd, -1.0 ppm
10/27/2021	2319	Booher Road, south of curvy area, Bristol, TN	yes	0	0.0	0	20.9	4	0.00	
10/27/2021	2328	Spanish Oak Drive/Trey Circle, Bristol, TN	no	0	0.0	0	20.9	bkgd	0.00	< bkgd, -0.7 ppm
10/28/2021	9:18	Florida Ave/Spruce St, Bristol, TN		-	-	-	-	1	0.00	ambient air and at storm drain
10/28/2021	9:55	2125 Shakesville, Rd, Bristol, VA (outside gate to Bristol Landfill)	yes	-	-	-	-	20	0.00	FID fluctuated between 9-20 ppm
10/28/2021	9:57	2103 Shakesville, Rd, Bristol, VA (Public Works, also 2515 Valley Drive)	yes	0	0.0	0	20.9	800	0.00	storm drain across from public works
10/28/2021	1000	Shakesville Rd storm drain, Bristol, VA	yes	0	0.0	0	20.9	250	0.00	next stormwater drain north of Public Works (below power station)
10/28/2021	1000	Shakesville Rd storm drain, Bristol, VA	yes	0	0.0	0	20.9	6.5	0.00	ambient air near next storm drain north of Public Works.
10/28/2021	1004	Shakesville Rd storm drain, Bristol, VA	yes	0	0.0	0	20.9	3	0.00	ambient air, storm drain located approximately 300 ft. north of int. of Shakesville Rd/Kings Mill Pike
10/28/2021	1004	Shakesville Rd storm drain, Bristol, VA	yes	0	0.0	0	20.9	3	0.00	storm drain headspace located approximately 300 ft. north of int. of Shakesville Rd/Kings Mill Pike
10/28/2021	1007	Shakesville Rd storm drain, Bristol, VA	yes	0	0.0	0	20.9	4	0.00	ambient air, storm drain located nearest int. of Shakesville Rd/Kings Mill Pike
10/28/2021	1007	Shakesville Rd storm drain, Bristol, VA	yes	0	0.0	0	20.9	4	0.00	storm drain headspace located nearest int. of Shakesville Rd/Kings Mill Pike

APPENDIX G - MOBILE AIR MONITORING RESULTS

October 20 - 28, 2021

11184 Bristol Air Site

Bristol, Virginia

Date	Time	Location	Odors	VOC (ppb)	H ₂ S (ppm)	CO (ppm)	O ₂ (%)	FID (ppm)	Benzene (ppm)	Comments
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Notes:

~ = Approximately

= Number

Ave = Avenue

Bkgd = Background

CO = Carbon monoxide

ft. = feet

FID = Flame ionization detector

H₂S = Hydrogen sulfide

Int. = Intersection

ppb = Parts per billion

ppm = Parts per million

St = Street

TN = Tennessee

VA = Virginia

VOC = Volatile organic compound

ATTACHMENT 1

SUMMARY OF VADEQ AIR SAMPLES

ATTACHMENT 1
SUMMARY VADEQ AIR SAMPLES
September 30, 2021 to October 28, 2021

- **Location 6 Residential:**

- 09/30/2021, 24 hour sampler (Canister #543, K-7 passive sampler) – Sample start time 2005 hours. Sample stop time 0145 hours on 10/02/2021. Total run time 29 hours 40 minutes. This sample was not taken in conjunction with EPA

- **Residential (Taylor Street - TN):**

- 10/01/2021, 24 hour sampler (Canister #522, K-8 passive sampler) – Sample start time 2008 hours. Sample stop time 0152 hours on 10/02/2021. Total run time 29 hours 44 minutes. This sample was not taken in conjunction with EPA.

- **Location 7 - Residential (Sparkling Brook and Spanish Oak, TN)**

- No samples collected.

- **Location 8 - Residential (Florida and Spruce Street, TN)**

- 10/20/21, 8 hour sampler (Canister #332, K-2 passive sampler) – Sample start time 2302 hours on 10/20/21. Sample stop time 0810 hours on 10/21/21. Total run time 9 hours 8 minutes.
- 10/27/21, 8 hours sampler (Canister #542, K-4 sampler) – Sample start time 2236 hours on 10/27/21. Sample stop time 0653 hours on 10/28/21. Total run time 8 hours 17 minutes.
- 10/27/21, 8 hours sampler (Canister #S-186, K-1 sampler) – Sample start time 2256 hours on 10/27/21. Sample stop time 0803 hours on 10/28/21. Total run time 9 hours 7 minutes.

- **Location 9 - Residential (Booher Road)**

- 10/23/21, 24 hour sampler (Canister #346, K-8 passive sampler) – Sample start time 2300 hours on 10/23/2021. Sample stop time 0242 hours on 10/25/21. Total run time 27 hours 42 minutes.
- 10/27/2021, 24 hours sampler (Canister #523, K-7 Passive Sampler) – Sample start time 0920 hours on 10/27/21. Sample stop time 1235 hours on 10/28/21. Total run time 27 hours 15 minutes.

ATTACHMENT 2

LABORATORY DATA SHEETS FOR VADEQ AIR SAMPLES

Commonwealth of Virginia
Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



REPORT OF ANALYSIS

Report Date: 10/25/2021
DCLS LIMS #: E211003176

Mail To

DEQ-OFFICE OF AIR PROGRAMS
4949-C COX RD
GLEN ALLEN, VA 23060

Sample Information

DATE RECEIVED	10/18/2021 10:54	PROGRAM CODE	AM
SAMPLING DATE	10/01/2021 20:08	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	522
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL VIRGINIA LANDFILL LOCATION 7
REPORT BDL	Y	LOCATION	BRISTOL VIRGINIA LANDFILL
		SAMPLE ID	B100121

Test Results

APPROVED BY: [REDACTED], Group Manager DATE APPROVED: 10/25/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
<u>EPA TO15</u>	Non-Target Compounds	Found		10/18/2021
	Identified: Ethanol, Acetone, Isopropyl Alcohol, Pentane, 1,4-Pentadiene, Dimethyl sulfide, 2-methyl-Propanal, 2-Butenal, 2-Butanone, Hexanal, 2,4-dimethyl-3-Pentanone, Nonane, alpha Pinene, beta Pinene, Decane, 2-methyl-Octane.			
	Propylene	1.43 ppbV	43205	10/18/2021
	Dichlorodifluoromethane	0.55 ppbV	43823	10/18/2021
	Chloromethane	0.48 ppbV	43801	10/18/2021
	Freon 114	< 0.125 ppbV	43208	10/18/2021
	Vinyl Chloride	< 0.125 ppbV	43860	10/18/2021
	1,3-Butadiene	< 0.125 ppbV	43218	10/18/2021
	Bromomethane	< 0.125 ppbV	43819	10/18/2021
	Ethyl Chloride	< 0.125 ppbV	43812	10/18/2021
	Acetonitrile	< 0.125 ppbV	43702	10/18/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Acrolein	0.64 ppbV	43505	10/18/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Freon 11	0.30 ppbV	43811	10/18/2021
	Acrylonitrile	< 0.125 ppbV	43704	10/18/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	10/18/2021
	Methylene Chloride	0.12 ppbV	43802	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.08 ppbV	43207	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	trans-1,2-Dichloroethene	< 0.125 ppbV	43838	10/18/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	10/18/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^: The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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Commonwealth of Virginia
Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



REPORT OF ANALYSIS

Report Date: 10/25/2021
DCLS LIMS #: E211003176

Test Results

APPROVED BY: [REDACTED]

Group Manager

DATE APPROVED: 10/25/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	MTBE	< 0.125 ppbV	43372	10/18/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	10/18/2021
	Hexane	0.17 ppbV	43231	10/18/2021
	Trichloromethane	0.03 ppbV	43803	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Ethyl Acetate	0.14 ppbV	43209	10/18/2021
	Tetrahydrofuran	0.45 ppbV	46401	10/18/2021
	1,2-Dichloroethane	0.02 ppbV	43815	10/18/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	10/18/2021
	Benzene	3.97 ppbV	45201	10/18/2021
	Carbon Tetrachloride	0.07 ppbV	43804	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	0.06 ppbV	43248	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2-Dichloropropane	< 0.125 ppbV	43829	10/18/2021
	Bromodichloromethane	< 0.125 ppbV	43828	10/18/2021
	Trichloroethylene	< 0.125 ppbV	43824	10/18/2021
	Methyl Methacrylate	< 0.125 ppbV	43441	10/18/2021
	Heptane	0.09 ppbV	43232	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	10/18/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	10/18/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	10/18/2021
	Toluene	1.02 ppbV	45202	10/18/2021
	Dibromochloromethane	< 0.125 ppbV	43832	10/18/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	10/18/2021
	Tetrachloroethylene	0.02 ppbV	43817	10/18/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Chlorobenzene	< 0.125 ppbV	45801	10/18/2021
	Ethylbenzene	0.50 ppbV	45203	10/18/2021
	m,p-Xylenes	0.69 ppbV	45109	10/18/2021
	Bromoform	< 0.125 ppbV	43806	10/18/2021
	Styrene	0.04 ppbV	45220	10/18/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^: The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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Division of Consolidated Laboratory Services

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Richmond, Virginia 23219
804-648-4480



REPORT OF ANALYSIS

Report Date: 10/25/2021
DCLS LIMS #: E211003176

Test Results

APPROVED BY: [REDACTED] Group Manager

DATE APPROVED: 10/25/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	10/18/2021
	o-Xylene	0.25 ppbV	45204	10/18/2021
	4-Ethyltoluene	0.05 ppbV	45213	10/18/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3,5-Trimethylbenzene	0.06 ppbV	45207	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.19 ppbV	45208	10/18/2021
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	10/18/2021
	1,4-Dichlorobenzene	< 0.250 ppbV	45807	10/18/2021
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	10/18/2021
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	10/18/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	10/18/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^: The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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Division of Consolidated Laboratory Services

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REPORT OF ANALYSIS

Report Date: 10/25/2021
DCLS LIMS #: E211003177

Mail To

DEQ-OFFICE OF AIR PROGRAMS
4949-C COX RD
GLEN ALLEN, VA 23060

Sample Information

DATE RECEIVED	10/18/2021 10:54	PROGRAM CODE	AM
SAMPLING DATE	09/30/2021 20:05	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	543
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL VIRGINIA LANDFILL LOCATION 6
REPORT BDL	Y		RESIDENCE
		LOCATION	BRISTOL VIRGINIA LANDFILL
		SAMPLE ID	B093021

Test Results

APPROVED BY: [REDACTED] Group Manager DATE APPROVED: 10/25/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		10/18/2021
	Identified: Ethanol, Acetone, Pentane, 1,4-Pentadiene, 2-methyl-Propanal, 2-Butenal, Butanal, 2-Butanone, alpha Pinene, beta Pinene.			
	Propylene	0.80 ppbV	43205	10/18/2021
	Dichlorodifluoromethane	0.55 ppbV	43823	10/18/2021
	Chloromethane	0.42 ppbV	43801	10/18/2021
	Freon 114	< 0.125 ppbV	43208	10/18/2021
	Vinyl Chloride	< 0.125 ppbV	43860	10/18/2021
	1,3-Butadiene	< 0.125 ppbV	43218	10/18/2021
	Bromomethane	< 0.125 ppbV	43819	10/18/2021
	Ethyl Chloride	< 0.125 ppbV	43812	10/18/2021
	Acetonitrile	< 0.125 ppbV	43702	10/18/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Acrolein	0.44 ppbV	43505	10/18/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Freon 11	0.27 ppbV	43811	10/18/2021
	Acrylonitrile	< 0.125 ppbV	43704	10/18/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	10/18/2021
	Methylene Chloride	0.10 ppbV	43802	10/18/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.08 ppbV	43207	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	trans-1,2-Dichloroethene	< 0.125 ppbV	43838	10/18/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	10/18/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by **.The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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Division of Consolidated Laboratory Services

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Richmond, Virginia 23219
804-648-4480



REPORT OF ANALYSIS

Report Date: 10/25/2021
DCLS LIMS #: E211003177

Test Results

APPROVED BY: [REDACTED]

Group Manager

DATE APPROVED: 10/25/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	MTBE	< 0.125 ppbV	43372	10/18/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	10/18/2021
	Hexane	0.07 ppbV	43231	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Trichloromethane	0.02 ppbV	43803	10/18/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Ethyl Acetate	0.06 ppbV	43209	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Tetrahydrofuran	0.05 ppbV	46401	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2-Dichloroethane	< 0.125 ppbV	43815	10/18/2021
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	10/18/2021
	Benzene	0.37 ppbV	45201	10/18/2021
	Carbon Tetrachloride	0.08 ppbV	43804	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	< 0.125 ppbV	43248	10/18/2021
	1,2-Dichloropropane	< 0.125 ppbV	43829	10/18/2021
	Bromodichloromethane	< 0.125 ppbV	43828	10/18/2021
	Trichloroethylene	< 0.125 ppbV	43824	10/18/2021
	Methyl Methacrylate	< 0.125 ppbV	43441	10/18/2021
	Heptane	0.04 ppbV	43232	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	10/18/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	10/18/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	10/18/2021
	Toluene	0.20 ppbV	45202	10/18/2021
	Dibromochloromethane	< 0.125 ppbV	43832	10/18/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	10/18/2021
	Tetrachloroethylene	0.01 ppbV	43817	10/18/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Chlorobenzene	< 0.125 ppbV	45801	10/18/2021
	Ethylbenzene	0.08 ppbV	45203	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	m,p-Xylenes	0.30 ppbV	45109	10/18/2021

Explanation of Terms and Disclaimers

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REPORT OF ANALYSIS

Report Date: 10/25/2021
DCLS LIMS #: E211003177

Test Results

APPROVED BY: [REDACTED] Group Manager

DATE APPROVED: 10/25/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Bromoform	< 0.125 ppbV	43806	10/18/2021
	Styrene	0.03 ppbV	45220	10/18/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	10/18/2021
	o-Xylene	0.11 ppbV	45204	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	4-Ethyltoluene	0.02 ppbV	45213	10/18/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3,5-Trimethylbenzene	0.02 ppbV	45207	10/18/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.07 ppbV	45208	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,3-Dichlorobenzene	0.02 ppbV	45806	10/18/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,4-Dichlorobenzene	0.03 ppbV	45807	10/18/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichlorobenzene	0.02 ppbV	45805	10/18/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	10/18/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	10/18/2021

Explanation of Terms and Disclaimers

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REPORT OF ANALYSIS

Report Date: 10/28/2021
DCLS LIMS #: E211004507

Mail To

DEQ-OFFICE OF AIR PROGRAMS
4949-C COX RD
GLEN ALLEN, VA 23060

Sample Information

DATE RECEIVED	10/22/2021 14:34	PROGRAM CODE	BR
SAMPLING DATE	10/20/2021 23:01	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	332
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL TENNESSEE LANDFILL LOCATION # 8
REPORT BDL	Y	LOCATION	BRISTOL TENNESSEE LANDFILL
		SAMPLE ID	B102021

Test Results

APPROVED BY: [REDACTED] Scientist Senior DATE APPROVED: 10/28/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
<u>EPA TO15</u>	Non-Target Compounds	Found		10/25/2021
	<i>Identified: Propane, Butane, Ethanol, Acetone, Pentane, Dimethyl Sulfide, 2-methyl-2-Butene, 2-methyl Pentane, 2-Butanone, 2,2-dimethyl Hexane, alpha Pinene, Decane, 2,4-dimethyl Heptane.</i>			
	Propylene	< 0.125 ppbV	43205	10/25/2021
	Dichlorodifluoromethane	0.29 ppbV	43823	10/25/2021
	Chloromethane	0.22 ppbV	43801	10/25/2021
	Freon 114	< 0.125 ppbV	43208	10/25/2021
	Vinyl Chloride	< 0.125 ppbV	43860	10/25/2021
	1,3-Butadiene	< 0.125 ppbV	43218	10/25/2021
	Bromomethane	< 0.125 ppbV	43819	10/25/2021
	Ethyl Chloride	< 0.125 ppbV	43812	10/25/2021
	Acetonitrile	< 0.125 ppbV	43702	10/25/2021
	Acrolein	< 0.250 ppbV	43505	10/25/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Freon 11	0.16 ppbV	43811	10/25/2021
	Acrylonitrile	< 0.125 ppbV	43704	10/25/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	10/25/2021
	Methylene Chloride	0.06 ppbV	43802	10/25/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.04 ppbV	43207	10/25/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	trans-1,2-Dichloroethene	< 0.125 ppbV	43838	10/25/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	10/25/2021
	MTBE	< 0.125 ppbV	43372	10/25/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	10/25/2021
	Hexane	0.18 ppbV	43231	10/25/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^: The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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Richmond, Virginia 23219
804-648-4480



REPORT OF ANALYSIS

Report Date: 10/28/2021
DCLS LIMS #: E211004507

Test Results

APPROVED BY: [REDACTED] Scientist Senior

DATE APPROVED: 10/28/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Trichloromethane	0.02 ppbV	43803	10/25/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Ethyl Acetate	0.09 ppbV	43209	10/25/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Tetrahydrofuran	0.33 ppbV	46401	10/25/2021
	1,2-Dichloroethane	< 0.125 ppbV	43815	10/25/2021
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	10/25/2021
	Benzene	3.99 ppbV	45201	10/25/2021
	Carbon Tetrachloride	0.04 ppbV	43804	10/25/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	< 0.125 ppbV	43248	10/25/2021
	1,2-Dichloropropane	< 0.125 ppbV	43829	10/25/2021
	Bromodichloromethane	< 0.125 ppbV	43828	10/25/2021
	Trichloroethylene	< 0.125 ppbV	43824	10/25/2021
	Methyl Methacrylate	< 0.125 ppbV	43441	10/25/2021
	Heptane	< 0.125 ppbV	43232	10/25/2021
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	10/25/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	10/25/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	10/25/2021
	Toluene	0.98 ppbV	45202	10/25/2021
	Dibromochloromethane	< 0.125 ppbV	43832	10/25/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	10/25/2021
	Tetrachloroethylene	0.02 ppbV	43817	10/25/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Chlorobenzene	< 0.125 ppbV	45801	10/25/2021
	Ethylbenzene	0.53 ppbV	45203	10/25/2021
	m,p-Xylenes	1.01 ppbV	45109	10/25/2021
	Bromoform	< 0.125 ppbV	43806	10/25/2021
	Styrene	0.05 ppbV	45220	10/25/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	10/25/2021
	o-Xylene	0.29 ppbV	45204	10/25/2021
	4-Ethyltoluene	0.04 ppbV	45213	10/25/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3,5-Trimethylbenzene	0.05 ppbV	45207	10/25/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^: The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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REPORT OF ANALYSIS

Report Date: 10/28/2021
DCLS LIMS #: E211004507

Test Results

APPROVED BY: [REDACTED] Scientist Senior

DATE APPROVED: 10/28/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.17 ppbV	45208	10/25/2021
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	10/25/2021
	1,4-Dichlorobenzene	< 0.250 ppbV	45807	10/25/2021
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	10/25/2021
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	10/25/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	10/25/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^: The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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REPORT OF ANALYSIS

Report Date: 11/01/2021
DCLS LIMS #: E211004729

Mail To

DEQ-OFFICE OF AIR PROGRAMS
4949-C COX RD
GLEN ALLEN, VA 23060

Sample Information

DATE RECEIVED	10/26/2021 14:18	PROGRAM CODE	BR
SAMPLING DATE	10/23/2021 23:00	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	346
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL LANDFILL LOCATION # 9
REPORT BDL	Y	LOCATION	BRISTOL LANDFILL
		SAMPLE ID	B102321

Test Results

APPROVED BY: [REDACTED], Analyst DATE APPROVED: 11/01/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
<u>EPA TO15</u>	Non-Target Compounds	Found		10/27/2021
	identified: Dimethyl ether, Butane, Ethanol, Acetone, Pentane, Dimethyl sulfide, 2-Butanone, 2-methyl Furan, 4-4-dimethyl-2-Pentyne, dimethyl Disulfide, Octane, Nonane, 2,3-dimethyl Cyclohexanone, alpha Pinene, Decane, D-Limonene.			
	Propylene	1.82 ppbV	43205	10/27/2021
	Dichlorodifluoromethane	0.54 ppbV	43823	10/27/2021
	Chloromethane	0.42 ppbV	43801	10/27/2021
	Freon 114	< 0.125 ppbV	43208	10/27/2021
	Vinyl Chloride	< 0.125 ppbV	43860	10/27/2021
	1,3-Butadiene	< 0.125 ppbV	43218	10/27/2021
	Bromomethane	< 0.125 ppbV	43819	10/27/2021
	Ethyl Chloride	< 0.125 ppbV	43812	10/27/2021
	Acetonitrile	< 0.125 ppbV	43702	10/27/2021
	Acrolein	< 0.250 ppbV	43505	10/27/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Freon 11	0.30 ppbV	43811	10/27/2021
	Acrylonitrile	< 0.125 ppbV	43704	10/27/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	10/27/2021
	Methylene Chloride	0.12 ppbV	43802	10/27/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.08 ppbV	43207	10/27/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	trans-1,2-Dichloroethene	< 0.125 ppbV	43838	10/27/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	10/27/2021
	MTBE	< 0.125 ppbV	43372	10/27/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	10/27/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by **.The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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REPORT OF ANALYSIS

Report Date: 11/01/2021
DCLS LIMS #: E211004729

Test Results

APPROVED BY: [REDACTED]

Analyst

DATE APPROVED: 11/01/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Hexane	0.12 ppbV	43231	10/27/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Trichloromethane	0.03 ppbV	43803	10/27/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Ethyl Acetate	0.10 ppbV	43209	10/27/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Tetrahydrofuran	1.01 ppbV	46401	10/27/2021
	1,2-Dichloroethane	< 0.125 ppbV	43815	10/27/2021
	1,1,1-Trichloroethane	0.01 ppbV	43814	10/27/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Benzene	9.53 ppbV	45201	10/27/2021
	Carbon Tetrachloride	0.06 ppbV	43804	10/27/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	0.06 ppbV	43248	10/27/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2-Dichloropropane	< 0.125 ppbV	43829	10/27/2021
	Bromodichloromethane	< 0.125 ppbV	43828	10/27/2021
	Trichloroethylene	< 0.125 ppbV	43824	10/27/2021
	Methyl Methacrylate	< 0.125 ppbV	43441	10/27/2021
	Heptane	0.11 ppbV	43232	10/27/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	10/27/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	10/27/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	10/27/2021
	Toluene	1.30 ppbV	45202	10/27/2021
	Dibromochloromethane	< 0.125 ppbV	43832	10/27/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	10/27/2021
	Tetrachloroethylene	0.03 ppbV	43817	10/27/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Chlorobenzene	< 0.125 ppbV	45801	10/27/2021
	Ethylbenzene	1.09 ppbV	45203	10/27/2021
	m,p-Xylenes	0.87 ppbV	45109	10/27/2021
	Bromoform	< 0.125 ppbV	43806	10/27/2021
	Styrene	0.11 ppbV	45220	10/27/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^: The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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REPORT OF ANALYSIS

Report Date: 11/01/2021
DCLS LIMS #: E211004729

Test Results

APPROVED BY: [REDACTED]

Analyst

DATE APPROVED: 11/01/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	10/27/2021
	o-Xylene	0.31 ppbV	45204	10/27/2021
	4-Ethyltoluene	< 0.125 ppbV	45213	10/27/2021
	1,3,5-Trimethylbenzene	0.11 ppbV	45207	10/27/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.32 ppbV	45208	10/27/2021
	1,3-Dichlorobenzene	0.05 ppbV	45806	10/27/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,4-Dichlorobenzene	0.09 ppbV	45807	10/27/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichlorobenzene	0.05 ppbV	45805	10/27/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2,4-Trichlorobenzene	0.15 ppbV	45810	10/27/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Hexachloro-1,3-Butadiene	0.02 ppbV	43844	10/27/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			

Explanation of Terms and Disclaimers

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REPORT OF ANALYSIS

Report Date: 11/05/2021
DCLS LIMS #: E211005201

Mail To

DEQ-OFFICE OF AIR PROGRAMS
4949-C COX RD
GLEN ALLEN, VA 23060

Sample Information

DATE RECEIVED	10/29/2021 15:27	PROGRAM CODE	BR
SAMPLING DATE	10/27/2021 22:36	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	542
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL TN LANDFILL LOCATION #8
REPORT BDL	Y	LOCATION	BRISTOL TN LANDFILL
		SAMPLE ID	B102721

Test Results

APPROVED BY: [REDACTED] Scientist Senior DATE APPROVED: 11/05/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
<u>EPA TO15</u>				
	Non-Target Compounds	Found		11/03/2021
	Identified: Propane, Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, Dimethyl sulfide, 2-methyl Propanal, 2-Butanone, Nonane, alpha Pinene, Decane.			
	Propylene	< 0.125 ppbV	43205	11/03/2021
	Dichlorodifluoromethane	0.58 ppbV	43823	11/03/2021
	Chloromethane	0.74 ppbV	43801	11/03/2021
	Freon 114	< 0.125 ppbV	43208	11/03/2021
	Vinyl Chloride	< 0.125 ppbV	43860	11/03/2021
	1,3-Butadiene	< 0.125 ppbV	43218	11/03/2021
	Bromomethane	< 0.125 ppbV	43819	11/03/2021
	Ethyl Chloride	< 0.125 ppbV	43812	11/03/2021
	Acetonitrile	< 0.125 ppbV	43702	11/03/2021
	Acrolein	0.47 ppbV	43505	11/03/2021
	Freon 11	0.28 ppbV	43811	11/03/2021
	Acrylonitrile	< 0.125 ppbV	43704	11/03/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	11/03/2021
	Methylene Chloride	0.11 ppbV	43802	11/03/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.08 ppbV	43207	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	trans-1,2-Dichloroethene	< 0.125 ppbV	43838	11/03/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	11/03/2021
	MTBE	< 0.125 ppbV	43372	11/03/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	11/03/2021
	Hexane	0.09 ppbV	43231	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Trichloromethane	0.02 ppbV	43803	11/03/2021

Explanation of Terms and Disclaimers

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REPORT OF ANALYSIS

Report Date: 11/05/2021
DCLS LIMS #: E211005201

Test Results

APPROVED BY: [REDACTED] Scientist Senior

DATE APPROVED: 11/05/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Ethyl Acetate	< 0.125 ppbV	43209	11/03/2021
	Tetrahydrofuran	0.27 ppbV	46401	11/03/2021
	1,2-Dichloroethane	< 0.125 ppbV	43815	11/03/2021
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	11/03/2021
	Benzene	2.13 ppbV	45201	11/03/2021
	Carbon Tetrachloride	0.06 ppbV	43804	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	0.04 ppbV	43248	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2-Dichloropropane	< 0.125 ppbV	43829	11/03/2021
	Bromodichloromethane	< 0.125 ppbV	43828	11/03/2021
	Trichloroethylene	< 0.125 ppbV	43824	11/03/2021
	Methyl Methacrylate	< 0.125 ppbV	43441	11/03/2021
	Heptane	0.06 ppbV	43232	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	11/03/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	11/03/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	11/03/2021
	Toluene	0.45 ppbV	45202	11/03/2021
	Dibromochloromethane	< 0.125 ppbV	43832	11/03/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	11/03/2021
	Tetrachloroethylene	< 0.125 ppbV	43817	11/03/2021
	Chlorobenzene	< 0.125 ppbV	45801	11/03/2021
	Ethylbenzene	0.22 ppbV	45203	11/03/2021
	m,p-Xylenes	0.28 ppbV	45109	11/03/2021
	Bromoform	< 0.125 ppbV	43806	11/03/2021
	Styrene	0.07 ppbV	45220	11/03/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	11/03/2021
	o-Xylene	0.11 ppbV	45204	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	4-Ethyltoluene	< 0.125 ppbV	45213	11/03/2021
	1,3,5-Trimethylbenzene	0.03 ppbV	45207	11/03/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^: The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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REPORT OF ANALYSIS

Report Date: 11/05/2021
DCLS LIMS #: E211005201

Test Results

APPROVED BY: [REDACTED] Scientist Senior

DATE APPROVED: 11/05/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>	1,2,4-Trimethylbenzene	0.09 ppbV	45208	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	11/03/2021
	1,4-Dichlorobenzene	< 0.250 ppbV	45807	11/03/2021
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	11/03/2021
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	11/03/2021
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	11/03/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^: The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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REPORT OF ANALYSIS

Report Date: 11/05/2021
DCLS LIMS #: E211005202

Mail To

DEQ-OFFICE OF AIR PROGRAMS
4949-C COX RD
GLEN ALLEN, VA 23060

Sample Information

DATE RECEIVED	10/29/2021 15:36	PROGRAM CODE	BR
SAMPLING DATE	10/27/2021 09:20	STATION ID	BRISTOL LANDFILL
COLLECTED BY	SAB	CONTAINER ID	523
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL LANDFILL LOCATION #9
REPORT BDL	Y	LOCATION	BRISTOL LANDFILL
		SAMPLE ID	B102721

Test Results

APPROVED BY: [REDACTED], Scientist Senior DATE APPROVED: 11/05/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
<u>EPA TO15</u>				
	Non-Target Compounds	Found		11/03/2021
	Identified: Propane, Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, Dimethyl sulfide, 2-Butanone, alpha Pinene, Decane.			
	Propylene	1.49 ppbV	43205	11/03/2021
	Dichlorodifluoromethane	0.60 ppbV	43823	11/03/2021
	Chloromethane	0.82 ppbV	43801	11/03/2021
	Freon 114	< 0.125 ppbV	43208	11/03/2021
	Vinyl Chloride	< 0.125 ppbV	43860	11/03/2021
	1,3-Butadiene	< 0.125 ppbV	43218	11/03/2021
	Bromomethane	< 0.125 ppbV	43819	11/03/2021
	Ethyl Chloride	< 0.125 ppbV	43812	11/03/2021
	Acetonitrile	< 0.125 ppbV	43702	11/03/2021
	Acrolein	2.05 ppbV	43505	11/03/2021
	Freon 11	0.30 ppbV	43811	11/03/2021
	Acrylonitrile	< 0.125 ppbV	43704	11/03/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	11/03/2021
	Methylene Chloride	0.10 ppbV	43802	11/03/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.08 ppbV	43207	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	trans-1,2-Dichloroethene	< 0.125 ppbV	43838	11/03/2021
	1,1-Dichloroethene	< 0.125 ppbV	43813	11/03/2021
	MTBE	< 0.125 ppbV	43372	11/03/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	11/03/2021
	Hexane	0.14 ppbV	43231	11/03/2021
	Trichloromethane	0.02 ppbV	43803	11/03/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			

Explanation of Terms and Disclaimers

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REPORT OF ANALYSIS

Report Date: 11/05/2021
DCLS LIMS #: E211005202

Test Results

APPROVED BY: [REDACTED] Scientist Senior

DATE APPROVED: 11/05/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Ethyl Acetate	< 0.125 ppbV	43209	11/03/2021
	Tetrahydrofuran	0.56 ppbV	46401	11/03/2021
	1,2-Dichloroethane	< 0.125 ppbV	43815	11/03/2021
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	11/03/2021
	Benzene	4.33 ppbV	45201	11/03/2021
	Carbon Tetrachloride	0.08 ppbV	43804	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	0.05 ppbV	43248	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2-Dichloropropane	< 0.125 ppbV	43829	11/03/2021
	Bromodichloromethane	< 0.125 ppbV	43828	11/03/2021
	Trichloroethylene	< 0.125 ppbV	43824	11/03/2021
	Methyl Methacrylate	< 0.125 ppbV	43441	11/03/2021
	Heptane	0.09 ppbV	43232	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	11/03/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	11/03/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	11/03/2021
	Toluene	0.76 ppbV	45202	11/03/2021
	Dibromochloromethane	< 0.125 ppbV	43832	11/03/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	11/03/2021
	Tetrachloroethylene	< 0.125 ppbV	43817	11/03/2021
	Chlorobenzene	< 0.125 ppbV	45801	11/03/2021
	Ethylbenzene	0.45 ppbV	45203	11/03/2021
	m,p-Xylenes	0.49 ppbV	45109	11/03/2021
	Bromoform	< 0.125 ppbV	43806	11/03/2021
	Styrene	0.04 ppbV	45220	11/03/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	11/03/2021
	o-Xylene	0.18 ppbV	45204	11/03/2021
	4-Ethyltoluene	< 0.125 ppbV	45213	11/03/2021
	1,3,5-Trimethylbenzene	0.04 ppbV	45207	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.14 ppbV	45208	11/03/2021
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	11/03/2021
	1,4-Dichlorobenzene	< 0.250 ppbV	45807	11/03/2021
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	11/03/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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REPORT OF ANALYSIS

Report Date: 11/05/2021
DCLS LIMS #: E211005202

Test Results		APPROVED BY:	Scientist Senior	DATE APPROVED: 11/05/2021	
<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>		<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>	1,2,4-Trichlorobenzene	< 0.250 ppbV		45810	11/03/2021
	Hexachloro-1,3-Butadiene	< 0.125 ppbV		43844	11/03/2021

Explanation of Terms and Disclaimers

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Commonwealth of Virginia
Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



REPORT OF ANALYSIS

Report Date: 11/05/2021
DCLS LIMS #: E211005203

Mail To

DEQ-OFFICE OF AIR PROGRAMS
4949-C COX RD
GLEN ALLEN, VA 23060

Sample Information

DATE RECEIVED	10/29/2021 15:41	PROGRAM CODE	BR
SAMPLING DATE	10/27/2021 22:56	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	S186
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL TN LANDFILL LOCATION #8
REPORT BDL	Y	LOCATION	BRISTOL TN LANDFILL
		SAMPLE ID	B102721

Test Results

APPROVED BY: [REDACTED] Scientist Senior DATE APPROVED: 11/05/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
<u>EPA TO15</u>				
	Non-Target Compounds	Found		11/03/2021
	Identified: Propane, Acetaldehyde, Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, Dimethyl sulfide, 2-Butanone, alpha Pinene, Decane, Undecane.			
	Propylene	< 0.125 ppbV	43205	11/03/2021
	Dichlorodifluoromethane	0.66 ppbV	43823	11/03/2021
	Chloromethane	0.82 ppbV	43801	11/03/2021
	Freon 114	< 0.125 ppbV	43208	11/03/2021
	Vinyl Chloride	< 0.125 ppbV	43860	11/03/2021
	1,3-Butadiene	< 0.125 ppbV	43218	11/03/2021
	Bromomethane	< 0.125 ppbV	43819	11/03/2021
	Ethyl Chloride	< 0.125 ppbV	43812	11/03/2021
	Acetonitrile	< 0.125 ppbV	43702	11/03/2021
	Acrolein	0.44 ppbV	43505	11/03/2021
	Freon 11	0.30 ppbV	43811	11/03/2021
	Acrylonitrile	< 0.125 ppbV	43704	11/03/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	11/03/2021
	Methylene Chloride	0.12 ppbV	43802	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.08 ppbV	43207	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	trans-1,2-Dichloroethene	< 0.125 ppbV	43838	11/03/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	11/03/2021
	MTBE	< 0.125 ppbV	43372	11/03/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	11/03/2021
	Hexane	0.09 ppbV	43231	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Trichloromethane	0.02 ppbV	43803	11/03/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^: The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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Commonwealth of Virginia
Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



REPORT OF ANALYSIS

Report Date: 11/05/2021
DCLS LIMS #: E211005203

Test Results

APPROVED BY: [REDACTED] Scientist Senior

DATE APPROVED: 11/05/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Ethyl Acetate	< 0.125 ppbV	43209	11/03/2021
	Tetrahydrofuran	0.32 ppbV	46401	11/03/2021
	1,2-Dichloroethane	< 0.125 ppbV	43815	11/03/2021
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	11/03/2021
	Benzene	2.42 ppbV	45201	11/03/2021
	Carbon Tetrachloride	0.07 ppbV	43804	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	0.03 ppbV	43248	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2-Dichloropropane	< 0.125 ppbV	43829	11/03/2021
	Bromodichloromethane	< 0.125 ppbV	43828	11/03/2021
	Trichloroethylene	< 0.125 ppbV	43824	11/03/2021
	Methyl Methacrylate	< 0.125 ppbV	43441	11/03/2021
	Heptane	0.07 ppbV	43232	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	11/03/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	11/03/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	11/03/2021
	Toluene	0.47 ppbV	45202	11/03/2021
	Dibromochloromethane	< 0.125 ppbV	43832	11/03/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	11/03/2021
	Tetrachloroethylene	< 0.125 ppbV	43817	11/03/2021
	Chlorobenzene	< 0.125 ppbV	45801	11/03/2021
	Ethylbenzene	0.23 ppbV	45203	11/03/2021
	m,p-Xylenes	0.28 ppbV	45109	11/03/2021
	Bromoform	< 0.125 ppbV	43806	11/03/2021
	Styrene	0.03 ppbV	45220	11/03/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	11/03/2021
	o-Xylene	0.10 ppbV	45204	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	4-Ethyltoluene	< 0.125 ppbV	45213	11/03/2021
	1,3,5-Trimethylbenzene	0.03 ppbV	45207	11/03/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^: The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



REPORT OF ANALYSIS

Report Date: 11/05/2021
DCLS LIMS #: E211005203

Test Results

APPROVED BY: [REDACTED], Scientist Senior

DATE APPROVED: 11/05/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>	1,2,4-Trimethylbenzene	0.09 ppbV	45208	11/03/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	11/03/2021
	1,4-Dichlorobenzene	< 0.250 ppbV	45807	11/03/2021
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	11/03/2021
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	11/03/2021
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	11/03/2021

Explanation of Terms and Disclaimers

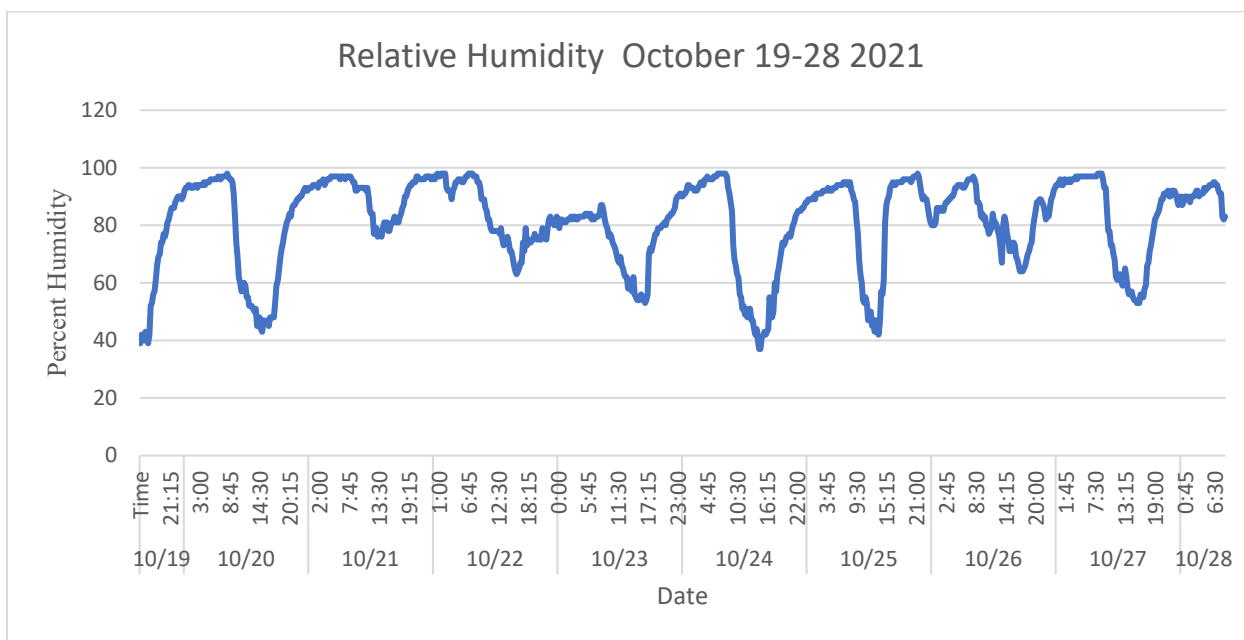
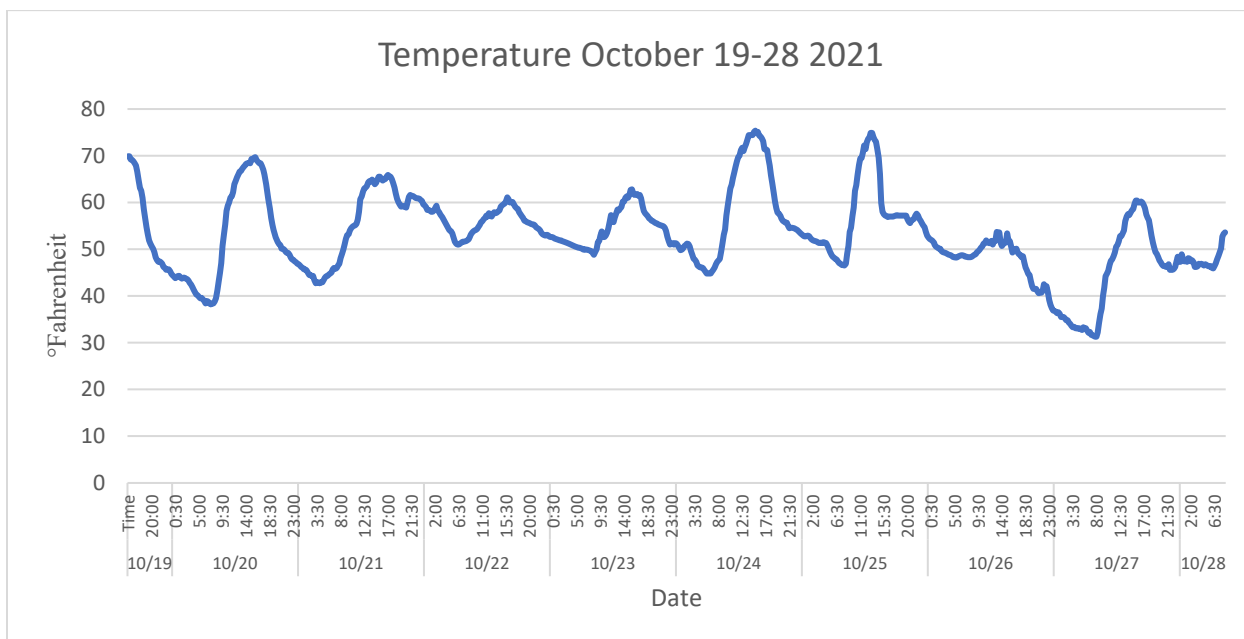
Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^^: The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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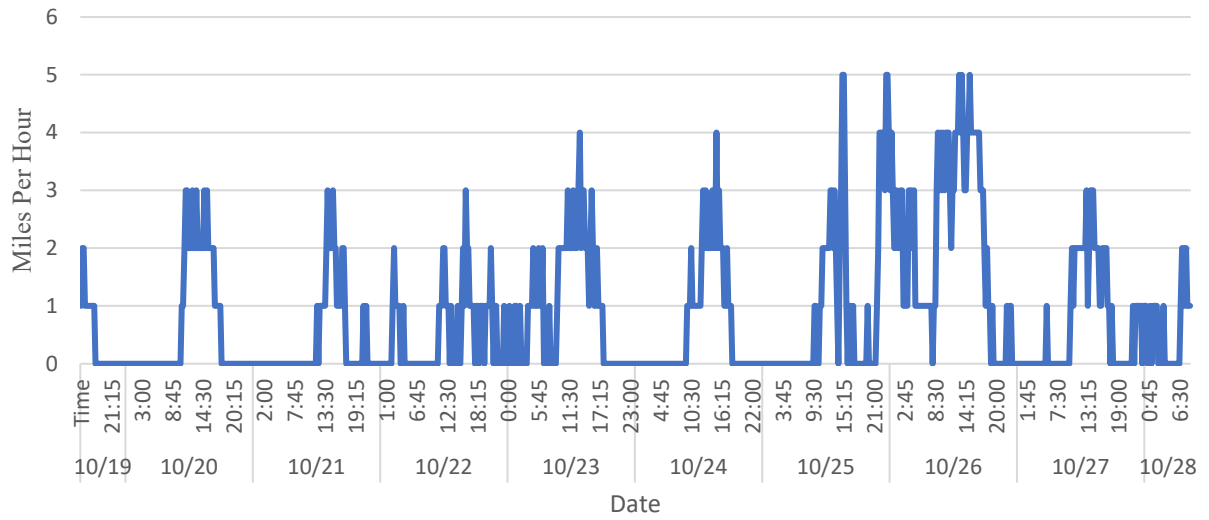
ATTACHMENT 3
WEATHER GRAPHS

ATTACHMENT 3 — Weather Graphs

Weather Data 10/19/2021 — 10/28/2021



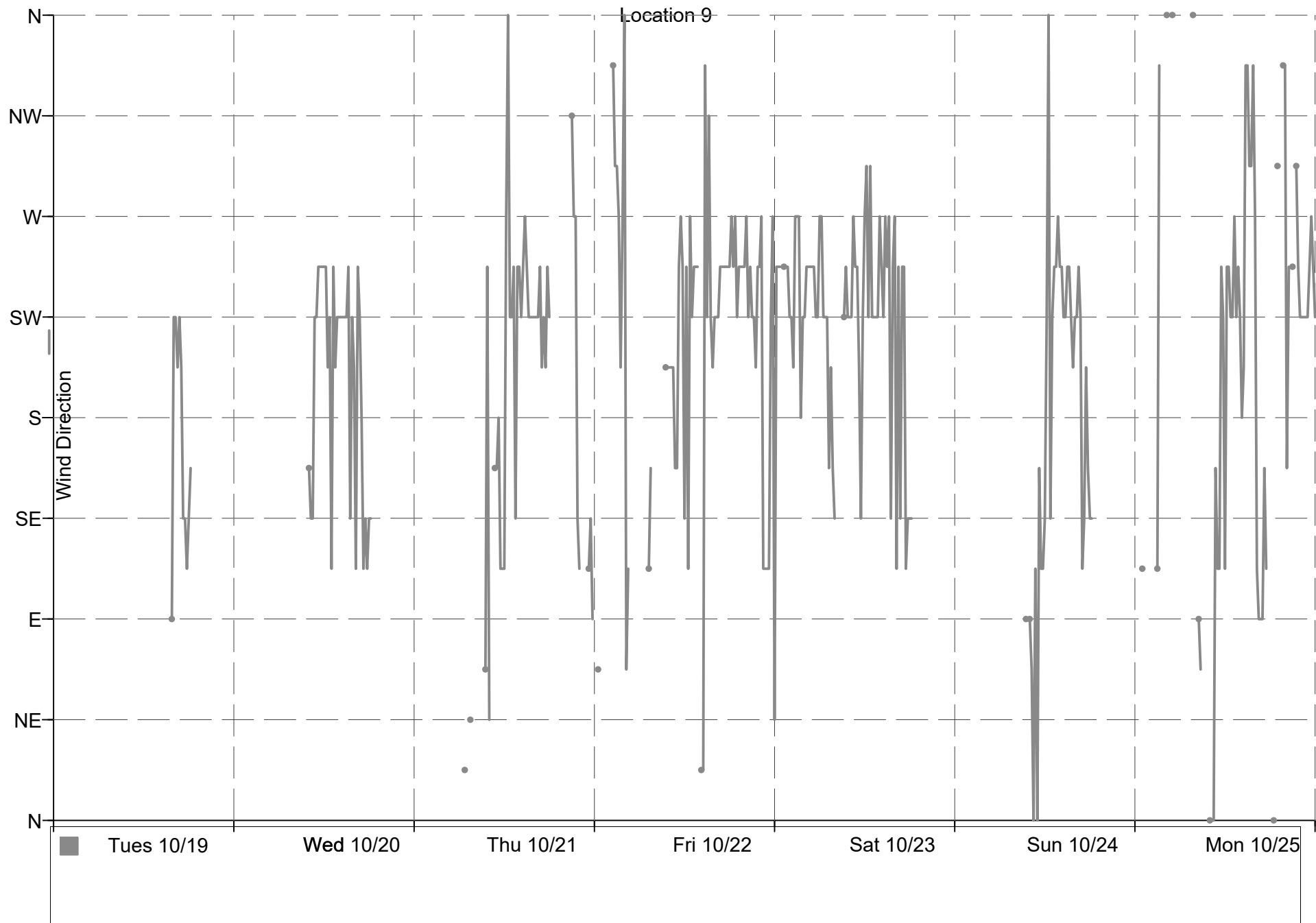
Wind Speed October 19-28 2021



Barometric Pressure October 19-28 2021

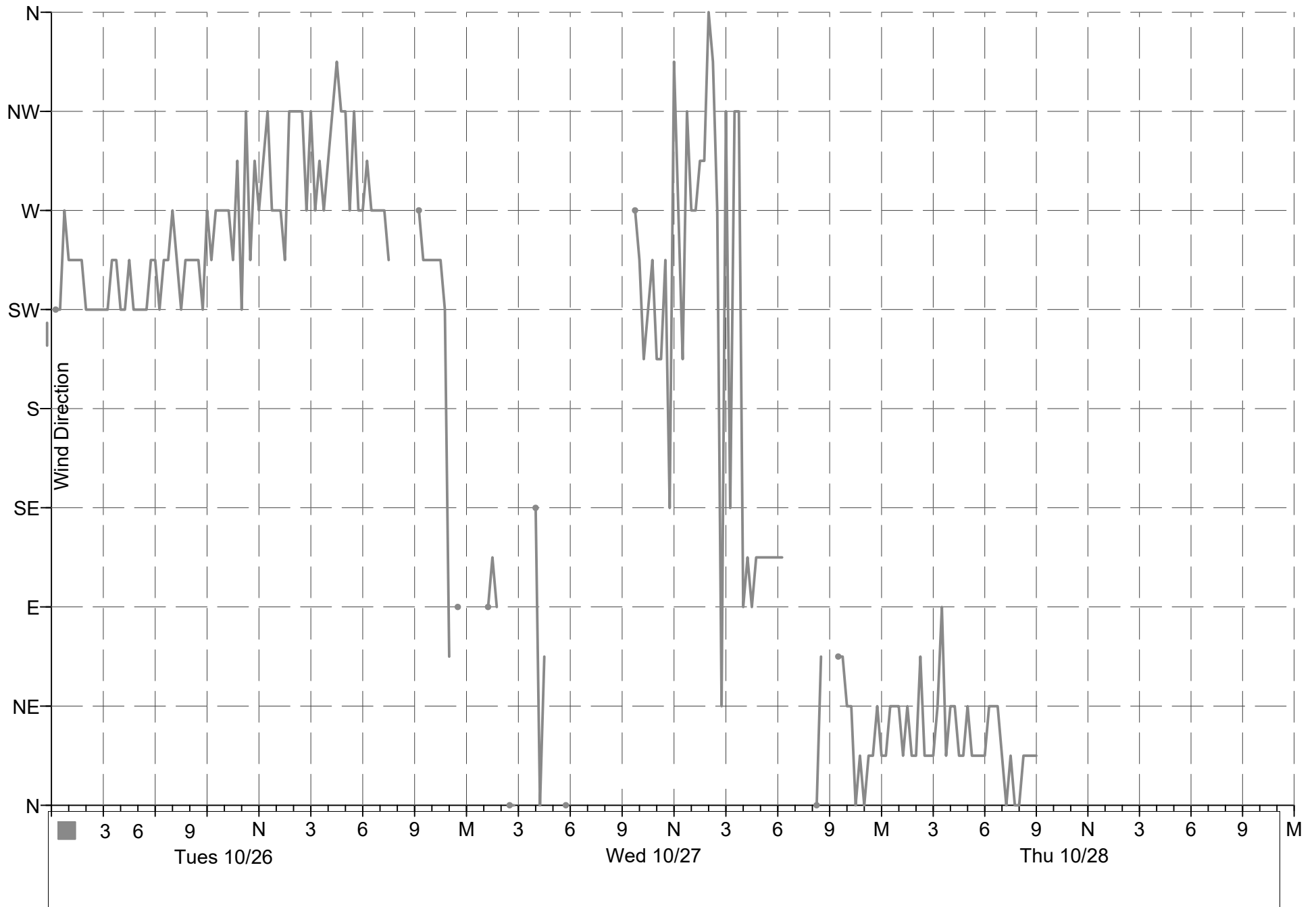


ATTACHMENT 3 - Weather Graphs



ATTACHMENT 3 - Weather Graphs

Location 9



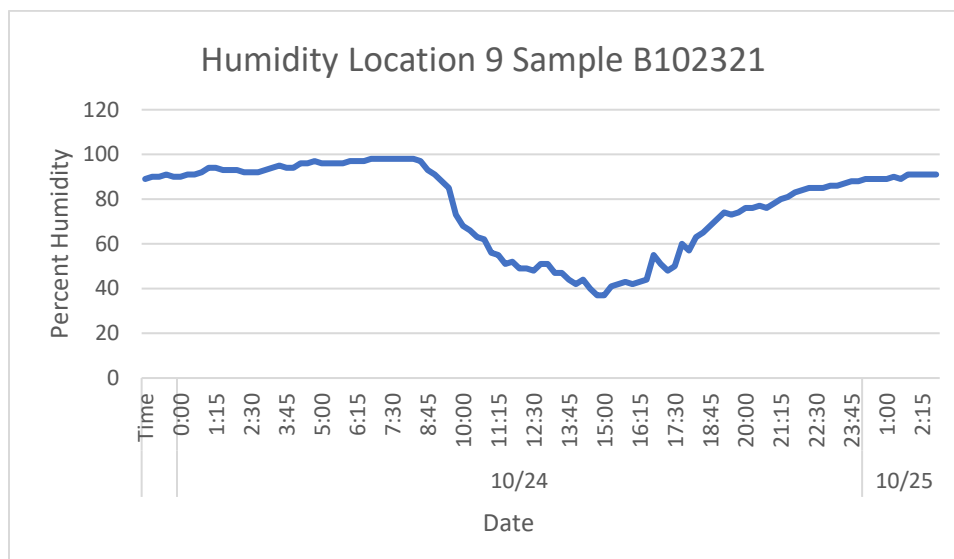
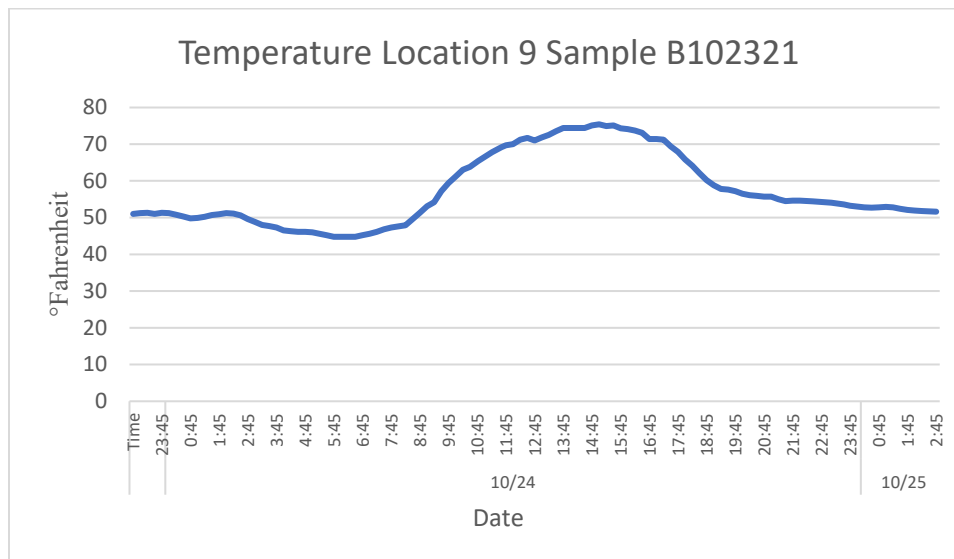
Attachment 3 - Weather Graphs

VADEQ Sample B102321

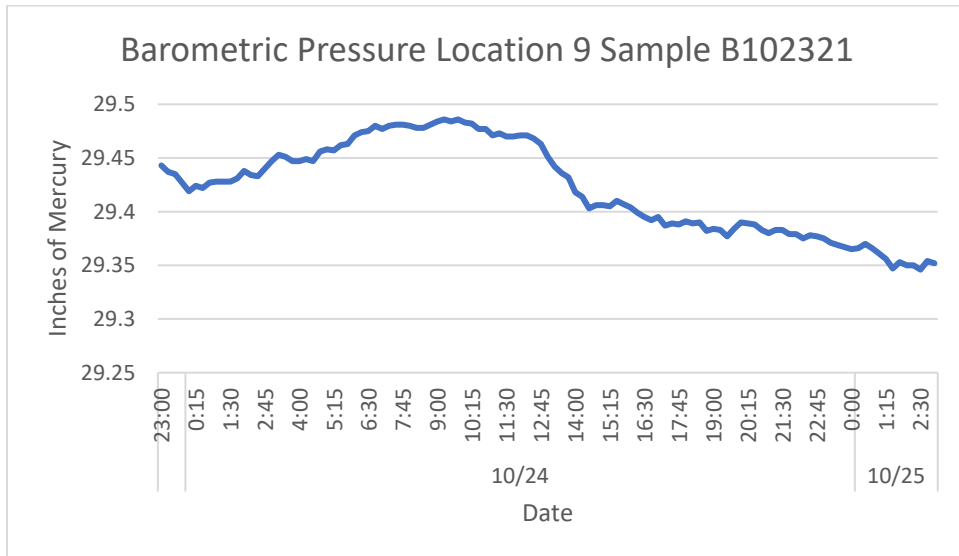
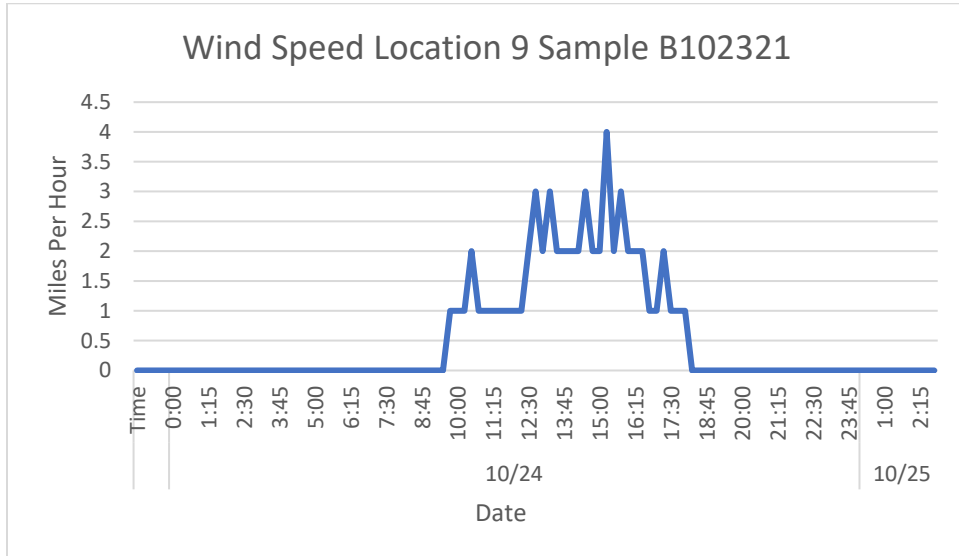
Canister #346

Start date/time: October 23, 2021 at 2300

End date: October 25, 2021 at 0242

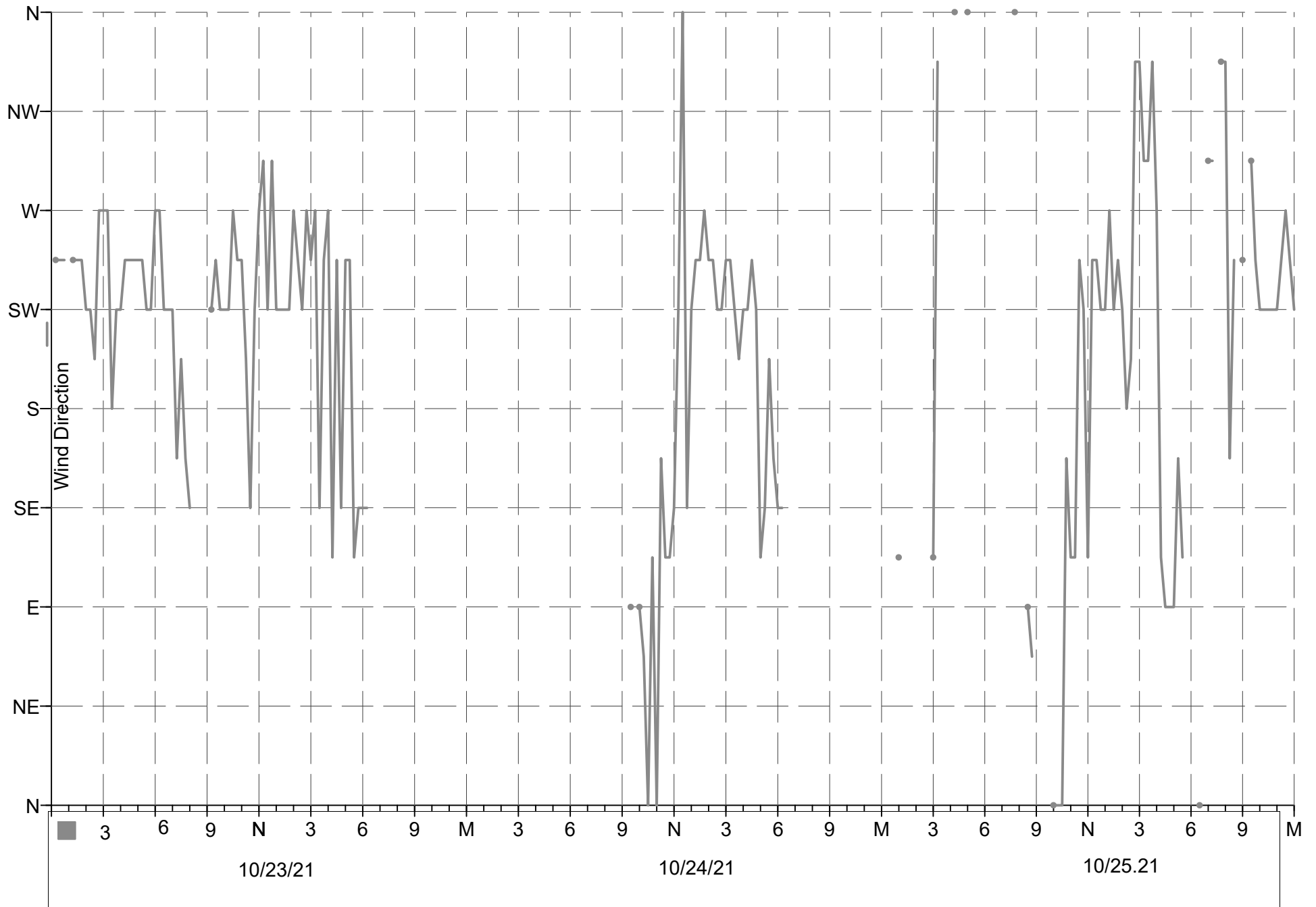


Attachment 3 - Weather Graphs



ATTACHMENT 3 - Weather Graphs

Location 9



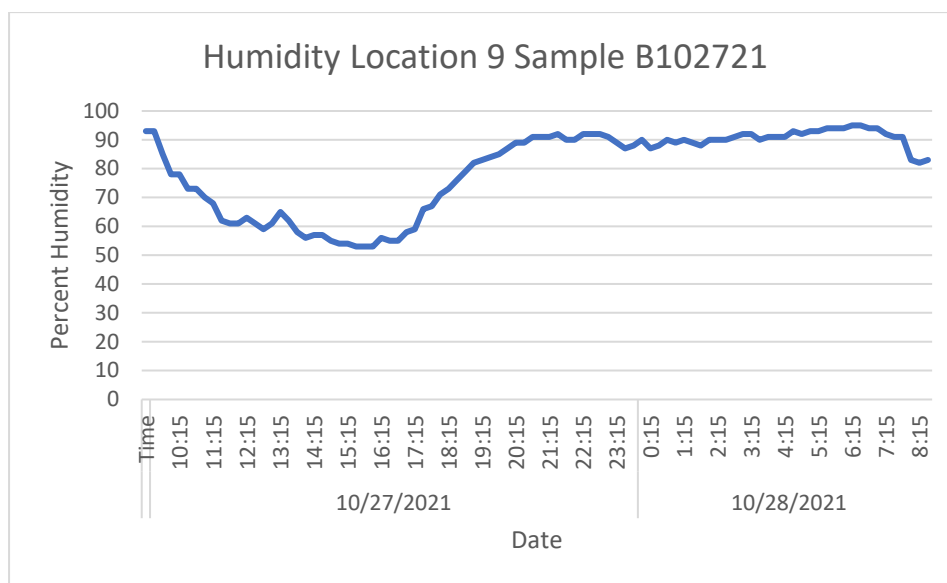
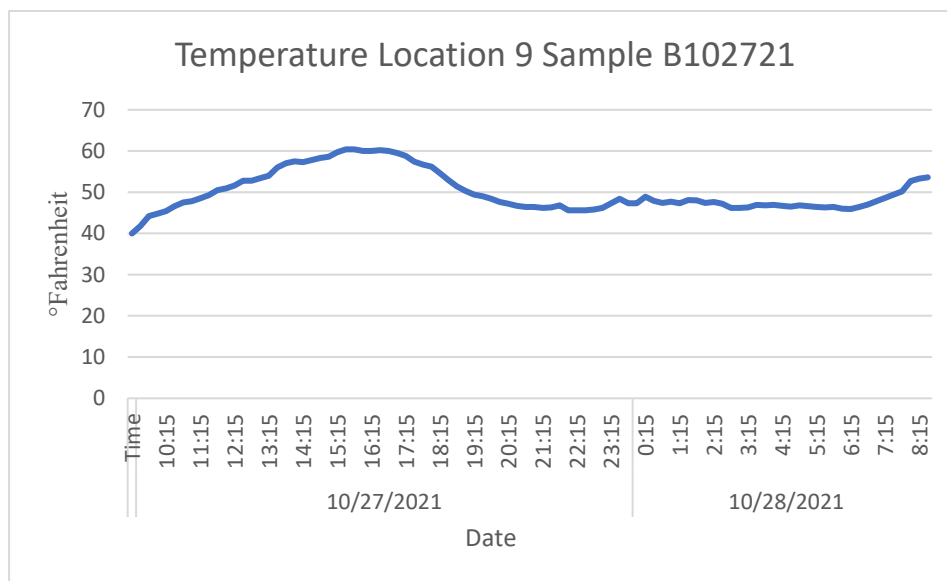
Attachment 3 - Weather Graphs

VADEQ Sample B102721

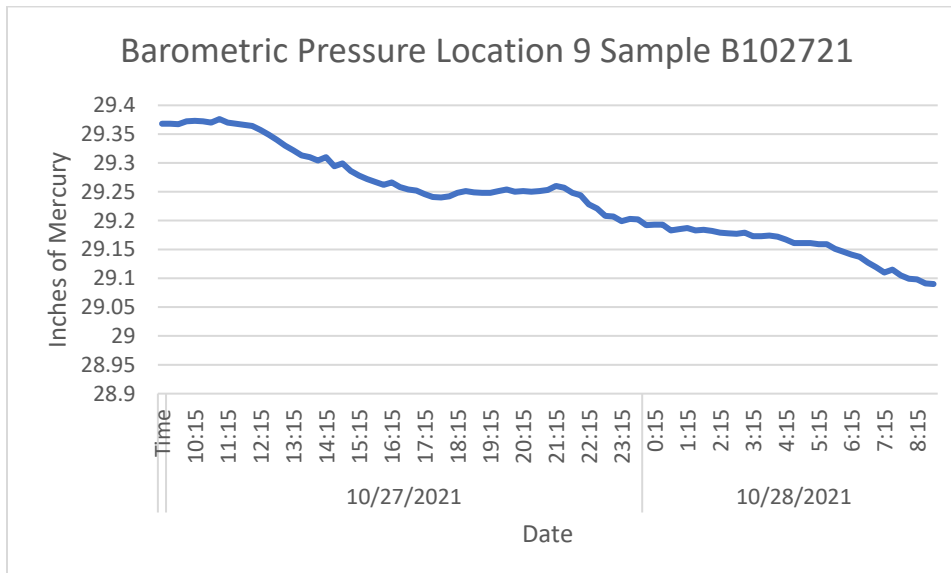
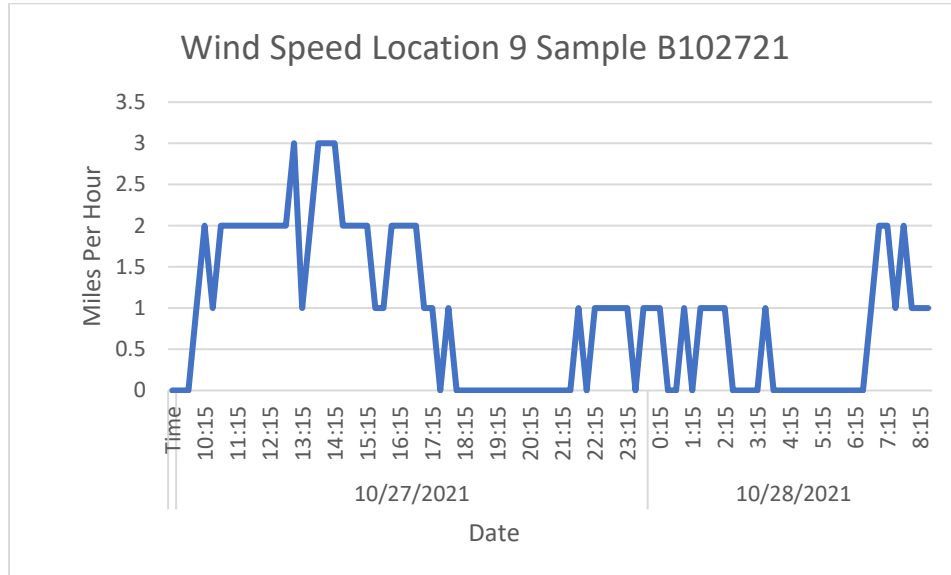
Canister #523

Start date/time: October 27, 2021 at 0920

End date: October 28, 2021 at 1235

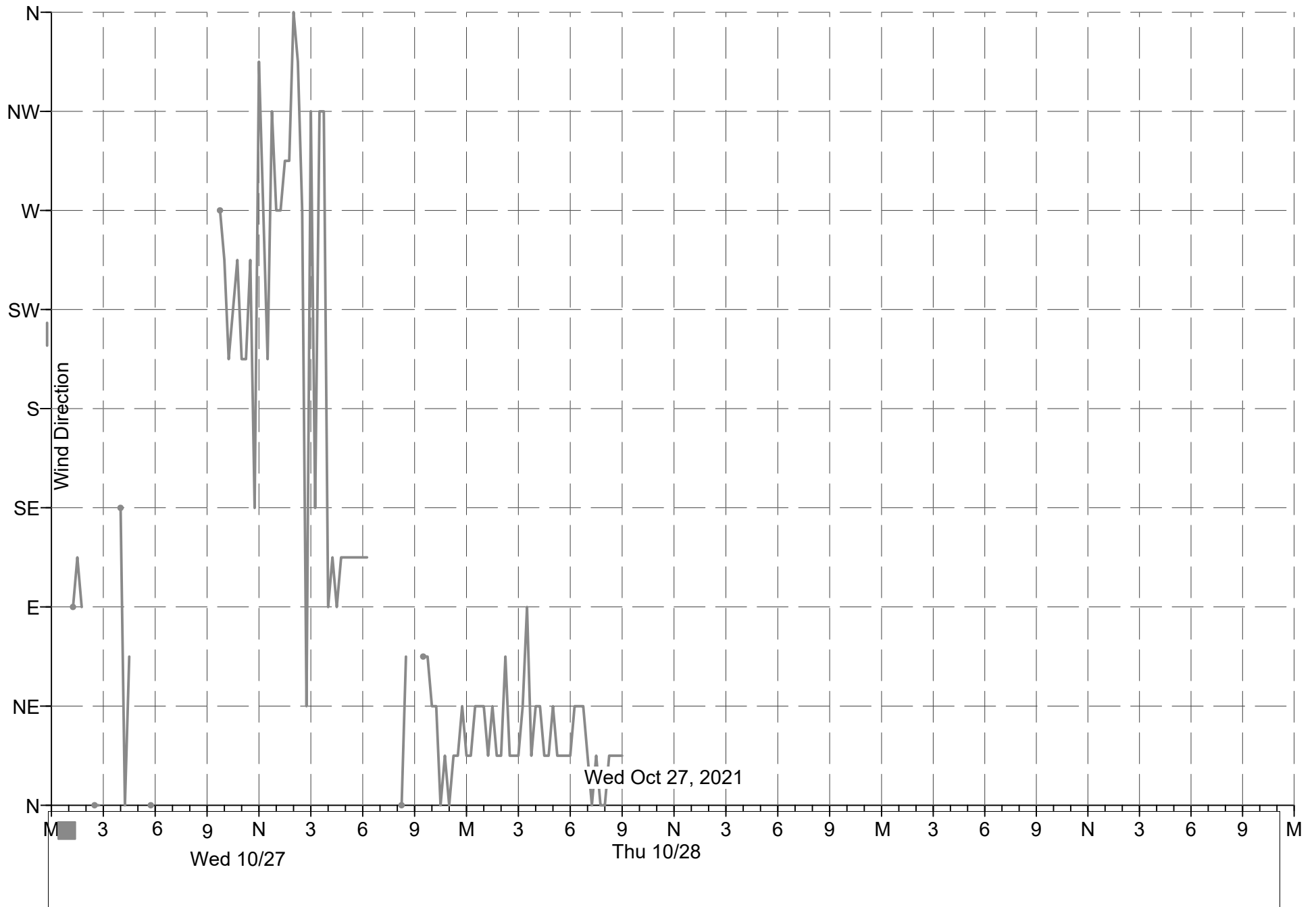


Attachment 3 - Weather Graphs



ATTACHMENT 3 - Weather Graphs

Location 9



ATTACHMENT 4

WEATHER STATION DATA – OCTOBER 19 TO 28, 2021

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/19/2021	3:45 PM	69.9	70	69.5	39	43.8	1	E	0.25	4	SW	69.9	67.3	67.3	29.544
10/19/2021	4:00 PM	69.9	70.2	69.9	42	45.8	2	SW	0.5	5	SSW	69.9	67.6	67.6	29.549
10/19/2021	4:15 PM	69.2	69.9	69.2	41	44.5	2	SW	0.5	5	SW	69.2	66.8	66.8	29.548
10/19/2021	4:30 PM	69.1	69.2	69	40	43.8	1	SSW	0.25	5	WSW	69.1	66.6	66.6	29.554
10/19/2021	4:45 PM	68.8	69	68.7	43	45.4	1	SW	0.25	6	SW	68.8	66.6	66.6	29.549
10/19/2021	5:00 PM	68.4	68.8	68.4	40	43.1	1	SSW	0.25	5	SSE	68.4	66	66	29.548
10/19/2021	5:15 PM	67.9	68.7	67.9	39	42	1	SE	0.25	5	SW	67.9	65.5	65.5	29.544
10/19/2021	5:30 PM	66.6	67.9	66.6	42	42.8	1	SE	0.25	5	SSE	66.6	64.4	64.4	29.544
10/19/2021	5:45 PM	64.7	66.7	64.7	52	46.7	1	ESE	0.25	3	WSW	64.7	63.1	63.1	29.543
10/19/2021	6:00 PM	63.1	64.6	63.1	53	45.7	1	SE	0.25	3	SE	63.1	61.4	61.4	29.544
10/19/2021	6:15 PM	62.5	63.2	62.5	56	46.6	1	SSE	0.25	4	ESE	62.5	61	61	29.544
10/19/2021	6:30 PM	61	62.5	61	57	45.7	0	---	0	0	---	61	59.4	59.4	29.544
10/19/2021	6:45 PM	58.6	60.9	58.6	61	45.2	0	---	0	0	---	58.6	57.3	57.3	29.551
10/19/2021	7:00 PM	56.5	58.6	56.5	66	45.3	0	---	0	0	---	56.5	55.4	55.4	29.552
10/19/2021	7:15 PM	54.7	56.4	54.7	69	44.7	0	---	0	0	---	54.7	53.8	53.8	29.555
10/19/2021	7:30 PM	53.2	54.7	53.2	70	43.7	0	---	0	0	---	53.2	52.5	52.5	29.551
10/19/2021	7:45 PM	51.9	53.2	51.9	74	43.9	0	---	0	0	---	51.9	51.4	51.4	29.556
10/19/2021	8:00 PM	51.2	51.9	51.2	74	43.2	0	---	0	0	---	51.2	50.8	50.8	29.556
10/19/2021	8:15 PM	50.6	51.2	50.5	77	43.7	0	---	0	0	---	50.6	50.4	50.4	29.557
10/19/2021	8:30 PM	50.1	50.5	50.1	76	42.8	0	---	0	0	---	50.1	49.9	49.9	29.555
10/19/2021	8:45 PM	49.4	50.1	49.4	78	42.8	0	---	0	0	---	49.4	49.3	49.3	29.561
10/19/2021	9:00 PM	48.3	49.4	48.3	81	42.7	0	---	0	0	---	48.3	48.2	48.2	29.563
10/19/2021	9:15 PM	47.7	48.3	47.7	82	42.5	0	---	0	0	---	47.7	47.6	47.6	29.571
10/19/2021	9:30 PM	47.3	47.7	47.3	84	42.7	0	---	0	0	---	47.3	47.3	47.3	29.572
10/19/2021	9:45 PM	47.4	47.5	47.3	86	43.4	0	---	0	0	---	47.4	47.4	47.4	29.576
10/19/2021	10:00 PM	47.2	47.5	47.2	86	43.2	0	---	0	0	---	47.2	47.2	47.2	29.578
10/19/2021	10:15 PM	46.9	47.3	46.8	86	42.9	0	---	0	0	---	46.9	46.9	46.9	29.578
10/19/2021	10:30 PM	46.2	46.9	46.2	88	42.8	0	---	0	0	---	46.2	46.3	46.3	29.585
10/19/2021	10:45 PM	46	46.3	46	89	42.9	0	---	0	0	---	46	46.1	46.1	29.589
10/19/2021	11:00 PM	45.6	46.1	45.6	90	42.8	0	---	0	0	---	45.6	45.7	45.7	29.589
10/19/2021	11:15 PM	45.7	45.7	45.5	90	42.9	0	---	0	0	---	45.7	45.8	45.8	29.585
10/19/2021	11:30 PM	45.7	45.8	45.6	90	42.9	0	---	0	0	---	45.7	45.8	45.8	29.587
10/19/2021	11:45 PM	45.3	45.7	45.3	89	42.2	0	---	0	0	---	45.3	45.4	45.4	29.593
10/20/2021	12:00 AM	44.7	45.3	44.7	90	41.9	0	---	0	0	---	44.7	44.8	44.8	29.592
10/20/2021	12:15 AM	44.4	44.7	44.4	92	42.2	0	---	0	0	---	44.4	44.5	44.5	29.589
10/20/2021	12:30 AM	44.1	44.4	44.1	93	42.2	0	---	0	0	---	44.1	44.3	44.3	29.591

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/19/2021	3:45 PM	0	0	0	0.051	77	37	48.7	75.7	7.21	0.0722	140	8	48.1	15
10/19/2021	4:00 PM	0	0	0	0.051	85	30	50.1	82.8	6.05	0.0711	298	8	100	15
10/19/2021	4:15 PM	0	0	0	0.044	88.8	28	51.5	86.5	5.65	0.0705	299	8	100	15
10/19/2021	4:30 PM	0	0	0	0.043	91.3	26	51.6	88.8	5.3	0.0702	300	8	100	15
10/19/2021	4:45 PM	0	0	0	0.04	92.3	25	51.4	89.8	5.1	0.0701	300	8	100	15
10/19/2021	5:00 PM	0	0	0	0.035	91.4	25	50.6	88.7	5.12	0.0702	300	8	100	15
10/19/2021	5:15 PM	0	0	0	0.03	90.4	26	50.8	87.9	5.33	0.0703	300	8	100	15
10/19/2021	5:30 PM	0	0	0	0.017	89.2	26	49.8	86.6	5.35	0.0705	299	8	100	15
10/19/2021	5:45 PM	0	0	0.003	0	88.3	26	49.1	85.6	5.35	0.0707	299	8	100	15
10/19/2021	6:00 PM	0	0	0.02	0	87.7	27	49.6	85.2	5.5	0.0707	299	8	100	15
10/19/2021	6:15 PM	0	0	0.026	0	87.1	27	49.1	84.5	5.51	0.0708	299	8	100	15
10/19/2021	6:30 PM	0	0	0.042	0	85.7	27	47.9	83.2	5.54	0.071	300	8	100	15
10/19/2021	6:45 PM	0	0	0.067	0	83.6	27	46.1	81.2	5.55	0.0714	300	8	100	15
10/19/2021	7:00 PM	0	0	0.089	0	81.5	27	44.3	79.3	5.55	0.0717	299	8	100	15
10/19/2021	7:15 PM	0	0	0.107	0	79.5	28	43.5	77.4	5.74	0.072	300	8	100	15
10/19/2021	7:30 PM	0	0	0.123	0	77.6	29	42.8	75.7	5.85	0.0723	299	8	100	15
10/19/2021	7:45 PM	0	0	0.136	0	75.9	29	41.3	74.1	5.85	0.0725	299	8	100	15
10/19/2021	8:00 PM	0	0	0.144	0	74.4	30	40.9	72.5	6.07	0.0728	299	8	100	15
10/19/2021	8:15 PM	0	0	0.15	0	73	30	39.7	70.8	6.13	0.073	300	8	100	15
10/19/2021	8:30 PM	0	0	0.155	0	71.8	31	39.5	69.1	6.31	0.0732	300	8	100	15
10/19/2021	8:45 PM	0	0	0.162	0	70.6	32	39.3	67.5	6.54	0.0733	300	8	100	15
10/19/2021	9:00 PM	0	0	0.174	0	69.7	32	38.5	66.3	6.55	0.0735	300	8	100	15
10/19/2021	9:15 PM	0	0	0.18	0	68.7	33	38.4	65.5	6.68	0.0736	299	8	100	15
10/19/2021	9:30 PM	0	0	0.184	0	67.8	33	37.6	64.7	6.69	0.0738	300	8	100	15
10/19/2021	9:45 PM	0	0	0.183	0	66.9	34	37.6	63.9	6.85	0.0739	300	8	100	15
10/19/2021	10:00 PM	0	0	0.185	0	66.3	34	37.1	63.2	6.85	0.074	300	8	100	15
10/19/2021	10:15 PM	0	0	0.189	0	65.6	35	37.2	62.6	7.05	0.0741	299	8	100	15
10/19/2021	10:30 PM	0	0	0.196	0	65	35	36.7	62	7.05	0.0742	300	8	100	15
10/19/2021	10:45 PM	0	0	0.198	0	64.5	36	36.9	61.5	7.16	0.0743	300	8	100	15
10/19/2021	11:00 PM	0	0	0.202	0	63.9	36	36.4	60.9	7.17	0.0744	300	8	100	15
10/19/2021	11:15 PM	0	0	0.201	0	63.5	37	36.7	60.6	7.35	0.0745	300	8	100	15
10/19/2021	11:30 PM	0	0	0.201	0	63	37	36.3	60.1	7.35	0.0745	300	8	100	15
10/19/2021	11:45 PM	0	0	0.205	0	62.5	37	35.9	59.6	7.35	0.0746	300	8	100	15
10/20/2021	12:00 AM	0	0	0.211	0	62.1	38	36.2	59.2	7.55	0.0747	300	8	100	15
10/20/2021	12:15 AM	0	0	0.215	0	61.7	38	35.8	58.8	7.55	0.0747	300	8	100	15
10/20/2021	12:30 AM	0	0	0.218	0	61.3	38	35.5	58.4	7.55	0.0748	297	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/20/2021	12:45 AM	43.8	44.1	43.8	93	41.9	0	---	0	0	---	43.8	43.9	43.9	29.595
10/20/2021	1:00 AM	44	44	43.7	94	42.4	0	---	0	0	---	44	44.2	44.2	29.593
10/20/2021	1:15 AM	44.3	44.3	43.9	94	42.7	0	---	0	0	---	44.3	44.5	44.5	29.595
10/20/2021	1:30 AM	44.3	44.4	44.2	93	42.4	0	---	0	0	---	44.3	44.5	44.5	29.597
10/20/2021	1:45 AM	43.9	44.3	43.8	93	42	0	---	0	0	---	43.9	44.1	44.1	29.599
10/20/2021	2:00 AM	43.7	43.9	43.7	93	41.8	0	---	0	0	---	43.7	43.8	43.8	29.603
10/20/2021	2:15 AM	43.9	43.9	43.7	94	42.3	0	---	0	0	---	43.9	44.1	44.1	29.604
10/20/2021	2:30 AM	43.9	44	43.8	94	42.3	0	---	0	0	---	43.9	44.1	44.1	29.605
10/20/2021	2:45 AM	43.7	44	43.7	93	41.8	0	---	0	0	---	43.7	43.8	43.8	29.606
10/20/2021	3:00 AM	43.6	43.7	43.6	94	42	0	---	0	0	---	43.6	43.7	43.7	29.603
10/20/2021	3:15 AM	43.3	43.6	43.3	94	41.7	0	---	0	0	---	43.3	43.4	43.4	29.608
10/20/2021	3:30 AM	42.8	43.4	42.8	94	41.2	0	---	0	0	---	42.8	42.9	42.9	29.606
10/20/2021	3:45 AM	42.4	42.8	42.3	94	40.8	0	---	0	0	---	42.4	42.5	42.5	29.607
10/20/2021	4:00 AM	41.9	42.3	41.9	95	40.6	0	---	0	0	---	41.9	42	42	29.606
10/20/2021	4:15 AM	41.3	41.9	41.3	94	39.7	0	---	0	0	---	41.3	41.4	41.4	29.607
10/20/2021	4:30 AM	40.8	41.3	40.8	95	39.5	0	---	0	0	---	40.8	40.9	40.9	29.609
10/20/2021	4:45 AM	40.3	40.8	40.2	95	39	0	---	0	0	---	40.3	40.4	40.4	29.613
10/20/2021	5:00 AM	40.1	40.3	40.1	95	38.8	0	---	0	0	---	40.1	40.2	40.2	29.614
10/20/2021	5:15 AM	39.8	40.1	39.7	96	38.8	0	---	0	0	---	39.8	39.9	39.9	29.614
10/20/2021	5:30 AM	39.5	39.8	39.5	96	38.5	0	---	0	0	---	39.5	39.6	39.6	29.621
10/20/2021	5:45 AM	39.6	39.7	39.5	96	38.6	0	---	0	0	---	39.6	39.7	39.7	29.625
10/20/2021	6:00 AM	39.3	39.6	39.2	96	38.3	0	---	0	0	---	39.3	39.4	39.4	29.631
10/20/2021	6:15 AM	38.9	39.3	38.9	96	37.9	0	---	0	0	---	38.9	38.9	38.9	29.633
10/20/2021	6:30 AM	38.4	39	38.4	96	37.4	0	---	0	0	---	38.4	38.4	38.4	29.637
10/20/2021	6:45 AM	38.9	38.9	38.4	97	38.1	0	---	0	0	---	38.9	39	39	29.637
10/20/2021	7:00 AM	38.8	38.9	38.8	96	37.8	0	---	0	0	---	38.8	38.8	38.8	29.638
10/20/2021	7:15 AM	38.4	38.8	38.3	96	37.4	0	---	0	0	---	38.4	38.4	38.4	29.639
10/20/2021	7:30 AM	38.2	38.4	38.2	97	37.4	0	---	0	0	---	38.2	38.2	38.2	29.639
10/20/2021	7:45 AM	38.4	38.4	38.2	97	37.6	0	---	0	0	---	38.4	38.5	38.5	29.647
10/20/2021	8:00 AM	38.4	38.4	38.3	97	37.6	0	---	0	0	---	38.4	38.5	38.5	29.651
10/20/2021	8:15 AM	38.8	38.8	38.4	97	38	0	---	0	0	---	38.8	38.9	38.9	29.656
10/20/2021	8:30 AM	39.5	39.5	38.8	98	39	0	---	0	0	---	39.5	39.6	39.6	29.655
10/20/2021	8:45 AM	41.2	41.2	39.5	97	40.4	0	---	0	0	---	41.2	41.3	41.3	29.664
10/20/2021	9:00 AM	43.1	43.1	41.2	96	42	0	---	0	0	---	43.1	43.2	43.2	29.667
10/20/2021	9:15 AM	44.9	44.9	43.1	96	43.8	0	---	0	0	---	44.9	45.1	45.1	29.667
10/20/2021	9:30 AM	47	47	44.9	95	45.6	0	---	0	0	---	47	47.3	47.3	29.672

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/20/2021	12:45 AM	0	0	0.221	0	61	39	35.8	58.2	7.67	0.0749	300	8	100	15
10/20/2021	1:00 AM	0	0	0.219	0	60.8	39	35.7	58	7.67	0.0749	299	8	100	15
10/20/2021	1:15 AM	0	0	0.216	0	60.5	39	35.4	57.7	7.66	0.0749	299	8	100	15
10/20/2021	1:30 AM	0	0	0.216	0	60.3	40	35.9	57.6	7.85	0.075	300	8	100	15
10/20/2021	1:45 AM	0	0	0.22	0	60	40	35.6	57.3	7.85	0.075	300	8	100	15
10/20/2021	2:00 AM	0	0	0.222	0	59.8	40	35.4	57.1	7.85	0.0751	298	8	100	15
10/20/2021	2:15 AM	0	0	0.22	0	59.7	41	35.9	57.1	8.04	0.0751	300	8	100	15
10/20/2021	2:30 AM	0	0	0.22	0	59.6	41	35.9	57	8.04	0.0751	300	8	100	15
10/20/2021	2:45 AM	0	0	0.222	0	59.5	41	35.8	56.9	8.04	0.0751	300	8	100	15
10/20/2021	3:00 AM	0	0	0.223	0	59.4	42	36.3	56.9	8.15	0.0751	300	8	100	15
10/20/2021	3:15 AM	0	0	0.226	0	59.4	42	36.3	56.9	8.15	0.0751	300	8	100	15
10/20/2021	3:30 AM	0	0	0.231	0	59.3	42	36.2	56.8	8.15	0.0751	300	8	100	15
10/20/2021	3:45 AM	0	0	0.235	0	59	42	35.9	56.5	8.15	0.0752	300	8	100	15
10/20/2021	4:00 AM	0	0	0.241	0	58.7	42	35.7	56.2	8.15	0.0752	300	8	100	15
10/20/2021	4:15 AM	0	0	0.247	0	58.3	42	35.3	55.8	8.15	0.0753	300	8	100	15
10/20/2021	4:30 AM	0	0	0.252	0	57.9	42	34.9	55.4	8.15	0.0754	300	8	100	15
10/20/2021	4:45 AM	0	0	0.257	0	57.6	42	34.7	55.2	8.15	0.0754	300	8	100	15
10/20/2021	5:00 AM	0	0	0.259	0	57.2	43	34.9	54.9	8.29	0.0755	299	8	100	15
10/20/2021	5:15 AM	0	0	0.263	0	56.9	43	34.6	54.6	8.29	0.0755	300	8	100	15
10/20/2021	5:30 AM	0	0	0.266	0	56.7	43	34.4	54.4	8.28	0.0756	300	8	100	15
10/20/2021	5:45 AM	0	0	0.265	0	56.4	43	34.2	54.1	8.28	0.0756	300	8	100	15
10/20/2021	6:00 AM	0	0	0.268	0	56.1	43	33.9	53.8	8.27	0.0757	300	8	100	15
10/20/2021	6:15 AM	0	0	0.272	0	55.9	44	34.3	53.7	8.47	0.0757	300	8	100	15
10/20/2021	6:30 AM	0	0	0.277	0	55.6	44	34	53.4	8.46	0.0758	300	8	100	15
10/20/2021	6:45 AM	0	0	0.272	0	55.4	44	33.8	53.2	8.46	0.0758	300	8	100	15
10/20/2021	7:00 AM	0	0	0.273	0	55.2	44	33.6	53	8.45	0.0759	299	8	100	15
10/20/2021	7:15 AM	0	0	0.277	0	55	44	33.5	52.9	8.45	0.0759	300	8	100	15
10/20/2021	7:30 AM	0	0	0.279	0	54.8	44	33.3	52.7	8.45	0.0759	300	8	100	15
10/20/2021	7:45 AM	0	0	0.277	0	54.7	45	33.8	52.6	8.66	0.0759	300	8	100	15
10/20/2021	8:00 AM	0	0	0.277	0	54.5	45	33.6	52.5	8.66	0.076	300	8	100	15
10/20/2021	8:15 AM	0	0	0.273	0	54.4	45	33.5	52.4	8.66	0.076	298	8	100	15
10/20/2021	8:30 AM	0	0	0.266	0	54.8	45	33.8	52.7	8.65	0.076	196	8	67.4	15
10/20/2021	8:45 AM	0	0	0.248	0	54.6	46	34.2	52.6	8.85	0.076	298	8	100	15
10/20/2021	9:00 AM	0	0	0.228	0	54.8	46	34.4	52.8	8.85	0.076	299	8	100	15
10/20/2021	9:15 AM	0	0	0.209	0	55.2	47	35.3	53.2	8.95	0.0759	299	8	100	15
10/20/2021	9:30 AM	0	0	0.188	0	55.8	47	35.9	53.7	8.95	0.0758	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/20/2021	9:45 AM	50.7	50.7	47	91	48.2	0	---	0	0	---	50.7	51	51	29.677
10/20/2021	10:00 AM	53.2	53.2	50.8	83	48.2	0	SSE	0	2	SSE	53.2	53	53	29.68
10/20/2021	10:15 AM	55.3	55.3	53.2	74	47.2	0	SE	0	2	SE	55.3	54.7	54.7	29.676
10/20/2021	10:30 AM	58.2	58.2	55.3	69	48.1	0	SE	0	2	SE	58.2	57.3	57.3	29.682
10/20/2021	10:45 AM	59.3	59.3	58.2	62	46.3	1	SW	0.25	4	SW	59.3	58	58	29.684
10/20/2021	11:00 AM	60	60	59.3	60	46.1	1	SW	0.25	4	WSW	60	58.6	58.6	29.688
10/20/2021	11:15 AM	61.1	61.2	60	57	45.7	2	WSW	0.5	6	SW	61.1	59.5	59.5	29.682
10/20/2021	11:30 AM	61.3	61.3	60.7	58	46.4	3	WSW	0.75	6	SW	61.3	59.8	59.8	29.677
10/20/2021	11:45 AM	62.2	62.2	61.3	60	48.1	3	WSW	0.75	7	WSW	62.2	60.9	60.9	29.676
10/20/2021	12:00 PM	63.9	63.9	62.2	59	49.3	2	WSW	0.5	5	SW	63.9	62.7	62.7	29.672
10/20/2021	12:15 PM	64.6	64.7	63.9	55	48.1	2	WSW	0.5	6	SW	64.6	63.3	63.3	29.668
10/20/2021	12:30 PM	65.4	65.4	64.7	55	48.8	2	SSW	0.5	7	SE	65.4	64.1	64.1	29.662
10/20/2021	12:45 PM	66	66	65.4	52	47.9	3	SW	0.75	8	WSW	66	64.5	64.5	29.658
10/20/2021	1:00 PM	66.6	66.6	66	52	48.4	2	ESE	0.5	8	SE	66.6	65.2	65.2	29.649
10/20/2021	1:15 PM	66.7	66.7	66.2	52	48.5	2	WSW	0.5	7	ESE	66.7	65.3	65.3	29.632
10/20/2021	1:30 PM	67.2	67.6	66.7	51	48.5	3	SSW	0.75	8	WSW	67.2	65.8	65.8	29.631
10/20/2021	1:45 PM	67.6	67.6	67	50	48.3	2	SW	0.5	9	ESE	67.6	66.2	66.2	29.622
10/20/2021	2:00 PM	67.9	67.9	67.4	51	49.1	2	SW	0.5	7	WSW	67.9	66.6	66.6	29.609
10/20/2021	2:15 PM	68.3	68.3	67.8	45	46.1	2	SW	0.5	9	WSW	68.3	66.4	66.4	29.604
10/20/2021	2:30 PM	68.4	68.8	68.2	46	46.8	2	SW	0.5	7	WSW	68.4	66.6	66.6	29.602
10/20/2021	2:45 PM	68.5	68.5	67.9	48	48	2	SW	0.5	7	SW	68.5	66.9	66.9	29.589
10/20/2021	3:00 PM	68.4	68.9	68.3	44	45.6	3	SW	0.75	10	WSW	68.4	66.4	66.4	29.593
10/20/2021	3:15 PM	69.3	69.3	68.4	43	45.8	2	WSW	0.5	9	WSW	69.3	67.1	67.1	29.582
10/20/2021	3:30 PM	69.2	69.3	69	47	48.1	3	SE	0.75	9	SE	69.2	67.4	67.4	29.58
10/20/2021	3:45 PM	69.6	69.8	69.2	46	47.9	2	SW	0.5	7	WSW	69.6	67.6	67.6	29.576
10/20/2021	4:00 PM	69.7	69.8	69.5	46	48	2	SSW	0.5	6	SW	69.7	67.7	67.7	29.571
10/20/2021	4:15 PM	69	69.7	69	47	47.9	2	ESE	0.5	6	SSW	69	67.2	67.2	29.571
10/20/2021	4:30 PM	68.7	69.1	68.7	45	46.5	2	WSW	0.5	6	SW	68.7	66.8	66.8	29.568
10/20/2021	4:45 PM	68.4	68.8	68.4	48	47.9	2	SW	0.5	6	W	68.4	66.8	66.8	29.567
10/20/2021	5:00 PM	68.4	68.5	68.2	48	47.9	1	S	0.25	4	ESE	68.4	66.8	66.8	29.563
10/20/2021	5:15 PM	67.8	68.4	67.7	48	47.4	1	ESE	0.25	6	ESE	67.8	66.2	66.2	29.558
10/20/2021	5:30 PM	67	67.9	67	48	46.7	1	SE	0.25	4	SE	67	65.3	65.3	29.559
10/20/2021	5:45 PM	65.8	67.1	65.8	53	48.2	1	ESE	0.25	4	SE	65.8	64.4	64.4	29.555
10/20/2021	6:00 PM	64.2	65.8	64.2	59	49.6	1	SE	0.25	4	SE	64.2	63.1	63.1	29.552
10/20/2021	6:15 PM	62.5	64.2	62.5	61	48.9	0	SE	0	2	SE	62.5	61.3	61.3	29.552
10/20/2021	6:30 PM	60.5	62.5	60.5	65	48.7	0	---	0	0	---	60.5	59.5	59.5	29.549

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/20/2021	9:45 AM	0	0	0.149	0	56.6	48	37.1	54.5	9.15	0.0757	299	8	100	15
10/20/2021	10:00 AM	0	0	0.123	0	57.5	48	37.9	55.4	9.15	0.0755	300	8	100	15
10/20/2021	10:15 AM	0	0	0.101	0	58.7	49	39.6	56.6	9.35	0.0753	299	8	100	15
10/20/2021	10:30 AM	0	0	0.071	0	60	49	40.8	57.9	9.35	0.0751	300	8	100	15
10/20/2021	10:45 AM	0	0	0.059	0	61.5	49	42.2	59.4	9.29	0.0749	299	8	100	15
10/20/2021	11:00 AM	0	0	0.052	0	62.9	48	42.9	60.8	9.03	0.0746	299	8	100	15
10/20/2021	11:15 AM	0	0	0.041	0	64	49	44.4	62	9.19	0.0744	298	8	100	15
10/20/2021	11:30 AM	0	0	0.039	0	65.2	48	45	63.3	8.95	0.0742	298	8	100	15
10/20/2021	11:45 AM	0	0	0.029	0	66.6	47	45.7	64.8	8.82	0.074	300	8	100	15
10/20/2021	12:00 PM	0	0	0.011	0	67.9	47	46.9	66.3	8.79	0.0738	299	8	100	15
10/20/2021	12:15 PM	0	0	0.004	0	69.2	46	47.5	67.3	8.65	0.0736	300	8	100	15
10/20/2021	12:30 PM	0	0	0	0.004	70.3	46	48.5	68.4	8.64	0.0734	300	8	100	15
10/20/2021	12:45 PM	0	0	0	0.01	71.5	46	49.6	70	8.62	0.0732	299	8	100	15
10/20/2021	1:00 PM	0	0	0	0.017	72.5	45	49.9	71.3	8.45	0.073	300	8	100	15
10/20/2021	1:15 PM	0	0	0	0.018	73.5	45	50.9	72.7	8.45	0.0728	300	8	100	15
10/20/2021	1:30 PM	0	0	0	0.023	74.6	44	51.2	73.9	8.26	0.0726	300	8	100	15
10/20/2021	1:45 PM	0	0	0	0.027	75.5	44	52.1	74.8	8.24	0.0724	298	8	100	15
10/20/2021	2:00 PM	0	0	0	0.03	76.5	44	53	75.8	8.22	0.0722	300	8	100	15
10/20/2021	2:15 PM	0	0	0	0.034	77.8	44	54.1	77	8.19	0.072	299	8	100	15
10/20/2021	2:30 PM	0	0	0	0.035	79.5	44	55.7	78.8	8.16	0.0717	299	8	100	15
10/20/2021	2:45 PM	0	0	0	0.036	81.8	44	57.8	81.3	8.15	0.0713	300	8	100	15
10/20/2021	3:00 PM	0	0	0	0.035	84.4	43	59.5	84.2	7.96	0.0709	300	8	100	15
10/20/2021	3:15 PM	0	0	0	0.045	86.6	41	60.1	86.5	7.65	0.0706	299	8	100	15
10/20/2021	3:30 PM	0	0	0	0.044	88.3	39	60.2	88.3	7.28	0.0703	300	8	100	15
10/20/2021	3:45 PM	0	0	0	0.048	89.3	37	59.6	89.1	6.96	0.0702	300	8	100	15
10/20/2021	4:00 PM	0	0	0	0.049	89.4	36	58.9	88.9	6.84	0.0702	300	8	100	15
10/20/2021	4:15 PM	0	0	0	0.042	89.2	35	58	88.4	6.73	0.0703	300	8	100	15
10/20/2021	4:30 PM	0	0	0	0.039	88.9	35	57.7	88	6.73	0.0703	299	8	100	15
10/20/2021	4:45 PM	0	0	0	0.035	88.6	34	56.6	87.4	6.52	0.0704	300	8	100	15
10/20/2021	5:00 PM	0	0	0	0.035	88.1	34	56.2	86.8	6.51	0.0705	300	8	100	15
10/20/2021	5:15 PM	0	0	0	0.029	87.8	34	55.9	86.5	6.51	0.0705	300	8	100	15
10/20/2021	5:30 PM	0	0	0	0.021	87.3	34	55.5	85.9	6.5	0.0706	299	8	100	15
10/20/2021	5:45 PM	0	0	0	0.008	87	33	54.4	85.3	6.39	0.0707	300	8	100	15
10/20/2021	6:00 PM	0	0	0.008	0	86.5	33	54	84.8	6.38	0.0707	300	8	100	15
10/20/2021	6:15 PM	0	0	0.026	0	86.1	33	53.6	84.3	6.37	0.0708	299	8	100	15
10/20/2021	6:30 PM	0	0	0.047	0	85.6	33	53.2	83.8	6.36	0.0709	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/20/2021	6:45 PM	58.7	60.5	58.7	69	48.6	0	---	0	0	---	58.7	57.8	57.8	29.552
10/20/2021	7:00 PM	56.7	58.6	56.7	72	47.8	0	---	0	0	---	56.7	55.9	55.9	29.558
10/20/2021	7:15 PM	55.2	56.6	55.2	74	47.1	0	---	0	0	---	55.2	54.6	54.6	29.554
10/20/2021	7:30 PM	54	55.1	54	77	47	0	---	0	0	---	54	53.5	53.5	29.555
10/20/2021	7:45 PM	53	54	53	79	46.7	0	---	0	0	---	53	52.7	52.7	29.559
10/20/2021	8:00 PM	52.1	53	52.1	81	46.4	0	---	0	0	---	52.1	51.9	51.9	29.56
10/20/2021	8:15 PM	51.6	52.2	51.6	82	46.3	0	---	0	0	---	51.6	51.5	51.5	29.565
10/20/2021	8:30 PM	51.1	51.6	51	84	46.4	0	---	0	0	---	51.1	51.1	51.1	29.565
10/20/2021	8:45 PM	50.9	51.2	50.9	83	45.9	0	---	0	0	---	50.9	50.8	50.8	29.566
10/20/2021	9:00 PM	50.1	50.8	50.1	86	46.1	0	---	0	0	---	50.1	50.2	50.2	29.561
10/20/2021	9:15 PM	50.1	50.1	49.9	87	46.4	0	---	0	0	---	50.1	50.3	50.3	29.56
10/20/2021	9:30 PM	49.9	50.1	49.9	87	46.2	0	---	0	0	---	49.9	50.1	50.1	29.556
10/20/2021	9:45 PM	49.5	50	49.5	88	46.1	0	---	0	0	---	49.5	49.7	49.7	29.556
10/20/2021	10:00 PM	49.2	49.5	49.1	89	46.1	0	---	0	0	---	49.2	49.5	49.5	29.551
10/20/2021	10:15 PM	49.2	49.2	49.1	89	46.1	0	---	0	0	---	49.2	49.5	49.5	29.553
10/20/2021	10:30 PM	48.8	49.2	48.8	90	46	0	---	0	0	---	48.8	49.1	49.1	29.55
10/20/2021	10:45 PM	48.2	48.8	48.2	90	45.4	0	---	0	0	---	48.2	48.4	48.4	29.554
10/20/2021	11:00 PM	47.8	48.2	47.8	91	45.3	0	---	0	0	---	47.8	48	48	29.559
10/20/2021	11:15 PM	47.7	47.9	47.7	92	45.5	0	---	0	0	---	47.7	48	48	29.552
10/20/2021	11:30 PM	47.4	47.7	47.4	93	45.5	0	---	0	0	---	47.4	47.7	47.7	29.552
10/20/2021	11:45 PM	47.2	47.4	47.2	92	45	0	---	0	0	---	47.2	47.4	47.4	29.547
10/21/2021	12:00 AM	46.9	47.2	46.9	92	44.7	0	---	0	0	---	46.9	47.1	47.1	29.547
10/21/2021	12:15 AM	46.8	46.9	46.7	93	44.9	0	---	0	0	---	46.8	47.1	47.1	29.544
10/21/2021	12:30 AM	46.5	46.7	46.5	93	44.6	0	---	0	0	---	46.5	46.7	46.7	29.546
10/21/2021	12:45 AM	46.2	46.5	46.1	93	44.3	0	---	0	0	---	46.2	46.4	46.4	29.538
10/21/2021	1:00 AM	46	46.2	45.9	94	44.4	0	---	0	0	---	46	46.3	46.3	29.533
10/21/2021	1:15 AM	45.7	46	45.7	94	44.1	0	---	0	0	---	45.7	45.9	45.9	29.526
10/21/2021	1:30 AM	45.7	45.8	45.6	94	44.1	0	---	0	0	---	45.7	45.9	45.9	29.521
10/21/2021	1:45 AM	45.5	45.7	45.5	94	43.9	0	---	0	0	---	45.5	45.7	45.7	29.523
10/21/2021	2:00 AM	45	45.5	45	93	43.1	0	---	0	0	---	45	45.2	45.2	29.532
10/21/2021	2:15 AM	44.5	45	44.5	95	43.2	0	---	0	0	---	44.5	44.7	44.7	29.53
10/21/2021	2:30 AM	44.5	44.6	44.4	95	43.2	0	---	0	0	---	44.5	44.7	44.7	29.527
10/21/2021	2:45 AM	44.2	44.5	44.2	95	42.9	0	---	0	0	---	44.2	44.4	44.4	29.53
10/21/2021	3:00 AM	44.3	44.3	44.2	96	43.2	0	---	0	0	---	44.3	44.5	44.5	29.534
10/21/2021	3:15 AM	43.4	44.3	43.4	94	41.8	0	---	0	0	---	43.4	43.5	43.5	29.537
10/21/2021	3:30 AM	42.7	43.4	42.7	95	41.4	0	---	0	0	---	42.7	42.8	42.8	29.537

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/20/2021	6:45 PM	0	0	0.066	0	84.8	33	52.5	83	6.36	0.071	300	8	100	15
10/20/2021	7:00 PM	0	0	0.086	0	84	33	51.8	82.2	6.39	0.0712	299	8	100	15
10/20/2021	7:15 PM	0	0	0.102	0	83.1	32	50.2	81.1	6.29	0.0713	300	8	100	15
10/20/2021	7:30 PM	0	0	0.115	0	82.3	33	50.3	80.4	6.46	0.0714	298	8	100	15
10/20/2021	7:45 PM	0	0	0.125	0	81.3	33	49.4	79.4	6.5	0.0716	300	8	100	15
10/20/2021	8:00 PM	0	0	0.134	0	80.5	33	48.7	78.7	6.53	0.0717	300	8	100	15
10/20/2021	8:15 PM	0	0	0.14	0	79.7	33	48	77.9	6.55	0.0719	300	8	100	15
10/20/2021	8:30 PM	0	0	0.145	0	78.9	33	47.3	77.2	6.55	0.072	300	8	100	15
10/20/2021	8:45 PM	0	0	0.147	0	78.2	34	47.5	76.5	6.69	0.0721	296	8	100	15
10/20/2021	9:00 PM	0	0	0.155	0	77.4	34	46.8	75.8	6.7	0.0722	300	8	100	15
10/20/2021	9:15 PM	0	0	0.155	0	76.8	34	46.3	75.3	6.71	0.0723	300	8	100	15
10/20/2021	9:30 PM	0	0	0.157	0	76.2	34	45.8	74.7	6.73	0.0724	300	8	100	15
10/20/2021	9:45 PM	0	0	0.161	0	75.5	35	45.9	74.1	6.94	0.0725	300	8	100	15
10/20/2021	10:00 PM	0	0	0.165	0	75	35	45.5	73.6	6.95	0.0725	300	8	100	15
10/20/2021	10:15 PM	0	0	0.165	0	74.5	35	45	73.1	6.96	0.0726	299	8	100	15
10/20/2021	10:30 PM	0	0	0.169	0	74	35	44.6	72.5	6.97	0.0727	300	8	100	15
10/20/2021	10:45 PM	0	0	0.175	0	73.6	36	45	72.1	7.11	0.0728	299	8	100	15
10/20/2021	11:00 PM	0	0	0.179	0	73.2	36	44.6	71.6	7.12	0.0728	300	8	100	15
10/20/2021	11:15 PM	0	0	0.18	0	72.7	36	44.2	70.9	7.14	0.0729	300	8	100	15
10/20/2021	11:30 PM	0	0	0.183	0	72.3	36	43.8	70.3	7.16	0.073	299	8	100	15
10/20/2021	11:45 PM	0	0	0.185	0	72	36	43.6	69.9	7.17	0.073	300	8	100	15
10/21/2021	12:00 AM	0	0	0.189	0	71.6	37	43.9	69.4	7.32	0.073	299	8	100	15
10/21/2021	12:15 AM	0	0	0.19	0	71.2	37	43.6	68.8	7.33	0.0731	300	8	100	15
10/21/2021	12:30 AM	0	0	0.193	0	70.9	37	43.3	68.4	7.33	0.0732	299	8	100	15
10/21/2021	12:45 AM	0	0	0.196	0	70.6	37	43.1	68	7.34	0.0732	300	8	100	15
10/21/2021	1:00 AM	0	0	0.198	0	70.3	37	42.8	67.6	7.34	0.0732	300	8	100	15
10/21/2021	1:15 AM	0	0	0.201	0	69.9	37	42.4	67.1	7.35	0.0733	299	8	100	15
10/21/2021	1:30 AM	0	0	0.201	0	69.6	38	42.9	66.9	7.55	0.0733	299	8	100	15
10/21/2021	1:45 AM	0	0	0.203	0	69.3	38	42.6	66.6	7.55	0.0733	299	8	100	15
10/21/2021	2:00 AM	0	0	0.208	0	69	38	42.3	66.3	7.55	0.0734	299	8	100	15
10/21/2021	2:15 AM	0	0	0.214	0	68.8	38	42.1	66.1	7.55	0.0734	299	8	100	15
10/21/2021	2:30 AM	0	0	0.214	0	68.5	38	41.9	65.9	7.55	0.0735	300	8	100	15
10/21/2021	2:45 AM	0	0	0.217	0	68.3	38	41.7	65.7	7.55	0.0735	300	8	100	15
10/21/2021	3:00 AM	0	0	0.216	0	68	38	41.4	65.5	7.55	0.0736	300	8	100	15
10/21/2021	3:15 AM	0	0	0.225	0	67.7	38	41.2	65.2	7.55	0.0736	300	8	100	15
10/21/2021	3:30 AM	0	0	0.232	0	67.4	38	40.9	64.8	7.55	0.0737	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/21/2021	3:45 AM	42.9	43	42.6	96	41.8	0	---	0	0	---	42.9	43	43	29.53
10/21/2021	4:00 AM	42.9	43	42.8	96	41.8	0	---	0	0	---	42.9	43	43	29.53
10/21/2021	4:15 AM	42.7	43	42.7	96	41.6	0	---	0	0	---	42.7	42.8	42.8	29.527
10/21/2021	4:30 AM	42.9	42.9	42.7	97	42.1	0	---	0	0	---	42.9	43.1	43.1	29.526
10/21/2021	4:45 AM	42.9	42.9	42.9	97	42.1	0	---	0	0	---	42.9	43.1	43.1	29.526
10/21/2021	5:00 AM	43.4	43.4	42.9	97	42.6	0	---	0	0	---	43.4	43.6	43.6	29.523
10/21/2021	5:15 AM	43.9	44	43.4	97	43.1	0	---	0	0	---	43.9	44.2	44.2	29.522
10/21/2021	5:30 AM	44.2	44.2	44	97	43.4	0	---	0	0	---	44.2	44.5	44.5	29.522
10/21/2021	5:45 AM	44.3	44.3	44.2	97	43.5	0	---	0	0	---	44.3	44.6	44.6	29.524
10/21/2021	6:00 AM	44.6	44.6	44.3	97	43.8	0	---	0	0	---	44.6	44.9	44.9	29.525
10/21/2021	6:15 AM	44.8	44.9	44.6	96	43.7	0	---	0	0	---	44.8	45	45	29.525
10/21/2021	6:30 AM	45	45	44.7	97	44.2	0	---	0	0	---	45	45.3	45.3	29.528
10/21/2021	6:45 AM	45.7	45.7	44.9	97	44.9	0	NNE	0	2	NNE	45.7	46	46	29.516
10/21/2021	7:00 AM	46	46	45.7	97	45.2	0	---	0	0	---	46	46.3	46.3	29.52
10/21/2021	7:15 AM	45.8	46	45.8	96	44.7	0	---	0	0	---	45.8	46.1	46.1	29.514
10/21/2021	7:30 AM	46	46	45.8	97	45.2	0	NE	0	1	NNE	46	46.3	46.3	29.508
10/21/2021	7:45 AM	46.5	46.5	46	97	45.7	0	---	0	0	---	46.5	46.9	46.9	29.509
10/21/2021	8:00 AM	46.9	46.9	46.4	97	46.1	0	---	0	0	---	46.9	47.3	47.3	29.51
10/21/2021	8:15 AM	48.1	48.1	47.2	97	47.3	0	---	0	0	---	48.1	48.6	48.6	29.511
10/21/2021	8:30 AM	49	49	48.1	96	47.9	0	---	0	0	---	49	49.5	49.5	29.512
10/21/2021	8:45 AM	49.9	49.9	49	95	48.5	0	---	0	0	---	49.9	50.4	50.4	29.517
10/21/2021	9:00 AM	51	51	49.9	95	49.6	0	---	0	0	---	51	51.4	51.4	29.516
10/21/2021	9:15 AM	52.2	52.2	51	92	49.9	0	---	0	0	---	52.2	52.5	52.5	29.524
10/21/2021	9:30 AM	53	53	52.2	92	50.7	0	ENE	0	1	ENE	53	53.2	53.2	29.518
10/21/2021	9:45 AM	53.2	53.3	53	93	51.2	0	WSW	0	3	SW	53.2	53.4	53.4	29.51
10/21/2021	10:00 AM	54	54	53.2	93	52	0	NE	0	1	NE	54	54.2	54.2	29.508
10/21/2021	10:15 AM	54.5	54.6	54	93	52.5	0	---	0	0	---	54.5	54.7	54.7	29.503
10/21/2021	10:30 AM	54.8	54.8	54.6	93	52.8	0	---	0	0	---	54.8	55	55	29.504
10/21/2021	10:45 AM	55	55.1	54.7	93	53	0	SSE	0	2	SE	55	55.2	55.2	29.506
10/21/2021	11:00 AM	55.1	55.2	54.9	93	53.1	0	SSE	0	2	SSE	55.1	55.3	55.3	29.506
10/21/2021	11:15 AM	55.4	55.4	55.1	92	53.1	0	S	0	2	S	55.4	55.6	55.6	29.497
10/21/2021	11:30 AM	56.3	56.3	55.3	93	54.3	0	ESE	0	2	ESE	56.3	56.5	56.5	29.492
10/21/2021	11:45 AM	58	58	56.3	90	55.1	0	ESE	0	1	ESE	58	58.2	58.2	29.484
10/21/2021	12:00 PM	60.7	60.7	58	85	56.2	0	ESE	0	3	E	60.7	60.8	60.8	29.485
10/21/2021	12:15 PM	61.3	61.4	60.7	84	56.4	1	W	0.25	4	SW	61.3	61.4	61.4	29.48
10/21/2021	12:30 PM	62.3	62.3	61.4	84	57.4	0	N	0	2	NW	62.3	62.5	62.5	29.467

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/21/2021	3:45 AM	0	0	0.23	0	67	38	40.5	64.4	7.55	0.0737	300	8	100	15
10/21/2021	4:00 AM	0	0	0.23	0	66.8	39	41	64.3	7.71	0.0737	299	8	100	15
10/21/2021	4:15 AM	0	0	0.232	0	66.6	39	40.9	64.1	7.72	0.0738	299	8	100	15
10/21/2021	4:30 AM	0	0	0.23	0	66.4	39	40.7	63.8	7.72	0.0738	300	8	100	15
10/21/2021	4:45 AM	0	0	0.23	0	66.2	39	40.5	63.6	7.73	0.0738	300	8	100	15
10/21/2021	5:00 AM	0	0	0.225	0	66.1	39	40.4	63.5	7.73	0.0738	300	8	100	15
10/21/2021	5:15 AM	0	0	0.22	0	65.9	40	40.9	63.4	7.83	0.0739	300	8	100	15
10/21/2021	5:30 AM	0	0	0.217	0	65.9	40	40.9	63.4	7.83	0.0739	299	8	100	15
10/21/2021	5:45 AM	0	0	0.216	0	65.8	40	40.8	63.3	7.83	0.0739	299	8	100	15
10/21/2021	6:00 AM	0	0	0.213	0	65.9	40	40.9	63.4	7.83	0.0739	300	8	100	15
10/21/2021	6:15 AM	0	0	0.21	0	65.9	40	40.9	63.4	7.83	0.0739	300	8	100	15
10/21/2021	6:30 AM	0	0	0.208	0	65.9	40	40.9	63.4	7.83	0.0739	300	8	100	15
10/21/2021	6:45 AM	0	0	0.201	0	66	41	41.6	63.6	7.95	0.0738	300	8	100	15
10/21/2021	7:00 AM	0	0	0.198	0	66	41	41.6	63.6	7.95	0.0738	300	8	100	15
10/21/2021	7:15 AM	0	0	0.2	0	66.1	41	41.7	63.7	7.95	0.0738	299	8	100	15
10/21/2021	7:30 AM	0	0	0.198	0	66.2	41	41.8	63.8	7.95	0.0738	300	8	100	15
10/21/2021	7:45 AM	0	0	0.193	0	66.3	41	41.9	63.9	7.95	0.0737	299	8	100	15
10/21/2021	8:00 AM	0	0	0.189	0	66.3	41	41.9	63.9	7.95	0.0737	244	8	83.8	15
10/21/2021	8:15 AM	0	0	0.176	0	66.5	41	42.1	64.1	7.95	0.0737	249	8	85.6	15
10/21/2021	8:30 AM	0	0	0.167	0	66.7	42	42.9	64.5	8.12	0.0737	300	8	100	15
10/21/2021	8:45 AM	0	0	0.157	0	66.9	42	43	64.7	8.11	0.0736	300	8	100	15
10/21/2021	9:00 AM	0	0	0.146	0	67.4	43	44.1	65.3	8.25	0.0735	300	8	100	15
10/21/2021	9:15 AM	0	0	0.133	0	67.8	43	44.5	65.8	8.25	0.0735	299	8	100	15
10/21/2021	9:30 AM	0	0	0.125	0	68.4	43	45	66.3	8.25	0.0734	300	8	100	15
10/21/2021	9:45 AM	0	0	0.123	0	68.8	43	45.4	66.6	8.25	0.0733	300	8	100	15
10/21/2021	10:00 AM	0	0	0.115	0	69.2	43	45.7	67	8.25	0.0732	299	8	100	15
10/21/2021	10:15 AM	0	0	0.109	0	69.8	43	46.3	67.6	8.25	0.0731	300	8	100	15
10/21/2021	10:30 AM	0	0	0.106	0	70.2	43	46.6	68	8.24	0.0731	299	8	100	15
10/21/2021	10:45 AM	0	0	0.104	0	70.7	43	47.1	68.6	8.22	0.073	299	8	100	15
10/21/2021	11:00 AM	0	0	0.103	0	71	43	47.4	69	8.21	0.0729	299	8	100	15
10/21/2021	11:15 AM	0	0	0.1	0	71.4	44	48.3	69.7	8.32	0.0728	299	8	100	15
10/21/2021	11:30 AM	0	0	0.091	0	71.8	44	48.7	70.2	8.31	0.0727	300	8	100	15
10/21/2021	11:45 AM	0	0	0.073	0	72.3	44	49.2	71	8.3	0.0726	298	8	100	15
10/21/2021	12:00 PM	0	0	0.045	0	73	45	50.4	72.1	8.45	0.0725	299	8	100	15
10/21/2021	12:15 PM	0	0	0.039	0	73.6	45	50.9	72.8	8.45	0.0724	300	8	100	15
10/21/2021	12:30 PM	0	0	0.028	0	74.3	45	51.6	73.6	8.45	0.0722	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/21/2021	12:45 PM	63	63.2	62.4	77	55.7	1	SW	0.25	4	SSW	63	63	63	29.466
10/21/2021	1:00 PM	63.2	63.2	63	78	56.2	1	SW	0.25	4	SW	63.2	63.3	63.3	29.462
10/21/2021	1:15 PM	63.5	63.5	63.2	79	56.9	1	WSW	0.25	5	WSW	63.5	63.7	63.7	29.455
10/21/2021	1:30 PM	64.3	64.3	63.4	76	56.6	1	SE	0.25	4	SE	64.3	64.4	64.4	29.442
10/21/2021	1:45 PM	64.6	64.7	64.3	77	57.2	1	WSW	0.25	4	WSW	64.6	64.8	64.8	29.43
10/21/2021	2:00 PM	64.5	64.7	64.4	77	57.1	2	WSW	0.5	6	W	64.5	64.7	64.7	29.425
10/21/2021	2:15 PM	64.9	64.9	64.4	76	57.2	3	SW	0.75	7	WSW	64.9	65.1	65.1	29.419
10/21/2021	2:30 PM	64.5	64.9	64.5	79	57.8	2	WSW	0.5	9	WSW	64.5	64.9	64.9	29.415
10/21/2021	2:45 PM	63.9	64.5	63.8	81	58	2	W	0.5	6	SW	63.9	64.3	64.3	29.411
10/21/2021	3:00 PM	64.2	64.2	63.8	80	57.9	2	WSW	0.5	7	SW	64.2	64.6	64.6	29.408
10/21/2021	3:15 PM	64.9	64.9	64.1	81	58.9	3	SW	0.75	9	WSW	64.9	65.4	65.4	29.406
10/21/2021	3:30 PM	65.5	65.6	64.8	78	58.5	2	SW	0.5	7	WSW	65.5	66	66	29.403
10/21/2021	3:45 PM	65.5	65.9	65.5	78	58.5	2	SW	0.5	5	WSW	65.5	66	66	29.403
10/21/2021	4:00 PM	65	65.5	65	80	58.7	1	SW	0.25	6	WNW	65	65.5	65.5	29.394
10/21/2021	4:15 PM	64.7	65	64.6	81	58.7	1	SW	0.25	4	WSW	64.7	65.2	65.2	29.393
10/21/2021	4:30 PM	64.9	64.9	64.6	81	58.9	1	SW	0.25	6	WSW	64.9	65.4	65.4	29.391
10/21/2021	4:45 PM	65	65	64.8	83	59.7	1	WSW	0.25	4	WSW	65	65.6	65.6	29.382
10/21/2021	5:00 PM	65.5	65.6	65.1	81	59.5	2	SSW	0.5	5	SSW	65.5	66.2	66.2	29.375
10/21/2021	5:15 PM	65.9	65.9	65.6	81	59.9	2	SW	0.5	8	ESE	65.9	66.7	66.7	29.374
10/21/2021	5:30 PM	65.6	65.9	65.6	81	59.6	1	SSW	0.25	8	WNW	65.6	66.3	66.3	29.372
10/21/2021	5:45 PM	65.5	65.7	65.5	83	60.2	0	WSW	0	3	WSW	65.5	66.2	66.2	29.366
10/21/2021	6:00 PM	65	65.5	65	84	60	0	SW	0	3	SW	65	65.7	65.7	29.367
10/21/2021	6:15 PM	64.2	65	64.2	86	59.9	0	---	0	0	---	64.2	64.8	64.8	29.362
10/21/2021	6:30 PM	63.2	64.2	63.2	87	59.3	0	---	0	0	---	63.2	63.7	63.7	29.36
10/21/2021	6:45 PM	61.9	63.2	61.9	90	58.9	0	---	0	0	---	61.9	62.5	62.5	29.349
10/21/2021	7:00 PM	60.8	61.9	60.8	90	57.8	0	---	0	0	---	60.8	61.2	61.2	29.35
10/21/2021	7:15 PM	60.1	60.8	60.1	92	57.8	0	---	0	0	---	60.1	60.5	60.5	29.353
10/21/2021	7:30 PM	59.6	60.2	59.6	93	57.6	0	---	0	0	---	59.6	60	60	29.354
10/21/2021	7:45 PM	59.1	59.6	59	94	57.4	0	---	0	0	---	59.1	59.5	59.5	29.348
10/21/2021	8:00 PM	59.3	59.3	59	94	57.6	0	---	0	0	---	59.3	59.8	59.8	29.343
10/21/2021	8:15 PM	59.1	59.3	59.1	95	57.7	0	---	0	0	---	59.1	59.6	59.6	29.343
10/21/2021	8:30 PM	59.1	59.3	59	95	57.7	0	---	0	0	---	59.1	59.6	59.6	29.336
10/21/2021	8:45 PM	58.9	59.1	58.9	95	57.5	0	---	0	0	---	58.9	59.4	59.4	29.342
10/21/2021	9:00 PM	60.1	60.2	58.9	97	59.2	1	NW	0.25	3	WNW	60.1	60.9	60.9	29.355
10/21/2021	9:15 PM	61.2	61.2	60.2	97	60.3	0	W	0	3	ENE	61.2	62.2	62.2	29.36
10/21/2021	9:30 PM	61.6	61.8	61.3	96	60.4	1	W	0.25	4	WNW	61.6	62.5	62.5	29.363

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/21/2021	12:45 PM	0	0	0.021	0	75.1	45	52.3	74.5	8.45	0.0721	298	8	100	15
10/21/2021	1:00 PM	0	0	0.019	0	75.8	45	52.9	75.2	8.43	0.072	298	8	100	15
10/21/2021	1:15 PM	0	0	0.016	0	76.4	45	53.5	75.8	8.42	0.0719	300	8	100	15
10/21/2021	1:30 PM	0	0	0.007	0	77	45	54	76.4	8.41	0.0717	300	8	100	15
10/21/2021	1:45 PM	0	0	0.004	0	77.6	45	54.6	76.9	8.4	0.0716	298	8	100	15
10/21/2021	2:00 PM	0	0	0.005	0	78.2	44	54.5	77.4	8.19	0.0715	300	8	100	15
10/21/2021	2:15 PM	0	0	0.001	0	78.6	44	54.9	77.8	8.18	0.0714	300	8	100	15
10/21/2021	2:30 PM	0	0	0.005	0	78.9	44	55.1	78.2	8.17	0.0714	300	8	100	15
10/21/2021	2:45 PM	0	0	0.011	0	79.2	44	55.4	78.5	8.17	0.0713	300	8	100	15
10/21/2021	3:00 PM	0	0	0.008	0	79.3	44	55.5	78.6	8.16	0.0713	299	8	100	15
10/21/2021	3:15 PM	0	0	0.001	0	79.5	44	55.7	78.8	8.16	0.0712	300	8	100	15
10/21/2021	3:30 PM	0	0	0	0.005	79.8	44	55.9	79.1	8.15	0.0712	299	8	100	15
10/21/2021	3:45 PM	0	0	0	0.005	80.2	44	56.3	79.5	8.15	0.0711	300	8	100	15
10/21/2021	4:00 PM	0	0	0	0	80.6	44	56.7	79.9	8.15	0.071	300	8	100	15
10/21/2021	4:15 PM	0	0	0.003	0	80.7	44	56.8	80	8.15	0.071	300	8	100	15
10/21/2021	4:30 PM	0	0	0.001	0	80.8	44	56.9	80.1	8.15	0.071	300	8	100	15
10/21/2021	4:45 PM	0	0	0	0	80.8	44	56.9	80.1	8.15	0.071	300	8	100	15
10/21/2021	5:00 PM	0	0	0	0.005	81	44	57	80.4	8.15	0.0709	299	8	100	15
10/21/2021	5:15 PM	0	0	0	0.009	81.2	44	57.2	80.6	8.15	0.0709	300	8	100	15
10/21/2021	5:30 PM	0	0	0	0.006	81.3	44	57.3	80.7	8.15	0.0709	299	8	100	15
10/21/2021	5:45 PM	0	0	0	0.005	81.4	44	57.4	80.8	8.15	0.0708	299	8	100	15
10/21/2021	6:00 PM	0	0	0	0	81.6	44	57.6	81.1	8.15	0.0708	300	8	100	15
10/21/2021	6:15 PM	0	0	0.008	0	81.6	44	57.6	81.1	8.15	0.0708	300	8	100	15
10/21/2021	6:30 PM	0	0	0.019	0	81.6	44	57.6	81.1	8.15	0.0708	300	8	100	15
10/21/2021	6:45 PM	0	0	0.032	0	81.5	43	56.8	80.8	8.02	0.0708	300	8	100	15
10/21/2021	7:00 PM	0	0	0.044	0	81.3	43	56.7	80.6	8.02	0.0708	300	8	100	15
10/21/2021	7:15 PM	0	0	0.051	0	81	43	56.4	80.2	8.03	0.0709	299	8	100	15
10/21/2021	7:30 PM	0	0	0.056	0	80.8	43	56.2	80	8.03	0.0709	298	8	100	15
10/21/2021	7:45 PM	0	0	0.061	0	80.5	43	55.9	79.7	8.04	0.071	298	8	100	15
10/21/2021	8:00 PM	0	0	0.059	0	80.3	43	55.8	79.5	8.04	0.071	300	8	100	15
10/21/2021	8:15 PM	0	0	0.061	0	80	44	56.1	79.3	8.15	0.071	300	8	100	15
10/21/2021	8:30 PM	0	0	0.061	0	79.8	44	55.9	79.1	8.15	0.071	299	8	100	15
10/21/2021	8:45 PM	0	0	0.064	0	79.6	44	55.8	78.9	8.16	0.0711	300	8	100	15
10/21/2021	9:00 PM	0	0	0.051	0	79.4	44	55.6	78.7	8.16	0.0711	300	8	100	15
10/21/2021	9:15 PM	0.16	3.37	0.04	0	79.2	44	55.4	78.5	8.17	0.0712	299	8	100	15
10/21/2021	9:30 PM	0	0	0.035	0	78.9	45	55.8	78.3	8.37	0.0712	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/21/2021	9:45 PM	61.4	61.6	61.3	96	60.2	0	SE	0	3	SE	61.4	62.3	62.3	29.37
10/21/2021	10:00 PM	61.4	61.5	61.3	96	60.2	0	ESE	0	2	ESE	61.4	62.3	62.3	29.367
10/21/2021	10:15 PM	61.2	61.5	61.2	96	60.1	0	---	0	0	---	61.2	62	62	29.364
10/21/2021	10:30 PM	61	61.2	61	96	59.9	0	---	0	0	---	61	61.8	61.8	29.368
10/21/2021	10:45 PM	60.9	61.1	60.9	97	60	0	---	0	0	---	60.9	61.8	61.8	29.37
10/21/2021	11:00 PM	60.9	61	60.9	97	60	0	---	0	0	---	60.9	61.8	61.8	29.374
10/21/2021	11:15 PM	60.8	61	60.8	97	59.9	0	ESE	0	2	ESE	60.8	61.7	61.7	29.369
10/21/2021	11:30 PM	60.5	60.9	60.5	97	59.6	0	SE	0	2	SE	60.5	61.4	61.4	29.368
10/21/2021	11:45 PM	60.3	60.6	60.2	96	59.2	0	E	0	1	E	60.3	61	61	29.361
10/22/2021	12:00 AM	59.6	60.2	59.6	96	58.5	0	---	0	0	---	59.6	60.3	60.3	29.355
10/22/2021	12:15 AM	59.4	59.6	59.4	97	58.5	0	---	0	0	---	59.4	60.1	60.1	29.356
10/22/2021	12:30 AM	59	59.5	59	96	57.9	0	ENE	0	2	ENE	59	59.6	59.6	29.356
10/22/2021	12:45 AM	58.4	59	58.3	97	57.6	0	---	0	0	---	58.4	59	59	29.356
10/22/2021	1:00 AM	58.4	58.5	58.3	98	57.8	0	---	0	0	---	58.4	59.1	59.1	29.346
10/22/2021	1:15 AM	58.3	58.6	58.3	97	57.5	0	---	0	0	---	58.3	58.9	58.9	29.34
10/22/2021	1:30 AM	58	58.3	58	97	57.2	0	---	0	0	---	58	58.6	58.6	29.34
10/22/2021	1:45 AM	58	58	57.9	98	57.4	0	---	0	0	---	58	58.7	58.7	29.336
10/22/2021	2:00 AM	58.3	58.3	57.9	98	57.7	0	---	0	0	---	58.3	59	59	29.333
10/22/2021	2:15 AM	58.8	58.8	58.3	98	58.2	0	---	0	0	---	58.8	59.6	59.6	29.331
10/22/2021	2:30 AM	59.3	59.3	58.8	98	58.7	1	NNW	0.25	5	NNW	59.3	60.1	60.1	29.334
10/22/2021	2:45 AM	58.3	59.3	58.3	93	56.3	2	WNW	0.5	6	W	58.3	58.6	58.6	29.332
10/22/2021	3:00 AM	57.9	58.4	57.8	92	55.6	1	WNW	0.25	6	W	57.9	58.2	58.2	29.331
10/22/2021	3:15 AM	57.4	57.8	57.3	92	55.1	1	W	0.25	4	W	57.4	57.6	57.6	29.333
10/22/2021	3:30 AM	57.1	57.4	57.1	92	54.8	1	SSW	0.25	4	ESE	57.1	57.3	57.3	29.336
10/22/2021	3:45 AM	56.5	57.1	56.5	89	53.3	1	W	0.25	8	WSW	56.5	56.5	56.5	29.336
10/22/2021	4:00 AM	56.1	56.6	56.1	92	53.8	0	N	0	2	SW	56.1	56.3	56.3	29.336
10/22/2021	4:15 AM	55.5	56.1	55.5	93	53.5	0	ENE	0	1	ENE	55.5	55.7	55.7	29.337
10/22/2021	4:30 AM	55	55.5	54.9	95	53.6	1	ESE	0.25	2	ESE	55	55.3	55.3	29.339
10/22/2021	4:45 AM	54.5	54.9	54.5	95	53.1	0	---	0	0	---	54.5	54.8	54.8	29.338
10/22/2021	5:00 AM	54	54.5	54	96	52.9	0	---	0	0	---	54	54.4	54.4	29.337
10/22/2021	5:15 AM	53.9	54	53.8	96	52.8	0	---	0	0	---	53.9	54.3	54.3	29.336
10/22/2021	5:30 AM	53.4	53.9	53.4	96	52.3	0	---	0	0	---	53.4	53.8	53.8	29.334
10/22/2021	5:45 AM	52.5	53.4	52.5	95	51.1	0	---	0	0	---	52.5	52.8	52.8	29.339
10/22/2021	6:00 AM	51.6	52.4	51.6	95	50.2	0	---	0	0	---	51.6	52	52	29.338
10/22/2021	6:15 AM	51.2	51.7	51.1	96	50.1	0	---	0	0	---	51.2	51.6	51.6	29.342
10/22/2021	6:30 AM	51	51.2	51	97	50.2	0	---	0	0	---	51	51.5	51.5	29.344

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/21/2021	9:45 PM	0	0	0.037	0	78.8	45	55.7	78.2	8.37	0.0712	299	8	100	15
10/21/2021	10:00 PM	0	0	0.037	0	78.8	46	56.3	78.3	8.47	0.0712	299	8	100	15
10/21/2021	10:15 PM	0	0	0.04	0	78.8	46	56.3	78.3	8.47	0.0712	300	8	100	15
10/21/2021	10:30 PM	0.04	0.44	0.042	0	78.8	46	56.3	78.3	8.47	0.0712	300	8	100	15
10/21/2021	10:45 PM	0	0	0.043	0	78.9	46	56.4	78.4	8.47	0.0712	300	8	100	15
10/21/2021	11:00 PM	0	0	0.043	0	78.9	46	56.4	78.4	8.47	0.0712	299	8	100	15
10/21/2021	11:15 PM	0	0	0.044	0	78.9	46	56.4	78.4	8.47	0.0712	299	8	100	15
10/21/2021	11:30 PM	0	0	0.047	0	78.9	46	56.4	78.4	8.47	0.0712	300	8	100	15
10/21/2021	11:45 PM	0	0	0.049	0	78.8	47	56.9	78.4	8.67	0.0712	299	8	100	15
10/22/2021	12:00 AM	0	0	0.056	0	78.7	47	56.8	78.3	8.68	0.0712	300	8	100	15
10/22/2021	12:15 AM	0	0	0.058	0	78.6	47	56.7	78.2	8.68	0.0712	299	8	100	15
10/22/2021	12:30 AM	0	0	0.063	0	78.5	47	56.6	78.1	8.68	0.0712	300	8	100	15
10/22/2021	12:45 AM	0	0	0.069	0	78.3	47	56.4	77.9	8.68	0.0712	300	8	100	15
10/22/2021	1:00 AM	0	0	0.069	0	78.3	47	56.4	77.9	8.68	0.0712	299	8	100	15
10/22/2021	1:15 AM	0	0	0.07	0	78.1	47	56.2	77.7	8.69	0.0712	299	8	100	15
10/22/2021	1:30 AM	0	0	0.073	0	78	47	56.1	77.6	8.69	0.0713	300	8	100	15
10/22/2021	1:45 AM	0	0	0.073	0	77.9	47	56	77.5	8.69	0.0713	300	8	100	15
10/22/2021	2:00 AM	0	0	0.07	0	77.8	47	56	77.4	8.69	0.0713	300	8	100	15
10/22/2021	2:15 AM	0	0	0.065	0	77.8	47	56	77.4	8.69	0.0713	299	8	100	15
10/22/2021	2:30 AM	0	0	0.059	0	77.8	47	56	77.4	8.69	0.0713	298	8	100	15
10/22/2021	2:45 AM	0.01	0	0.07	0	77.7	47	55.9	77.3	8.7	0.0713	299	8	100	15
10/22/2021	3:00 AM	0	0	0.074	0	77.5	47	55.7	77.1	8.7	0.0713	300	8	100	15
10/22/2021	3:15 AM	0	0	0.079	0	77.1	47	55.3	76.7	8.71	0.0714	300	8	100	15
10/22/2021	3:30 AM	0	0	0.082	0	76.8	47	55	76.4	8.71	0.0715	299	8	100	15
10/22/2021	3:45 AM	0	0	0.089	0	76.5	47	54.8	76.1	8.72	0.0715	300	8	100	15
10/22/2021	4:00 AM	0	0	0.093	0	76.2	47	54.5	75.8	8.73	0.0716	299	8	100	15
10/22/2021	4:15 AM	0	0	0.099	0	76	47	54.3	75.6	8.73	0.0716	300	8	100	15
10/22/2021	4:30 AM	0	0	0.104	0	75.8	47	54.1	75.4	8.73	0.0716	299	8	100	15
10/22/2021	4:45 AM	0	0	0.109	0	75.7	47	54	75.3	8.74	0.0716	300	8	100	15
10/22/2021	5:00 AM	0	0	0.115	0	75.5	47	53.9	75.1	8.74	0.0717	299	8	100	15
10/22/2021	5:15 AM	0	0	0.116	0	75.3	48	54.3	75	8.94	0.0717	300	8	100	15
10/22/2021	5:30 AM	0	0	0.121	0	75.2	48	54.2	74.9	8.95	0.0717	300	8	100	15
10/22/2021	5:45 AM	0	0	0.13	0	74.9	47	53.3	74.5	8.75	0.0718	300	8	100	15
10/22/2021	6:00 AM	0	0	0.14	0	74.7	47	53.1	74.3	8.75	0.0718	300	8	100	15
10/22/2021	6:15 AM	0	0	0.144	0	74.4	47	52.9	73.9	8.75	0.0719	299	8	100	15
10/22/2021	6:30 AM	0	0	0.146	0	74.1	47	52.6	73.6	8.75	0.0719	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/22/2021	6:45 AM	51	51.1	50.9	97	50.2	0	---	0	0	---	51	51.5	51.5	29.346
10/22/2021	7:00 AM	51.2	51.2	51	98	50.7	0	---	0	0	---	51.2	51.7	51.7	29.346
10/22/2021	7:15 AM	51.4	51.4	51.2	98	50.9	0	ESE	0	2	ESE	51.4	51.9	51.9	29.351
10/22/2021	7:30 AM	51.6	51.7	51.3	98	51.1	0	SSE	0	2	SSE	51.6	52.1	52.1	29.361
10/22/2021	7:45 AM	51.6	51.7	51.6	98	51.1	0	---	0	0	---	51.6	52.1	52.1	29.36
10/22/2021	8:00 AM	51.7	51.7	51.6	97	50.9	0	---	0	0	---	51.7	52.2	52.2	29.358
10/22/2021	8:15 AM	51.8	51.8	51.6	97	51	0	---	0	0	---	51.8	52.3	52.3	29.364
10/22/2021	8:30 AM	52	52	51.8	97	51.2	0	---	0	0	---	52	52.5	52.5	29.369
10/22/2021	8:45 AM	52.3	52.4	52	95	50.9	0	---	0	0	---	52.3	52.7	52.7	29.371
10/22/2021	9:00 AM	53	53	52.3	95	51.6	0	---	0	0	---	53	53.3	53.3	29.376
10/22/2021	9:15 AM	53.5	53.5	53	93	51.5	0	---	0	0	---	53.5	53.7	53.7	29.377
10/22/2021	9:30 AM	53.8	53.9	53.4	89	50.6	0	SSW	0	1	SSW	53.8	53.9	53.9	29.38
10/22/2021	9:45 AM	54	54.1	53.8	89	50.8	0	SSW	0	2	SSW	54	54.1	54.1	29.385
10/22/2021	10:00 AM	54.1	54.1	54	89	50.9	0	SSW	0	2	SSW	54.1	54.2	54.2	29.386
10/22/2021	10:15 AM	54.3	54.4	54.1	86	50.2	0	SSW	0	2	SSW	54.3	54.2	54.2	29.391
10/22/2021	10:30 AM	54.8	54.8	54.3	85	50.4	0	SSW	0	2	SSW	54.8	54.6	54.6	29.392
10/22/2021	10:45 AM	55.2	55.2	54.8	82	49.8	0	SSE	0	3	SSE	55.2	54.9	54.9	29.397
10/22/2021	11:00 AM	55.8	55.8	55.2	82	50.4	0	SSE	0	3	SSE	55.8	55.5	55.5	29.395
10/22/2021	11:15 AM	56	56.1	55.7	79	49.6	1	WSW	0.25	3	SW	56	55.6	55.6	29.398
10/22/2021	11:30 AM	56.4	56.5	56	78	49.6	1	W	0.25	3	W	56.4	56	56	29.397
10/22/2021	11:45 AM	56.7	56.7	56.4	78	49.9	1	WSW	0.25	3	WSW	56.7	56.3	56.3	29.395
10/22/2021	12:00 PM	57.2	57.3	56.7	78	50.4	2	SE	0.5	8	WSW	57.2	56.8	56.8	29.399
10/22/2021	12:15 PM	57	57.3	57	78	50.2	2	WSW	0.5	5	SW	57	56.6	56.6	29.397
10/22/2021	12:30 PM	57.7	57.7	56.9	78	50.9	1	ESE	0.25	5	SE	57.7	57.3	57.3	29.391
10/22/2021	12:45 PM	57.3	57.7	57.3	78	50.5	1	W	0.25	4	WSW	57.3	56.9	56.9	29.389
10/22/2021	1:00 PM	57	57.3	57	77	49.9	1	SW	0.25	3	SW	57	56.5	56.5	29.388
10/22/2021	1:15 PM	57.5	57.5	56.9	79	51	0	WSW	0	3	ENE	57.5	57.1	57.1	29.378
10/22/2021	1:30 PM	57.9	58	57.4	75	50	1	WSW	0.25	4	SSW	57.9	57.3	57.3	29.371
10/22/2021	1:45 PM	57.7	57.9	57.7	73	49.1	0	WSW	0	3	SSW	57.7	57	57	29.366
10/22/2021	2:00 PM	57.8	57.8	57.7	74	49.6	0	---	0	0	---	57.8	57.1	57.1	29.36
10/22/2021	2:15 PM	58.1	58.2	57.8	74	49.9	0	NNE	0	2	NNE	58.1	57.4	57.4	29.356
10/22/2021	2:30 PM	58.3	58.3	58	76	50.8	0	NNE	0	2	NNE	58.3	57.8	57.8	29.358
10/22/2021	2:45 PM	59.1	59.1	58.3	74	50.8	1	NNW	0.25	3	NW	59.1	58.4	58.4	29.357
10/22/2021	3:00 PM	59.4	59.5	59.1	71	50	0	SW	0	3	SW	59.4	58.6	58.6	29.355
10/22/2021	3:15 PM	59.6	59.6	59.3	71	50.2	0	NW	0	3	WNW	59.6	58.8	58.8	29.347
10/22/2021	3:30 PM	59.8	59.9	59.6	69	49.6	1	SW	0.25	8	ESE	59.8	58.9	58.9	29.344

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/22/2021	6:45 AM	0	0	0.146	0	73.8	47	52.3	73.3	8.75	0.072	300	8	100	15
10/22/2021	7:00 AM	0	0	0.144	0	73.6	47	52.1	73	8.75	0.072	299	8	100	15
10/22/2021	7:15 AM	0	0	0.142	0	73.5	47	52	72.9	8.75	0.072	300	8	100	15
10/22/2021	7:30 AM	0	0	0.14	0	73.2	47	51.8	72.5	8.75	0.0721	300	8	100	15
10/22/2021	7:45 AM	0	0	0.14	0	73.1	47	51.7	72.4	8.75	0.0721	300	8	100	15
10/22/2021	8:00 AM	0	0	0.139	0	73	47	51.6	72.3	8.75	0.0721	299	8	100	15
10/22/2021	8:15 AM	0	0	0.138	0	72.8	48	52	72.1	8.91	0.0722	300	8	100	15
10/22/2021	8:30 AM	0	0	0.135	0	72.7	48	51.9	71.9	8.9	0.0722	299	8	100	15
10/22/2021	8:45 AM	0	0	0.132	0	72.8	48	52	72.1	8.91	0.0722	300	8	100	15
10/22/2021	9:00 AM	0	0	0.125	0	72.9	48	52.1	72.2	8.91	0.0722	300	8	100	15
10/22/2021	9:15 AM	0	0	0.12	0	73	48	52.1	72.3	8.91	0.0722	300	8	100	15
10/22/2021	9:30 AM	0	0	0.117	0	73.1	48	52.2	72.5	8.91	0.0722	299	8	100	15
10/22/2021	9:45 AM	0	0	0.115	0	73.3	48	52.4	72.7	8.92	0.0721	299	8	100	15
10/22/2021	10:00 AM	0	0	0.114	0	73.4	48	52.5	72.8	8.92	0.0721	300	8	100	15
10/22/2021	10:15 AM	0	0	0.111	0	73.5	48	52.6	73	8.92	0.0721	299	8	100	15
10/22/2021	10:30 AM	0	0	0.106	0	73.5	48	52.6	73	8.92	0.0721	300	8	100	15
10/22/2021	10:45 AM	0	0	0.102	0	73.6	48	52.7	73.1	8.92	0.0721	300	8	100	15
10/22/2021	11:00 AM	0	0	0.096	0	73.8	48	52.9	73.3	8.93	0.0721	300	8	100	15
10/22/2021	11:15 AM	0	0	0.094	0	74.1	48	53.2	73.7	8.93	0.072	298	8	100	15
10/22/2021	11:30 AM	0	0	0.09	0	74.3	48	53.3	73.9	8.94	0.072	298	8	100	15
10/22/2021	11:45 AM	0	0	0.086	0	74.6	48	53.6	74.3	8.94	0.0719	299	8	100	15
10/22/2021	12:00 PM	0	0	0.081	0	74.8	48	53.8	74.5	8.95	0.0719	300	8	100	15
10/22/2021	12:15 PM	0	0	0.083	0	75	47	53.4	74.6	8.75	0.0719	299	8	100	15
10/22/2021	12:30 PM	0	0	0.076	0	75.1	47	53.5	74.7	8.75	0.0719	300	8	100	15
10/22/2021	12:45 PM	0	0	0.08	0	75.3	47	53.7	74.9	8.74	0.0718	300	8	100	15
10/22/2021	1:00 PM	0	0	0.083	0	75.4	47	53.8	75	8.74	0.0718	300	8	100	15
10/22/2021	1:15 PM	0	0	0.078	0	75.5	47	53.9	75.1	8.74	0.0718	300	8	100	15
10/22/2021	1:30 PM	0	0	0.074	0	75.7	46	53.4	75.2	8.54	0.0717	299	8	100	15
10/22/2021	1:45 PM	0	0	0.076	0	75.8	46	53.5	75.3	8.53	0.0717	300	8	100	15
10/22/2021	2:00 PM	0	0	0.075	0	76	46	53.7	75.5	8.53	0.0717	300	8	100	15
10/22/2021	2:15 PM	0	0	0.072	0	76.2	46	53.9	75.7	8.53	0.0716	300	8	100	15
10/22/2021	2:30 PM	0	0	0.07	0	76.2	46	53.9	75.7	8.53	0.0716	300	8	100	15
10/22/2021	2:45 PM	0	0	0.061	0	76.4	46	54.1	75.9	8.52	0.0716	300	8	100	15
10/22/2021	3:00 PM	0	0	0.058	0	76.6	46	54.3	76.1	8.52	0.0716	299	8	100	15
10/22/2021	3:15 PM	0	0	0.056	0	76.8	45	53.8	76.2	8.41	0.0715	300	8	100	15
10/22/2021	3:30 PM	0	0	0.054	0	77	45	54	76.4	8.41	0.0715	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/22/2021	3:45 PM	60.3	60.4	59.8	66	48.9	2	SSW	0.5	10	SSE	60.3	59.3	59.3	29.345
10/22/2021	4:00 PM	61.1	61.1	60.2	64	48.8	1	SW	0.25	7	WNW	61.1	60	60	29.343
10/22/2021	4:15 PM	60.7	61.1	60.7	63	48	3	SW	0.75	8	W	60.7	59.5	59.5	29.342
10/22/2021	4:30 PM	60	60.7	60	64	47.8	2	SW	0.5	6	W	60	58.8	58.8	29.345
10/22/2021	4:45 PM	60.1	60.1	59.9	65	48.3	2	WSW	0.5	5	WSW	60.1	59	59	29.344
10/22/2021	5:00 PM	60.1	60.2	60	67	49.1	1	WSW	0.25	7	WSW	60.1	59.1	59.1	29.343
10/22/2021	5:15 PM	59.6	60.2	59.6	67	48.6	1	WSW	0.25	5	SW	59.6	58.6	58.6	29.344
10/22/2021	5:30 PM	59.1	59.6	59	74	50.8	1	WSW	0.25	4	SSW	59.1	58.4	58.4	29.342
10/22/2021	5:45 PM	58.8	59.1	58.8	71	49.4	1	WSW	0.25	4	WSW	58.8	58	58	29.343
10/22/2021	6:00 PM	58.6	58.8	58.6	79	52.1	0	WSW	0	2	NNW	58.6	58.3	58.3	29.344
10/22/2021	6:15 PM	57.9	58.6	57.8	73	49.3	1	W	0.25	4	WSW	57.9	57.2	57.2	29.348
10/22/2021	6:30 PM	57.5	57.9	57.5	74	49.3	1	WSW	0.25	4	SW	57.5	56.8	56.8	29.351
10/22/2021	6:45 PM	57.1	57.5	57.1	75	49.2	0	W	0	4	WNW	57.1	56.5	56.5	29.351
10/22/2021	7:00 PM	56.7	57.1	56.6	74	48.5	1	SW	0.25	6	SW	56.7	56	56	29.358
10/22/2021	7:15 PM	56.1	56.7	56	75	48.3	1	WSW	0.25	4	NW	56.1	55.5	55.5	29.362
10/22/2021	7:30 PM	56	56.1	55.9	75	48.2	1	WSW	0.25	7	W	56	55.4	55.4	29.363
10/22/2021	7:45 PM	55.8	56	55.8	77	48.7	0	WSW	0	5	SW	55.8	55.3	55.3	29.369
10/22/2021	8:00 PM	55.7	55.8	55.7	76	48.2	1	WSW	0.25	4	WSW	55.7	55.2	55.2	29.371
10/22/2021	8:15 PM	55.6	55.7	55.5	75	47.8	1	W	0.25	3	WSW	55.6	55	55	29.375
10/22/2021	8:30 PM	55.4	55.6	55.4	76	48	1	SW	0.25	2	W	55.4	54.9	54.9	29.379
10/22/2021	8:45 PM	55.3	55.5	55.3	75	47.5	1	WSW	0.25	4	SW	55.3	54.7	54.7	29.386
10/22/2021	9:00 PM	55.3	55.4	55.3	75	47.5	2	SW	0.5	5	WSW	55.3	54.7	54.7	29.39
10/22/2021	9:15 PM	55.1	55.4	55.1	79	48.7	1	SW	0.25	6	W	55.1	54.7	54.7	29.389
10/22/2021	9:30 PM	54.7	55.1	54.7	76	47.3	0	SSW	0	2	S	54.7	54.2	54.2	29.388
10/22/2021	9:45 PM	54.5	54.7	54.4	77	47.4	1	WSW	0.25	4	WSW	54.5	54	54	29.387
10/22/2021	10:00 PM	54.3	54.5	54.3	75	46.5	1	WSW	0.25	4	SW	54.3	53.7	53.7	29.392
10/22/2021	10:15 PM	54	54.3	54	79	47.6	0	W	0	3	E	54	53.6	53.6	29.393
10/22/2021	10:30 PM	53.5	54	53.5	82	48.1	0	ESE	0	3	E	53.5	53.3	53.3	29.392
10/22/2021	10:45 PM	53.2	53.5	53.2	83	48.2	0	ESE	0	1	ESE	53.2	53	53	29.396
10/22/2021	11:00 PM	53	53.2	52.9	81	47.3	0	ESE	0	2	ESE	53	52.7	52.7	29.397
10/22/2021	11:15 PM	52.9	53	52.9	81	47.2	0	ESE	0	2	ESE	52.9	52.7	52.7	29.398
10/22/2021	11:30 PM	53.1	53.1	52.9	80	47.1	1	SW	0.25	5	SSW	53.1	52.8	52.8	29.395
10/22/2021	11:45 PM	53	53.1	52.9	81	47.3	0	W	0	3	W	53	52.7	52.7	29.391
10/23/2021	12:00 AM	52.7	53	52.7	83	47.7	0	NE	0	1	W	52.7	52.5	52.5	29.391
10/23/2021	12:15 AM	52.6	52.7	52.5	80	46.6	0	WSW	0	3	SW	52.6	52.3	52.3	29.391
10/23/2021	12:30 AM	52.6	52.7	52.6	79	46.3	1	WSW	0.25	3	WSW	52.6	52.3	52.3	29.39

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/22/2021	3:45 PM	0	0	0.049	0	77.2	45	54.2	76.6	8.41	0.0715	300	8	100	15
10/22/2021	4:00 PM	0	0	0.041	0	77.4	45	54.4	76.8	8.4	0.0714	300	8	100	15
10/22/2021	4:15 PM	0	0	0.045	0	77.7	45	54.7	77	8.4	0.0714	300	8	100	15
10/22/2021	4:30 PM	0	0	0.052	0	77.8	44	54.1	77	8.19	0.0714	299	8	100	15
10/22/2021	4:45 PM	0	0	0.051	0	78	44	54.3	77.2	8.19	0.0713	300	8	100	15
10/22/2021	5:00 PM	0	0	0.051	0	78	44	54.3	77.2	8.19	0.0713	300	8	100	15
10/22/2021	5:15 PM	0	0	0.056	0	78.1	43	53.8	77.2	8.05	0.0713	300	8	100	15
10/22/2021	5:30 PM	0	0	0.061	0	78	43	53.7	77.1	8.05	0.0714	299	8	100	15
10/22/2021	5:45 PM	0	0	0.065	0	78	43	53.7	77.1	8.05	0.0714	300	8	100	15
10/22/2021	6:00 PM	0	0	0.067	0	77.9	42	53	76.9	7.89	0.0714	300	8	100	15
10/22/2021	6:15 PM	0	0	0.074	0	77.7	42	52.8	76.7	7.9	0.0714	298	8	100	15
10/22/2021	6:30 PM	0	0	0.078	0	77.5	42	52.6	76.6	7.9	0.0715	299	8	100	15
10/22/2021	6:45 PM	0	0	0.082	0	77.2	42	52.3	76.3	7.91	0.0715	300	8	100	15
10/22/2021	7:00 PM	0	0	0.086	0	77	42	52.1	76.1	7.91	0.0716	300	8	100	15
10/22/2021	7:15 PM	0	0	0.093	0	76.7	42	51.9	75.8	7.92	0.0716	299	8	100	15
10/22/2021	7:30 PM	0	0	0.094	0	76.3	41	50.9	75.3	7.75	0.0717	300	8	100	15
10/22/2021	7:45 PM	0	0	0.096	0	76	42	51.2	75.1	7.93	0.0718	300	8	100	15
10/22/2021	8:00 PM	0	0	0.097	0	75.8	42	51.1	74.9	7.93	0.0718	300	8	100	15
10/22/2021	8:15 PM	0	0	0.098	0	75.5	42	50.8	74.6	7.94	0.0719	299	8	100	15
10/22/2021	8:30 PM	0	0	0.1	0	75.4	42	50.7	74.5	7.94	0.0719	300	8	100	15
10/22/2021	8:45 PM	0	0	0.101	0	75.2	42	50.5	74.3	7.95	0.072	300	8	100	15
10/22/2021	9:00 PM	0	0	0.101	0	74.9	41	49.6	73.9	7.75	0.072	297	8	100	15
10/22/2021	9:15 PM	0	0	0.103	0	74.7	41	49.4	73.7	7.76	0.0721	300	8	100	15
10/22/2021	9:30 PM	0	0	0.107	0	74.5	42	49.9	73.6	7.96	0.0721	300	8	100	15
10/22/2021	9:45 PM	0	0	0.109	0	74.3	42	49.7	73.3	7.96	0.0721	300	8	100	15
10/22/2021	10:00 PM	0	0	0.111	0	74.1	42	49.5	73.1	7.97	0.0721	300	8	100	15
10/22/2021	10:15 PM	0	0	0.115	0	74	42	49.4	73	7.97	0.0722	299	8	100	15
10/22/2021	10:30 PM	0	0	0.12	0	73.8	42	49.3	72.8	7.97	0.0722	300	8	100	15
10/22/2021	10:45 PM	0	0	0.123	0	73.6	42	49.1	72.5	7.98	0.0722	300	8	100	15
10/22/2021	11:00 PM	0	0	0.125	0	73.5	42	49	72.4	7.98	0.0723	300	8	100	15
10/22/2021	11:15 PM	0	0	0.126	0	73.4	42	48.9	72.3	7.98	0.0723	299	8	100	15
10/22/2021	11:30 PM	0	0	0.124	0	73.3	42	48.8	72.2	7.98	0.0723	299	8	100	15
10/22/2021	11:45 PM	0	0	0.125	0	73.2	42	48.7	72.1	7.99	0.0723	300	8	100	15
10/23/2021	12:00 AM	0	0	0.128	0	73	42	48.5	71.9	7.99	0.0723	299	8	100	15
10/23/2021	12:15 AM	0	0	0.129	0	73	42	48.5	71.9	7.99	0.0723	300	8	100	15
10/23/2021	12:30 AM	0	0	0.129	0	72.9	42	48.5	71.7	7.99	0.0723	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/23/2021	12:45 AM	52.5	52.6	52.5	82	47.2	0	WSW	0	2	W	52.5	52.3	52.3	29.389
10/23/2021	1:00 AM	52.3	52.6	52.3	82	47	0	---	0	0	---	52.3	52.2	52.2	29.384
10/23/2021	1:15 AM	52.2	52.3	52.2	81	46.5	0	WSW	0	2	W	52.2	52	52	29.386
10/23/2021	1:30 AM	52.1	52.3	52.1	81	46.4	1	WSW	0.25	3	W	52.1	51.9	51.9	29.385
10/23/2021	1:45 AM	52	52.2	52	81	46.3	1	WSW	0.25	3	WSW	52	51.8	51.8	29.382
10/23/2021	2:00 AM	51.9	52.1	51.9	82	46.6	0	SW	0	1	SW	51.9	51.8	51.8	29.384
10/23/2021	2:15 AM	51.9	51.9	51.8	82	46.6	0	SW	0	3	SW	51.9	51.8	51.8	29.379
10/23/2021	2:30 AM	51.7	51.9	51.7	82	46.4	1	SSW	0.25	3	WSW	51.7	51.6	51.6	29.379
10/23/2021	2:45 AM	51.6	51.8	51.6	83	46.6	0	W	0	2	W	51.6	51.5	51.5	29.382
10/23/2021	3:00 AM	51.5	51.6	51.5	82	46.2	0	W	0	3	WNW	51.5	51.4	51.4	29.376
10/23/2021	3:15 AM	51.4	51.5	51.4	83	46.4	0	W	0	2	W	51.4	51.3	51.3	29.38
10/23/2021	3:30 AM	51.3	51.4	51.3	83	46.3	0	S	0	2	SSW	51.3	51.2	51.2	29.385
10/23/2021	3:45 AM	51.2	51.3	51.2	82	45.9	0	SW	0	3	SW	51.2	51.1	51.1	29.386
10/23/2021	4:00 AM	51	51.2	51	82	45.7	1	SW	0.25	3	SE	51	50.9	50.9	29.38
10/23/2021	4:15 AM	50.9	51.1	50.9	83	45.9	1	WSW	0.25	4	WSW	50.9	50.8	50.8	29.385
10/23/2021	4:30 AM	50.8	50.9	50.8	83	45.8	1	WSW	0.25	3	WNW	50.8	50.7	50.7	29.387
10/23/2021	4:45 AM	50.7	50.8	50.6	83	45.7	1	WSW	0.25	4	WSW	50.7	50.7	50.7	29.389
10/23/2021	5:00 AM	50.6	50.7	50.6	83	45.6	2	WSW	0.5	6	SW	50.6	50.6	50.6	29.388
10/23/2021	5:15 AM	50.4	50.6	50.4	83	45.4	1	WSW	0.25	3	WSW	50.4	50.4	50.4	29.394
10/23/2021	5:30 AM	50.3	50.5	50.3	84	45.6	1	SW	0.25	4	SW	50.3	50.3	50.3	29.398
10/23/2021	5:45 AM	50.3	50.4	50.2	84	45.6	1	SW	0.25	4	SW	50.3	50.3	50.3	29.404
10/23/2021	6:00 AM	50.2	50.3	50.1	84	45.6	2	W	0.5	8	WNW	50.2	50.3	50.3	29.412
10/23/2021	6:15 AM	50.1	50.2	50.1	83	45.1	1	W	0.25	6	WNW	50.1	50.1	50.1	29.421
10/23/2021	6:30 AM	49.9	50.1	49.9	84	45.3	1	SW	0.25	4	SW	49.9	50	50	29.42
10/23/2021	6:45 AM	50	50	49.9	82	44.7	2	SW	0.5	7	SW	50	50	50	29.43
10/23/2021	7:00 AM	49.9	50	49.9	83	44.9	0	SW	0	3	SW	49.9	50	50	29.427
10/23/2021	7:15 AM	49.9	49.9	49.8	82	44.6	0	SSE	0	2	SSE	49.9	49.9	49.9	29.431
10/23/2021	7:30 AM	49.8	49.9	49.8	83	44.8	0	SSW	0	3	SSW	49.8	49.9	49.9	29.435
10/23/2021	7:45 AM	49.7	49.9	49.7	83	44.7	0	SSE	0	3	SSE	49.7	49.7	49.7	29.435
10/23/2021	8:00 AM	49.6	49.8	49.6	83	44.6	1	SE	0.25	2	SSE	49.6	49.6	49.6	29.439
10/23/2021	8:15 AM	49.2	49.6	49.2	84	44.6	0	---	0	0	---	49.2	49.3	49.3	29.454
10/23/2021	8:30 AM	48.8	49.2	48.7	87	45.1	0	---	0	0	---	48.8	49	49	29.461
10/23/2021	8:45 AM	49.4	49.4	48.7	87	45.7	0	---	0	0	---	49.4	49.6	49.6	29.469
10/23/2021	9:00 AM	50	50	49.3	85	45.7	0	---	0	0	---	50	50.1	50.1	29.471
10/23/2021	9:15 AM	51.5	51.5	50	82	46.2	0	SW	0	4	E	51.5	51.4	51.4	29.474
10/23/2021	9:30 AM	51.7	51.8	51.5	80	45.7	1	WSW	0.25	4	WSW	51.7	51.5	51.5	29.476

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/23/2021	12:45 AM	0	0	0.13	0	72.8	42	48.4	71.6	7.99	0.0724	298	8	100	15
10/23/2021	1:00 AM	0	0	0.132	0	72.7	42	48.3	71.4	8	0.0724	300	8	100	15
10/23/2021	1:15 AM	0	0	0.133	0	72.7	42	48.3	71.4	8	0.0724	300	8	100	15
10/23/2021	1:30 AM	0	0	0.134	0	72.6	42	48.2	71.3	8	0.0724	300	8	100	15
10/23/2021	1:45 AM	0	0	0.135	0	72.5	42	48.1	71.1	8	0.0724	300	8	100	15
10/23/2021	2:00 AM	0	0	0.136	0	72.3	42	47.9	70.8	8	0.0724	300	8	100	15
10/23/2021	2:15 AM	0	0	0.136	0	72.2	42	47.8	70.7	8.01	0.0724	298	8	100	15
10/23/2021	2:30 AM	0	0	0.139	0	72.1	42	47.7	70.5	8.01	0.0724	299	8	100	15
10/23/2021	2:45 AM	0	0	0.14	0	72	42	47.6	70.4	8.01	0.0725	300	8	100	15
10/23/2021	3:00 AM	0	0	0.141	0	71.9	42	47.6	70.2	8.01	0.0725	300	8	100	15
10/23/2021	3:15 AM	0	0	0.142	0	71.9	42	47.6	70.2	8.01	0.0725	300	8	100	15
10/23/2021	3:30 AM	0	0	0.143	0	71.8	42	47.5	70.1	8.01	0.0725	300	8	100	15
10/23/2021	3:45 AM	0	0	0.144	0	71.7	42	47.4	69.9	8.02	0.0725	299	8	100	15
10/23/2021	4:00 AM	0	0	0.146	0	71.6	42	47.3	69.8	8.02	0.0725	300	8	100	15
10/23/2021	4:15 AM	0	0	0.147	0	71.5	42	47.2	69.7	8.02	0.0726	300	8	100	15
10/23/2021	4:30 AM	0	0	0.148	0	71.3	42	47	69.4	8.02	0.0726	299	8	100	15
10/23/2021	4:45 AM	0	0	0.149	0	71.2	42	46.9	69.2	8.03	0.0726	300	8	100	15
10/23/2021	5:00 AM	0	0	0.15	0	71	41	46.1	68.9	7.91	0.0727	299	8	100	15
10/23/2021	5:15 AM	0	0	0.152	0	70.7	41	45.8	68.5	7.92	0.0727	299	8	100	15
10/23/2021	5:30 AM	0	0	0.153	0	70.4	41	45.6	68.1	7.93	0.0728	299	8	100	15
10/23/2021	5:45 AM	0	0	0.153	0	70.2	42	46	67.9	8.05	0.0728	300	8	100	15
10/23/2021	6:00 AM	0	0	0.154	0	70.1	42	45.9	67.8	8.05	0.0729	300	8	100	15
10/23/2021	6:15 AM	0	0	0.155	0	69.9	42	45.8	67.6	8.05	0.0729	300	8	100	15
10/23/2021	6:30 AM	0	0	0.157	0	69.8	42	45.7	67.5	8.05	0.0729	300	8	100	15
10/23/2021	6:45 AM	0	0	0.156	0	69.6	42	45.5	67.3	8.06	0.073	300	8	100	15
10/23/2021	7:00 AM	0	0	0.157	0	69.5	42	45.4	67.2	8.06	0.073	299	8	100	15
10/23/2021	7:15 AM	0	0	0.157	0	69.5	42	45.4	67.2	8.06	0.073	300	8	100	15
10/23/2021	7:30 AM	0	0	0.158	0	69.5	42	45.4	67.2	8.06	0.073	300	8	100	15
10/23/2021	7:45 AM	0	0	0.159	0	69.5	42	45.4	67.2	8.06	0.073	300	8	100	15
10/23/2021	8:00 AM	0	0	0.16	0	69.5	42	45.4	67.2	8.06	0.073	276	8	94.8	15
10/23/2021	8:15 AM	0	0	0.165	0	69.6	42	45.5	67.3	8.06	0.073	214	8	73.5	15
10/23/2021	8:30 AM	0	0	0.169	0	69.6	42	45.5	67.3	8.06	0.0731	300	8	100	15
10/23/2021	8:45 AM	0	0	0.162	0	69.6	42	45.5	67.3	8.06	0.0731	299	8	100	15
10/23/2021	9:00 AM	0	0	0.156	0	69.7	42	45.6	67.4	8.06	0.0731	299	8	100	15
10/23/2021	9:15 AM	0	0	0.141	0	69.7	42	45.6	67.4	8.06	0.0731	300	8	100	15
10/23/2021	9:30 AM	0	0	0.139	0	69.8	42	45.7	67.5	8.05	0.0731	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/23/2021	9:45 AM	52.9	52.9	51.7	79	46.6	2	SW	0.5	5	SW	52.9	52.6	52.6	29.479
10/23/2021	10:00 AM	53.8	53.9	53	76	46.4	2	SW	0.5	7	ESE	53.8	53.3	53.3	29.48
10/23/2021	10:15 AM	52.6	53.8	52.6	77	45.6	2	SW	0.5	5	WSW	52.6	52.2	52.2	29.486
10/23/2021	10:30 AM	52.6	52.6	52.4	76	45.2	2	W	0.5	6	W	52.6	52.2	52.2	29.489
10/23/2021	10:45 AM	52.9	52.9	52.5	74	44.8	2	WSW	0.5	5	WSW	52.9	52.4	52.4	29.483
10/23/2021	11:00 AM	53.5	53.5	52.9	73	45.1	2	WSW	0.5	8	SW	53.5	52.9	52.9	29.484
10/23/2021	11:15 AM	54.4	54.5	53.5	72	45.6	2	SSW	0.5	8	W	54.4	53.7	53.7	29.478
10/23/2021	11:30 AM	55.9	56	54.4	70	46.3	3	SE	0.75	8	SE	55.9	55	55	29.479
10/23/2021	11:45 AM	57.3	57.3	56	68	46.8	2	SW	0.5	7	SW	57.3	56.3	56.3	29.479
10/23/2021	12:00 PM	56.1	57.6	56	67	45.3	2	W	0.5	7	SSW	56.1	55.1	55.1	29.48
10/23/2021	12:15 PM	55.8	56	55.4	69	45.8	2	WNW	0.5	7	SE	55.8	54.9	54.9	29.468
10/23/2021	12:30 PM	56.8	57	55.8	66	45.6	3	SW	0.75	10	SW	56.8	55.7	55.7	29.464
10/23/2021	12:45 PM	57.7	57.7	56.2	65	46	2	WNW	0.5	7	SW	57.7	56.6	56.6	29.468
10/23/2021	1:00 PM	58.5	58.5	57.7	63	45.9	2	SW	0.5	7	SW	58.5	57.3	57.3	29.465
10/23/2021	1:15 PM	58.3	58.8	58.3	62	45.3	2	SW	0.5	7	W	58.3	57	57	29.459
10/23/2021	1:30 PM	58.7	58.7	58.1	62	45.7	3	SW	0.75	11	SW	58.7	57.4	57.4	29.449
10/23/2021	1:45 PM	59	59.1	58.7	58	44.2	4	SW	1	9	E	59	57.5	57.5	29.438
10/23/2021	2:00 PM	60.2	60.2	59	60	46.3	2	W	0.5	9	WNW	60.2	58.8	58.8	29.433
10/23/2021	2:15 PM	60.2	60.4	60.1	58	45.4	3	WSW	0.75	7	W	60.2	58.7	58.7	29.434
10/23/2021	2:30 PM	61	61	60.2	57	45.7	3	SW	0.75	7	WSW	61	59.4	59.4	29.431
10/23/2021	2:45 PM	61.3	61.3	60.9	62	48.2	2	W	0.5	7	E	61.3	60.1	60.1	29.421
10/23/2021	3:00 PM	61	61.5	61	56	45.2	2	WSW	0.5	7	WSW	61	59.4	59.4	29.415
10/23/2021	3:15 PM	61.6	61.6	60.9	55	45.3	2	W	0.5	4	W	61.6	60	60	29.402
10/23/2021	3:30 PM	62.7	62.7	61.6	54	45.8	1	SE	0.25	4	SSE	62.7	61.1	61.1	29.405
10/23/2021	3:45 PM	62.8	63.1	62.7	54	45.9	2	WSW	0.5	7	ESE	62.8	61.2	61.2	29.411
10/23/2021	4:00 PM	62	62.9	61.9	54	45.2	3	W	0.75	8	SE	62	60.3	60.3	29.412
10/23/2021	4:15 PM	61.6	61.9	61.4	56	45.7	2	ESE	0.5	8	WSW	61.6	60	60	29.409
10/23/2021	4:30 PM	61.7	61.7	61.5	55	45.4	1	WSW	0.25	5	SW	61.7	60.1	60.1	29.411
10/23/2021	4:45 PM	61.8	61.8	61.6	55	45.5	1	SE	0.25	5	SE	61.8	60.2	60.2	29.402
10/23/2021	5:00 PM	61.4	61.8	61.3	53	44.1	2	WSW	0.5	5	WSW	61.4	59.6	59.6	29.399
10/23/2021	5:15 PM	61.6	61.6	61.4	54	44.8	1	WSW	0.25	4	WSW	61.6	59.9	59.9	29.397
10/23/2021	5:30 PM	60.9	61.6	60.9	56	45.1	1	ESE	0.25	4	SSE	60.9	59.3	59.3	29.397
10/23/2021	5:45 PM	59.3	60.9	59.3	70	49.5	1	SE	0.25	3	ESE	59.3	58.4	58.4	29.405
10/23/2021	6:00 PM	58.2	59.2	58.1	72	49.2	1	SE	0.25	3	SE	58.2	57.4	57.4	29.406
10/23/2021	6:15 PM	57.7	58.1	57.7	71	48.4	0	SE	0	1	SE	57.7	56.9	56.9	29.422
10/23/2021	6:30 PM	57.4	57.8	57.4	73	48.8	0	---	0	0	---	57.4	56.7	56.7	29.416

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/23/2021	9:45 AM	0	0	0.126	0	69.7	42	45.6	67.4	8.06	0.0731	300	8	100	15
10/23/2021	10:00 AM	0	0	0.117	0	69.8	42	45.7	67.5	8.05	0.0731	300	8	100	15
10/23/2021	10:15 AM	0	0	0.129	0	69.9	43	46.4	67.6	8.25	0.0731	300	8	100	15
10/23/2021	10:30 AM	0	0	0.129	0	70	43	46.5	67.7	8.25	0.073	300	8	100	15
10/23/2021	10:45 AM	0	0	0.126	0	70.3	43	46.7	68.1	8.24	0.073	214	8	73.5	15
10/23/2021	11:00 AM	0	0	0.12	0	70.4	43	46.8	68.3	8.23	0.073	300	8	100	15
10/23/2021	11:15 AM	0	0	0.11	0	70.6	43	47	68.5	8.23	0.0729	300	8	100	15
10/23/2021	11:30 AM	0	0	0.095	0	70.8	43	47.2	68.8	8.22	0.0729	300	8	100	15
10/23/2021	11:45 AM	0	0	0.08	0	71.1	43	47.5	69.2	8.21	0.0728	300	8	100	15
10/23/2021	12:00 PM	0	0	0.093	0	71.4	43	47.7	69.6	8.19	0.0728	300	8	100	15
10/23/2021	12:15 PM	0	0	0.096	0	71.6	43	47.9	69.9	8.19	0.0727	300	8	100	15
10/23/2021	12:30 PM	0	0	0.085	0	71.9	43	48.2	70.3	8.17	0.0727	300	8	100	15
10/23/2021	12:45 PM	0	0	0.076	0	72.2	43	48.5	70.7	8.16	0.0726	299	8	100	15
10/23/2021	1:00 PM	0	0	0.068	0	72.5	43	48.7	71.2	8.15	0.0726	299	8	100	15
10/23/2021	1:15 PM	0	0	0.07	0	72.9	42	48.5	71.7	7.99	0.0725	300	8	100	15
10/23/2021	1:30 PM	0	0	0.066	0	73.3	42	48.8	72.2	7.98	0.0724	300	8	100	15
10/23/2021	1:45 PM	0	0	0.063	0	73.7	42	49.2	72.7	7.98	0.0723	300	8	100	15
10/23/2021	2:00 PM	0	0	0.05	0	74.1	43	50.2	73.2	8.09	0.0722	299	8	100	15
10/23/2021	2:15 PM	0	0	0.05	0	75.2	43	51.2	74.4	8.05	0.0721	300	8	100	15
10/23/2021	2:30 PM	0	0	0.042	0	76.5	44	53	75.8	8.22	0.0718	298	8	100	15
10/23/2021	2:45 PM	0	0	0.039	0	78.5	44	54.8	77.7	8.18	0.0714	300	8	100	15
10/23/2021	3:00 PM	0	0	0.042	0	80.4	42	55.2	79.4	7.85	0.0712	300	8	100	15
10/23/2021	3:15 PM	0	0	0.035	0	81.8	41	55.8	80.8	7.71	0.0709	300	8	100	15
10/23/2021	3:30 PM	0	0	0.024	0	82.9	40	56.1	81.9	7.55	0.0708	299	8	100	15
10/23/2021	3:45 PM	0	0	0.023	0	83.5	38	55.2	82.3	7.25	0.0707	300	8	100	15
10/23/2021	4:00 PM	0	0	0.031	0	83.4	37	54.4	82	7.08	0.0708	300	8	100	15
10/23/2021	4:15 PM	0	0	0.035	0	83	37	54	81.6	7.09	0.0709	300	8	100	15
10/23/2021	4:30 PM	0	0	0.034	0	82.8	37	53.9	81.4	7.09	0.0709	300	8	100	15
10/23/2021	4:45 PM	0	0	0.033	0	82.6	36	52.9	81	6.85	0.0709	299	8	100	15
10/23/2021	5:00 PM	0	0	0.037	0	82.3	36	52.7	80.7	6.86	0.071	299	8	100	15
10/23/2021	5:15 PM	0	0	0.035	0	82	36	52.4	80.4	6.87	0.071	300	8	100	15
10/23/2021	5:30 PM	0	0	0.043	0	81.8	35	51.5	80.1	6.78	0.0711	299	8	100	15
10/23/2021	5:45 PM	0	0	0.059	0	81.5	35	51.2	79.8	6.79	0.0711	300	8	100	15
10/23/2021	6:00 PM	0	0	0.071	0	81.1	35	50.9	79.4	6.81	0.0712	299	8	100	15
10/23/2021	6:15 PM	0	0	0.076	0	80.6	35	50.4	78.9	6.83	0.0713	300	8	100	15
10/23/2021	6:30 PM	0	0	0.079	0	80.2	35	50.1	78.5	6.84	0.0714	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/23/2021	6:45 PM	57.1	57.4	57	75	49.2	0	---	0	0	---	57.1	56.5	56.5	29.413
10/23/2021	7:00 PM	56.6	57.1	56.6	77	49.5	0	---	0	0	---	56.6	56.1	56.1	29.41
10/23/2021	7:15 PM	56.4	56.7	56.4	77	49.3	0	---	0	0	---	56.4	55.9	55.9	29.407
10/23/2021	7:30 PM	56.1	56.4	56.1	79	49.7	0	---	0	0	---	56.1	55.7	55.7	29.409
10/23/2021	7:45 PM	56	56.1	55.9	79	49.6	0	---	0	0	---	56	55.6	55.6	29.411
10/23/2021	8:00 PM	55.8	56	55.8	79	49.4	0	---	0	0	---	55.8	55.4	55.4	29.407
10/23/2021	8:15 PM	55.6	55.9	55.6	80	49.5	0	---	0	0	---	55.6	55.3	55.3	29.414
10/23/2021	8:30 PM	55.5	55.6	55.5	80	49.4	0	---	0	0	---	55.5	55.2	55.2	29.415
10/23/2021	8:45 PM	55.3	55.5	55.3	81	49.6	0	---	0	0	---	55.3	55	55	29.412
10/23/2021	9:00 PM	55.2	55.4	55.2	80	49.1	0	---	0	0	---	55.2	54.9	54.9	29.412
10/23/2021	9:15 PM	55.1	55.3	55.1	82	49.7	0	---	0	0	---	55.1	54.8	54.8	29.412
10/23/2021	9:30 PM	55	55.1	54.9	83	49.9	0	---	0	0	---	55	54.8	54.8	29.411
10/23/2021	9:45 PM	54.9	55	54.9	83	49.8	0	---	0	0	---	54.9	54.7	54.7	29.418
10/23/2021	10:00 PM	54.6	55	54.6	84	49.9	0	---	0	0	---	54.6	54.4	54.4	29.426
10/23/2021	10:15 PM	53.9	54.6	53.9	84	49.2	0	---	0	0	---	53.9	53.8	53.8	29.43
10/23/2021	10:30 PM	52.7	53.9	52.7	85	48.3	0	---	0	0	---	52.7	52.6	52.6	29.434
10/23/2021	10:45 PM	51.7	52.7	51.7	86	47.6	0	---	0	0	---	51.7	51.7	51.7	29.441
10/23/2021	11:00 PM	51	51.7	51	89	47.9	0	---	0	0	---	51	51.2	51.2	29.443
10/23/2021	11:15 PM	51.2	51.2	51	90	48.4	0	---	0	0	---	51.2	51.4	51.4	29.437
10/23/2021	11:30 PM	51.3	51.4	51.2	90	48.5	0	---	0	0	---	51.3	51.5	51.5	29.435
10/23/2021	11:45 PM	51	51.3	51	91	48.5	0	---	0	0	---	51	51.2	51.2	29.427
10/24/2021	12:00 AM	51.3	51.3	51	90	48.5	0	---	0	0	---	51.3	51.5	51.5	29.419
10/24/2021	12:15 AM	51.2	51.3	51.2	90	48.4	0	---	0	0	---	51.2	51.4	51.4	29.424
10/24/2021	12:30 AM	50.8	51.3	50.8	91	48.3	0	---	0	0	---	50.8	51.1	51.1	29.422
10/24/2021	12:45 AM	50.3	50.8	50.3	91	47.8	0	---	0	0	---	50.3	50.6	50.6	29.427
10/24/2021	1:00 AM	49.8	50.3	49.8	92	47.6	0	---	0	0	---	49.8	50.2	50.2	29.428
10/24/2021	1:15 AM	49.9	49.9	49.7	94	48.2	0	---	0	0	---	49.9	50.4	50.4	29.428
10/24/2021	1:30 AM	50.2	50.2	49.9	94	48.5	0	---	0	0	---	50.2	50.6	50.6	29.428
10/24/2021	1:45 AM	50.7	50.7	50.2	93	48.7	0	---	0	0	---	50.7	51	51	29.431
10/24/2021	2:00 AM	50.9	50.9	50.7	93	48.9	0	---	0	0	---	50.9	51.2	51.2	29.438
10/24/2021	2:15 AM	51.2	51.2	50.9	93	49.2	0	---	0	0	---	51.2	51.5	51.5	29.434
10/24/2021	2:30 AM	51.1	51.3	51.1	92	48.9	0	---	0	0	---	51.1	51.4	51.4	29.433
10/24/2021	2:45 AM	50.6	51.2	50.6	92	48.4	0	---	0	0	---	50.6	50.9	50.9	29.44
10/24/2021	3:00 AM	49.6	50.6	49.6	92	47.4	0	---	0	0	---	49.6	50	50	29.447
10/24/2021	3:15 AM	48.8	49.6	48.7	93	46.9	0	---	0	0	---	48.8	49.2	49.2	29.453
10/24/2021	3:30 AM	48	48.8	48	94	46.4	0	---	0	0	---	48	48.4	48.4	29.451

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/23/2021	6:45 PM	0	0	0.082	0	79.9	35	49.8	78.2	6.85	0.0714	300	8	100	15
10/23/2021	7:00 PM	0	0	0.088	0	79.5	35	49.4	77.9	6.86	0.0715	300	8	100	15
10/23/2021	7:15 PM	0	0	0.09	0	79.2	35	49.2	77.6	6.87	0.0715	300	8	100	15
10/23/2021	7:30 PM	0	0	0.093	0	78.9	35	48.9	77.3	6.87	0.0716	300	8	100	15
10/23/2021	7:45 PM	0	0	0.094	0	78.6	36	49.4	77.1	6.98	0.0716	299	8	100	15
10/23/2021	8:00 PM	0	0	0.096	0	78.3	36	49.1	76.8	6.98	0.0716	300	8	100	15
10/23/2021	8:15 PM	0	0	0.098	0	78	36	48.9	76.5	6.99	0.0717	297	8	100	15
10/23/2021	8:30 PM	0	0	0.099	0	77.8	36	48.7	76.3	6.99	0.0717	300	8	100	15
10/23/2021	8:45 PM	0	0	0.101	0	77.6	36	48.5	76.1	7	0.0718	300	8	100	15
10/23/2021	9:00 PM	0	0	0.102	0	77.4	36	48.3	75.9	7	0.0718	300	8	100	15
10/23/2021	9:15 PM	0	0	0.103	0	77.1	36	48.1	75.7	7.01	0.0718	300	8	100	15
10/23/2021	9:30 PM	0	0	0.104	0	77	37	48.7	75.7	7.21	0.0718	300	8	100	15
10/23/2021	9:45 PM	0	0	0.105	0	76.7	37	48.5	75.4	7.22	0.0719	299	8	100	15
10/23/2021	10:00 PM	0	0	0.108	0	76.6	37	48.4	75.3	7.22	0.0719	300	8	100	15
10/23/2021	10:15 PM	0	0	0.116	0	76.4	37	48.2	75.1	7.22	0.072	300	8	100	15
10/23/2021	10:30 PM	0	0	0.128	0	76.1	37	47.9	74.8	7.23	0.072	300	8	100	15
10/23/2021	10:45 PM	0	0	0.139	0	75.7	37	47.6	74.4	7.24	0.0721	299	8	100	15
10/23/2021	11:00 PM	0	0	0.146	0	75.3	37	47.2	74	7.24	0.0722	300	8	100	15
10/23/2021	11:15 PM	0	0	0.144	0	74.8	37	46.8	73.5	7.25	0.0723	300	8	100	15
10/23/2021	11:30 PM	0	0	0.143	0	74.4	37	46.4	73.1	7.26	0.0723	300	8	100	15
10/23/2021	11:45 PM	0	0	0.146	0	74.2	38	47	72.9	7.38	0.0723	299	8	100	15
10/24/2021	12:00 AM	0	0	0.143	0	74	38	46.8	72.7	7.39	0.0723	298	8	100	15
10/24/2021	12:15 AM	0	0	0.144	0	73.7	38	46.5	72.3	7.4	0.0724	300	8	100	15
10/24/2021	12:30 AM	0	0	0.148	0	73.5	38	46.3	72.1	7.41	0.0724	299	8	100	15
10/24/2021	12:45 AM	0	0	0.153	0	73.2	38	46.1	71.8	7.42	0.0725	299	8	100	15
10/24/2021	1:00 AM	0	0	0.158	0	72.9	38	45.8	71.4	7.43	0.0725	300	8	100	15
10/24/2021	1:15 AM	0	0	0.157	0	72.6	38	45.5	70.9	7.45	0.0726	299	8	100	15
10/24/2021	1:30 AM	0	0	0.154	0	72.5	39	46.1	70.9	7.6	0.0726	300	8	100	15
10/24/2021	1:45 AM	0	0	0.149	0	72.4	39	46	70.7	7.6	0.0726	299	8	100	15
10/24/2021	2:00 AM	0	0	0.147	0	72.3	39	45.9	70.6	7.6	0.0726	300	8	100	15
10/24/2021	2:15 AM	0	0	0.144	0	72.2	40	46.5	70.5	7.71	0.0726	300	8	100	15
10/24/2021	2:30 AM	0	0	0.145	0	72.2	40	46.5	70.5	7.71	0.0726	299	8	100	15
10/24/2021	2:45 AM	0	0	0.15	0	72.2	40	46.5	70.5	7.71	0.0726	300	8	100	15
10/24/2021	3:00 AM	0	0	0.16	0	71.9	40	46.3	70.1	7.71	0.0727	300	8	100	15
10/24/2021	3:15 AM	0	0	0.169	0	71.7	40	46.1	69.8	7.72	0.0727	299	8	100	15
10/24/2021	3:30 AM	0	0	0.177	0	71.5	40	45.9	69.5	7.72	0.0728	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/24/2021	3:45 AM	47.7	48.1	47.7	95	46.3	0	---	0	0	---	47.7	48.1	48.1	29.447
10/24/2021	4:00 AM	47.3	47.7	47.2	94	45.7	0	---	0	0	---	47.3	47.6	47.6	29.447
10/24/2021	4:15 AM	46.5	47.2	46.5	94	44.9	0	---	0	0	---	46.5	46.8	46.8	29.449
10/24/2021	4:30 AM	46.3	46.6	46.2	96	45.2	0	---	0	0	---	46.3	46.6	46.6	29.447
10/24/2021	4:45 AM	46.1	46.3	46.1	96	45	0	---	0	0	---	46.1	46.4	46.4	29.456
10/24/2021	5:00 AM	46.1	46.2	45.9	97	45.3	0	---	0	0	---	46.1	46.4	46.4	29.458
10/24/2021	5:15 AM	46	46.3	46	96	44.9	0	---	0	0	---	46	46.3	46.3	29.457
10/24/2021	5:30 AM	45.6	46.1	45.6	96	44.5	0	---	0	0	---	45.6	45.9	45.9	29.462
10/24/2021	5:45 AM	45.2	45.5	45.2	96	44.1	0	---	0	0	---	45.2	45.5	45.5	29.463
10/24/2021	6:00 AM	44.8	45.3	44.8	96	43.7	0	---	0	0	---	44.8	45	45	29.471
10/24/2021	6:15 AM	44.8	44.9	44.7	97	44	0	---	0	0	---	44.8	45.1	45.1	29.474
10/24/2021	6:30 AM	44.8	44.8	44.7	97	44	0	---	0	0	---	44.8	45.1	45.1	29.475
10/24/2021	6:45 AM	44.8	44.9	44.8	97	44	0	---	0	0	---	44.8	45.1	45.1	29.48
10/24/2021	7:00 AM	45.2	45.3	44.9	98	44.7	0	---	0	0	---	45.2	45.5	45.5	29.477
10/24/2021	7:15 AM	45.6	45.6	45.2	98	45.1	0	---	0	0	---	45.6	45.9	45.9	29.48
10/24/2021	7:30 AM	46.1	46.1	45.5	98	45.6	0	---	0	0	---	46.1	46.5	46.5	29.481
10/24/2021	7:45 AM	46.8	46.8	46.1	98	46.3	0	---	0	0	---	46.8	47.2	47.2	29.481
10/24/2021	8:00 AM	47.3	47.3	46.9	98	46.8	0	---	0	0	---	47.3	47.7	47.7	29.48
10/24/2021	8:15 AM	47.6	47.6	47.3	98	47.1	0	---	0	0	---	47.6	48.1	48.1	29.478
10/24/2021	8:30 AM	47.9	47.9	47.6	98	47.4	0	---	0	0	---	47.9	48.4	48.4	29.478
10/24/2021	8:45 AM	49.6	49.6	47.9	97	48.8	0	---	0	0	---	49.6	50.2	50.2	29.481
10/24/2021	9:00 AM	51.3	51.3	49.7	93	49.3	0	---	0	0	---	51.3	51.6	51.6	29.484
10/24/2021	9:15 AM	53.1	53.1	51.3	91	50.5	0	---	0	0	---	53.1	53.2	53.2	29.486
10/24/2021	9:30 AM	54.2	54.2	53.1	88	50.7	0	E	0	2	E	54.2	54.2	54.2	29.484
10/24/2021	9:45 AM	57.2	57.2	54.3	85	52.7	0	---	0	0	---	57.2	57	57	29.486
10/24/2021	10:00 AM	59.4	59.4	57.2	73	50.7	1	E	0.25	6	ESE	59.4	58.7	58.7	29.483
10/24/2021	10:15 AM	61.2	61.2	59.4	68	50.6	1	ENE	0.25	3	E	61.2	60.4	60.4	29.482
10/24/2021	10:30 AM	63	63	61.1	66	51.5	1	N	0.25	3	SE	63	62.3	62.3	29.477
10/24/2021	10:45 AM	63.8	63.8	63	63	51	2	ESE	0.5	6	ESE	63.8	62.9	62.9	29.477
10/24/2021	11:00 AM	65.2	65.2	63.8	62	51.8	1	N	0.25	4	N	65.2	64.4	64.4	29.471
10/24/2021	11:15 AM	66.5	66.5	65.2	56	50.3	1	SSE	0.25	4	S	66.5	65.5	65.5	29.473
10/24/2021	11:30 AM	67.7	67.7	66.5	55	50.9	1	ESE	0.25	4	SSE	67.7	66.8	66.8	29.47
10/24/2021	11:45 AM	68.8	68.8	67.7	51	49.9	1	ESE	0.25	4	E	68.8	67.4	67.4	29.47
10/24/2021	12:00 PM	69.7	70	68.9	52	51.3	1	SE	0.25	4	SW	69.7	68.3	68.3	29.471
10/24/2021	12:15 PM	70	70.4	69.7	49	50	1	SW	0.25	4	SW	70	68.2	68.2	29.471
10/24/2021	12:30 PM	71.2	71.2	70	49	51.1	1	N	0.25	4	NNW	71.2	69.9	69.9	29.468

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/24/2021	3:45 AM	0	0	0.18	0	71.1	40	45.5	68.9	7.73	0.0728	299	8	100	15
10/24/2021	4:00 AM	0	0	0.184	0	70.9	40	45.4	68.7	7.73	0.0729	300	8	100	15
10/24/2021	4:15 AM	0	0	0.193	0	70.6	40	45.1	68.3	7.74	0.0729	300	8	100	15
10/24/2021	4:30 AM	0	0	0.195	0	70.4	40	44.9	68	7.74	0.0729	299	8	100	15
10/24/2021	4:45 AM	0	0	0.197	0	70.1	40	44.6	67.6	7.75	0.073	300	8	100	15
10/24/2021	5:00 AM	0	0	0.197	0	69.9	40	44.5	67.4	7.75	0.073	299	8	100	15
10/24/2021	5:15 AM	0	0	0.198	0	69.5	40	44.1	67	7.76	0.0731	300	8	100	15
10/24/2021	5:30 AM	0	0	0.202	0	69.3	40	43.9	66.8	7.76	0.0731	300	8	100	15
10/24/2021	5:45 AM	0	0	0.206	0	69.1	40	43.8	66.6	7.77	0.0732	300	8	100	15
10/24/2021	6:00 AM	0	0	0.21	0	68.9	40	43.6	66.4	7.77	0.0732	298	8	100	15
10/24/2021	6:15 AM	0	0	0.21	0	68.7	40	43.4	66.3	7.78	0.0733	300	8	100	15
10/24/2021	6:30 AM	0	0	0.21	0	68.4	40	43.1	66	7.78	0.0733	300	8	100	15
10/24/2021	6:45 AM	0	0	0.21	0	68.2	41	43.6	66	7.95	0.0734	300	8	100	15
10/24/2021	7:00 AM	0	0	0.206	0	68.1	41	43.5	65.9	7.95	0.0734	299	8	100	15
10/24/2021	7:15 AM	0	0	0.202	0	67.9	41	43.3	65.7	7.95	0.0734	300	8	100	15
10/24/2021	7:30 AM	0	0	0.197	0	67.9	41	43.3	65.7	7.95	0.0734	300	8	100	15
10/24/2021	7:45 AM	0	0	0.19	0	67.9	41	43.3	65.7	7.95	0.0734	300	8	100	15
10/24/2021	8:00 AM	0	0	0.184	0	68	42	44	65.9	8.09	0.0734	300	8	100	15
10/24/2021	8:15 AM	0	0	0.181	0	68.1	42	44.1	66	8.09	0.0734	300	8	100	15
10/24/2021	8:30 AM	0	0	0.178	0	68.2	42	44.2	66.1	8.09	0.0733	300	8	100	15
10/24/2021	8:45 AM	0	0	0.16	0	68.4	42	44.4	66.2	8.08	0.0733	299	8	100	15
10/24/2021	9:00 AM	0	0	0.143	0	68.5	43	45.1	66.4	8.25	0.0733	300	8	100	15
10/24/2021	9:15 AM	0	0	0.124	0	68.7	43	45.3	66.6	8.25	0.0733	300	8	100	15
10/24/2021	9:30 AM	0	0	0.112	0	69	43	45.6	66.8	8.25	0.0732	299	8	100	15
10/24/2021	9:45 AM	0	0	0.081	0	69.4	43	45.9	67.2	8.25	0.0731	299	8	100	15
10/24/2021	10:00 AM	0	0	0.058	0	69.8	44	46.9	67.6	8.35	0.073	300	8	100	15
10/24/2021	10:15 AM	0	0	0.04	0	70.3	44	47.3	68.2	8.34	0.073	300	8	100	15
10/24/2021	10:30 AM	0	0	0.021	0	70.9	44	47.9	69	8.33	0.0729	300	8	100	15
10/24/2021	10:45 AM	0	0	0.013	0	71.5	44	48.4	69.8	8.32	0.0728	299	8	100	15
10/24/2021	11:00 AM	0	0	0	0.002	72.2	44	49.1	70.8	8.31	0.0726	300	8	100	15
10/24/2021	11:15 AM	0	0	0	0.016	72.9	44	49.7	71.9	8.29	0.0725	300	8	100	15
10/24/2021	11:30 AM	0	0	0	0.028	73.8	44	50.5	73	8.27	0.0724	300	8	100	15
10/24/2021	11:45 AM	0	0	0	0.04	74.6	44	51.2	73.9	8.26	0.0722	300	8	100	15
10/24/2021	12:00 PM	0	0	0	0.049	75.3	44	51.9	74.6	8.24	0.0721	299	8	100	15
10/24/2021	12:15 PM	0	0	0	0.052	76.2	44	52.7	75.5	8.23	0.072	300	8	100	15
10/24/2021	12:30 PM	0	0	0	0.065	77	43	52.8	76.2	8.05	0.0718	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/24/2021	12:45 PM	71.7	72.1	71.1	48	51	2	SE	0.5	5	SW	71.7	70.5	70.5	29.463
10/24/2021	1:00 PM	71	71.7	70.9	51	52	3	SW	0.75	6	SW	71	69.8	69.8	29.451
10/24/2021	1:15 PM	71.8	71.8	70.9	51	52.7	2	WSW	0.5	4	W	71.8	70.9	70.9	29.442
10/24/2021	1:30 PM	72.5	72.5	71.8	47	51.1	3	WSW	0.75	7	WSW	72.5	71.5	71.5	29.436
10/24/2021	1:45 PM	73.5	73.5	72.5	47	52	2	W	0.5	10	E	73.5	72.9	72.9	29.432
10/24/2021	2:00 PM	74.4	74.4	73.5	44	51.1	2	WSW	0.5	8	SE	74.4	73.6	73.6	29.418
10/24/2021	2:15 PM	74.4	74.8	74.3	42	49.8	2	WSW	0.5	7	SW	74.4	73.4	73.4	29.414
10/24/2021	2:30 PM	74.4	74.6	74.3	44	51.1	2	SW	0.5	9	WSW	74.4	73.6	73.6	29.403
10/24/2021	2:45 PM	74.4	74.7	74.2	40	48.5	3	SW	0.75	10	WSW	74.4	73.2	73.2	29.406
10/24/2021	3:00 PM	75.1	75.1	74.4	37	47	2	WSW	0.5	9	SW	75.1	73.8	73.8	29.406
10/24/2021	3:15 PM	75.4	75.4	75	37	47.3	2	WSW	0.5	8	WSW	75.4	74.1	74.1	29.405
10/24/2021	3:30 PM	74.9	75.4	74.9	41	49.6	4	SW	1	10	SW	74.9	73.9	73.9	29.41
10/24/2021	3:45 PM	75.1	75.5	74.9	42	50.4	2	SSW	0.5	8	SSW	75.1	74.2	74.2	29.407
10/24/2021	4:00 PM	74.3	75.1	74.2	43	50.4	3	SW	0.75	6	W	74.3	73.4	73.4	29.404
10/24/2021	4:15 PM	74.1	74.3	73.9	42	49.5	2	SW	0.5	6	SSW	74.1	73.1	73.1	29.399
10/24/2021	4:30 PM	73.7	74.1	73.7	43	49.8	2	WSW	0.5	6	W	73.7	72.8	72.8	29.395
10/24/2021	4:45 PM	73.1	73.7	73	44	49.9	2	SW	0.5	7	WSW	73.1	72.1	72.1	29.392
10/24/2021	5:00 PM	71.4	73.1	71.4	55	54.4	1	ESE	0.25	4	ESE	71.4	70.7	70.7	29.395
10/24/2021	5:15 PM	71.4	71.9	71.4	51	52.3	1	SE	0.25	6	ESE	71.4	70.3	70.3	29.387
10/24/2021	5:30 PM	71.2	71.7	71.2	48	50.5	2	SSW	0.5	7	W	71.2	69.8	69.8	29.389
10/24/2021	5:45 PM	69.4	71.2	69.4	50	49.9	1	SSE	0.25	4	SSE	69.4	67.8	67.8	29.388
10/24/2021	6:00 PM	67.9	69.4	67.9	60	53.5	1	SE	0.25	5	SSE	67.9	67.4	67.4	29.391
10/24/2021	6:15 PM	65.8	67.9	65.8	57	50.1	1	SE	0.25	2	SE	65.8	64.7	64.7	29.389
10/24/2021	6:30 PM	64.1	65.8	64.1	63	51.2	0	---	0	0	---	64.1	63.2	63.2	29.39
10/24/2021	6:45 PM	62.1	64.1	62.1	65	50.2	0	---	0	0	---	62.1	61.2	61.2	29.382
10/24/2021	7:00 PM	60.2	62.1	60.2	68	49.6	0	---	0	0	---	60.2	59.3	59.3	29.384
10/24/2021	7:15 PM	58.8	60.2	58.8	71	49.4	0	---	0	0	---	58.8	58	58	29.383
10/24/2021	7:30 PM	57.8	58.8	57.8	74	49.6	0	---	0	0	---	57.8	57.1	57.1	29.377
10/24/2021	7:45 PM	57.6	57.8	57.5	73	49	0	---	0	0	---	57.6	56.9	56.9	29.384
10/24/2021	8:00 PM	57.2	57.6	57.2	74	49	0	---	0	0	---	57.2	56.5	56.5	29.39
10/24/2021	8:15 PM	56.5	57.2	56.5	76	49	0	---	0	0	---	56.5	56	56	29.389
10/24/2021	8:30 PM	56.1	56.5	56.1	76	48.6	0	---	0	0	---	56.1	55.6	55.6	29.388
10/24/2021	8:45 PM	55.9	56.2	55.9	77	48.8	0	---	0	0	---	55.9	55.4	55.4	29.383
10/24/2021	9:00 PM	55.7	55.9	55.7	76	48.2	0	---	0	0	---	55.7	55.2	55.2	29.38
10/24/2021	9:15 PM	55.7	55.8	55.6	78	48.9	0	---	0	0	---	55.7	55.3	55.3	29.383
10/24/2021	9:30 PM	55	55.7	55	80	48.9	0	---	0	0	---	55	54.7	54.7	29.383

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/24/2021	12:45 PM	0	0	0	0.07	77.9	43	53.6	77	8.05	0.0717	299	8	100	15
10/24/2021	1:00 PM	0	0	0	0.063	78.7	43	54.3	77.8	8.05	0.0715	300	8	100	15
10/24/2021	1:15 PM	0	0	0	0.071	79.6	43	55.1	78.7	8.05	0.0713	300	8	100	15
10/24/2021	1:30 PM	0	0	0	0.078	80.4	42	55.2	79.4	7.85	0.0712	298	8	100	15
10/24/2021	1:45 PM	0	0	0	0.089	81.3	42	56	80.4	7.85	0.0711	299	8	100	15
10/24/2021	2:00 PM	0	0	0	0.098	82.4	42	57	81.7	7.85	0.0708	300	8	100	15
10/24/2021	2:15 PM	0	0	0	0.098	83.8	42	58.3	83.3	7.85	0.0706	300	8	100	15
10/24/2021	2:30 PM	0	0	0	0.098	85.6	42	59.9	85.5	7.84	0.0703	300	8	100	15
10/24/2021	2:45 PM	0	0	0	0.098	87.9	41	61.3	88.3	7.65	0.0699	299	8	100	15
10/24/2021	3:00 PM	0	0	0	0.105	90.2	40	62.6	91.3	7.44	0.0696	300	8	100	15
10/24/2021	3:15 PM	0	0	0	0.108	92.2	38	62.9	93.6	7.11	0.0693	300	8	100	15
10/24/2021	3:30 PM	0	0	0	0.103	93.5	36	62.5	94.8	6.78	0.0691	300	8	100	15
10/24/2021	3:45 PM	0	0	0	0.105	93.7	35	61.9	94.7	6.6	0.0691	300	8	100	15
10/24/2021	4:00 PM	0	0	0	0.097	93.2	34	60.7	93.6	6.49	0.0693	299	8	100	15
10/24/2021	4:15 PM	0	0	0	0.095	92.7	34	60.2	92.8	6.5	0.0693	300	8	100	15
10/24/2021	4:30 PM	0	0	0	0.091	92.3	33	59	92	6.4	0.0694	300	8	100	15
10/24/2021	4:45 PM	0	0	0	0.084	91.9	33	58.7	91.4	6.41	0.0695	300	8	100	15
10/24/2021	5:00 PM	0	0	0	0.067	91.7	33	58.5	91.2	6.42	0.0695	300	8	100	15
10/24/2021	5:15 PM	0	0	0	0.067	91.3	33	58.2	90.6	6.42	0.0696	299	8	100	15
10/24/2021	5:30 PM	0	0	0	0.065	91	32	57	89.9	6.23	0.0697	300	8	100	15
10/24/2021	5:45 PM	0	0	0	0.046	90.6	32	56.7	89.4	6.24	0.0697	300	8	100	15
10/24/2021	6:00 PM	0	0	0	0.03	90.1	32	56.3	88.7	6.25	0.0698	300	8	100	15
10/24/2021	6:15 PM	0	0	0	0.008	89.5	32	55.7	88	6.25	0.0699	300	8	100	15
10/24/2021	6:30 PM	0	0	0.009	0	88.7	31	54.2	86.9	6.15	0.0701	299	8	100	15
10/24/2021	6:45 PM	0	0	0.03	0	76.7	37	48.5	75.4	7.22	0.0718	294	8	100	15
10/24/2021	7:00 PM	0	0	0.05	0	75.8	40	49.8	74.7	7.63	0.0719	300	8	100	15
10/24/2021	7:15 PM	0	0	0.065	0	77.5	39	50.6	76.3	7.5	0.0716	300	8	100	15
10/24/2021	7:30 PM	0	0	0.075	0	78.7	38	51	77.3	7.28	0.0714	300	8	100	15
10/24/2021	7:45 PM	0	0	0.077	0	79.3	37	50.8	77.8	7.16	0.0714	300	8	100	15
10/24/2021	8:00 PM	0	0	0.081	0	79.8	36	50.5	78.2	6.95	0.0714	300	8	100	15
10/24/2021	8:15 PM	0	0	0.089	0	80	36	50.6	78.4	6.95	0.0713	300	8	100	15
10/24/2021	8:30 PM	0	0	0.093	0	80	36	50.6	78.4	6.95	0.0713	300	8	100	15
10/24/2021	8:45 PM	0	0	0.095	0	79.9	36	50.6	78.3	6.95	0.0713	300	8	100	15
10/24/2021	9:00 PM	0	0	0.097	0	79.8	35	49.7	78.1	6.85	0.0714	300	8	100	15
10/24/2021	9:15 PM	0	0	0.097	0	79.6	35	49.5	77.9	6.86	0.0714	300	8	100	15
10/24/2021	9:30 PM	0	0	0.104	0	79.5	35	49.4	77.9	6.86	0.0714	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/24/2021	9:45 PM	54.5	55	54.5	81	48.8	0	---	0	0	---	54.5	54.2	54.2	29.379
10/24/2021	10:00 PM	54.6	54.7	54.4	83	49.5	0	---	0	0	---	54.6	54.4	54.4	29.379
10/24/2021	10:15 PM	54.6	54.7	54.6	84	49.9	0	---	0	0	---	54.6	54.4	54.4	29.375
10/24/2021	10:30 PM	54.5	54.6	54.5	85	50.1	0	---	0	0	---	54.5	54.3	54.3	29.378
10/24/2021	10:45 PM	54.4	54.5	54.3	85	50	0	---	0	0	---	54.4	54.3	54.3	29.377
10/24/2021	11:00 PM	54.3	54.4	54.3	85	49.9	0	---	0	0	---	54.3	54.2	54.2	29.375
10/24/2021	11:15 PM	54.1	54.3	54.1	86	50	0	---	0	0	---	54.1	54	54	29.371
10/24/2021	11:30 PM	53.9	54.1	53.9	86	49.8	0	---	0	0	---	53.9	53.8	53.8	29.369
10/24/2021	11:45 PM	53.6	53.9	53.6	87	49.8	0	---	0	0	---	53.6	53.6	53.6	29.367
10/25/2021	12:00 AM	53.2	53.6	53.2	88	49.7	0	---	0	0	---	53.2	53.2	53.2	29.365
10/25/2021	12:15 AM	53	53.2	53	88	49.5	0	---	0	0	---	53	53	53	29.366
10/25/2021	12:30 AM	52.8	53	52.8	89	49.6	0	---	0	0	---	52.8	52.9	52.9	29.37
10/25/2021	12:45 AM	52.7	52.8	52.6	89	49.5	0	---	0	0	---	52.7	52.8	52.8	29.366
10/25/2021	1:00 AM	52.8	52.9	52.7	89	49.6	0	ESE	0	2	ESE	52.8	52.9	52.9	29.361
10/25/2021	1:15 AM	52.9	53	52.8	89	49.7	0	---	0	0	---	52.9	53	53	29.356
10/25/2021	1:30 AM	52.8	53	52.8	90	49.9	0	---	0	0	---	52.8	52.9	52.9	29.347
10/25/2021	1:45 AM	52.4	52.8	52.4	89	49.3	0	---	0	0	---	52.4	52.5	52.5	29.353
10/25/2021	2:00 AM	52.1	52.4	52	91	49.6	0	---	0	0	---	52.1	52.3	52.3	29.35
10/25/2021	2:15 AM	51.9	52.1	51.9	91	49.4	0	---	0	0	---	51.9	52.1	52.1	29.35
10/25/2021	2:30 AM	51.8	52	51.8	91	49.3	0	---	0	0	---	51.8	52	52	29.346
10/25/2021	2:45 AM	51.7	51.8	51.7	91	49.2	0	---	0	0	---	51.7	51.9	51.9	29.354
10/25/2021	3:00 AM	51.6	51.7	51.6	91	49.1	0	ESE	0	2	ESE	51.6	51.8	51.8	29.352
10/25/2021	3:15 AM	51.4	51.6	51.4	92	49.2	0	NNW	0	3	NNW	51.4	51.7	51.7	29.345
10/25/2021	3:30 AM	51.3	51.4	51.3	92	49.1	0	---	0	0	---	51.3	51.6	51.6	29.342
10/25/2021	3:45 AM	51.4	51.4	51.3	92	49.2	0	---	0	0	---	51.4	51.7	51.7	29.334
10/25/2021	4:00 AM	51.3	51.4	51.3	92	49.1	0	---	0	0	---	51.3	51.6	51.6	29.326
10/25/2021	4:15 AM	51.5	51.5	51.3	93	49.5	0	N	0	2	N	51.5	51.8	51.8	29.319
10/25/2021	4:30 AM	51.4	51.5	51.4	92	49.2	0	---	0	0	---	51.4	51.7	51.7	29.319
10/25/2021	4:45 AM	51.3	51.5	51.3	92	49.1	0	---	0	0	---	51.3	51.6	51.6	29.318
10/25/2021	5:00 AM	50.8	51.3	50.7	92	48.6	0	N	0	2	N	50.8	51.1	51.1	29.311
10/25/2021	5:15 AM	50	50.7	50	93	48.1	0	---	0	0	---	50	50.4	50.4	29.307
10/25/2021	5:30 AM	49.6	50	49.5	93	47.7	0	---	0	0	---	49.6	50	50	29.306
10/25/2021	5:45 AM	48.8	49.6	48.8	93	46.9	0	---	0	0	---	48.8	49.2	49.2	29.311
10/25/2021	6:00 AM	48.4	48.9	48.3	94	46.8	0	---	0	0	---	48.4	48.8	48.8	29.315
10/25/2021	6:15 AM	48.2	48.4	48.2	94	46.6	0	---	0	0	---	48.2	48.6	48.6	29.308
10/25/2021	6:30 AM	47.9	48.2	47.9	94	46.3	0	---	0	0	---	47.9	48.3	48.3	29.31

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/24/2021	9:45 PM	0	0	0.109	0	79.3	35	49.3	77.7	6.86	0.0714	300	8	100	15
10/24/2021	10:00 PM	0	0	0.108	0	79.2	35	49.2	77.6	6.87	0.0714	300	8	100	15
10/24/2021	10:15 PM	0	0	0.108	0	79	35	49	77.4	6.87	0.0715	300	8	100	15
10/24/2021	10:30 PM	0	0	0.109	0	78.8	35	48.8	77.2	6.87	0.0715	261	8	89.7	15
10/24/2021	10:45 PM	0	0	0.11	0	78.8	35	48.8	77.2	6.87	0.0715	224	8	77	15
10/24/2021	11:00 PM	0	0	0.111	0	78.5	36	49.3	77	6.98	0.0715	300	8	100	15
10/24/2021	11:15 PM	0	0	0.114	0	78.2	36	49.1	76.7	6.99	0.0716	300	8	100	15
10/24/2021	11:30 PM	0	0	0.116	0	77.9	36	48.8	76.4	6.99	0.0716	300	8	100	15
10/24/2021	11:45 PM	0	0	0.119	0	77.8	36	48.7	76.3	6.99	0.0716	300	8	100	15
10/25/2021	12:00 AM	0	0	0.123	0	77.4	36	48.3	75.9	7	0.0717	300	8	100	15
10/25/2021	12:15 AM	0	0	0.125	0	77.3	36	48.3	75.9	7	0.0717	300	8	100	15
10/25/2021	12:30 AM	0	0	0.127	0	76.9	36	47.9	75.5	7.01	0.0718	298	8	100	15
10/25/2021	12:45 AM	0	0	0.128	0	76.7	36	47.7	75.3	7.02	0.0718	300	8	100	15
10/25/2021	1:00 AM	0	0	0.127	0	76.5	36	47.6	75.1	7.02	0.0718	299	8	100	15
10/25/2021	1:15 AM	0	0	0.126	0	76.3	37	48.1	75	7.22	0.0718	299	8	100	15
10/25/2021	1:30 AM	0	0	0.127	0	76.2	37	48	74.9	7.23	0.0718	300	8	100	15
10/25/2021	1:45 AM	0	0	0.131	0	76	37	47.8	74.7	7.23	0.0719	300	8	100	15
10/25/2021	2:00 AM	0	0	0.134	0	75.8	37	47.7	74.5	7.23	0.0719	300	8	100	15
10/25/2021	2:15 AM	0	0	0.136	0	75.7	37	47.6	74.4	7.24	0.0719	299	8	100	15
10/25/2021	2:30 AM	0	0	0.138	0	75.5	37	47.4	74.2	7.24	0.0719	300	8	100	15
10/25/2021	2:45 AM	0	0	0.139	0	75.5	37	47.4	74.2	7.24	0.0719	299	8	100	15
10/25/2021	3:00 AM	0	0	0.14	0	75.4	37	47.3	74.1	7.24	0.0719	300	8	100	15
10/25/2021	3:15 AM	0	0	0.142	0	75.2	37	47.1	73.9	7.25	0.072	300	8	100	15
10/25/2021	3:30 AM	0	0	0.143	0	75.1	38	47.8	73.9	7.35	0.0719	300	8	100	15
10/25/2021	3:45 AM	0	0	0.142	0	74.9	38	47.6	73.7	7.35	0.072	300	8	100	15
10/25/2021	4:00 AM	0	0	0.143	0	74.7	38	47.4	73.4	7.36	0.072	300	8	100	15
10/25/2021	4:15 AM	0	0	0.141	0	74.5	38	47.2	73.2	7.37	0.072	300	8	100	15
10/25/2021	4:30 AM	0	0	0.142	0	74.4	38	47.1	73.1	7.37	0.072	300	8	100	15
10/25/2021	4:45 AM	0	0	0.143	0	74.3	38	47	73	7.38	0.072	300	8	100	15
10/25/2021	5:00 AM	0	0	0.148	0	74.1	38	46.9	72.8	7.39	0.072	299	8	100	15
10/25/2021	5:15 AM	0	0	0.156	0	73.9	38	46.7	72.6	7.39	0.0721	300	8	100	15
10/25/2021	5:30 AM	0	0	0.16	0	73.7	38	46.5	72.3	7.4	0.0721	300	8	100	15
10/25/2021	5:45 AM	0	0	0.169	0	73.5	38	46.3	72.1	7.41	0.0721	300	8	100	15
10/25/2021	6:00 AM	0	0	0.173	0	73.2	38	46.1	71.8	7.42	0.0722	300	8	100	15
10/25/2021	6:15 AM	0	0	0.175	0	72.8	38	45.7	71.2	7.44	0.0722	300	8	100	15
10/25/2021	6:30 AM	0	0	0.178	0	72.5	38	45.4	70.8	7.45	0.0723	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/25/2021	6:45 AM	47.8	47.9	47.8	94	46.2	0	---	0	0	---	47.8	48.1	48.1	29.301
10/25/2021	7:00 AM	47.4	47.8	47.3	94	45.8	0	---	0	0	---	47.4	47.7	47.7	29.311
10/25/2021	7:15 AM	47	47.4	46.9	95	45.6	0	---	0	0	---	47	47.3	47.3	29.313
10/25/2021	7:30 AM	46.9	47	46.8	95	45.5	0	---	0	0	---	46.9	47.2	47.2	29.306
10/25/2021	7:45 AM	46.6	46.9	46.6	95	45.2	0	N	0	2	N	46.6	46.9	46.9	29.298
10/25/2021	8:00 AM	46.6	46.7	46.6	94	45	0	---	0	0	---	46.6	46.9	46.9	29.3
10/25/2021	8:15 AM	46.5	46.6	46.4	95	45.1	0	---	0	0	---	46.5	46.8	46.8	29.298
10/25/2021	8:30 AM	46.9	46.9	46.5	95	45.5	0	E	0	2	E	46.9	47.2	47.2	29.291
10/25/2021	8:45 AM	49	49	46.9	92	46.8	0	ENE	0	1	ENE	49	49.4	49.4	29.28
10/25/2021	9:00 AM	50.7	50.7	49	91	48.2	0	---	0	0	---	50.7	51	51	29.28
10/25/2021	9:15 AM	53.7	53.7	50.7	89	50.5	0	---	0	0	---	53.7	53.8	53.8	29.282
10/25/2021	9:30 AM	54.6	54.7	53.7	88	51.1	0	---	0	0	---	54.6	54.6	54.6	29.282
10/25/2021	9:45 AM	57.1	57.1	54.7	82	51.7	0	---	0	0	---	57.1	56.8	56.8	29.278
10/25/2021	10:00 AM	58.9	58.9	57.1	77	51.7	1	N	0.25	2	ENE	58.9	58.5	58.5	29.27
10/25/2021	10:15 AM	62.5	62.5	58.9	68	51.8	1	N	0.25	2	N	62.5	61.8	61.8	29.264
10/25/2021	10:30 AM	63.7	63.7	62.5	63	50.9	0	N	0	2	N	63.7	62.8	62.8	29.252
10/25/2021	10:45 AM	65.9	65.9	63.8	60	51.6	0	SSE	0	2	SSE	65.9	65	65	29.256
10/25/2021	11:00 AM	68	68	66	54	50.7	1	ESE	0.25	4	SE	68	67	67	29.248
10/25/2021	11:15 AM	69.4	69.4	68	53	51.5	1	ESE	0.25	6	E	69.4	68.1	68.1	29.235
10/25/2021	11:30 AM	69.5	69.9	69.4	55	52.6	2	WSW	0.5	7	WSW	69.5	68.4	68.4	29.221
10/25/2021	11:45 AM	70.6	70.6	69.5	53	52.6	2	SW	0.5	6	SSW	70.6	69.4	69.4	29.214
10/25/2021	12:00 PM	72.2	72.2	70.6	47	50.8	2	ESE	0.5	7	SSE	72.2	71.1	71.1	29.203
10/25/2021	12:15 PM	71.4	72.2	71.4	50	51.8	2	WSW	0.5	5	WSW	71.4	70.3	70.3	29.188
10/25/2021	12:30 PM	72.9	72.9	71.4	50	53.2	2	WSW	0.5	10	WSW	72.9	72.4	72.4	29.18
10/25/2021	12:45 PM	73.6	73.7	72.9	45	50.9	2	SW	0.5	8	WSW	73.6	72.8	72.8	29.157
10/25/2021	1:00 PM	73.9	74	73.5	47	52.4	3	SW	0.75	8	WSW	73.9	73.4	73.4	29.139
10/25/2021	1:15 PM	74.9	74.9	73.6	43	50.9	3	W	0.75	9	WSW	74.9	74.1	74.1	29.123
10/25/2021	1:30 PM	74.9	75	74.8	47	53.3	2	SW	0.5	9	WSW	74.9	74.5	74.5	29.111
10/25/2021	1:45 PM	74	74.9	74	46	51.9	3	WSW	0.75	9	W	74	73.4	73.4	29.094
10/25/2021	2:00 PM	73.4	74	73.3	42	48.9	2	SW	0.5	7	WNW	73.4	72.3	72.3	29.081
10/25/2021	2:15 PM	73	73.4	73	46	51	1	S	0.25	11	SSE	73	72.2	72.2	29.072
10/25/2021	2:30 PM	71.5	73	71.5	57	55.5	0	SSW	0	2	SSW	71.5	71	71	29.061
10/25/2021	2:45 PM	69.6	71.5	69.6	56	53.2	2	NNW	0.5	10	WSW	69.6	68.6	68.6	29.056
10/25/2021	3:00 PM	66.1	69.5	66.1	61	52.3	3	NNW	0.75	14	W	66.1	65.3	65.3	29.071
10/25/2021	3:15 PM	59.9	66	59.9	81	54.1	5	WNW	1.25	13	WSW	59.9	59.7	59.7	29.107
10/25/2021	3:30 PM	58	59.8	58	87	54.2	5	WNW	1.25	20	SSE	57.6	58	57.6	29.138

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/25/2021	6:45 AM	0	0	0.179	0	72.3	38	45.3	70.5	7.46	0.0723	299	8	100	15
10/25/2021	7:00 AM	0	0	0.183	0	72	39	45.7	70.1	7.61	0.0724	299	8	100	15
10/25/2021	7:15 AM	0	0	0.188	0	71.8	39	45.5	69.8	7.61	0.0724	299	8	100	15
10/25/2021	7:30 AM	0	0	0.189	0	71.6	39	45.3	69.6	7.62	0.0724	300	8	100	15
10/25/2021	7:45 AM	0	0	0.192	0	71.3	39	45.1	69.1	7.62	0.0724	300	8	100	15
10/25/2021	8:00 AM	0	0	0.192	0	71	39	44.8	68.7	7.63	0.0725	300	8	100	15
10/25/2021	8:15 AM	0	0	0.193	0	70.8	39	44.6	68.5	7.63	0.0725	300	8	100	15
10/25/2021	8:30 AM	0	0	0.189	0	70.8	39	44.6	68.5	7.63	0.0725	300	8	100	15
10/25/2021	8:45 AM	0	0	0.167	0	70.6	39	44.4	68.2	7.64	0.0725	299	8	100	15
10/25/2021	9:00 AM	0	0	0.149	0	70.6	40	45.1	68.3	7.74	0.0725	299	8	100	15
10/25/2021	9:15 AM	0	0	0.118	0	70.9	40	45.4	68.7	7.73	0.0724	300	8	100	15
10/25/2021	9:30 AM	0	0	0.108	0	71.2	41	46.3	69.2	7.9	0.0724	300	8	100	15
10/25/2021	9:45 AM	0	0	0.082	0	71.8	41	46.8	70	7.88	0.0723	300	8	100	15
10/25/2021	10:00 AM	0	0	0.064	0	72.3	41	47.3	70.7	7.86	0.0722	300	8	100	15
10/25/2021	10:15 AM	0	0	0.026	0	72.9	41	47.8	71.6	7.83	0.072	299	8	100	15
10/25/2021	10:30 AM	0	0	0.014	0	73.7	42	49.2	72.7	7.98	0.0719	300	8	100	15
10/25/2021	10:45 AM	0	0	0	0.009	74.5	42	49.9	73.6	7.96	0.0717	299	8	100	15
10/25/2021	11:00 AM	0	0	0	0.031	75.4	42	50.7	74.5	7.94	0.0716	300	8	100	15
10/25/2021	11:15 AM	0	0	0	0.046	76.4	42	51.6	75.5	7.92	0.0714	299	8	100	15
10/25/2021	11:30 AM	0	0	0	0.047	77.1	41	51.6	76.1	7.75	0.0713	300	8	100	15
10/25/2021	11:45 AM	0	0	0	0.058	78.1	41	52.5	77	7.75	0.0711	300	8	100	15
10/25/2021	12:00 PM	0	0	0	0.075	79	41	53.3	77.9	7.75	0.0709	300	8	100	15
10/25/2021	12:15 PM	0	0	0	0.067	79.9	41	54.1	78.7	7.75	0.0707	300	8	100	15
10/25/2021	12:30 PM	0	0	0	0.082	80.8	41	54.9	79.7	7.73	0.0705	299	8	100	15
10/25/2021	12:45 PM	0	0	0	0.09	81.8	40	55.1	80.7	7.55	0.0703	300	8	100	15
10/25/2021	1:00 PM	0	0	0	0.093	82.7	40	55.9	81.7	7.55	0.0702	299	8	100	15
10/25/2021	1:15 PM	0	0	0	0.103	83.8	40	56.9	82.9	7.55	0.0699	300	8	100	15
10/25/2021	1:30 PM	0	0	0	0.103	84.8	39	57.1	83.9	7.35	0.0698	294	8	100	15
10/25/2021	1:45 PM	0	0	0	0.094	85.8	39	58	85.1	7.33	0.0696	298	8	100	15
10/25/2021	2:00 PM	0	0	0	0.088	86.5	38	57.9	85.7	7.22	0.0694	297	8	100	15
10/25/2021	2:15 PM	0	0	0	0.083	86.9	37	57.5	86	7.01	0.0694	299	8	100	15
10/25/2021	2:30 PM	0	0	0	0.068	87.1	36	56.9	86	6.79	0.0694	298	8	100	15
10/25/2021	2:45 PM	0	0	0	0.048	87.3	36	57.1	86.3	6.8	0.0693	300	8	100	15
10/25/2021	3:00 PM	0	0	0	0.011	87.2	35	56.2	85.9	6.69	0.0694	299	8	100	15
10/25/2021	3:15 PM	0.02	0.25	0.053	0	86.4	34	54.7	84.8	6.48	0.0697	296	8	100	15
10/25/2021	3:30 PM	0.02	0.25	0.073	0	85	34	53.5	83.3	6.45	0.07	298	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/25/2021	3:45 PM	57.5	58	57.5	89	54.3	3	NNW	0.75	11	N	57.5	57.6	57.6	29.139
10/25/2021	4:00 PM	57.2	57.5	57.2	90	54.3	1	W	0.25	5	SSE	57.2	57.3	57.3	29.146
10/25/2021	4:15 PM	57.1	57.2	57	93	55.1	0	ESE	0	3	SE	57.1	57.3	57.3	29.161
10/25/2021	4:30 PM	56.9	57.1	56.8	94	55.2	1	E	0.25	2	SE	56.9	57.2	57.2	29.154
10/25/2021	4:45 PM	57	57	56.9	95	55.6	1	E	0.25	4	N	57	57.3	57.3	29.141
10/25/2021	5:00 PM	57	57.1	57	94	55.3	0	E	0	3	E	57	57.3	57.3	29.145
10/25/2021	5:15 PM	57	57.1	56.9	94	55.3	1	SSE	0.25	4	SSE	57	57.3	57.3	29.15
10/25/2021	5:30 PM	57	57	56.9	95	55.6	0	ESE	0	3	SSE	57	57.3	57.3	29.146
10/25/2021	5:45 PM	57.1	57.1	57	95	55.7	0	---	0	0	---	57.1	57.4	57.4	29.141
10/25/2021	6:00 PM	57.2	57.3	57.1	95	55.8	0	---	0	0	---	57.2	57.5	57.5	29.133
10/25/2021	6:15 PM	57.3	57.3	57.2	95	55.9	0	---	0	0	---	57.3	57.6	57.6	29.128
10/25/2021	6:30 PM	57.2	57.3	57.2	95	55.8	0	N	0	2	N	57.2	57.5	57.5	29.129
10/25/2021	6:45 PM	57.2	57.3	57.1	96	56.1	0	---	0	0	---	57.2	57.6	57.6	29.126
10/25/2021	7:00 PM	57.2	57.3	57.2	96	56.1	0	WNW	0	2	NNE	57.2	57.6	57.6	29.115
10/25/2021	7:15 PM	57.2	57.3	57.2	96	56.1	0	WNW	0	1	W	57.2	57.6	57.6	29.105
10/25/2021	7:30 PM	57.2	57.2	57.1	96	56.1	0	---	0	0	---	57.2	57.6	57.6	29.098
10/25/2021	7:45 PM	57.2	57.3	57.2	96	56.1	0	NNW	0	3	NNW	57.2	57.6	57.6	29.093
10/25/2021	8:00 PM	57.2	57.3	57.2	96	56.1	1	NNW	0.25	3	NNW	57.2	57.6	57.6	29.086
10/25/2021	8:15 PM	56.4	57.2	56.4	95	55	0	SSE	0	3	SE	56.4	56.7	56.7	29.094
10/25/2021	8:30 PM	55.9	56.5	55.9	96	54.8	0	WSW	0	2	S	55.9	56.3	56.3	29.1
10/25/2021	8:45 PM	55.6	55.9	55.5	97	54.8	0	---	0	0	---	55.6	56.1	56.1	29.101
10/25/2021	9:00 PM	56.2	56.2	55.6	97	55.4	0	WSW	0	1	WSW	56.2	56.7	56.7	29.11
10/25/2021	9:15 PM	56.3	56.3	56.1	97	55.5	0	---	0	0	---	56.3	56.8	56.8	29.113
10/25/2021	9:30 PM	56.5	56.5	56.3	98	55.9	0	WNW	0	2	W	56.5	57.1	57.1	29.119
10/25/2021	9:45 PM	57.2	57.2	56.4	97	56.4	1	WSW	0.25	4	W	57.2	57.7	57.7	29.126
10/25/2021	10:00 PM	57.6	57.7	57.1	94	55.9	2	SW	0.5	7	SW	57.6	57.9	57.9	29.135
10/25/2021	10:15 PM	57.2	57.7	57.2	91	54.6	4	SW	1	11	SW	57.2	57.4	57.4	29.142
10/25/2021	10:30 PM	56.5	57.3	56.5	89	53.3	4	SW	1	9	W	56.4	56.5	56.4	29.142
10/25/2021	10:45 PM	56.1	56.6	56.1	90	53.2	4	SW	1	11	WSW	55.9	56.2	56	29.143
10/25/2021	11:00 PM	55.6	56.1	55.5	89	52.4	4	SW	1	11	W	55.3	55.6	55.3	29.153
10/25/2021	11:15 PM	55.1	55.6	55.1	89	51.9	3	WSW	0.75	13	W	55.1	55.1	55.1	29.168
10/25/2021	11:30 PM	54.7	55.1	54.7	86	50.6	5	W	1.25	11	SW	53.7	54.6	53.6	29.179
10/25/2021	11:45 PM	53.7	54.7	53.7	83	48.7	5	WSW	1.25	17	SW	52.5	53.5	52.3	29.184
10/26/2021	12:00 AM	52.9	53.7	52.9	81	47.2	4	SW	1	10	SW	52.2	52.7	52	29.189
10/26/2021	12:15 AM	52.5	52.9	52.5	80	46.5	3	SW	0.75	9	SW	52.5	52.3	52.3	29.202
10/26/2021	12:30 AM	52.2	52.5	52.2	80	46.2	4	SW	1	12	SW	51.4	52	51.2	29.204

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/25/2021	3:45 PM	0.02	0.12	0.078	0	83.5	34	52.2	81.7	6.51	0.0702	298	8	100	15
10/25/2021	4:00 PM	0.05	0.43	0.081	0	82.2	35	51.8	80.5	6.76	0.0704	298	8	100	15
10/25/2021	4:15 PM	0.05	0.34	0.082	0	81	35	50.8	79.3	6.81	0.0706	300	8	100	15
10/25/2021	4:30 PM	0.08	0.96	0.084	0	80.3	36	50.9	78.7	6.94	0.0707	299	8	100	15
10/25/2021	4:45 PM	0.01	0.24	0.083	0	79.6	36	50.3	78	6.96	0.0708	297	8	100	15
10/25/2021	5:00 PM	0.01	0.07	0.083	0	79.1	37	50.6	77.7	7.17	0.0708	300	8	100	15
10/25/2021	5:15 PM	0	0	0.083	0	78.6	37	50.1	77.2	7.18	0.0709	299	8	100	15
10/25/2021	5:30 PM	0	0	0.083	0	78.2	38	50.5	76.8	7.29	0.071	300	8	100	15
10/25/2021	5:45 PM	0	0	0.082	0	77.9	38	50.2	76.6	7.29	0.071	298	8	100	15
10/25/2021	6:00 PM	0	0	0.081	0	77.7	38	50.1	76.4	7.3	0.071	299	8	100	15
10/25/2021	6:15 PM	0	0	0.08	0	77.6	39	50.7	76.4	7.5	0.071	298	8	100	15
10/25/2021	6:30 PM	0	0	0.081	0	77.5	39	50.6	76.3	7.5	0.071	300	8	100	15
10/25/2021	6:45 PM	0	0	0.081	0	77.3	39	50.4	76.1	7.5	0.071	300	8	100	15
10/25/2021	7:00 PM	0	0	0.081	0	77.2	39	50.3	76	7.51	0.071	299	8	100	15
10/25/2021	7:15 PM	0	0	0.081	0	77.1	40	50.9	76	7.61	0.071	293	8	100	15
10/25/2021	7:30 PM	0	0	0.081	0	77	40	50.8	75.9	7.61	0.071	298	8	100	15
10/25/2021	7:45 PM	0	0	0.081	0	76.9	40	50.7	75.8	7.61	0.071	298	8	100	15
10/25/2021	8:00 PM	0.01	0	0.081	0	76.8	40	50.6	75.7	7.61	0.071	299	8	100	15
10/25/2021	8:15 PM	0	0	0.09	0	76.6	40	50.5	75.5	7.62	0.071	300	8	100	15
10/25/2021	8:30 PM	0	0	0.095	0	76.4	40	50.3	75.3	7.62	0.0711	300	8	100	15
10/25/2021	8:45 PM	0	0	0.098	0	76.2	40	50.1	75.1	7.63	0.0711	300	8	100	15
10/25/2021	9:00 PM	0	0	0.092	0	76.1	41	50.7	75.1	7.75	0.0711	300	8	100	15
10/25/2021	9:15 PM	0	0	0.091	0	76	41	50.6	75	7.75	0.0712	298	8	100	15
10/25/2021	9:30 PM	0	0	0.089	0	76	41	50.6	75	7.75	0.0712	299	8	100	15
10/25/2021	9:45 PM	0	0	0.081	0	76	41	50.6	75	7.75	0.0712	299	8	100	15
10/25/2021	10:00 PM	0	0	0.077	0	75.9	41	50.5	74.9	7.75	0.0712	300	8	100	15
10/25/2021	10:15 PM	0	0	0.081	0	75.8	41	50.4	74.8	7.75	0.0713	298	8	100	15
10/25/2021	10:30 PM	0	0	0.089	0	75.5	41	50.1	74.5	7.75	0.0713	298	8	100	15
10/25/2021	10:45 PM	0	0	0.093	0	75.1	41	49.8	74.1	7.75	0.0714	300	8	100	15
10/25/2021	11:00 PM	0	0	0.098	0	74.8	41	49.5	73.8	7.76	0.0715	297	8	100	15
10/25/2021	11:15 PM	0	0	0.103	0	74.5	41	49.2	73.4	7.77	0.0715	300	8	100	15
10/25/2021	11:30 PM	0	0	0.107	0	74.2	41	49	73.1	7.78	0.0716	297	8	100	15
10/25/2021	11:45 PM	0	0	0.118	0	73.8	41	48.6	72.7	7.8	0.0717	299	8	100	15
10/26/2021	12:00 AM	0	0	0.126	0	73.3	41	48.2	72.1	7.82	0.0718	298	8	100	15
10/26/2021	12:15 AM	0	0	0.13	0	72.8	41	47.7	71.5	7.84	0.0719	300	8	100	15
10/26/2021	12:30 AM	0	0	0.133	0	72.4	41	47.4	70.9	7.85	0.072	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/26/2021	12:45 AM	52	52.2	51.9	80	46	3	W	0.75	11	SW	51.9	51.8	51.7	29.206
10/26/2021	1:00 AM	51.8	52	51.8	81	46.2	2	WSW	0.5	7	W	51.8	51.6	51.6	29.207
10/26/2021	1:15 AM	51.5	51.9	51.4	86	47.5	2	WSW	0.5	8	SSW	51.5	51.5	51.5	29.205
10/26/2021	1:30 AM	50.8	51.5	50.8	86	46.8	3	WSW	0.75	10	WSW	50.6	50.9	50.7	29.208
10/26/2021	1:45 AM	50.5	50.9	50.5	85	46.2	2	WSW	0.5	6	WSW	50.5	50.5	50.5	29.21
10/26/2021	2:00 AM	50.3	50.5	50.3	86	46.3	2	SW	0.5	7	WSW	50.3	50.4	50.4	29.212
10/26/2021	2:15 AM	50.1	50.3	50.1	85	45.8	3	SW	0.75	9	W	49.8	50.2	49.9	29.215
10/26/2021	2:30 AM	50.1	50.2	50	85	45.8	3	SW	0.75	8	SSW	49.8	50.2	49.9	29.21
10/26/2021	2:45 AM	49.6	50.1	49.6	87	45.9	1	SW	0.25	4	WSW	49.6	49.8	49.8	29.202
10/26/2021	3:00 AM	49.4	49.7	49.3	88	46	1	SW	0.25	3	S	49.4	49.6	49.6	29.202
10/26/2021	3:15 AM	49.3	49.5	49.3	88	45.9	1	SW	0.25	6	WSW	49.3	49.5	49.5	29.197
10/26/2021	3:30 AM	49.2	49.4	49.2	89	46.1	1	WSW	0.25	6	SW	49.2	49.5	49.5	29.2
10/26/2021	3:45 AM	49	49.2	49	89	45.9	3	WSW	0.75	10	WSW	48.5	49.3	48.8	29.204
10/26/2021	4:00 AM	48.9	49	48.8	90	46.1	3	SW	0.75	9	WSW	48.4	49.2	48.7	29.202
10/26/2021	4:15 AM	48.8	48.9	48.7	90	46	3	SW	0.75	7	WSW	48.3	49.1	48.6	29.203
10/26/2021	4:30 AM	48.7	48.8	48.7	91	46.2	2	WSW	0.5	8	S	48.7	49	49	29.203
10/26/2021	4:45 AM	48.5	48.7	48.5	93	46.6	3	SW	0.75	8	WSW	48	48.9	48.4	29.207
10/26/2021	5:00 AM	48.3	48.5	48.3	93	46.4	1	SW	0.25	6	SW	48.3	48.6	48.6	29.208
10/26/2021	5:15 AM	48.3	48.3	48.2	94	46.7	1	SW	0.25	6	W	48.3	48.7	48.7	29.208
10/26/2021	5:30 AM	48.2	48.3	48.2	94	46.6	1	SW	0.25	5	SW	48.2	48.6	48.6	29.213
10/26/2021	5:45 AM	48.3	48.4	48.3	94	46.7	1	WSW	0.25	4	SW	48.3	48.7	48.7	29.217
10/26/2021	6:00 AM	48.5	48.5	48.4	94	46.9	1	WSW	0.25	5	SW	48.5	48.9	48.9	29.221
10/26/2021	6:15 AM	48.6	48.6	48.4	93	46.7	1	SW	0.25	4	SSW	48.6	49	49	29.223
10/26/2021	6:30 AM	48.7	48.7	48.5	93	46.8	1	WSW	0.25	5	WSW	48.7	49.1	49.1	29.224
10/26/2021	6:45 AM	48.7	48.8	48.7	94	47.1	1	WSW	0.25	5	SW	48.7	49.1	49.1	29.225
10/26/2021	7:00 AM	48.6	48.7	48.5	95	47.2	1	W	0.25	4	WNW	48.6	49.1	49.1	29.229
10/26/2021	7:15 AM	48.4	48.6	48.4	96	47.3	1	WSW	0.25	3	WNW	48.4	48.9	48.9	29.228
10/26/2021	7:30 AM	48.4	48.4	48.3	96	47.3	1	SW	0.25	2	SW	48.4	48.9	48.9	29.236
10/26/2021	7:45 AM	48.3	48.4	48.3	96	47.2	1	WSW	0.25	4	SSW	48.3	48.8	48.8	29.236
10/26/2021	8:00 AM	48.3	48.3	48.2	96	47.2	1	WSW	0.25	3	SW	48.3	48.8	48.8	29.237
10/26/2021	8:15 AM	48.3	48.3	48.2	97	47.5	0	WSW	0	2	WSW	48.3	48.8	48.8	29.24
10/26/2021	8:30 AM	48.4	48.4	48.2	96	47.3	1	WSW	0.25	3	SSW	48.4	48.9	48.9	29.239
10/26/2021	8:45 AM	48.6	48.6	48.3	94	47	1	SW	0.25	6	NNW	48.6	49	49	29.24
10/26/2021	9:00 AM	48.8	48.9	48.6	88	45.4	3	W	0.75	10	W	48.3	49	48.5	29.241
10/26/2021	9:15 AM	48.9	49	48.8	88	45.5	4	WSW	1	11	WSW	47.6	49.1	47.8	29.249
10/26/2021	9:30 AM	49.4	49.4	48.8	87	45.7	3	W	0.75	10	NW	49	49.6	49.2	29.257

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/26/2021	12:45 AM	0	0	0.135	0	72.1	41	47.1	70.4	7.87	0.072	299	8	100	15
10/26/2021	1:00 AM	0	0	0.138	0	71.8	41	46.8	70	7.88	0.0721	299	8	100	15
10/26/2021	1:15 AM	0	0	0.141	0	71.6	41	46.6	69.7	7.89	0.0721	299	8	100	15
10/26/2021	1:30 AM	0	0	0.148	0	71.3	41	46.4	69.3	7.9	0.0722	299	8	100	15
10/26/2021	1:45 AM	0	0	0.151	0	71.1	41	46.2	69	7.91	0.0722	299	8	100	15
10/26/2021	2:00 AM	0	0	0.153	0	70.9	41	46	68.8	7.91	0.0722	299	8	100	15
10/26/2021	2:15 AM	0	0	0.155	0	70.6	41	45.7	68.4	7.93	0.0723	298	8	100	15
10/26/2021	2:30 AM	0	0	0.155	0	70.4	41	45.6	68.1	7.93	0.0723	299	8	100	15
10/26/2021	2:45 AM	0	0	0.16	0	70.1	42	45.9	67.8	8.05	0.0723	300	8	100	15
10/26/2021	3:00 AM	0	0	0.162	0	70	42	45.8	67.7	8.05	0.0723	300	8	100	15
10/26/2021	3:15 AM	0	0	0.164	0	69.9	42	45.8	67.6	8.05	0.0724	298	8	100	15
10/26/2021	3:30 AM	0	0	0.165	0	69.8	42	45.7	67.5	8.05	0.0724	300	8	100	15
10/26/2021	3:45 AM	0	0	0.167	0	69.6	42	45.5	67.3	8.06	0.0724	300	8	100	15
10/26/2021	4:00 AM	0	0	0.168	0	69.4	42	45.3	67.1	8.06	0.0724	300	8	100	15
10/26/2021	4:15 AM	0	0	0.169	0	69.2	42	45.1	66.9	8.07	0.0725	299	8	100	15
10/26/2021	4:30 AM	0	0	0.17	0	69	42	44.9	66.7	8.07	0.0725	297	8	100	15
10/26/2021	4:45 AM	0	0	0.172	0	68.8	42	44.8	66.5	8.07	0.0726	298	8	100	15
10/26/2021	5:00 AM	0	0	0.174	0	68.4	42	44.4	66.2	8.08	0.0726	298	8	100	15
10/26/2021	5:15 AM	0	0	0.174	0	68.2	42	44.2	66.1	8.09	0.0727	300	8	100	15
10/26/2021	5:30 AM	0	0	0.175	0	68.1	43	44.7	66.1	8.25	0.0727	300	8	100	15
10/26/2021	5:45 AM	0	0	0.174	0	68	43	44.7	66	8.25	0.0727	299	8	100	15
10/26/2021	6:00 AM	0	0	0.172	0	68	43	44.7	66	8.25	0.0727	299	8	100	15
10/26/2021	6:15 AM	0	0	0.171	0	68.1	43	44.7	66.1	8.25	0.0727	297	8	100	15
10/26/2021	6:30 AM	0	0	0.17	0	68.2	43	44.8	66.2	8.25	0.0727	298	8	100	15
10/26/2021	6:45 AM	0	0	0.17	0	68.3	43	44.9	66.2	8.25	0.0727	299	8	100	15
10/26/2021	7:00 AM	0	0	0.171	0	68.2	43	44.8	66.2	8.25	0.0727	299	8	100	15
10/26/2021	7:15 AM	0.01	0	0.173	0	68.1	43	44.7	66.1	8.25	0.0727	300	8	100	15
10/26/2021	7:30 AM	0.01	0.04	0.173	0	68	43	44.7	66	8.25	0.0727	300	8	100	15
10/26/2021	7:45 AM	0.02	0.06	0.174	0	67.9	43	44.6	65.9	8.25	0.0728	299	8	100	15
10/26/2021	8:00 AM	0.01	0.05	0.174	0	67.9	44	45.2	66	8.35	0.0727	299	8	100	15
10/26/2021	8:15 AM	0.02	0.11	0.174	0	67.8	44	45.1	65.9	8.35	0.0728	300	8	100	15
10/26/2021	8:30 AM	0.01	0.06	0.173	0	67.8	44	45.1	65.9	8.35	0.0728	300	8	100	15
10/26/2021	8:45 AM	0	0	0.171	0	67.7	44	45	65.8	8.35	0.0728	299	8	100	15
10/26/2021	9:00 AM	0	0	0.169	0	67.6	44	44.9	65.7	8.35	0.0728	299	8	100	15
10/26/2021	9:15 AM	0	0	0.168	0	67.4	44	44.7	65.4	8.35	0.0729	299	8	100	15
10/26/2021	9:30 AM	0	0	0.162	0	67.3	44	44.6	65.3	8.35	0.0729	298	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/26/2021	9:45 AM	49.6	49.7	49.4	83	44.6	4	W	1	10	NW	48.4	49.6	48.4	29.263
10/26/2021	10:00 AM	49.9	50	49.7	84	45.3	3	W	0.75	11	W	49.6	50	49.7	29.255
10/26/2021	10:15 AM	50.3	50.3	49.9	82	45	4	W	1	11	W	49.2	50.3	49.2	29.263
10/26/2021	10:30 AM	50.6	50.6	50.2	83	45.6	3	WSW	0.75	8	WNW	50.4	50.6	50.4	29.267
10/26/2021	10:45 AM	51.2	51.2	50.6	80	45.2	4	WNW	1	13	WSW	50.2	51	50	29.269
10/26/2021	11:00 AM	51.3	51.4	51.1	79	45	4	SW	1	10	WSW	50.4	51.1	50.2	29.274
10/26/2021	11:15 AM	51.9	51.9	51.3	77	44.9	4	NW	1	11	W	51.1	51.6	50.8	29.278
10/26/2021	11:30 AM	51.5	51.9	51.5	78	44.9	3	WSW	0.75	10	NW	51.4	51.2	51.1	29.278
10/26/2021	11:45 AM	51.3	51.6	51.3	79	45	2	WNW	0.5	7	SSW	51.3	51.1	51.1	29.276
10/26/2021	12:00 PM	51.3	51.4	51.1	84	46.6	3	W	0.75	8	W	51.1	51.3	51.1	29.276
10/26/2021	12:15 PM	51.8	51.8	51.3	81	46.2	3	WNW	0.75	8	NNW	51.7	51.6	51.5	29.268
10/26/2021	12:30 PM	51	51.9	51	81	45.4	4	NW	1	10	WSW	50	50.8	49.8	29.272
10/26/2021	12:45 PM	51.7	51.7	50.7	80	45.7	4	W	1	11	WSW	50.8	51.5	50.6	29.273
10/26/2021	1:00 PM	51.8	51.8	51.5	78	45.2	4	W	1	9	WSW	51	51.5	50.7	29.275
10/26/2021	1:15 PM	53.7	53.7	51.8	76	46.3	5	W	1.25	11	NW	52.5	53.2	52	29.276
10/26/2021	1:30 PM	53.6	54.2	53.6	72	44.8	4	WSW	1	10	WSW	53	52.9	52.3	29.274
10/26/2021	1:45 PM	53.6	53.7	53.3	67	42.9	5	NW	1.25	10	SW	52.4	52.7	51.5	29.274
10/26/2021	2:00 PM	51.4	53.7	51.4	80	45.4	4	NW	1	11	WNW	50.5	51.2	50.3	29.276
10/26/2021	2:15 PM	50.7	51.4	50.6	83	45.7	3	NW	0.75	9	NNE	50.5	50.7	50.5	29.282
10/26/2021	2:30 PM	51.1	51.2	50.5	81	45.5	3	NW	0.75	11	NNW	50.9	50.9	50.7	29.277
10/26/2021	2:45 PM	51.6	51.8	51.1	77	44.6	4	W	1	11	W	50.7	51.3	50.4	29.27
10/26/2021	3:00 PM	51.4	51.6	51.1	75	43.7	4	NW	1	11	W	50.5	51	50.1	29.264
10/26/2021	3:15 PM	53.4	53.4	51.4	71	44.2	5	W	1.25	13	W	52.2	52.7	51.5	29.261
10/26/2021	3:30 PM	51.9	53.4	51.9	71	42.8	4	WNW	1	16	NNW	51.1	51.3	50.5	29.262
10/26/2021	3:45 PM	51.7	52	51.6	72	43	4	W	1	10	W	50.8	51.1	50.2	29.268
10/26/2021	4:00 PM	50.6	51.7	50.5	74	42.6	4	WNW	1	13	NW	49.6	50.2	49.2	29.275
10/26/2021	4:15 PM	49.3	50.5	49.3	73	41	4	NW	1	12	N	48.1	49	47.8	29.284
10/26/2021	4:30 PM	49.8	49.8	49	69	40	4	NNW	1	11	NNE	48.7	49.4	48.3	29.285
10/26/2021	4:45 PM	50	50.3	49.8	68	39.8	4	NW	1	10	W	48.9	49.5	48.4	29.288
10/26/2021	5:00 PM	50.1	50.3	49.9	66	39.2	4	NW	1	14	SW	49	49.5	48.4	29.297
10/26/2021	5:15 PM	49.3	50.2	49.3	64	37.6	3	W	0.75	9	NNW	48.9	48.7	48.3	29.299
10/26/2021	5:30 PM	48.9	49.3	48.9	64	37.3	3	NW	0.75	7	WNW	48.4	48.3	47.8	29.297
10/26/2021	5:45 PM	48.8	49	48.8	64	37.2	3	W	0.75	9	WNW	48.3	48.1	47.6	29.296
10/26/2021	6:00 PM	48.3	48.9	48.3	65	37.1	2	W	0.5	6	W	48.3	47.6	47.6	29.295
10/26/2021	6:15 PM	48.5	48.5	48.3	66	37.7	1	WNW	0.25	7	W	48.5	47.9	47.9	29.3
10/26/2021	6:30 PM	47.2	48.5	47.2	68	37.2	2	W	0.5	7	NW	47.2	46.6	46.6	29.297

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/26/2021	9:45 AM	0	0	0.16	0	67.3	44	44.6	65.3	8.35	0.0729	297	8	100	15
10/26/2021	10:00 AM	0	0	0.157	0	67.3	44	44.6	65.3	8.35	0.0729	299	8	100	15
10/26/2021	10:15 AM	0	0	0.153	0	67.5	44	44.8	65.6	8.35	0.0729	296	8	100	15
10/26/2021	10:30 AM	0	0	0.15	0	67.6	44	44.9	65.7	8.35	0.0729	298	8	100	15
10/26/2021	10:45 AM	0	0	0.144	0	67.8	44	45.1	65.9	8.35	0.0728	296	8	100	15
10/26/2021	11:00 AM	0	0	0.143	0	67.9	44	45.2	66	8.35	0.0728	297	8	100	15
10/26/2021	11:15 AM	0	0	0.136	0	68.1	44	45.4	66.2	8.35	0.0728	300	8	100	15
10/26/2021	11:30 AM	0	0	0.141	0	68.4	44	45.6	66.4	8.35	0.0728	300	8	100	15
10/26/2021	11:45 AM	0	0	0.143	0	68.7	44	45.9	66.7	8.35	0.0727	299	8	100	15
10/26/2021	12:00 PM	0	0	0.143	0	68.9	44	46.1	66.8	8.35	0.0727	298	8	100	15
10/26/2021	12:15 PM	0	0	0.138	0	69.2	44	46.4	67.1	8.35	0.0726	299	8	100	15
10/26/2021	12:30 PM	0	0	0.146	0	69.5	44	46.6	67.4	8.35	0.0726	296	8	100	15
10/26/2021	12:45 PM	0	0	0.139	0	69.5	44	46.6	67.4	8.35	0.0726	298	8	100	15
10/26/2021	1:00 PM	0	0	0.138	0	69.7	44	46.8	67.5	8.35	0.0725	298	8	100	15
10/26/2021	1:15 PM	0	0	0.118	0	69.9	44	47	67.7	8.35	0.0725	300	8	100	15
10/26/2021	1:30 PM	0	0	0.119	0	70.2	44	47.3	68.1	8.35	0.0725	298	8	100	15
10/26/2021	1:45 PM	0	0	0.119	0	70.6	44	47.6	68.6	8.34	0.0724	298	8	100	15
10/26/2021	2:00 PM	0	0	0.142	0	71	44	48	69.1	8.33	0.0723	297	8	100	15
10/26/2021	2:15 PM	0	0	0.149	0	71.1	43	47.5	69.2	8.21	0.0723	298	8	100	15
10/26/2021	2:30 PM	0	0	0.145	0	71.2	43	47.6	69.3	8.2	0.0723	296	8	100	15
10/26/2021	2:45 PM	0	0	0.14	0	71.8	44	48.7	70.2	8.31	0.0722	296	8	100	15
10/26/2021	3:00 PM	0	0	0.142	0	72.5	44	49.3	71.3	8.3	0.0721	298	8	100	15
10/26/2021	3:15 PM	0	0	0.121	0	73.3	44	50.1	72.4	8.28	0.0719	299	8	100	15
10/26/2021	3:30 PM	0	0	0.136	0	73.9	43	50	73	8.09	0.0718	295	8	100	15
10/26/2021	3:45 PM	0	0	0.139	0	73.9	42	49.4	72.9	7.97	0.0719	300	8	100	15
10/26/2021	4:00 PM	0	0	0.15	0	73.6	41	48.4	72.5	7.81	0.072	300	8	100	15
10/26/2021	4:15 PM	0	0	0.164	0	73.1	40	47.3	71.8	7.69	0.0721	298	8	100	15
10/26/2021	4:30 PM	0	0	0.158	0	72.6	40	46.9	71.1	7.7	0.0722	299	8	100	15
10/26/2021	4:45 PM	0	0	0.156	0	72.1	40	46.4	70.3	7.71	0.0723	298	8	100	15
10/26/2021	5:00 PM	0	0	0.155	0	71.7	40	46.1	69.8	7.72	0.0723	298	8	100	15
10/26/2021	5:15 PM	0	0	0.164	0	71.4	40	45.8	69.4	7.72	0.0724	300	8	100	15
10/26/2021	5:30 PM	0	0	0.168	0	71	40	45.5	68.8	7.73	0.0725	297	8	100	15
10/26/2021	5:45 PM	0	0	0.169	0	70.8	39	44.6	68.5	7.63	0.0725	300	8	100	15
10/26/2021	6:00 PM	0	0	0.174	0	70.5	39	44.3	68.1	7.64	0.0726	296	8	100	15
10/26/2021	6:15 PM	0	0	0.172	0	70.3	39	44.2	67.8	7.64	0.0726	300	8	100	15
10/26/2021	6:30 PM	0	0	0.185	0	70.1	39	44	67.5	7.65	0.0726	298	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/26/2021	6:45 PM	46.1	47.2	46.1	70	36.9	1	W	0.25	4	WSW	46.1	45.6	45.6	29.296
10/26/2021	7:00 PM	45.5	46.1	45.5	71	36.6	1	W	0.25	3	WSW	45.5	45	45	29.298
10/26/2021	7:15 PM	44.7	45.5	44.7	73	36.6	0	W	0	3	WSW	44.7	44.3	44.3	29.301
10/26/2021	7:30 PM	44.5	44.7	44.5	74	36.7	1	WSW	0.25	4	WSW	44.5	44.1	44.1	29.308
10/26/2021	7:45 PM	43.2	44.5	43.2	79	37.1	0	---	0	0	---	43.2	42.9	42.9	29.314
10/26/2021	8:00 PM	42.1	43.2	42	82	37	0	---	0	0	---	42.1	41.8	41.8	29.317
10/26/2021	8:15 PM	41.5	42	41.4	85	37.3	0	---	0	0	---	41.5	41.3	41.3	29.317
10/26/2021	8:30 PM	41.5	41.6	41.5	88	38.2	0	---	0	0	---	41.5	41.4	41.4	29.321
10/26/2021	8:45 PM	41.5	41.6	41.4	88	38.2	0	---	0	0	---	41.5	41.4	41.4	29.326
10/26/2021	9:00 PM	41	41.5	41	89	38	0	---	0	0	---	41	40.9	40.9	29.325
10/26/2021	9:15 PM	40.6	41	40.6	89	37.6	0	W	0	2	W	40.6	40.5	40.5	29.328
10/26/2021	9:30 PM	40.7	40.7	40.4	88	37.4	0	WSW	0	2	WSW	40.7	40.6	40.6	29.322
10/26/2021	9:45 PM	40.7	40.8	40.6	87	37.1	0	WSW	0	1	WSW	40.7	40.5	40.5	29.327
10/26/2021	10:00 PM	41.1	41.1	40.7	85	36.9	0	WSW	0	2	SW	41.1	40.9	40.9	29.329
10/26/2021	10:15 PM	42.5	42.5	41.1	82	37.4	1	WSW	0.25	4	SW	42.5	42.3	42.3	29.33
10/26/2021	10:30 PM	41.5	42.5	41.5	84	37	0	WSW	0	3	W	41.5	41.3	41.3	29.327
10/26/2021	10:45 PM	42.1	42.2	41.4	83	37.3	1	SW	0.25	9	WSW	42.1	41.9	41.9	29.326
10/26/2021	11:00 PM	40.7	42.2	40.7	86	36.8	1	ENE	0.25	5	SW	40.7	40.5	40.5	29.331
10/26/2021	11:15 PM	39.1	40.6	39.1	89	36.1	0	---	0	0	---	39.1	39	39	29.333
10/26/2021	11:30 PM	38.1	39.1	38	90	35.4	0	E	0	2	E	38.1	38	38	29.33
10/26/2021	11:45 PM	37.4	38.1	37.4	92	35.3	0	---	0	0	---	37.4	37.3	37.3	29.325
10/27/2021	12:00 AM	36.9	37.4	36.9	93	35.1	0	---	0	0	---	36.9	36.9	36.9	29.326
10/27/2021	12:15 AM	36.8	36.9	36.8	94	35.2	0	---	0	0	---	36.8	36.8	36.8	29.323
10/27/2021	12:30 AM	36.6	36.9	36.6	94	35	0	---	0	0	---	36.6	36.6	36.6	29.331
10/27/2021	12:45 AM	36.3	36.6	36.2	95	35	0	---	0	0	---	36.3	36.3	36.3	29.332
10/27/2021	1:00 AM	36.5	36.6	36.3	96	35.5	0	---	0	0	---	36.5	36.5	36.5	29.327
10/27/2021	1:15 AM	36.2	36.6	36.1	94	34.6	0	E	0	2	E	36.2	36.2	36.2	29.327
10/27/2021	1:30 AM	35.5	36.2	35.5	94	33.9	0	ESE	0	2	ENE	35.5	35.5	35.5	29.327
10/27/2021	1:45 AM	35.5	35.5	35.4	96	34.5	0	E	0	2	E	35.5	35.5	35.5	29.327
10/27/2021	2:00 AM	35.5	35.5	35.3	96	34.5	0	---	0	0	---	35.5	35.5	35.5	29.325
10/27/2021	2:15 AM	35.2	35.6	35.2	95	33.9	0	---	0	0	---	35.2	35.2	35.2	29.327
10/27/2021	2:30 AM	34.8	35.2	34.8	95	33.5	0	N	0	2	N	34.8	34.8	34.8	29.331
10/27/2021	2:45 AM	34.8	34.8	34.7	96	33.8	0	N	0	2	N	34.8	34.8	34.8	29.336
10/27/2021	3:00 AM	34.3	34.8	34.3	95	33	0	---	0	0	---	34.3	34.2	34.2	29.336
10/27/2021	3:15 AM	34	34.3	34	96	33	0	---	0	0	---	34	33.9	33.9	29.342
10/27/2021	3:30 AM	33.6	34	33.6	96	32.6	0	---	0	0	---	33.6	33.5	33.5	29.348

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/26/2021	6:45 PM	0	0	0.197	0	69.7	39	43.6	67.1	7.66	0.0727	298	8	100	15
10/26/2021	7:00 PM	0	0	0.203	0	69.3	39	43.3	66.7	7.66	0.0728	298	8	100	15
10/26/2021	7:15 PM	0	0	0.211	0	68.9	38	42.2	66.2	7.55	0.0728	298	8	100	15
10/26/2021	7:30 PM	0	0	0.214	0	68.5	38	41.9	65.9	7.55	0.0729	296	8	100	15
10/26/2021	7:45 PM	0	0	0.227	0	68.1	38	41.5	65.6	7.55	0.073	300	8	100	15
10/26/2021	8:00 PM	0	0	0.239	0	68	38	41.4	65.5	7.55	0.073	170	8	58.4	15
10/26/2021	8:15 PM	0	0	0.245	0	67.5	38	41	64.9	7.55	0.0731	299	8	100	15
10/26/2021	8:30 PM	0	0	0.245	0	67.2	39	41.4	64.7	7.71	0.0732	299	8	100	15
10/26/2021	8:45 PM	0	0	0.245	0	67	39	41.2	64.5	7.71	0.0732	300	8	100	15
10/26/2021	9:00 PM	0	0	0.25	0	66.8	39	41	64.3	7.71	0.0732	300	8	100	15
10/26/2021	9:15 PM	0	0	0.254	0	66.5	39	40.8	64	7.72	0.0733	300	8	100	15
10/26/2021	9:30 PM	0	0	0.253	0	66.2	39	40.5	63.6	7.73	0.0733	300	8	100	15
10/26/2021	9:45 PM	0	0	0.253	0	65.8	39	40.1	63.2	7.73	0.0734	299	8	100	15
10/26/2021	10:00 PM	0	0	0.249	0	65.4	39	39.8	62.8	7.74	0.0735	300	8	100	15
10/26/2021	10:15 PM	0	0	0.234	0	65.1	39	39.5	62.5	7.75	0.0735	299	8	100	15
10/26/2021	10:30 PM	0	0	0.245	0	64.8	39	39.2	62.2	7.75	0.0736	300	8	100	15
10/26/2021	10:45 PM	0	0	0.239	0	64.5	39	39	61.9	7.74	0.0736	298	8	100	15
10/26/2021	11:00 PM	0	0	0.253	0	64.2	39	38.7	61.5	7.73	0.0737	298	8	100	15
10/26/2021	11:15 PM	0	0	0.27	0	63.8	39	38.4	61.1	7.73	0.0737	300	8	100	15
10/26/2021	11:30 PM	0	0	0.28	0	63.5	39	38.1	60.8	7.72	0.0738	299	8	100	15
10/26/2021	11:45 PM	0	0	0.287	0	63.2	39	37.8	60.4	7.71	0.0738	298	8	100	15
10/27/2021	12:00 AM	0	0	0.293	0	62.9	39	37.5	60.1	7.71	0.0739	298	8	100	15
10/27/2021	12:15 AM	0	0	0.294	0	62.7	39	37.4	59.9	7.7	0.0739	300	8	100	15
10/27/2021	12:30 AM	0	0	0.296	0	62.3	39	37	59.5	7.7	0.074	300	8	100	15
10/27/2021	12:45 AM	0	0	0.299	0	62.1	39	36.8	59.3	7.69	0.074	299	8	100	15
10/27/2021	1:00 AM	0	0	0.297	0	61.9	39	36.7	59.1	7.69	0.074	299	8	100	15
10/27/2021	1:15 AM	0	0	0.3	0	61.7	39	36.5	58.9	7.68	0.0741	298	8	100	15
10/27/2021	1:30 AM	0	0	0.307	0	61.4	39	36.2	58.6	7.68	0.0741	300	8	100	15
10/27/2021	1:45 AM	0	0	0.307	0	61.1	39	35.9	58.3	7.67	0.0742	300	8	100	15
10/27/2021	2:00 AM	0	0	0.307	0	60.8	39	35.7	58	7.67	0.0742	300	8	100	15
10/27/2021	2:15 AM	0	0	0.31	0	60.7	39	35.6	57.9	7.66	0.0742	300	8	100	15
10/27/2021	2:30 AM	0	0	0.315	0	60.4	39	35.3	57.6	7.66	0.0743	300	8	100	15
10/27/2021	2:45 AM	0	0	0.315	0	60.2	39	35.1	57.4	7.65	0.0743	298	8	100	15
10/27/2021	3:00 AM	0	0	0.32	0	60.1	39	35	57.3	7.65	0.0743	218	8	74.9	15
10/27/2021	3:15 AM	0	0	0.323	0	59.8	39	34.8	57.1	7.65	0.0744	299	8	100	15
10/27/2021	3:30 AM	0	0	0.327	0	59.6	40	35.2	56.9	7.85	0.0744	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/27/2021	3:45 AM	33.3	33.6	33.3	96	32.3	0	---	0	0	---	33.3	33.2	33.2	29.345
10/27/2021	4:00 AM	33.4	33.4	33.3	97	32.6	0	SE	0	3	SE	33.4	33.3	33.3	29.346
10/27/2021	4:15 AM	33.1	33.4	33.1	96	32.1	0	N	0	1	N	33.1	33	33	29.345
10/27/2021	4:30 AM	33.1	33.3	33.1	97	32.3	0	ENE	0	2	NNE	33.1	33	33	29.345
10/27/2021	4:45 AM	33	33.2	32.9	97	32.2	0	---	0	0	---	33	32.9	32.9	29.352
10/27/2021	5:00 AM	33.1	33.2	33	97	32.3	0	---	0	0	---	33.1	33	33	29.346
10/27/2021	5:15 AM	32.9	33.1	32.9	97	32.1	0	---	0	0	---	32.9	32.8	32.8	29.349
10/27/2021	5:30 AM	32.7	33	32.7	97	31.9	0	---	0	0	---	32.7	32.7	32.7	29.349
10/27/2021	5:45 AM	33.3	33.3	32.8	97	32.5	1	N	0.25	2	N	33.3	33.2	33.2	29.343
10/27/2021	6:00 AM	33.1	33.4	33.1	97	32.3	0	---	0	0	---	33.1	33	33	29.346
10/27/2021	6:15 AM	33.1	33.1	33	97	32.3	0	---	0	0	---	33.1	33	33	29.344
10/27/2021	6:30 AM	32.5	33.1	32.5	97	31.7	0	---	0	0	---	32.5	32.5	32.5	29.343
10/27/2021	6:45 AM	32.1	32.5	32	97	31.3	0	---	0	0	---	32.1	32.1	32.1	29.344
10/27/2021	7:00 AM	32.3	32.3	32.1	97	31.5	0	---	0	0	---	32.3	32.3	32.3	29.343
10/27/2021	7:15 AM	31.7	32.3	31.7	97	30.9	0	---	0	0	---	31.7	31.7	31.7	29.344
10/27/2021	7:30 AM	31.6	31.8	31.6	97	30.8	0	---	0	0	---	31.6	31.6	31.6	29.344
10/27/2021	7:45 AM	31.4	31.6	31.3	97	30.6	0	---	0	0	---	31.4	31.4	31.4	29.347
10/27/2021	8:00 AM	31.3	31.4	31.2	97	30.5	0	---	0	0	---	31.3	31.3	31.3	29.352
10/27/2021	8:15 AM	31.3	31.4	31.2	98	30.8	0	---	0	0	---	31.3	31.3	31.3	29.357
10/27/2021	8:30 AM	32.2	32.2	31.6	98	31.7	0	---	0	0	---	32.2	32.2	32.2	29.357
10/27/2021	8:45 AM	34.2	34.2	32.2	98	33.7	0	---	0	0	---	34.2	34.2	34.2	29.364
10/27/2021	9:00 AM	36.1	36.1	34.2	98	35.6	0	---	0	0	---	36.1	36.2	36.2	29.367
10/27/2021	9:15 AM	37.3	37.3	36.1	96	36.3	0	---	0	0	---	37.3	37.3	37.3	29.375
10/27/2021	9:30 AM	40	40	37.3	93	38.1	0	---	0	0	---	40	40	40	29.368
10/27/2021	9:45 AM	41.8	41.8	40	93	39.9	0	W	0	2	NW	41.8	41.9	41.9	29.368
10/27/2021	10:00 AM	44.2	44.2	41.9	85	40	0	WSW	0	2	WSW	44.2	44.1	44.1	29.367
10/27/2021	10:15 AM	44.8	45.1	44.3	78	38.4	1	SSW	0.25	3	SE	44.8	44.5	44.5	29.372
10/27/2021	10:30 AM	45.4	45.4	44.5	78	38.9	2	SW	0.5	5	SW	45.4	45.1	45.1	29.373
10/27/2021	10:45 AM	46.6	46.6	45.4	73	38.4	1	WSW	0.25	4	WSW	46.6	46.2	46.2	29.372
10/27/2021	11:00 AM	47.5	47.5	46.6	73	39.3	2	SSW	0.5	3	SW	47.5	47.1	47.1	29.37
10/27/2021	11:15 AM	47.8	47.8	47.4	70	38.5	2	SSW	0.5	5	SSW	47.8	47.3	47.3	29.376
10/27/2021	11:30 AM	48.5	48.5	47.8	68	38.4	2	WSW	0.5	6	SW	48.5	48	48	29.37
10/27/2021	11:45 AM	49.3	49.5	48.5	62	36.8	2	SE	0.5	5	SSE	49.3	48.6	48.6	29.368
10/27/2021	12:00 PM	50.5	50.5	49.3	61	37.5	2	NNW	0.5	6	SSE	50.5	49.7	49.7	29.366
10/27/2021	12:15 PM	50.9	50.9	50.3	61	37.9	2	W	0.5	6	SW	50.9	50	50	29.364
10/27/2021	12:30 PM	51.6	51.6	50.4	63	39.4	2	SSW	0.5	7	WSW	51.6	50.7	50.7	29.357

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/27/2021	3:45 AM	0	0	0.33	0	59.3	39	34.3	56.6	7.65	0.0745	299	8	100	15
10/27/2021	4:00 AM	0	0	0.329	0	59.1	39	34.1	56.4	7.65	0.0745	300	8	100	15
10/27/2021	4:15 AM	0	0	0.332	0	58.8	39	33.9	56.1	7.65	0.0746	299	8	100	15
10/27/2021	4:30 AM	0	0	0.332	0	58.6	39	33.7	55.9	7.65	0.0746	299	8	100	15
10/27/2021	4:45 AM	0	0	0.333	0	58.4	40	34.2	55.8	7.85	0.0746	299	8	100	15
10/27/2021	5:00 AM	0	0	0.332	0	58.2	40	34	55.6	7.85	0.0747	300	8	100	15
10/27/2021	5:15 AM	0	0	0.334	0	58	40	33.8	55.4	7.85	0.0747	300	8	100	15
10/27/2021	5:30 AM	0	0	0.336	0	57.9	40	33.7	55.3	7.85	0.0747	300	8	100	15
10/27/2021	5:45 AM	0	0	0.33	0	57.7	40	33.5	55.1	7.85	0.0747	300	8	100	15
10/27/2021	6:00 AM	0	0	0.332	0	57.5	40	33.3	55	7.85	0.0748	299	8	100	15
10/27/2021	6:15 AM	0	0	0.332	0	57.4	40	33.3	54.9	7.85	0.0748	300	8	100	15
10/27/2021	6:30 AM	0	0	0.339	0	57.2	40	33.1	54.7	7.85	0.0748	300	8	100	15
10/27/2021	6:45 AM	0	0	0.343	0	57.1	40	33	54.6	7.85	0.0748	300	8	100	15
10/27/2021	7:00 AM	0	0	0.341	0	57	40	32.9	54.5	7.85	0.0748	300	8	100	15
10/27/2021	7:15 AM	0	0	0.347	0	56.9	40	32.8	54.4	7.85	0.0749	299	8	100	15
10/27/2021	7:30 AM	0	0	0.348	0	56.8	40	32.7	54.3	7.85	0.0749	299	8	100	15
10/27/2021	7:45 AM	0	0	0.35	0	56.7	40	32.6	54.2	7.85	0.0749	300	8	100	15
10/27/2021	8:00 AM	0	0	0.351	0	56.7	40	32.6	54.2	7.85	0.0749	300	8	100	15
10/27/2021	8:15 AM	0	0	0.351	0	56.6	40	32.5	54.1	7.85	0.0749	274	8	94.2	15
10/27/2021	8:30 AM	0	0	0.342	0	56.6	40	32.5	54.1	7.85	0.0749	210	8	72.2	15
10/27/2021	8:45 AM	0	0	0.321	0	56.5	40	32.4	54	7.85	0.075	300	8	100	15
10/27/2021	9:00 AM	0	0	0.301	0	56.4	40	32.4	54	7.85	0.075	300	8	100	15
10/27/2021	9:15 AM	0	0	0.289	0	56.6	41	33.2	54.2	7.98	0.075	300	8	100	15
10/27/2021	9:30 AM	0	0	0.26	0	56.8	41	33.3	54.4	7.99	0.0749	300	8	100	15
10/27/2021	9:45 AM	0	0	0.242	0	57.2	41	33.7	54.7	7.99	0.0749	299	8	100	15
10/27/2021	10:00 AM	0	0	0.217	0	57.6	42	34.7	55.2	8.15	0.0748	300	8	100	15
10/27/2021	10:15 AM	0	0	0.21	0	58.1	42	35.1	55.6	8.15	0.0747	300	8	100	15
10/27/2021	10:30 AM	0	0	0.204	0	58.6	42	35.6	56.1	8.15	0.0746	300	8	100	15
10/27/2021	10:45 AM	0	0	0.192	0	59.1	42	36	56.6	8.15	0.0746	298	8	100	15
10/27/2021	11:00 AM	0	0	0.182	0	59.7	42	36.6	57.2	8.15	0.0745	298	8	100	15
10/27/2021	11:15 AM	0	0	0.179	0	60.3	42	37.1	57.8	8.15	0.0744	299	8	100	15
10/27/2021	11:30 AM	0	0	0.172	0	60.9	42	37.6	58.4	8.15	0.0743	296	8	100	15
10/27/2021	11:45 AM	0	0	0.164	0	61.5	42	38.2	59	8.15	0.0742	299	8	100	15
10/27/2021	12:00 PM	0	0	0.151	0	62	42	38.6	59.5	8.15	0.0741	300	8	100	15
10/27/2021	12:15 PM	0	0	0.147	0	62.6	42	39.2	60.1	8.15	0.074	297	8	100	15
10/27/2021	12:30 PM	0	0	0.14	0	63.3	42	39.8	60.8	8.15	0.0738	297	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/27/2021	12:45 PM	52.8	52.8	51.6	61	39.7	2	NW	0.5	8	NW	52.8	51.7	51.7	29.349
10/27/2021	1:00 PM	52.8	53	52.6	59	38.9	2	W	0.5	8	NW	52.8	51.6	51.6	29.34
10/27/2021	1:15 PM	53.4	53.8	52.8	61	40.3	3	W	0.75	9	W	53.4	52.2	52.2	29.33
10/27/2021	1:30 PM	54	54.1	53.1	65	42.5	1	WNW	0.25	9	E	54	53	53	29.322
10/27/2021	1:45 PM	56	56	54.1	62	43.2	2	WNW	0.5	6	ESE	56	54.7	54.7	29.313
10/27/2021	2:00 PM	57	57	56	58	42.4	3	N	0.75	8	N	57	55.5	55.5	29.31
10/27/2021	2:15 PM	57.5	57.5	57	56	41.9	3	NNW	0.75	8	NW	57.5	55.9	55.9	29.304
10/27/2021	2:30 PM	57.3	57.5	56.9	57	42.2	3	W	0.75	7	N	57.3	55.7	55.7	29.31
10/27/2021	2:45 PM	57.8	57.8	57.2	57	42.7	2	NE	0.5	6	E	57.8	56.2	56.2	29.294
10/27/2021	3:00 PM	58.3	58.5	57.8	55	42.2	2	NW	0.5	7	WSW	58.3	56.6	56.6	29.299
10/27/2021	3:15 PM	58.6	58.7	58.4	54	42	2	SE	0.5	6	ESE	58.6	56.8	56.8	29.286
10/27/2021	3:30 PM	59.7	59.7	58.6	54	43	2	NW	0.5	6	ESE	59.7	57.9	57.9	29.278
10/27/2021	3:45 PM	60.4	60.4	59.6	53	43.2	1	NW	0.25	6	NW	60.4	58.6	58.6	29.272
10/27/2021	4:00 PM	60.4	60.5	60.3	53	43.2	1	E	0.25	7	ESE	60.4	58.6	58.6	29.267
10/27/2021	4:15 PM	60	60.4	59.8	53	42.8	2	ESE	0.5	8	ESE	60	58.2	58.2	29.262
10/27/2021	4:30 PM	60	60	59.8	56	44.3	2	E	0.5	6	ESE	60	58.4	58.4	29.266
10/27/2021	4:45 PM	60.2	60.3	59.9	55	44	2	ESE	0.5	5	NE	60.2	58.5	58.5	29.258
10/27/2021	5:00 PM	60	60.2	60	55	43.8	2	ESE	0.5	6	ESE	60	58.3	58.3	29.254
10/27/2021	5:15 PM	59.5	60.1	59.4	58	44.7	1	ESE	0.25	4	SE	59.5	58	58	29.252
10/27/2021	5:30 PM	58.8	59.5	58.8	59	44.5	1	ESE	0.25	4	NNE	58.8	57.3	57.3	29.246
10/27/2021	5:45 PM	57.4	58.8	57.4	66	46.1	0	ESE	0	2	ESE	57.4	56.3	56.3	29.241
10/27/2021	6:00 PM	56.7	57.4	56.7	67	45.9	1	ESE	0.25	2	ESE	56.7	55.7	55.7	29.24
10/27/2021	6:15 PM	56.2	56.6	56.2	71	46.9	0	ESE	0	2	ESE	56.2	55.4	55.4	29.242
10/27/2021	6:30 PM	54.6	56.2	54.6	73	46.1	0	---	0	0	---	54.6	53.9	53.9	29.248
10/27/2021	6:45 PM	52.9	54.6	52.9	76	45.5	0	---	0	0	---	52.9	52.5	52.5	29.251
10/27/2021	7:00 PM	51.4	52.9	51.4	79	45.1	0	---	0	0	---	51.4	51.2	51.2	29.249
10/27/2021	7:15 PM	50.3	51.3	50.3	82	45	0	---	0	0	---	50.3	50.3	50.3	29.248
10/27/2021	7:30 PM	49.4	50.3	49.4	83	44.5	0	---	0	0	---	49.4	49.4	49.4	29.248
10/27/2021	7:45 PM	49	49.4	48.9	84	44.4	0	---	0	0	---	49	49.1	49.1	29.251
10/27/2021	8:00 PM	48.4	48.9	48.4	85	44.1	0	---	0	0	---	48.4	48.4	48.4	29.254
10/27/2021	8:15 PM	47.6	48.4	47.6	87	43.9	0	N	0	2	N	47.6	47.7	47.7	29.25
10/27/2021	8:30 PM	47.2	47.6	47.1	89	44.1	0	ENE	0	1	ENE	47.2	47.4	47.4	29.251
10/27/2021	8:45 PM	46.7	47.2	46.7	89	43.6	0	---	0	0	---	46.7	46.8	46.8	29.25
10/27/2021	9:00 PM	46.4	46.7	46.4	91	43.9	0	---	0	0	---	46.4	46.6	46.6	29.251
10/27/2021	9:15 PM	46.4	46.5	46.4	91	43.9	0	---	0	0	---	46.4	46.6	46.6	29.253
10/27/2021	9:30 PM	46.2	46.4	46.2	91	43.7	0	ENE	0	1	ENE	46.2	46.4	46.4	29.26

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/27/2021	12:45 PM	0	0	0.127	0	63.9	42	40.3	61.5	8.15	0.0737	300	8	100	15
10/27/2021	1:00 PM	0	0	0.127	0	64.6	42	41	62.2	8.15	0.0736	296	8	100	15
10/27/2021	1:15 PM	0	0	0.121	0	65.4	42	41.7	63.1	8.14	0.0734	300	8	100	15
10/27/2021	1:30 PM	0	0	0.115	0	66.1	42	42.3	63.8	8.13	0.0733	300	8	100	15
10/27/2021	1:45 PM	0	0	0.094	0	66.9	42	43	64.7	8.11	0.0731	297	8	100	15
10/27/2021	2:00 PM	0	0	0.083	0	67.9	43	44.6	65.9	8.25	0.0729	297	8	100	15
10/27/2021	2:15 PM	0	0	0.078	0	69.5	44	46.6	67.4	8.35	0.0726	295	8	100	15
10/27/2021	2:30 PM	0	0	0.08	0	71.6	43	47.9	69.9	8.19	0.0723	298	8	100	15
10/27/2021	2:45 PM	0	0	0.075	0	74.1	42	49.5	73.1	7.97	0.0719	300	8	100	15
10/27/2021	3:00 PM	0	0	0.07	0	76.6	42	51.8	75.7	7.92	0.0715	299	8	100	15
10/27/2021	3:15 PM	0	0	0.067	0	78.9	40	52.5	77.7	7.57	0.0711	299	8	100	15
10/27/2021	3:30 PM	0	0	0.055	0	80.2	38	52.3	78.8	7.25	0.071	300	8	100	15
10/27/2021	3:45 PM	0	0	0.048	0	80.6	37	51.9	79.1	7.14	0.0709	299	8	100	15
10/27/2021	4:00 PM	0	0	0.048	0	80.6	37	51.9	79.1	7.14	0.0709	300	8	100	15
10/27/2021	4:15 PM	0	0	0.052	0	80.5	36	51.1	78.9	6.93	0.0709	299	8	100	15
10/27/2021	4:30 PM	0	0	0.052	0	80.4	36	51	78.8	6.93	0.0709	300	8	100	15
10/27/2021	4:45 PM	0	0	0.05	0	80.3	36	50.9	78.7	6.94	0.0709	299	8	100	15
10/27/2021	5:00 PM	0	0	0.052	0	80.2	35	50.1	78.5	6.84	0.071	300	8	100	15
10/27/2021	5:15 PM	0	0	0.057	0	80	35	49.9	78.3	6.85	0.071	300	8	100	15
10/27/2021	5:30 PM	0	0	0.065	0	79.8	35	49.7	78.1	6.85	0.071	300	8	100	15
10/27/2021	5:45 PM	0	0	0.079	0	79.6	35	49.5	77.9	6.86	0.071	299	8	100	15
10/27/2021	6:00 PM	0	0	0.086	0	79.4	35	49.4	77.8	6.86	0.0711	299	8	100	15
10/27/2021	6:15 PM	0	0	0.092	0	79.2	35	49.2	77.6	6.87	0.0711	300	8	100	15
10/27/2021	6:30 PM	0	0	0.108	0	78.9	34	48.1	77.2	6.67	0.0712	299	8	100	15
10/27/2021	6:45 PM	0	0	0.126	0	78.5	34	47.8	76.8	6.68	0.0713	299	8	100	15
10/27/2021	7:00 PM	0	0	0.142	0	77.9	34	47.3	76.3	6.69	0.0714	300	8	100	15
10/27/2021	7:15 PM	0	0	0.153	0	77.3	34	46.7	75.7	6.7	0.0715	300	8	100	15
10/27/2021	7:30 PM	0	0	0.162	0	76.6	34	46.1	75.1	6.72	0.0716	300	8	100	15
10/27/2021	7:45 PM	0	0	0.167	0	75.9	34	45.5	74.4	6.73	0.0717	298	8	100	15
10/27/2021	8:00 PM	0	0	0.173	0	75.2	34	44.9	73.7	6.75	0.0718	299	8	100	15
10/27/2021	8:15 PM	0	0	0.181	0	74.5	34	44.3	73	6.76	0.0719	299	8	100	15
10/27/2021	8:30 PM	0	0	0.185	0	73.9	34	43.8	72.3	6.77	0.072	300	8	100	15
10/27/2021	8:45 PM	0	0	0.191	0	73.3	35	44	71.7	6.98	0.0721	299	8	100	15
10/27/2021	9:00 PM	0	0	0.194	0	72.7	35	43.5	70.8	7	0.0722	300	8	100	15
10/27/2021	9:15 PM	0	0	0.194	0	72.1	35	42.9	69.9	7.01	0.0723	300	8	100	15
10/27/2021	9:30 PM	0	0	0.196	0	71.6	35	42.5	69.2	7.02	0.0724	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/27/2021	9:45 PM	46.3	46.3	46.1	92	44.1	0	ENE	0	2	ENE	46.3	46.5	46.5	29.257
10/27/2021	10:00 PM	46.8	46.8	46.3	90	44	1	NE	0.25	2	NE	46.8	47	47	29.248
10/27/2021	10:15 PM	45.6	46.8	45.6	90	42.8	0	NE	0	2	NE	45.6	45.7	45.7	29.244
10/27/2021	10:30 PM	45.6	45.7	45.3	92	43.4	1	N	0.25	2	NE	45.6	45.8	45.8	29.228
10/27/2021	10:45 PM	45.6	45.8	45.6	92	43.4	1	NNE	0.25	3	N	45.6	45.8	45.8	29.221
10/27/2021	11:00 PM	45.8	45.8	45.6	92	43.6	1	N	0.25	4	N	45.8	46	46	29.208
10/27/2021	11:15 PM	46.2	46.2	45.7	91	43.7	1	NNE	0.25	3	NNE	46.2	46.4	46.4	29.207
10/27/2021	11:30 PM	47.3	47.3	46.2	89	44.2	1	NNE	0.25	4	N	47.3	47.5	47.5	29.199
10/27/2021	11:45 PM	48.4	48.4	47.3	87	44.7	0	NE	0	2	NE	48.4	48.5	48.5	29.203
10/28/2021	12:00 AM	47.3	48.4	47.3	88	43.9	1	NNE	0.25	3	NNE	47.3	47.4	47.4	29.202
10/28/2021	12:15 AM	47.3	47.4	46.9	90	44.5	1	NNE	0.25	4	N	47.3	47.5	47.5	29.192
10/28/2021	12:30 AM	48.9	48.9	47.4	87	45.2	1	NE	0.25	4	NE	48.9	49.1	49.1	29.193
10/28/2021	12:45 AM	47.9	48.8	47.9	88	44.5	0	NE	0	2	NE	47.9	48	48	29.193
10/28/2021	1:00 AM	47.4	47.9	47.3	90	44.6	0	NE	0	2	NE	47.4	47.6	47.6	29.183
10/28/2021	1:15 AM	47.7	47.7	47.3	89	44.6	1	NNE	0.25	2	NE	47.7	47.9	47.9	29.185
10/28/2021	1:30 AM	47.3	47.7	47.2	90	44.5	0	NE	0	1	NE	47.3	47.5	47.5	29.187
10/28/2021	1:45 AM	48.1	48.1	47.3	89	45	1	NNE	0.25	5	N	48.1	48.3	48.3	29.183
10/28/2021	2:00 AM	48	48.3	48	88	44.6	1	NNE	0.25	3	NNE	48	48.1	48.1	29.184
10/28/2021	2:15 AM	47.4	48.1	47.4	90	44.6	1	ENE	0.25	3	N	47.4	47.6	47.6	29.182
10/28/2021	2:30 AM	47.6	47.7	47.4	90	44.8	1	NNE	0.25	3	NNE	47.6	47.8	47.8	29.179
10/28/2021	2:45 AM	47.2	47.7	47.2	90	44.4	0	NNE	0	3	NNE	47.2	47.4	47.4	29.178
10/28/2021	3:00 AM	46.2	47.3	46.2	91	43.7	0	NNE	0	3	NNE	46.2	46.4	46.4	29.177
10/28/2021	3:15 AM	46.2	46.3	46.1	92	44	0	NE	0	2	NE	46.2	46.4	46.4	29.179
10/28/2021	3:30 AM	46.3	46.3	46.2	92	44.1	0	E	0	2	ENE	46.3	46.5	46.5	29.173
10/28/2021	3:45 AM	46.9	46.9	46.2	90	44.1	1	NNE	0.25	3	E	46.9	47.1	47.1	29.173
10/28/2021	4:00 AM	46.8	46.9	46.8	91	44.3	0	NE	0	2	NE	46.8	47	47	29.174
10/28/2021	4:15 AM	46.9	46.9	46.6	91	44.4	0	NE	0	4	N	46.9	47.1	47.1	29.172
10/28/2021	4:30 AM	46.7	47	46.7	91	44.2	0	NNE	0	4	NNW	46.7	46.9	46.9	29.167
10/28/2021	4:45 AM	46.5	46.7	46.5	93	44.6	0	NNE	0	2	NNE	46.5	46.7	46.7	29.161
10/28/2021	5:00 AM	46.8	46.8	46.5	92	44.6	0	NE	0	2	NE	46.8	47	47	29.161
10/28/2021	5:15 AM	46.6	46.8	46.6	93	44.7	0	NNE	0	3	N	46.6	46.8	46.8	29.161
10/28/2021	5:30 AM	46.4	46.7	46.4	93	44.5	0	NNE	0	3	NNE	46.4	46.6	46.6	29.159
10/28/2021	5:45 AM	46.3	46.5	46.3	94	44.7	0	NNE	0	2	NNE	46.3	46.6	46.6	29.159
10/28/2021	6:00 AM	46.4	46.5	46.3	94	44.8	0	NNE	0	2	NNE	46.4	46.7	46.7	29.151
10/28/2021	6:15 AM	46	46.4	46	94	44.4	0	NE	0	2	E	46	46.3	46.3	29.146
10/28/2021	6:30 AM	45.9	46	45.8	95	44.5	0	NE	0	1	NE	45.9	46.2	46.2	29.141

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/27/2021	9:45 PM	0	0	0.195	0	71.2	35	42.1	68.7	7.03	0.0724	299	8	100	15
10/27/2021	10:00 PM	0	0	0.19	0	70.7	36	42.4	68.1	7.22	0.0725	300	8	100	15
10/27/2021	10:15 PM	0	0	0.202	0	70.2	36	42	67.4	7.24	0.0725	300	8	100	15
10/27/2021	10:30 PM	0	0	0.202	0	69.8	36	41.6	66.9	7.25	0.0726	299	8	100	15
10/27/2021	10:45 PM	0	0	0.202	0	69.3	36	41.2	66.4	7.24	0.0726	300	8	100	15
10/27/2021	11:00 PM	0	0	0.2	0	68.9	36	40.8	66	7.23	0.0726	299	8	100	15
10/27/2021	11:15 PM	0	0	0.196	0	68.5	37	41.2	65.8	7.35	0.0727	300	8	100	15
10/27/2021	11:30 PM	0	0	0.184	0	68.1	37	40.8	65.5	7.35	0.0727	299	8	100	15
10/27/2021	11:45 PM	0	0	0.173	0	67.9	37	40.7	65.3	7.35	0.0728	300	8	100	15
10/28/2021	12:00 AM	0	0	0.184	0	67.7	37	40.5	65.1	7.35	0.0728	299	8	100	15
10/28/2021	12:15 AM	0	0	0.184	0	67.5	37	40.3	64.8	7.35	0.0728	300	8	100	15
10/28/2021	12:30 AM	0	0	0.168	0	67.3	38	40.8	64.7	7.55	0.0728	300	8	100	15
10/28/2021	12:45 AM	0	0	0.178	0	67.3	38	40.8	64.7	7.55	0.0728	298	8	100	15
10/28/2021	1:00 AM	0	0	0.183	0	67.1	38	40.6	64.5	7.55	0.0728	299	8	100	15
10/28/2021	1:15 AM	0	0	0.18	0	67.2	38	40.7	64.6	7.55	0.0728	172	8	59.1	15
10/28/2021	1:30 AM	0	0	0.184	0	67	38	40.5	64.4	7.55	0.0729	298	8	100	15
10/28/2021	1:45 AM	0	0	0.176	0	66.8	38	40.4	64.2	7.55	0.0729	300	8	100	15
10/28/2021	2:00 AM	0	0	0.177	0	66.7	39	40.9	64.2	7.72	0.0729	299	8	100	15
10/28/2021	2:15 AM	0	0	0.183	0	66.7	39	40.9	64.2	7.72	0.0729	300	8	100	15
10/28/2021	2:30 AM	0	0	0.181	0	66.5	39	40.8	64	7.72	0.0729	300	8	100	15
10/28/2021	2:45 AM	0	0	0.185	0	66.5	39	40.8	64	7.72	0.0729	300	8	100	15
10/28/2021	3:00 AM	0	0	0.196	0	66.5	39	40.8	64	7.72	0.0729	297	8	100	15
10/28/2021	3:15 AM	0	0	0.196	0	66.4	39	40.7	63.8	7.72	0.0729	300	8	100	15
10/28/2021	3:30 AM	0	0	0.195	0	66.4	39	40.7	63.8	7.72	0.0729	297	8	100	15
10/28/2021	3:45 AM	0	0	0.189	0	66.3	39	40.6	63.7	7.72	0.0729	299	8	100	15
10/28/2021	4:00 AM	0	0	0.19	0	66.3	39	40.6	63.7	7.72	0.0729	298	8	100	15
10/28/2021	4:15 AM	0	0	0.189	0	66.3	39	40.6	63.7	7.72	0.0729	297	8	100	15
10/28/2021	4:30 AM	0	0	0.191	0	66.3	39	40.6	63.7	7.72	0.0729	300	8	100	15
10/28/2021	4:45 AM	0	0	0.193	0	66.2	40	41.2	63.7	7.83	0.0729	300	8	100	15
10/28/2021	5:00 AM	0	0	0.19	0	66.2	40	41.2	63.7	7.83	0.0729	300	8	100	15
10/28/2021	5:15 AM	0	0	0.192	0	66.2	40	41.2	63.7	7.83	0.0729	300	8	100	15
10/28/2021	5:30 AM	0	0	0.194	0	66.2	40	41.2	63.7	7.83	0.0729	299	8	100	15
10/28/2021	5:45 AM	0	0	0.195	0	66.2	40	41.2	63.7	7.83	0.0729	299	8	100	15
10/28/2021	6:00 AM	0	0	0.194	0	66.2	40	41.2	63.7	7.83	0.0729	300	8	100	15
10/28/2021	6:15 AM	0	0	0.198	0	66.3	40	41.2	63.8	7.82	0.0728	300	8	100	15
10/28/2021	6:30 AM	0	0	0.199	0	66.3	40	41.2	63.8	7.82	0.0728	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/28/2021	6:45 AM	46.4	46.4	45.9	95	45	0	NE	0	2	NE	46.4	46.7	46.7	29.137
10/28/2021	7:00 AM	47	47	46.4	94	45.4	1	NNE	0.25	3	N	47	47.3	47.3	29.127
10/28/2021	7:15 AM	47.8	47.8	46.9	94	46.2	2	N	0.5	3	NNE	47.8	48.1	48.1	29.119
10/28/2021	7:30 AM	48.6	48.6	47.8	92	46.4	2	NNE	0.5	5	N	48.6	48.9	48.9	29.11
10/28/2021	7:45 AM	49.4	49.4	48.6	91	46.9	1	N	0.25	3	NNE	49.4	49.7	49.7	29.115
10/28/2021	8:00 AM	50.2	50.3	49.4	91	47.7	2	N	0.5	4	N	50.2	50.5	50.5	29.105
10/28/2021	8:15 AM	52.7	52.7	50.2	83	47.7	1	NNE	0.25	4	NNW	52.7	52.5	52.5	29.099
10/28/2021	8:30 AM	53.3	53.6	52.6	82	47.9	1	NNE	0.25	4	NE	53.3	53.1	53.1	29.098
10/28/2021	8:45 AM	53.6	53.6	53.2	83	48.6	1	NNE	0.25	5	NW	53.6	53.4	53.4	29.091
10/28/2021	9:00 AM	---	54.6	53.5	---	---	1	NNE	0.25	4	NNW	---	---	---	29.09
10/28/2021	9:15 AM	---	---	---	---	---	0	---	0	0	---	---	---	---	29.092
10/28/2021	9:30 AM	---	---	---	---	---	0	---	0	0	---	---	---	---	29.147
10/28/2021	9:45 AM	---	---	---	---	---	0	---	0	0	---	---	---	---	29.139
10/28/2021	10:00 AM	---	---	---	---	---	0	---	0	0	---	---	---	---	29.096
10/28/2021	10:15 AM	---	---	---	---	---	0	---	0	0	---	---	---	---	29.13
10/28/2021	10:30 AM	---	---	---	---	---	0	---	0	0	---	---	---	---	29.127
10/19/2021	3:45 PM	69.9	70	69.5	39	43.8	1	E	0.25	4	SW	69.9	67.3	67.3	29.544
10/19/2021	4:00 PM	69.9	70.2	69.9	42	45.8	2	SW	0.5	5	SSW	69.9	67.6	67.6	29.549
10/19/2021	4:15 PM	69.2	69.9	69.2	41	44.5	2	SW	0.5	5	SW	69.2	66.8	66.8	29.548
10/19/2021	4:30 PM	69.1	69.2	69	40	43.8	1	SSW	0.25	5	WSW	69.1	66.6	66.6	29.554
10/19/2021	4:45 PM	68.8	69	68.7	43	45.4	1	SW	0.25	6	SW	68.8	66.6	66.6	29.549
10/19/2021	5:00 PM	68.4	68.8	68.4	40	43.1	1	SSW	0.25	5	SSE	68.4	66	66	29.548
10/19/2021	5:15 PM	67.9	68.7	67.9	39	42	1	SE	0.25	5	SW	67.9	65.5	65.5	29.544
10/19/2021	5:30 PM	66.6	67.9	66.6	42	42.8	1	SE	0.25	5	SSE	66.6	64.4	64.4	29.544
10/19/2021	5:45 PM	64.7	66.7	64.7	52	46.7	1	ESE	0.25	3	WSW	64.7	63.1	63.1	29.543
10/19/2021	6:00 PM	63.1	64.6	63.1	53	45.7	1	SE	0.25	3	SE	63.1	61.4	61.4	29.544
10/19/2021	6:15 PM	62.5	63.2	62.5	56	46.6	1	SSE	0.25	4	ESE	62.5	61	61	29.544
10/19/2021	6:30 PM	61	62.5	61	57	45.7	0	---	0	0	---	61	59.4	59.4	29.544
10/19/2021	6:45 PM	58.6	60.9	58.6	61	45.2	0	---	0	0	---	58.6	57.3	57.3	29.551
10/19/2021	7:00 PM	56.5	58.6	56.5	66	45.3	0	---	0	0	---	56.5	55.4	55.4	29.552
10/19/2021	7:15 PM	54.7	56.4	54.7	69	44.7	0	---	0	0	---	54.7	53.8	53.8	29.555
10/19/2021	7:30 PM	53.2	54.7	53.2	70	43.7	0	---	0	0	---	53.2	52.5	52.5	29.551
10/19/2021	7:45 PM	51.9	53.2	51.9	74	43.9	0	---	0	0	---	51.9	51.4	51.4	29.556
10/19/2021	8:00 PM	51.2	51.9	51.2	74	43.2	0	---	0	0	---	51.2	50.8	50.8	29.556
10/19/2021	8:15 PM	50.6	51.2	50.5	77	43.7	0	---	0	0	---	50.6	50.4	50.4	29.557
10/19/2021	8:30 PM	50.1	50.5	50.1	76	42.8	0	---	0	0	---	50.1	49.9	49.9	29.555

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/28/2021	6:45 AM	0	0	0.194	0	66.3	40	41.2	63.8	7.82	0.0728	300	8	100	15
10/28/2021	7:00 AM	0	0	0.188	0	66.3	40	41.2	63.8	7.82	0.0728	300	8	100	15
10/28/2021	7:15 AM	0	0	0.179	0	66.3	40	41.2	63.8	7.82	0.0728	299	8	100	15
10/28/2021	7:30 AM	0	0	0.171	0	66.3	41	41.9	63.9	7.95	0.0727	298	8	100	15
10/28/2021	7:45 AM	0	0	0.162	0	66.4	41	42	64	7.95	0.0727	300	8	100	15
10/28/2021	8:00 AM	0	0	0.154	0	66.6	41	42.2	64.3	7.95	0.0727	299	8	100	15
10/28/2021	8:15 AM	0	0	0.128	0	66.8	41	42.3	64.5	7.95	0.0726	298	8	100	15
10/28/2021	8:30 AM	0	0	0.122	0	67.1	41	42.6	64.8	7.95	0.0726	300	8	100	15
10/28/2021	8:45 AM	0	0	0.119	0	67.5	42	43.6	65.3	8.1	0.0725	299	8	100	15
10/28/2021	9:00 AM	0	0	---	---	63.5	51	45	61.7	9.58	0.073	300	8	100	15
10/28/2021	9:15 AM	0	0	---	---	61.3	55	45	59.6	10.25	0.0733	115	8	39.5	15
10/28/2021	9:30 AM	0	0	---	---	59.2	55	43	57.5	10.27	0.0738	224	8	77	15
10/28/2021	9:45 AM	0	0	---	---	59.2	57	44	57.6	10.57	0.0737	300	8	100	15
10/28/2021	10:00 AM	0	0	---	---	59.6	58	44.8	58.1	10.75	0.0736	300	8	100	15
10/28/2021	10:15 AM	0	0	---	---	60.3	56	44.5	58.7	10.45	0.0736	300	8	100	15
10/28/2021	10:30 AM	0	0	---	---	61.2	56	45.4	59.6	10.45	0.0734	300	8	100	15
10/19/2021	3:45 PM	0	0	0	0.051	77	37	48.7	75.7	7.21	0.0722	140	8	48.1	15
10/19/2021	4:00 PM	0	0	0	0.051	85	30	50.1	82.8	6.05	0.0711	298	8	100	15
10/19/2021	4:15 PM	0	0	0	0.044	88.8	28	51.5	86.5	5.65	0.0705	299	8	100	15
10/19/2021	4:30 PM	0	0	0	0.043	91.3	26	51.6	88.8	5.3	0.0702	300	8	100	15
10/19/2021	4:45 PM	0	0	0	0.04	92.3	25	51.4	89.8	5.1	0.0701	300	8	100	15
10/19/2021	5:00 PM	0	0	0	0.035	91.4	25	50.6	88.7	5.12	0.0702	300	8	100	15
10/19/2021	5:15 PM	0	0	0	0.03	90.4	26	50.8	87.9	5.33	0.0703	300	8	100	15
10/19/2021	5:30 PM	0	0	0	0.017	89.2	26	49.8	86.6	5.35	0.0705	299	8	100	15
10/19/2021	5:45 PM	0	0	0.003	0	88.3	26	49.1	85.6	5.35	0.0707	299	8	100	15
10/19/2021	6:00 PM	0	0	0.02	0	87.7	27	49.6	85.2	5.5	0.0707	299	8	100	15
10/19/2021	6:15 PM	0	0	0.026	0	87.1	27	49.1	84.5	5.51	0.0708	299	8	100	15
10/19/2021	6:30 PM	0	0	0.042	0	85.7	27	47.9	83.2	5.54	0.071	300	8	100	15
10/19/2021	6:45 PM	0	0	0.067	0	83.6	27	46.1	81.2	5.55	0.0714	300	8	100	15
10/19/2021	7:00 PM	0	0	0.089	0	81.5	27	44.3	79.3	5.55	0.0717	299	8	100	15
10/19/2021	7:15 PM	0	0	0.107	0	79.5	28	43.5	77.4	5.74	0.072	300	8	100	15
10/19/2021	7:30 PM	0	0	0.123	0	77.6	29	42.8	75.7	5.85	0.0723	299	8	100	15
10/19/2021	7:45 PM	0	0	0.136	0	75.9	29	41.3	74.1	5.85	0.0725	299	8	100	15
10/19/2021	8:00 PM	0	0	0.144	0	74.4	30	40.9	72.5	6.07	0.0728	299	8	100	15
10/19/2021	8:15 PM	0	0	0.15	0	73	30	39.7	70.8	6.13	0.073	300	8	100	15
10/19/2021	8:30 PM	0	0	0.155	0	71.8	31	39.5	69.1	6.31	0.0732	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/19/2021	8:45 PM	49.4	50.1	49.4	78	42.8	0	---	0	0	---	49.4	49.3	49.3	29.561
10/19/2021	9:00 PM	48.3	49.4	48.3	81	42.7	0	---	0	0	---	48.3	48.2	48.2	29.563
10/19/2021	9:15 PM	47.7	48.3	47.7	82	42.5	0	---	0	0	---	47.7	47.6	47.6	29.571
10/19/2021	9:30 PM	47.3	47.7	47.3	84	42.7	0	---	0	0	---	47.3	47.3	47.3	29.572
10/19/2021	9:45 PM	47.4	47.5	47.3	86	43.4	0	---	0	0	---	47.4	47.4	47.4	29.576
10/19/2021	10:00 PM	47.2	47.5	47.2	86	43.2	0	---	0	0	---	47.2	47.2	47.2	29.578
10/19/2021	10:15 PM	46.9	47.3	46.8	86	42.9	0	---	0	0	---	46.9	46.9	46.9	29.578
10/19/2021	10:30 PM	46.2	46.9	46.2	88	42.8	0	---	0	0	---	46.2	46.3	46.3	29.585
10/19/2021	10:45 PM	46	46.3	46	89	42.9	0	---	0	0	---	46	46.1	46.1	29.589
10/19/2021	11:00 PM	45.6	46.1	45.6	90	42.8	0	---	0	0	---	45.6	45.7	45.7	29.589
10/19/2021	11:15 PM	45.7	45.7	45.5	90	42.9	0	---	0	0	---	45.7	45.8	45.8	29.585
10/19/2021	11:30 PM	45.7	45.8	45.6	90	42.9	0	---	0	0	---	45.7	45.8	45.8	29.587
10/19/2021	11:45 PM	45.3	45.7	45.3	89	42.2	0	---	0	0	---	45.3	45.4	45.4	29.593
10/20/2021	12:00 AM	44.7	45.3	44.7	90	41.9	0	---	0	0	---	44.7	44.8	44.8	29.592
10/20/2021	12:15 AM	44.4	44.7	44.4	92	42.2	0	---	0	0	---	44.4	44.5	44.5	29.589
10/20/2021	12:30 AM	44.1	44.4	44.1	93	42.2	0	---	0	0	---	44.1	44.3	44.3	29.591
10/20/2021	12:45 AM	43.8	44.1	43.8	93	41.9	0	---	0	0	---	43.8	43.9	43.9	29.595
10/20/2021	1:00 AM	44	44	43.7	94	42.4	0	---	0	0	---	44	44.2	44.2	29.593
10/20/2021	1:15 AM	44.3	44.3	43.9	94	42.7	0	---	0	0	---	44.3	44.5	44.5	29.595
10/20/2021	1:30 AM	44.3	44.4	44.2	93	42.4	0	---	0	0	---	44.3	44.5	44.5	29.597
10/20/2021	1:45 AM	43.9	44.3	43.8	93	42	0	---	0	0	---	43.9	44.1	44.1	29.599
10/20/2021	2:00 AM	43.7	43.9	43.7	93	41.8	0	---	0	0	---	43.7	43.8	43.8	29.603
10/20/2021	2:15 AM	43.9	43.9	43.7	94	42.3	0	---	0	0	---	43.9	44.1	44.1	29.604
10/20/2021	2:30 AM	43.9	44	43.8	94	42.3	0	---	0	0	---	43.9	44.1	44.1	29.605
10/20/2021	2:45 AM	43.7	44	43.7	93	41.8	0	---	0	0	---	43.7	43.8	43.8	29.606
10/20/2021	3:00 AM	43.6	43.7	43.6	94	42	0	---	0	0	---	43.6	43.7	43.7	29.603
10/20/2021	3:15 AM	43.3	43.6	43.3	94	41.7	0	---	0	0	---	43.3	43.4	43.4	29.608
10/20/2021	3:30 AM	42.8	43.4	42.8	94	41.2	0	---	0	0	---	42.8	42.9	42.9	29.606
10/20/2021	3:45 AM	42.4	42.8	42.3	94	40.8	0	---	0	0	---	42.4	42.5	42.5	29.607
10/20/2021	4:00 AM	41.9	42.3	41.9	95	40.6	0	---	0	0	---	41.9	42	42	29.606
10/20/2021	4:15 AM	41.3	41.9	41.3	94	39.7	0	---	0	0	---	41.3	41.4	41.4	29.607
10/20/2021	4:30 AM	40.8	41.3	40.8	95	39.5	0	---	0	0	---	40.8	40.9	40.9	29.609
10/20/2021	4:45 AM	40.3	40.8	40.2	95	39	0	---	0	0	---	40.3	40.4	40.4	29.613
10/20/2021	5:00 AM	40.1	40.3	40.1	95	38.8	0	---	0	0	---	40.1	40.2	40.2	29.614
10/20/2021	5:15 AM	39.8	40.1	39.7	96	38.8	0	---	0	0	---	39.8	39.9	39.9	29.614
10/20/2021	5:30 AM	39.5	39.8	39.5	96	38.5	0	---	0	0	---	39.5	39.6	39.6	29.621

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/19/2021	8:45 PM	0	0	0.162	0	70.6	32	39.3	67.5	6.54	0.0733	300	8	100	15
10/19/2021	9:00 PM	0	0	0.174	0	69.7	32	38.5	66.3	6.55	0.0735	300	8	100	15
10/19/2021	9:15 PM	0	0	0.18	0	68.7	33	38.4	65.5	6.68	0.0736	299	8	100	15
10/19/2021	9:30 PM	0	0	0.184	0	67.8	33	37.6	64.7	6.69	0.0738	300	8	100	15
10/19/2021	9:45 PM	0	0	0.183	0	66.9	34	37.6	63.9	6.85	0.0739	300	8	100	15
10/19/2021	10:00 PM	0	0	0.185	0	66.3	34	37.1	63.2	6.85	0.074	300	8	100	15
10/19/2021	10:15 PM	0	0	0.189	0	65.6	35	37.2	62.6	7.05	0.0741	299	8	100	15
10/19/2021	10:30 PM	0	0	0.196	0	65	35	36.7	62	7.05	0.0742	300	8	100	15
10/19/2021	10:45 PM	0	0	0.198	0	64.5	36	36.9	61.5	7.16	0.0743	300	8	100	15
10/19/2021	11:00 PM	0	0	0.202	0	63.9	36	36.4	60.9	7.17	0.0744	300	8	100	15
10/19/2021	11:15 PM	0	0	0.201	0	63.5	37	36.7	60.6	7.35	0.0745	300	8	100	15
10/19/2021	11:30 PM	0	0	0.201	0	63	37	36.3	60.1	7.35	0.0745	300	8	100	15
10/19/2021	11:45 PM	0	0	0.205	0	62.5	37	35.9	59.6	7.35	0.0746	300	8	100	15
10/20/2021	12:00 AM	0	0	0.211	0	62.1	38	36.2	59.2	7.55	0.0747	300	8	100	15
10/20/2021	12:15 AM	0	0	0.215	0	61.7	38	35.8	58.8	7.55	0.0747	300	8	100	15
10/20/2021	12:30 AM	0	0	0.218	0	61.3	38	35.5	58.4	7.55	0.0748	297	8	100	15
10/20/2021	12:45 AM	0	0	0.221	0	61	39	35.8	58.2	7.67	0.0749	300	8	100	15
10/20/2021	1:00 AM	0	0	0.219	0	60.8	39	35.7	58	7.67	0.0749	299	8	100	15
10/20/2021	1:15 AM	0	0	0.216	0	60.5	39	35.4	57.7	7.66	0.0749	299	8	100	15
10/20/2021	1:30 AM	0	0	0.216	0	60.3	40	35.9	57.6	7.85	0.075	300	8	100	15
10/20/2021	1:45 AM	0	0	0.22	0	60	40	35.6	57.3	7.85	0.075	300	8	100	15
10/20/2021	2:00 AM	0	0	0.222	0	59.8	40	35.4	57.1	7.85	0.0751	298	8	100	15
10/20/2021	2:15 AM	0	0	0.22	0	59.7	41	35.9	57.1	8.04	0.0751	300	8	100	15
10/20/2021	2:30 AM	0	0	0.22	0	59.6	41	35.9	57	8.04	0.0751	300	8	100	15
10/20/2021	2:45 AM	0	0	0.222	0	59.5	41	35.8	56.9	8.04	0.0751	300	8	100	15
10/20/2021	3:00 AM	0	0	0.223	0	59.4	42	36.3	56.9	8.15	0.0751	300	8	100	15
10/20/2021	3:15 AM	0	0	0.226	0	59.4	42	36.3	56.9	8.15	0.0751	300	8	100	15
10/20/2021	3:30 AM	0	0	0.231	0	59.3	42	36.2	56.8	8.15	0.0751	300	8	100	15
10/20/2021	3:45 AM	0	0	0.235	0	59	42	35.9	56.5	8.15	0.0752	300	8	100	15
10/20/2021	4:00 AM	0	0	0.241	0	58.7	42	35.7	56.2	8.15	0.0752	300	8	100	15
10/20/2021	4:15 AM	0	0	0.247	0	58.3	42	35.3	55.8	8.15	0.0753	300	8	100	15
10/20/2021	4:30 AM	0	0	0.252	0	57.9	42	34.9	55.4	8.15	0.0754	300	8	100	15
10/20/2021	4:45 AM	0	0	0.257	0	57.6	42	34.7	55.2	8.15	0.0754	300	8	100	15
10/20/2021	5:00 AM	0	0	0.259	0	57.2	43	34.9	54.9	8.29	0.0755	299	8	100	15
10/20/2021	5:15 AM	0	0	0.263	0	56.9	43	34.6	54.6	8.29	0.0755	300	8	100	15
10/20/2021	5:30 AM	0	0	0.266	0	56.7	43	34.4	54.4	8.28	0.0756	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/20/2021	5:45 AM	39.6	39.7	39.5	96	38.6	0	---	0	0	---	39.6	39.7	39.7	29.625
10/20/2021	6:00 AM	39.3	39.6	39.2	96	38.3	0	---	0	0	---	39.3	39.4	39.4	29.631
10/20/2021	6:15 AM	38.9	39.3	38.9	96	37.9	0	---	0	0	---	38.9	38.9	38.9	29.633
10/20/2021	6:30 AM	38.4	39	38.4	96	37.4	0	---	0	0	---	38.4	38.4	38.4	29.637
10/20/2021	6:45 AM	38.9	38.9	38.4	97	38.1	0	---	0	0	---	38.9	39	39	29.637
10/20/2021	7:00 AM	38.8	38.9	38.8	96	37.8	0	---	0	0	---	38.8	38.8	38.8	29.638
10/20/2021	7:15 AM	38.4	38.8	38.3	96	37.4	0	---	0	0	---	38.4	38.4	38.4	29.639
10/20/2021	7:30 AM	38.2	38.4	38.2	97	37.4	0	---	0	0	---	38.2	38.2	38.2	29.639
10/20/2021	7:45 AM	38.4	38.4	38.2	97	37.6	0	---	0	0	---	38.4	38.5	38.5	29.647
10/20/2021	8:00 AM	38.4	38.4	38.3	97	37.6	0	---	0	0	---	38.4	38.5	38.5	29.651
10/20/2021	8:15 AM	38.8	38.8	38.4	97	38	0	---	0	0	---	38.8	38.9	38.9	29.656
10/20/2021	8:30 AM	39.5	39.5	38.8	98	39	0	---	0	0	---	39.5	39.6	39.6	29.655
10/20/2021	8:45 AM	41.2	41.2	39.5	97	40.4	0	---	0	0	---	41.2	41.3	41.3	29.664
10/20/2021	9:00 AM	43.1	43.1	41.2	96	42	0	---	0	0	---	43.1	43.2	43.2	29.667
10/20/2021	9:15 AM	44.9	44.9	43.1	96	43.8	0	---	0	0	---	44.9	45.1	45.1	29.667
10/20/2021	9:30 AM	47	47	44.9	95	45.6	0	---	0	0	---	47	47.3	47.3	29.672
10/20/2021	9:45 AM	50.7	50.7	47	91	48.2	0	---	0	0	---	50.7	51	51	29.677
10/20/2021	10:00 AM	53.2	53.2	50.8	83	48.2	0	SSE	0	2	SSE	53.2	53	53	29.68
10/20/2021	10:15 AM	55.3	55.3	53.2	74	47.2	0	SE	0	2	SE	55.3	54.7	54.7	29.676
10/20/2021	10:30 AM	58.2	58.2	55.3	69	48.1	0	SE	0	2	SE	58.2	57.3	57.3	29.682
10/20/2021	10:45 AM	59.3	59.3	58.2	62	46.3	1	SW	0.25	4	SW	59.3	58	58	29.684
10/20/2021	11:00 AM	60	60	59.3	60	46.1	1	SW	0.25	4	WSW	60	58.6	58.6	29.688
10/20/2021	11:15 AM	61.1	61.2	60	57	45.7	2	WSW	0.5	6	SW	61.1	59.5	59.5	29.682
10/20/2021	11:30 AM	61.3	61.3	60.7	58	46.4	3	WSW	0.75	6	SW	61.3	59.8	59.8	29.677
10/20/2021	11:45 AM	62.2	62.2	61.3	60	48.1	3	WSW	0.75	7	WSW	62.2	60.9	60.9	29.676
10/20/2021	12:00 PM	63.9	63.9	62.2	59	49.3	2	WSW	0.5	5	SW	63.9	62.7	62.7	29.672
10/20/2021	12:15 PM	64.6	64.7	63.9	55	48.1	2	WSW	0.5	6	SW	64.6	63.3	63.3	29.668
10/20/2021	12:30 PM	65.4	65.4	64.7	55	48.8	2	SSW	0.5	7	SE	65.4	64.1	64.1	29.662
10/20/2021	12:45 PM	66	66	65.4	52	47.9	3	SW	0.75	8	WSW	66	64.5	64.5	29.658
10/20/2021	1:00 PM	66.6	66.6	66	52	48.4	2	ESE	0.5	8	SE	66.6	65.2	65.2	29.649
10/20/2021	1:15 PM	66.7	66.7	66.2	52	48.5	2	WSW	0.5	7	ESE	66.7	65.3	65.3	29.632
10/20/2021	1:30 PM	67.2	67.6	66.7	51	48.5	3	SSW	0.75	8	WSW	67.2	65.8	65.8	29.631
10/20/2021	1:45 PM	67.6	67.6	67	50	48.3	2	SW	0.5	9	ESE	67.6	66.2	66.2	29.622
10/20/2021	2:00 PM	67.9	67.9	67.4	51	49.1	2	SW	0.5	7	WSW	67.9	66.6	66.6	29.609
10/20/2021	2:15 PM	68.3	68.3	67.8	45	46.1	2	SW	0.5	9	WSW	68.3	66.4	66.4	29.604
10/20/2021	2:30 PM	68.4	68.8	68.2	46	46.8	2	SW	0.5	7	WSW	68.4	66.6	66.6	29.602

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/20/2021	5:45 AM	0	0	0.265	0	56.4	43	34.2	54.1	8.28	0.0756	300	8	100	15
10/20/2021	6:00 AM	0	0	0.268	0	56.1	43	33.9	53.8	8.27	0.0757	300	8	100	15
10/20/2021	6:15 AM	0	0	0.272	0	55.9	44	34.3	53.7	8.47	0.0757	300	8	100	15
10/20/2021	6:30 AM	0	0	0.277	0	55.6	44	34	53.4	8.46	0.0758	300	8	100	15
10/20/2021	6:45 AM	0	0	0.272	0	55.4	44	33.8	53.2	8.46	0.0758	300	8	100	15
10/20/2021	7:00 AM	0	0	0.273	0	55.2	44	33.6	53	8.45	0.0759	299	8	100	15
10/20/2021	7:15 AM	0	0	0.277	0	55	44	33.5	52.9	8.45	0.0759	300	8	100	15
10/20/2021	7:30 AM	0	0	0.279	0	54.8	44	33.3	52.7	8.45	0.0759	300	8	100	15
10/20/2021	7:45 AM	0	0	0.277	0	54.7	45	33.8	52.6	8.66	0.0759	300	8	100	15
10/20/2021	8:00 AM	0	0	0.277	0	54.5	45	33.6	52.5	8.66	0.076	300	8	100	15
10/20/2021	8:15 AM	0	0	0.273	0	54.4	45	33.5	52.4	8.66	0.076	298	8	100	15
10/20/2021	8:30 AM	0	0	0.266	0	54.8	45	33.8	52.7	8.65	0.076	196	8	67.4	15
10/20/2021	8:45 AM	0	0	0.248	0	54.6	46	34.2	52.6	8.85	0.076	298	8	100	15
10/20/2021	9:00 AM	0	0	0.228	0	54.8	46	34.4	52.8	8.85	0.076	299	8	100	15
10/20/2021	9:15 AM	0	0	0.209	0	55.2	47	35.3	53.2	8.95	0.0759	299	8	100	15
10/20/2021	9:30 AM	0	0	0.188	0	55.8	47	35.9	53.7	8.95	0.0758	300	8	100	15
10/20/2021	9:45 AM	0	0	0.149	0	56.6	48	37.1	54.5	9.15	0.0757	299	8	100	15
10/20/2021	10:00 AM	0	0	0.123	0	57.5	48	37.9	55.4	9.15	0.0755	300	8	100	15
10/20/2021	10:15 AM	0	0	0.101	0	58.7	49	39.6	56.6	9.35	0.0753	299	8	100	15
10/20/2021	10:30 AM	0	0	0.071	0	60	49	40.8	57.9	9.35	0.0751	300	8	100	15
10/20/2021	10:45 AM	0	0	0.059	0	61.5	49	42.2	59.4	9.29	0.0749	299	8	100	15
10/20/2021	11:00 AM	0	0	0.052	0	62.9	48	42.9	60.8	9.03	0.0746	299	8	100	15
10/20/2021	11:15 AM	0	0	0.041	0	64	49	44.4	62	9.19	0.0744	298	8	100	15
10/20/2021	11:30 AM	0	0	0.039	0	65.2	48	45	63.3	8.95	0.0742	298	8	100	15
10/20/2021	11:45 AM	0	0	0.029	0	66.6	47	45.7	64.8	8.82	0.074	300	8	100	15
10/20/2021	12:00 PM	0	0	0.011	0	67.9	47	46.9	66.3	8.79	0.0738	299	8	100	15
10/20/2021	12:15 PM	0	0	0.004	0	69.2	46	47.5	67.3	8.65	0.0736	300	8	100	15
10/20/2021	12:30 PM	0	0	0	0.004	70.3	46	48.5	68.4	8.64	0.0734	300	8	100	15
10/20/2021	12:45 PM	0	0	0	0.01	71.5	46	49.6	70	8.62	0.0732	299	8	100	15
10/20/2021	1:00 PM	0	0	0	0.017	72.5	45	49.9	71.3	8.45	0.073	300	8	100	15
10/20/2021	1:15 PM	0	0	0	0.018	73.5	45	50.9	72.7	8.45	0.0728	300	8	100	15
10/20/2021	1:30 PM	0	0	0	0.023	74.6	44	51.2	73.9	8.26	0.0726	300	8	100	15
10/20/2021	1:45 PM	0	0	0	0.027	75.5	44	52.1	74.8	8.24	0.0724	298	8	100	15
10/20/2021	2:00 PM	0	0	0	0.03	76.5	44	53	75.8	8.22	0.0722	300	8	100	15
10/20/2021	2:15 PM	0	0	0	0.034	77.8	44	54.1	77	8.19	0.072	299	8	100	15
10/20/2021	2:30 PM	0	0	0	0.035	79.5	44	55.7	78.8	8.16	0.0717	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/20/2021	2:45 PM	68.5	68.5	67.9	48	48	2	SW	0.5	7	SW	68.5	66.9	66.9	29.589
10/20/2021	3:00 PM	68.4	68.9	68.3	44	45.6	3	SW	0.75	10	WSW	68.4	66.4	66.4	29.593
10/20/2021	3:15 PM	69.3	69.3	68.4	43	45.8	2	WSW	0.5	9	WSW	69.3	67.1	67.1	29.582
10/20/2021	3:30 PM	69.2	69.3	69	47	48.1	3	SE	0.75	9	SE	69.2	67.4	67.4	29.58
10/20/2021	3:45 PM	69.6	69.8	69.2	46	47.9	2	SW	0.5	7	WSW	69.6	67.6	67.6	29.576
10/20/2021	4:00 PM	69.7	69.8	69.5	46	48	2	SSW	0.5	6	SW	69.7	67.7	67.7	29.571
10/20/2021	4:15 PM	69	69.7	69	47	47.9	2	ESE	0.5	6	SSW	69	67.2	67.2	29.571
10/20/2021	4:30 PM	68.7	69.1	68.7	45	46.5	2	WSW	0.5	6	SW	68.7	66.8	66.8	29.568
10/20/2021	4:45 PM	68.4	68.8	68.4	48	47.9	2	SW	0.5	6	W	68.4	66.8	66.8	29.567
10/20/2021	5:00 PM	68.4	68.5	68.2	48	47.9	1	S	0.25	4	ESE	68.4	66.8	66.8	29.563
10/20/2021	5:15 PM	67.8	68.4	67.7	48	47.4	1	ESE	0.25	6	ESE	67.8	66.2	66.2	29.558
10/20/2021	5:30 PM	67	67.9	67	48	46.7	1	SE	0.25	4	SE	67	65.3	65.3	29.559
10/20/2021	5:45 PM	65.8	67.1	65.8	53	48.2	1	ESE	0.25	4	SE	65.8	64.4	64.4	29.555
10/20/2021	6:00 PM	64.2	65.8	64.2	59	49.6	1	SE	0.25	4	SE	64.2	63.1	63.1	29.552
10/20/2021	6:15 PM	62.5	64.2	62.5	61	48.9	0	SE	0	2	SE	62.5	61.3	61.3	29.552
10/20/2021	6:30 PM	60.5	62.5	60.5	65	48.7	0	---	0	0	---	60.5	59.5	59.5	29.549
10/20/2021	6:45 PM	58.7	60.5	58.7	69	48.6	0	---	0	0	---	58.7	57.8	57.8	29.552
10/20/2021	7:00 PM	56.7	58.6	56.7	72	47.8	0	---	0	0	---	56.7	55.9	55.9	29.558
10/20/2021	7:15 PM	55.2	56.6	55.2	74	47.1	0	---	0	0	---	55.2	54.6	54.6	29.554
10/20/2021	7:30 PM	54	55.1	54	77	47	0	---	0	0	---	54	53.5	53.5	29.555
10/20/2021	7:45 PM	53	54	53	79	46.7	0	---	0	0	---	53	52.7	52.7	29.559
10/20/2021	8:00 PM	52.1	53	52.1	81	46.4	0	---	0	0	---	52.1	51.9	51.9	29.56
10/20/2021	8:15 PM	51.6	52.2	51.6	82	46.3	0	---	0	0	---	51.6	51.5	51.5	29.565
10/20/2021	8:30 PM	51.1	51.6	51	84	46.4	0	---	0	0	---	51.1	51.1	51.1	29.565
10/20/2021	8:45 PM	50.9	51.2	50.9	83	45.9	0	---	0	0	---	50.9	50.8	50.8	29.566
10/20/2021	9:00 PM	50.1	50.8	50.1	86	46.1	0	---	0	0	---	50.1	50.2	50.2	29.561
10/20/2021	9:15 PM	50.1	50.1	49.9	87	46.4	0	---	0	0	---	50.1	50.3	50.3	29.56
10/20/2021	9:30 PM	49.9	50.1	49.9	87	46.2	0	---	0	0	---	49.9	50.1	50.1	29.556
10/20/2021	9:45 PM	49.5	50	49.5	88	46.1	0	---	0	0	---	49.5	49.7	49.7	29.556
10/20/2021	10:00 PM	49.2	49.5	49.1	89	46.1	0	---	0	0	---	49.2	49.5	49.5	29.551
10/20/2021	10:15 PM	49.2	49.2	49.1	89	46.1	0	---	0	0	---	49.2	49.5	49.5	29.553
10/20/2021	10:30 PM	48.8	49.2	48.8	90	46	0	---	0	0	---	48.8	49.1	49.1	29.55
10/20/2021	10:45 PM	48.2	48.8	48.2	90	45.4	0	---	0	0	---	48.2	48.4	48.4	29.554
10/20/2021	11:00 PM	47.8	48.2	47.8	91	45.3	0	---	0	0	---	47.8	48	48	29.559
10/20/2021	11:15 PM	47.7	47.9	47.7	92	45.5	0	---	0	0	---	47.7	48	48	29.552
10/20/2021	11:30 PM	47.4	47.7	47.4	93	45.5	0	---	0	0	---	47.4	47.7	47.7	29.552

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/20/2021	2:45 PM	0	0	0	0.036	81.8	44	57.8	81.3	8.15	0.0713	300	8	100	15
10/20/2021	3:00 PM	0	0	0	0.035	84.4	43	59.5	84.2	7.96	0.0709	300	8	100	15
10/20/2021	3:15 PM	0	0	0	0.045	86.6	41	60.1	86.5	7.65	0.0706	299	8	100	15
10/20/2021	3:30 PM	0	0	0	0.044	88.3	39	60.2	88.3	7.28	0.0703	300	8	100	15
10/20/2021	3:45 PM	0	0	0	0.048	89.3	37	59.6	89.1	6.96	0.0702	300	8	100	15
10/20/2021	4:00 PM	0	0	0	0.049	89.4	36	58.9	88.9	6.84	0.0702	300	8	100	15
10/20/2021	4:15 PM	0	0	0	0.042	89.2	35	58	88.4	6.73	0.0703	300	8	100	15
10/20/2021	4:30 PM	0	0	0	0.039	88.9	35	57.7	88	6.73	0.0703	299	8	100	15
10/20/2021	4:45 PM	0	0	0	0.035	88.6	34	56.6	87.4	6.52	0.0704	300	8	100	15
10/20/2021	5:00 PM	0	0	0	0.035	88.1	34	56.2	86.8	6.51	0.0705	300	8	100	15
10/20/2021	5:15 PM	0	0	0	0.029	87.8	34	55.9	86.5	6.51	0.0705	300	8	100	15
10/20/2021	5:30 PM	0	0	0	0.021	87.3	34	55.5	85.9	6.5	0.0706	299	8	100	15
10/20/2021	5:45 PM	0	0	0	0.008	87	33	54.4	85.3	6.39	0.0707	300	8	100	15
10/20/2021	6:00 PM	0	0	0.008	0	86.5	33	54	84.8	6.38	0.0707	300	8	100	15
10/20/2021	6:15 PM	0	0	0.026	0	86.1	33	53.6	84.3	6.37	0.0708	299	8	100	15
10/20/2021	6:30 PM	0	0	0.047	0	85.6	33	53.2	83.8	6.36	0.0709	299	8	100	15
10/20/2021	6:45 PM	0	0	0.066	0	84.8	33	52.5	83	6.36	0.071	300	8	100	15
10/20/2021	7:00 PM	0	0	0.086	0	84	33	51.8	82.2	6.39	0.0712	299	8	100	15
10/20/2021	7:15 PM	0	0	0.102	0	83.1	32	50.2	81.1	6.29	0.0713	300	8	100	15
10/20/2021	7:30 PM	0	0	0.115	0	82.3	33	50.3	80.4	6.46	0.0714	298	8	100	15
10/20/2021	7:45 PM	0	0	0.125	0	81.3	33	49.4	79.4	6.5	0.0716	300	8	100	15
10/20/2021	8:00 PM	0	0	0.134	0	80.5	33	48.7	78.7	6.53	0.0717	300	8	100	15
10/20/2021	8:15 PM	0	0	0.14	0	79.7	33	48	77.9	6.55	0.0719	300	8	100	15
10/20/2021	8:30 PM	0	0	0.145	0	78.9	33	47.3	77.2	6.55	0.072	300	8	100	15
10/20/2021	8:45 PM	0	0	0.147	0	78.2	34	47.5	76.5	6.69	0.0721	296	8	100	15
10/20/2021	9:00 PM	0	0	0.155	0	77.4	34	46.8	75.8	6.7	0.0722	300	8	100	15
10/20/2021	9:15 PM	0	0	0.155	0	76.8	34	46.3	75.3	6.71	0.0723	300	8	100	15
10/20/2021	9:30 PM	0	0	0.157	0	76.2	34	45.8	74.7	6.73	0.0724	300	8	100	15
10/20/2021	9:45 PM	0	0	0.161	0	75.5	35	45.9	74.1	6.94	0.0725	300	8	100	15
10/20/2021	10:00 PM	0	0	0.165	0	75	35	45.5	73.6	6.95	0.0725	300	8	100	15
10/20/2021	10:15 PM	0	0	0.165	0	74.5	35	45	73.1	6.96	0.0726	299	8	100	15
10/20/2021	10:30 PM	0	0	0.169	0	74	35	44.6	72.5	6.97	0.0727	300	8	100	15
10/20/2021	10:45 PM	0	0	0.175	0	73.6	36	45	72.1	7.11	0.0728	299	8	100	15
10/20/2021	11:00 PM	0	0	0.179	0	73.2	36	44.6	71.6	7.12	0.0728	300	8	100	15
10/20/2021	11:15 PM	0	0	0.18	0	72.7	36	44.2	70.9	7.14	0.0729	300	8	100	15
10/20/2021	11:30 PM	0	0	0.183	0	72.3	36	43.8	70.3	7.16	0.073	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/20/2021	11:45 PM	47.2	47.4	47.2	92	45	0	---	0	0	---	47.2	47.4	47.4	29.547
10/21/2021	12:00 AM	46.9	47.2	46.9	92	44.7	0	---	0	0	---	46.9	47.1	47.1	29.547
10/21/2021	12:15 AM	46.8	46.9	46.7	93	44.9	0	---	0	0	---	46.8	47.1	47.1	29.544
10/21/2021	12:30 AM	46.5	46.7	46.5	93	44.6	0	---	0	0	---	46.5	46.7	46.7	29.546
10/21/2021	12:45 AM	46.2	46.5	46.1	93	44.3	0	---	0	0	---	46.2	46.4	46.4	29.538
10/21/2021	1:00 AM	46	46.2	45.9	94	44.4	0	---	0	0	---	46	46.3	46.3	29.533
10/21/2021	1:15 AM	45.7	46	45.7	94	44.1	0	---	0	0	---	45.7	45.9	45.9	29.526
10/21/2021	1:30 AM	45.7	45.8	45.6	94	44.1	0	---	0	0	---	45.7	45.9	45.9	29.521
10/21/2021	1:45 AM	45.5	45.7	45.5	94	43.9	0	---	0	0	---	45.5	45.7	45.7	29.523
10/21/2021	2:00 AM	45	45.5	45	93	43.1	0	---	0	0	---	45	45.2	45.2	29.532
10/21/2021	2:15 AM	44.5	45	44.5	95	43.2	0	---	0	0	---	44.5	44.7	44.7	29.53
10/21/2021	2:30 AM	44.5	44.6	44.4	95	43.2	0	---	0	0	---	44.5	44.7	44.7	29.527
10/21/2021	2:45 AM	44.2	44.5	44.2	95	42.9	0	---	0	0	---	44.2	44.4	44.4	29.53
10/21/2021	3:00 AM	44.3	44.3	44.2	96	43.2	0	---	0	0	---	44.3	44.5	44.5	29.534
10/21/2021	3:15 AM	43.4	44.3	43.4	94	41.8	0	---	0	0	---	43.4	43.5	43.5	29.537
10/21/2021	3:30 AM	42.7	43.4	42.7	95	41.4	0	---	0	0	---	42.7	42.8	42.8	29.537
10/21/2021	3:45 AM	42.9	43	42.6	96	41.8	0	---	0	0	---	42.9	43	43	29.53
10/21/2021	4:00 AM	42.9	43	42.8	96	41.8	0	---	0	0	---	42.9	43	43	29.53
10/21/2021	4:15 AM	42.7	43	42.7	96	41.6	0	---	0	0	---	42.7	42.8	42.8	29.527
10/21/2021	4:30 AM	42.9	42.9	42.7	97	42.1	0	---	0	0	---	42.9	43.1	43.1	29.526
10/21/2021	4:45 AM	42.9	42.9	42.9	97	42.1	0	---	0	0	---	42.9	43.1	43.1	29.526
10/21/2021	5:00 AM	43.4	43.4	42.9	97	42.6	0	---	0	0	---	43.4	43.6	43.6	29.523
10/21/2021	5:15 AM	43.9	44	43.4	97	43.1	0	---	0	0	---	43.9	44.2	44.2	29.522
10/21/2021	5:30 AM	44.2	44.2	44	97	43.4	0	---	0	0	---	44.2	44.5	44.5	29.522
10/21/2021	5:45 AM	44.3	44.3	44.2	97	43.5	0	---	0	0	---	44.3	44.6	44.6	29.524
10/21/2021	6:00 AM	44.6	44.6	44.3	97	43.8	0	---	0	0	---	44.6	44.9	44.9	29.525
10/21/2021	6:15 AM	44.8	44.9	44.6	96	43.7	0	---	0	0	---	44.8	45	45	29.525
10/21/2021	6:30 AM	45	45	44.7	97	44.2	0	---	0	0	---	45	45.3	45.3	29.528
10/21/2021	6:45 AM	45.7	45.7	44.9	97	44.9	0	NNE	0	2	NNE	45.7	46	46	29.516
10/21/2021	7:00 AM	46	46	45.7	97	45.2	0	---	0	0	---	46	46.3	46.3	29.52
10/21/2021	7:15 AM	45.8	46	45.8	96	44.7	0	---	0	0	---	45.8	46.1	46.1	29.514
10/21/2021	7:30 AM	46	46	45.8	97	45.2	0	NE	0	1	NNE	46	46.3	46.3	29.508
10/21/2021	7:45 AM	46.5	46.5	46	97	45.7	0	---	0	0	---	46.5	46.9	46.9	29.509
10/21/2021	8:00 AM	46.9	46.9	46.4	97	46.1	0	---	0	0	---	46.9	47.3	47.3	29.51
10/21/2021	8:15 AM	48.1	48.1	47.2	97	47.3	0	---	0	0	---	48.1	48.6	48.6	29.511
10/21/2021	8:30 AM	49	49	48.1	96	47.9	0	---	0	0	---	49	49.5	49.5	29.512

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/20/2021	11:45 PM	0	0	0.185	0	72	36	43.6	69.9	7.17	0.073	300	8	100	15
10/21/2021	12:00 AM	0	0	0.189	0	71.6	37	43.9	69.4	7.32	0.073	299	8	100	15
10/21/2021	12:15 AM	0	0	0.19	0	71.2	37	43.6	68.8	7.33	0.0731	300	8	100	15
10/21/2021	12:30 AM	0	0	0.193	0	70.9	37	43.3	68.4	7.33	0.0732	299	8	100	15
10/21/2021	12:45 AM	0	0	0.196	0	70.6	37	43.1	68	7.34	0.0732	300	8	100	15
10/21/2021	1:00 AM	0	0	0.198	0	70.3	37	42.8	67.6	7.34	0.0732	300	8	100	15
10/21/2021	1:15 AM	0	0	0.201	0	69.9	37	42.4	67.1	7.35	0.0733	299	8	100	15
10/21/2021	1:30 AM	0	0	0.201	0	69.6	38	42.9	66.9	7.55	0.0733	299	8	100	15
10/21/2021	1:45 AM	0	0	0.203	0	69.3	38	42.6	66.6	7.55	0.0733	299	8	100	15
10/21/2021	2:00 AM	0	0	0.208	0	69	38	42.3	66.3	7.55	0.0734	299	8	100	15
10/21/2021	2:15 AM	0	0	0.214	0	68.8	38	42.1	66.1	7.55	0.0734	299	8	100	15
10/21/2021	2:30 AM	0	0	0.214	0	68.5	38	41.9	65.9	7.55	0.0735	300	8	100	15
10/21/2021	2:45 AM	0	0	0.217	0	68.3	38	41.7	65.7	7.55	0.0735	300	8	100	15
10/21/2021	3:00 AM	0	0	0.216	0	68	38	41.4	65.5	7.55	0.0736	300	8	100	15
10/21/2021	3:15 AM	0	0	0.225	0	67.7	38	41.2	65.2	7.55	0.0736	300	8	100	15
10/21/2021	3:30 AM	0	0	0.232	0	67.4	38	40.9	64.8	7.55	0.0737	300	8	100	15
10/21/2021	3:45 AM	0	0	0.23	0	67	38	40.5	64.4	7.55	0.0737	300	8	100	15
10/21/2021	4:00 AM	0	0	0.23	0	66.8	39	41	64.3	7.71	0.0737	299	8	100	15
10/21/2021	4:15 AM	0	0	0.232	0	66.6	39	40.9	64.1	7.72	0.0738	299	8	100	15
10/21/2021	4:30 AM	0	0	0.23	0	66.4	39	40.7	63.8	7.72	0.0738	300	8	100	15
10/21/2021	4:45 AM	0	0	0.23	0	66.2	39	40.5	63.6	7.73	0.0738	300	8	100	15
10/21/2021	5:00 AM	0	0	0.225	0	66.1	39	40.4	63.5	7.73	0.0738	300	8	100	15
10/21/2021	5:15 AM	0	0	0.22	0	65.9	40	40.9	63.4	7.83	0.0739	300	8	100	15
10/21/2021	5:30 AM	0	0	0.217	0	65.9	40	40.9	63.4	7.83	0.0739	299	8	100	15
10/21/2021	5:45 AM	0	0	0.216	0	65.8	40	40.8	63.3	7.83	0.0739	299	8	100	15
10/21/2021	6:00 AM	0	0	0.213	0	65.9	40	40.9	63.4	7.83	0.0739	300	8	100	15
10/21/2021	6:15 AM	0	0	0.21	0	65.9	40	40.9	63.4	7.83	0.0739	300	8	100	15
10/21/2021	6:30 AM	0	0	0.208	0	65.9	40	40.9	63.4	7.83	0.0739	300	8	100	15
10/21/2021	6:45 AM	0	0	0.201	0	66	41	41.6	63.6	7.95	0.0738	300	8	100	15
10/21/2021	7:00 AM	0	0	0.198	0	66	41	41.6	63.6	7.95	0.0738	300	8	100	15
10/21/2021	7:15 AM	0	0	0.2	0	66.1	41	41.7	63.7	7.95	0.0738	299	8	100	15
10/21/2021	7:30 AM	0	0	0.198	0	66.2	41	41.8	63.8	7.95	0.0738	300	8	100	15
10/21/2021	7:45 AM	0	0	0.193	0	66.3	41	41.9	63.9	7.95	0.0737	299	8	100	15
10/21/2021	8:00 AM	0	0	0.189	0	66.3	41	41.9	63.9	7.95	0.0737	244	8	83.8	15
10/21/2021	8:15 AM	0	0	0.176	0	66.5	41	42.1	64.1	7.95	0.0737	249	8	85.6	15
10/21/2021	8:30 AM	0	0	0.167	0	66.7	42	42.9	64.5	8.12	0.0737	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/21/2021	8:45 AM	49.9	49.9	49	95	48.5	0	---	0	0	---	49.9	50.4	50.4	29.517
10/21/2021	9:00 AM	51	51	49.9	95	49.6	0	---	0	0	---	51	51.4	51.4	29.516
10/21/2021	9:15 AM	52.2	52.2	51	92	49.9	0	---	0	0	---	52.2	52.5	52.5	29.524
10/21/2021	9:30 AM	53	53	52.2	92	50.7	0	ENE	0	1	ENE	53	53.2	53.2	29.518
10/21/2021	9:45 AM	53.2	53.3	53	93	51.2	0	WSW	0	3	SW	53.2	53.4	53.4	29.51
10/21/2021	10:00 AM	54	54	53.2	93	52	0	NE	0	1	NE	54	54.2	54.2	29.508
10/21/2021	10:15 AM	54.5	54.6	54	93	52.5	0	---	0	0	---	54.5	54.7	54.7	29.503
10/21/2021	10:30 AM	54.8	54.8	54.6	93	52.8	0	---	0	0	---	54.8	55	55	29.504
10/21/2021	10:45 AM	55	55.1	54.7	93	53	0	SSE	0	2	SE	55	55.2	55.2	29.506
10/21/2021	11:00 AM	55.1	55.2	54.9	93	53.1	0	SSE	0	2	SSE	55.1	55.3	55.3	29.506
10/21/2021	11:15 AM	55.4	55.4	55.1	92	53.1	0	S	0	2	S	55.4	55.6	55.6	29.497
10/21/2021	11:30 AM	56.3	56.3	55.3	93	54.3	0	ESE	0	2	ESE	56.3	56.5	56.5	29.492
10/21/2021	11:45 AM	58	58	56.3	90	55.1	0	ESE	0	1	ESE	58	58.2	58.2	29.484
10/21/2021	12:00 PM	60.7	60.7	58	85	56.2	0	ESE	0	3	E	60.7	60.8	60.8	29.485
10/21/2021	12:15 PM	61.3	61.4	60.7	84	56.4	1	W	0.25	4	SW	61.3	61.4	61.4	29.48
10/21/2021	12:30 PM	62.3	62.3	61.4	84	57.4	0	N	0	2	NW	62.3	62.5	62.5	29.467
10/21/2021	12:45 PM	63	63.2	62.4	77	55.7	1	SW	0.25	4	SSW	63	63	63	29.466
10/21/2021	1:00 PM	63.2	63.2	63	78	56.2	1	SW	0.25	4	SW	63.2	63.3	63.3	29.462
10/21/2021	1:15 PM	63.5	63.5	63.2	79	56.9	1	WSW	0.25	5	WSW	63.5	63.7	63.7	29.455
10/21/2021	1:30 PM	64.3	64.3	63.4	76	56.6	1	SE	0.25	4	SE	64.3	64.4	64.4	29.442
10/21/2021	1:45 PM	64.6	64.7	64.3	77	57.2	1	WSW	0.25	4	WSW	64.6	64.8	64.8	29.43
10/21/2021	2:00 PM	64.5	64.7	64.4	77	57.1	2	WSW	0.5	6	W	64.5	64.7	64.7	29.425
10/21/2021	2:15 PM	64.9	64.9	64.4	76	57.2	3	SW	0.75	7	WSW	64.9	65.1	65.1	29.419
10/21/2021	2:30 PM	64.5	64.9	64.5	79	57.8	2	WSW	0.5	9	WSW	64.5	64.9	64.9	29.415
10/21/2021	2:45 PM	63.9	64.5	63.8	81	58	2	W	0.5	6	SW	63.9	64.3	64.3	29.411
10/21/2021	3:00 PM	64.2	64.2	63.8	80	57.9	2	WSW	0.5	7	SW	64.2	64.6	64.6	29.408
10/21/2021	3:15 PM	64.9	64.9	64.1	81	58.9	3	SW	0.75	9	WSW	64.9	65.4	65.4	29.406
10/21/2021	3:30 PM	65.5	65.6	64.8	78	58.5	2	SW	0.5	7	WSW	65.5	66	66	29.403
10/21/2021	3:45 PM	65.5	65.9	65.5	78	58.5	2	SW	0.5	5	WSW	65.5	66	66	29.403
10/21/2021	4:00 PM	65	65.5	65	80	58.7	1	SW	0.25	6	WNW	65	65.5	65.5	29.394
10/21/2021	4:15 PM	64.7	65	64.6	81	58.7	1	SW	0.25	4	WSW	64.7	65.2	65.2	29.393
10/21/2021	4:30 PM	64.9	64.9	64.6	81	58.9	1	SW	0.25	6	WSW	64.9	65.4	65.4	29.391
10/21/2021	4:45 PM	65	65	64.8	83	59.7	1	WSW	0.25	4	WSW	65	65.6	65.6	29.382
10/21/2021	5:00 PM	65.5	65.6	65.1	81	59.5	2	SSW	0.5	5	SSW	65.5	66.2	66.2	29.375
10/21/2021	5:15 PM	65.9	65.9	65.6	81	59.9	2	SW	0.5	8	ESE	65.9	66.7	66.7	29.374
10/21/2021	5:30 PM	65.6	65.9	65.6	81	59.6	1	SSW	0.25	8	WNW	65.6	66.3	66.3	29.372

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/21/2021	8:45 AM	0	0	0.157	0	66.9	42	43	64.7	8.11	0.0736	300	8	100	15
10/21/2021	9:00 AM	0	0	0.146	0	67.4	43	44.1	65.3	8.25	0.0735	300	8	100	15
10/21/2021	9:15 AM	0	0	0.133	0	67.8	43	44.5	65.8	8.25	0.0735	299	8	100	15
10/21/2021	9:30 AM	0	0	0.125	0	68.4	43	45	66.3	8.25	0.0734	300	8	100	15
10/21/2021	9:45 AM	0	0	0.123	0	68.8	43	45.4	66.6	8.25	0.0733	300	8	100	15
10/21/2021	10:00 AM	0	0	0.115	0	69.2	43	45.7	67	8.25	0.0732	299	8	100	15
10/21/2021	10:15 AM	0	0	0.109	0	69.8	43	46.3	67.6	8.25	0.0731	300	8	100	15
10/21/2021	10:30 AM	0	0	0.106	0	70.2	43	46.6	68	8.24	0.0731	299	8	100	15
10/21/2021	10:45 AM	0	0	0.104	0	70.7	43	47.1	68.6	8.22	0.073	299	8	100	15
10/21/2021	11:00 AM	0	0	0.103	0	71	43	47.4	69	8.21	0.0729	299	8	100	15
10/21/2021	11:15 AM	0	0	0.1	0	71.4	44	48.3	69.7	8.32	0.0728	299	8	100	15
10/21/2021	11:30 AM	0	0	0.091	0	71.8	44	48.7	70.2	8.31	0.0727	300	8	100	15
10/21/2021	11:45 AM	0	0	0.073	0	72.3	44	49.2	71	8.3	0.0726	298	8	100	15
10/21/2021	12:00 PM	0	0	0.045	0	73	45	50.4	72.1	8.45	0.0725	299	8	100	15
10/21/2021	12:15 PM	0	0	0.039	0	73.6	45	50.9	72.8	8.45	0.0724	300	8	100	15
10/21/2021	12:30 PM	0	0	0.028	0	74.3	45	51.6	73.6	8.45	0.0722	300	8	100	15
10/21/2021	12:45 PM	0	0	0.021	0	75.1	45	52.3	74.5	8.45	0.0721	298	8	100	15
10/21/2021	1:00 PM	0	0	0.019	0	75.8	45	52.9	75.2	8.43	0.072	298	8	100	15
10/21/2021	1:15 PM	0	0	0.016	0	76.4	45	53.5	75.8	8.42	0.0719	300	8	100	15
10/21/2021	1:30 PM	0	0	0.007	0	77	45	54	76.4	8.41	0.0717	300	8	100	15
10/21/2021	1:45 PM	0	0	0.004	0	77.6	45	54.6	76.9	8.4	0.0716	298	8	100	15
10/21/2021	2:00 PM	0	0	0.005	0	78.2	44	54.5	77.4	8.19	0.0715	300	8	100	15
10/21/2021	2:15 PM	0	0	0.001	0	78.6	44	54.9	77.8	8.18	0.0714	300	8	100	15
10/21/2021	2:30 PM	0	0	0.005	0	78.9	44	55.1	78.2	8.17	0.0714	300	8	100	15
10/21/2021	2:45 PM	0	0	0.011	0	79.2	44	55.4	78.5	8.17	0.0713	300	8	100	15
10/21/2021	3:00 PM	0	0	0.008	0	79.3	44	55.5	78.6	8.16	0.0713	299	8	100	15
10/21/2021	3:15 PM	0	0	0.001	0	79.5	44	55.7	78.8	8.16	0.0712	300	8	100	15
10/21/2021	3:30 PM	0	0	0	0.005	79.8	44	55.9	79.1	8.15	0.0712	299	8	100	15
10/21/2021	3:45 PM	0	0	0	0.005	80.2	44	56.3	79.5	8.15	0.0711	300	8	100	15
10/21/2021	4:00 PM	0	0	0	0	80.6	44	56.7	79.9	8.15	0.071	300	8	100	15
10/21/2021	4:15 PM	0	0	0.003	0	80.7	44	56.8	80	8.15	0.071	300	8	100	15
10/21/2021	4:30 PM	0	0	0.001	0	80.8	44	56.9	80.1	8.15	0.071	300	8	100	15
10/21/2021	4:45 PM	0	0	0	0	80.8	44	56.9	80.1	8.15	0.071	300	8	100	15
10/21/2021	5:00 PM	0	0	0	0.005	81	44	57	80.4	8.15	0.0709	299	8	100	15
10/21/2021	5:15 PM	0	0	0	0.009	81.2	44	57.2	80.6	8.15	0.0709	300	8	100	15
10/21/2021	5:30 PM	0	0	0	0.006	81.3	44	57.3	80.7	8.15	0.0709	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/21/2021	5:45 PM	65.5	65.7	65.5	83	60.2	0	WSW	0	3	WSW	65.5	66.2	66.2	29.366
10/21/2021	6:00 PM	65	65.5	65	84	60	0	SW	0	3	SW	65	65.7	65.7	29.367
10/21/2021	6:15 PM	64.2	65	64.2	86	59.9	0	---	0	0	---	64.2	64.8	64.8	29.362
10/21/2021	6:30 PM	63.2	64.2	63.2	87	59.3	0	---	0	0	---	63.2	63.7	63.7	29.36
10/21/2021	6:45 PM	61.9	63.2	61.9	90	58.9	0	---	0	0	---	61.9	62.5	62.5	29.349
10/21/2021	7:00 PM	60.8	61.9	60.8	90	57.8	0	---	0	0	---	60.8	61.2	61.2	29.35
10/21/2021	7:15 PM	60.1	60.8	60.1	92	57.8	0	---	0	0	---	60.1	60.5	60.5	29.353
10/21/2021	7:30 PM	59.6	60.2	59.6	93	57.6	0	---	0	0	---	59.6	60	60	29.354
10/21/2021	7:45 PM	59.1	59.6	59	94	57.4	0	---	0	0	---	59.1	59.5	59.5	29.348
10/21/2021	8:00 PM	59.3	59.3	59	94	57.6	0	---	0	0	---	59.3	59.8	59.8	29.343
10/21/2021	8:15 PM	59.1	59.3	59.1	95	57.7	0	---	0	0	---	59.1	59.6	59.6	29.343
10/21/2021	8:30 PM	59.1	59.3	59	95	57.7	0	---	0	0	---	59.1	59.6	59.6	29.336
10/21/2021	8:45 PM	58.9	59.1	58.9	95	57.5	0	---	0	0	---	58.9	59.4	59.4	29.342
10/21/2021	9:00 PM	60.1	60.2	58.9	97	59.2	1	NW	0.25	3	WNW	60.1	60.9	60.9	29.355
10/21/2021	9:15 PM	61.2	61.2	60.2	97	60.3	0	W	0	3	ENE	61.2	62.2	62.2	29.36
10/21/2021	9:30 PM	61.6	61.8	61.3	96	60.4	1	W	0.25	4	WNW	61.6	62.5	62.5	29.363
10/21/2021	9:45 PM	61.4	61.6	61.3	96	60.2	0	SE	0	3	SE	61.4	62.3	62.3	29.37
10/21/2021	10:00 PM	61.4	61.5	61.3	96	60.2	0	ESE	0	2	ESE	61.4	62.3	62.3	29.367
10/21/2021	10:15 PM	61.2	61.5	61.2	96	60.1	0	---	0	0	---	61.2	62	62	29.364
10/21/2021	10:30 PM	61	61.2	61	96	59.9	0	---	0	0	---	61	61.8	61.8	29.368
10/21/2021	10:45 PM	60.9	61.1	60.9	97	60	0	---	0	0	---	60.9	61.8	61.8	29.37
10/21/2021	11:00 PM	60.9	61	60.9	97	60	0	---	0	0	---	60.9	61.8	61.8	29.374
10/21/2021	11:15 PM	60.8	61	60.8	97	59.9	0	ESE	0	2	ESE	60.8	61.7	61.7	29.369
10/21/2021	11:30 PM	60.5	60.9	60.5	97	59.6	0	SE	0	2	SE	60.5	61.4	61.4	29.368
10/21/2021	11:45 PM	60.3	60.6	60.2	96	59.2	0	E	0	1	E	60.3	61	61	29.361
10/22/2021	12:00 AM	59.6	60.2	59.6	96	58.5	0	---	0	0	---	59.6	60.3	60.3	29.355
10/22/2021	12:15 AM	59.4	59.6	59.4	97	58.5	0	---	0	0	---	59.4	60.1	60.1	29.356
10/22/2021	12:30 AM	59	59.5	59	96	57.9	0	ENE	0	2	ENE	59	59.6	59.6	29.356
10/22/2021	12:45 AM	58.4	59	58.3	97	57.6	0	---	0	0	---	58.4	59	59	29.356
10/22/2021	1:00 AM	58.4	58.5	58.3	98	57.8	0	---	0	0	---	58.4	59.1	59.1	29.346
10/22/2021	1:15 AM	58.3	58.6	58.3	97	57.5	0	---	0	0	---	58.3	58.9	58.9	29.34
10/22/2021	1:30 AM	58	58.3	58	97	57.2	0	---	0	0	---	58	58.6	58.6	29.34
10/22/2021	1:45 AM	58	58	57.9	98	57.4	0	---	0	0	---	58	58.7	58.7	29.336
10/22/2021	2:00 AM	58.3	58.3	57.9	98	57.7	0	---	0	0	---	58.3	59	59	29.333
10/22/2021	2:15 AM	58.8	58.8	58.3	98	58.2	0	---	0	0	---	58.8	59.6	59.6	29.331
10/22/2021	2:30 AM	59.3	59.3	58.8	98	58.7	1	NNW	0.25	5	NNW	59.3	60.1	60.1	29.334

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/21/2021	5:45 PM	0	0	0	0.005	81.4	44	57.4	80.8	8.15	0.0708	299	8	100	15
10/21/2021	6:00 PM	0	0	0	0	81.6	44	57.6	81.1	8.15	0.0708	300	8	100	15
10/21/2021	6:15 PM	0	0	0.008	0	81.6	44	57.6	81.1	8.15	0.0708	300	8	100	15
10/21/2021	6:30 PM	0	0	0.019	0	81.6	44	57.6	81.1	8.15	0.0708	300	8	100	15
10/21/2021	6:45 PM	0	0	0.032	0	81.5	43	56.8	80.8	8.02	0.0708	300	8	100	15
10/21/2021	7:00 PM	0	0	0.044	0	81.3	43	56.7	80.6	8.02	0.0708	300	8	100	15
10/21/2021	7:15 PM	0	0	0.051	0	81	43	56.4	80.2	8.03	0.0709	299	8	100	15
10/21/2021	7:30 PM	0	0	0.056	0	80.8	43	56.2	80	8.03	0.0709	298	8	100	15
10/21/2021	7:45 PM	0	0	0.061	0	80.5	43	55.9	79.7	8.04	0.071	298	8	100	15
10/21/2021	8:00 PM	0	0	0.059	0	80.3	43	55.8	79.5	8.04	0.071	300	8	100	15
10/21/2021	8:15 PM	0	0	0.061	0	80	44	56.1	79.3	8.15	0.071	300	8	100	15
10/21/2021	8:30 PM	0	0	0.061	0	79.8	44	55.9	79.1	8.15	0.071	299	8	100	15
10/21/2021	8:45 PM	0	0	0.064	0	79.6	44	55.8	78.9	8.16	0.0711	300	8	100	15
10/21/2021	9:00 PM	0	0	0.051	0	79.4	44	55.6	78.7	8.16	0.0711	300	8	100	15
10/21/2021	9:15 PM	0.16	3.37	0.04	0	79.2	44	55.4	78.5	8.17	0.0712	299	8	100	15
10/21/2021	9:30 PM	0	0	0.035	0	78.9	45	55.8	78.3	8.37	0.0712	299	8	100	15
10/21/2021	9:45 PM	0	0	0.037	0	78.8	45	55.7	78.2	8.37	0.0712	299	8	100	15
10/21/2021	10:00 PM	0	0	0.037	0	78.8	46	56.3	78.3	8.47	0.0712	299	8	100	15
10/21/2021	10:15 PM	0	0	0.04	0	78.8	46	56.3	78.3	8.47	0.0712	300	8	100	15
10/21/2021	10:30 PM	0.04	0.44	0.042	0	78.8	46	56.3	78.3	8.47	0.0712	300	8	100	15
10/21/2021	10:45 PM	0	0	0.043	0	78.9	46	56.4	78.4	8.47	0.0712	300	8	100	15
10/21/2021	11:00 PM	0	0	0.043	0	78.9	46	56.4	78.4	8.47	0.0712	299	8	100	15
10/21/2021	11:15 PM	0	0	0.044	0	78.9	46	56.4	78.4	8.47	0.0712	299	8	100	15
10/21/2021	11:30 PM	0	0	0.047	0	78.9	46	56.4	78.4	8.47	0.0712	300	8	100	15
10/21/2021	11:45 PM	0	0	0.049	0	78.8	47	56.9	78.4	8.67	0.0712	299	8	100	15
10/22/2021	12:00 AM	0	0	0.056	0	78.7	47	56.8	78.3	8.68	0.0712	300	8	100	15
10/22/2021	12:15 AM	0	0	0.058	0	78.6	47	56.7	78.2	8.68	0.0712	299	8	100	15
10/22/2021	12:30 AM	0	0	0.063	0	78.5	47	56.6	78.1	8.68	0.0712	300	8	100	15
10/22/2021	12:45 AM	0	0	0.069	0	78.3	47	56.4	77.9	8.68	0.0712	300	8	100	15
10/22/2021	1:00 AM	0	0	0.069	0	78.3	47	56.4	77.9	8.68	0.0712	299	8	100	15
10/22/2021	1:15 AM	0	0	0.07	0	78.1	47	56.2	77.7	8.69	0.0712	299	8	100	15
10/22/2021	1:30 AM	0	0	0.073	0	78	47	56.1	77.6	8.69	0.0713	300	8	100	15
10/22/2021	1:45 AM	0	0	0.073	0	77.9	47	56	77.5	8.69	0.0713	300	8	100	15
10/22/2021	2:00 AM	0	0	0.07	0	77.8	47	56	77.4	8.69	0.0713	300	8	100	15
10/22/2021	2:15 AM	0	0	0.065	0	77.8	47	56	77.4	8.69	0.0713	299	8	100	15
10/22/2021	2:30 AM	0	0	0.059	0	77.8	47	56	77.4	8.69	0.0713	298	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/22/2021	2:45 AM	58.3	59.3	58.3	93	56.3	2	WNW	0.5	6	W	58.3	58.6	58.6	29.332
10/22/2021	3:00 AM	57.9	58.4	57.8	92	55.6	1	WNW	0.25	6	W	57.9	58.2	58.2	29.331
10/22/2021	3:15 AM	57.4	57.8	57.3	92	55.1	1	W	0.25	4	W	57.4	57.6	57.6	29.333
10/22/2021	3:30 AM	57.1	57.4	57.1	92	54.8	1	SSW	0.25	4	ESE	57.1	57.3	57.3	29.336
10/22/2021	3:45 AM	56.5	57.1	56.5	89	53.3	1	W	0.25	8	WSW	56.5	56.5	56.5	29.336
10/22/2021	4:00 AM	56.1	56.6	56.1	92	53.8	0	N	0	2	SW	56.1	56.3	56.3	29.336
10/22/2021	4:15 AM	55.5	56.1	55.5	93	53.5	0	ENE	0	1	ENE	55.5	55.7	55.7	29.337
10/22/2021	4:30 AM	55	55.5	54.9	95	53.6	1	ESE	0.25	2	ESE	55	55.3	55.3	29.339
10/22/2021	4:45 AM	54.5	54.9	54.5	95	53.1	0	---	0	0	---	54.5	54.8	54.8	29.338
10/22/2021	5:00 AM	54	54.5	54	96	52.9	0	---	0	0	---	54	54.4	54.4	29.337
10/22/2021	5:15 AM	53.9	54	53.8	96	52.8	0	---	0	0	---	53.9	54.3	54.3	29.336
10/22/2021	5:30 AM	53.4	53.9	53.4	96	52.3	0	---	0	0	---	53.4	53.8	53.8	29.334
10/22/2021	5:45 AM	52.5	53.4	52.5	95	51.1	0	---	0	0	---	52.5	52.8	52.8	29.339
10/22/2021	6:00 AM	51.6	52.4	51.6	95	50.2	0	---	0	0	---	51.6	52	52	29.338
10/22/2021	6:15 AM	51.2	51.7	51.1	96	50.1	0	---	0	0	---	51.2	51.6	51.6	29.342
10/22/2021	6:30 AM	51	51.2	51	97	50.2	0	---	0	0	---	51	51.5	51.5	29.344
10/22/2021	6:45 AM	51	51.1	50.9	97	50.2	0	---	0	0	---	51	51.5	51.5	29.346
10/22/2021	7:00 AM	51.2	51.2	51	98	50.7	0	---	0	0	---	51.2	51.7	51.7	29.346
10/22/2021	7:15 AM	51.4	51.4	51.2	98	50.9	0	ESE	0	2	ESE	51.4	51.9	51.9	29.351
10/22/2021	7:30 AM	51.6	51.7	51.3	98	51.1	0	SSE	0	2	SSE	51.6	52.1	52.1	29.361
10/22/2021	7:45 AM	51.6	51.7	51.6	98	51.1	0	---	0	0	---	51.6	52.1	52.1	29.36
10/22/2021	8:00 AM	51.7	51.7	51.6	97	50.9	0	---	0	0	---	51.7	52.2	52.2	29.358
10/22/2021	8:15 AM	51.8	51.8	51.6	97	51	0	---	0	0	---	51.8	52.3	52.3	29.364
10/22/2021	8:30 AM	52	52	51.8	97	51.2	0	---	0	0	---	52	52.5	52.5	29.369
10/22/2021	8:45 AM	52.3	52.4	52	95	50.9	0	---	0	0	---	52.3	52.7	52.7	29.371
10/22/2021	9:00 AM	53	53	52.3	95	51.6	0	---	0	0	---	53	53.3	53.3	29.376
10/22/2021	9:15 AM	53.5	53.5	53	93	51.5	0	---	0	0	---	53.5	53.7	53.7	29.377
10/22/2021	9:30 AM	53.8	53.9	53.4	89	50.6	0	SSW	0	1	SSW	53.8	53.9	53.9	29.38
10/22/2021	9:45 AM	54	54.1	53.8	89	50.8	0	SSW	0	2	SSW	54	54.1	54.1	29.385
10/22/2021	10:00 AM	54.1	54.1	54	89	50.9	0	SSW	0	2	SSW	54.1	54.2	54.2	29.386
10/22/2021	10:15 AM	54.3	54.4	54.1	86	50.2	0	SSW	0	2	SSW	54.3	54.2	54.2	29.391
10/22/2021	10:30 AM	54.8	54.8	54.3	85	50.4	0	SSW	0	2	SSW	54.8	54.6	54.6	29.392
10/22/2021	10:45 AM	55.2	55.2	54.8	82	49.8	0	SSE	0	3	SSE	55.2	54.9	54.9	29.397
10/22/2021	11:00 AM	55.8	55.8	55.2	82	50.4	0	SSE	0	3	SSE	55.8	55.5	55.5	29.395
10/22/2021	11:15 AM	56	56.1	55.7	79	49.6	1	WSW	0.25	3	SW	56	55.6	55.6	29.398
10/22/2021	11:30 AM	56.4	56.5	56	78	49.6	1	W	0.25	3	W	56.4	56	56	29.397

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/22/2021	2:45 AM	0.01	0	0.07	0	77.7	47	55.9	77.3	8.7	0.0713	299	8	100	15
10/22/2021	3:00 AM	0	0	0.074	0	77.5	47	55.7	77.1	8.7	0.0713	300	8	100	15
10/22/2021	3:15 AM	0	0	0.079	0	77.1	47	55.3	76.7	8.71	0.0714	300	8	100	15
10/22/2021	3:30 AM	0	0	0.082	0	76.8	47	55	76.4	8.71	0.0715	299	8	100	15
10/22/2021	3:45 AM	0	0	0.089	0	76.5	47	54.8	76.1	8.72	0.0715	300	8	100	15
10/22/2021	4:00 AM	0	0	0.093	0	76.2	47	54.5	75.8	8.73	0.0716	299	8	100	15
10/22/2021	4:15 AM	0	0	0.099	0	76	47	54.3	75.6	8.73	0.0716	300	8	100	15
10/22/2021	4:30 AM	0	0	0.104	0	75.8	47	54.1	75.4	8.73	0.0716	299	8	100	15
10/22/2021	4:45 AM	0	0	0.109	0	75.7	47	54	75.3	8.74	0.0716	300	8	100	15
10/22/2021	5:00 AM	0	0	0.115	0	75.5	47	53.9	75.1	8.74	0.0717	299	8	100	15
10/22/2021	5:15 AM	0	0	0.116	0	75.3	48	54.3	75	8.94	0.0717	300	8	100	15
10/22/2021	5:30 AM	0	0	0.121	0	75.2	48	54.2	74.9	8.95	0.0717	300	8	100	15
10/22/2021	5:45 AM	0	0	0.13	0	74.9	47	53.3	74.5	8.75	0.0718	300	8	100	15
10/22/2021	6:00 AM	0	0	0.14	0	74.7	47	53.1	74.3	8.75	0.0718	300	8	100	15
10/22/2021	6:15 AM	0	0	0.144	0	74.4	47	52.9	73.9	8.75	0.0719	299	8	100	15
10/22/2021	6:30 AM	0	0	0.146	0	74.1	47	52.6	73.6	8.75	0.0719	299	8	100	15
10/22/2021	6:45 AM	0	0	0.146	0	73.8	47	52.3	73.3	8.75	0.072	300	8	100	15
10/22/2021	7:00 AM	0	0	0.144	0	73.6	47	52.1	73	8.75	0.072	299	8	100	15
10/22/2021	7:15 AM	0	0	0.142	0	73.5	47	52	72.9	8.75	0.072	300	8	100	15
10/22/2021	7:30 AM	0	0	0.14	0	73.2	47	51.8	72.5	8.75	0.0721	300	8	100	15
10/22/2021	7:45 AM	0	0	0.14	0	73.1	47	51.7	72.4	8.75	0.0721	300	8	100	15
10/22/2021	8:00 AM	0	0	0.139	0	73	47	51.6	72.3	8.75	0.0721	299	8	100	15
10/22/2021	8:15 AM	0	0	0.138	0	72.8	48	52	72.1	8.91	0.0722	300	8	100	15
10/22/2021	8:30 AM	0	0	0.135	0	72.7	48	51.9	71.9	8.9	0.0722	299	8	100	15
10/22/2021	8:45 AM	0	0	0.132	0	72.8	48	52	72.1	8.91	0.0722	300	8	100	15
10/22/2021	9:00 AM	0	0	0.125	0	72.9	48	52.1	72.2	8.91	0.0722	300	8	100	15
10/22/2021	9:15 AM	0	0	0.12	0	73	48	52.1	72.3	8.91	0.0722	300	8	100	15
10/22/2021	9:30 AM	0	0	0.117	0	73.1	48	52.2	72.5	8.91	0.0722	299	8	100	15
10/22/2021	9:45 AM	0	0	0.115	0	73.3	48	52.4	72.7	8.92	0.0721	299	8	100	15
10/22/2021	10:00 AM	0	0	0.114	0	73.4	48	52.5	72.8	8.92	0.0721	300	8	100	15
10/22/2021	10:15 AM	0	0	0.111	0	73.5	48	52.6	73	8.92	0.0721	299	8	100	15
10/22/2021	10:30 AM	0	0	0.106	0	73.5	48	52.6	73	8.92	0.0721	300	8	100	15
10/22/2021	10:45 AM	0	0	0.102	0	73.6	48	52.7	73.1	8.92	0.0721	300	8	100	15
10/22/2021	11:00 AM	0	0	0.096	0	73.8	48	52.9	73.3	8.93	0.0721	300	8	100	15
10/22/2021	11:15 AM	0	0	0.094	0	74.1	48	53.2	73.7	8.93	0.072	298	8	100	15
10/22/2021	11:30 AM	0	0	0.09	0	74.3	48	53.3	73.9	8.94	0.072	298	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/22/2021	11:45 AM	56.7	56.7	56.4	78	49.9	1	WSW	0.25	3	WSW	56.7	56.3	56.3	29.395
10/22/2021	12:00 PM	57.2	57.3	56.7	78	50.4	2	SE	0.5	8	WSW	57.2	56.8	56.8	29.399
10/22/2021	12:15 PM	57	57.3	57	78	50.2	2	WSW	0.5	5	SW	57	56.6	56.6	29.397
10/22/2021	12:30 PM	57.7	57.7	56.9	78	50.9	1	ESE	0.25	5	SE	57.7	57.3	57.3	29.391
10/22/2021	12:45 PM	57.3	57.7	57.3	78	50.5	1	W	0.25	4	WSW	57.3	56.9	56.9	29.389
10/22/2021	1:00 PM	57	57.3	57	77	49.9	1	SW	0.25	3	SW	57	56.5	56.5	29.388
10/22/2021	1:15 PM	57.5	57.5	56.9	79	51	0	WSW	0	3	ENE	57.5	57.1	57.1	29.378
10/22/2021	1:30 PM	57.9	58	57.4	75	50	1	WSW	0.25	4	SSW	57.9	57.3	57.3	29.371
10/22/2021	1:45 PM	57.7	57.9	57.7	73	49.1	0	WSW	0	3	SSW	57.7	57	57	29.366
10/22/2021	2:00 PM	57.8	57.8	57.7	74	49.6	0	---	0	0	---	57.8	57.1	57.1	29.36
10/22/2021	2:15 PM	58.1	58.2	57.8	74	49.9	0	NNE	0	2	NNE	58.1	57.4	57.4	29.356
10/22/2021	2:30 PM	58.3	58.3	58	76	50.8	0	NNE	0	2	NNE	58.3	57.8	57.8	29.358
10/22/2021	2:45 PM	59.1	59.1	58.3	74	50.8	1	NNW	0.25	3	NW	59.1	58.4	58.4	29.357
10/22/2021	3:00 PM	59.4	59.5	59.1	71	50	0	SW	0	3	SW	59.4	58.6	58.6	29.355
10/22/2021	3:15 PM	59.6	59.6	59.3	71	50.2	0	NW	0	3	WNW	59.6	58.8	58.8	29.347
10/22/2021	3:30 PM	59.8	59.9	59.6	69	49.6	1	SW	0.25	8	ESE	59.8	58.9	58.9	29.344
10/22/2021	3:45 PM	60.3	60.4	59.8	66	48.9	2	SSW	0.5	10	SSE	60.3	59.3	59.3	29.345
10/22/2021	4:00 PM	61.1	61.1	60.2	64	48.8	1	SW	0.25	7	WNW	61.1	60	60	29.343
10/22/2021	4:15 PM	60.7	61.1	60.7	63	48	3	SW	0.75	8	W	60.7	59.5	59.5	29.342
10/22/2021	4:30 PM	60	60.7	60	64	47.8	2	SW	0.5	6	W	60	58.8	58.8	29.345
10/22/2021	4:45 PM	60.1	60.1	59.9	65	48.3	2	WSW	0.5	5	WSW	60.1	59	59	29.344
10/22/2021	5:00 PM	60.1	60.2	60	67	49.1	1	WSW	0.25	7	WSW	60.1	59.1	59.1	29.343
10/22/2021	5:15 PM	59.6	60.2	59.6	67	48.6	1	WSW	0.25	5	SW	59.6	58.6	58.6	29.344
10/22/2021	5:30 PM	59.1	59.6	59	74	50.8	1	WSW	0.25	4	SSW	59.1	58.4	58.4	29.342
10/22/2021	5:45 PM	58.8	59.1	58.8	71	49.4	1	WSW	0.25	4	WSW	58.8	58	58	29.343
10/22/2021	6:00 PM	58.6	58.8	58.6	79	52.1	0	WSW	0	2	NNW	58.6	58.3	58.3	29.344
10/22/2021	6:15 PM	57.9	58.6	57.8	73	49.3	1	W	0.25	4	WSW	57.9	57.2	57.2	29.348
10/22/2021	6:30 PM	57.5	57.9	57.5	74	49.3	1	WSW	0.25	4	SW	57.5	56.8	56.8	29.351
10/22/2021	6:45 PM	57.1	57.5	57.1	75	49.2	0	W	0	4	WNW	57.1	56.5	56.5	29.351
10/22/2021	7:00 PM	56.7	57.1	56.6	74	48.5	1	SW	0.25	6	SW	56.7	56	56	29.358
10/22/2021	7:15 PM	56.1	56.7	56	75	48.3	1	WSW	0.25	4	NW	56.1	55.5	55.5	29.362
10/22/2021	7:30 PM	56	56.1	55.9	75	48.2	1	WSW	0.25	7	W	56	55.4	55.4	29.363
10/22/2021	7:45 PM	55.8	56	55.8	77	48.7	0	WSW	0	5	SW	55.8	55.3	55.3	29.369
10/22/2021	8:00 PM	55.7	55.8	55.7	76	48.2	1	WSW	0.25	4	WSW	55.7	55.2	55.2	29.371
10/22/2021	8:15 PM	55.6	55.7	55.5	75	47.8	1	W	0.25	3	WSW	55.6	55	55	29.375
10/22/2021	8:30 PM	55.4	55.6	55.4	76	48	1	SW	0.25	2	W	55.4	54.9	54.9	29.379

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/22/2021	11:45 AM	0	0	0.086	0	74.6	48	53.6	74.3	8.94	0.0719	299	8	100	15
10/22/2021	12:00 PM	0	0	0.081	0	74.8	48	53.8	74.5	8.95	0.0719	300	8	100	15
10/22/2021	12:15 PM	0	0	0.083	0	75	47	53.4	74.6	8.75	0.0719	299	8	100	15
10/22/2021	12:30 PM	0	0	0.076	0	75.1	47	53.5	74.7	8.75	0.0719	300	8	100	15
10/22/2021	12:45 PM	0	0	0.08	0	75.3	47	53.7	74.9	8.74	0.0718	300	8	100	15
10/22/2021	1:00 PM	0	0	0.083	0	75.4	47	53.8	75	8.74	0.0718	300	8	100	15
10/22/2021	1:15 PM	0	0	0.078	0	75.5	47	53.9	75.1	8.74	0.0718	300	8	100	15
10/22/2021	1:30 PM	0	0	0.074	0	75.7	46	53.4	75.2	8.54	0.0717	299	8	100	15
10/22/2021	1:45 PM	0	0	0.076	0	75.8	46	53.5	75.3	8.53	0.0717	300	8	100	15
10/22/2021	2:00 PM	0	0	0.075	0	76	46	53.7	75.5	8.53	0.0717	300	8	100	15
10/22/2021	2:15 PM	0	0	0.072	0	76.2	46	53.9	75.7	8.53	0.0716	300	8	100	15
10/22/2021	2:30 PM	0	0	0.07	0	76.2	46	53.9	75.7	8.53	0.0716	300	8	100	15
10/22/2021	2:45 PM	0	0	0.061	0	76.4	46	54.1	75.9	8.52	0.0716	300	8	100	15
10/22/2021	3:00 PM	0	0	0.058	0	76.6	46	54.3	76.1	8.52	0.0716	299	8	100	15
10/22/2021	3:15 PM	0	0	0.056	0	76.8	45	53.8	76.2	8.41	0.0715	300	8	100	15
10/22/2021	3:30 PM	0	0	0.054	0	77	45	54	76.4	8.41	0.0715	300	8	100	15
10/22/2021	3:45 PM	0	0	0.049	0	77.2	45	54.2	76.6	8.41	0.0715	300	8	100	15
10/22/2021	4:00 PM	0	0	0.041	0	77.4	45	54.4	76.8	8.4	0.0714	300	8	100	15
10/22/2021	4:15 PM	0	0	0.045	0	77.7	45	54.7	77	8.4	0.0714	300	8	100	15
10/22/2021	4:30 PM	0	0	0.052	0	77.8	44	54.1	77	8.19	0.0714	299	8	100	15
10/22/2021	4:45 PM	0	0	0.051	0	78	44	54.3	77.2	8.19	0.0713	300	8	100	15
10/22/2021	5:00 PM	0	0	0.051	0	78	44	54.3	77.2	8.19	0.0713	300	8	100	15
10/22/2021	5:15 PM	0	0	0.056	0	78.1	43	53.8	77.2	8.05	0.0713	300	8	100	15
10/22/2021	5:30 PM	0	0	0.061	0	78	43	53.7	77.1	8.05	0.0714	299	8	100	15
10/22/2021	5:45 PM	0	0	0.065	0	78	43	53.7	77.1	8.05	0.0714	300	8	100	15
10/22/2021	6:00 PM	0	0	0.067	0	77.9	42	53	76.9	7.89	0.0714	300	8	100	15
10/22/2021	6:15 PM	0	0	0.074	0	77.7	42	52.8	76.7	7.9	0.0714	298	8	100	15
10/22/2021	6:30 PM	0	0	0.078	0	77.5	42	52.6	76.6	7.9	0.0715	299	8	100	15
10/22/2021	6:45 PM	0	0	0.082	0	77.2	42	52.3	76.3	7.91	0.0715	300	8	100	15
10/22/2021	7:00 PM	0	0	0.086	0	77	42	52.1	76.1	7.91	0.0716	300	8	100	15
10/22/2021	7:15 PM	0	0	0.093	0	76.7	42	51.9	75.8	7.92	0.0716	299	8	100	15
10/22/2021	7:30 PM	0	0	0.094	0	76.3	41	50.9	75.3	7.75	0.0717	300	8	100	15
10/22/2021	7:45 PM	0	0	0.096	0	76	42	51.2	75.1	7.93	0.0718	300	8	100	15
10/22/2021	8:00 PM	0	0	0.097	0	75.8	42	51.1	74.9	7.93	0.0718	300	8	100	15
10/22/2021	8:15 PM	0	0	0.098	0	75.5	42	50.8	74.6	7.94	0.0719	299	8	100	15
10/22/2021	8:30 PM	0	0	0.1	0	75.4	42	50.7	74.5	7.94	0.0719	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/22/2021	8:45 PM	55.3	55.5	55.3	75	47.5	1	WSW	0.25	4	SW	55.3	54.7	54.7	29.386
10/22/2021	9:00 PM	55.3	55.4	55.3	75	47.5	2	SW	0.5	5	WSW	55.3	54.7	54.7	29.39
10/22/2021	9:15 PM	55.1	55.4	55.1	79	48.7	1	SW	0.25	6	W	55.1	54.7	54.7	29.389
10/22/2021	9:30 PM	54.7	55.1	54.7	76	47.3	0	SSW	0	2	S	54.7	54.2	54.2	29.388
10/22/2021	9:45 PM	54.5	54.7	54.4	77	47.4	1	WSW	0.25	4	WSW	54.5	54	54	29.387
10/22/2021	10:00 PM	54.3	54.5	54.3	75	46.5	1	WSW	0.25	4	SW	54.3	53.7	53.7	29.392
10/22/2021	10:15 PM	54	54.3	54	79	47.6	0	W	0	3	E	54	53.6	53.6	29.393
10/22/2021	10:30 PM	53.5	54	53.5	82	48.1	0	ESE	0	3	E	53.5	53.3	53.3	29.392
10/22/2021	10:45 PM	53.2	53.5	53.2	83	48.2	0	ESE	0	1	ESE	53.2	53	53	29.396
10/22/2021	11:00 PM	53	53.2	52.9	81	47.3	0	ESE	0	2	ESE	53	52.7	52.7	29.397
10/22/2021	11:15 PM	52.9	53	52.9	81	47.2	0	ESE	0	2	ESE	52.9	52.7	52.7	29.398
10/22/2021	11:30 PM	53.1	53.1	52.9	80	47.1	1	SW	0.25	5	SSW	53.1	52.8	52.8	29.395
10/22/2021	11:45 PM	53	53.1	52.9	81	47.3	0	W	0	3	W	53	52.7	52.7	29.391
10/23/2021	12:00 AM	52.7	53	52.7	83	47.7	0	NE	0	1	W	52.7	52.5	52.5	29.391
10/23/2021	12:15 AM	52.6	52.7	52.5	80	46.6	0	WSW	0	3	SW	52.6	52.3	52.3	29.391
10/23/2021	12:30 AM	52.6	52.7	52.6	79	46.3	1	WSW	0.25	3	WSW	52.6	52.3	52.3	29.39
10/23/2021	12:45 AM	52.5	52.6	52.5	82	47.2	0	WSW	0	2	W	52.5	52.3	52.3	29.389
10/23/2021	1:00 AM	52.3	52.6	52.3	82	47	0	---	0	0	---	52.3	52.2	52.2	29.384
10/23/2021	1:15 AM	52.2	52.3	52.2	81	46.5	0	WSW	0	2	W	52.2	52	52	29.386
10/23/2021	1:30 AM	52.1	52.3	52.1	81	46.4	1	WSW	0.25	3	W	52.1	51.9	51.9	29.385
10/23/2021	1:45 AM	52	52.2	52	81	46.3	1	WSW	0.25	3	WSW	52	51.8	51.8	29.382
10/23/2021	2:00 AM	51.9	52.1	51.9	82	46.6	0	SW	0	1	SW	51.9	51.8	51.8	29.384
10/23/2021	2:15 AM	51.9	51.9	51.8	82	46.6	0	SW	0	3	SW	51.9	51.8	51.8	29.379
10/23/2021	2:30 AM	51.7	51.9	51.7	82	46.4	1	SSW	0.25	3	WSW	51.7	51.6	51.6	29.379
10/23/2021	2:45 AM	51.6	51.8	51.6	83	46.6	0	W	0	2	W	51.6	51.5	51.5	29.382
10/23/2021	3:00 AM	51.5	51.6	51.5	82	46.2	0	W	0	3	WNW	51.5	51.4	51.4	29.376
10/23/2021	3:15 AM	51.4	51.5	51.4	83	46.4	0	W	0	2	W	51.4	51.3	51.3	29.38
10/23/2021	3:30 AM	51.3	51.4	51.3	83	46.3	0	S	0	2	SSW	51.3	51.2	51.2	29.385
10/23/2021	3:45 AM	51.2	51.3	51.2	82	45.9	0	SW	0	3	SW	51.2	51.1	51.1	29.386
10/23/2021	4:00 AM	51	51.2	51	82	45.7	1	SW	0.25	3	SE	51	50.9	50.9	29.38
10/23/2021	4:15 AM	50.9	51.1	50.9	83	45.9	1	WSW	0.25	4	WSW	50.9	50.8	50.8	29.385
10/23/2021	4:30 AM	50.8	50.9	50.8	83	45.8	1	WSW	0.25	3	WNW	50.8	50.7	50.7	29.387
10/23/2021	4:45 AM	50.7	50.8	50.6	83	45.7	1	WSW	0.25	4	WSW	50.7	50.7	50.7	29.389
10/23/2021	5:00 AM	50.6	50.7	50.6	83	45.6	2	WSW	0.5	6	SW	50.6	50.6	50.6	29.388
10/23/2021	5:15 AM	50.4	50.6	50.4	83	45.4	1	WSW	0.25	3	WSW	50.4	50.4	50.4	29.394
10/23/2021	5:30 AM	50.3	50.5	50.3	84	45.6	1	SW	0.25	4	SW	50.3	50.3	50.3	29.398

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/22/2021	8:45 PM	0	0	0.101	0	75.2	42	50.5	74.3	7.95	0.072	300	8	100	15
10/22/2021	9:00 PM	0	0	0.101	0	74.9	41	49.6	73.9	7.75	0.072	297	8	100	15
10/22/2021	9:15 PM	0	0	0.103	0	74.7	41	49.4	73.7	7.76	0.0721	300	8	100	15
10/22/2021	9:30 PM	0	0	0.107	0	74.5	42	49.9	73.6	7.96	0.0721	300	8	100	15
10/22/2021	9:45 PM	0	0	0.109	0	74.3	42	49.7	73.3	7.96	0.0721	300	8	100	15
10/22/2021	10:00 PM	0	0	0.111	0	74.1	42	49.5	73.1	7.97	0.0721	300	8	100	15
10/22/2021	10:15 PM	0	0	0.115	0	74	42	49.4	73	7.97	0.0722	299	8	100	15
10/22/2021	10:30 PM	0	0	0.12	0	73.8	42	49.3	72.8	7.97	0.0722	300	8	100	15
10/22/2021	10:45 PM	0	0	0.123	0	73.6	42	49.1	72.5	7.98	0.0722	300	8	100	15
10/22/2021	11:00 PM	0	0	0.125	0	73.5	42	49	72.4	7.98	0.0723	300	8	100	15
10/22/2021	11:15 PM	0	0	0.126	0	73.4	42	48.9	72.3	7.98	0.0723	299	8	100	15
10/22/2021	11:30 PM	0	0	0.124	0	73.3	42	48.8	72.2	7.98	0.0723	299	8	100	15
10/22/2021	11:45 PM	0	0	0.125	0	73.2	42	48.7	72.1	7.99	0.0723	300	8	100	15
10/23/2021	12:00 AM	0	0	0.128	0	73	42	48.5	71.9	7.99	0.0723	299	8	100	15
10/23/2021	12:15 AM	0	0	0.129	0	73	42	48.5	71.9	7.99	0.0723	300	8	100	15
10/23/2021	12:30 AM	0	0	0.129	0	72.9	42	48.5	71.7	7.99	0.0723	299	8	100	15
10/23/2021	12:45 AM	0	0	0.13	0	72.8	42	48.4	71.6	7.99	0.0724	298	8	100	15
10/23/2021	1:00 AM	0	0	0.132	0	72.7	42	48.3	71.4	8	0.0724	300	8	100	15
10/23/2021	1:15 AM	0	0	0.133	0	72.7	42	48.3	71.4	8	0.0724	300	8	100	15
10/23/2021	1:30 AM	0	0	0.134	0	72.6	42	48.2	71.3	8	0.0724	300	8	100	15
10/23/2021	1:45 AM	0	0	0.135	0	72.5	42	48.1	71.1	8	0.0724	300	8	100	15
10/23/2021	2:00 AM	0	0	0.136	0	72.3	42	47.9	70.8	8	0.0724	300	8	100	15
10/23/2021	2:15 AM	0	0	0.136	0	72.2	42	47.8	70.7	8.01	0.0724	298	8	100	15
10/23/2021	2:30 AM	0	0	0.139	0	72.1	42	47.7	70.5	8.01	0.0724	299	8	100	15
10/23/2021	2:45 AM	0	0	0.14	0	72	42	47.6	70.4	8.01	0.0725	300	8	100	15
10/23/2021	3:00 AM	0	0	0.141	0	71.9	42	47.6	70.2	8.01	0.0725	300	8	100	15
10/23/2021	3:15 AM	0	0	0.142	0	71.9	42	47.6	70.2	8.01	0.0725	300	8	100	15
10/23/2021	3:30 AM	0	0	0.143	0	71.8	42	47.5	70.1	8.01	0.0725	300	8	100	15
10/23/2021	3:45 AM	0	0	0.144	0	71.7	42	47.4	69.9	8.02	0.0725	299	8	100	15
10/23/2021	4:00 AM	0	0	0.146	0	71.6	42	47.3	69.8	8.02	0.0725	300	8	100	15
10/23/2021	4:15 AM	0	0	0.147	0	71.5	42	47.2	69.7	8.02	0.0726	300	8	100	15
10/23/2021	4:30 AM	0	0	0.148	0	71.3	42	47	69.4	8.02	0.0726	299	8	100	15
10/23/2021	4:45 AM	0	0	0.149	0	71.2	42	46.9	69.2	8.03	0.0726	300	8	100	15
10/23/2021	5:00 AM	0	0	0.15	0	71	41	46.1	68.9	7.91	0.0727	299	8	100	15
10/23/2021	5:15 AM	0	0	0.152	0	70.7	41	45.8	68.5	7.92	0.0727	299	8	100	15
10/23/2021	5:30 AM	0	0	0.153	0	70.4	41	45.6	68.1	7.93	0.0728	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/23/2021	5:45 AM	50.3	50.4	50.2	84	45.6	1	SW	0.25	4	SW	50.3	50.3	50.3	29.404
10/23/2021	6:00 AM	50.2	50.3	50.1	84	45.6	2	W	0.5	8	WNW	50.2	50.3	50.3	29.412
10/23/2021	6:15 AM	50.1	50.2	50.1	83	45.1	1	W	0.25	6	WNW	50.1	50.1	50.1	29.421
10/23/2021	6:30 AM	49.9	50.1	49.9	84	45.3	1	SW	0.25	4	SW	49.9	50	50	29.42
10/23/2021	6:45 AM	50	50	49.9	82	44.7	2	SW	0.5	7	SW	50	50	50	29.43
10/23/2021	7:00 AM	49.9	50	49.9	83	44.9	0	SW	0	3	SW	49.9	50	50	29.427
10/23/2021	7:15 AM	49.9	49.9	49.8	82	44.6	0	SSE	0	2	SSE	49.9	49.9	49.9	29.431
10/23/2021	7:30 AM	49.8	49.9	49.8	83	44.8	0	SSW	0	3	SSW	49.8	49.9	49.9	29.435
10/23/2021	7:45 AM	49.7	49.9	49.7	83	44.7	0	SSE	0	3	SSE	49.7	49.7	49.7	29.435
10/23/2021	8:00 AM	49.6	49.8	49.6	83	44.6	1	SE	0.25	2	SSE	49.6	49.6	49.6	29.439
10/23/2021	8:15 AM	49.2	49.6	49.2	84	44.6	0	---	0	0	---	49.2	49.3	49.3	29.454
10/23/2021	8:30 AM	48.8	49.2	48.7	87	45.1	0	---	0	0	---	48.8	49	49	29.461
10/23/2021	8:45 AM	49.4	49.4	48.7	87	45.7	0	---	0	0	---	49.4	49.6	49.6	29.469
10/23/2021	9:00 AM	50	50	49.3	85	45.7	0	---	0	0	---	50	50.1	50.1	29.471
10/23/2021	9:15 AM	51.5	51.5	50	82	46.2	0	SW	0	4	E	51.5	51.4	51.4	29.474
10/23/2021	9:30 AM	51.7	51.8	51.5	80	45.7	1	WSW	0.25	4	WSW	51.7	51.5	51.5	29.476
10/23/2021	9:45 AM	52.9	52.9	51.7	79	46.6	2	SW	0.5	5	SW	52.9	52.6	52.6	29.479
10/23/2021	10:00 AM	53.8	53.9	53	76	46.4	2	SW	0.5	7	ESE	53.8	53.3	53.3	29.48
10/23/2021	10:15 AM	52.6	53.8	52.6	77	45.6	2	SW	0.5	5	WSW	52.6	52.2	52.2	29.486
10/23/2021	10:30 AM	52.6	52.6	52.4	76	45.2	2	W	0.5	6	W	52.6	52.2	52.2	29.489
10/23/2021	10:45 AM	52.9	52.9	52.5	74	44.8	2	WSW	0.5	5	WSW	52.9	52.4	52.4	29.483
10/23/2021	11:00 AM	53.5	53.5	52.9	73	45.1	2	WSW	0.5	8	SW	53.5	52.9	52.9	29.484
10/23/2021	11:15 AM	54.4	54.5	53.5	72	45.6	2	SSW	0.5	8	W	54.4	53.7	53.7	29.478
10/23/2021	11:30 AM	55.9	56	54.4	70	46.3	3	SE	0.75	8	SE	55.9	55	55	29.479
10/23/2021	11:45 AM	57.3	57.3	56	68	46.8	2	SW	0.5	7	SW	57.3	56.3	56.3	29.479
10/23/2021	12:00 PM	56.1	57.6	56	67	45.3	2	W	0.5	7	SSW	56.1	55.1	55.1	29.48
10/23/2021	12:15 PM	55.8	56	55.4	69	45.8	2	WNW	0.5	7	SE	55.8	54.9	54.9	29.468
10/23/2021	12:30 PM	56.8	57	55.8	66	45.6	3	SW	0.75	10	SW	56.8	55.7	55.7	29.464
10/23/2021	12:45 PM	57.7	57.7	56.2	65	46	2	WNW	0.5	7	SW	57.7	56.6	56.6	29.468
10/23/2021	1:00 PM	58.5	58.5	57.7	63	45.9	2	SW	0.5	7	SW	58.5	57.3	57.3	29.465
10/23/2021	1:15 PM	58.3	58.8	58.3	62	45.3	2	SW	0.5	7	W	58.3	57	57	29.459
10/23/2021	1:30 PM	58.7	58.7	58.1	62	45.7	3	SW	0.75	11	SW	58.7	57.4	57.4	29.449
10/23/2021	1:45 PM	59	59.1	58.7	58	44.2	4	SW	1	9	E	59	57.5	57.5	29.438
10/23/2021	2:00 PM	60.2	60.2	59	60	46.3	2	W	0.5	9	WNW	60.2	58.8	58.8	29.433
10/23/2021	2:15 PM	60.2	60.4	60.1	58	45.4	3	WSW	0.75	7	W	60.2	58.7	58.7	29.434
10/23/2021	2:30 PM	61	61	60.2	57	45.7	3	SW	0.75	7	WSW	61	59.4	59.4	29.431

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/23/2021	5:45 AM	0	0	0.153	0	70.2	42	46	67.9	8.05	0.0728	300	8	100	15
10/23/2021	6:00 AM	0	0	0.154	0	70.1	42	45.9	67.8	8.05	0.0729	300	8	100	15
10/23/2021	6:15 AM	0	0	0.155	0	69.9	42	45.8	67.6	8.05	0.0729	300	8	100	15
10/23/2021	6:30 AM	0	0	0.157	0	69.8	42	45.7	67.5	8.05	0.0729	300	8	100	15
10/23/2021	6:45 AM	0	0	0.156	0	69.6	42	45.5	67.3	8.06	0.073	300	8	100	15
10/23/2021	7:00 AM	0	0	0.157	0	69.5	42	45.4	67.2	8.06	0.073	299	8	100	15
10/23/2021	7:15 AM	0	0	0.157	0	69.5	42	45.4	67.2	8.06	0.073	300	8	100	15
10/23/2021	7:30 AM	0	0	0.158	0	69.5	42	45.4	67.2	8.06	0.073	300	8	100	15
10/23/2021	7:45 AM	0	0	0.159	0	69.5	42	45.4	67.2	8.06	0.073	300	8	100	15
10/23/2021	8:00 AM	0	0	0.16	0	69.5	42	45.4	67.2	8.06	0.073	276	8	94.8	15
10/23/2021	8:15 AM	0	0	0.165	0	69.6	42	45.5	67.3	8.06	0.073	214	8	73.5	15
10/23/2021	8:30 AM	0	0	0.169	0	69.6	42	45.5	67.3	8.06	0.0731	300	8	100	15
10/23/2021	8:45 AM	0	0	0.162	0	69.6	42	45.5	67.3	8.06	0.0731	299	8	100	15
10/23/2021	9:00 AM	0	0	0.156	0	69.7	42	45.6	67.4	8.06	0.0731	299	8	100	15
10/23/2021	9:15 AM	0	0	0.141	0	69.7	42	45.6	67.4	8.06	0.0731	300	8	100	15
10/23/2021	9:30 AM	0	0	0.139	0	69.8	42	45.7	67.5	8.05	0.0731	300	8	100	15
10/23/2021	9:45 AM	0	0	0.126	0	69.7	42	45.6	67.4	8.06	0.0731	300	8	100	15
10/23/2021	10:00 AM	0	0	0.117	0	69.8	42	45.7	67.5	8.05	0.0731	300	8	100	15
10/23/2021	10:15 AM	0	0	0.129	0	69.9	43	46.4	67.6	8.25	0.0731	300	8	100	15
10/23/2021	10:30 AM	0	0	0.129	0	70	43	46.5	67.7	8.25	0.073	300	8	100	15
10/23/2021	10:45 AM	0	0	0.126	0	70.3	43	46.7	68.1	8.24	0.073	214	8	73.5	15
10/23/2021	11:00 AM	0	0	0.12	0	70.4	43	46.8	68.3	8.23	0.073	300	8	100	15
10/23/2021	11:15 AM	0	0	0.11	0	70.6	43	47	68.5	8.23	0.0729	300	8	100	15
10/23/2021	11:30 AM	0	0	0.095	0	70.8	43	47.2	68.8	8.22	0.0729	300	8	100	15
10/23/2021	11:45 AM	0	0	0.08	0	71.1	43	47.5	69.2	8.21	0.0728	300	8	100	15
10/23/2021	12:00 PM	0	0	0.093	0	71.4	43	47.7	69.6	8.19	0.0728	300	8	100	15
10/23/2021	12:15 PM	0	0	0.096	0	71.6	43	47.9	69.9	8.19	0.0727	300	8	100	15
10/23/2021	12:30 PM	0	0	0.085	0	71.9	43	48.2	70.3	8.17	0.0727	300	8	100	15
10/23/2021	12:45 PM	0	0	0.076	0	72.2	43	48.5	70.7	8.16	0.0726	299	8	100	15
10/23/2021	1:00 PM	0	0	0.068	0	72.5	43	48.7	71.2	8.15	0.0726	299	8	100	15
10/23/2021	1:15 PM	0	0	0.07	0	72.9	42	48.5	71.7	7.99	0.0725	300	8	100	15
10/23/2021	1:30 PM	0	0	0.066	0	73.3	42	48.8	72.2	7.98	0.0724	300	8	100	15
10/23/2021	1:45 PM	0	0	0.063	0	73.7	42	49.2	72.7	7.98	0.0723	300	8	100	15
10/23/2021	2:00 PM	0	0	0.05	0	74.1	43	50.2	73.2	8.09	0.0722	299	8	100	15
10/23/2021	2:15 PM	0	0	0.05	0	75.2	43	51.2	74.4	8.05	0.0721	300	8	100	15
10/23/2021	2:30 PM	0	0	0.042	0	76.5	44	53	75.8	8.22	0.0718	298	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/23/2021	2:45 PM	61.3	61.3	60.9	62	48.2	2	W	0.5	7	E	61.3	60.1	60.1	29.421
10/23/2021	3:00 PM	61	61.5	61	56	45.2	2	WSW	0.5	7	WSW	61	59.4	59.4	29.415
10/23/2021	3:15 PM	61.6	61.6	60.9	55	45.3	2	W	0.5	4	W	61.6	60	60	29.402
10/23/2021	3:30 PM	62.7	62.7	61.6	54	45.8	1	SE	0.25	4	SSE	62.7	61.1	61.1	29.405
10/23/2021	3:45 PM	62.8	63.1	62.7	54	45.9	2	WSW	0.5	7	ESE	62.8	61.2	61.2	29.411
10/23/2021	4:00 PM	62	62.9	61.9	54	45.2	3	W	0.75	8	SE	62	60.3	60.3	29.412
10/23/2021	4:15 PM	61.6	61.9	61.4	56	45.7	2	ESE	0.5	8	WSW	61.6	60	60	29.409
10/23/2021	4:30 PM	61.7	61.7	61.5	55	45.4	1	WSW	0.25	5	SW	61.7	60.1	60.1	29.411
10/23/2021	4:45 PM	61.8	61.8	61.6	55	45.5	1	SE	0.25	5	SE	61.8	60.2	60.2	29.402
10/23/2021	5:00 PM	61.4	61.8	61.3	53	44.1	2	WSW	0.5	5	WSW	61.4	59.6	59.6	29.399
10/23/2021	5:15 PM	61.6	61.6	61.4	54	44.8	1	WSW	0.25	4	WSW	61.6	59.9	59.9	29.397
10/23/2021	5:30 PM	60.9	61.6	60.9	56	45.1	1	ESE	0.25	4	SSE	60.9	59.3	59.3	29.397
10/23/2021	5:45 PM	59.3	60.9	59.3	70	49.5	1	SE	0.25	3	ESE	59.3	58.4	58.4	29.405
10/23/2021	6:00 PM	58.2	59.2	58.1	72	49.2	1	SE	0.25	3	SE	58.2	57.4	57.4	29.406
10/23/2021	6:15 PM	57.7	58.1	57.7	71	48.4	0	SE	0	1	SE	57.7	56.9	56.9	29.422
10/23/2021	6:30 PM	57.4	57.8	57.4	73	48.8	0	---	0	0	---	57.4	56.7	56.7	29.416
10/23/2021	6:45 PM	57.1	57.4	57	75	49.2	0	---	0	0	---	57.1	56.5	56.5	29.413
10/23/2021	7:00 PM	56.6	57.1	56.6	77	49.5	0	---	0	0	---	56.6	56.1	56.1	29.41
10/23/2021	7:15 PM	56.4	56.7	56.4	77	49.3	0	---	0	0	---	56.4	55.9	55.9	29.407
10/23/2021	7:30 PM	56.1	56.4	56.1	79	49.7	0	---	0	0	---	56.1	55.7	55.7	29.409
10/23/2021	7:45 PM	56	56.1	55.9	79	49.6	0	---	0	0	---	56	55.6	55.6	29.411
10/23/2021	8:00 PM	55.8	56	55.8	79	49.4	0	---	0	0	---	55.8	55.4	55.4	29.407
10/23/2021	8:15 PM	55.6	55.9	55.6	80	49.5	0	---	0	0	---	55.6	55.3	55.3	29.414
10/23/2021	8:30 PM	55.5	55.6	55.5	80	49.4	0	---	0	0	---	55.5	55.2	55.2	29.415
10/23/2021	8:45 PM	55.3	55.5	55.3	81	49.6	0	---	0	0	---	55.3	55	55	29.412
10/23/2021	9:00 PM	55.2	55.4	55.2	80	49.1	0	---	0	0	---	55.2	54.9	54.9	29.412
10/23/2021	9:15 PM	55.1	55.3	55.1	82	49.7	0	---	0	0	---	55.1	54.8	54.8	29.412
10/23/2021	9:30 PM	55	55.1	54.9	83	49.9	0	---	0	0	---	55	54.8	54.8	29.411
10/23/2021	9:45 PM	54.9	55	54.9	83	49.8	0	---	0	0	---	54.9	54.7	54.7	29.418
10/23/2021	10:00 PM	54.6	55	54.6	84	49.9	0	---	0	0	---	54.6	54.4	54.4	29.426
10/23/2021	10:15 PM	53.9	54.6	53.9	84	49.2	0	---	0	0	---	53.9	53.8	53.8	29.43
10/23/2021	10:30 PM	52.7	53.9	52.7	85	48.3	0	---	0	0	---	52.7	52.6	52.6	29.434
10/23/2021	10:45 PM	51.7	52.7	51.7	86	47.6	0	---	0	0	---	51.7	51.7	51.7	29.441
10/23/2021	11:00 PM	51	51.7	51	89	47.9	0	---	0	0	---	51	51.2	51.2	29.443
10/23/2021	11:15 PM	51.2	51.2	51	90	48.4	0	---	0	0	---	51.2	51.4	51.4	29.437
10/23/2021	11:30 PM	51.3	51.4	51.2	90	48.5	0	---	0	0	---	51.3	51.5	51.5	29.435

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/23/2021	2:45 PM	0	0	0.039	0	78.5	44	54.8	77.7	8.18	0.0714	300	8	100	15
10/23/2021	3:00 PM	0	0	0.042	0	80.4	42	55.2	79.4	7.85	0.0712	300	8	100	15
10/23/2021	3:15 PM	0	0	0.035	0	81.8	41	55.8	80.8	7.71	0.0709	300	8	100	15
10/23/2021	3:30 PM	0	0	0.024	0	82.9	40	56.1	81.9	7.55	0.0708	299	8	100	15
10/23/2021	3:45 PM	0	0	0.023	0	83.5	38	55.2	82.3	7.25	0.0707	300	8	100	15
10/23/2021	4:00 PM	0	0	0.031	0	83.4	37	54.4	82	7.08	0.0708	300	8	100	15
10/23/2021	4:15 PM	0	0	0.035	0	83	37	54	81.6	7.09	0.0709	300	8	100	15
10/23/2021	4:30 PM	0	0	0.034	0	82.8	37	53.9	81.4	7.09	0.0709	300	8	100	15
10/23/2021	4:45 PM	0	0	0.033	0	82.6	36	52.9	81	6.85	0.0709	299	8	100	15
10/23/2021	5:00 PM	0	0	0.037	0	82.3	36	52.7	80.7	6.86	0.071	299	8	100	15
10/23/2021	5:15 PM	0	0	0.035	0	82	36	52.4	80.4	6.87	0.071	300	8	100	15
10/23/2021	5:30 PM	0	0	0.043	0	81.8	35	51.5	80.1	6.78	0.0711	299	8	100	15
10/23/2021	5:45 PM	0	0	0.059	0	81.5	35	51.2	79.8	6.79	0.0711	300	8	100	15
10/23/2021	6:00 PM	0	0	0.071	0	81.1	35	50.9	79.4	6.81	0.0712	299	8	100	15
10/23/2021	6:15 PM	0	0	0.076	0	80.6	35	50.4	78.9	6.83	0.0713	300	8	100	15
10/23/2021	6:30 PM	0	0	0.079	0	80.2	35	50.1	78.5	6.84	0.0714	300	8	100	15
10/23/2021	6:45 PM	0	0	0.082	0	79.9	35	49.8	78.2	6.85	0.0714	300	8	100	15
10/23/2021	7:00 PM	0	0	0.088	0	79.5	35	49.4	77.9	6.86	0.0715	300	8	100	15
10/23/2021	7:15 PM	0	0	0.09	0	79.2	35	49.2	77.6	6.87	0.0715	300	8	100	15
10/23/2021	7:30 PM	0	0	0.093	0	78.9	35	48.9	77.3	6.87	0.0716	300	8	100	15
10/23/2021	7:45 PM	0	0	0.094	0	78.6	36	49.4	77.1	6.98	0.0716	299	8	100	15
10/23/2021	8:00 PM	0	0	0.096	0	78.3	36	49.1	76.8	6.98	0.0716	300	8	100	15
10/23/2021	8:15 PM	0	0	0.098	0	78	36	48.9	76.5	6.99	0.0717	297	8	100	15
10/23/2021	8:30 PM	0	0	0.099	0	77.8	36	48.7	76.3	6.99	0.0717	300	8	100	15
10/23/2021	8:45 PM	0	0	0.101	0	77.6	36	48.5	76.1	7	0.0718	300	8	100	15
10/23/2021	9:00 PM	0	0	0.102	0	77.4	36	48.3	75.9	7	0.0718	300	8	100	15
10/23/2021	9:15 PM	0	0	0.103	0	77.1	36	48.1	75.7	7.01	0.0718	300	8	100	15
10/23/2021	9:30 PM	0	0	0.104	0	77	37	48.7	75.7	7.21	0.0718	300	8	100	15
10/23/2021	9:45 PM	0	0	0.105	0	76.7	37	48.5	75.4	7.22	0.0719	299	8	100	15
10/23/2021	10:00 PM	0	0	0.108	0	76.6	37	48.4	75.3	7.22	0.0719	300	8	100	15
10/23/2021	10:15 PM	0	0	0.116	0	76.4	37	48.2	75.1	7.22	0.072	300	8	100	15
10/23/2021	10:30 PM	0	0	0.128	0	76.1	37	47.9	74.8	7.23	0.072	300	8	100	15
10/23/2021	10:45 PM	0	0	0.139	0	75.7	37	47.6	74.4	7.24	0.0721	299	8	100	15
10/23/2021	11:00 PM	0	0	0.146	0	75.3	37	47.2	74	7.24	0.0722	300	8	100	15
10/23/2021	11:15 PM	0	0	0.144	0	74.8	37	46.8	73.5	7.25	0.0723	300	8	100	15
10/23/2021	11:30 PM	0	0	0.143	0	74.4	37	46.4	73.1	7.26	0.0723	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/23/2021	11:45 PM	51	51.3	51	91	48.5	0	---	0	0	---	51	51.2	51.2	29.427
10/24/2021	12:00 AM	51.3	51.3	51	90	48.5	0	---	0	0	---	51.3	51.5	51.5	29.419
10/24/2021	12:15 AM	51.2	51.3	51.2	90	48.4	0	---	0	0	---	51.2	51.4	51.4	29.424
10/24/2021	12:30 AM	50.8	51.3	50.8	91	48.3	0	---	0	0	---	50.8	51.1	51.1	29.422
10/24/2021	12:45 AM	50.3	50.8	50.3	91	47.8	0	---	0	0	---	50.3	50.6	50.6	29.427
10/24/2021	1:00 AM	49.8	50.3	49.8	92	47.6	0	---	0	0	---	49.8	50.2	50.2	29.428
10/24/2021	1:15 AM	49.9	49.9	49.7	94	48.2	0	---	0	0	---	49.9	50.4	50.4	29.428
10/24/2021	1:30 AM	50.2	50.2	49.9	94	48.5	0	---	0	0	---	50.2	50.6	50.6	29.428
10/24/2021	1:45 AM	50.7	50.7	50.2	93	48.7	0	---	0	0	---	50.7	51	51	29.431
10/24/2021	2:00 AM	50.9	50.9	50.7	93	48.9	0	---	0	0	---	50.9	51.2	51.2	29.438
10/24/2021	2:15 AM	51.2	51.2	50.9	93	49.2	0	---	0	0	---	51.2	51.5	51.5	29.434
10/24/2021	2:30 AM	51.1	51.3	51.1	92	48.9	0	---	0	0	---	51.1	51.4	51.4	29.433
10/24/2021	2:45 AM	50.6	51.2	50.6	92	48.4	0	---	0	0	---	50.6	50.9	50.9	29.44
10/24/2021	3:00 AM	49.6	50.6	49.6	92	47.4	0	---	0	0	---	49.6	50	50	29.447
10/24/2021	3:15 AM	48.8	49.6	48.7	93	46.9	0	---	0	0	---	48.8	49.2	49.2	29.453
10/24/2021	3:30 AM	48	48.8	48	94	46.4	0	---	0	0	---	48	48.4	48.4	29.451
10/24/2021	3:45 AM	47.7	48.1	47.7	95	46.3	0	---	0	0	---	47.7	48.1	48.1	29.447
10/24/2021	4:00 AM	47.3	47.7	47.2	94	45.7	0	---	0	0	---	47.3	47.6	47.6	29.447
10/24/2021	4:15 AM	46.5	47.2	46.5	94	44.9	0	---	0	0	---	46.5	46.8	46.8	29.449
10/24/2021	4:30 AM	46.3	46.6	46.2	96	45.2	0	---	0	0	---	46.3	46.6	46.6	29.447
10/24/2021	4:45 AM	46.1	46.3	46.1	96	45	0	---	0	0	---	46.1	46.4	46.4	29.456
10/24/2021	5:00 AM	46.1	46.2	45.9	97	45.3	0	---	0	0	---	46.1	46.4	46.4	29.458
10/24/2021	5:15 AM	46	46.3	46	96	44.9	0	---	0	0	---	46	46.3	46.3	29.457
10/24/2021	5:30 AM	45.6	46.1	45.6	96	44.5	0	---	0	0	---	45.6	45.9	45.9	29.462
10/24/2021	5:45 AM	45.2	45.5	45.2	96	44.1	0	---	0	0	---	45.2	45.5	45.5	29.463
10/24/2021	6:00 AM	44.8	45.3	44.8	96	43.7	0	---	0	0	---	44.8	45	45	29.471
10/24/2021	6:15 AM	44.8	44.9	44.7	97	44	0	---	0	0	---	44.8	45.1	45.1	29.474
10/24/2021	6:30 AM	44.8	44.8	44.7	97	44	0	---	0	0	---	44.8	45.1	45.1	29.475
10/24/2021	6:45 AM	44.8	44.9	44.8	97	44	0	---	0	0	---	44.8	45.1	45.1	29.48
10/24/2021	7:00 AM	45.2	45.3	44.9	98	44.7	0	---	0	0	---	45.2	45.5	45.5	29.477
10/24/2021	7:15 AM	45.6	45.6	45.2	98	45.1	0	---	0	0	---	45.6	45.9	45.9	29.48
10/24/2021	7:30 AM	46.1	46.1	45.5	98	45.6	0	---	0	0	---	46.1	46.5	46.5	29.481
10/24/2021	7:45 AM	46.8	46.8	46.1	98	46.3	0	---	0	0	---	46.8	47.2	47.2	29.481
10/24/2021	8:00 AM	47.3	47.3	46.9	98	46.8	0	---	0	0	---	47.3	47.7	47.7	29.48
10/24/2021	8:15 AM	47.6	47.6	47.3	98	47.1	0	---	0	0	---	47.6	48.1	48.1	29.478
10/24/2021	8:30 AM	47.9	47.9	47.6	98	47.4	0	---	0	0	---	47.9	48.4	48.4	29.478

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/23/2021	11:45 PM	0	0	0.146	0	74.2	38	47	72.9	7.38	0.0723	299	8	100	15
10/24/2021	12:00 AM	0	0	0.143	0	74	38	46.8	72.7	7.39	0.0723	298	8	100	15
10/24/2021	12:15 AM	0	0	0.144	0	73.7	38	46.5	72.3	7.4	0.0724	300	8	100	15
10/24/2021	12:30 AM	0	0	0.148	0	73.5	38	46.3	72.1	7.41	0.0724	299	8	100	15
10/24/2021	12:45 AM	0	0	0.153	0	73.2	38	46.1	71.8	7.42	0.0725	299	8	100	15
10/24/2021	1:00 AM	0	0	0.158	0	72.9	38	45.8	71.4	7.43	0.0725	300	8	100	15
10/24/2021	1:15 AM	0	0	0.157	0	72.6	38	45.5	70.9	7.45	0.0726	299	8	100	15
10/24/2021	1:30 AM	0	0	0.154	0	72.5	39	46.1	70.9	7.6	0.0726	300	8	100	15
10/24/2021	1:45 AM	0	0	0.149	0	72.4	39	46	70.7	7.6	0.0726	299	8	100	15
10/24/2021	2:00 AM	0	0	0.147	0	72.3	39	45.9	70.6	7.6	0.0726	300	8	100	15
10/24/2021	2:15 AM	0	0	0.144	0	72.2	40	46.5	70.5	7.71	0.0726	300	8	100	15
10/24/2021	2:30 AM	0	0	0.145	0	72.2	40	46.5	70.5	7.71	0.0726	299	8	100	15
10/24/2021	2:45 AM	0	0	0.15	0	72.2	40	46.5	70.5	7.71	0.0726	300	8	100	15
10/24/2021	3:00 AM	0	0	0.16	0	71.9	40	46.3	70.1	7.71	0.0727	300	8	100	15
10/24/2021	3:15 AM	0	0	0.169	0	71.7	40	46.1	69.8	7.72	0.0727	299	8	100	15
10/24/2021	3:30 AM	0	0	0.177	0	71.5	40	45.9	69.5	7.72	0.0728	300	8	100	15
10/24/2021	3:45 AM	0	0	0.18	0	71.1	40	45.5	68.9	7.73	0.0728	299	8	100	15
10/24/2021	4:00 AM	0	0	0.184	0	70.9	40	45.4	68.7	7.73	0.0729	300	8	100	15
10/24/2021	4:15 AM	0	0	0.193	0	70.6	40	45.1	68.3	7.74	0.0729	300	8	100	15
10/24/2021	4:30 AM	0	0	0.195	0	70.4	40	44.9	68	7.74	0.0729	299	8	100	15
10/24/2021	4:45 AM	0	0	0.197	0	70.1	40	44.6	67.6	7.75	0.073	300	8	100	15
10/24/2021	5:00 AM	0	0	0.197	0	69.9	40	44.5	67.4	7.75	0.073	299	8	100	15
10/24/2021	5:15 AM	0	0	0.198	0	69.5	40	44.1	67	7.76	0.0731	300	8	100	15
10/24/2021	5:30 AM	0	0	0.202	0	69.3	40	43.9	66.8	7.76	0.0731	300	8	100	15
10/24/2021	5:45 AM	0	0	0.206	0	69.1	40	43.8	66.6	7.77	0.0732	300	8	100	15
10/24/2021	6:00 AM	0	0	0.21	0	68.9	40	43.6	66.4	7.77	0.0732	298	8	100	15
10/24/2021	6:15 AM	0	0	0.21	0	68.7	40	43.4	66.3	7.78	0.0733	300	8	100	15
10/24/2021	6:30 AM	0	0	0.21	0	68.4	40	43.1	66	7.78	0.0733	300	8	100	15
10/24/2021	6:45 AM	0	0	0.21	0	68.2	41	43.6	66	7.95	0.0734	300	8	100	15
10/24/2021	7:00 AM	0	0	0.206	0	68.1	41	43.5	65.9	7.95	0.0734	299	8	100	15
10/24/2021	7:15 AM	0	0	0.202	0	67.9	41	43.3	65.7	7.95	0.0734	300	8	100	15
10/24/2021	7:30 AM	0	0	0.197	0	67.9	41	43.3	65.7	7.95	0.0734	300	8	100	15
10/24/2021	7:45 AM	0	0	0.19	0	67.9	41	43.3	65.7	7.95	0.0734	300	8	100	15
10/24/2021	8:00 AM	0	0	0.184	0	68	42	44	65.9	8.09	0.0734	300	8	100	15
10/24/2021	8:15 AM	0	0	0.181	0	68.1	42	44.1	66	8.09	0.0734	300	8	100	15
10/24/2021	8:30 AM	0	0	0.178	0	68.2	42	44.2	66.1	8.09	0.0733	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/24/2021	8:45 AM	49.6	49.6	47.9	97	48.8	0	---	0	0	---	49.6	50.2	50.2	29.481
10/24/2021	9:00 AM	51.3	51.3	49.7	93	49.3	0	---	0	0	---	51.3	51.6	51.6	29.484
10/24/2021	9:15 AM	53.1	53.1	51.3	91	50.5	0	---	0	0	---	53.1	53.2	53.2	29.486
10/24/2021	9:30 AM	54.2	54.2	53.1	88	50.7	0	E	0	2	E	54.2	54.2	54.2	29.484
10/24/2021	9:45 AM	57.2	57.2	54.3	85	52.7	0	---	0	0	---	57.2	57	57	29.486
10/24/2021	10:00 AM	59.4	59.4	57.2	73	50.7	1	E	0.25	6	ESE	59.4	58.7	58.7	29.483
10/24/2021	10:15 AM	61.2	61.2	59.4	68	50.6	1	ENE	0.25	3	E	61.2	60.4	60.4	29.482
10/24/2021	10:30 AM	63	63	61.1	66	51.5	1	N	0.25	3	SE	63	62.3	62.3	29.477
10/24/2021	10:45 AM	63.8	63.8	63	63	51	2	ESE	0.5	6	ESE	63.8	62.9	62.9	29.477
10/24/2021	11:00 AM	65.2	65.2	63.8	62	51.8	1	N	0.25	4	N	65.2	64.4	64.4	29.471
10/24/2021	11:15 AM	66.5	66.5	65.2	56	50.3	1	SSE	0.25	4	S	66.5	65.5	65.5	29.473
10/24/2021	11:30 AM	67.7	67.7	66.5	55	50.9	1	ESE	0.25	4	SSE	67.7	66.8	66.8	29.47
10/24/2021	11:45 AM	68.8	68.8	67.7	51	49.9	1	ESE	0.25	4	E	68.8	67.4	67.4	29.47
10/24/2021	12:00 PM	69.7	70	68.9	52	51.3	1	SE	0.25	4	SW	69.7	68.3	68.3	29.471
10/24/2021	12:15 PM	70	70.4	69.7	49	50	1	SW	0.25	4	SW	70	68.2	68.2	29.471
10/24/2021	12:30 PM	71.2	71.2	70	49	51.1	1	N	0.25	4	NNW	71.2	69.9	69.9	29.468
10/24/2021	12:45 PM	71.7	72.1	71.1	48	51	2	SE	0.5	5	SW	71.7	70.5	70.5	29.463
10/24/2021	1:00 PM	71	71.7	70.9	51	52	3	SW	0.75	6	SW	71	69.8	69.8	29.451
10/24/2021	1:15 PM	71.8	71.8	70.9	51	52.7	2	WSW	0.5	4	W	71.8	70.9	70.9	29.442
10/24/2021	1:30 PM	72.5	72.5	71.8	47	51.1	3	WSW	0.75	7	WSW	72.5	71.5	71.5	29.436
10/24/2021	1:45 PM	73.5	73.5	72.5	47	52	2	W	0.5	10	E	73.5	72.9	72.9	29.432
10/24/2021	2:00 PM	74.4	74.4	73.5	44	51.1	2	WSW	0.5	8	SE	74.4	73.6	73.6	29.418
10/24/2021	2:15 PM	74.4	74.8	74.3	42	49.8	2	WSW	0.5	7	SW	74.4	73.4	73.4	29.414
10/24/2021	2:30 PM	74.4	74.6	74.3	44	51.1	2	SW	0.5	9	WSW	74.4	73.6	73.6	29.403
10/24/2021	2:45 PM	74.4	74.7	74.2	40	48.5	3	SW	0.75	10	WSW	74.4	73.2	73.2	29.406
10/24/2021	3:00 PM	75.1	75.1	74.4	37	47	2	WSW	0.5	9	SW	75.1	73.8	73.8	29.406
10/24/2021	3:15 PM	75.4	75.4	75	37	47.3	2	WSW	0.5	8	WSW	75.4	74.1	74.1	29.405
10/24/2021	3:30 PM	74.9	75.4	74.9	41	49.6	4	SW	1	10	SW	74.9	73.9	73.9	29.41
10/24/2021	3:45 PM	75.1	75.5	74.9	42	50.4	2	SSW	0.5	8	SSW	75.1	74.2	74.2	29.407
10/24/2021	4:00 PM	74.3	75.1	74.2	43	50.4	3	SW	0.75	6	W	74.3	73.4	73.4	29.404
10/24/2021	4:15 PM	74.1	74.3	73.9	42	49.5	2	SW	0.5	6	SSW	74.1	73.1	73.1	29.399
10/24/2021	4:30 PM	73.7	74.1	73.7	43	49.8	2	WSW	0.5	6	W	73.7	72.8	72.8	29.395
10/24/2021	4:45 PM	73.1	73.7	73	44	49.9	2	SW	0.5	7	WSW	73.1	72.1	72.1	29.392
10/24/2021	5:00 PM	71.4	73.1	71.4	55	54.4	1	ESE	0.25	4	ESE	71.4	70.7	70.7	29.395
10/24/2021	5:15 PM	71.4	71.9	71.4	51	52.3	1	SE	0.25	6	ESE	71.4	70.3	70.3	29.387
10/24/2021	5:30 PM	71.2	71.7	71.2	48	50.5	2	SSW	0.5	7	W	71.2	69.8	69.8	29.389

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/24/2021	8:45 AM	0	0	0.16	0	68.4	42	44.4	66.2	8.08	0.0733	299	8	100	15
10/24/2021	9:00 AM	0	0	0.143	0	68.5	43	45.1	66.4	8.25	0.0733	300	8	100	15
10/24/2021	9:15 AM	0	0	0.124	0	68.7	43	45.3	66.6	8.25	0.0733	300	8	100	15
10/24/2021	9:30 AM	0	0	0.112	0	69	43	45.6	66.8	8.25	0.0732	299	8	100	15
10/24/2021	9:45 AM	0	0	0.081	0	69.4	43	45.9	67.2	8.25	0.0731	299	8	100	15
10/24/2021	10:00 AM	0	0	0.058	0	69.8	44	46.9	67.6	8.35	0.073	300	8	100	15
10/24/2021	10:15 AM	0	0	0.04	0	70.3	44	47.3	68.2	8.34	0.073	300	8	100	15
10/24/2021	10:30 AM	0	0	0.021	0	70.9	44	47.9	69	8.33	0.0729	300	8	100	15
10/24/2021	10:45 AM	0	0	0.013	0	71.5	44	48.4	69.8	8.32	0.0728	299	8	100	15
10/24/2021	11:00 AM	0	0	0	0.002	72.2	44	49.1	70.8	8.31	0.0726	300	8	100	15
10/24/2021	11:15 AM	0	0	0	0.016	72.9	44	49.7	71.9	8.29	0.0725	300	8	100	15
10/24/2021	11:30 AM	0	0	0	0.028	73.8	44	50.5	73	8.27	0.0724	300	8	100	15
10/24/2021	11:45 AM	0	0	0	0.04	74.6	44	51.2	73.9	8.26	0.0722	300	8	100	15
10/24/2021	12:00 PM	0	0	0	0.049	75.3	44	51.9	74.6	8.24	0.0721	299	8	100	15
10/24/2021	12:15 PM	0	0	0	0.052	76.2	44	52.7	75.5	8.23	0.072	300	8	100	15
10/24/2021	12:30 PM	0	0	0	0.065	77	43	52.8	76.2	8.05	0.0718	300	8	100	15
10/24/2021	12:45 PM	0	0	0	0.07	77.9	43	53.6	77	8.05	0.0717	299	8	100	15
10/24/2021	1:00 PM	0	0	0	0.063	78.7	43	54.3	77.8	8.05	0.0715	300	8	100	15
10/24/2021	1:15 PM	0	0	0	0.071	79.6	43	55.1	78.7	8.05	0.0713	300	8	100	15
10/24/2021	1:30 PM	0	0	0	0.078	80.4	42	55.2	79.4	7.85	0.0712	298	8	100	15
10/24/2021	1:45 PM	0	0	0	0.089	81.3	42	56	80.4	7.85	0.0711	299	8	100	15
10/24/2021	2:00 PM	0	0	0	0.098	82.4	42	57	81.7	7.85	0.0708	300	8	100	15
10/24/2021	2:15 PM	0	0	0	0.098	83.8	42	58.3	83.3	7.85	0.0706	300	8	100	15
10/24/2021	2:30 PM	0	0	0	0.098	85.6	42	59.9	85.5	7.84	0.0703	300	8	100	15
10/24/2021	2:45 PM	0	0	0	0.098	87.9	41	61.3	88.3	7.65	0.0699	299	8	100	15
10/24/2021	3:00 PM	0	0	0	0.105	90.2	40	62.6	91.3	7.44	0.0696	300	8	100	15
10/24/2021	3:15 PM	0	0	0	0.108	92.2	38	62.9	93.6	7.11	0.0693	300	8	100	15
10/24/2021	3:30 PM	0	0	0	0.103	93.5	36	62.5	94.8	6.78	0.0691	300	8	100	15
10/24/2021	3:45 PM	0	0	0	0.105	93.7	35	61.9	94.7	6.6	0.0691	300	8	100	15
10/24/2021	4:00 PM	0	0	0	0.097	93.2	34	60.7	93.6	6.49	0.0693	299	8	100	15
10/24/2021	4:15 PM	0	0	0	0.095	92.7	34	60.2	92.8	6.5	0.0693	300	8	100	15
10/24/2021	4:30 PM	0	0	0	0.091	92.3	33	59	92	6.4	0.0694	300	8	100	15
10/24/2021	4:45 PM	0	0	0	0.084	91.9	33	58.7	91.4	6.41	0.0695	300	8	100	15
10/24/2021	5:00 PM	0	0	0	0.067	91.7	33	58.5	91.2	6.42	0.0695	300	8	100	15
10/24/2021	5:15 PM	0	0	0	0.067	91.3	33	58.2	90.6	6.42	0.0696	299	8	100	15
10/24/2021	5:30 PM	0	0	0	0.065	91	32	57	89.9	6.23	0.0697	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/24/2021	5:45 PM	69.4	71.2	69.4	50	49.9	1	SSE	0.25	4	SSE	69.4	67.8	67.8	29.388
10/24/2021	6:00 PM	67.9	69.4	67.9	60	53.5	1	SE	0.25	5	SSE	67.9	67.4	67.4	29.391
10/24/2021	6:15 PM	65.8	67.9	65.8	57	50.1	1	SE	0.25	2	SE	65.8	64.7	64.7	29.389
10/24/2021	6:30 PM	64.1	65.8	64.1	63	51.2	0	---	0	0	---	64.1	63.2	63.2	29.39
10/24/2021	6:45 PM	62.1	64.1	62.1	65	50.2	0	---	0	0	---	62.1	61.2	61.2	29.382
10/24/2021	7:00 PM	60.2	62.1	60.2	68	49.6	0	---	0	0	---	60.2	59.3	59.3	29.384
10/24/2021	7:15 PM	58.8	60.2	58.8	71	49.4	0	---	0	0	---	58.8	58	58	29.383
10/24/2021	7:30 PM	57.8	58.8	57.8	74	49.6	0	---	0	0	---	57.8	57.1	57.1	29.377
10/24/2021	7:45 PM	57.6	57.8	57.5	73	49	0	---	0	0	---	57.6	56.9	56.9	29.384
10/24/2021	8:00 PM	57.2	57.6	57.2	74	49	0	---	0	0	---	57.2	56.5	56.5	29.39
10/24/2021	8:15 PM	56.5	57.2	56.5	76	49	0	---	0	0	---	56.5	56	56	29.389
10/24/2021	8:30 PM	56.1	56.5	56.1	76	48.6	0	---	0	0	---	56.1	55.6	55.6	29.388
10/24/2021	8:45 PM	55.9	56.2	55.9	77	48.8	0	---	0	0	---	55.9	55.4	55.4	29.383
10/24/2021	9:00 PM	55.7	55.9	55.7	76	48.2	0	---	0	0	---	55.7	55.2	55.2	29.38
10/24/2021	9:15 PM	55.7	55.8	55.6	78	48.9	0	---	0	0	---	55.7	55.3	55.3	29.383
10/24/2021	9:30 PM	55	55.7	55	80	48.9	0	---	0	0	---	55	54.7	54.7	29.383
10/24/2021	9:45 PM	54.5	55	54.5	81	48.8	0	---	0	0	---	54.5	54.2	54.2	29.379
10/24/2021	10:00 PM	54.6	54.7	54.4	83	49.5	0	---	0	0	---	54.6	54.4	54.4	29.379
10/24/2021	10:15 PM	54.6	54.7	54.6	84	49.9	0	---	0	0	---	54.6	54.4	54.4	29.375
10/24/2021	10:30 PM	54.5	54.6	54.5	85	50.1	0	---	0	0	---	54.5	54.3	54.3	29.378
10/24/2021	10:45 PM	54.4	54.5	54.3	85	50	0	---	0	0	---	54.4	54.3	54.3	29.377
10/24/2021	11:00 PM	54.3	54.4	54.3	85	49.9	0	---	0	0	---	54.3	54.2	54.2	29.375
10/24/2021	11:15 PM	54.1	54.3	54.1	86	50	0	---	0	0	---	54.1	54	54	29.371
10/24/2021	11:30 PM	53.9	54.1	53.9	86	49.8	0	---	0	0	---	53.9	53.8	53.8	29.369
10/24/2021	11:45 PM	53.6	53.9	53.6	87	49.8	0	---	0	0	---	53.6	53.6	53.6	29.367
10/25/2021	12:00 AM	53.2	53.6	53.2	88	49.7	0	---	0	0	---	53.2	53.2	53.2	29.365
10/25/2021	12:15 AM	53	53.2	53	88	49.5	0	---	0	0	---	53	53	53	29.366
10/25/2021	12:30 AM	52.8	53	52.8	89	49.6	0	---	0	0	---	52.8	52.9	52.9	29.37
10/25/2021	12:45 AM	52.7	52.8	52.6	89	49.5	0	---	0	0	---	52.7	52.8	52.8	29.366
10/25/2021	1:00 AM	52.8	52.9	52.7	89	49.6	0	ESE	0	2	ESE	52.8	52.9	52.9	29.361
10/25/2021	1:15 AM	52.9	53	52.8	89	49.7	0	---	0	0	---	52.9	53	53	29.356
10/25/2021	1:30 AM	52.8	53	52.8	90	49.9	0	---	0	0	---	52.8	52.9	52.9	29.347
10/25/2021	1:45 AM	52.4	52.8	52.4	89	49.3	0	---	0	0	---	52.4	52.5	52.5	29.353
10/25/2021	2:00 AM	52.1	52.4	52	91	49.6	0	---	0	0	---	52.1	52.3	52.3	29.35
10/25/2021	2:15 AM	51.9	52.1	51.9	91	49.4	0	---	0	0	---	51.9	52.1	52.1	29.35
10/25/2021	2:30 AM	51.8	52	51.8	91	49.3	0	---	0	0	---	51.8	52	52	29.346

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/24/2021	5:45 PM	0	0	0	0.046	90.6	32	56.7	89.4	6.24	0.0697	300	8	100	15
10/24/2021	6:00 PM	0	0	0	0.03	90.1	32	56.3	88.7	6.25	0.0698	300	8	100	15
10/24/2021	6:15 PM	0	0	0	0.008	89.5	32	55.7	88	6.25	0.0699	300	8	100	15
10/24/2021	6:30 PM	0	0	0.009	0	88.7	31	54.2	86.9	6.15	0.0701	299	8	100	15
10/24/2021	6:45 PM	0	0	0.03	0	76.7	37	48.5	75.4	7.22	0.0718	294	8	100	15
10/24/2021	7:00 PM	0	0	0.05	0	75.8	40	49.8	74.7	7.63	0.0719	300	8	100	15
10/24/2021	7:15 PM	0	0	0.065	0	77.5	39	50.6	76.3	7.5	0.0716	300	8	100	15
10/24/2021	7:30 PM	0	0	0.075	0	78.7	38	51	77.3	7.28	0.0714	300	8	100	15
10/24/2021	7:45 PM	0	0	0.077	0	79.3	37	50.8	77.8	7.16	0.0714	300	8	100	15
10/24/2021	8:00 PM	0	0	0.081	0	79.8	36	50.5	78.2	6.95	0.0714	300	8	100	15
10/24/2021	8:15 PM	0	0	0.089	0	80	36	50.6	78.4	6.95	0.0713	300	8	100	15
10/24/2021	8:30 PM	0	0	0.093	0	80	36	50.6	78.4	6.95	0.0713	300	8	100	15
10/24/2021	8:45 PM	0	0	0.095	0	79.9	36	50.6	78.3	6.95	0.0713	300	8	100	15
10/24/2021	9:00 PM	0	0	0.097	0	79.8	35	49.7	78.1	6.85	0.0714	300	8	100	15
10/24/2021	9:15 PM	0	0	0.097	0	79.6	35	49.5	77.9	6.86	0.0714	300	8	100	15
10/24/2021	9:30 PM	0	0	0.104	0	79.5	35	49.4	77.9	6.86	0.0714	299	8	100	15
10/24/2021	9:45 PM	0	0	0.109	0	79.3	35	49.3	77.7	6.86	0.0714	300	8	100	15
10/24/2021	10:00 PM	0	0	0.108	0	79.2	35	49.2	77.6	6.87	0.0714	300	8	100	15
10/24/2021	10:15 PM	0	0	0.108	0	79	35	49	77.4	6.87	0.0715	300	8	100	15
10/24/2021	10:30 PM	0	0	0.109	0	78.8	35	48.8	77.2	6.87	0.0715	261	8	89.7	15
10/24/2021	10:45 PM	0	0	0.11	0	78.8	35	48.8	77.2	6.87	0.0715	224	8	77	15
10/24/2021	11:00 PM	0	0	0.111	0	78.5	36	49.3	77	6.98	0.0715	300	8	100	15
10/24/2021	11:15 PM	0	0	0.114	0	78.2	36	49.1	76.7	6.99	0.0716	300	8	100	15
10/24/2021	11:30 PM	0	0	0.116	0	77.9	36	48.8	76.4	6.99	0.0716	300	8	100	15
10/24/2021	11:45 PM	0	0	0.119	0	77.8	36	48.7	76.3	6.99	0.0716	300	8	100	15
10/25/2021	12:00 AM	0	0	0.123	0	77.4	36	48.3	75.9	7	0.0717	300	8	100	15
10/25/2021	12:15 AM	0	0	0.125	0	77.3	36	48.3	75.9	7	0.0717	300	8	100	15
10/25/2021	12:30 AM	0	0	0.127	0	76.9	36	47.9	75.5	7.01	0.0718	298	8	100	15
10/25/2021	12:45 AM	0	0	0.128	0	76.7	36	47.7	75.3	7.02	0.0718	300	8	100	15
10/25/2021	1:00 AM	0	0	0.127	0	76.5	36	47.6	75.1	7.02	0.0718	299	8	100	15
10/25/2021	1:15 AM	0	0	0.126	0	76.3	37	48.1	75	7.22	0.0718	299	8	100	15
10/25/2021	1:30 AM	0	0	0.127	0	76.2	37	48	74.9	7.23	0.0718	300	8	100	15
10/25/2021	1:45 AM	0	0	0.131	0	76	37	47.8	74.7	7.23	0.0719	300	8	100	15
10/25/2021	2:00 AM	0	0	0.134	0	75.8	37	47.7	74.5	7.23	0.0719	300	8	100	15
10/25/2021	2:15 AM	0	0	0.136	0	75.7	37	47.6	74.4	7.24	0.0719	299	8	100	15
10/25/2021	2:30 AM	0	0	0.138	0	75.5	37	47.4	74.2	7.24	0.0719	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/25/2021	2:45 AM	51.7	51.8	51.7	91	49.2	0	---	0	0	---	51.7	51.9	51.9	29.354
10/25/2021	3:00 AM	51.6	51.7	51.6	91	49.1	0	ESE	0	2	ESE	51.6	51.8	51.8	29.352
10/25/2021	3:15 AM	51.4	51.6	51.4	92	49.2	0	NNW	0	3	NNW	51.4	51.7	51.7	29.345
10/25/2021	3:30 AM	51.3	51.4	51.3	92	49.1	0	---	0	0	---	51.3	51.6	51.6	29.342
10/25/2021	3:45 AM	51.4	51.4	51.3	92	49.2	0	---	0	0	---	51.4	51.7	51.7	29.334
10/25/2021	4:00 AM	51.3	51.4	51.3	92	49.1	0	---	0	0	---	51.3	51.6	51.6	29.326
10/25/2021	4:15 AM	51.5	51.5	51.3	93	49.5	0	N	0	2	N	51.5	51.8	51.8	29.319
10/25/2021	4:30 AM	51.4	51.5	51.4	92	49.2	0	---	0	0	---	51.4	51.7	51.7	29.319
10/25/2021	4:45 AM	51.3	51.5	51.3	92	49.1	0	---	0	0	---	51.3	51.6	51.6	29.318
10/25/2021	5:00 AM	50.8	51.3	50.7	92	48.6	0	N	0	2	N	50.8	51.1	51.1	29.311
10/25/2021	5:15 AM	50	50.7	50	93	48.1	0	---	0	0	---	50	50.4	50.4	29.307
10/25/2021	5:30 AM	49.6	50	49.5	93	47.7	0	---	0	0	---	49.6	50	50	29.306
10/25/2021	5:45 AM	48.8	49.6	48.8	93	46.9	0	---	0	0	---	48.8	49.2	49.2	29.311
10/25/2021	6:00 AM	48.4	48.9	48.3	94	46.8	0	---	0	0	---	48.4	48.8	48.8	29.315
10/25/2021	6:15 AM	48.2	48.4	48.2	94	46.6	0	---	0	0	---	48.2	48.6	48.6	29.308
10/25/2021	6:30 AM	47.9	48.2	47.9	94	46.3	0	---	0	0	---	47.9	48.3	48.3	29.31
10/25/2021	6:45 AM	47.8	47.9	47.8	94	46.2	0	---	0	0	---	47.8	48.1	48.1	29.301
10/25/2021	7:00 AM	47.4	47.8	47.3	94	45.8	0	---	0	0	---	47.4	47.7	47.7	29.311
10/25/2021	7:15 AM	47	47.4	46.9	95	45.6	0	---	0	0	---	47	47.3	47.3	29.313
10/25/2021	7:30 AM	46.9	47	46.8	95	45.5	0	---	0	0	---	46.9	47.2	47.2	29.306
10/25/2021	7:45 AM	46.6	46.9	46.6	95	45.2	0	N	0	2	N	46.6	46.9	46.9	29.298
10/25/2021	8:00 AM	46.6	46.7	46.6	94	45	0	---	0	0	---	46.6	46.9	46.9	29.3
10/25/2021	8:15 AM	46.5	46.6	46.4	95	45.1	0	---	0	0	---	46.5	46.8	46.8	29.298
10/25/2021	8:30 AM	46.9	46.9	46.5	95	45.5	0	E	0	2	E	46.9	47.2	47.2	29.291
10/25/2021	8:45 AM	49	49	46.9	92	46.8	0	ENE	0	1	ENE	49	49.4	49.4	29.28
10/25/2021	9:00 AM	50.7	50.7	49	91	48.2	0	---	0	0	---	50.7	51	51	29.28
10/25/2021	9:15 AM	53.7	53.7	50.7	89	50.5	0	---	0	0	---	53.7	53.8	53.8	29.282
10/25/2021	9:30 AM	54.6	54.7	53.7	88	51.1	0	---	0	0	---	54.6	54.6	54.6	29.282
10/25/2021	9:45 AM	57.1	57.1	54.7	82	51.7	0	---	0	0	---	57.1	56.8	56.8	29.278
10/25/2021	10:00 AM	58.9	58.9	57.1	77	51.7	1	N	0.25	2	ENE	58.9	58.5	58.5	29.27
10/25/2021	10:15 AM	62.5	62.5	58.9	68	51.8	1	N	0.25	2	N	62.5	61.8	61.8	29.264
10/25/2021	10:30 AM	63.7	63.7	62.5	63	50.9	0	N	0	2	N	63.7	62.8	62.8	29.252
10/25/2021	10:45 AM	65.9	65.9	63.8	60	51.6	0	SSE	0	2	SSE	65.9	65	65	29.256
10/25/2021	11:00 AM	68	68	66	54	50.7	1	ESE	0.25	4	SE	68	67	67	29.248
10/25/2021	11:15 AM	69.4	69.4	68	53	51.5	1	ESE	0.25	6	E	69.4	68.1	68.1	29.235
10/25/2021	11:30 AM	69.5	69.9	69.4	55	52.6	2	WSW	0.5	7	WSW	69.5	68.4	68.4	29.221

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/25/2021	2:45 AM	0	0	0.139	0	75.5	37	47.4	74.2	7.24	0.0719	299	8	100	15
10/25/2021	3:00 AM	0	0	0.14	0	75.4	37	47.3	74.1	7.24	0.0719	300	8	100	15
10/25/2021	3:15 AM	0	0	0.142	0	75.2	37	47.1	73.9	7.25	0.072	300	8	100	15
10/25/2021	3:30 AM	0	0	0.143	0	75.1	38	47.8	73.9	7.35	0.0719	300	8	100	15
10/25/2021	3:45 AM	0	0	0.142	0	74.9	38	47.6	73.7	7.35	0.072	300	8	100	15
10/25/2021	4:00 AM	0	0	0.143	0	74.7	38	47.4	73.4	7.36	0.072	300	8	100	15
10/25/2021	4:15 AM	0	0	0.141	0	74.5	38	47.2	73.2	7.37	0.072	300	8	100	15
10/25/2021	4:30 AM	0	0	0.142	0	74.4	38	47.1	73.1	7.37	0.072	300	8	100	15
10/25/2021	4:45 AM	0	0	0.143	0	74.3	38	47	73	7.38	0.072	300	8	100	15
10/25/2021	5:00 AM	0	0	0.148	0	74.1	38	46.9	72.8	7.39	0.072	299	8	100	15
10/25/2021	5:15 AM	0	0	0.156	0	73.9	38	46.7	72.6	7.39	0.0721	300	8	100	15
10/25/2021	5:30 AM	0	0	0.16	0	73.7	38	46.5	72.3	7.4	0.0721	300	8	100	15
10/25/2021	5:45 AM	0	0	0.169	0	73.5	38	46.3	72.1	7.41	0.0721	300	8	100	15
10/25/2021	6:00 AM	0	0	0.173	0	73.2	38	46.1	71.8	7.42	0.0722	300	8	100	15
10/25/2021	6:15 AM	0	0	0.175	0	72.8	38	45.7	71.2	7.44	0.0722	300	8	100	15
10/25/2021	6:30 AM	0	0	0.178	0	72.5	38	45.4	70.8	7.45	0.0723	300	8	100	15
10/25/2021	6:45 AM	0	0	0.179	0	72.3	38	45.3	70.5	7.46	0.0723	299	8	100	15
10/25/2021	7:00 AM	0	0	0.183	0	72	39	45.7	70.1	7.61	0.0724	299	8	100	15
10/25/2021	7:15 AM	0	0	0.188	0	71.8	39	45.5	69.8	7.61	0.0724	299	8	100	15
10/25/2021	7:30 AM	0	0	0.189	0	71.6	39	45.3	69.6	7.62	0.0724	300	8	100	15
10/25/2021	7:45 AM	0	0	0.192	0	71.3	39	45.1	69.1	7.62	0.0724	300	8	100	15
10/25/2021	8:00 AM	0	0	0.192	0	71	39	44.8	68.7	7.63	0.0725	300	8	100	15
10/25/2021	8:15 AM	0	0	0.193	0	70.8	39	44.6	68.5	7.63	0.0725	300	8	100	15
10/25/2021	8:30 AM	0	0	0.189	0	70.8	39	44.6	68.5	7.63	0.0725	300	8	100	15
10/25/2021	8:45 AM	0	0	0.167	0	70.6	39	44.4	68.2	7.64	0.0725	299	8	100	15
10/25/2021	9:00 AM	0	0	0.149	0	70.6	40	45.1	68.3	7.74	0.0725	299	8	100	15
10/25/2021	9:15 AM	0	0	0.118	0	70.9	40	45.4	68.7	7.73	0.0724	300	8	100	15
10/25/2021	9:30 AM	0	0	0.108	0	71.2	41	46.3	69.2	7.9	0.0724	300	8	100	15
10/25/2021	9:45 AM	0	0	0.082	0	71.8	41	46.8	70	7.88	0.0723	300	8	100	15
10/25/2021	10:00 AM	0	0	0.064	0	72.3	41	47.3	70.7	7.86	0.0722	300	8	100	15
10/25/2021	10:15 AM	0	0	0.026	0	72.9	41	47.8	71.6	7.83	0.072	299	8	100	15
10/25/2021	10:30 AM	0	0	0.014	0	73.7	42	49.2	72.7	7.98	0.0719	300	8	100	15
10/25/2021	10:45 AM	0	0	0	0.009	74.5	42	49.9	73.6	7.96	0.0717	299	8	100	15
10/25/2021	11:00 AM	0	0	0	0.031	75.4	42	50.7	74.5	7.94	0.0716	300	8	100	15
10/25/2021	11:15 AM	0	0	0	0.046	76.4	42	51.6	75.5	7.92	0.0714	299	8	100	15
10/25/2021	11:30 AM	0	0	0	0.047	77.1	41	51.6	76.1	7.75	0.0713	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/25/2021	11:45 AM	70.6	70.6	69.5	53	52.6	2	SW	0.5	6	SSW	70.6	69.4	69.4	29.214
10/25/2021	12:00 PM	72.2	72.2	70.6	47	50.8	2	ESE	0.5	7	SSE	72.2	71.1	71.1	29.203
10/25/2021	12:15 PM	71.4	72.2	71.4	50	51.8	2	WSW	0.5	5	WSW	71.4	70.3	70.3	29.188
10/25/2021	12:30 PM	72.9	72.9	71.4	50	53.2	2	WSW	0.5	10	WSW	72.9	72.4	72.4	29.18
10/25/2021	12:45 PM	73.6	73.7	72.9	45	50.9	2	SW	0.5	8	WSW	73.6	72.8	72.8	29.157
10/25/2021	1:00 PM	73.9	74	73.5	47	52.4	3	SW	0.75	8	WSW	73.9	73.4	73.4	29.139
10/25/2021	1:15 PM	74.9	74.9	73.6	43	50.9	3	W	0.75	9	WSW	74.9	74.1	74.1	29.123
10/25/2021	1:30 PM	74.9	75	74.8	47	53.3	2	SW	0.5	9	WSW	74.9	74.5	74.5	29.111
10/25/2021	1:45 PM	74	74.9	74	46	51.9	3	WSW	0.75	9	W	74	73.4	73.4	29.094
10/25/2021	2:00 PM	73.4	74	73.3	42	48.9	2	SW	0.5	7	WNW	73.4	72.3	72.3	29.081
10/25/2021	2:15 PM	73	73.4	73	46	51	1	S	0.25	11	SSE	73	72.2	72.2	29.072
10/25/2021	2:30 PM	71.5	73	71.5	57	55.5	0	SSW	0	2	SSW	71.5	71	71	29.061
10/25/2021	2:45 PM	69.6	71.5	69.6	56	53.2	2	NNW	0.5	10	WSW	69.6	68.6	68.6	29.056
10/25/2021	3:00 PM	66.1	69.5	66.1	61	52.3	3	NNW	0.75	14	W	66.1	65.3	65.3	29.071
10/25/2021	3:15 PM	59.9	66	59.9	81	54.1	5	WNW	1.25	13	WSW	59.9	59.7	59.7	29.107
10/25/2021	3:30 PM	58	59.8	58	87	54.2	5	WNW	1.25	20	SSE	57.6	58	57.6	29.138
10/25/2021	3:45 PM	57.5	58	57.5	89	54.3	3	NNW	0.75	11	N	57.5	57.6	57.6	29.139
10/25/2021	4:00 PM	57.2	57.5	57.2	90	54.3	1	W	0.25	5	SSE	57.2	57.3	57.3	29.146
10/25/2021	4:15 PM	57.1	57.2	57	93	55.1	0	ESE	0	3	SE	57.1	57.3	57.3	29.161
10/25/2021	4:30 PM	56.9	57.1	56.8	94	55.2	1	E	0.25	2	SE	56.9	57.2	57.2	29.154
10/25/2021	4:45 PM	57	57	56.9	95	55.6	1	E	0.25	4	N	57	57.3	57.3	29.141
10/25/2021	5:00 PM	57	57.1	57	94	55.3	0	E	0	3	E	57	57.3	57.3	29.145
10/25/2021	5:15 PM	57	57.1	56.9	94	55.3	1	SSE	0.25	4	SSE	57	57.3	57.3	29.15
10/25/2021	5:30 PM	57	57	56.9	95	55.6	0	ESE	0	3	SSE	57	57.3	57.3	29.146
10/25/2021	5:45 PM	57.1	57.1	57	95	55.7	0	---	0	0	---	57.1	57.4	57.4	29.141
10/25/2021	6:00 PM	57.2	57.3	57.1	95	55.8	0	---	0	0	---	57.2	57.5	57.5	29.133
10/25/2021	6:15 PM	57.3	57.3	57.2	95	55.9	0	---	0	0	---	57.3	57.6	57.6	29.128
10/25/2021	6:30 PM	57.2	57.3	57.2	95	55.8	0	N	0	2	N	57.2	57.5	57.5	29.129
10/25/2021	6:45 PM	57.2	57.3	57.1	96	56.1	0	---	0	0	---	57.2	57.6	57.6	29.126
10/25/2021	7:00 PM	57.2	57.3	57.2	96	56.1	0	WNW	0	2	NNE	57.2	57.6	57.6	29.115
10/25/2021	7:15 PM	57.2	57.3	57.2	96	56.1	0	WNW	0	1	W	57.2	57.6	57.6	29.105
10/25/2021	7:30 PM	57.2	57.2	57.1	96	56.1	0	---	0	0	---	57.2	57.6	57.6	29.098
10/25/2021	7:45 PM	57.2	57.3	57.2	96	56.1	0	NNW	0	3	NNW	57.2	57.6	57.6	29.093
10/25/2021	8:00 PM	57.2	57.3	57.2	96	56.1	1	NNW	0.25	3	NNW	57.2	57.6	57.6	29.086
10/25/2021	8:15 PM	56.4	57.2	56.4	95	55	0	SSE	0	3	SE	56.4	56.7	56.7	29.094
10/25/2021	8:30 PM	55.9	56.5	55.9	96	54.8	0	WSW	0	2	S	55.9	56.3	56.3	29.1

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/25/2021	11:45 AM	0	0	0	0.058	78.1	41	52.5	77	7.75	0.0711	300	8	100	15
10/25/2021	12:00 PM	0	0	0	0.075	79	41	53.3	77.9	7.75	0.0709	300	8	100	15
10/25/2021	12:15 PM	0	0	0	0.067	79.9	41	54.1	78.7	7.75	0.0707	300	8	100	15
10/25/2021	12:30 PM	0	0	0	0.082	80.8	41	54.9	79.7	7.73	0.0705	299	8	100	15
10/25/2021	12:45 PM	0	0	0	0.09	81.8	40	55.1	80.7	7.55	0.0703	300	8	100	15
10/25/2021	1:00 PM	0	0	0	0.093	82.7	40	55.9	81.7	7.55	0.0702	299	8	100	15
10/25/2021	1:15 PM	0	0	0	0.103	83.8	40	56.9	82.9	7.55	0.0699	300	8	100	15
10/25/2021	1:30 PM	0	0	0	0.103	84.8	39	57.1	83.9	7.35	0.0698	294	8	100	15
10/25/2021	1:45 PM	0	0	0	0.094	85.8	39	58	85.1	7.33	0.0696	298	8	100	15
10/25/2021	2:00 PM	0	0	0	0.088	86.5	38	57.9	85.7	7.22	0.0694	297	8	100	15
10/25/2021	2:15 PM	0	0	0	0.083	86.9	37	57.5	86	7.01	0.0694	299	8	100	15
10/25/2021	2:30 PM	0	0	0	0.068	87.1	36	56.9	86	6.79	0.0694	298	8	100	15
10/25/2021	2:45 PM	0	0	0	0.048	87.3	36	57.1	86.3	6.8	0.0693	300	8	100	15
10/25/2021	3:00 PM	0	0	0	0.011	87.2	35	56.2	85.9	6.69	0.0694	299	8	100	15
10/25/2021	3:15 PM	0.02	0.25	0.053	0	86.4	34	54.7	84.8	6.48	0.0697	296	8	100	15
10/25/2021	3:30 PM	0.02	0.25	0.073	0	85	34	53.5	83.3	6.45	0.07	298	8	100	15
10/25/2021	3:45 PM	0.02	0.12	0.078	0	83.5	34	52.2	81.7	6.51	0.0702	298	8	100	15
10/25/2021	4:00 PM	0.05	0.43	0.081	0	82.2	35	51.8	80.5	6.76	0.0704	298	8	100	15
10/25/2021	4:15 PM	0.05	0.34	0.082	0	81	35	50.8	79.3	6.81	0.0706	300	8	100	15
10/25/2021	4:30 PM	0.08	0.96	0.084	0	80.3	36	50.9	78.7	6.94	0.0707	299	8	100	15
10/25/2021	4:45 PM	0.01	0.24	0.083	0	79.6	36	50.3	78	6.96	0.0708	297	8	100	15
10/25/2021	5:00 PM	0.01	0.07	0.083	0	79.1	37	50.6	77.7	7.17	0.0708	300	8	100	15
10/25/2021	5:15 PM	0	0	0.083	0	78.6	37	50.1	77.2	7.18	0.0709	299	8	100	15
10/25/2021	5:30 PM	0	0	0.083	0	78.2	38	50.5	76.8	7.29	0.071	300	8	100	15
10/25/2021	5:45 PM	0	0	0.082	0	77.9	38	50.2	76.6	7.29	0.071	298	8	100	15
10/25/2021	6:00 PM	0	0	0.081	0	77.7	38	50.1	76.4	7.3	0.071	299	8	100	15
10/25/2021	6:15 PM	0	0	0.08	0	77.6	39	50.7	76.4	7.5	0.071	298	8	100	15
10/25/2021	6:30 PM	0	0	0.081	0	77.5	39	50.6	76.3	7.5	0.071	300	8	100	15
10/25/2021	6:45 PM	0	0	0.081	0	77.3	39	50.4	76.1	7.5	0.071	300	8	100	15
10/25/2021	7:00 PM	0	0	0.081	0	77.2	39	50.3	76	7.51	0.071	299	8	100	15
10/25/2021	7:15 PM	0	0	0.081	0	77.1	40	50.9	76	7.61	0.071	293	8	100	15
10/25/2021	7:30 PM	0	0	0.081	0	77	40	50.8	75.9	7.61	0.071	298	8	100	15
10/25/2021	7:45 PM	0	0	0.081	0	76.9	40	50.7	75.8	7.61	0.071	298	8	100	15
10/25/2021	8:00 PM	0.01	0	0.081	0	76.8	40	50.6	75.7	7.61	0.071	299	8	100	15
10/25/2021	8:15 PM	0	0	0.09	0	76.6	40	50.5	75.5	7.62	0.071	300	8	100	15
10/25/2021	8:30 PM	0	0	0.095	0	76.4	40	50.3	75.3	7.62	0.0711	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/25/2021	8:45 PM	55.6	55.9	55.5	97	54.8	0	---	0	0	---	55.6	56.1	56.1	29.101
10/25/2021	9:00 PM	56.2	56.2	55.6	97	55.4	0	WSW	0	1	WSW	56.2	56.7	56.7	29.11
10/25/2021	9:15 PM	56.3	56.3	56.1	97	55.5	0	---	0	0	---	56.3	56.8	56.8	29.113
10/25/2021	9:30 PM	56.5	56.5	56.3	98	55.9	0	WNW	0	2	W	56.5	57.1	57.1	29.119
10/25/2021	9:45 PM	57.2	57.2	56.4	97	56.4	1	WSW	0.25	4	W	57.2	57.7	57.7	29.126
10/25/2021	10:00 PM	57.6	57.7	57.1	94	55.9	2	SW	0.5	7	SW	57.6	57.9	57.9	29.135
10/25/2021	10:15 PM	57.2	57.7	57.2	91	54.6	4	SW	1	11	SW	57.2	57.4	57.4	29.142
10/25/2021	10:30 PM	56.5	57.3	56.5	89	53.3	4	SW	1	9	W	56.4	56.5	56.4	29.142
10/25/2021	10:45 PM	56.1	56.6	56.1	90	53.2	4	SW	1	11	WSW	55.9	56.2	56	29.143
10/25/2021	11:00 PM	55.6	56.1	55.5	89	52.4	4	SW	1	11	W	55.3	55.6	55.3	29.153
10/25/2021	11:15 PM	55.1	55.6	55.1	89	51.9	3	WSW	0.75	13	W	55.1	55.1	55.1	29.168
10/25/2021	11:30 PM	54.7	55.1	54.7	86	50.6	5	W	1.25	11	SW	53.7	54.6	53.6	29.179
10/25/2021	11:45 PM	53.7	54.7	53.7	83	48.7	5	WSW	1.25	17	SW	52.5	53.5	52.3	29.184
10/26/2021	12:00 AM	52.9	53.7	52.9	81	47.2	4	SW	1	10	SW	52.2	52.7	52	29.189
10/26/2021	12:15 AM	52.5	52.9	52.5	80	46.5	3	SW	0.75	9	SW	52.5	52.3	52.3	29.202
10/26/2021	12:30 AM	52.2	52.5	52.2	80	46.2	4	SW	1	12	SW	51.4	52	51.2	29.204
10/26/2021	12:45 AM	52	52.2	51.9	80	46	3	W	0.75	11	SW	51.9	51.8	51.7	29.206
10/26/2021	1:00 AM	51.8	52	51.8	81	46.2	2	WSW	0.5	7	W	51.8	51.6	51.6	29.207
10/26/2021	1:15 AM	51.5	51.9	51.4	86	47.5	2	WSW	0.5	8	SSW	51.5	51.5	51.5	29.205
10/26/2021	1:30 AM	50.8	51.5	50.8	86	46.8	3	WSW	0.75	10	WSW	50.6	50.9	50.7	29.208
10/26/2021	1:45 AM	50.5	50.9	50.5	85	46.2	2	WSW	0.5	6	WSW	50.5	50.5	50.5	29.21
10/26/2021	2:00 AM	50.3	50.5	50.3	86	46.3	2	SW	0.5	7	WSW	50.3	50.4	50.4	29.212
10/26/2021	2:15 AM	50.1	50.3	50.1	85	45.8	3	SW	0.75	9	W	49.8	50.2	49.9	29.215
10/26/2021	2:30 AM	50.1	50.2	50	85	45.8	3	SW	0.75	8	SSW	49.8	50.2	49.9	29.21
10/26/2021	2:45 AM	49.6	50.1	49.6	87	45.9	1	SW	0.25	4	WSW	49.6	49.8	49.8	29.202
10/26/2021	3:00 AM	49.4	49.7	49.3	88	46	1	SW	0.25	3	S	49.4	49.6	49.6	29.202
10/26/2021	3:15 AM	49.3	49.5	49.3	88	45.9	1	SW	0.25	6	WSW	49.3	49.5	49.5	29.197
10/26/2021	3:30 AM	49.2	49.4	49.2	89	46.1	1	WSW	0.25	6	SW	49.2	49.5	49.5	29.2
10/26/2021	3:45 AM	49	49.2	49	89	45.9	3	WSW	0.75	10	WSW	48.5	49.3	48.8	29.204
10/26/2021	4:00 AM	48.9	49	48.8	90	46.1	3	SW	0.75	9	WSW	48.4	49.2	48.7	29.202
10/26/2021	4:15 AM	48.8	48.9	48.7	90	46	3	SW	0.75	7	WSW	48.3	49.1	48.6	29.203
10/26/2021	4:30 AM	48.7	48.8	48.7	91	46.2	2	WSW	0.5	8	S	48.7	49	49	29.203
10/26/2021	4:45 AM	48.5	48.7	48.5	93	46.6	3	SW	0.75	8	WSW	48	48.9	48.4	29.207
10/26/2021	5:00 AM	48.3	48.5	48.3	93	46.4	1	SW	0.25	6	SW	48.3	48.6	48.6	29.208
10/26/2021	5:15 AM	48.3	48.3	48.2	94	46.7	1	SW	0.25	6	W	48.3	48.7	48.7	29.208
10/26/2021	5:30 AM	48.2	48.3	48.2	94	46.6	1	SW	0.25	5	SW	48.2	48.6	48.6	29.213

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/25/2021	8:45 PM	0	0	0.098	0	76.2	40	50.1	75.1	7.63	0.0711	300	8	100	15
10/25/2021	9:00 PM	0	0	0.092	0	76.1	41	50.7	75.1	7.75	0.0711	300	8	100	15
10/25/2021	9:15 PM	0	0	0.091	0	76	41	50.6	75	7.75	0.0712	298	8	100	15
10/25/2021	9:30 PM	0	0	0.089	0	76	41	50.6	75	7.75	0.0712	299	8	100	15
10/25/2021	9:45 PM	0	0	0.081	0	76	41	50.6	75	7.75	0.0712	299	8	100	15
10/25/2021	10:00 PM	0	0	0.077	0	75.9	41	50.5	74.9	7.75	0.0712	300	8	100	15
10/25/2021	10:15 PM	0	0	0.081	0	75.8	41	50.4	74.8	7.75	0.0713	298	8	100	15
10/25/2021	10:30 PM	0	0	0.089	0	75.5	41	50.1	74.5	7.75	0.0713	298	8	100	15
10/25/2021	10:45 PM	0	0	0.093	0	75.1	41	49.8	74.1	7.75	0.0714	300	8	100	15
10/25/2021	11:00 PM	0	0	0.098	0	74.8	41	49.5	73.8	7.76	0.0715	297	8	100	15
10/25/2021	11:15 PM	0	0	0.103	0	74.5	41	49.2	73.4	7.77	0.0715	300	8	100	15
10/25/2021	11:30 PM	0	0	0.107	0	74.2	41	49	73.1	7.78	0.0716	297	8	100	15
10/25/2021	11:45 PM	0	0	0.118	0	73.8	41	48.6	72.7	7.8	0.0717	299	8	100	15
10/26/2021	12:00 AM	0	0	0.126	0	73.3	41	48.2	72.1	7.82	0.0718	298	8	100	15
10/26/2021	12:15 AM	0	0	0.13	0	72.8	41	47.7	71.5	7.84	0.0719	300	8	100	15
10/26/2021	12:30 AM	0	0	0.133	0	72.4	41	47.4	70.9	7.85	0.072	299	8	100	15
10/26/2021	12:45 AM	0	0	0.135	0	72.1	41	47.1	70.4	7.87	0.072	299	8	100	15
10/26/2021	1:00 AM	0	0	0.138	0	71.8	41	46.8	70	7.88	0.0721	299	8	100	15
10/26/2021	1:15 AM	0	0	0.141	0	71.6	41	46.6	69.7	7.89	0.0721	299	8	100	15
10/26/2021	1:30 AM	0	0	0.148	0	71.3	41	46.4	69.3	7.9	0.0722	299	8	100	15
10/26/2021	1:45 AM	0	0	0.151	0	71.1	41	46.2	69	7.91	0.0722	299	8	100	15
10/26/2021	2:00 AM	0	0	0.153	0	70.9	41	46	68.8	7.91	0.0722	299	8	100	15
10/26/2021	2:15 AM	0	0	0.155	0	70.6	41	45.7	68.4	7.93	0.0723	298	8	100	15
10/26/2021	2:30 AM	0	0	0.155	0	70.4	41	45.6	68.1	7.93	0.0723	299	8	100	15
10/26/2021	2:45 AM	0	0	0.16	0	70.1	42	45.9	67.8	8.05	0.0723	300	8	100	15
10/26/2021	3:00 AM	0	0	0.162	0	70	42	45.8	67.7	8.05	0.0723	300	8	100	15
10/26/2021	3:15 AM	0	0	0.164	0	69.9	42	45.8	67.6	8.05	0.0724	298	8	100	15
10/26/2021	3:30 AM	0	0	0.165	0	69.8	42	45.7	67.5	8.05	0.0724	300	8	100	15
10/26/2021	3:45 AM	0	0	0.167	0	69.6	42	45.5	67.3	8.06	0.0724	300	8	100	15
10/26/2021	4:00 AM	0	0	0.168	0	69.4	42	45.3	67.1	8.06	0.0724	300	8	100	15
10/26/2021	4:15 AM	0	0	0.169	0	69.2	42	45.1	66.9	8.07	0.0725	299	8	100	15
10/26/2021	4:30 AM	0	0	0.17	0	69	42	44.9	66.7	8.07	0.0725	297	8	100	15
10/26/2021	4:45 AM	0	0	0.172	0	68.8	42	44.8	66.5	8.07	0.0726	298	8	100	15
10/26/2021	5:00 AM	0	0	0.174	0	68.4	42	44.4	66.2	8.08	0.0726	298	8	100	15
10/26/2021	5:15 AM	0	0	0.174	0	68.2	42	44.2	66.1	8.09	0.0727	300	8	100	15
10/26/2021	5:30 AM	0	0	0.175	0	68.1	43	44.7	66.1	8.25	0.0727	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/26/2021	5:45 AM	48.3	48.4	48.3	94	46.7	1	WSW	0.25	4	SW	48.3	48.7	48.7	29.217
10/26/2021	6:00 AM	48.5	48.5	48.4	94	46.9	1	WSW	0.25	5	SW	48.5	48.9	48.9	29.221
10/26/2021	6:15 AM	48.6	48.6	48.4	93	46.7	1	SW	0.25	4	SSW	48.6	49	49	29.223
10/26/2021	6:30 AM	48.7	48.7	48.5	93	46.8	1	WSW	0.25	5	WSW	48.7	49.1	49.1	29.224
10/26/2021	6:45 AM	48.7	48.8	48.7	94	47.1	1	WSW	0.25	5	SW	48.7	49.1	49.1	29.225
10/26/2021	7:00 AM	48.6	48.7	48.5	95	47.2	1	W	0.25	4	WNW	48.6	49.1	49.1	29.229
10/26/2021	7:15 AM	48.4	48.6	48.4	96	47.3	1	WSW	0.25	3	WNW	48.4	48.9	48.9	29.228
10/26/2021	7:30 AM	48.4	48.4	48.3	96	47.3	1	SW	0.25	2	SW	48.4	48.9	48.9	29.236
10/26/2021	7:45 AM	48.3	48.4	48.3	96	47.2	1	WSW	0.25	4	SSW	48.3	48.8	48.8	29.236
10/26/2021	8:00 AM	48.3	48.3	48.2	96	47.2	1	WSW	0.25	3	SW	48.3	48.8	48.8	29.237
10/26/2021	8:15 AM	48.3	48.3	48.2	97	47.5	0	WSW	0	2	WSW	48.3	48.8	48.8	29.24
10/26/2021	8:30 AM	48.4	48.4	48.2	96	47.3	1	WSW	0.25	3	SSW	48.4	48.9	48.9	29.239
10/26/2021	8:45 AM	48.6	48.6	48.3	94	47	1	SW	0.25	6	NNW	48.6	49	49	29.24
10/26/2021	9:00 AM	48.8	48.9	48.6	88	45.4	3	W	0.75	10	W	48.3	49	48.5	29.241
10/26/2021	9:15 AM	48.9	49	48.8	88	45.5	4	WSW	1	11	WSW	47.6	49.1	47.8	29.249
10/26/2021	9:30 AM	49.4	49.4	48.8	87	45.7	3	W	0.75	10	NW	49	49.6	49.2	29.257
10/26/2021	9:45 AM	49.6	49.7	49.4	83	44.6	4	W	1	10	NW	48.4	49.6	48.4	29.263
10/26/2021	10:00 AM	49.9	50	49.7	84	45.3	3	W	0.75	11	W	49.6	50	49.7	29.255
10/26/2021	10:15 AM	50.3	50.3	49.9	82	45	4	W	1	11	W	49.2	50.3	49.2	29.263
10/26/2021	10:30 AM	50.6	50.6	50.2	83	45.6	3	WSW	0.75	8	WNW	50.4	50.6	50.4	29.267
10/26/2021	10:45 AM	51.2	51.2	50.6	80	45.2	4	WNW	1	13	WSW	50.2	51	50	29.269
10/26/2021	11:00 AM	51.3	51.4	51.1	79	45	4	SW	1	10	WSW	50.4	51.1	50.2	29.274
10/26/2021	11:15 AM	51.9	51.9	51.3	77	44.9	4	NW	1	11	W	51.1	51.6	50.8	29.278
10/26/2021	11:30 AM	51.5	51.9	51.5	78	44.9	3	WSW	0.75	10	NW	51.4	51.2	51.1	29.278
10/26/2021	11:45 AM	51.3	51.6	51.3	79	45	2	WNW	0.5	7	SSW	51.3	51.1	51.1	29.276
10/26/2021	12:00 PM	51.3	51.4	51.1	84	46.6	3	W	0.75	8	W	51.1	51.3	51.1	29.276
10/26/2021	12:15 PM	51.8	51.8	51.3	81	46.2	3	WNW	0.75	8	NNW	51.7	51.6	51.5	29.268
10/26/2021	12:30 PM	51	51.9	51	81	45.4	4	NW	1	10	WSW	50	50.8	49.8	29.272
10/26/2021	12:45 PM	51.7	51.7	50.7	80	45.7	4	W	1	11	WSW	50.8	51.5	50.6	29.273
10/26/2021	1:00 PM	51.8	51.8	51.5	78	45.2	4	W	1	9	WSW	51	51.5	50.7	29.275
10/26/2021	1:15 PM	53.7	53.7	51.8	76	46.3	5	W	1.25	11	NW	52.5	53.2	52	29.276
10/26/2021	1:30 PM	53.6	54.2	53.6	72	44.8	4	WSW	1	10	WSW	53	52.9	52.3	29.274
10/26/2021	1:45 PM	53.6	53.7	53.3	67	42.9	5	NW	1.25	10	SW	52.4	52.7	51.5	29.274
10/26/2021	2:00 PM	51.4	53.7	51.4	80	45.4	4	NW	1	11	WNW	50.5	51.2	50.3	29.276
10/26/2021	2:15 PM	50.7	51.4	50.6	83	45.7	3	NW	0.75	9	NNE	50.5	50.7	50.5	29.282
10/26/2021	2:30 PM	51.1	51.2	50.5	81	45.5	3	NW	0.75	11	NNW	50.9	50.9	50.7	29.277

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/26/2021	5:45 AM	0	0	0.174	0	68	43	44.7	66	8.25	0.0727	299	8	100	15
10/26/2021	6:00 AM	0	0	0.172	0	68	43	44.7	66	8.25	0.0727	299	8	100	15
10/26/2021	6:15 AM	0	0	0.171	0	68.1	43	44.7	66.1	8.25	0.0727	297	8	100	15
10/26/2021	6:30 AM	0	0	0.17	0	68.2	43	44.8	66.2	8.25	0.0727	298	8	100	15
10/26/2021	6:45 AM	0	0	0.17	0	68.3	43	44.9	66.2	8.25	0.0727	299	8	100	15
10/26/2021	7:00 AM	0	0	0.171	0	68.2	43	44.8	66.2	8.25	0.0727	299	8	100	15
10/26/2021	7:15 AM	0.01	0	0.173	0	68.1	43	44.7	66.1	8.25	0.0727	300	8	100	15
10/26/2021	7:30 AM	0.01	0.04	0.173	0	68	43	44.7	66	8.25	0.0727	300	8	100	15
10/26/2021	7:45 AM	0.02	0.06	0.174	0	67.9	43	44.6	65.9	8.25	0.0728	299	8	100	15
10/26/2021	8:00 AM	0.01	0.05	0.174	0	67.9	44	45.2	66	8.35	0.0727	299	8	100	15
10/26/2021	8:15 AM	0.02	0.11	0.174	0	67.8	44	45.1	65.9	8.35	0.0728	300	8	100	15
10/26/2021	8:30 AM	0.01	0.06	0.173	0	67.8	44	45.1	65.9	8.35	0.0728	300	8	100	15
10/26/2021	8:45 AM	0	0	0.171	0	67.7	44	45	65.8	8.35	0.0728	299	8	100	15
10/26/2021	9:00 AM	0	0	0.169	0	67.6	44	44.9	65.7	8.35	0.0728	299	8	100	15
10/26/2021	9:15 AM	0	0	0.168	0	67.4	44	44.7	65.4	8.35	0.0729	299	8	100	15
10/26/2021	9:30 AM	0	0	0.162	0	67.3	44	44.6	65.3	8.35	0.0729	298	8	100	15
10/26/2021	9:45 AM	0	0	0.16	0	67.3	44	44.6	65.3	8.35	0.0729	297	8	100	15
10/26/2021	10:00 AM	0	0	0.157	0	67.3	44	44.6	65.3	8.35	0.0729	299	8	100	15
10/26/2021	10:15 AM	0	0	0.153	0	67.5	44	44.8	65.6	8.35	0.0729	296	8	100	15
10/26/2021	10:30 AM	0	0	0.15	0	67.6	44	44.9	65.7	8.35	0.0729	298	8	100	15
10/26/2021	10:45 AM	0	0	0.144	0	67.8	44	45.1	65.9	8.35	0.0728	296	8	100	15
10/26/2021	11:00 AM	0	0	0.143	0	67.9	44	45.2	66	8.35	0.0728	297	8	100	15
10/26/2021	11:15 AM	0	0	0.136	0	68.1	44	45.4	66.2	8.35	0.0728	300	8	100	15
10/26/2021	11:30 AM	0	0	0.141	0	68.4	44	45.6	66.4	8.35	0.0728	300	8	100	15
10/26/2021	11:45 AM	0	0	0.143	0	68.7	44	45.9	66.7	8.35	0.0727	299	8	100	15
10/26/2021	12:00 PM	0	0	0.143	0	68.9	44	46.1	66.8	8.35	0.0727	298	8	100	15
10/26/2021	12:15 PM	0	0	0.138	0	69.2	44	46.4	67.1	8.35	0.0726	299	8	100	15
10/26/2021	12:30 PM	0	0	0.146	0	69.5	44	46.6	67.4	8.35	0.0726	296	8	100	15
10/26/2021	12:45 PM	0	0	0.139	0	69.5	44	46.6	67.4	8.35	0.0726	298	8	100	15
10/26/2021	1:00 PM	0	0	0.138	0	69.7	44	46.8	67.5	8.35	0.0725	298	8	100	15
10/26/2021	1:15 PM	0	0	0.118	0	69.9	44	47	67.7	8.35	0.0725	300	8	100	15
10/26/2021	1:30 PM	0	0	0.119	0	70.2	44	47.3	68.1	8.35	0.0725	298	8	100	15
10/26/2021	1:45 PM	0	0	0.119	0	70.6	44	47.6	68.6	8.34	0.0724	298	8	100	15
10/26/2021	2:00 PM	0	0	0.142	0	71	44	48	69.1	8.33	0.0723	297	8	100	15
10/26/2021	2:15 PM	0	0	0.149	0	71.1	43	47.5	69.2	8.21	0.0723	298	8	100	15
10/26/2021	2:30 PM	0	0	0.145	0	71.2	43	47.6	69.3	8.2	0.0723	296	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/26/2021	2:45 PM	51.6	51.8	51.1	77	44.6	4	W	1	11	W	50.7	51.3	50.4	29.27
10/26/2021	3:00 PM	51.4	51.6	51.1	75	43.7	4	NW	1	11	W	50.5	51	50.1	29.264
10/26/2021	3:15 PM	53.4	53.4	51.4	71	44.2	5	W	1.25	13	W	52.2	52.7	51.5	29.261
10/26/2021	3:30 PM	51.9	53.4	51.9	71	42.8	4	WNW	1	16	NNW	51.1	51.3	50.5	29.262
10/26/2021	3:45 PM	51.7	52	51.6	72	43	4	W	1	10	W	50.8	51.1	50.2	29.268
10/26/2021	4:00 PM	50.6	51.7	50.5	74	42.6	4	WNW	1	13	NW	49.6	50.2	49.2	29.275
10/26/2021	4:15 PM	49.3	50.5	49.3	73	41	4	NW	1	12	N	48.1	49	47.8	29.284
10/26/2021	4:30 PM	49.8	49.8	49	69	40	4	NNW	1	11	NNE	48.7	49.4	48.3	29.285
10/26/2021	4:45 PM	50	50.3	49.8	68	39.8	4	NW	1	10	W	48.9	49.5	48.4	29.288
10/26/2021	5:00 PM	50.1	50.3	49.9	66	39.2	4	NW	1	14	SW	49	49.5	48.4	29.297
10/26/2021	5:15 PM	49.3	50.2	49.3	64	37.6	3	W	0.75	9	NNW	48.9	48.7	48.3	29.299
10/26/2021	5:30 PM	48.9	49.3	48.9	64	37.3	3	NW	0.75	7	WNW	48.4	48.3	47.8	29.297
10/26/2021	5:45 PM	48.8	49	48.8	64	37.2	3	W	0.75	9	WNW	48.3	48.1	47.6	29.296
10/26/2021	6:00 PM	48.3	48.9	48.3	65	37.1	2	W	0.5	6	W	48.3	47.6	47.6	29.295
10/26/2021	6:15 PM	48.5	48.5	48.3	66	37.7	1	WNW	0.25	7	W	48.5	47.9	47.9	29.3
10/26/2021	6:30 PM	47.2	48.5	47.2	68	37.2	2	W	0.5	7	NW	47.2	46.6	46.6	29.297
10/26/2021	6:45 PM	46.1	47.2	46.1	70	36.9	1	W	0.25	4	WSW	46.1	45.6	45.6	29.296
10/26/2021	7:00 PM	45.5	46.1	45.5	71	36.6	1	W	0.25	3	WSW	45.5	45	45	29.298
10/26/2021	7:15 PM	44.7	45.5	44.7	73	36.6	0	W	0	3	WSW	44.7	44.3	44.3	29.301
10/26/2021	7:30 PM	44.5	44.7	44.5	74	36.7	1	WSW	0.25	4	WSW	44.5	44.1	44.1	29.308
10/26/2021	7:45 PM	43.2	44.5	43.2	79	37.1	0	---	0	0	---	43.2	42.9	42.9	29.314
10/26/2021	8:00 PM	42.1	43.2	42	82	37	0	---	0	0	---	42.1	41.8	41.8	29.317
10/26/2021	8:15 PM	41.5	42	41.4	85	37.3	0	---	0	0	---	41.5	41.3	41.3	29.317
10/26/2021	8:30 PM	41.5	41.6	41.5	88	38.2	0	---	0	0	---	41.5	41.4	41.4	29.321
10/26/2021	8:45 PM	41.5	41.6	41.4	88	38.2	0	---	0	0	---	41.5	41.4	41.4	29.326
10/26/2021	9:00 PM	41	41.5	41	89	38	0	---	0	0	---	41	40.9	40.9	29.325
10/26/2021	9:15 PM	40.6	41	40.6	89	37.6	0	W	0	2	W	40.6	40.5	40.5	29.328
10/26/2021	9:30 PM	40.7	40.7	40.4	88	37.4	0	WSW	0	2	WSW	40.7	40.6	40.6	29.322
10/26/2021	9:45 PM	40.7	40.8	40.6	87	37.1	0	WSW	0	1	WSW	40.7	40.5	40.5	29.327
10/26/2021	10:00 PM	41.1	41.1	40.7	85	36.9	0	WSW	0	2	SW	41.1	40.9	40.9	29.329
10/26/2021	10:15 PM	42.5	42.5	41.1	82	37.4	1	WSW	0.25	4	SW	42.5	42.3	42.3	29.33
10/26/2021	10:30 PM	41.5	42.5	41.5	84	37	0	WSW	0	3	W	41.5	41.3	41.3	29.327
10/26/2021	10:45 PM	42.1	42.2	41.4	83	37.3	1	SW	0.25	9	WSW	42.1	41.9	41.9	29.326
10/26/2021	11:00 PM	40.7	42.2	40.7	86	36.8	1	ENE	0.25	5	SW	40.7	40.5	40.5	29.331
10/26/2021	11:15 PM	39.1	40.6	39.1	89	36.1	0	---	0	0	---	39.1	39	39	29.333
10/26/2021	11:30 PM	38.1	39.1	38	90	35.4	0	E	0	2	E	38.1	38	38	29.33

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/26/2021	2:45 PM	0	0	0.14	0	71.8	44	48.7	70.2	8.31	0.0722	296	8	100	15
10/26/2021	3:00 PM	0	0	0.142	0	72.5	44	49.3	71.3	8.3	0.0721	298	8	100	15
10/26/2021	3:15 PM	0	0	0.121	0	73.3	44	50.1	72.4	8.28	0.0719	299	8	100	15
10/26/2021	3:30 PM	0	0	0.136	0	73.9	43	50	73	8.09	0.0718	295	8	100	15
10/26/2021	3:45 PM	0	0	0.139	0	73.9	42	49.4	72.9	7.97	0.0719	300	8	100	15
10/26/2021	4:00 PM	0	0	0.15	0	73.6	41	48.4	72.5	7.81	0.072	300	8	100	15
10/26/2021	4:15 PM	0	0	0.164	0	73.1	40	47.3	71.8	7.69	0.0721	298	8	100	15
10/26/2021	4:30 PM	0	0	0.158	0	72.6	40	46.9	71.1	7.7	0.0722	299	8	100	15
10/26/2021	4:45 PM	0	0	0.156	0	72.1	40	46.4	70.3	7.71	0.0723	298	8	100	15
10/26/2021	5:00 PM	0	0	0.155	0	71.7	40	46.1	69.8	7.72	0.0723	298	8	100	15
10/26/2021	5:15 PM	0	0	0.164	0	71.4	40	45.8	69.4	7.72	0.0724	300	8	100	15
10/26/2021	5:30 PM	0	0	0.168	0	71	40	45.5	68.8	7.73	0.0725	297	8	100	15
10/26/2021	5:45 PM	0	0	0.169	0	70.8	39	44.6	68.5	7.63	0.0725	300	8	100	15
10/26/2021	6:00 PM	0	0	0.174	0	70.5	39	44.3	68.1	7.64	0.0726	296	8	100	15
10/26/2021	6:15 PM	0	0	0.172	0	70.3	39	44.2	67.8	7.64	0.0726	300	8	100	15
10/26/2021	6:30 PM	0	0	0.185	0	70.1	39	44	67.5	7.65	0.0726	298	8	100	15
10/26/2021	6:45 PM	0	0	0.197	0	69.7	39	43.6	67.1	7.66	0.0727	298	8	100	15
10/26/2021	7:00 PM	0	0	0.203	0	69.3	39	43.3	66.7	7.66	0.0728	298	8	100	15
10/26/2021	7:15 PM	0	0	0.211	0	68.9	38	42.2	66.2	7.55	0.0728	298	8	100	15
10/26/2021	7:30 PM	0	0	0.214	0	68.5	38	41.9	65.9	7.55	0.0729	296	8	100	15
10/26/2021	7:45 PM	0	0	0.227	0	68.1	38	41.5	65.6	7.55	0.073	300	8	100	15
10/26/2021	8:00 PM	0	0	0.239	0	68	38	41.4	65.5	7.55	0.073	170	8	58.4	15
10/26/2021	8:15 PM	0	0	0.245	0	67.5	38	41	64.9	7.55	0.0731	299	8	100	15
10/26/2021	8:30 PM	0	0	0.245	0	67.2	39	41.4	64.7	7.71	0.0732	299	8	100	15
10/26/2021	8:45 PM	0	0	0.245	0	67	39	41.2	64.5	7.71	0.0732	300	8	100	15
10/26/2021	9:00 PM	0	0	0.25	0	66.8	39	41	64.3	7.71	0.0732	300	8	100	15
10/26/2021	9:15 PM	0	0	0.254	0	66.5	39	40.8	64	7.72	0.0733	300	8	100	15
10/26/2021	9:30 PM	0	0	0.253	0	66.2	39	40.5	63.6	7.73	0.0733	300	8	100	15
10/26/2021	9:45 PM	0	0	0.253	0	65.8	39	40.1	63.2	7.73	0.0734	299	8	100	15
10/26/2021	10:00 PM	0	0	0.249	0	65.4	39	39.8	62.8	7.74	0.0735	300	8	100	15
10/26/2021	10:15 PM	0	0	0.234	0	65.1	39	39.5	62.5	7.75	0.0735	299	8	100	15
10/26/2021	10:30 PM	0	0	0.245	0	64.8	39	39.2	62.2	7.75	0.0736	300	8	100	15
10/26/2021	10:45 PM	0	0	0.239	0	64.5	39	39	61.9	7.74	0.0736	298	8	100	15
10/26/2021	11:00 PM	0	0	0.253	0	64.2	39	38.7	61.5	7.73	0.0737	298	8	100	15
10/26/2021	11:15 PM	0	0	0.27	0	63.8	39	38.4	61.1	7.73	0.0737	300	8	100	15
10/26/2021	11:30 PM	0	0	0.28	0	63.5	39	38.1	60.8	7.72	0.0738	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/26/2021	11:45 PM	37.4	38.1	37.4	92	35.3	0	---	0	0	---	37.4	37.3	37.3	29.325
10/27/2021	12:00 AM	36.9	37.4	36.9	93	35.1	0	---	0	0	---	36.9	36.9	36.9	29.326
10/27/2021	12:15 AM	36.8	36.9	36.8	94	35.2	0	---	0	0	---	36.8	36.8	36.8	29.323
10/27/2021	12:30 AM	36.6	36.9	36.6	94	35	0	---	0	0	---	36.6	36.6	36.6	29.331
10/27/2021	12:45 AM	36.3	36.6	36.2	95	35	0	---	0	0	---	36.3	36.3	36.3	29.332
10/27/2021	1:00 AM	36.5	36.6	36.3	96	35.5	0	---	0	0	---	36.5	36.5	36.5	29.327
10/27/2021	1:15 AM	36.2	36.6	36.1	94	34.6	0	E	0	2	E	36.2	36.2	36.2	29.327
10/27/2021	1:30 AM	35.5	36.2	35.5	94	33.9	0	ESE	0	2	ENE	35.5	35.5	35.5	29.327
10/27/2021	1:45 AM	35.5	35.5	35.4	96	34.5	0	E	0	2	E	35.5	35.5	35.5	29.327
10/27/2021	2:00 AM	35.5	35.5	35.3	96	34.5	0	---	0	0	---	35.5	35.5	35.5	29.325
10/27/2021	2:15 AM	35.2	35.6	35.2	95	33.9	0	---	0	0	---	35.2	35.2	35.2	29.327
10/27/2021	2:30 AM	34.8	35.2	34.8	95	33.5	0	N	0	2	N	34.8	34.8	34.8	29.331
10/27/2021	2:45 AM	34.8	34.8	34.7	96	33.8	0	N	0	2	N	34.8	34.8	34.8	29.336
10/27/2021	3:00 AM	34.3	34.8	34.3	95	33	0	---	0	0	---	34.3	34.2	34.2	29.336
10/27/2021	3:15 AM	34	34.3	34	96	33	0	---	0	0	---	34	33.9	33.9	29.342
10/27/2021	3:30 AM	33.6	34	33.6	96	32.6	0	---	0	0	---	33.6	33.5	33.5	29.348
10/27/2021	3:45 AM	33.3	33.6	33.3	96	32.3	0	---	0	0	---	33.3	33.2	33.2	29.345
10/27/2021	4:00 AM	33.4	33.4	33.3	97	32.6	0	SE	0	3	SE	33.4	33.3	33.3	29.346
10/27/2021	4:15 AM	33.1	33.4	33.1	96	32.1	0	N	0	1	N	33.1	33	33	29.345
10/27/2021	4:30 AM	33.1	33.3	33.1	97	32.3	0	ENE	0	2	NNE	33.1	33	33	29.345
10/27/2021	4:45 AM	33	33.2	32.9	97	32.2	0	---	0	0	---	33	32.9	32.9	29.352
10/27/2021	5:00 AM	33.1	33.2	33	97	32.3	0	---	0	0	---	33.1	33	33	29.346
10/27/2021	5:15 AM	32.9	33.1	32.9	97	32.1	0	---	0	0	---	32.9	32.8	32.8	29.349
10/27/2021	5:30 AM	32.7	33	32.7	97	31.9	0	---	0	0	---	32.7	32.7	32.7	29.349
10/27/2021	5:45 AM	33.3	33.3	32.8	97	32.5	1	N	0.25	2	N	33.3	33.2	33.2	29.343
10/27/2021	6:00 AM	33.1	33.4	33.1	97	32.3	0	---	0	0	---	33.1	33	33	29.346
10/27/2021	6:15 AM	33.1	33.1	33	97	32.3	0	---	0	0	---	33.1	33	33	29.344
10/27/2021	6:30 AM	32.5	33.1	32.5	97	31.7	0	---	0	0	---	32.5	32.5	32.5	29.343
10/27/2021	6:45 AM	32.1	32.5	32	97	31.3	0	---	0	0	---	32.1	32.1	32.1	29.344
10/27/2021	7:00 AM	32.3	32.3	32.1	97	31.5	0	---	0	0	---	32.3	32.3	32.3	29.343
10/27/2021	7:15 AM	31.7	32.3	31.7	97	30.9	0	---	0	0	---	31.7	31.7	31.7	29.344
10/27/2021	7:30 AM	31.6	31.8	31.6	97	30.8	0	---	0	0	---	31.6	31.6	31.6	29.344
10/27/2021	7:45 AM	31.4	31.6	31.3	97	30.6	0	---	0	0	---	31.4	31.4	31.4	29.347
10/27/2021	8:00 AM	31.3	31.4	31.2	97	30.5	0	---	0	0	---	31.3	31.3	31.3	29.352
10/27/2021	8:15 AM	31.3	31.4	31.2	98	30.8	0	---	0	0	---	31.3	31.3	31.3	29.357
10/27/2021	8:30 AM	32.2	32.2	31.6	98	31.7	0	---	0	0	---	32.2	32.2	32.2	29.357

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/26/2021	11:45 PM	0	0	0.287	0	63.2	39	37.8	60.4	7.71	0.0738	298	8	100	15
10/27/2021	12:00 AM	0	0	0.293	0	62.9	39	37.5	60.1	7.71	0.0739	298	8	100	15
10/27/2021	12:15 AM	0	0	0.294	0	62.7	39	37.4	59.9	7.7	0.0739	300	8	100	15
10/27/2021	12:30 AM	0	0	0.296	0	62.3	39	37	59.5	7.7	0.074	300	8	100	15
10/27/2021	12:45 AM	0	0	0.299	0	62.1	39	36.8	59.3	7.69	0.074	299	8	100	15
10/27/2021	1:00 AM	0	0	0.297	0	61.9	39	36.7	59.1	7.69	0.074	299	8	100	15
10/27/2021	1:15 AM	0	0	0.3	0	61.7	39	36.5	58.9	7.68	0.0741	298	8	100	15
10/27/2021	1:30 AM	0	0	0.307	0	61.4	39	36.2	58.6	7.68	0.0741	300	8	100	15
10/27/2021	1:45 AM	0	0	0.307	0	61.1	39	35.9	58.3	7.67	0.0742	300	8	100	15
10/27/2021	2:00 AM	0	0	0.307	0	60.8	39	35.7	58	7.67	0.0742	300	8	100	15
10/27/2021	2:15 AM	0	0	0.31	0	60.7	39	35.6	57.9	7.66	0.0742	300	8	100	15
10/27/2021	2:30 AM	0	0	0.315	0	60.4	39	35.3	57.6	7.66	0.0743	300	8	100	15
10/27/2021	2:45 AM	0	0	0.315	0	60.2	39	35.1	57.4	7.65	0.0743	298	8	100	15
10/27/2021	3:00 AM	0	0	0.32	0	60.1	39	35	57.3	7.65	0.0743	218	8	74.9	15
10/27/2021	3:15 AM	0	0	0.323	0	59.8	39	34.8	57.1	7.65	0.0744	299	8	100	15
10/27/2021	3:30 AM	0	0	0.327	0	59.6	40	35.2	56.9	7.85	0.0744	299	8	100	15
10/27/2021	3:45 AM	0	0	0.33	0	59.3	39	34.3	56.6	7.65	0.0745	299	8	100	15
10/27/2021	4:00 AM	0	0	0.329	0	59.1	39	34.1	56.4	7.65	0.0745	300	8	100	15
10/27/2021	4:15 AM	0	0	0.332	0	58.8	39	33.9	56.1	7.65	0.0746	299	8	100	15
10/27/2021	4:30 AM	0	0	0.332	0	58.6	39	33.7	55.9	7.65	0.0746	299	8	100	15
10/27/2021	4:45 AM	0	0	0.333	0	58.4	40	34.2	55.8	7.85	0.0746	299	8	100	15
10/27/2021	5:00 AM	0	0	0.332	0	58.2	40	34	55.6	7.85	0.0747	300	8	100	15
10/27/2021	5:15 AM	0	0	0.334	0	58	40	33.8	55.4	7.85	0.0747	300	8	100	15
10/27/2021	5:30 AM	0	0	0.336	0	57.9	40	33.7	55.3	7.85	0.0747	300	8	100	15
10/27/2021	5:45 AM	0	0	0.33	0	57.7	40	33.5	55.1	7.85	0.0747	300	8	100	15
10/27/2021	6:00 AM	0	0	0.332	0	57.5	40	33.3	55	7.85	0.0748	299	8	100	15
10/27/2021	6:15 AM	0	0	0.332	0	57.4	40	33.3	54.9	7.85	0.0748	300	8	100	15
10/27/2021	6:30 AM	0	0	0.339	0	57.2	40	33.1	54.7	7.85	0.0748	300	8	100	15
10/27/2021	6:45 AM	0	0	0.343	0	57.1	40	33	54.6	7.85	0.0748	300	8	100	15
10/27/2021	7:00 AM	0	0	0.341	0	57	40	32.9	54.5	7.85	0.0748	300	8	100	15
10/27/2021	7:15 AM	0	0	0.347	0	56.9	40	32.8	54.4	7.85	0.0749	299	8	100	15
10/27/2021	7:30 AM	0	0	0.348	0	56.8	40	32.7	54.3	7.85	0.0749	299	8	100	15
10/27/2021	7:45 AM	0	0	0.35	0	56.7	40	32.6	54.2	7.85	0.0749	300	8	100	15
10/27/2021	8:00 AM	0	0	0.351	0	56.7	40	32.6	54.2	7.85	0.0749	300	8	100	15
10/27/2021	8:15 AM	0	0	0.351	0	56.6	40	32.5	54.1	7.85	0.0749	274	8	94.2	15
10/27/2021	8:30 AM	0	0	0.342	0	56.6	40	32.5	54.1	7.85	0.0749	210	8	72.2	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/27/2021	8:45 AM	34.2	34.2	32.2	98	33.7	0	---	0	0	---	34.2	34.2	34.2	29.364
10/27/2021	9:00 AM	36.1	36.1	34.2	98	35.6	0	---	0	0	---	36.1	36.2	36.2	29.367
10/27/2021	9:15 AM	37.3	37.3	36.1	96	36.3	0	---	0	0	---	37.3	37.3	37.3	29.375
10/27/2021	9:30 AM	40	40	37.3	93	38.1	0	---	0	0	---	40	40	40	29.368
10/27/2021	9:45 AM	41.8	41.8	40	93	39.9	0	W	0	2	NW	41.8	41.9	41.9	29.368
10/27/2021	10:00 AM	44.2	44.2	41.9	85	40	0	WSW	0	2	WSW	44.2	44.1	44.1	29.367
10/27/2021	10:15 AM	44.8	45.1	44.3	78	38.4	1	SSW	0.25	3	SE	44.8	44.5	44.5	29.372
10/27/2021	10:30 AM	45.4	45.4	44.5	78	38.9	2	SW	0.5	5	SW	45.4	45.1	45.1	29.373
10/27/2021	10:45 AM	46.6	46.6	45.4	73	38.4	1	WSW	0.25	4	WSW	46.6	46.2	46.2	29.372
10/27/2021	11:00 AM	47.5	47.5	46.6	73	39.3	2	SSW	0.5	3	SW	47.5	47.1	47.1	29.37
10/27/2021	11:15 AM	47.8	47.8	47.4	70	38.5	2	SSW	0.5	5	SSW	47.8	47.3	47.3	29.376
10/27/2021	11:30 AM	48.5	48.5	47.8	68	38.4	2	WSW	0.5	6	SW	48.5	48	48	29.37
10/27/2021	11:45 AM	49.3	49.5	48.5	62	36.8	2	SE	0.5	5	SSE	49.3	48.6	48.6	29.368
10/27/2021	12:00 PM	50.5	50.5	49.3	61	37.5	2	NNW	0.5	6	SSE	50.5	49.7	49.7	29.366
10/27/2021	12:15 PM	50.9	50.9	50.3	61	37.9	2	W	0.5	6	SW	50.9	50	50	29.364
10/27/2021	12:30 PM	51.6	51.6	50.4	63	39.4	2	SSW	0.5	7	WSW	51.6	50.7	50.7	29.357
10/27/2021	12:45 PM	52.8	52.8	51.6	61	39.7	2	NW	0.5	8	NW	52.8	51.7	51.7	29.349
10/27/2021	1:00 PM	52.8	53	52.6	59	38.9	2	W	0.5	8	NW	52.8	51.6	51.6	29.34
10/27/2021	1:15 PM	53.4	53.8	52.8	61	40.3	3	W	0.75	9	W	53.4	52.2	52.2	29.33
10/27/2021	1:30 PM	54	54.1	53.1	65	42.5	1	WNW	0.25	9	E	54	53	53	29.322
10/27/2021	1:45 PM	56	56	54.1	62	43.2	2	WNW	0.5	6	ESE	56	54.7	54.7	29.313
10/27/2021	2:00 PM	57	57	56	58	42.4	3	N	0.75	8	N	57	55.5	55.5	29.31
10/27/2021	2:15 PM	57.5	57.5	57	56	41.9	3	NNW	0.75	8	NW	57.5	55.9	55.9	29.304
10/27/2021	2:30 PM	57.3	57.5	56.9	57	42.2	3	W	0.75	7	N	57.3	55.7	55.7	29.31
10/27/2021	2:45 PM	57.8	57.8	57.2	57	42.7	2	NE	0.5	6	E	57.8	56.2	56.2	29.294
10/27/2021	3:00 PM	58.3	58.5	57.8	55	42.2	2	NW	0.5	7	WSW	58.3	56.6	56.6	29.299
10/27/2021	3:15 PM	58.6	58.7	58.4	54	42	2	SE	0.5	6	ESE	58.6	56.8	56.8	29.286
10/27/2021	3:30 PM	59.7	59.7	58.6	54	43	2	NW	0.5	6	ESE	59.7	57.9	57.9	29.278
10/27/2021	3:45 PM	60.4	60.4	59.6	53	43.2	1	NW	0.25	6	NW	60.4	58.6	58.6	29.272
10/27/2021	4:00 PM	60.4	60.5	60.3	53	43.2	1	E	0.25	7	ESE	60.4	58.6	58.6	29.267
10/27/2021	4:15 PM	60	60.4	59.8	53	42.8	2	ESE	0.5	8	ESE	60	58.2	58.2	29.262
10/27/2021	4:30 PM	60	60	59.8	56	44.3	2	E	0.5	6	ESE	60	58.4	58.4	29.266
10/27/2021	4:45 PM	60.2	60.3	59.9	55	44	2	ESE	0.5	5	NE	60.2	58.5	58.5	29.258
10/27/2021	5:00 PM	60	60.2	60	55	43.8	2	ESE	0.5	6	ESE	60	58.3	58.3	29.254
10/27/2021	5:15 PM	59.5	60.1	59.4	58	44.7	1	ESE	0.25	4	SE	59.5	58	58	29.252
10/27/2021	5:30 PM	58.8	59.5	58.8	59	44.5	1	ESE	0.25	4	NNE	58.8	57.3	57.3	29.246

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/27/2021	8:45 AM	0	0	0.321	0	56.5	40	32.4	54	7.85	0.075	300	8	100	15
10/27/2021	9:00 AM	0	0	0.301	0	56.4	40	32.4	54	7.85	0.075	300	8	100	15
10/27/2021	9:15 AM	0	0	0.289	0	56.6	41	33.2	54.2	7.98	0.075	300	8	100	15
10/27/2021	9:30 AM	0	0	0.26	0	56.8	41	33.3	54.4	7.99	0.0749	300	8	100	15
10/27/2021	9:45 AM	0	0	0.242	0	57.2	41	33.7	54.7	7.99	0.0749	299	8	100	15
10/27/2021	10:00 AM	0	0	0.217	0	57.6	42	34.7	55.2	8.15	0.0748	300	8	100	15
10/27/2021	10:15 AM	0	0	0.21	0	58.1	42	35.1	55.6	8.15	0.0747	300	8	100	15
10/27/2021	10:30 AM	0	0	0.204	0	58.6	42	35.6	56.1	8.15	0.0746	300	8	100	15
10/27/2021	10:45 AM	0	0	0.192	0	59.1	42	36	56.6	8.15	0.0746	298	8	100	15
10/27/2021	11:00 AM	0	0	0.182	0	59.7	42	36.6	57.2	8.15	0.0745	298	8	100	15
10/27/2021	11:15 AM	0	0	0.179	0	60.3	42	37.1	57.8	8.15	0.0744	299	8	100	15
10/27/2021	11:30 AM	0	0	0.172	0	60.9	42	37.6	58.4	8.15	0.0743	296	8	100	15
10/27/2021	11:45 AM	0	0	0.164	0	61.5	42	38.2	59	8.15	0.0742	299	8	100	15
10/27/2021	12:00 PM	0	0	0.151	0	62	42	38.6	59.5	8.15	0.0741	300	8	100	15
10/27/2021	12:15 PM	0	0	0.147	0	62.6	42	39.2	60.1	8.15	0.074	297	8	100	15
10/27/2021	12:30 PM	0	0	0.14	0	63.3	42	39.8	60.8	8.15	0.0738	297	8	100	15
10/27/2021	12:45 PM	0	0	0.127	0	63.9	42	40.3	61.5	8.15	0.0737	300	8	100	15
10/27/2021	1:00 PM	0	0	0.127	0	64.6	42	41	62.2	8.15	0.0736	296	8	100	15
10/27/2021	1:15 PM	0	0	0.121	0	65.4	42	41.7	63.1	8.14	0.0734	300	8	100	15
10/27/2021	1:30 PM	0	0	0.115	0	66.1	42	42.3	63.8	8.13	0.0733	300	8	100	15
10/27/2021	1:45 PM	0	0	0.094	0	66.9	42	43	64.7	8.11	0.0731	297	8	100	15
10/27/2021	2:00 PM	0	0	0.083	0	67.9	43	44.6	65.9	8.25	0.0729	297	8	100	15
10/27/2021	2:15 PM	0	0	0.078	0	69.5	44	46.6	67.4	8.35	0.0726	295	8	100	15
10/27/2021	2:30 PM	0	0	0.08	0	71.6	43	47.9	69.9	8.19	0.0723	298	8	100	15
10/27/2021	2:45 PM	0	0	0.075	0	74.1	42	49.5	73.1	7.97	0.0719	300	8	100	15
10/27/2021	3:00 PM	0	0	0.07	0	76.6	42	51.8	75.7	7.92	0.0715	299	8	100	15
10/27/2021	3:15 PM	0	0	0.067	0	78.9	40	52.5	77.7	7.57	0.0711	299	8	100	15
10/27/2021	3:30 PM	0	0	0.055	0	80.2	38	52.3	78.8	7.25	0.071	300	8	100	15
10/27/2021	3:45 PM	0	0	0.048	0	80.6	37	51.9	79.1	7.14	0.0709	299	8	100	15
10/27/2021	4:00 PM	0	0	0.048	0	80.6	37	51.9	79.1	7.14	0.0709	300	8	100	15
10/27/2021	4:15 PM	0	0	0.052	0	80.5	36	51.1	78.9	6.93	0.0709	299	8	100	15
10/27/2021	4:30 PM	0	0	0.052	0	80.4	36	51	78.8	6.93	0.0709	300	8	100	15
10/27/2021	4:45 PM	0	0	0.05	0	80.3	36	50.9	78.7	6.94	0.0709	299	8	100	15
10/27/2021	5:00 PM	0	0	0.052	0	80.2	35	50.1	78.5	6.84	0.071	300	8	100	15
10/27/2021	5:15 PM	0	0	0.057	0	80	35	49.9	78.3	6.85	0.071	300	8	100	15
10/27/2021	5:30 PM	0	0	0.065	0	79.8	35	49.7	78.1	6.85	0.071	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/27/2021	5:45 PM	57.4	58.8	57.4	66	46.1	0	ESE	0	2	ESE	57.4	56.3	56.3	29.241
10/27/2021	6:00 PM	56.7	57.4	56.7	67	45.9	1	ESE	0.25	2	ESE	56.7	55.7	55.7	29.24
10/27/2021	6:15 PM	56.2	56.6	56.2	71	46.9	0	ESE	0	2	ESE	56.2	55.4	55.4	29.242
10/27/2021	6:30 PM	54.6	56.2	54.6	73	46.1	0	---	0	0	---	54.6	53.9	53.9	29.248
10/27/2021	6:45 PM	52.9	54.6	52.9	76	45.5	0	---	0	0	---	52.9	52.5	52.5	29.251
10/27/2021	7:00 PM	51.4	52.9	51.4	79	45.1	0	---	0	0	---	51.4	51.2	51.2	29.249
10/27/2021	7:15 PM	50.3	51.3	50.3	82	45	0	---	0	0	---	50.3	50.3	50.3	29.248
10/27/2021	7:30 PM	49.4	50.3	49.4	83	44.5	0	---	0	0	---	49.4	49.4	49.4	29.248
10/27/2021	7:45 PM	49	49.4	48.9	84	44.4	0	---	0	0	---	49	49.1	49.1	29.251
10/27/2021	8:00 PM	48.4	48.9	48.4	85	44.1	0	---	0	0	---	48.4	48.4	48.4	29.254
10/27/2021	8:15 PM	47.6	48.4	47.6	87	43.9	0	N	0	2	N	47.6	47.7	47.7	29.25
10/27/2021	8:30 PM	47.2	47.6	47.1	89	44.1	0	ENE	0	1	ENE	47.2	47.4	47.4	29.251
10/27/2021	8:45 PM	46.7	47.2	46.7	89	43.6	0	---	0	0	---	46.7	46.8	46.8	29.25
10/27/2021	9:00 PM	46.4	46.7	46.4	91	43.9	0	---	0	0	---	46.4	46.6	46.6	29.251
10/27/2021	9:15 PM	46.4	46.5	46.4	91	43.9	0	---	0	0	---	46.4	46.6	46.6	29.253
10/27/2021	9:30 PM	46.2	46.4	46.2	91	43.7	0	ENE	0	1	ENE	46.2	46.4	46.4	29.26
10/27/2021	9:45 PM	46.3	46.3	46.1	92	44.1	0	ENE	0	2	ENE	46.3	46.5	46.5	29.257
10/27/2021	10:00 PM	46.8	46.8	46.3	90	44	1	NE	0.25	2	NE	46.8	47	47	29.248
10/27/2021	10:15 PM	45.6	46.8	45.6	90	42.8	0	NE	0	2	NE	45.6	45.7	45.7	29.244
10/27/2021	10:30 PM	45.6	45.7	45.3	92	43.4	1	N	0.25	2	NE	45.6	45.8	45.8	29.228
10/27/2021	10:45 PM	45.6	45.8	45.6	92	43.4	1	NNE	0.25	3	N	45.6	45.8	45.8	29.221
10/27/2021	11:00 PM	45.8	45.8	45.6	92	43.6	1	N	0.25	4	N	45.8	46	46	29.208
10/27/2021	11:15 PM	46.2	46.2	45.7	91	43.7	1	NNE	0.25	3	NNE	46.2	46.4	46.4	29.207
10/27/2021	11:30 PM	47.3	47.3	46.2	89	44.2	1	NNE	0.25	4	N	47.3	47.5	47.5	29.199
10/27/2021	11:45 PM	48.4	48.4	47.3	87	44.7	0	NE	0	2	NE	48.4	48.5	48.5	29.203
10/28/2021	12:00 AM	47.3	48.4	47.3	88	43.9	1	NNE	0.25	3	NNE	47.3	47.4	47.4	29.202
10/28/2021	12:15 AM	47.3	47.4	46.9	90	44.5	1	NNE	0.25	4	N	47.3	47.5	47.5	29.192
10/28/2021	12:30 AM	48.9	48.9	47.4	87	45.2	1	NE	0.25	4	NE	48.9	49.1	49.1	29.193
10/28/2021	12:45 AM	47.9	48.8	47.9	88	44.5	0	NE	0	2	NE	47.9	48	48	29.193
10/28/2021	1:00 AM	47.4	47.9	47.3	90	44.6	0	NE	0	2	NE	47.4	47.6	47.6	29.183
10/28/2021	1:15 AM	47.7	47.7	47.3	89	44.6	1	NNE	0.25	2	NE	47.7	47.9	47.9	29.185
10/28/2021	1:30 AM	47.3	47.7	47.2	90	44.5	0	NE	0	1	NE	47.3	47.5	47.5	29.187
10/28/2021	1:45 AM	48.1	48.1	47.3	89	45	1	NNE	0.25	5	N	48.1	48.3	48.3	29.183
10/28/2021	2:00 AM	48	48.3	48	88	44.6	1	NNE	0.25	3	NNE	48	48.1	48.1	29.184
10/28/2021	2:15 AM	47.4	48.1	47.4	90	44.6	1	ENE	0.25	3	N	47.4	47.6	47.6	29.182
10/28/2021	2:30 AM	47.6	47.7	47.4	90	44.8	1	NNE	0.25	3	NNE	47.6	47.8	47.8	29.179

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/27/2021	5:45 PM	0	0	0.079	0	79.6	35	49.5	77.9	6.86	0.071	299	8	100	15
10/27/2021	6:00 PM	0	0	0.086	0	79.4	35	49.4	77.8	6.86	0.0711	299	8	100	15
10/27/2021	6:15 PM	0	0	0.092	0	79.2	35	49.2	77.6	6.87	0.0711	300	8	100	15
10/27/2021	6:30 PM	0	0	0.108	0	78.9	34	48.1	77.2	6.67	0.0712	299	8	100	15
10/27/2021	6:45 PM	0	0	0.126	0	78.5	34	47.8	76.8	6.68	0.0713	299	8	100	15
10/27/2021	7:00 PM	0	0	0.142	0	77.9	34	47.3	76.3	6.69	0.0714	300	8	100	15
10/27/2021	7:15 PM	0	0	0.153	0	77.3	34	46.7	75.7	6.7	0.0715	300	8	100	15
10/27/2021	7:30 PM	0	0	0.162	0	76.6	34	46.1	75.1	6.72	0.0716	300	8	100	15
10/27/2021	7:45 PM	0	0	0.167	0	75.9	34	45.5	74.4	6.73	0.0717	298	8	100	15
10/27/2021	8:00 PM	0	0	0.173	0	75.2	34	44.9	73.7	6.75	0.0718	299	8	100	15
10/27/2021	8:15 PM	0	0	0.181	0	74.5	34	44.3	73	6.76	0.0719	299	8	100	15
10/27/2021	8:30 PM	0	0	0.185	0	73.9	34	43.8	72.3	6.77	0.072	300	8	100	15
10/27/2021	8:45 PM	0	0	0.191	0	73.3	35	44	71.7	6.98	0.0721	299	8	100	15
10/27/2021	9:00 PM	0	0	0.194	0	72.7	35	43.5	70.8	7	0.0722	300	8	100	15
10/27/2021	9:15 PM	0	0	0.194	0	72.1	35	42.9	69.9	7.01	0.0723	300	8	100	15
10/27/2021	9:30 PM	0	0	0.196	0	71.6	35	42.5	69.2	7.02	0.0724	300	8	100	15
10/27/2021	9:45 PM	0	0	0.195	0	71.2	35	42.1	68.7	7.03	0.0724	299	8	100	15
10/27/2021	10:00 PM	0	0	0.19	0	70.7	36	42.4	68.1	7.22	0.0725	300	8	100	15
10/27/2021	10:15 PM	0	0	0.202	0	70.2	36	42	67.4	7.24	0.0725	300	8	100	15
10/27/2021	10:30 PM	0	0	0.202	0	69.8	36	41.6	66.9	7.25	0.0726	299	8	100	15
10/27/2021	10:45 PM	0	0	0.202	0	69.3	36	41.2	66.4	7.24	0.0726	300	8	100	15
10/27/2021	11:00 PM	0	0	0.2	0	68.9	36	40.8	66	7.23	0.0726	299	8	100	15
10/27/2021	11:15 PM	0	0	0.196	0	68.5	37	41.2	65.8	7.35	0.0727	300	8	100	15
10/27/2021	11:30 PM	0	0	0.184	0	68.1	37	40.8	65.5	7.35	0.0727	299	8	100	15
10/27/2021	11:45 PM	0	0	0.173	0	67.9	37	40.7	65.3	7.35	0.0728	300	8	100	15
10/28/2021	12:00 AM	0	0	0.184	0	67.7	37	40.5	65.1	7.35	0.0728	299	8	100	15
10/28/2021	12:15 AM	0	0	0.184	0	67.5	37	40.3	64.8	7.35	0.0728	300	8	100	15
10/28/2021	12:30 AM	0	0	0.168	0	67.3	38	40.8	64.7	7.55	0.0728	300	8	100	15
10/28/2021	12:45 AM	0	0	0.178	0	67.3	38	40.8	64.7	7.55	0.0728	298	8	100	15
10/28/2021	1:00 AM	0	0	0.183	0	67.1	38	40.6	64.5	7.55	0.0728	299	8	100	15
10/28/2021	1:15 AM	0	0	0.18	0	67.2	38	40.7	64.6	7.55	0.0728	172	8	59.1	15
10/28/2021	1:30 AM	0	0	0.184	0	67	38	40.5	64.4	7.55	0.0729	298	8	100	15
10/28/2021	1:45 AM	0	0	0.176	0	66.8	38	40.4	64.2	7.55	0.0729	300	8	100	15
10/28/2021	2:00 AM	0	0	0.177	0	66.7	39	40.9	64.2	7.72	0.0729	299	8	100	15
10/28/2021	2:15 AM	0	0	0.183	0	66.7	39	40.9	64.2	7.72	0.0729	300	8	100	15
10/28/2021	2:30 AM	0	0	0.181	0	66.5	39	40.8	64	7.72	0.0729	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/28/2021	2:45 AM	47.2	47.7	47.2	90	44.4	0	NNE	0	3	NNE	47.2	47.4	47.4	29.178
10/28/2021	3:00 AM	46.2	47.3	46.2	91	43.7	0	NNE	0	3	NNE	46.2	46.4	46.4	29.177
10/28/2021	3:15 AM	46.2	46.3	46.1	92	44	0	NE	0	2	NE	46.2	46.4	46.4	29.179
10/28/2021	3:30 AM	46.3	46.3	46.2	92	44.1	0	E	0	2	ENE	46.3	46.5	46.5	29.173
10/28/2021	3:45 AM	46.9	46.9	46.2	90	44.1	1	NNE	0.25	3	E	46.9	47.1	47.1	29.173
10/28/2021	4:00 AM	46.8	46.9	46.8	91	44.3	0	NE	0	2	NE	46.8	47	47	29.174
10/28/2021	4:15 AM	46.9	46.9	46.6	91	44.4	0	NE	0	4	N	46.9	47.1	47.1	29.172
10/28/2021	4:30 AM	46.7	47	46.7	91	44.2	0	NNE	0	4	NNW	46.7	46.9	46.9	29.167
10/28/2021	4:45 AM	46.5	46.7	46.5	93	44.6	0	NNE	0	2	NNE	46.5	46.7	46.7	29.161
10/28/2021	5:00 AM	46.8	46.8	46.5	92	44.6	0	NE	0	2	NE	46.8	47	47	29.161
10/28/2021	5:15 AM	46.6	46.8	46.6	93	44.7	0	NNE	0	3	N	46.6	46.8	46.8	29.161
10/28/2021	5:30 AM	46.4	46.7	46.4	93	44.5	0	NNE	0	3	NNE	46.4	46.6	46.6	29.159
10/28/2021	5:45 AM	46.3	46.5	46.3	94	44.7	0	NNE	0	2	NNE	46.3	46.6	46.6	29.159
10/28/2021	6:00 AM	46.4	46.5	46.3	94	44.8	0	NNE	0	2	NNE	46.4	46.7	46.7	29.151
10/28/2021	6:15 AM	46	46.4	46	94	44.4	0	NE	0	2	E	46	46.3	46.3	29.146
10/28/2021	6:30 AM	45.9	46	45.8	95	44.5	0	NE	0	1	NE	45.9	46.2	46.2	29.141
10/28/2021	6:45 AM	46.4	46.4	45.9	95	45	0	NE	0	2	NE	46.4	46.7	46.7	29.137
10/28/2021	7:00 AM	47	47	46.4	94	45.4	1	NNE	0.25	3	N	47	47.3	47.3	29.127
10/28/2021	7:15 AM	47.8	47.8	46.9	94	46.2	2	N	0.5	3	NNE	47.8	48.1	48.1	29.119
10/28/2021	7:30 AM	48.6	48.6	47.8	92	46.4	2	NNE	0.5	5	N	48.6	48.9	48.9	29.11
10/28/2021	7:45 AM	49.4	49.4	48.6	91	46.9	1	N	0.25	3	NNE	49.4	49.7	49.7	29.115
10/28/2021	8:00 AM	50.2	50.3	49.4	91	47.7	2	N	0.5	4	N	50.2	50.5	50.5	29.105
10/28/2021	8:15 AM	52.7	52.7	50.2	83	47.7	1	NNE	0.25	4	NNW	52.7	52.5	52.5	29.099
10/28/2021	8:30 AM	53.3	53.6	52.6	82	47.9	1	NNE	0.25	4	NE	53.3	53.1	53.1	29.098
10/28/2021	8:45 AM	53.6	53.6	53.2	83	48.6	1	NNE	0.25	5	NW	53.6	53.4	53.4	29.091
10/28/2021	9:00 AM	---	54.6	53.5	---	---	1	NNE	0.25	4	NNW	---	---	---	29.09
10/28/2021	9:15 AM	---	---	---	---	---	0	---	0	0	---	---	---	---	29.092
10/28/2021	9:30 AM	---	---	---	---	---	0	---	0	0	---	---	---	---	29.147
10/28/2021	9:45 AM	---	---	---	---	---	0	---	0	0	---	---	---	---	29.139
10/28/2021	10:00 AM	---	---	---	---	---	0	---	0	0	---	---	---	---	29.096
10/28/2021	10:15 AM	---	---	---	---	---	0	---	0	0	---	---	---	---	29.13
10/28/2021	10:30 AM	---	---	---	---	---	0	---	0	0	---	---	---	---	29.127
9/25/2021	6:15 PM	69.5	69.7	69.2	40	44.1	2	SW	0.5	5	SW	69.5	67	67	29.544
10/19/2021	3:45 PM	69.9	70	69.5	39	43.8	1	E	0.25	4	SW	69.9	67.3	67.3	29.544
10/19/2021	4:00 PM	69.9	70.2	69.9	42	45.8	2	SW	0.5	5	SSW	69.9	67.6	67.6	29.549
10/19/2021	4:15 PM	69.2	69.9	69.2	41	44.5	2	SW	0.5	5	SW	69.2	66.8	66.8	29.548

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/28/2021	2:45 AM	0	0	0.185	0	66.5	39	40.8	64	7.72	0.0729	300	8	100	15
10/28/2021	3:00 AM	0	0	0.196	0	66.5	39	40.8	64	7.72	0.0729	297	8	100	15
10/28/2021	3:15 AM	0	0	0.196	0	66.4	39	40.7	63.8	7.72	0.0729	300	8	100	15
10/28/2021	3:30 AM	0	0	0.195	0	66.4	39	40.7	63.8	7.72	0.0729	297	8	100	15
10/28/2021	3:45 AM	0	0	0.189	0	66.3	39	40.6	63.7	7.72	0.0729	299	8	100	15
10/28/2021	4:00 AM	0	0	0.19	0	66.3	39	40.6	63.7	7.72	0.0729	298	8	100	15
10/28/2021	4:15 AM	0	0	0.189	0	66.3	39	40.6	63.7	7.72	0.0729	297	8	100	15
10/28/2021	4:30 AM	0	0	0.191	0	66.3	39	40.6	63.7	7.72	0.0729	300	8	100	15
10/28/2021	4:45 AM	0	0	0.193	0	66.2	40	41.2	63.7	7.83	0.0729	300	8	100	15
10/28/2021	5:00 AM	0	0	0.19	0	66.2	40	41.2	63.7	7.83	0.0729	300	8	100	15
10/28/2021	5:15 AM	0	0	0.192	0	66.2	40	41.2	63.7	7.83	0.0729	300	8	100	15
10/28/2021	5:30 AM	0	0	0.194	0	66.2	40	41.2	63.7	7.83	0.0729	299	8	100	15
10/28/2021	5:45 AM	0	0	0.195	0	66.2	40	41.2	63.7	7.83	0.0729	299	8	100	15
10/28/2021	6:00 AM	0	0	0.194	0	66.2	40	41.2	63.7	7.83	0.0729	300	8	100	15
10/28/2021	6:15 AM	0	0	0.198	0	66.3	40	41.2	63.8	7.82	0.0728	300	8	100	15
10/28/2021	6:30 AM	0	0	0.199	0	66.3	40	41.2	63.8	7.82	0.0728	299	8	100	15
10/28/2021	6:45 AM	0	0	0.194	0	66.3	40	41.2	63.8	7.82	0.0728	300	8	100	15
10/28/2021	7:00 AM	0	0	0.188	0	66.3	40	41.2	63.8	7.82	0.0728	300	8	100	15
10/28/2021	7:15 AM	0	0	0.179	0	66.3	40	41.2	63.8	7.82	0.0728	299	8	100	15
10/28/2021	7:30 AM	0	0	0.171	0	66.3	41	41.9	63.9	7.95	0.0727	298	8	100	15
10/28/2021	7:45 AM	0	0	0.162	0	66.4	41	42	64	7.95	0.0727	300	8	100	15
10/28/2021	8:00 AM	0	0	0.154	0	66.6	41	42.2	64.3	7.95	0.0727	299	8	100	15
10/28/2021	8:15 AM	0	0	0.128	0	66.8	41	42.3	64.5	7.95	0.0726	298	8	100	15
10/28/2021	8:30 AM	0	0	0.122	0	67.1	41	42.6	64.8	7.95	0.0726	300	8	100	15
10/28/2021	8:45 AM	0	0	0.119	0	67.5	42	43.6	65.3	8.1	0.0725	299	8	100	15
10/28/2021	9:00 AM	0	0	---	---	63.5	51	45	61.7	9.58	0.073	300	8	100	15
10/28/2021	9:15 AM	0	0	---	---	61.3	55	45	59.6	10.25	0.0733	115	8	39.5	15
10/28/2021	9:30 AM	0	0	---	---	59.2	55	43	57.5	10.27	0.0738	224	8	77	15
10/28/2021	9:45 AM	0	0	---	---	59.2	57	44	57.6	10.57	0.0737	300	8	100	15
10/28/2021	10:00 AM	0	0	---	---	59.6	58	44.8	58.1	10.75	0.0736	300	8	100	15
10/28/2021	10:15 AM	0	0	---	---	60.3	56	44.5	58.7	10.45	0.0736	300	8	100	15
10/28/2021	10:30 AM	0	0	---	---	61.2	56	45.4	59.6	10.45	0.0734	300	8	100	15
9/25/2021	6:15 PM	0	0	0	0.047	74.8	37	46.8	73.5	7.25	0.0725	240	8	82.5	15
10/19/2021	3:45 PM	0	0	0	0.051	77	37	48.7	75.7	7.21	0.0722	140	8	48.1	15
10/19/2021	4:00 PM	0	0	0	0.051	85	30	50.1	82.8	6.05	0.0711	298	8	100	15
10/19/2021	4:15 PM	0	0	0	0.044	88.8	28	51.5	86.5	5.65	0.0705	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/19/2021	4:30 PM	69.1	69.2	69	40	43.8	1	SSW	0.25	5	WSW	69.1	66.6	66.6	29.554
10/19/2021	4:45 PM	68.8	69	68.7	43	45.4	1	SW	0.25	6	SW	68.8	66.6	66.6	29.549
10/19/2021	5:00 PM	68.4	68.8	68.4	40	43.1	1	SSW	0.25	5	SSE	68.4	66	66	29.548
10/19/2021	5:15 PM	67.9	68.7	67.9	39	42	1	SE	0.25	5	SW	67.9	65.5	65.5	29.544
10/19/2021	5:30 PM	66.6	67.9	66.6	42	42.8	1	SE	0.25	5	SSE	66.6	64.4	64.4	29.544
10/19/2021	5:45 PM	64.7	66.7	64.7	52	46.7	1	ESE	0.25	3	WSW	64.7	63.1	63.1	29.543
10/19/2021	6:00 PM	63.1	64.6	63.1	53	45.7	1	SE	0.25	3	SE	63.1	61.4	61.4	29.544
10/19/2021	6:15 PM	62.5	63.2	62.5	56	46.6	1	SSE	0.25	4	ESE	62.5	61	61	29.544
10/19/2021	6:30 PM	61	62.5	61	57	45.7	0	---	0	0	---	61	59.4	59.4	29.544
10/19/2021	6:45 PM	58.6	60.9	58.6	61	45.2	0	---	0	0	---	58.6	57.3	57.3	29.551
10/19/2021	7:00 PM	56.5	58.6	56.5	66	45.3	0	---	0	0	---	56.5	55.4	55.4	29.552
10/19/2021	7:15 PM	54.7	56.4	54.7	69	44.7	0	---	0	0	---	54.7	53.8	53.8	29.555
10/19/2021	7:30 PM	53.2	54.7	53.2	70	43.7	0	---	0	0	---	53.2	52.5	52.5	29.551
10/19/2021	7:45 PM	51.9	53.2	51.9	74	43.9	0	---	0	0	---	51.9	51.4	51.4	29.556
10/19/2021	8:00 PM	51.2	51.9	51.2	74	43.2	0	---	0	0	---	51.2	50.8	50.8	29.556
10/19/2021	8:15 PM	50.6	51.2	50.5	77	43.7	0	---	0	0	---	50.6	50.4	50.4	29.557
10/19/2021	8:30 PM	50.1	50.5	50.1	76	42.8	0	---	0	0	---	50.1	49.9	49.9	29.555
10/19/2021	8:45 PM	49.4	50.1	49.4	78	42.8	0	---	0	0	---	49.4	49.3	49.3	29.561
10/19/2021	9:00 PM	48.3	49.4	48.3	81	42.7	0	---	0	0	---	48.3	48.2	48.2	29.563
10/19/2021	9:15 PM	47.7	48.3	47.7	82	42.5	0	---	0	0	---	47.7	47.6	47.6	29.571
10/19/2021	9:30 PM	47.3	47.7	47.3	84	42.7	0	---	0	0	---	47.3	47.3	47.3	29.572
10/19/2021	9:45 PM	47.4	47.5	47.3	86	43.4	0	---	0	0	---	47.4	47.4	47.4	29.576
10/19/2021	10:00 PM	47.2	47.5	47.2	86	43.2	0	---	0	0	---	47.2	47.2	47.2	29.578
10/19/2021	10:15 PM	46.9	47.3	46.8	86	42.9	0	---	0	0	---	46.9	46.9	46.9	29.578
10/19/2021	10:30 PM	46.2	46.9	46.2	88	42.8	0	---	0	0	---	46.2	46.3	46.3	29.585
10/19/2021	10:45 PM	46	46.3	46	89	42.9	0	---	0	0	---	46	46.1	46.1	29.589
10/19/2021	11:00 PM	45.6	46.1	45.6	90	42.8	0	---	0	0	---	45.6	45.7	45.7	29.589
10/19/2021	11:15 PM	45.7	45.7	45.5	90	42.9	0	---	0	0	---	45.7	45.8	45.8	29.585
10/19/2021	11:30 PM	45.7	45.8	45.6	90	42.9	0	---	0	0	---	45.7	45.8	45.8	29.587
10/19/2021	11:45 PM	45.3	45.7	45.3	89	42.2	0	---	0	0	---	45.3	45.4	45.4	29.593
10/20/2021	12:00 AM	44.7	45.3	44.7	90	41.9	0	---	0	0	---	44.7	44.8	44.8	29.592
10/20/2021	12:15 AM	44.4	44.7	44.4	92	42.2	0	---	0	0	---	44.4	44.5	44.5	29.589
10/20/2021	12:30 AM	44.1	44.4	44.1	93	42.2	0	---	0	0	---	44.1	44.3	44.3	29.591
10/20/2021	12:45 AM	43.8	44.1	43.8	93	41.9	0	---	0	0	---	43.8	43.9	43.9	29.595
10/20/2021	1:00 AM	44	44	43.7	94	42.4	0	---	0	0	---	44	44.2	44.2	29.593
10/20/2021	1:15 AM	44.3	44.3	43.9	94	42.7	0	---	0	0	---	44.3	44.5	44.5	29.595

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/19/2021	4:30 PM	0	0	0	0.043	91.3	26	51.6	88.8	5.3	0.0702	300	8	100	15
10/19/2021	4:45 PM	0	0	0	0.04	92.3	25	51.4	89.8	5.1	0.0701	300	8	100	15
10/19/2021	5:00 PM	0	0	0	0.035	91.4	25	50.6	88.7	5.12	0.0702	300	8	100	15
10/19/2021	5:15 PM	0	0	0	0.03	90.4	26	50.8	87.9	5.33	0.0703	300	8	100	15
10/19/2021	5:30 PM	0	0	0	0.017	89.2	26	49.8	86.6	5.35	0.0705	299	8	100	15
10/19/2021	5:45 PM	0	0	0.003	0	88.3	26	49.1	85.6	5.35	0.0707	299	8	100	15
10/19/2021	6:00 PM	0	0	0.02	0	87.7	27	49.6	85.2	5.5	0.0707	299	8	100	15
10/19/2021	6:15 PM	0	0	0.026	0	87.1	27	49.1	84.5	5.51	0.0708	299	8	100	15
10/19/2021	6:30 PM	0	0	0.042	0	85.7	27	47.9	83.2	5.54	0.071	300	8	100	15
10/19/2021	6:45 PM	0	0	0.067	0	83.6	27	46.1	81.2	5.55	0.0714	300	8	100	15
10/19/2021	7:00 PM	0	0	0.089	0	81.5	27	44.3	79.3	5.55	0.0717	299	8	100	15
10/19/2021	7:15 PM	0	0	0.107	0	79.5	28	43.5	77.4	5.74	0.072	300	8	100	15
10/19/2021	7:30 PM	0	0	0.123	0	77.6	29	42.8	75.7	5.85	0.0723	299	8	100	15
10/19/2021	7:45 PM	0	0	0.136	0	75.9	29	41.3	74.1	5.85	0.0725	299	8	100	15
10/19/2021	8:00 PM	0	0	0.144	0	74.4	30	40.9	72.5	6.07	0.0728	299	8	100	15
10/19/2021	8:15 PM	0	0	0.15	0	73	30	39.7	70.8	6.13	0.073	300	8	100	15
10/19/2021	8:30 PM	0	0	0.155	0	71.8	31	39.5	69.1	6.31	0.0732	300	8	100	15
10/19/2021	8:45 PM	0	0	0.162	0	70.6	32	39.3	67.5	6.54	0.0733	300	8	100	15
10/19/2021	9:00 PM	0	0	0.174	0	69.7	32	38.5	66.3	6.55	0.0735	300	8	100	15
10/19/2021	9:15 PM	0	0	0.18	0	68.7	33	38.4	65.5	6.68	0.0736	299	8	100	15
10/19/2021	9:30 PM	0	0	0.184	0	67.8	33	37.6	64.7	6.69	0.0738	300	8	100	15
10/19/2021	9:45 PM	0	0	0.183	0	66.9	34	37.6	63.9	6.85	0.0739	300	8	100	15
10/19/2021	10:00 PM	0	0	0.185	0	66.3	34	37.1	63.2	6.85	0.074	300	8	100	15
10/19/2021	10:15 PM	0	0	0.189	0	65.6	35	37.2	62.6	7.05	0.0741	299	8	100	15
10/19/2021	10:30 PM	0	0	0.196	0	65	35	36.7	62	7.05	0.0742	300	8	100	15
10/19/2021	10:45 PM	0	0	0.198	0	64.5	36	36.9	61.5	7.16	0.0743	300	8	100	15
10/19/2021	11:00 PM	0	0	0.202	0	63.9	36	36.4	60.9	7.17	0.0744	300	8	100	15
10/19/2021	11:15 PM	0	0	0.201	0	63.5	37	36.7	60.6	7.35	0.0745	300	8	100	15
10/19/2021	11:30 PM	0	0	0.201	0	63	37	36.3	60.1	7.35	0.0745	300	8	100	15
10/19/2021	11:45 PM	0	0	0.205	0	62.5	37	35.9	59.6	7.35	0.0746	300	8	100	15
10/20/2021	12:00 AM	0	0	0.211	0	62.1	38	36.2	59.2	7.55	0.0747	300	8	100	15
10/20/2021	12:15 AM	0	0	0.215	0	61.7	38	35.8	58.8	7.55	0.0747	300	8	100	15
10/20/2021	12:30 AM	0	0	0.218	0	61.3	38	35.5	58.4	7.55	0.0748	297	8	100	15
10/20/2021	12:45 AM	0	0	0.221	0	61	39	35.8	58.2	7.67	0.0749	300	8	100	15
10/20/2021	1:00 AM	0	0	0.219	0	60.8	39	35.7	58	7.67	0.0749	299	8	100	15
10/20/2021	1:15 AM	0	0	0.216	0	60.5	39	35.4	57.7	7.66	0.0749	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/20/2021	1:30 AM	44.3	44.4	44.2	93	42.4	0	---	0	0	---	44.3	44.5	44.5	29.597
10/20/2021	1:45 AM	43.9	44.3	43.8	93	42	0	---	0	0	---	43.9	44.1	44.1	29.599
10/20/2021	2:00 AM	43.7	43.9	43.7	93	41.8	0	---	0	0	---	43.7	43.8	43.8	29.603
10/20/2021	2:15 AM	43.9	43.9	43.7	94	42.3	0	---	0	0	---	43.9	44.1	44.1	29.604
10/20/2021	2:30 AM	43.9	44	43.8	94	42.3	0	---	0	0	---	43.9	44.1	44.1	29.605
10/20/2021	2:45 AM	43.7	44	43.7	93	41.8	0	---	0	0	---	43.7	43.8	43.8	29.606
10/20/2021	3:00 AM	43.6	43.7	43.6	94	42	0	---	0	0	---	43.6	43.7	43.7	29.603
10/20/2021	3:15 AM	43.3	43.6	43.3	94	41.7	0	---	0	0	---	43.3	43.4	43.4	29.608
10/20/2021	3:30 AM	42.8	43.4	42.8	94	41.2	0	---	0	0	---	42.8	42.9	42.9	29.606
10/20/2021	3:45 AM	42.4	42.8	42.3	94	40.8	0	---	0	0	---	42.4	42.5	42.5	29.607
10/20/2021	4:00 AM	41.9	42.3	41.9	95	40.6	0	---	0	0	---	41.9	42	42	29.606
10/20/2021	4:15 AM	41.3	41.9	41.3	94	39.7	0	---	0	0	---	41.3	41.4	41.4	29.607
10/20/2021	4:30 AM	40.8	41.3	40.8	95	39.5	0	---	0	0	---	40.8	40.9	40.9	29.609
10/20/2021	4:45 AM	40.3	40.8	40.2	95	39	0	---	0	0	---	40.3	40.4	40.4	29.613
10/20/2021	5:00 AM	40.1	40.3	40.1	95	38.8	0	---	0	0	---	40.1	40.2	40.2	29.614
10/20/2021	5:15 AM	39.8	40.1	39.7	96	38.8	0	---	0	0	---	39.8	39.9	39.9	29.614
10/20/2021	5:30 AM	39.5	39.8	39.5	96	38.5	0	---	0	0	---	39.5	39.6	39.6	29.621
10/20/2021	5:45 AM	39.6	39.7	39.5	96	38.6	0	---	0	0	---	39.6	39.7	39.7	29.625
10/20/2021	6:00 AM	39.3	39.6	39.2	96	38.3	0	---	0	0	---	39.3	39.4	39.4	29.631
10/20/2021	6:15 AM	38.9	39.3	38.9	96	37.9	0	---	0	0	---	38.9	38.9	38.9	29.633
10/20/2021	6:30 AM	38.4	39	38.4	96	37.4	0	---	0	0	---	38.4	38.4	38.4	29.637
10/20/2021	6:45 AM	38.9	38.9	38.4	97	38.1	0	---	0	0	---	38.9	39	39	29.637
10/20/2021	7:00 AM	38.8	38.9	38.8	96	37.8	0	---	0	0	---	38.8	38.8	38.8	29.638
10/20/2021	7:15 AM	38.4	38.8	38.3	96	37.4	0	---	0	0	---	38.4	38.4	38.4	29.639
10/20/2021	7:30 AM	38.2	38.4	38.2	97	37.4	0	---	0	0	---	38.2	38.2	38.2	29.639
10/20/2021	7:45 AM	38.4	38.4	38.2	97	37.6	0	---	0	0	---	38.4	38.5	38.5	29.647
10/20/2021	8:00 AM	38.4	38.4	38.3	97	37.6	0	---	0	0	---	38.4	38.5	38.5	29.651
10/20/2021	8:15 AM	38.8	38.8	38.4	97	38	0	---	0	0	---	38.8	38.9	38.9	29.656
10/20/2021	8:30 AM	39.5	39.5	38.8	98	39	0	---	0	0	---	39.5	39.6	39.6	29.655
10/20/2021	8:45 AM	41.2	41.2	39.5	97	40.4	0	---	0	0	---	41.2	41.3	41.3	29.664
10/20/2021	9:00 AM	43.1	43.1	41.2	96	42	0	---	0	0	---	43.1	43.2	43.2	29.667
10/20/2021	9:15 AM	44.9	44.9	43.1	96	43.8	0	---	0	0	---	44.9	45.1	45.1	29.667
10/20/2021	9:30 AM	47	47	44.9	95	45.6	0	---	0	0	---	47	47.3	47.3	29.672
10/20/2021	9:45 AM	50.7	50.7	47	91	48.2	0	---	0	0	---	50.7	51	51	29.677
10/20/2021	10:00 AM	53.2	53.2	50.8	83	48.2	0	SSE	0	2	SSE	53.2	53	53	29.68
10/20/2021	10:15 AM	55.3	55.3	53.2	74	47.2	0	SE	0	2	SE	55.3	54.7	54.7	29.676

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/20/2021	1:30 AM	0	0	0.216	0	60.3	40	35.9	57.6	7.85	0.075	300	8	100	15
10/20/2021	1:45 AM	0	0	0.22	0	60	40	35.6	57.3	7.85	0.075	300	8	100	15
10/20/2021	2:00 AM	0	0	0.222	0	59.8	40	35.4	57.1	7.85	0.0751	298	8	100	15
10/20/2021	2:15 AM	0	0	0.22	0	59.7	41	35.9	57.1	8.04	0.0751	300	8	100	15
10/20/2021	2:30 AM	0	0	0.22	0	59.6	41	35.9	57	8.04	0.0751	300	8	100	15
10/20/2021	2:45 AM	0	0	0.222	0	59.5	41	35.8	56.9	8.04	0.0751	300	8	100	15
10/20/2021	3:00 AM	0	0	0.223	0	59.4	42	36.3	56.9	8.15	0.0751	300	8	100	15
10/20/2021	3:15 AM	0	0	0.226	0	59.4	42	36.3	56.9	8.15	0.0751	300	8	100	15
10/20/2021	3:30 AM	0	0	0.231	0	59.3	42	36.2	56.8	8.15	0.0751	300	8	100	15
10/20/2021	3:45 AM	0	0	0.235	0	59	42	35.9	56.5	8.15	0.0752	300	8	100	15
10/20/2021	4:00 AM	0	0	0.241	0	58.7	42	35.7	56.2	8.15	0.0752	300	8	100	15
10/20/2021	4:15 AM	0	0	0.247	0	58.3	42	35.3	55.8	8.15	0.0753	300	8	100	15
10/20/2021	4:30 AM	0	0	0.252	0	57.9	42	34.9	55.4	8.15	0.0754	300	8	100	15
10/20/2021	4:45 AM	0	0	0.257	0	57.6	42	34.7	55.2	8.15	0.0754	300	8	100	15
10/20/2021	5:00 AM	0	0	0.259	0	57.2	43	34.9	54.9	8.29	0.0755	299	8	100	15
10/20/2021	5:15 AM	0	0	0.263	0	56.9	43	34.6	54.6	8.29	0.0755	300	8	100	15
10/20/2021	5:30 AM	0	0	0.266	0	56.7	43	34.4	54.4	8.28	0.0756	300	8	100	15
10/20/2021	5:45 AM	0	0	0.265	0	56.4	43	34.2	54.1	8.28	0.0756	300	8	100	15
10/20/2021	6:00 AM	0	0	0.268	0	56.1	43	33.9	53.8	8.27	0.0757	300	8	100	15
10/20/2021	6:15 AM	0	0	0.272	0	55.9	44	34.3	53.7	8.47	0.0757	300	8	100	15
10/20/2021	6:30 AM	0	0	0.277	0	55.6	44	34	53.4	8.46	0.0758	300	8	100	15
10/20/2021	6:45 AM	0	0	0.272	0	55.4	44	33.8	53.2	8.46	0.0758	300	8	100	15
10/20/2021	7:00 AM	0	0	0.273	0	55.2	44	33.6	53	8.45	0.0759	299	8	100	15
10/20/2021	7:15 AM	0	0	0.277	0	55	44	33.5	52.9	8.45	0.0759	300	8	100	15
10/20/2021	7:30 AM	0	0	0.279	0	54.8	44	33.3	52.7	8.45	0.0759	300	8	100	15
10/20/2021	7:45 AM	0	0	0.277	0	54.7	45	33.8	52.6	8.66	0.0759	300	8	100	15
10/20/2021	8:00 AM	0	0	0.277	0	54.5	45	33.6	52.5	8.66	0.076	300	8	100	15
10/20/2021	8:15 AM	0	0	0.273	0	54.4	45	33.5	52.4	8.66	0.076	298	8	100	15
10/20/2021	8:30 AM	0	0	0.266	0	54.8	45	33.8	52.7	8.65	0.076	196	8	67.4	15
10/20/2021	8:45 AM	0	0	0.248	0	54.6	46	34.2	52.6	8.85	0.076	298	8	100	15
10/20/2021	9:00 AM	0	0	0.228	0	54.8	46	34.4	52.8	8.85	0.076	299	8	100	15
10/20/2021	9:15 AM	0	0	0.209	0	55.2	47	35.3	53.2	8.95	0.0759	299	8	100	15
10/20/2021	9:30 AM	0	0	0.188	0	55.8	47	35.9	53.7	8.95	0.0758	300	8	100	15
10/20/2021	9:45 AM	0	0	0.149	0	56.6	48	37.1	54.5	9.15	0.0757	299	8	100	15
10/20/2021	10:00 AM	0	0	0.123	0	57.5	48	37.9	55.4	9.15	0.0755	300	8	100	15
10/20/2021	10:15 AM	0	0	0.101	0	58.7	49	39.6	56.6	9.35	0.0753	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/20/2021	10:30 AM	58.2	58.2	55.3	69	48.1	0	SE	0	2	SE	58.2	57.3	57.3	29.682
10/20/2021	10:45 AM	59.3	59.3	58.2	62	46.3	1	SW	0.25	4	SW	59.3	58	58	29.684
10/20/2021	11:00 AM	60	60	59.3	60	46.1	1	SW	0.25	4	WSW	60	58.6	58.6	29.688
10/20/2021	11:15 AM	61.1	61.2	60	57	45.7	2	WSW	0.5	6	SW	61.1	59.5	59.5	29.682
10/20/2021	11:30 AM	61.3	61.3	60.7	58	46.4	3	WSW	0.75	6	SW	61.3	59.8	59.8	29.677
10/20/2021	11:45 AM	62.2	62.2	61.3	60	48.1	3	WSW	0.75	7	WSW	62.2	60.9	60.9	29.676
10/20/2021	12:00 PM	63.9	63.9	62.2	59	49.3	2	WSW	0.5	5	SW	63.9	62.7	62.7	29.672
10/20/2021	12:15 PM	64.6	64.7	63.9	55	48.1	2	WSW	0.5	6	SW	64.6	63.3	63.3	29.668
10/20/2021	12:30 PM	65.4	65.4	64.7	55	48.8	2	SSW	0.5	7	SE	65.4	64.1	64.1	29.662
10/20/2021	12:45 PM	66	66	65.4	52	47.9	3	SW	0.75	8	WSW	66	64.5	64.5	29.658
10/20/2021	1:00 PM	66.6	66.6	66	52	48.4	2	ESE	0.5	8	SE	66.6	65.2	65.2	29.649
10/20/2021	1:15 PM	66.7	66.7	66.2	52	48.5	2	WSW	0.5	7	ESE	66.7	65.3	65.3	29.632
10/20/2021	1:30 PM	67.2	67.6	66.7	51	48.5	3	SSW	0.75	8	WSW	67.2	65.8	65.8	29.631
10/20/2021	1:45 PM	67.6	67.6	67	50	48.3	2	SW	0.5	9	ESE	67.6	66.2	66.2	29.622
10/20/2021	2:00 PM	67.9	67.9	67.4	51	49.1	2	SW	0.5	7	WSW	67.9	66.6	66.6	29.609
10/20/2021	2:15 PM	68.3	68.3	67.8	45	46.1	2	SW	0.5	9	WSW	68.3	66.4	66.4	29.604
10/20/2021	2:30 PM	68.4	68.8	68.2	46	46.8	2	SW	0.5	7	WSW	68.4	66.6	66.6	29.602
10/20/2021	2:45 PM	68.5	68.5	67.9	48	48	2	SW	0.5	7	SW	68.5	66.9	66.9	29.589
10/20/2021	3:00 PM	68.4	68.9	68.3	44	45.6	3	SW	0.75	10	WSW	68.4	66.4	66.4	29.593
10/20/2021	3:15 PM	69.3	69.3	68.4	43	45.8	2	WSW	0.5	9	WSW	69.3	67.1	67.1	29.582
10/20/2021	3:30 PM	69.2	69.3	69	47	48.1	3	SE	0.75	9	SE	69.2	67.4	67.4	29.58
10/20/2021	3:45 PM	69.6	69.8	69.2	46	47.9	2	SW	0.5	7	WSW	69.6	67.6	67.6	29.576
10/20/2021	4:00 PM	69.7	69.8	69.5	46	48	2	SSW	0.5	6	SW	69.7	67.7	67.7	29.571
10/20/2021	4:15 PM	69	69.7	69	47	47.9	2	ESE	0.5	6	SSW	69	67.2	67.2	29.571
10/20/2021	4:30 PM	68.7	69.1	68.7	45	46.5	2	WSW	0.5	6	SW	68.7	66.8	66.8	29.568
10/20/2021	4:45 PM	68.4	68.8	68.4	48	47.9	2	SW	0.5	6	W	68.4	66.8	66.8	29.567
10/20/2021	5:00 PM	68.4	68.5	68.2	48	47.9	1	S	0.25	4	ESE	68.4	66.8	66.8	29.563
10/20/2021	5:15 PM	67.8	68.4	67.7	48	47.4	1	ESE	0.25	6	ESE	67.8	66.2	66.2	29.558
10/20/2021	5:30 PM	67	67.9	67	48	46.7	1	SE	0.25	4	SE	67	65.3	65.3	29.559
10/20/2021	5:45 PM	65.8	67.1	65.8	53	48.2	1	ESE	0.25	4	SE	65.8	64.4	64.4	29.555
10/20/2021	6:00 PM	64.2	65.8	64.2	59	49.6	1	SE	0.25	4	SE	64.2	63.1	63.1	29.552
10/20/2021	6:15 PM	62.5	64.2	62.5	61	48.9	0	SE	0	2	SE	62.5	61.3	61.3	29.552
10/20/2021	6:30 PM	60.5	62.5	60.5	65	48.7	0	---	0	0	---	60.5	59.5	59.5	29.549
10/20/2021	6:45 PM	58.7	60.5	58.7	69	48.6	0	---	0	0	---	58.7	57.8	57.8	29.552
10/20/2021	7:00 PM	56.7	58.6	56.7	72	47.8	0	---	0	0	---	56.7	55.9	55.9	29.558
10/20/2021	7:15 PM	55.2	56.6	55.2	74	47.1	0	---	0	0	---	55.2	54.6	54.6	29.554

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/20/2021	10:30 AM	0	0	0.071	0	60	49	40.8	57.9	9.35	0.0751	300	8	100	15
10/20/2021	10:45 AM	0	0	0.059	0	61.5	49	42.2	59.4	9.29	0.0749	299	8	100	15
10/20/2021	11:00 AM	0	0	0.052	0	62.9	48	42.9	60.8	9.03	0.0746	299	8	100	15
10/20/2021	11:15 AM	0	0	0.041	0	64	49	44.4	62	9.19	0.0744	298	8	100	15
10/20/2021	11:30 AM	0	0	0.039	0	65.2	48	45	63.3	8.95	0.0742	298	8	100	15
10/20/2021	11:45 AM	0	0	0.029	0	66.6	47	45.7	64.8	8.82	0.074	300	8	100	15
10/20/2021	12:00 PM	0	0	0.011	0	67.9	47	46.9	66.3	8.79	0.0738	299	8	100	15
10/20/2021	12:15 PM	0	0	0.004	0	69.2	46	47.5	67.3	8.65	0.0736	300	8	100	15
10/20/2021	12:30 PM	0	0	0	0.004	70.3	46	48.5	68.4	8.64	0.0734	300	8	100	15
10/20/2021	12:45 PM	0	0	0	0.01	71.5	46	49.6	70	8.62	0.0732	299	8	100	15
10/20/2021	1:00 PM	0	0	0	0.017	72.5	45	49.9	71.3	8.45	0.073	300	8	100	15
10/20/2021	1:15 PM	0	0	0	0.018	73.5	45	50.9	72.7	8.45	0.0728	300	8	100	15
10/20/2021	1:30 PM	0	0	0	0.023	74.6	44	51.2	73.9	8.26	0.0726	300	8	100	15
10/20/2021	1:45 PM	0	0	0	0.027	75.5	44	52.1	74.8	8.24	0.0724	298	8	100	15
10/20/2021	2:00 PM	0	0	0	0.03	76.5	44	53	75.8	8.22	0.0722	300	8	100	15
10/20/2021	2:15 PM	0	0	0	0.034	77.8	44	54.1	77	8.19	0.072	299	8	100	15
10/20/2021	2:30 PM	0	0	0	0.035	79.5	44	55.7	78.8	8.16	0.0717	299	8	100	15
10/20/2021	2:45 PM	0	0	0	0.036	81.8	44	57.8	81.3	8.15	0.0713	300	8	100	15
10/20/2021	3:00 PM	0	0	0	0.035	84.4	43	59.5	84.2	7.96	0.0709	300	8	100	15
10/20/2021	3:15 PM	0	0	0	0.045	86.6	41	60.1	86.5	7.65	0.0706	299	8	100	15
10/20/2021	3:30 PM	0	0	0	0.044	88.3	39	60.2	88.3	7.28	0.0703	300	8	100	15
10/20/2021	3:45 PM	0	0	0	0.048	89.3	37	59.6	89.1	6.96	0.0702	300	8	100	15
10/20/2021	4:00 PM	0	0	0	0.049	89.4	36	58.9	88.9	6.84	0.0702	300	8	100	15
10/20/2021	4:15 PM	0	0	0	0.042	89.2	35	58	88.4	6.73	0.0703	300	8	100	15
10/20/2021	4:30 PM	0	0	0	0.039	88.9	35	57.7	88	6.73	0.0703	299	8	100	15
10/20/2021	4:45 PM	0	0	0	0.035	88.6	34	56.6	87.4	6.52	0.0704	300	8	100	15
10/20/2021	5:00 PM	0	0	0	0.035	88.1	34	56.2	86.8	6.51	0.0705	300	8	100	15
10/20/2021	5:15 PM	0	0	0	0.029	87.8	34	55.9	86.5	6.51	0.0705	300	8	100	15
10/20/2021	5:30 PM	0	0	0	0.021	87.3	34	55.5	85.9	6.5	0.0706	299	8	100	15
10/20/2021	5:45 PM	0	0	0	0.008	87	33	54.4	85.3	6.39	0.0707	300	8	100	15
10/20/2021	6:00 PM	0	0	0.008	0	86.5	33	54	84.8	6.38	0.0707	300	8	100	15
10/20/2021	6:15 PM	0	0	0.026	0	86.1	33	53.6	84.3	6.37	0.0708	299	8	100	15
10/20/2021	6:30 PM	0	0	0.047	0	85.6	33	53.2	83.8	6.36	0.0709	299	8	100	15
10/20/2021	6:45 PM	0	0	0.066	0	84.8	33	52.5	83	6.36	0.071	300	8	100	15
10/20/2021	7:00 PM	0	0	0.086	0	84	33	51.8	82.2	6.39	0.0712	299	8	100	15
10/20/2021	7:15 PM	0	0	0.102	0	83.1	32	50.2	81.1	6.29	0.0713	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/20/2021	7:30 PM	54	55.1	54	77	47	0	---	0	0	---	54	53.5	53.5	29.555
10/20/2021	7:45 PM	53	54	53	79	46.7	0	---	0	0	---	53	52.7	52.7	29.559
10/20/2021	8:00 PM	52.1	53	52.1	81	46.4	0	---	0	0	---	52.1	51.9	51.9	29.56
10/20/2021	8:15 PM	51.6	52.2	51.6	82	46.3	0	---	0	0	---	51.6	51.5	51.5	29.565
10/20/2021	8:30 PM	51.1	51.6	51	84	46.4	0	---	0	0	---	51.1	51.1	51.1	29.565
10/20/2021	8:45 PM	50.9	51.2	50.9	83	45.9	0	---	0	0	---	50.9	50.8	50.8	29.566
10/20/2021	9:00 PM	50.1	50.8	50.1	86	46.1	0	---	0	0	---	50.1	50.2	50.2	29.561
10/20/2021	9:15 PM	50.1	50.1	49.9	87	46.4	0	---	0	0	---	50.1	50.3	50.3	29.56
10/20/2021	9:30 PM	49.9	50.1	49.9	87	46.2	0	---	0	0	---	49.9	50.1	50.1	29.556
10/20/2021	9:45 PM	49.5	50	49.5	88	46.1	0	---	0	0	---	49.5	49.7	49.7	29.556
10/20/2021	10:00 PM	49.2	49.5	49.1	89	46.1	0	---	0	0	---	49.2	49.5	49.5	29.551
10/20/2021	10:15 PM	49.2	49.2	49.1	89	46.1	0	---	0	0	---	49.2	49.5	49.5	29.553
10/20/2021	10:30 PM	48.8	49.2	48.8	90	46	0	---	0	0	---	48.8	49.1	49.1	29.55
10/20/2021	10:45 PM	48.2	48.8	48.2	90	45.4	0	---	0	0	---	48.2	48.4	48.4	29.554
10/20/2021	11:00 PM	47.8	48.2	47.8	91	45.3	0	---	0	0	---	47.8	48	48	29.559
10/20/2021	11:15 PM	47.7	47.9	47.7	92	45.5	0	---	0	0	---	47.7	48	48	29.552
10/20/2021	11:30 PM	47.4	47.7	47.4	93	45.5	0	---	0	0	---	47.4	47.7	47.7	29.552
10/20/2021	11:45 PM	47.2	47.4	47.2	92	45	0	---	0	0	---	47.2	47.4	47.4	29.547
10/21/2021	12:00 AM	46.9	47.2	46.9	92	44.7	0	---	0	0	---	46.9	47.1	47.1	29.547
10/21/2021	12:15 AM	46.8	46.9	46.7	93	44.9	0	---	0	0	---	46.8	47.1	47.1	29.544
10/21/2021	12:30 AM	46.5	46.7	46.5	93	44.6	0	---	0	0	---	46.5	46.7	46.7	29.546
10/21/2021	12:45 AM	46.2	46.5	46.1	93	44.3	0	---	0	0	---	46.2	46.4	46.4	29.538
10/21/2021	1:00 AM	46	46.2	45.9	94	44.4	0	---	0	0	---	46	46.3	46.3	29.533
10/21/2021	1:15 AM	45.7	46	45.7	94	44.1	0	---	0	0	---	45.7	45.9	45.9	29.526
10/21/2021	1:30 AM	45.7	45.8	45.6	94	44.1	0	---	0	0	---	45.7	45.9	45.9	29.521
10/21/2021	1:45 AM	45.5	45.7	45.5	94	43.9	0	---	0	0	---	45.5	45.7	45.7	29.523
10/21/2021	2:00 AM	45	45.5	45	93	43.1	0	---	0	0	---	45	45.2	45.2	29.532
10/21/2021	2:15 AM	44.5	45	44.5	95	43.2	0	---	0	0	---	44.5	44.7	44.7	29.53
10/21/2021	2:30 AM	44.5	44.6	44.4	95	43.2	0	---	0	0	---	44.5	44.7	44.7	29.527
10/21/2021	2:45 AM	44.2	44.5	44.2	95	42.9	0	---	0	0	---	44.2	44.4	44.4	29.53
10/21/2021	3:00 AM	44.3	44.3	44.2	96	43.2	0	---	0	0	---	44.3	44.5	44.5	29.534
10/21/2021	3:15 AM	43.4	44.3	43.4	94	41.8	0	---	0	0	---	43.4	43.5	43.5	29.537
10/21/2021	3:30 AM	42.7	43.4	42.7	95	41.4	0	---	0	0	---	42.7	42.8	42.8	29.537
10/21/2021	3:45 AM	42.9	43	42.6	96	41.8	0	---	0	0	---	42.9	43	43	29.53
10/21/2021	4:00 AM	42.9	43	42.8	96	41.8	0	---	0	0	---	42.9	43	43	29.53
10/21/2021	4:15 AM	42.7	43	42.7	96	41.6	0	---	0	0	---	42.7	42.8	42.8	29.527

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/20/2021	7:30 PM	0	0	0.115	0	82.3	33	50.3	80.4	6.46	0.0714	298	8	100	15
10/20/2021	7:45 PM	0	0	0.125	0	81.3	33	49.4	79.4	6.5	0.0716	300	8	100	15
10/20/2021	8:00 PM	0	0	0.134	0	80.5	33	48.7	78.7	6.53	0.0717	300	8	100	15
10/20/2021	8:15 PM	0	0	0.14	0	79.7	33	48	77.9	6.55	0.0719	300	8	100	15
10/20/2021	8:30 PM	0	0	0.145	0	78.9	33	47.3	77.2	6.55	0.072	300	8	100	15
10/20/2021	8:45 PM	0	0	0.147	0	78.2	34	47.5	76.5	6.69	0.0721	296	8	100	15
10/20/2021	9:00 PM	0	0	0.155	0	77.4	34	46.8	75.8	6.7	0.0722	300	8	100	15
10/20/2021	9:15 PM	0	0	0.155	0	76.8	34	46.3	75.3	6.71	0.0723	300	8	100	15
10/20/2021	9:30 PM	0	0	0.157	0	76.2	34	45.8	74.7	6.73	0.0724	300	8	100	15
10/20/2021	9:45 PM	0	0	0.161	0	75.5	35	45.9	74.1	6.94	0.0725	300	8	100	15
10/20/2021	10:00 PM	0	0	0.165	0	75	35	45.5	73.6	6.95	0.0725	300	8	100	15
10/20/2021	10:15 PM	0	0	0.165	0	74.5	35	45	73.1	6.96	0.0726	299	8	100	15
10/20/2021	10:30 PM	0	0	0.169	0	74	35	44.6	72.5	6.97	0.0727	300	8	100	15
10/20/2021	10:45 PM	0	0	0.175	0	73.6	36	45	72.1	7.11	0.0728	299	8	100	15
10/20/2021	11:00 PM	0	0	0.179	0	73.2	36	44.6	71.6	7.12	0.0728	300	8	100	15
10/20/2021	11:15 PM	0	0	0.18	0	72.7	36	44.2	70.9	7.14	0.0729	300	8	100	15
10/20/2021	11:30 PM	0	0	0.183	0	72.3	36	43.8	70.3	7.16	0.073	299	8	100	15
10/20/2021	11:45 PM	0	0	0.185	0	72	36	43.6	69.9	7.17	0.073	300	8	100	15
10/21/2021	12:00 AM	0	0	0.189	0	71.6	37	43.9	69.4	7.32	0.073	299	8	100	15
10/21/2021	12:15 AM	0	0	0.19	0	71.2	37	43.6	68.8	7.33	0.0731	300	8	100	15
10/21/2021	12:30 AM	0	0	0.193	0	70.9	37	43.3	68.4	7.33	0.0732	299	8	100	15
10/21/2021	12:45 AM	0	0	0.196	0	70.6	37	43.1	68	7.34	0.0732	300	8	100	15
10/21/2021	1:00 AM	0	0	0.198	0	70.3	37	42.8	67.6	7.34	0.0732	300	8	100	15
10/21/2021	1:15 AM	0	0	0.201	0	69.9	37	42.4	67.1	7.35	0.0733	299	8	100	15
10/21/2021	1:30 AM	0	0	0.201	0	69.6	38	42.9	66.9	7.55	0.0733	299	8	100	15
10/21/2021	1:45 AM	0	0	0.203	0	69.3	38	42.6	66.6	7.55	0.0733	299	8	100	15
10/21/2021	2:00 AM	0	0	0.208	0	69	38	42.3	66.3	7.55	0.0734	299	8	100	15
10/21/2021	2:15 AM	0	0	0.214	0	68.8	38	42.1	66.1	7.55	0.0734	299	8	100	15
10/21/2021	2:30 AM	0	0	0.214	0	68.5	38	41.9	65.9	7.55	0.0735	300	8	100	15
10/21/2021	2:45 AM	0	0	0.217	0	68.3	38	41.7	65.7	7.55	0.0735	300	8	100	15
10/21/2021	3:00 AM	0	0	0.216	0	68	38	41.4	65.5	7.55	0.0736	300	8	100	15
10/21/2021	3:15 AM	0	0	0.225	0	67.7	38	41.2	65.2	7.55	0.0736	300	8	100	15
10/21/2021	3:30 AM	0	0	0.232	0	67.4	38	40.9	64.8	7.55	0.0737	300	8	100	15
10/21/2021	3:45 AM	0	0	0.23	0	67	38	40.5	64.4	7.55	0.0737	300	8	100	15
10/21/2021	4:00 AM	0	0	0.23	0	66.8	39	41	64.3	7.71	0.0737	299	8	100	15
10/21/2021	4:15 AM	0	0	0.232	0	66.6	39	40.9	64.1	7.72	0.0738	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/21/2021	4:30 AM	42.9	42.9	42.7	97	42.1	0	---	0	0	---	42.9	43.1	43.1	29.526
10/21/2021	4:45 AM	42.9	42.9	42.9	97	42.1	0	---	0	0	---	42.9	43.1	43.1	29.526
10/21/2021	5:00 AM	43.4	43.4	42.9	97	42.6	0	---	0	0	---	43.4	43.6	43.6	29.523
10/21/2021	5:15 AM	43.9	44	43.4	97	43.1	0	---	0	0	---	43.9	44.2	44.2	29.522
10/21/2021	5:30 AM	44.2	44.2	44	97	43.4	0	---	0	0	---	44.2	44.5	44.5	29.522
10/21/2021	5:45 AM	44.3	44.3	44.2	97	43.5	0	---	0	0	---	44.3	44.6	44.6	29.524
10/21/2021	6:00 AM	44.6	44.6	44.3	97	43.8	0	---	0	0	---	44.6	44.9	44.9	29.525
10/21/2021	6:15 AM	44.8	44.9	44.6	96	43.7	0	---	0	0	---	44.8	45	45	29.525
10/21/2021	6:30 AM	45	45	44.7	97	44.2	0	---	0	0	---	45	45.3	45.3	29.528
10/21/2021	6:45 AM	45.7	45.7	44.9	97	44.9	0	NNE	0	2	NNE	45.7	46	46	29.516
10/21/2021	7:00 AM	46	46	45.7	97	45.2	0	---	0	0	---	46	46.3	46.3	29.52
10/21/2021	7:15 AM	45.8	46	45.8	96	44.7	0	---	0	0	---	45.8	46.1	46.1	29.514
10/21/2021	7:30 AM	46	46	45.8	97	45.2	0	NE	0	1	NNE	46	46.3	46.3	29.508
10/21/2021	7:45 AM	46.5	46.5	46	97	45.7	0	---	0	0	---	46.5	46.9	46.9	29.509
10/21/2021	8:00 AM	46.9	46.9	46.4	97	46.1	0	---	0	0	---	46.9	47.3	47.3	29.51
10/21/2021	8:15 AM	48.1	48.1	47.2	97	47.3	0	---	0	0	---	48.1	48.6	48.6	29.511
10/21/2021	8:30 AM	49	49	48.1	96	47.9	0	---	0	0	---	49	49.5	49.5	29.512
10/21/2021	8:45 AM	49.9	49.9	49	95	48.5	0	---	0	0	---	49.9	50.4	50.4	29.517
10/21/2021	9:00 AM	51	51	49.9	95	49.6	0	---	0	0	---	51	51.4	51.4	29.516
10/21/2021	9:15 AM	52.2	52.2	51	92	49.9	0	---	0	0	---	52.2	52.5	52.5	29.524
10/21/2021	9:30 AM	53	53	52.2	92	50.7	0	ENE	0	1	ENE	53	53.2	53.2	29.518
10/21/2021	9:45 AM	53.2	53.3	53	93	51.2	0	WSW	0	3	SW	53.2	53.4	53.4	29.51
10/21/2021	10:00 AM	54	54	53.2	93	52	0	NE	0	1	NE	54	54.2	54.2	29.508
10/21/2021	10:15 AM	54.5	54.6	54	93	52.5	0	---	0	0	---	54.5	54.7	54.7	29.503
10/21/2021	10:30 AM	54.8	54.8	54.6	93	52.8	0	---	0	0	---	54.8	55	55	29.504
10/21/2021	10:45 AM	55	55.1	54.7	93	53	0	SSE	0	2	SE	55	55.2	55.2	29.506
10/21/2021	11:00 AM	55.1	55.2	54.9	93	53.1	0	SSE	0	2	SSE	55.1	55.3	55.3	29.506
10/21/2021	11:15 AM	55.4	55.4	55.1	92	53.1	0	S	0	2	S	55.4	55.6	55.6	29.497
10/21/2021	11:30 AM	56.3	56.3	55.3	93	54.3	0	ESE	0	2	ESE	56.3	56.5	56.5	29.492
10/21/2021	11:45 AM	58	58	56.3	90	55.1	0	ESE	0	1	ESE	58	58.2	58.2	29.484
10/21/2021	12:00 PM	60.7	60.7	58	85	56.2	0	ESE	0	3	E	60.7	60.8	60.8	29.485
10/21/2021	12:15 PM	61.3	61.4	60.7	84	56.4	1	W	0.25	4	SW	61.3	61.4	61.4	29.48
10/21/2021	12:30 PM	62.3	62.3	61.4	84	57.4	0	N	0	2	NW	62.3	62.5	62.5	29.467
10/21/2021	12:45 PM	63	63.2	62.4	77	55.7	1	SW	0.25	4	SSW	63	63	63	29.466
10/21/2021	1:00 PM	63.2	63.2	63	78	56.2	1	SW	0.25	4	SW	63.2	63.3	63.3	29.462
10/21/2021	1:15 PM	63.5	63.5	63.2	79	56.9	1	WSW	0.25	5	WSW	63.5	63.7	63.7	29.455

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/21/2021	4:30 AM	0	0	0.23	0	66.4	39	40.7	63.8	7.72	0.0738	300	8	100	15
10/21/2021	4:45 AM	0	0	0.23	0	66.2	39	40.5	63.6	7.73	0.0738	300	8	100	15
10/21/2021	5:00 AM	0	0	0.225	0	66.1	39	40.4	63.5	7.73	0.0738	300	8	100	15
10/21/2021	5:15 AM	0	0	0.22	0	65.9	40	40.9	63.4	7.83	0.0739	300	8	100	15
10/21/2021	5:30 AM	0	0	0.217	0	65.9	40	40.9	63.4	7.83	0.0739	299	8	100	15
10/21/2021	5:45 AM	0	0	0.216	0	65.8	40	40.8	63.3	7.83	0.0739	299	8	100	15
10/21/2021	6:00 AM	0	0	0.213	0	65.9	40	40.9	63.4	7.83	0.0739	300	8	100	15
10/21/2021	6:15 AM	0	0	0.21	0	65.9	40	40.9	63.4	7.83	0.0739	300	8	100	15
10/21/2021	6:30 AM	0	0	0.208	0	65.9	40	40.9	63.4	7.83	0.0739	300	8	100	15
10/21/2021	6:45 AM	0	0	0.201	0	66	41	41.6	63.6	7.95	0.0738	300	8	100	15
10/21/2021	7:00 AM	0	0	0.198	0	66	41	41.6	63.6	7.95	0.0738	300	8	100	15
10/21/2021	7:15 AM	0	0	0.2	0	66.1	41	41.7	63.7	7.95	0.0738	299	8	100	15
10/21/2021	7:30 AM	0	0	0.198	0	66.2	41	41.8	63.8	7.95	0.0738	300	8	100	15
10/21/2021	7:45 AM	0	0	0.193	0	66.3	41	41.9	63.9	7.95	0.0737	299	8	100	15
10/21/2021	8:00 AM	0	0	0.189	0	66.3	41	41.9	63.9	7.95	0.0737	244	8	83.8	15
10/21/2021	8:15 AM	0	0	0.176	0	66.5	41	42.1	64.1	7.95	0.0737	249	8	85.6	15
10/21/2021	8:30 AM	0	0	0.167	0	66.7	42	42.9	64.5	8.12	0.0737	300	8	100	15
10/21/2021	8:45 AM	0	0	0.157	0	66.9	42	43	64.7	8.11	0.0736	300	8	100	15
10/21/2021	9:00 AM	0	0	0.146	0	67.4	43	44.1	65.3	8.25	0.0735	300	8	100	15
10/21/2021	9:15 AM	0	0	0.133	0	67.8	43	44.5	65.8	8.25	0.0735	299	8	100	15
10/21/2021	9:30 AM	0	0	0.125	0	68.4	43	45	66.3	8.25	0.0734	300	8	100	15
10/21/2021	9:45 AM	0	0	0.123	0	68.8	43	45.4	66.6	8.25	0.0733	300	8	100	15
10/21/2021	10:00 AM	0	0	0.115	0	69.2	43	45.7	67	8.25	0.0732	299	8	100	15
10/21/2021	10:15 AM	0	0	0.109	0	69.8	43	46.3	67.6	8.25	0.0731	300	8	100	15
10/21/2021	10:30 AM	0	0	0.106	0	70.2	43	46.6	68	8.24	0.0731	299	8	100	15
10/21/2021	10:45 AM	0	0	0.104	0	70.7	43	47.1	68.6	8.22	0.073	299	8	100	15
10/21/2021	11:00 AM	0	0	0.103	0	71	43	47.4	69	8.21	0.0729	299	8	100	15
10/21/2021	11:15 AM	0	0	0.1	0	71.4	44	48.3	69.7	8.32	0.0728	299	8	100	15
10/21/2021	11:30 AM	0	0	0.091	0	71.8	44	48.7	70.2	8.31	0.0727	300	8	100	15
10/21/2021	11:45 AM	0	0	0.073	0	72.3	44	49.2	71	8.3	0.0726	298	8	100	15
10/21/2021	12:00 PM	0	0	0.045	0	73	45	50.4	72.1	8.45	0.0725	299	8	100	15
10/21/2021	12:15 PM	0	0	0.039	0	73.6	45	50.9	72.8	8.45	0.0724	300	8	100	15
10/21/2021	12:30 PM	0	0	0.028	0	74.3	45	51.6	73.6	8.45	0.0722	300	8	100	15
10/21/2021	12:45 PM	0	0	0.021	0	75.1	45	52.3	74.5	8.45	0.0721	298	8	100	15
10/21/2021	1:00 PM	0	0	0.019	0	75.8	45	52.9	75.2	8.43	0.072	298	8	100	15
10/21/2021	1:15 PM	0	0	0.016	0	76.4	45	53.5	75.8	8.42	0.0719	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/21/2021	1:30 PM	64.3	64.3	63.4	76	56.6	1	SE	0.25	4	SE	64.3	64.4	64.4	29.442
10/21/2021	1:45 PM	64.6	64.7	64.3	77	57.2	1	WSW	0.25	4	WSW	64.6	64.8	64.8	29.43
10/21/2021	2:00 PM	64.5	64.7	64.4	77	57.1	2	WSW	0.5	6	W	64.5	64.7	64.7	29.425
10/21/2021	2:15 PM	64.9	64.9	64.4	76	57.2	3	SW	0.75	7	WSW	64.9	65.1	65.1	29.419
10/21/2021	2:30 PM	64.5	64.9	64.5	79	57.8	2	WSW	0.5	9	WSW	64.5	64.9	64.9	29.415
10/21/2021	2:45 PM	63.9	64.5	63.8	81	58	2	W	0.5	6	SW	63.9	64.3	64.3	29.411
10/21/2021	3:00 PM	64.2	64.2	63.8	80	57.9	2	WSW	0.5	7	SW	64.2	64.6	64.6	29.408
10/21/2021	3:15 PM	64.9	64.9	64.1	81	58.9	3	SW	0.75	9	WSW	64.9	65.4	65.4	29.406
10/21/2021	3:30 PM	65.5	65.6	64.8	78	58.5	2	SW	0.5	7	WSW	65.5	66	66	29.403
10/21/2021	3:45 PM	65.5	65.9	65.5	78	58.5	2	SW	0.5	5	WSW	65.5	66	66	29.403
10/21/2021	4:00 PM	65	65.5	65	80	58.7	1	SW	0.25	6	WNW	65	65.5	65.5	29.394
10/21/2021	4:15 PM	64.7	65	64.6	81	58.7	1	SW	0.25	4	WSW	64.7	65.2	65.2	29.393
10/21/2021	4:30 PM	64.9	64.9	64.6	81	58.9	1	SW	0.25	6	WSW	64.9	65.4	65.4	29.391
10/21/2021	4:45 PM	65	65	64.8	83	59.7	1	WSW	0.25	4	WSW	65	65.6	65.6	29.382
10/21/2021	5:00 PM	65.5	65.6	65.1	81	59.5	2	SSW	0.5	5	SSW	65.5	66.2	66.2	29.375
10/21/2021	5:15 PM	65.9	65.9	65.6	81	59.9	2	SW	0.5	8	ESE	65.9	66.7	66.7	29.374
10/21/2021	5:30 PM	65.6	65.9	65.6	81	59.6	1	SSW	0.25	8	WNW	65.6	66.3	66.3	29.372
10/21/2021	5:45 PM	65.5	65.7	65.5	83	60.2	0	WSW	0	3	WSW	65.5	66.2	66.2	29.366
10/21/2021	6:00 PM	65	65.5	65	84	60	0	SW	0	3	SW	65	65.7	65.7	29.367
10/21/2021	6:15 PM	64.2	65	64.2	86	59.9	0	---	0	0	---	64.2	64.8	64.8	29.362
10/21/2021	6:30 PM	63.2	64.2	63.2	87	59.3	0	---	0	0	---	63.2	63.7	63.7	29.36
10/21/2021	6:45 PM	61.9	63.2	61.9	90	58.9	0	---	0	0	---	61.9	62.5	62.5	29.349
10/21/2021	7:00 PM	60.8	61.9	60.8	90	57.8	0	---	0	0	---	60.8	61.2	61.2	29.35
10/21/2021	7:15 PM	60.1	60.8	60.1	92	57.8	0	---	0	0	---	60.1	60.5	60.5	29.353
10/21/2021	7:30 PM	59.6	60.2	59.6	93	57.6	0	---	0	0	---	59.6	60	60	29.354
10/21/2021	7:45 PM	59.1	59.6	59	94	57.4	0	---	0	0	---	59.1	59.5	59.5	29.348
10/21/2021	8:00 PM	59.3	59.3	59	94	57.6	0	---	0	0	---	59.3	59.8	59.8	29.343
10/21/2021	8:15 PM	59.1	59.3	59.1	95	57.7	0	---	0	0	---	59.1	59.6	59.6	29.343
10/21/2021	8:30 PM	59.1	59.3	59	95	57.7	0	---	0	0	---	59.1	59.6	59.6	29.336
10/21/2021	8:45 PM	58.9	59.1	58.9	95	57.5	0	---	0	0	---	58.9	59.4	59.4	29.342
10/21/2021	9:00 PM	60.1	60.2	58.9	97	59.2	1	NW	0.25	3	WNW	60.1	60.9	60.9	29.355
10/21/2021	9:15 PM	61.2	61.2	60.2	97	60.3	0	W	0	3	ENE	61.2	62.2	62.2	29.36
10/21/2021	9:30 PM	61.6	61.8	61.3	96	60.4	1	W	0.25	4	WNW	61.6	62.5	62.5	29.363
10/21/2021	9:45 PM	61.4	61.6	61.3	96	60.2	0	SE	0	3	SE	61.4	62.3	62.3	29.37
10/21/2021	10:00 PM	61.4	61.5	61.3	96	60.2	0	ESE	0	2	ESE	61.4	62.3	62.3	29.367
10/21/2021	10:15 PM	61.2	61.5	61.2	96	60.1	0	---	0	0	---	61.2	62	62	29.364

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/21/2021	1:30 PM	0	0	0.007	0	77	45	54	76.4	8.41	0.0717	300	8	100	15
10/21/2021	1:45 PM	0	0	0.004	0	77.6	45	54.6	76.9	8.4	0.0716	298	8	100	15
10/21/2021	2:00 PM	0	0	0.005	0	78.2	44	54.5	77.4	8.19	0.0715	300	8	100	15
10/21/2021	2:15 PM	0	0	0.001	0	78.6	44	54.9	77.8	8.18	0.0714	300	8	100	15
10/21/2021	2:30 PM	0	0	0.005	0	78.9	44	55.1	78.2	8.17	0.0714	300	8	100	15
10/21/2021	2:45 PM	0	0	0.011	0	79.2	44	55.4	78.5	8.17	0.0713	300	8	100	15
10/21/2021	3:00 PM	0	0	0.008	0	79.3	44	55.5	78.6	8.16	0.0713	299	8	100	15
10/21/2021	3:15 PM	0	0	0.001	0	79.5	44	55.7	78.8	8.16	0.0712	300	8	100	15
10/21/2021	3:30 PM	0	0	0	0.005	79.8	44	55.9	79.1	8.15	0.0712	299	8	100	15
10/21/2021	3:45 PM	0	0	0	0.005	80.2	44	56.3	79.5	8.15	0.0711	300	8	100	15
10/21/2021	4:00 PM	0	0	0	0	80.6	44	56.7	79.9	8.15	0.071	300	8	100	15
10/21/2021	4:15 PM	0	0	0.003	0	80.7	44	56.8	80	8.15	0.071	300	8	100	15
10/21/2021	4:30 PM	0	0	0.001	0	80.8	44	56.9	80.1	8.15	0.071	300	8	100	15
10/21/2021	4:45 PM	0	0	0	0	80.8	44	56.9	80.1	8.15	0.071	300	8	100	15
10/21/2021	5:00 PM	0	0	0	0.005	81	44	57	80.4	8.15	0.0709	299	8	100	15
10/21/2021	5:15 PM	0	0	0	0.009	81.2	44	57.2	80.6	8.15	0.0709	300	8	100	15
10/21/2021	5:30 PM	0	0	0	0.006	81.3	44	57.3	80.7	8.15	0.0709	299	8	100	15
10/21/2021	5:45 PM	0	0	0	0.005	81.4	44	57.4	80.8	8.15	0.0708	299	8	100	15
10/21/2021	6:00 PM	0	0	0	0	81.6	44	57.6	81.1	8.15	0.0708	300	8	100	15
10/21/2021	6:15 PM	0	0	0.008	0	81.6	44	57.6	81.1	8.15	0.0708	300	8	100	15
10/21/2021	6:30 PM	0	0	0.019	0	81.6	44	57.6	81.1	8.15	0.0708	300	8	100	15
10/21/2021	6:45 PM	0	0	0.032	0	81.5	43	56.8	80.8	8.02	0.0708	300	8	100	15
10/21/2021	7:00 PM	0	0	0.044	0	81.3	43	56.7	80.6	8.02	0.0708	300	8	100	15
10/21/2021	7:15 PM	0	0	0.051	0	81	43	56.4	80.2	8.03	0.0709	299	8	100	15
10/21/2021	7:30 PM	0	0	0.056	0	80.8	43	56.2	80	8.03	0.0709	298	8	100	15
10/21/2021	7:45 PM	0	0	0.061	0	80.5	43	55.9	79.7	8.04	0.071	298	8	100	15
10/21/2021	8:00 PM	0	0	0.059	0	80.3	43	55.8	79.5	8.04	0.071	300	8	100	15
10/21/2021	8:15 PM	0	0	0.061	0	80	44	56.1	79.3	8.15	0.071	300	8	100	15
10/21/2021	8:30 PM	0	0	0.061	0	79.8	44	55.9	79.1	8.15	0.071	299	8	100	15
10/21/2021	8:45 PM	0	0	0.064	0	79.6	44	55.8	78.9	8.16	0.0711	300	8	100	15
10/21/2021	9:00 PM	0	0	0.051	0	79.4	44	55.6	78.7	8.16	0.0711	300	8	100	15
10/21/2021	9:15 PM	0.16	3.37	0.04	0	79.2	44	55.4	78.5	8.17	0.0712	299	8	100	15
10/21/2021	9:30 PM	0	0	0.035	0	78.9	45	55.8	78.3	8.37	0.0712	299	8	100	15
10/21/2021	9:45 PM	0	0	0.037	0	78.8	45	55.7	78.2	8.37	0.0712	299	8	100	15
10/21/2021	10:00 PM	0	0	0.037	0	78.8	46	56.3	78.3	8.47	0.0712	299	8	100	15
10/21/2021	10:15 PM	0	0	0.04	0	78.8	46	56.3	78.3	8.47	0.0712	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/21/2021	10:30 PM	61	61.2	61	96	59.9	0	---	0	0	---	61	61.8	61.8	29.368
10/21/2021	10:45 PM	60.9	61.1	60.9	97	60	0	---	0	0	---	60.9	61.8	61.8	29.37
10/21/2021	11:00 PM	60.9	61	60.9	97	60	0	---	0	0	---	60.9	61.8	61.8	29.374
10/21/2021	11:15 PM	60.8	61	60.8	97	59.9	0	ESE	0	2	ESE	60.8	61.7	61.7	29.369
10/21/2021	11:30 PM	60.5	60.9	60.5	97	59.6	0	SE	0	2	SE	60.5	61.4	61.4	29.368
10/21/2021	11:45 PM	60.3	60.6	60.2	96	59.2	0	E	0	1	E	60.3	61	61	29.361
10/22/2021	12:00 AM	59.6	60.2	59.6	96	58.5	0	---	0	0	---	59.6	60.3	60.3	29.355
10/22/2021	12:15 AM	59.4	59.6	59.4	97	58.5	0	---	0	0	---	59.4	60.1	60.1	29.356
10/22/2021	12:30 AM	59	59.5	59	96	57.9	0	ENE	0	2	ENE	59	59.6	59.6	29.356
10/22/2021	12:45 AM	58.4	59	58.3	97	57.6	0	---	0	0	---	58.4	59	59	29.356
10/22/2021	1:00 AM	58.4	58.5	58.3	98	57.8	0	---	0	0	---	58.4	59.1	59.1	29.346
10/22/2021	1:15 AM	58.3	58.6	58.3	97	57.5	0	---	0	0	---	58.3	58.9	58.9	29.34
10/22/2021	1:30 AM	58	58.3	58	97	57.2	0	---	0	0	---	58	58.6	58.6	29.34
10/22/2021	1:45 AM	58	58	57.9	98	57.4	0	---	0	0	---	58	58.7	58.7	29.336
10/22/2021	2:00 AM	58.3	58.3	57.9	98	57.7	0	---	0	0	---	58.3	59	59	29.333
10/22/2021	2:15 AM	58.8	58.8	58.3	98	58.2	0	---	0	0	---	58.8	59.6	59.6	29.331
10/22/2021	2:30 AM	59.3	59.3	58.8	98	58.7	1	NNW	0.25	5	NNW	59.3	60.1	60.1	29.334
10/22/2021	2:45 AM	58.3	59.3	58.3	93	56.3	2	WNW	0.5	6	W	58.3	58.6	58.6	29.332
10/22/2021	3:00 AM	57.9	58.4	57.8	92	55.6	1	WNW	0.25	6	W	57.9	58.2	58.2	29.331
10/22/2021	3:15 AM	57.4	57.8	57.3	92	55.1	1	W	0.25	4	W	57.4	57.6	57.6	29.333
10/22/2021	3:30 AM	57.1	57.4	57.1	92	54.8	1	SSW	0.25	4	ESE	57.1	57.3	57.3	29.336
10/22/2021	3:45 AM	56.5	57.1	56.5	89	53.3	1	W	0.25	8	WSW	56.5	56.5	56.5	29.336
10/22/2021	4:00 AM	56.1	56.6	56.1	92	53.8	0	N	0	2	SW	56.1	56.3	56.3	29.336
10/22/2021	4:15 AM	55.5	56.1	55.5	93	53.5	0	ENE	0	1	ENE	55.5	55.7	55.7	29.337
10/22/2021	4:30 AM	55	55.5	54.9	95	53.6	1	ESE	0.25	2	ESE	55	55.3	55.3	29.339
10/22/2021	4:45 AM	54.5	54.9	54.5	95	53.1	0	---	0	0	---	54.5	54.8	54.8	29.338
10/22/2021	5:00 AM	54	54.5	54	96	52.9	0	---	0	0	---	54	54.4	54.4	29.337
10/22/2021	5:15 AM	53.9	54	53.8	96	52.8	0	---	0	0	---	53.9	54.3	54.3	29.336
10/22/2021	5:30 AM	53.4	53.9	53.4	96	52.3	0	---	0	0	---	53.4	53.8	53.8	29.334
10/22/2021	5:45 AM	52.5	53.4	52.5	95	51.1	0	---	0	0	---	52.5	52.8	52.8	29.339
10/22/2021	6:00 AM	51.6	52.4	51.6	95	50.2	0	---	0	0	---	51.6	52	52	29.338
10/22/2021	6:15 AM	51.2	51.7	51.1	96	50.1	0	---	0	0	---	51.2	51.6	51.6	29.342
10/22/2021	6:30 AM	51	51.2	51	97	50.2	0	---	0	0	---	51	51.5	51.5	29.344
10/22/2021	6:45 AM	51	51.1	50.9	97	50.2	0	---	0	0	---	51	51.5	51.5	29.346
10/22/2021	7:00 AM	51.2	51.2	51	98	50.7	0	---	0	0	---	51.2	51.7	51.7	29.346
10/22/2021	7:15 AM	51.4	51.4	51.2	98	50.9	0	ESE	0	2	ESE	51.4	51.9	51.9	29.351

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/21/2021	10:30 PM	0.04	0.44	0.042	0	78.8	46	56.3	78.3	8.47	0.0712	300	8	100	15
10/21/2021	10:45 PM	0	0	0.043	0	78.9	46	56.4	78.4	8.47	0.0712	300	8	100	15
10/21/2021	11:00 PM	0	0	0.043	0	78.9	46	56.4	78.4	8.47	0.0712	299	8	100	15
10/21/2021	11:15 PM	0	0	0.044	0	78.9	46	56.4	78.4	8.47	0.0712	299	8	100	15
10/21/2021	11:30 PM	0	0	0.047	0	78.9	46	56.4	78.4	8.47	0.0712	300	8	100	15
10/21/2021	11:45 PM	0	0	0.049	0	78.8	47	56.9	78.4	8.67	0.0712	299	8	100	15
10/22/2021	12:00 AM	0	0	0.056	0	78.7	47	56.8	78.3	8.68	0.0712	300	8	100	15
10/22/2021	12:15 AM	0	0	0.058	0	78.6	47	56.7	78.2	8.68	0.0712	299	8	100	15
10/22/2021	12:30 AM	0	0	0.063	0	78.5	47	56.6	78.1	8.68	0.0712	300	8	100	15
10/22/2021	12:45 AM	0	0	0.069	0	78.3	47	56.4	77.9	8.68	0.0712	300	8	100	15
10/22/2021	1:00 AM	0	0	0.069	0	78.3	47	56.4	77.9	8.68	0.0712	299	8	100	15
10/22/2021	1:15 AM	0	0	0.07	0	78.1	47	56.2	77.7	8.69	0.0712	299	8	100	15
10/22/2021	1:30 AM	0	0	0.073	0	78	47	56.1	77.6	8.69	0.0713	300	8	100	15
10/22/2021	1:45 AM	0	0	0.073	0	77.9	47	56	77.5	8.69	0.0713	300	8	100	15
10/22/2021	2:00 AM	0	0	0.07	0	77.8	47	56	77.4	8.69	0.0713	300	8	100	15
10/22/2021	2:15 AM	0	0	0.065	0	77.8	47	56	77.4	8.69	0.0713	299	8	100	15
10/22/2021	2:30 AM	0	0	0.059	0	77.8	47	56	77.4	8.69	0.0713	298	8	100	15
10/22/2021	2:45 AM	0.01	0	0.07	0	77.7	47	55.9	77.3	8.7	0.0713	299	8	100	15
10/22/2021	3:00 AM	0	0	0.074	0	77.5	47	55.7	77.1	8.7	0.0713	300	8	100	15
10/22/2021	3:15 AM	0	0	0.079	0	77.1	47	55.3	76.7	8.71	0.0714	300	8	100	15
10/22/2021	3:30 AM	0	0	0.082	0	76.8	47	55	76.4	8.71	0.0715	299	8	100	15
10/22/2021	3:45 AM	0	0	0.089	0	76.5	47	54.8	76.1	8.72	0.0715	300	8	100	15
10/22/2021	4:00 AM	0	0	0.093	0	76.2	47	54.5	75.8	8.73	0.0716	299	8	100	15
10/22/2021	4:15 AM	0	0	0.099	0	76	47	54.3	75.6	8.73	0.0716	300	8	100	15
10/22/2021	4:30 AM	0	0	0.104	0	75.8	47	54.1	75.4	8.73	0.0716	299	8	100	15
10/22/2021	4:45 AM	0	0	0.109	0	75.7	47	54	75.3	8.74	0.0716	300	8	100	15
10/22/2021	5:00 AM	0	0	0.115	0	75.5	47	53.9	75.1	8.74	0.0717	299	8	100	15
10/22/2021	5:15 AM	0	0	0.116	0	75.3	48	54.3	75	8.94	0.0717	300	8	100	15
10/22/2021	5:30 AM	0	0	0.121	0	75.2	48	54.2	74.9	8.95	0.0717	300	8	100	15
10/22/2021	5:45 AM	0	0	0.13	0	74.9	47	53.3	74.5	8.75	0.0718	300	8	100	15
10/22/2021	6:00 AM	0	0	0.14	0	74.7	47	53.1	74.3	8.75	0.0718	300	8	100	15
10/22/2021	6:15 AM	0	0	0.144	0	74.4	47	52.9	73.9	8.75	0.0719	299	8	100	15
10/22/2021	6:30 AM	0	0	0.146	0	74.1	47	52.6	73.6	8.75	0.0719	299	8	100	15
10/22/2021	6:45 AM	0	0	0.146	0	73.8	47	52.3	73.3	8.75	0.072	300	8	100	15
10/22/2021	7:00 AM	0	0	0.144	0	73.6	47	52.1	73	8.75	0.072	299	8	100	15
10/22/2021	7:15 AM	0	0	0.142	0	73.5	47	52	72.9	8.75	0.072	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/22/2021	7:30 AM	51.6	51.7	51.3	98	51.1	0	SSE	0	2	SSE	51.6	52.1	52.1	29.361
10/22/2021	7:45 AM	51.6	51.7	51.6	98	51.1	0	---	0	0	---	51.6	52.1	52.1	29.36
10/22/2021	8:00 AM	51.7	51.7	51.6	97	50.9	0	---	0	0	---	51.7	52.2	52.2	29.358
10/22/2021	8:15 AM	51.8	51.8	51.6	97	51	0	---	0	0	---	51.8	52.3	52.3	29.364
10/22/2021	8:30 AM	52	52	51.8	97	51.2	0	---	0	0	---	52	52.5	52.5	29.369
10/22/2021	8:45 AM	52.3	52.4	52	95	50.9	0	---	0	0	---	52.3	52.7	52.7	29.371
10/22/2021	9:00 AM	53	53	52.3	95	51.6	0	---	0	0	---	53	53.3	53.3	29.376
10/22/2021	9:15 AM	53.5	53.5	53	93	51.5	0	---	0	0	---	53.5	53.7	53.7	29.377
10/22/2021	9:30 AM	53.8	53.9	53.4	89	50.6	0	SSW	0	1	SSW	53.8	53.9	53.9	29.38
10/22/2021	9:45 AM	54	54.1	53.8	89	50.8	0	SSW	0	2	SSW	54	54.1	54.1	29.385
10/22/2021	10:00 AM	54.1	54.1	54	89	50.9	0	SSW	0	2	SSW	54.1	54.2	54.2	29.386
10/22/2021	10:15 AM	54.3	54.4	54.1	86	50.2	0	SSW	0	2	SSW	54.3	54.2	54.2	29.391
10/22/2021	10:30 AM	54.8	54.8	54.3	85	50.4	0	SSW	0	2	SSW	54.8	54.6	54.6	29.392
10/22/2021	10:45 AM	55.2	55.2	54.8	82	49.8	0	SSE	0	3	SSE	55.2	54.9	54.9	29.397
10/22/2021	11:00 AM	55.8	55.8	55.2	82	50.4	0	SSE	0	3	SSE	55.8	55.5	55.5	29.395
10/22/2021	11:15 AM	56	56.1	55.7	79	49.6	1	WSW	0.25	3	SW	56	55.6	55.6	29.398
10/22/2021	11:30 AM	56.4	56.5	56	78	49.6	1	W	0.25	3	W	56.4	56	56	29.397
10/22/2021	11:45 AM	56.7	56.7	56.4	78	49.9	1	WSW	0.25	3	WSW	56.7	56.3	56.3	29.395
10/22/2021	12:00 PM	57.2	57.3	56.7	78	50.4	2	SE	0.5	8	WSW	57.2	56.8	56.8	29.399
10/22/2021	12:15 PM	57	57.3	57	78	50.2	2	WSW	0.5	5	SW	57	56.6	56.6	29.397
10/22/2021	12:30 PM	57.7	57.7	56.9	78	50.9	1	ESE	0.25	5	SE	57.7	57.3	57.3	29.391
10/22/2021	12:45 PM	57.3	57.7	57.3	78	50.5	1	W	0.25	4	WSW	57.3	56.9	56.9	29.389
10/22/2021	1:00 PM	57	57.3	57	77	49.9	1	SW	0.25	3	SW	57	56.5	56.5	29.388
10/22/2021	1:15 PM	57.5	57.5	56.9	79	51	0	WSW	0	3	ENE	57.5	57.1	57.1	29.378
10/22/2021	1:30 PM	57.9	58	57.4	75	50	1	WSW	0.25	4	SSW	57.9	57.3	57.3	29.371
10/22/2021	1:45 PM	57.7	57.9	57.7	73	49.1	0	WSW	0	3	SSW	57.7	57	57	29.366
10/22/2021	2:00 PM	57.8	57.8	57.7	74	49.6	0	---	0	0	---	57.8	57.1	57.1	29.36
10/22/2021	2:15 PM	58.1	58.2	57.8	74	49.9	0	NNE	0	2	NNE	58.1	57.4	57.4	29.356
10/22/2021	2:30 PM	58.3	58.3	58	76	50.8	0	NNE	0	2	NNE	58.3	57.8	57.8	29.358
10/22/2021	2:45 PM	59.1	59.1	58.3	74	50.8	1	NNW	0.25	3	NW	59.1	58.4	58.4	29.357
10/22/2021	3:00 PM	59.4	59.5	59.1	71	50	0	SW	0	3	SW	59.4	58.6	58.6	29.355
10/22/2021	3:15 PM	59.6	59.6	59.3	71	50.2	0	NW	0	3	WNW	59.6	58.8	58.8	29.347
10/22/2021	3:30 PM	59.8	59.9	59.6	69	49.6	1	SW	0.25	8	ESE	59.8	58.9	58.9	29.344
10/22/2021	3:45 PM	60.3	60.4	59.8	66	48.9	2	SSW	0.5	10	SSE	60.3	59.3	59.3	29.345
10/22/2021	4:00 PM	61.1	61.1	60.2	64	48.8	1	SW	0.25	7	WNW	61.1	60	60	29.343
10/22/2021	4:15 PM	60.7	61.1	60.7	63	48	3	SW	0.75	8	W	60.7	59.5	59.5	29.342

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/22/2021	7:30 AM	0	0	0.14	0	73.2	47	51.8	72.5	8.75	0.0721	300	8	100	15
10/22/2021	7:45 AM	0	0	0.14	0	73.1	47	51.7	72.4	8.75	0.0721	300	8	100	15
10/22/2021	8:00 AM	0	0	0.139	0	73	47	51.6	72.3	8.75	0.0721	299	8	100	15
10/22/2021	8:15 AM	0	0	0.138	0	72.8	48	52	72.1	8.91	0.0722	300	8	100	15
10/22/2021	8:30 AM	0	0	0.135	0	72.7	48	51.9	71.9	8.9	0.0722	299	8	100	15
10/22/2021	8:45 AM	0	0	0.132	0	72.8	48	52	72.1	8.91	0.0722	300	8	100	15
10/22/2021	9:00 AM	0	0	0.125	0	72.9	48	52.1	72.2	8.91	0.0722	300	8	100	15
10/22/2021	9:15 AM	0	0	0.12	0	73	48	52.1	72.3	8.91	0.0722	300	8	100	15
10/22/2021	9:30 AM	0	0	0.117	0	73.1	48	52.2	72.5	8.91	0.0722	299	8	100	15
10/22/2021	9:45 AM	0	0	0.115	0	73.3	48	52.4	72.7	8.92	0.0721	299	8	100	15
10/22/2021	10:00 AM	0	0	0.114	0	73.4	48	52.5	72.8	8.92	0.0721	300	8	100	15
10/22/2021	10:15 AM	0	0	0.111	0	73.5	48	52.6	73	8.92	0.0721	299	8	100	15
10/22/2021	10:30 AM	0	0	0.106	0	73.5	48	52.6	73	8.92	0.0721	300	8	100	15
10/22/2021	10:45 AM	0	0	0.102	0	73.6	48	52.7	73.1	8.92	0.0721	300	8	100	15
10/22/2021	11:00 AM	0	0	0.096	0	73.8	48	52.9	73.3	8.93	0.0721	300	8	100	15
10/22/2021	11:15 AM	0	0	0.094	0	74.1	48	53.2	73.7	8.93	0.072	298	8	100	15
10/22/2021	11:30 AM	0	0	0.09	0	74.3	48	53.3	73.9	8.94	0.072	298	8	100	15
10/22/2021	11:45 AM	0	0	0.086	0	74.6	48	53.6	74.3	8.94	0.0719	299	8	100	15
10/22/2021	12:00 PM	0	0	0.081	0	74.8	48	53.8	74.5	8.95	0.0719	300	8	100	15
10/22/2021	12:15 PM	0	0	0.083	0	75	47	53.4	74.6	8.75	0.0719	299	8	100	15
10/22/2021	12:30 PM	0	0	0.076	0	75.1	47	53.5	74.7	8.75	0.0719	300	8	100	15
10/22/2021	12:45 PM	0	0	0.08	0	75.3	47	53.7	74.9	8.74	0.0718	300	8	100	15
10/22/2021	1:00 PM	0	0	0.083	0	75.4	47	53.8	75	8.74	0.0718	300	8	100	15
10/22/2021	1:15 PM	0	0	0.078	0	75.5	47	53.9	75.1	8.74	0.0718	300	8	100	15
10/22/2021	1:30 PM	0	0	0.074	0	75.7	46	53.4	75.2	8.54	0.0717	299	8	100	15
10/22/2021	1:45 PM	0	0	0.076	0	75.8	46	53.5	75.3	8.53	0.0717	300	8	100	15
10/22/2021	2:00 PM	0	0	0.075	0	76	46	53.7	75.5	8.53	0.0717	300	8	100	15
10/22/2021	2:15 PM	0	0	0.072	0	76.2	46	53.9	75.7	8.53	0.0716	300	8	100	15
10/22/2021	2:30 PM	0	0	0.07	0	76.2	46	53.9	75.7	8.53	0.0716	300	8	100	15
10/22/2021	2:45 PM	0	0	0.061	0	76.4	46	54.1	75.9	8.52	0.0716	300	8	100	15
10/22/2021	3:00 PM	0	0	0.058	0	76.6	46	54.3	76.1	8.52	0.0716	299	8	100	15
10/22/2021	3:15 PM	0	0	0.056	0	76.8	45	53.8	76.2	8.41	0.0715	300	8	100	15
10/22/2021	3:30 PM	0	0	0.054	0	77	45	54	76.4	8.41	0.0715	300	8	100	15
10/22/2021	3:45 PM	0	0	0.049	0	77.2	45	54.2	76.6	8.41	0.0715	300	8	100	15
10/22/2021	4:00 PM	0	0	0.041	0	77.4	45	54.4	76.8	8.4	0.0714	300	8	100	15
10/22/2021	4:15 PM	0	0	0.045	0	77.7	45	54.7	77	8.4	0.0714	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/22/2021	4:30 PM	60	60.7	60	64	47.8	2	SW	0.5	6	W	60	58.8	58.8	29.345
10/22/2021	4:45 PM	60.1	60.1	59.9	65	48.3	2	WSW	0.5	5	WSW	60.1	59	59	29.344
10/22/2021	5:00 PM	60.1	60.2	60	67	49.1	1	WSW	0.25	7	WSW	60.1	59.1	59.1	29.343
10/22/2021	5:15 PM	59.6	60.2	59.6	67	48.6	1	WSW	0.25	5	SW	59.6	58.6	58.6	29.344
10/22/2021	5:30 PM	59.1	59.6	59	74	50.8	1	WSW	0.25	4	SSW	59.1	58.4	58.4	29.342
10/22/2021	5:45 PM	58.8	59.1	58.8	71	49.4	1	WSW	0.25	4	WSW	58.8	58	58	29.343
10/22/2021	6:00 PM	58.6	58.8	58.6	79	52.1	0	WSW	0	2	NNW	58.6	58.3	58.3	29.344
10/22/2021	6:15 PM	57.9	58.6	57.8	73	49.3	1	W	0.25	4	WSW	57.9	57.2	57.2	29.348
10/22/2021	6:30 PM	57.5	57.9	57.5	74	49.3	1	WSW	0.25	4	SW	57.5	56.8	56.8	29.351
10/22/2021	6:45 PM	57.1	57.5	57.1	75	49.2	0	W	0	4	WNW	57.1	56.5	56.5	29.351
10/22/2021	7:00 PM	56.7	57.1	56.6	74	48.5	1	SW	0.25	6	SW	56.7	56	56	29.358
10/22/2021	7:15 PM	56.1	56.7	56	75	48.3	1	WSW	0.25	4	NW	56.1	55.5	55.5	29.362
10/22/2021	7:30 PM	56	56.1	55.9	75	48.2	1	WSW	0.25	7	W	56	55.4	55.4	29.363
10/22/2021	7:45 PM	55.8	56	55.8	77	48.7	0	WSW	0	5	SW	55.8	55.3	55.3	29.369
10/22/2021	8:00 PM	55.7	55.8	55.7	76	48.2	1	WSW	0.25	4	WSW	55.7	55.2	55.2	29.371
10/22/2021	8:15 PM	55.6	55.7	55.5	75	47.8	1	W	0.25	3	WSW	55.6	55	55	29.375
10/22/2021	8:30 PM	55.4	55.6	55.4	76	48	1	SW	0.25	2	W	55.4	54.9	54.9	29.379
10/22/2021	8:45 PM	55.3	55.5	55.3	75	47.5	1	WSW	0.25	4	SW	55.3	54.7	54.7	29.386
10/22/2021	9:00 PM	55.3	55.4	55.3	75	47.5	2	SW	0.5	5	WSW	55.3	54.7	54.7	29.39
10/22/2021	9:15 PM	55.1	55.4	55.1	79	48.7	1	SW	0.25	6	W	55.1	54.7	54.7	29.389
10/22/2021	9:30 PM	54.7	55.1	54.7	76	47.3	0	SSW	0	2	S	54.7	54.2	54.2	29.388
10/22/2021	9:45 PM	54.5	54.7	54.4	77	47.4	1	WSW	0.25	4	WSW	54.5	54	54	29.387
10/22/2021	10:00 PM	54.3	54.5	54.3	75	46.5	1	WSW	0.25	4	SW	54.3	53.7	53.7	29.392
10/22/2021	10:15 PM	54	54.3	54	79	47.6	0	W	0	3	E	54	53.6	53.6	29.393
10/22/2021	10:30 PM	53.5	54	53.5	82	48.1	0	ESE	0	3	E	53.5	53.3	53.3	29.392
10/22/2021	10:45 PM	53.2	53.5	53.2	83	48.2	0	ESE	0	1	ESE	53.2	53	53	29.396
10/22/2021	11:00 PM	53	53.2	52.9	81	47.3	0	ESE	0	2	ESE	53	52.7	52.7	29.397
10/22/2021	11:15 PM	52.9	53	52.9	81	47.2	0	ESE	0	2	ESE	52.9	52.7	52.7	29.398
10/22/2021	11:30 PM	53.1	53.1	52.9	80	47.1	1	SW	0.25	5	SSW	53.1	52.8	52.8	29.395
10/22/2021	11:45 PM	53	53.1	52.9	81	47.3	0	W	0	3	W	53	52.7	52.7	29.391
10/23/2021	12:00 AM	52.7	53	52.7	83	47.7	0	NE	0	1	W	52.7	52.5	52.5	29.391
10/23/2021	12:15 AM	52.6	52.7	52.5	80	46.6	0	WSW	0	3	SW	52.6	52.3	52.3	29.391
10/23/2021	12:30 AM	52.6	52.7	52.6	79	46.3	1	WSW	0.25	3	WSW	52.6	52.3	52.3	29.39
10/23/2021	12:45 AM	52.5	52.6	52.5	82	47.2	0	WSW	0	2	W	52.5	52.3	52.3	29.389
10/23/2021	1:00 AM	52.3	52.6	52.3	82	47	0	---	0	0	---	52.3	52.2	52.2	29.384
10/23/2021	1:15 AM	52.2	52.3	52.2	81	46.5	0	WSW	0	2	W	52.2	52	52	29.386

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/22/2021	4:30 PM	0	0	0.052	0	77.8	44	54.1	77	8.19	0.0714	299	8	100	15
10/22/2021	4:45 PM	0	0	0.051	0	78	44	54.3	77.2	8.19	0.0713	300	8	100	15
10/22/2021	5:00 PM	0	0	0.051	0	78	44	54.3	77.2	8.19	0.0713	300	8	100	15
10/22/2021	5:15 PM	0	0	0.056	0	78.1	43	53.8	77.2	8.05	0.0713	300	8	100	15
10/22/2021	5:30 PM	0	0	0.061	0	78	43	53.7	77.1	8.05	0.0714	299	8	100	15
10/22/2021	5:45 PM	0	0	0.065	0	78	43	53.7	77.1	8.05	0.0714	300	8	100	15
10/22/2021	6:00 PM	0	0	0.067	0	77.9	42	53	76.9	7.89	0.0714	300	8	100	15
10/22/2021	6:15 PM	0	0	0.074	0	77.7	42	52.8	76.7	7.9	0.0714	298	8	100	15
10/22/2021	6:30 PM	0	0	0.078	0	77.5	42	52.6	76.6	7.9	0.0715	299	8	100	15
10/22/2021	6:45 PM	0	0	0.082	0	77.2	42	52.3	76.3	7.91	0.0715	300	8	100	15
10/22/2021	7:00 PM	0	0	0.086	0	77	42	52.1	76.1	7.91	0.0716	300	8	100	15
10/22/2021	7:15 PM	0	0	0.093	0	76.7	42	51.9	75.8	7.92	0.0716	299	8	100	15
10/22/2021	7:30 PM	0	0	0.094	0	76.3	41	50.9	75.3	7.75	0.0717	300	8	100	15
10/22/2021	7:45 PM	0	0	0.096	0	76	42	51.2	75.1	7.93	0.0718	300	8	100	15
10/22/2021	8:00 PM	0	0	0.097	0	75.8	42	51.1	74.9	7.93	0.0718	300	8	100	15
10/22/2021	8:15 PM	0	0	0.098	0	75.5	42	50.8	74.6	7.94	0.0719	299	8	100	15
10/22/2021	8:30 PM	0	0	0.1	0	75.4	42	50.7	74.5	7.94	0.0719	300	8	100	15
10/22/2021	8:45 PM	0	0	0.101	0	75.2	42	50.5	74.3	7.95	0.072	300	8	100	15
10/22/2021	9:00 PM	0	0	0.101	0	74.9	41	49.6	73.9	7.75	0.072	297	8	100	15
10/22/2021	9:15 PM	0	0	0.103	0	74.7	41	49.4	73.7	7.76	0.0721	300	8	100	15
10/22/2021	9:30 PM	0	0	0.107	0	74.5	42	49.9	73.6	7.96	0.0721	300	8	100	15
10/22/2021	9:45 PM	0	0	0.109	0	74.3	42	49.7	73.3	7.96	0.0721	300	8	100	15
10/22/2021	10:00 PM	0	0	0.111	0	74.1	42	49.5	73.1	7.97	0.0721	300	8	100	15
10/22/2021	10:15 PM	0	0	0.115	0	74	42	49.4	73	7.97	0.0722	299	8	100	15
10/22/2021	10:30 PM	0	0	0.12	0	73.8	42	49.3	72.8	7.97	0.0722	300	8	100	15
10/22/2021	10:45 PM	0	0	0.123	0	73.6	42	49.1	72.5	7.98	0.0722	300	8	100	15
10/22/2021	11:00 PM	0	0	0.125	0	73.5	42	49	72.4	7.98	0.0723	300	8	100	15
10/22/2021	11:15 PM	0	0	0.126	0	73.4	42	48.9	72.3	7.98	0.0723	299	8	100	15
10/22/2021	11:30 PM	0	0	0.124	0	73.3	42	48.8	72.2	7.98	0.0723	299	8	100	15
10/22/2021	11:45 PM	0	0	0.125	0	73.2	42	48.7	72.1	7.99	0.0723	300	8	100	15
10/23/2021	12:00 AM	0	0	0.128	0	73	42	48.5	71.9	7.99	0.0723	299	8	100	15
10/23/2021	12:15 AM	0	0	0.129	0	73	42	48.5	71.9	7.99	0.0723	300	8	100	15
10/23/2021	12:30 AM	0	0	0.129	0	72.9	42	48.5	71.7	7.99	0.0723	299	8	100	15
10/23/2021	12:45 AM	0	0	0.13	0	72.8	42	48.4	71.6	7.99	0.0724	298	8	100	15
10/23/2021	1:00 AM	0	0	0.132	0	72.7	42	48.3	71.4	8	0.0724	300	8	100	15
10/23/2021	1:15 AM	0	0	0.133	0	72.7	42	48.3	71.4	8	0.0724	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/23/2021	1:30 AM	52.1	52.3	52.1	81	46.4	1	WSW	0.25	3	W	52.1	51.9	51.9	29.385
10/23/2021	1:45 AM	52	52.2	52	81	46.3	1	WSW	0.25	3	WSW	52	51.8	51.8	29.382
10/23/2021	2:00 AM	51.9	52.1	51.9	82	46.6	0	SW	0	1	SW	51.9	51.8	51.8	29.384
10/23/2021	2:15 AM	51.9	51.9	51.8	82	46.6	0	SW	0	3	SW	51.9	51.8	51.8	29.379
10/23/2021	2:30 AM	51.7	51.9	51.7	82	46.4	1	SSW	0.25	3	WSW	51.7	51.6	51.6	29.379
10/23/2021	2:45 AM	51.6	51.8	51.6	83	46.6	0	W	0	2	W	51.6	51.5	51.5	29.382
10/23/2021	3:00 AM	51.5	51.6	51.5	82	46.2	0	W	0	3	WNW	51.5	51.4	51.4	29.376
10/23/2021	3:15 AM	51.4	51.5	51.4	83	46.4	0	W	0	2	W	51.4	51.3	51.3	29.38
10/23/2021	3:30 AM	51.3	51.4	51.3	83	46.3	0	S	0	2	SSW	51.3	51.2	51.2	29.385
10/23/2021	3:45 AM	51.2	51.3	51.2	82	45.9	0	SW	0	3	SW	51.2	51.1	51.1	29.386
10/23/2021	4:00 AM	51	51.2	51	82	45.7	1	SW	0.25	3	SE	51	50.9	50.9	29.38
10/23/2021	4:15 AM	50.9	51.1	50.9	83	45.9	1	WSW	0.25	4	WSW	50.9	50.8	50.8	29.385
10/23/2021	4:30 AM	50.8	50.9	50.8	83	45.8	1	WSW	0.25	3	WNW	50.8	50.7	50.7	29.387
10/23/2021	4:45 AM	50.7	50.8	50.6	83	45.7	1	WSW	0.25	4	WSW	50.7	50.7	50.7	29.389
10/23/2021	5:00 AM	50.6	50.7	50.6	83	45.6	2	WSW	0.5	6	SW	50.6	50.6	50.6	29.388
10/23/2021	5:15 AM	50.4	50.6	50.4	83	45.4	1	WSW	0.25	3	WSW	50.4	50.4	50.4	29.394
10/23/2021	5:30 AM	50.3	50.5	50.3	84	45.6	1	SW	0.25	4	SW	50.3	50.3	50.3	29.398
10/23/2021	5:45 AM	50.3	50.4	50.2	84	45.6	1	SW	0.25	4	SW	50.3	50.3	50.3	29.404
10/23/2021	6:00 AM	50.2	50.3	50.1	84	45.6	2	W	0.5	8	WNW	50.2	50.3	50.3	29.412
10/23/2021	6:15 AM	50.1	50.2	50.1	83	45.1	1	W	0.25	6	WNW	50.1	50.1	50.1	29.421
10/23/2021	6:30 AM	49.9	50.1	49.9	84	45.3	1	SW	0.25	4	SW	49.9	50	50	29.42
10/23/2021	6:45 AM	50	50	49.9	82	44.7	2	SW	0.5	7	SW	50	50	50	29.43
10/23/2021	7:00 AM	49.9	50	49.9	83	44.9	0	SW	0	3	SW	49.9	50	50	29.427
10/23/2021	7:15 AM	49.9	49.9	49.8	82	44.6	0	SSE	0	2	SSE	49.9	49.9	49.9	29.431
10/23/2021	7:30 AM	49.8	49.9	49.8	83	44.8	0	SSW	0	3	SSW	49.8	49.9	49.9	29.435
10/23/2021	7:45 AM	49.7	49.9	49.7	83	44.7	0	SSE	0	3	SSE	49.7	49.7	49.7	29.435
10/23/2021	8:00 AM	49.6	49.8	49.6	83	44.6	1	SE	0.25	2	SSE	49.6	49.6	49.6	29.439
10/23/2021	8:15 AM	49.2	49.6	49.2	84	44.6	0	---	0	0	---	49.2	49.3	49.3	29.454
10/23/2021	8:30 AM	48.8	49.2	48.7	87	45.1	0	---	0	0	---	48.8	49	49	29.461
10/23/2021	8:45 AM	49.4	49.4	48.7	87	45.7	0	---	0	0	---	49.4	49.6	49.6	29.469
10/23/2021	9:00 AM	50	50	49.3	85	45.7	0	---	0	0	---	50	50.1	50.1	29.471
10/23/2021	9:15 AM	51.5	51.5	50	82	46.2	0	SW	0	4	E	51.5	51.4	51.4	29.474
10/23/2021	9:30 AM	51.7	51.8	51.5	80	45.7	1	WSW	0.25	4	WSW	51.7	51.5	51.5	29.476
10/23/2021	9:45 AM	52.9	52.9	51.7	79	46.6	2	SW	0.5	5	SW	52.9	52.6	52.6	29.479
10/23/2021	10:00 AM	53.8	53.9	53	76	46.4	2	SW	0.5	7	ESE	53.8	53.3	53.3	29.48
10/23/2021	10:15 AM	52.6	53.8	52.6	77	45.6	2	SW	0.5	5	WSW	52.6	52.2	52.2	29.486

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/23/2021	1:30 AM	0	0	0.134	0	72.6	42	48.2	71.3	8	0.0724	300	8	100	15
10/23/2021	1:45 AM	0	0	0.135	0	72.5	42	48.1	71.1	8	0.0724	300	8	100	15
10/23/2021	2:00 AM	0	0	0.136	0	72.3	42	47.9	70.8	8	0.0724	300	8	100	15
10/23/2021	2:15 AM	0	0	0.136	0	72.2	42	47.8	70.7	8.01	0.0724	298	8	100	15
10/23/2021	2:30 AM	0	0	0.139	0	72.1	42	47.7	70.5	8.01	0.0724	299	8	100	15
10/23/2021	2:45 AM	0	0	0.14	0	72	42	47.6	70.4	8.01	0.0725	300	8	100	15
10/23/2021	3:00 AM	0	0	0.141	0	71.9	42	47.6	70.2	8.01	0.0725	300	8	100	15
10/23/2021	3:15 AM	0	0	0.142	0	71.9	42	47.6	70.2	8.01	0.0725	300	8	100	15
10/23/2021	3:30 AM	0	0	0.143	0	71.8	42	47.5	70.1	8.01	0.0725	300	8	100	15
10/23/2021	3:45 AM	0	0	0.144	0	71.7	42	47.4	69.9	8.02	0.0725	299	8	100	15
10/23/2021	4:00 AM	0	0	0.146	0	71.6	42	47.3	69.8	8.02	0.0725	300	8	100	15
10/23/2021	4:15 AM	0	0	0.147	0	71.5	42	47.2	69.7	8.02	0.0726	300	8	100	15
10/23/2021	4:30 AM	0	0	0.148	0	71.3	42	47	69.4	8.02	0.0726	299	8	100	15
10/23/2021	4:45 AM	0	0	0.149	0	71.2	42	46.9	69.2	8.03	0.0726	300	8	100	15
10/23/2021	5:00 AM	0	0	0.15	0	71	41	46.1	68.9	7.91	0.0727	299	8	100	15
10/23/2021	5:15 AM	0	0	0.152	0	70.7	41	45.8	68.5	7.92	0.0727	299	8	100	15
10/23/2021	5:30 AM	0	0	0.153	0	70.4	41	45.6	68.1	7.93	0.0728	299	8	100	15
10/23/2021	5:45 AM	0	0	0.153	0	70.2	42	46	67.9	8.05	0.0728	300	8	100	15
10/23/2021	6:00 AM	0	0	0.154	0	70.1	42	45.9	67.8	8.05	0.0729	300	8	100	15
10/23/2021	6:15 AM	0	0	0.155	0	69.9	42	45.8	67.6	8.05	0.0729	300	8	100	15
10/23/2021	6:30 AM	0	0	0.157	0	69.8	42	45.7	67.5	8.05	0.0729	300	8	100	15
10/23/2021	6:45 AM	0	0	0.156	0	69.6	42	45.5	67.3	8.06	0.073	300	8	100	15
10/23/2021	7:00 AM	0	0	0.157	0	69.5	42	45.4	67.2	8.06	0.073	299	8	100	15
10/23/2021	7:15 AM	0	0	0.157	0	69.5	42	45.4	67.2	8.06	0.073	300	8	100	15
10/23/2021	7:30 AM	0	0	0.158	0	69.5	42	45.4	67.2	8.06	0.073	300	8	100	15
10/23/2021	7:45 AM	0	0	0.159	0	69.5	42	45.4	67.2	8.06	0.073	300	8	100	15
10/23/2021	8:00 AM	0	0	0.16	0	69.5	42	45.4	67.2	8.06	0.073	276	8	94.8	15
10/23/2021	8:15 AM	0	0	0.165	0	69.6	42	45.5	67.3	8.06	0.073	214	8	73.5	15
10/23/2021	8:30 AM	0	0	0.169	0	69.6	42	45.5	67.3	8.06	0.0731	300	8	100	15
10/23/2021	8:45 AM	0	0	0.162	0	69.6	42	45.5	67.3	8.06	0.0731	299	8	100	15
10/23/2021	9:00 AM	0	0	0.156	0	69.7	42	45.6	67.4	8.06	0.0731	299	8	100	15
10/23/2021	9:15 AM	0	0	0.141	0	69.7	42	45.6	67.4	8.06	0.0731	300	8	100	15
10/23/2021	9:30 AM	0	0	0.139	0	69.8	42	45.7	67.5	8.05	0.0731	300	8	100	15
10/23/2021	9:45 AM	0	0	0.126	0	69.7	42	45.6	67.4	8.06	0.0731	300	8	100	15
10/23/2021	10:00 AM	0	0	0.117	0	69.8	42	45.7	67.5	8.05	0.0731	300	8	100	15
10/23/2021	10:15 AM	0	0	0.129	0	69.9	43	46.4	67.6	8.25	0.0731	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/23/2021	10:30 AM	52.6	52.6	52.4	76	45.2	2	W	0.5	6	W	52.6	52.2	52.2	29.489
10/23/2021	10:45 AM	52.9	52.9	52.5	74	44.8	2	WSW	0.5	5	WSW	52.9	52.4	52.4	29.483
10/23/2021	11:00 AM	53.5	53.5	52.9	73	45.1	2	WSW	0.5	8	SW	53.5	52.9	52.9	29.484
10/23/2021	11:15 AM	54.4	54.5	53.5	72	45.6	2	SSW	0.5	8	W	54.4	53.7	53.7	29.478
10/23/2021	11:30 AM	55.9	56	54.4	70	46.3	3	SE	0.75	8	SE	55.9	55	55	29.479
10/23/2021	11:45 AM	57.3	57.3	56	68	46.8	2	SW	0.5	7	SW	57.3	56.3	56.3	29.479
10/23/2021	12:00 PM	56.1	57.6	56	67	45.3	2	W	0.5	7	SSW	56.1	55.1	55.1	29.48
10/23/2021	12:15 PM	55.8	56	55.4	69	45.8	2	WNW	0.5	7	SE	55.8	54.9	54.9	29.468
10/23/2021	12:30 PM	56.8	57	55.8	66	45.6	3	SW	0.75	10	SW	56.8	55.7	55.7	29.464
10/23/2021	12:45 PM	57.7	57.7	56.2	65	46	2	WNW	0.5	7	SW	57.7	56.6	56.6	29.468
10/23/2021	1:00 PM	58.5	58.5	57.7	63	45.9	2	SW	0.5	7	SW	58.5	57.3	57.3	29.465
10/23/2021	1:15 PM	58.3	58.8	58.3	62	45.3	2	SW	0.5	7	W	58.3	57	57	29.459
10/23/2021	1:30 PM	58.7	58.7	58.1	62	45.7	3	SW	0.75	11	SW	58.7	57.4	57.4	29.449
10/23/2021	1:45 PM	59	59.1	58.7	58	44.2	4	SW	1	9	E	59	57.5	57.5	29.438
10/23/2021	2:00 PM	60.2	60.2	59	60	46.3	2	W	0.5	9	WNW	60.2	58.8	58.8	29.433
10/23/2021	2:15 PM	60.2	60.4	60.1	58	45.4	3	WSW	0.75	7	W	60.2	58.7	58.7	29.434
10/23/2021	2:30 PM	61	61	60.2	57	45.7	3	SW	0.75	7	WSW	61	59.4	59.4	29.431
10/23/2021	2:45 PM	61.3	61.3	60.9	62	48.2	2	W	0.5	7	E	61.3	60.1	60.1	29.421
10/23/2021	3:00 PM	61	61.5	61	56	45.2	2	WSW	0.5	7	WSW	61	59.4	59.4	29.415
10/23/2021	3:15 PM	61.6	61.6	60.9	55	45.3	2	W	0.5	4	W	61.6	60	60	29.402
10/23/2021	3:30 PM	62.7	62.7	61.6	54	45.8	1	SE	0.25	4	SSE	62.7	61.1	61.1	29.405
10/23/2021	3:45 PM	62.8	63.1	62.7	54	45.9	2	WSW	0.5	7	ESE	62.8	61.2	61.2	29.411
10/23/2021	4:00 PM	62	62.9	61.9	54	45.2	3	W	0.75	8	SE	62	60.3	60.3	29.412
10/23/2021	4:15 PM	61.6	61.9	61.4	56	45.7	2	ESE	0.5	8	WSW	61.6	60	60	29.409
10/23/2021	4:30 PM	61.7	61.7	61.5	55	45.4	1	WSW	0.25	5	SW	61.7	60.1	60.1	29.411
10/23/2021	4:45 PM	61.8	61.8	61.6	55	45.5	1	SE	0.25	5	SE	61.8	60.2	60.2	29.402
10/23/2021	5:00 PM	61.4	61.8	61.3	53	44.1	2	WSW	0.5	5	WSW	61.4	59.6	59.6	29.399
10/23/2021	5:15 PM	61.6	61.6	61.4	54	44.8	1	WSW	0.25	4	WSW	61.6	59.9	59.9	29.397
10/23/2021	5:30 PM	60.9	61.6	60.9	56	45.1	1	ESE	0.25	4	SSE	60.9	59.3	59.3	29.397
10/23/2021	5:45 PM	59.3	60.9	59.3	70	49.5	1	SE	0.25	3	ESE	59.3	58.4	58.4	29.405
10/23/2021	6:00 PM	58.2	59.2	58.1	72	49.2	1	SE	0.25	3	SE	58.2	57.4	57.4	29.406
10/23/2021	6:15 PM	57.7	58.1	57.7	71	48.4	0	SE	0	1	SE	57.7	56.9	56.9	29.422
10/23/2021	6:30 PM	57.4	57.8	57.4	73	48.8	0	---	0	0	---	57.4	56.7	56.7	29.416
10/23/2021	6:45 PM	57.1	57.4	57	75	49.2	0	---	0	0	---	57.1	56.5	56.5	29.413
10/23/2021	7:00 PM	56.6	57.1	56.6	77	49.5	0	---	0	0	---	56.6	56.1	56.1	29.41
10/23/2021	7:15 PM	56.4	56.7	56.4	77	49.3	0	---	0	0	---	56.4	55.9	55.9	29.407

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/23/2021	10:30 AM	0	0	0.129	0	70	43	46.5	67.7	8.25	0.073	300	8	100	15
10/23/2021	10:45 AM	0	0	0.126	0	70.3	43	46.7	68.1	8.24	0.073	214	8	73.5	15
10/23/2021	11:00 AM	0	0	0.12	0	70.4	43	46.8	68.3	8.23	0.073	300	8	100	15
10/23/2021	11:15 AM	0	0	0.11	0	70.6	43	47	68.5	8.23	0.0729	300	8	100	15
10/23/2021	11:30 AM	0	0	0.095	0	70.8	43	47.2	68.8	8.22	0.0729	300	8	100	15
10/23/2021	11:45 AM	0	0	0.08	0	71.1	43	47.5	69.2	8.21	0.0728	300	8	100	15
10/23/2021	12:00 PM	0	0	0.093	0	71.4	43	47.7	69.6	8.19	0.0728	300	8	100	15
10/23/2021	12:15 PM	0	0	0.096	0	71.6	43	47.9	69.9	8.19	0.0727	300	8	100	15
10/23/2021	12:30 PM	0	0	0.085	0	71.9	43	48.2	70.3	8.17	0.0727	300	8	100	15
10/23/2021	12:45 PM	0	0	0.076	0	72.2	43	48.5	70.7	8.16	0.0726	299	8	100	15
10/23/2021	1:00 PM	0	0	0.068	0	72.5	43	48.7	71.2	8.15	0.0726	299	8	100	15
10/23/2021	1:15 PM	0	0	0.07	0	72.9	42	48.5	71.7	7.99	0.0725	300	8	100	15
10/23/2021	1:30 PM	0	0	0.066	0	73.3	42	48.8	72.2	7.98	0.0724	300	8	100	15
10/23/2021	1:45 PM	0	0	0.063	0	73.7	42	49.2	72.7	7.98	0.0723	300	8	100	15
10/23/2021	2:00 PM	0	0	0.05	0	74.1	43	50.2	73.2	8.09	0.0722	299	8	100	15
10/23/2021	2:15 PM	0	0	0.05	0	75.2	43	51.2	74.4	8.05	0.0721	300	8	100	15
10/23/2021	2:30 PM	0	0	0.042	0	76.5	44	53	75.8	8.22	0.0718	298	8	100	15
10/23/2021	2:45 PM	0	0	0.039	0	78.5	44	54.8	77.7	8.18	0.0714	300	8	100	15
10/23/2021	3:00 PM	0	0	0.042	0	80.4	42	55.2	79.4	7.85	0.0712	300	8	100	15
10/23/2021	3:15 PM	0	0	0.035	0	81.8	41	55.8	80.8	7.71	0.0709	300	8	100	15
10/23/2021	3:30 PM	0	0	0.024	0	82.9	40	56.1	81.9	7.55	0.0708	299	8	100	15
10/23/2021	3:45 PM	0	0	0.023	0	83.5	38	55.2	82.3	7.25	0.0707	300	8	100	15
10/23/2021	4:00 PM	0	0	0.031	0	83.4	37	54.4	82	7.08	0.0708	300	8	100	15
10/23/2021	4:15 PM	0	0	0.035	0	83	37	54	81.6	7.09	0.0709	300	8	100	15
10/23/2021	4:30 PM	0	0	0.034	0	82.8	37	53.9	81.4	7.09	0.0709	300	8	100	15
10/23/2021	4:45 PM	0	0	0.033	0	82.6	36	52.9	81	6.85	0.0709	299	8	100	15
10/23/2021	5:00 PM	0	0	0.037	0	82.3	36	52.7	80.7	6.86	0.071	299	8	100	15
10/23/2021	5:15 PM	0	0	0.035	0	82	36	52.4	80.4	6.87	0.071	300	8	100	15
10/23/2021	5:30 PM	0	0	0.043	0	81.8	35	51.5	80.1	6.78	0.0711	299	8	100	15
10/23/2021	5:45 PM	0	0	0.059	0	81.5	35	51.2	79.8	6.79	0.0711	300	8	100	15
10/23/2021	6:00 PM	0	0	0.071	0	81.1	35	50.9	79.4	6.81	0.0712	299	8	100	15
10/23/2021	6:15 PM	0	0	0.076	0	80.6	35	50.4	78.9	6.83	0.0713	300	8	100	15
10/23/2021	6:30 PM	0	0	0.079	0	80.2	35	50.1	78.5	6.84	0.0714	300	8	100	15
10/23/2021	6:45 PM	0	0	0.082	0	79.9	35	49.8	78.2	6.85	0.0714	300	8	100	15
10/23/2021	7:00 PM	0	0	0.088	0	79.5	35	49.4	77.9	6.86	0.0715	300	8	100	15
10/23/2021	7:15 PM	0	0	0.09	0	79.2	35	49.2	77.6	6.87	0.0715	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/23/2021	7:30 PM	56.1	56.4	56.1	79	49.7	0	---	0	0	---	56.1	55.7	55.7	29.409
10/23/2021	7:45 PM	56	56.1	55.9	79	49.6	0	---	0	0	---	56	55.6	55.6	29.411
10/23/2021	8:00 PM	55.8	56	55.8	79	49.4	0	---	0	0	---	55.8	55.4	55.4	29.407
10/23/2021	8:15 PM	55.6	55.9	55.6	80	49.5	0	---	0	0	---	55.6	55.3	55.3	29.414
10/23/2021	8:30 PM	55.5	55.6	55.5	80	49.4	0	---	0	0	---	55.5	55.2	55.2	29.415
10/23/2021	8:45 PM	55.3	55.5	55.3	81	49.6	0	---	0	0	---	55.3	55	55	29.412
10/23/2021	9:00 PM	55.2	55.4	55.2	80	49.1	0	---	0	0	---	55.2	54.9	54.9	29.412
10/23/2021	9:15 PM	55.1	55.3	55.1	82	49.7	0	---	0	0	---	55.1	54.8	54.8	29.412
10/23/2021	9:30 PM	55	55.1	54.9	83	49.9	0	---	0	0	---	55	54.8	54.8	29.411
10/23/2021	9:45 PM	54.9	55	54.9	83	49.8	0	---	0	0	---	54.9	54.7	54.7	29.418
10/23/2021	10:00 PM	54.6	55	54.6	84	49.9	0	---	0	0	---	54.6	54.4	54.4	29.426
10/23/2021	10:15 PM	53.9	54.6	53.9	84	49.2	0	---	0	0	---	53.9	53.8	53.8	29.43
10/23/2021	10:30 PM	52.7	53.9	52.7	85	48.3	0	---	0	0	---	52.7	52.6	52.6	29.434
10/23/2021	10:45 PM	51.7	52.7	51.7	86	47.6	0	---	0	0	---	51.7	51.7	51.7	29.441
10/23/2021	11:00 PM	51	51.7	51	89	47.9	0	---	0	0	---	51	51.2	51.2	29.443
10/23/2021	11:15 PM	51.2	51.2	51	90	48.4	0	---	0	0	---	51.2	51.4	51.4	29.437
10/23/2021	11:30 PM	51.3	51.4	51.2	90	48.5	0	---	0	0	---	51.3	51.5	51.5	29.435
10/23/2021	11:45 PM	51	51.3	51	91	48.5	0	---	0	0	---	51	51.2	51.2	29.427
10/24/2021	12:00 AM	51.3	51.3	51	90	48.5	0	---	0	0	---	51.3	51.5	51.5	29.419
10/24/2021	12:15 AM	51.2	51.3	51.2	90	48.4	0	---	0	0	---	51.2	51.4	51.4	29.424
10/24/2021	12:30 AM	50.8	51.3	50.8	91	48.3	0	---	0	0	---	50.8	51.1	51.1	29.422
10/24/2021	12:45 AM	50.3	50.8	50.3	91	47.8	0	---	0	0	---	50.3	50.6	50.6	29.427
10/24/2021	1:00 AM	49.8	50.3	49.8	92	47.6	0	---	0	0	---	49.8	50.2	50.2	29.428
10/24/2021	1:15 AM	49.9	49.9	49.7	94	48.2	0	---	0	0	---	49.9	50.4	50.4	29.428
10/24/2021	1:30 AM	50.2	50.2	49.9	94	48.5	0	---	0	0	---	50.2	50.6	50.6	29.428
10/24/2021	1:45 AM	50.7	50.7	50.2	93	48.7	0	---	0	0	---	50.7	51	51	29.431
10/24/2021	2:00 AM	50.9	50.9	50.7	93	48.9	0	---	0	0	---	50.9	51.2	51.2	29.438
10/24/2021	2:15 AM	51.2	51.2	50.9	93	49.2	0	---	0	0	---	51.2	51.5	51.5	29.434
10/24/2021	2:30 AM	51.1	51.3	51.1	92	48.9	0	---	0	0	---	51.1	51.4	51.4	29.433
10/24/2021	2:45 AM	50.6	51.2	50.6	92	48.4	0	---	0	0	---	50.6	50.9	50.9	29.44
10/24/2021	3:00 AM	49.6	50.6	49.6	92	47.4	0	---	0	0	---	49.6	50	50	29.447
10/24/2021	3:15 AM	48.8	49.6	48.7	93	46.9	0	---	0	0	---	48.8	49.2	49.2	29.453
10/24/2021	3:30 AM	48	48.8	48	94	46.4	0	---	0	0	---	48	48.4	48.4	29.451
10/24/2021	3:45 AM	47.7	48.1	47.7	95	46.3	0	---	0	0	---	47.7	48.1	48.1	29.447
10/24/2021	4:00 AM	47.3	47.7	47.2	94	45.7	0	---	0	0	---	47.3	47.6	47.6	29.447
10/24/2021	4:15 AM	46.5	47.2	46.5	94	44.9	0	---	0	0	---	46.5	46.8	46.8	29.449

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/23/2021	7:30 PM	0	0	0.093	0	78.9	35	48.9	77.3	6.87	0.0716	300	8	100	15
10/23/2021	7:45 PM	0	0	0.094	0	78.6	36	49.4	77.1	6.98	0.0716	299	8	100	15
10/23/2021	8:00 PM	0	0	0.096	0	78.3	36	49.1	76.8	6.98	0.0716	300	8	100	15
10/23/2021	8:15 PM	0	0	0.098	0	78	36	48.9	76.5	6.99	0.0717	297	8	100	15
10/23/2021	8:30 PM	0	0	0.099	0	77.8	36	48.7	76.3	6.99	0.0717	300	8	100	15
10/23/2021	8:45 PM	0	0	0.101	0	77.6	36	48.5	76.1	7	0.0718	300	8	100	15
10/23/2021	9:00 PM	0	0	0.102	0	77.4	36	48.3	75.9	7	0.0718	300	8	100	15
10/23/2021	9:15 PM	0	0	0.103	0	77.1	36	48.1	75.7	7.01	0.0718	300	8	100	15
10/23/2021	9:30 PM	0	0	0.104	0	77	37	48.7	75.7	7.21	0.0718	300	8	100	15
10/23/2021	9:45 PM	0	0	0.105	0	76.7	37	48.5	75.4	7.22	0.0719	299	8	100	15
10/23/2021	10:00 PM	0	0	0.108	0	76.6	37	48.4	75.3	7.22	0.0719	300	8	100	15
10/23/2021	10:15 PM	0	0	0.116	0	76.4	37	48.2	75.1	7.22	0.072	300	8	100	15
10/23/2021	10:30 PM	0	0	0.128	0	76.1	37	47.9	74.8	7.23	0.072	300	8	100	15
10/23/2021	10:45 PM	0	0	0.139	0	75.7	37	47.6	74.4	7.24	0.0721	299	8	100	15
10/23/2021	11:00 PM	0	0	0.146	0	75.3	37	47.2	74	7.24	0.0722	300	8	100	15
10/23/2021	11:15 PM	0	0	0.144	0	74.8	37	46.8	73.5	7.25	0.0723	300	8	100	15
10/23/2021	11:30 PM	0	0	0.143	0	74.4	37	46.4	73.1	7.26	0.0723	300	8	100	15
10/23/2021	11:45 PM	0	0	0.146	0	74.2	38	47	72.9	7.38	0.0723	299	8	100	15
10/24/2021	12:00 AM	0	0	0.143	0	74	38	46.8	72.7	7.39	0.0723	298	8	100	15
10/24/2021	12:15 AM	0	0	0.144	0	73.7	38	46.5	72.3	7.4	0.0724	300	8	100	15
10/24/2021	12:30 AM	0	0	0.148	0	73.5	38	46.3	72.1	7.41	0.0724	299	8	100	15
10/24/2021	12:45 AM	0	0	0.153	0	73.2	38	46.1	71.8	7.42	0.0725	299	8	100	15
10/24/2021	1:00 AM	0	0	0.158	0	72.9	38	45.8	71.4	7.43	0.0725	300	8	100	15
10/24/2021	1:15 AM	0	0	0.157	0	72.6	38	45.5	70.9	7.45	0.0726	299	8	100	15
10/24/2021	1:30 AM	0	0	0.154	0	72.5	39	46.1	70.9	7.6	0.0726	300	8	100	15
10/24/2021	1:45 AM	0	0	0.149	0	72.4	39	46	70.7	7.6	0.0726	299	8	100	15
10/24/2021	2:00 AM	0	0	0.147	0	72.3	39	45.9	70.6	7.6	0.0726	300	8	100	15
10/24/2021	2:15 AM	0	0	0.144	0	72.2	40	46.5	70.5	7.71	0.0726	300	8	100	15
10/24/2021	2:30 AM	0	0	0.145	0	72.2	40	46.5	70.5	7.71	0.0726	299	8	100	15
10/24/2021	2:45 AM	0	0	0.15	0	72.2	40	46.5	70.5	7.71	0.0726	300	8	100	15
10/24/2021	3:00 AM	0	0	0.16	0	71.9	40	46.3	70.1	7.71	0.0727	300	8	100	15
10/24/2021	3:15 AM	0	0	0.169	0	71.7	40	46.1	69.8	7.72	0.0727	299	8	100	15
10/24/2021	3:30 AM	0	0	0.177	0	71.5	40	45.9	69.5	7.72	0.0728	300	8	100	15
10/24/2021	3:45 AM	0	0	0.18	0	71.1	40	45.5	68.9	7.73	0.0728	299	8	100	15
10/24/2021	4:00 AM	0	0	0.184	0	70.9	40	45.4	68.7	7.73	0.0729	300	8	100	15
10/24/2021	4:15 AM	0	0	0.193	0	70.6	40	45.1	68.3	7.74	0.0729	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/24/2021	4:30 AM	46.3	46.6	46.2	96	45.2	0	---	0	0	---	46.3	46.6	46.6	29.447
10/24/2021	4:45 AM	46.1	46.3	46.1	96	45	0	---	0	0	---	46.1	46.4	46.4	29.456
10/24/2021	5:00 AM	46.1	46.2	45.9	97	45.3	0	---	0	0	---	46.1	46.4	46.4	29.458
10/24/2021	5:15 AM	46	46.3	46	96	44.9	0	---	0	0	---	46	46.3	46.3	29.457
10/24/2021	5:30 AM	45.6	46.1	45.6	96	44.5	0	---	0	0	---	45.6	45.9	45.9	29.462
10/24/2021	5:45 AM	45.2	45.5	45.2	96	44.1	0	---	0	0	---	45.2	45.5	45.5	29.463
10/24/2021	6:00 AM	44.8	45.3	44.8	96	43.7	0	---	0	0	---	44.8	45	45	29.471
10/24/2021	6:15 AM	44.8	44.9	44.7	97	44	0	---	0	0	---	44.8	45.1	45.1	29.474
10/24/2021	6:30 AM	44.8	44.8	44.7	97	44	0	---	0	0	---	44.8	45.1	45.1	29.475
10/24/2021	6:45 AM	44.8	44.9	44.8	97	44	0	---	0	0	---	44.8	45.1	45.1	29.48
10/24/2021	7:00 AM	45.2	45.3	44.9	98	44.7	0	---	0	0	---	45.2	45.5	45.5	29.477
10/24/2021	7:15 AM	45.6	45.6	45.2	98	45.1	0	---	0	0	---	45.6	45.9	45.9	29.48
10/24/2021	7:30 AM	46.1	46.1	45.5	98	45.6	0	---	0	0	---	46.1	46.5	46.5	29.481
10/24/2021	7:45 AM	46.8	46.8	46.1	98	46.3	0	---	0	0	---	46.8	47.2	47.2	29.481
10/24/2021	8:00 AM	47.3	47.3	46.9	98	46.8	0	---	0	0	---	47.3	47.7	47.7	29.48
10/24/2021	8:15 AM	47.6	47.6	47.3	98	47.1	0	---	0	0	---	47.6	48.1	48.1	29.478
10/24/2021	8:30 AM	47.9	47.9	47.6	98	47.4	0	---	0	0	---	47.9	48.4	48.4	29.478
10/24/2021	8:45 AM	49.6	49.6	47.9	97	48.8	0	---	0	0	---	49.6	50.2	50.2	29.481
10/24/2021	9:00 AM	51.3	51.3	49.7	93	49.3	0	---	0	0	---	51.3	51.6	51.6	29.484
10/24/2021	9:15 AM	53.1	53.1	51.3	91	50.5	0	---	0	0	---	53.1	53.2	53.2	29.486
10/24/2021	9:30 AM	54.2	54.2	53.1	88	50.7	0	E	0	2	E	54.2	54.2	54.2	29.484
10/24/2021	9:45 AM	57.2	57.2	54.3	85	52.7	0	---	0	0	---	57.2	57	57	29.486
10/24/2021	10:00 AM	59.4	59.4	57.2	73	50.7	1	E	0.25	6	ESE	59.4	58.7	58.7	29.483
10/24/2021	10:15 AM	61.2	61.2	59.4	68	50.6	1	ENE	0.25	3	E	61.2	60.4	60.4	29.482
10/24/2021	10:30 AM	63	63	61.1	66	51.5	1	N	0.25	3	SE	63	62.3	62.3	29.477
10/24/2021	10:45 AM	63.8	63.8	63	63	51	2	ESE	0.5	6	ESE	63.8	62.9	62.9	29.477
10/24/2021	11:00 AM	65.2	65.2	63.8	62	51.8	1	N	0.25	4	N	65.2	64.4	64.4	29.471
10/24/2021	11:15 AM	66.5	66.5	65.2	56	50.3	1	SSE	0.25	4	S	66.5	65.5	65.5	29.473
10/24/2021	11:30 AM	67.7	67.7	66.5	55	50.9	1	ESE	0.25	4	SSE	67.7	66.8	66.8	29.47
10/24/2021	11:45 AM	68.8	68.8	67.7	51	49.9	1	ESE	0.25	4	E	68.8	67.4	67.4	29.47
10/24/2021	12:00 PM	69.7	70	68.9	52	51.3	1	SE	0.25	4	SW	69.7	68.3	68.3	29.471
10/24/2021	12:15 PM	70	70.4	69.7	49	50	1	SW	0.25	4	SW	70	68.2	68.2	29.471
10/24/2021	12:30 PM	71.2	71.2	70	49	51.1	1	N	0.25	4	NNW	71.2	69.9	69.9	29.468
10/24/2021	12:45 PM	71.7	72.1	71.1	48	51	2	SE	0.5	5	SW	71.7	70.5	70.5	29.463
10/24/2021	1:00 PM	71	71.7	70.9	51	52	3	SW	0.75	6	SW	71	69.8	69.8	29.451
10/24/2021	1:15 PM	71.8	71.8	70.9	51	52.7	2	WSW	0.5	4	W	71.8	70.9	70.9	29.442

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/24/2021	4:30 AM	0	0	0.195	0	70.4	40	44.9	68	7.74	0.0729	299	8	100	15
10/24/2021	4:45 AM	0	0	0.197	0	70.1	40	44.6	67.6	7.75	0.073	300	8	100	15
10/24/2021	5:00 AM	0	0	0.197	0	69.9	40	44.5	67.4	7.75	0.073	299	8	100	15
10/24/2021	5:15 AM	0	0	0.198	0	69.5	40	44.1	67	7.76	0.0731	300	8	100	15
10/24/2021	5:30 AM	0	0	0.202	0	69.3	40	43.9	66.8	7.76	0.0731	300	8	100	15
10/24/2021	5:45 AM	0	0	0.206	0	69.1	40	43.8	66.6	7.77	0.0732	300	8	100	15
10/24/2021	6:00 AM	0	0	0.21	0	68.9	40	43.6	66.4	7.77	0.0732	298	8	100	15
10/24/2021	6:15 AM	0	0	0.21	0	68.7	40	43.4	66.3	7.78	0.0733	300	8	100	15
10/24/2021	6:30 AM	0	0	0.21	0	68.4	40	43.1	66	7.78	0.0733	300	8	100	15
10/24/2021	6:45 AM	0	0	0.21	0	68.2	41	43.6	66	7.95	0.0734	300	8	100	15
10/24/2021	7:00 AM	0	0	0.206	0	68.1	41	43.5	65.9	7.95	0.0734	299	8	100	15
10/24/2021	7:15 AM	0	0	0.202	0	67.9	41	43.3	65.7	7.95	0.0734	300	8	100	15
10/24/2021	7:30 AM	0	0	0.197	0	67.9	41	43.3	65.7	7.95	0.0734	300	8	100	15
10/24/2021	7:45 AM	0	0	0.19	0	67.9	41	43.3	65.7	7.95	0.0734	300	8	100	15
10/24/2021	8:00 AM	0	0	0.184	0	68	42	44	65.9	8.09	0.0734	300	8	100	15
10/24/2021	8:15 AM	0	0	0.181	0	68.1	42	44.1	66	8.09	0.0734	300	8	100	15
10/24/2021	8:30 AM	0	0	0.178	0	68.2	42	44.2	66.1	8.09	0.0733	300	8	100	15
10/24/2021	8:45 AM	0	0	0.16	0	68.4	42	44.4	66.2	8.08	0.0733	299	8	100	15
10/24/2021	9:00 AM	0	0	0.143	0	68.5	43	45.1	66.4	8.25	0.0733	300	8	100	15
10/24/2021	9:15 AM	0	0	0.124	0	68.7	43	45.3	66.6	8.25	0.0733	300	8	100	15
10/24/2021	9:30 AM	0	0	0.112	0	69	43	45.6	66.8	8.25	0.0732	299	8	100	15
10/24/2021	9:45 AM	0	0	0.081	0	69.4	43	45.9	67.2	8.25	0.0731	299	8	100	15
10/24/2021	10:00 AM	0	0	0.058	0	69.8	44	46.9	67.6	8.35	0.073	300	8	100	15
10/24/2021	10:15 AM	0	0	0.04	0	70.3	44	47.3	68.2	8.34	0.073	300	8	100	15
10/24/2021	10:30 AM	0	0	0.021	0	70.9	44	47.9	69	8.33	0.0729	300	8	100	15
10/24/2021	10:45 AM	0	0	0.013	0	71.5	44	48.4	69.8	8.32	0.0728	299	8	100	15
10/24/2021	11:00 AM	0	0	0	0.002	72.2	44	49.1	70.8	8.31	0.0726	300	8	100	15
10/24/2021	11:15 AM	0	0	0	0.016	72.9	44	49.7	71.9	8.29	0.0725	300	8	100	15
10/24/2021	11:30 AM	0	0	0	0.028	73.8	44	50.5	73	8.27	0.0724	300	8	100	15
10/24/2021	11:45 AM	0	0	0	0.04	74.6	44	51.2	73.9	8.26	0.0722	300	8	100	15
10/24/2021	12:00 PM	0	0	0	0.049	75.3	44	51.9	74.6	8.24	0.0721	299	8	100	15
10/24/2021	12:15 PM	0	0	0	0.052	76.2	44	52.7	75.5	8.23	0.072	300	8	100	15
10/24/2021	12:30 PM	0	0	0	0.065	77	43	52.8	76.2	8.05	0.0718	300	8	100	15
10/24/2021	12:45 PM	0	0	0	0.07	77.9	43	53.6	77	8.05	0.0717	299	8	100	15
10/24/2021	1:00 PM	0	0	0	0.063	78.7	43	54.3	77.8	8.05	0.0715	300	8	100	15
10/24/2021	1:15 PM	0	0	0	0.071	79.6	43	55.1	78.7	8.05	0.0713	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/24/2021	1:30 PM	72.5	72.5	71.8	47	51.1	3	WSW	0.75	7	WSW	72.5	71.5	71.5	29.436
10/24/2021	1:45 PM	73.5	73.5	72.5	47	52	2	W	0.5	10	E	73.5	72.9	72.9	29.432
10/24/2021	2:00 PM	74.4	74.4	73.5	44	51.1	2	WSW	0.5	8	SE	74.4	73.6	73.6	29.418
10/24/2021	2:15 PM	74.4	74.8	74.3	42	49.8	2	WSW	0.5	7	SW	74.4	73.4	73.4	29.414
10/24/2021	2:30 PM	74.4	74.6	74.3	44	51.1	2	SW	0.5	9	WSW	74.4	73.6	73.6	29.403
10/24/2021	2:45 PM	74.4	74.7	74.2	40	48.5	3	SW	0.75	10	WSW	74.4	73.2	73.2	29.406
10/24/2021	3:00 PM	75.1	75.1	74.4	37	47	2	WSW	0.5	9	SW	75.1	73.8	73.8	29.406
10/24/2021	3:15 PM	75.4	75.4	75	37	47.3	2	WSW	0.5	8	WSW	75.4	74.1	74.1	29.405
10/24/2021	3:30 PM	74.9	75.4	74.9	41	49.6	4	SW	1	10	SW	74.9	73.9	73.9	29.41
10/24/2021	3:45 PM	75.1	75.5	74.9	42	50.4	2	SSW	0.5	8	SSW	75.1	74.2	74.2	29.407
10/24/2021	4:00 PM	74.3	75.1	74.2	43	50.4	3	SW	0.75	6	W	74.3	73.4	73.4	29.404
10/24/2021	4:15 PM	74.1	74.3	73.9	42	49.5	2	SW	0.5	6	SSW	74.1	73.1	73.1	29.399
10/24/2021	4:30 PM	73.7	74.1	73.7	43	49.8	2	WSW	0.5	6	W	73.7	72.8	72.8	29.395
10/24/2021	4:45 PM	73.1	73.7	73	44	49.9	2	SW	0.5	7	WSW	73.1	72.1	72.1	29.392
10/24/2021	5:00 PM	71.4	73.1	71.4	55	54.4	1	ESE	0.25	4	ESE	71.4	70.7	70.7	29.395
10/24/2021	5:15 PM	71.4	71.9	71.4	51	52.3	1	SE	0.25	6	ESE	71.4	70.3	70.3	29.387
10/24/2021	5:30 PM	71.2	71.7	71.2	48	50.5	2	SSW	0.5	7	W	71.2	69.8	69.8	29.389
10/24/2021	5:45 PM	69.4	71.2	69.4	50	49.9	1	SSE	0.25	4	SSE	69.4	67.8	67.8	29.388
10/24/2021	6:00 PM	67.9	69.4	67.9	60	53.5	1	SE	0.25	5	SSE	67.9	67.4	67.4	29.391
10/24/2021	6:15 PM	65.8	67.9	65.8	57	50.1	1	SE	0.25	2	SE	65.8	64.7	64.7	29.389
10/24/2021	6:30 PM	64.1	65.8	64.1	63	51.2	0	---	0	0	---	64.1	63.2	63.2	29.39
10/24/2021	6:45 PM	62.1	64.1	62.1	65	50.2	0	---	0	0	---	62.1	61.2	61.2	29.382
10/24/2021	7:00 PM	60.2	62.1	60.2	68	49.6	0	---	0	0	---	60.2	59.3	59.3	29.384
10/24/2021	7:15 PM	58.8	60.2	58.8	71	49.4	0	---	0	0	---	58.8	58	58	29.383
10/24/2021	7:30 PM	57.8	58.8	57.8	74	49.6	0	---	0	0	---	57.8	57.1	57.1	29.377
10/24/2021	7:45 PM	57.6	57.8	57.5	73	49	0	---	0	0	---	57.6	56.9	56.9	29.384
10/24/2021	8:00 PM	57.2	57.6	57.2	74	49	0	---	0	0	---	57.2	56.5	56.5	29.39
10/24/2021	8:15 PM	56.5	57.2	56.5	76	49	0	---	0	0	---	56.5	56	56	29.389
10/24/2021	8:30 PM	56.1	56.5	56.1	76	48.6	0	---	0	0	---	56.1	55.6	55.6	29.388
10/24/2021	8:45 PM	55.9	56.2	55.9	77	48.8	0	---	0	0	---	55.9	55.4	55.4	29.383
10/24/2021	9:00 PM	55.7	55.9	55.7	76	48.2	0	---	0	0	---	55.7	55.2	55.2	29.38
10/24/2021	9:15 PM	55.7	55.8	55.6	78	48.9	0	---	0	0	---	55.7	55.3	55.3	29.383
10/24/2021	9:30 PM	55	55.7	55	80	48.9	0	---	0	0	---	55	54.7	54.7	29.383
10/24/2021	9:45 PM	54.5	55	54.5	81	48.8	0	---	0	0	---	54.5	54.2	54.2	29.379
10/24/2021	10:00 PM	54.6	54.7	54.4	83	49.5	0	---	0	0	---	54.6	54.4	54.4	29.379
10/24/2021	10:15 PM	54.6	54.7	54.6	84	49.9	0	---	0	0	---	54.6	54.4	54.4	29.375

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/24/2021	1:30 PM	0	0	0	0.078	80.4	42	55.2	79.4	7.85	0.0712	298	8	100	15
10/24/2021	1:45 PM	0	0	0	0.089	81.3	42	56	80.4	7.85	0.0711	299	8	100	15
10/24/2021	2:00 PM	0	0	0	0.098	82.4	42	57	81.7	7.85	0.0708	300	8	100	15
10/24/2021	2:15 PM	0	0	0	0.098	83.8	42	58.3	83.3	7.85	0.0706	300	8	100	15
10/24/2021	2:30 PM	0	0	0	0.098	85.6	42	59.9	85.5	7.84	0.0703	300	8	100	15
10/24/2021	2:45 PM	0	0	0	0.098	87.9	41	61.3	88.3	7.65	0.0699	299	8	100	15
10/24/2021	3:00 PM	0	0	0	0.105	90.2	40	62.6	91.3	7.44	0.0696	300	8	100	15
10/24/2021	3:15 PM	0	0	0	0.108	92.2	38	62.9	93.6	7.11	0.0693	300	8	100	15
10/24/2021	3:30 PM	0	0	0	0.103	93.5	36	62.5	94.8	6.78	0.0691	300	8	100	15
10/24/2021	3:45 PM	0	0	0	0.105	93.7	35	61.9	94.7	6.6	0.0691	300	8	100	15
10/24/2021	4:00 PM	0	0	0	0.097	93.2	34	60.7	93.6	6.49	0.0693	299	8	100	15
10/24/2021	4:15 PM	0	0	0	0.095	92.7	34	60.2	92.8	6.5	0.0693	300	8	100	15
10/24/2021	4:30 PM	0	0	0	0.091	92.3	33	59	92	6.4	0.0694	300	8	100	15
10/24/2021	4:45 PM	0	0	0	0.084	91.9	33	58.7	91.4	6.41	0.0695	300	8	100	15
10/24/2021	5:00 PM	0	0	0	0.067	91.7	33	58.5	91.2	6.42	0.0695	300	8	100	15
10/24/2021	5:15 PM	0	0	0	0.067	91.3	33	58.2	90.6	6.42	0.0696	299	8	100	15
10/24/2021	5:30 PM	0	0	0	0.065	91	32	57	89.9	6.23	0.0697	300	8	100	15
10/24/2021	5:45 PM	0	0	0	0.046	90.6	32	56.7	89.4	6.24	0.0697	300	8	100	15
10/24/2021	6:00 PM	0	0	0	0.03	90.1	32	56.3	88.7	6.25	0.0698	300	8	100	15
10/24/2021	6:15 PM	0	0	0	0.008	89.5	32	55.7	88	6.25	0.0699	300	8	100	15
10/24/2021	6:30 PM	0	0	0.009	0	88.7	31	54.2	86.9	6.15	0.0701	299	8	100	15
10/24/2021	6:45 PM	0	0	0.03	0	76.7	37	48.5	75.4	7.22	0.0718	294	8	100	15
10/24/2021	7:00 PM	0	0	0.05	0	75.8	40	49.8	74.7	7.63	0.0719	300	8	100	15
10/24/2021	7:15 PM	0	0	0.065	0	77.5	39	50.6	76.3	7.5	0.0716	300	8	100	15
10/24/2021	7:30 PM	0	0	0.075	0	78.7	38	51	77.3	7.28	0.0714	300	8	100	15
10/24/2021	7:45 PM	0	0	0.077	0	79.3	37	50.8	77.8	7.16	0.0714	300	8	100	15
10/24/2021	8:00 PM	0	0	0.081	0	79.8	36	50.5	78.2	6.95	0.0714	300	8	100	15
10/24/2021	8:15 PM	0	0	0.089	0	80	36	50.6	78.4	6.95	0.0713	300	8	100	15
10/24/2021	8:30 PM	0	0	0.093	0	80	36	50.6	78.4	6.95	0.0713	300	8	100	15
10/24/2021	8:45 PM	0	0	0.095	0	79.9	36	50.6	78.3	6.95	0.0713	300	8	100	15
10/24/2021	9:00 PM	0	0	0.097	0	79.8	35	49.7	78.1	6.85	0.0714	300	8	100	15
10/24/2021	9:15 PM	0	0	0.097	0	79.6	35	49.5	77.9	6.86	0.0714	300	8	100	15
10/24/2021	9:30 PM	0	0	0.104	0	79.5	35	49.4	77.9	6.86	0.0714	299	8	100	15
10/24/2021	9:45 PM	0	0	0.109	0	79.3	35	49.3	77.7	6.86	0.0714	300	8	100	15
10/24/2021	10:00 PM	0	0	0.108	0	79.2	35	49.2	77.6	6.87	0.0714	300	8	100	15
10/24/2021	10:15 PM	0	0	0.108	0	79	35	49	77.4	6.87	0.0715	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/24/2021	10:30 PM	54.5	54.6	54.5	85	50.1	0	---	0	0	---	54.5	54.3	54.3	29.378
10/24/2021	10:45 PM	54.4	54.5	54.3	85	50	0	---	0	0	---	54.4	54.3	54.3	29.377
10/24/2021	11:00 PM	54.3	54.4	54.3	85	49.9	0	---	0	0	---	54.3	54.2	54.2	29.375
10/24/2021	11:15 PM	54.1	54.3	54.1	86	50	0	---	0	0	---	54.1	54	54	29.371
10/24/2021	11:30 PM	53.9	54.1	53.9	86	49.8	0	---	0	0	---	53.9	53.8	53.8	29.369
10/24/2021	11:45 PM	53.6	53.9	53.6	87	49.8	0	---	0	0	---	53.6	53.6	53.6	29.367
10/25/2021	12:00 AM	53.2	53.6	53.2	88	49.7	0	---	0	0	---	53.2	53.2	53.2	29.365
10/25/2021	12:15 AM	53	53.2	53	88	49.5	0	---	0	0	---	53	53	53	29.366
10/25/2021	12:30 AM	52.8	53	52.8	89	49.6	0	---	0	0	---	52.8	52.9	52.9	29.37
10/25/2021	12:45 AM	52.7	52.8	52.6	89	49.5	0	---	0	0	---	52.7	52.8	52.8	29.366
10/25/2021	1:00 AM	52.8	52.9	52.7	89	49.6	0	ESE	0	2	ESE	52.8	52.9	52.9	29.361
10/25/2021	1:15 AM	52.9	53	52.8	89	49.7	0	---	0	0	---	52.9	53	53	29.356
10/25/2021	1:30 AM	52.8	53	52.8	90	49.9	0	---	0	0	---	52.8	52.9	52.9	29.347
10/25/2021	1:45 AM	52.4	52.8	52.4	89	49.3	0	---	0	0	---	52.4	52.5	52.5	29.353
10/25/2021	2:00 AM	52.1	52.4	52	91	49.6	0	---	0	0	---	52.1	52.3	52.3	29.35
10/25/2021	2:15 AM	51.9	52.1	51.9	91	49.4	0	---	0	0	---	51.9	52.1	52.1	29.35
10/25/2021	2:30 AM	51.8	52	51.8	91	49.3	0	---	0	0	---	51.8	52	52	29.346
10/25/2021	2:45 AM	51.7	51.8	51.7	91	49.2	0	---	0	0	---	51.7	51.9	51.9	29.354
10/25/2021	3:00 AM	51.6	51.7	51.6	91	49.1	0	ESE	0	2	ESE	51.6	51.8	51.8	29.352
10/25/2021	3:15 AM	51.4	51.6	51.4	92	49.2	0	NNW	0	3	NNW	51.4	51.7	51.7	29.345
10/25/2021	3:30 AM	51.3	51.4	51.3	92	49.1	0	---	0	0	---	51.3	51.6	51.6	29.342
10/25/2021	3:45 AM	51.4	51.4	51.3	92	49.2	0	---	0	0	---	51.4	51.7	51.7	29.334
10/25/2021	4:00 AM	51.3	51.4	51.3	92	49.1	0	---	0	0	---	51.3	51.6	51.6	29.326
10/25/2021	4:15 AM	51.5	51.5	51.3	93	49.5	0	N	0	2	N	51.5	51.8	51.8	29.319
10/25/2021	4:30 AM	51.4	51.5	51.4	92	49.2	0	---	0	0	---	51.4	51.7	51.7	29.319
10/25/2021	4:45 AM	51.3	51.5	51.3	92	49.1	0	---	0	0	---	51.3	51.6	51.6	29.318
10/25/2021	5:00 AM	50.8	51.3	50.7	92	48.6	0	N	0	2	N	50.8	51.1	51.1	29.311
10/25/2021	5:15 AM	50	50.7	50	93	48.1	0	---	0	0	---	50	50.4	50.4	29.307
10/25/2021	5:30 AM	49.6	50	49.5	93	47.7	0	---	0	0	---	49.6	50	50	29.306
10/25/2021	5:45 AM	48.8	49.6	48.8	93	46.9	0	---	0	0	---	48.8	49.2	49.2	29.311
10/25/2021	6:00 AM	48.4	48.9	48.3	94	46.8	0	---	0	0	---	48.4	48.8	48.8	29.315
10/25/2021	6:15 AM	48.2	48.4	48.2	94	46.6	0	---	0	0	---	48.2	48.6	48.6	29.308
10/25/2021	6:30 AM	47.9	48.2	47.9	94	46.3	0	---	0	0	---	47.9	48.3	48.3	29.31
10/25/2021	6:45 AM	47.8	47.9	47.8	94	46.2	0	---	0	0	---	47.8	48.1	48.1	29.301
10/25/2021	7:00 AM	47.4	47.8	47.3	94	45.8	0	---	0	0	---	47.4	47.7	47.7	29.311
10/25/2021	7:15 AM	47	47.4	46.9	95	45.6	0	---	0	0	---	47	47.3	47.3	29.313

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/24/2021	10:30 PM	0	0	0.109	0	78.8	35	48.8	77.2	6.87	0.0715	261	8	89.7	15
10/24/2021	10:45 PM	0	0	0.11	0	78.8	35	48.8	77.2	6.87	0.0715	224	8	77	15
10/24/2021	11:00 PM	0	0	0.111	0	78.5	36	49.3	77	6.98	0.0715	300	8	100	15
10/24/2021	11:15 PM	0	0	0.114	0	78.2	36	49.1	76.7	6.99	0.0716	300	8	100	15
10/24/2021	11:30 PM	0	0	0.116	0	77.9	36	48.8	76.4	6.99	0.0716	300	8	100	15
10/24/2021	11:45 PM	0	0	0.119	0	77.8	36	48.7	76.3	6.99	0.0716	300	8	100	15
10/25/2021	12:00 AM	0	0	0.123	0	77.4	36	48.3	75.9	7	0.0717	300	8	100	15
10/25/2021	12:15 AM	0	0	0.125	0	77.3	36	48.3	75.9	7	0.0717	300	8	100	15
10/25/2021	12:30 AM	0	0	0.127	0	76.9	36	47.9	75.5	7.01	0.0718	298	8	100	15
10/25/2021	12:45 AM	0	0	0.128	0	76.7	36	47.7	75.3	7.02	0.0718	300	8	100	15
10/25/2021	1:00 AM	0	0	0.127	0	76.5	36	47.6	75.1	7.02	0.0718	299	8	100	15
10/25/2021	1:15 AM	0	0	0.126	0	76.3	37	48.1	75	7.22	0.0718	299	8	100	15
10/25/2021	1:30 AM	0	0	0.127	0	76.2	37	48	74.9	7.23	0.0718	300	8	100	15
10/25/2021	1:45 AM	0	0	0.131	0	76	37	47.8	74.7	7.23	0.0719	300	8	100	15
10/25/2021	2:00 AM	0	0	0.134	0	75.8	37	47.7	74.5	7.23	0.0719	300	8	100	15
10/25/2021	2:15 AM	0	0	0.136	0	75.7	37	47.6	74.4	7.24	0.0719	299	8	100	15
10/25/2021	2:30 AM	0	0	0.138	0	75.5	37	47.4	74.2	7.24	0.0719	300	8	100	15
10/25/2021	2:45 AM	0	0	0.139	0	75.5	37	47.4	74.2	7.24	0.0719	299	8	100	15
10/25/2021	3:00 AM	0	0	0.14	0	75.4	37	47.3	74.1	7.24	0.0719	300	8	100	15
10/25/2021	3:15 AM	0	0	0.142	0	75.2	37	47.1	73.9	7.25	0.072	300	8	100	15
10/25/2021	3:30 AM	0	0	0.143	0	75.1	38	47.8	73.9	7.35	0.0719	300	8	100	15
10/25/2021	3:45 AM	0	0	0.142	0	74.9	38	47.6	73.7	7.35	0.072	300	8	100	15
10/25/2021	4:00 AM	0	0	0.143	0	74.7	38	47.4	73.4	7.36	0.072	300	8	100	15
10/25/2021	4:15 AM	0	0	0.141	0	74.5	38	47.2	73.2	7.37	0.072	300	8	100	15
10/25/2021	4:30 AM	0	0	0.142	0	74.4	38	47.1	73.1	7.37	0.072	300	8	100	15
10/25/2021	4:45 AM	0	0	0.143	0	74.3	38	47	73	7.38	0.072	300	8	100	15
10/25/2021	5:00 AM	0	0	0.148	0	74.1	38	46.9	72.8	7.39	0.072	299	8	100	15
10/25/2021	5:15 AM	0	0	0.156	0	73.9	38	46.7	72.6	7.39	0.0721	300	8	100	15
10/25/2021	5:30 AM	0	0	0.16	0	73.7	38	46.5	72.3	7.4	0.0721	300	8	100	15
10/25/2021	5:45 AM	0	0	0.169	0	73.5	38	46.3	72.1	7.41	0.0721	300	8	100	15
10/25/2021	6:00 AM	0	0	0.173	0	73.2	38	46.1	71.8	7.42	0.0722	300	8	100	15
10/25/2021	6:15 AM	0	0	0.175	0	72.8	38	45.7	71.2	7.44	0.0722	300	8	100	15
10/25/2021	6:30 AM	0	0	0.178	0	72.5	38	45.4	70.8	7.45	0.0723	300	8	100	15
10/25/2021	6:45 AM	0	0	0.179	0	72.3	38	45.3	70.5	7.46	0.0723	299	8	100	15
10/25/2021	7:00 AM	0	0	0.183	0	72	39	45.7	70.1	7.61	0.0724	299	8	100	15
10/25/2021	7:15 AM	0	0	0.188	0	71.8	39	45.5	69.8	7.61	0.0724	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/25/2021	7:30 AM	46.9	47	46.8	95	45.5	0	---	0	0	---	46.9	47.2	47.2	29.306
10/25/2021	7:45 AM	46.6	46.9	46.6	95	45.2	0	N	0	2	N	46.6	46.9	46.9	29.298
10/25/2021	8:00 AM	46.6	46.7	46.6	94	45	0	---	0	0	---	46.6	46.9	46.9	29.3
10/25/2021	8:15 AM	46.5	46.6	46.4	95	45.1	0	---	0	0	---	46.5	46.8	46.8	29.298
10/25/2021	8:30 AM	46.9	46.9	46.5	95	45.5	0	E	0	2	E	46.9	47.2	47.2	29.291
10/25/2021	8:45 AM	49	49	46.9	92	46.8	0	ENE	0	1	ENE	49	49.4	49.4	29.28
10/25/2021	9:00 AM	50.7	50.7	49	91	48.2	0	---	0	0	---	50.7	51	51	29.28
10/25/2021	9:15 AM	53.7	53.7	50.7	89	50.5	0	---	0	0	---	53.7	53.8	53.8	29.282
10/25/2021	9:30 AM	54.6	54.7	53.7	88	51.1	0	---	0	0	---	54.6	54.6	54.6	29.282
10/25/2021	9:45 AM	57.1	57.1	54.7	82	51.7	0	---	0	0	---	57.1	56.8	56.8	29.278
10/25/2021	10:00 AM	58.9	58.9	57.1	77	51.7	1	N	0.25	2	ENE	58.9	58.5	58.5	29.27
10/25/2021	10:15 AM	62.5	62.5	58.9	68	51.8	1	N	0.25	2	N	62.5	61.8	61.8	29.264
10/25/2021	10:30 AM	63.7	63.7	62.5	63	50.9	0	N	0	2	N	63.7	62.8	62.8	29.252
10/25/2021	10:45 AM	65.9	65.9	63.8	60	51.6	0	SSE	0	2	SSE	65.9	65	65	29.256
10/25/2021	11:00 AM	68	68	66	54	50.7	1	ESE	0.25	4	SE	68	67	67	29.248
10/25/2021	11:15 AM	69.4	69.4	68	53	51.5	1	ESE	0.25	6	E	69.4	68.1	68.1	29.235
10/25/2021	11:30 AM	69.5	69.9	69.4	55	52.6	2	WSW	0.5	7	WSW	69.5	68.4	68.4	29.221
10/25/2021	11:45 AM	70.6	70.6	69.5	53	52.6	2	SW	0.5	6	SSW	70.6	69.4	69.4	29.214
10/25/2021	12:00 PM	72.2	72.2	70.6	47	50.8	2	ESE	0.5	7	SSE	72.2	71.1	71.1	29.203
10/25/2021	12:15 PM	71.4	72.2	71.4	50	51.8	2	WSW	0.5	5	WSW	71.4	70.3	70.3	29.188
10/25/2021	12:30 PM	72.9	72.9	71.4	50	53.2	2	WSW	0.5	10	WSW	72.9	72.4	72.4	29.18
10/25/2021	12:45 PM	73.6	73.7	72.9	45	50.9	2	SW	0.5	8	WSW	73.6	72.8	72.8	29.157
10/25/2021	1:00 PM	73.9	74	73.5	47	52.4	3	SW	0.75	8	WSW	73.9	73.4	73.4	29.139
10/25/2021	1:15 PM	74.9	74.9	73.6	43	50.9	3	W	0.75	9	WSW	74.9	74.1	74.1	29.123
10/25/2021	1:30 PM	74.9	75	74.8	47	53.3	2	SW	0.5	9	WSW	74.9	74.5	74.5	29.111
10/25/2021	1:45 PM	74	74.9	74	46	51.9	3	WSW	0.75	9	W	74	73.4	73.4	29.094
10/25/2021	2:00 PM	73.4	74	73.3	42	48.9	2	SW	0.5	7	WNW	73.4	72.3	72.3	29.081
10/25/2021	2:15 PM	73	73.4	73	46	51	1	S	0.25	11	SSE	73	72.2	72.2	29.072
10/25/2021	2:30 PM	71.5	73	71.5	57	55.5	0	SSW	0	2	SSW	71.5	71	71	29.061
10/25/2021	2:45 PM	69.6	71.5	69.6	56	53.2	2	NNW	0.5	10	WSW	69.6	68.6	68.6	29.056
10/25/2021	3:00 PM	66.1	69.5	66.1	61	52.3	3	NNW	0.75	14	W	66.1	65.3	65.3	29.071
10/25/2021	3:15 PM	59.9	66	59.9	81	54.1	5	WNW	1.25	13	WSW	59.9	59.7	59.7	29.107
10/25/2021	3:30 PM	58	59.8	58	87	54.2	5	WNW	1.25	20	SSE	57.6	58	57.6	29.138
10/25/2021	3:45 PM	57.5	58	57.5	89	54.3	3	NNW	0.75	11	N	57.5	57.6	57.6	29.139
10/25/2021	4:00 PM	57.2	57.5	57.2	90	54.3	1	W	0.25	5	SSE	57.2	57.3	57.3	29.146
10/25/2021	4:15 PM	57.1	57.2	57	93	55.1	0	ESE	0	3	SE	57.1	57.3	57.3	29.161

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/25/2021	7:30 AM	0	0	0.189	0	71.6	39	45.3	69.6	7.62	0.0724	300	8	100	15
10/25/2021	7:45 AM	0	0	0.192	0	71.3	39	45.1	69.1	7.62	0.0724	300	8	100	15
10/25/2021	8:00 AM	0	0	0.192	0	71	39	44.8	68.7	7.63	0.0725	300	8	100	15
10/25/2021	8:15 AM	0	0	0.193	0	70.8	39	44.6	68.5	7.63	0.0725	300	8	100	15
10/25/2021	8:30 AM	0	0	0.189	0	70.8	39	44.6	68.5	7.63	0.0725	300	8	100	15
10/25/2021	8:45 AM	0	0	0.167	0	70.6	39	44.4	68.2	7.64	0.0725	299	8	100	15
10/25/2021	9:00 AM	0	0	0.149	0	70.6	40	45.1	68.3	7.74	0.0725	299	8	100	15
10/25/2021	9:15 AM	0	0	0.118	0	70.9	40	45.4	68.7	7.73	0.0724	300	8	100	15
10/25/2021	9:30 AM	0	0	0.108	0	71.2	41	46.3	69.2	7.9	0.0724	300	8	100	15
10/25/2021	9:45 AM	0	0	0.082	0	71.8	41	46.8	70	7.88	0.0723	300	8	100	15
10/25/2021	10:00 AM	0	0	0.064	0	72.3	41	47.3	70.7	7.86	0.0722	300	8	100	15
10/25/2021	10:15 AM	0	0	0.026	0	72.9	41	47.8	71.6	7.83	0.072	299	8	100	15
10/25/2021	10:30 AM	0	0	0.014	0	73.7	42	49.2	72.7	7.98	0.0719	300	8	100	15
10/25/2021	10:45 AM	0	0	0	0.009	74.5	42	49.9	73.6	7.96	0.0717	299	8	100	15
10/25/2021	11:00 AM	0	0	0	0.031	75.4	42	50.7	74.5	7.94	0.0716	300	8	100	15
10/25/2021	11:15 AM	0	0	0	0.046	76.4	42	51.6	75.5	7.92	0.0714	299	8	100	15
10/25/2021	11:30 AM	0	0	0	0.047	77.1	41	51.6	76.1	7.75	0.0713	300	8	100	15
10/25/2021	11:45 AM	0	0	0	0.058	78.1	41	52.5	77	7.75	0.0711	300	8	100	15
10/25/2021	12:00 PM	0	0	0	0.075	79	41	53.3	77.9	7.75	0.0709	300	8	100	15
10/25/2021	12:15 PM	0	0	0	0.067	79.9	41	54.1	78.7	7.75	0.0707	300	8	100	15
10/25/2021	12:30 PM	0	0	0	0.082	80.8	41	54.9	79.7	7.73	0.0705	299	8	100	15
10/25/2021	12:45 PM	0	0	0	0.09	81.8	40	55.1	80.7	7.55	0.0703	300	8	100	15
10/25/2021	1:00 PM	0	0	0	0.093	82.7	40	55.9	81.7	7.55	0.0702	299	8	100	15
10/25/2021	1:15 PM	0	0	0	0.103	83.8	40	56.9	82.9	7.55	0.0699	300	8	100	15
10/25/2021	1:30 PM	0	0	0	0.103	84.8	39	57.1	83.9	7.35	0.0698	294	8	100	15
10/25/2021	1:45 PM	0	0	0	0.094	85.8	39	58	85.1	7.33	0.0696	298	8	100	15
10/25/2021	2:00 PM	0	0	0	0.088	86.5	38	57.9	85.7	7.22	0.0694	297	8	100	15
10/25/2021	2:15 PM	0	0	0	0.083	86.9	37	57.5	86	7.01	0.0694	299	8	100	15
10/25/2021	2:30 PM	0	0	0	0.068	87.1	36	56.9	86	6.79	0.0694	298	8	100	15
10/25/2021	2:45 PM	0	0	0	0.048	87.3	36	57.1	86.3	6.8	0.0693	300	8	100	15
10/25/2021	3:00 PM	0	0	0	0.011	87.2	35	56.2	85.9	6.69	0.0694	299	8	100	15
10/25/2021	3:15 PM	0.02	0.25	0.053	0	86.4	34	54.7	84.8	6.48	0.0697	296	8	100	15
10/25/2021	3:30 PM	0.02	0.25	0.073	0	85	34	53.5	83.3	6.45	0.07	298	8	100	15
10/25/2021	3:45 PM	0.02	0.12	0.078	0	83.5	34	52.2	81.7	6.51	0.0702	298	8	100	15
10/25/2021	4:00 PM	0.05	0.43	0.081	0	82.2	35	51.8	80.5	6.76	0.0704	298	8	100	15
10/25/2021	4:15 PM	0.05	0.34	0.082	0	81	35	50.8	79.3	6.81	0.0706	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/25/2021	4:30 PM	56.9	57.1	56.8	94	55.2	1	E	0.25	2	SE	56.9	57.2	57.2	29.154
10/25/2021	4:45 PM	57	57	56.9	95	55.6	1	E	0.25	4	N	57	57.3	57.3	29.141
10/25/2021	5:00 PM	57	57.1	57	94	55.3	0	E	0	3	E	57	57.3	57.3	29.145
10/25/2021	5:15 PM	57	57.1	56.9	94	55.3	1	SSE	0.25	4	SSE	57	57.3	57.3	29.15
10/25/2021	5:30 PM	57	57	56.9	95	55.6	0	ESE	0	3	SSE	57	57.3	57.3	29.146
10/25/2021	5:45 PM	57.1	57.1	57	95	55.7	0	---	0	0	---	57.1	57.4	57.4	29.141
10/25/2021	6:00 PM	57.2	57.3	57.1	95	55.8	0	---	0	0	---	57.2	57.5	57.5	29.133
10/25/2021	6:15 PM	57.3	57.3	57.2	95	55.9	0	---	0	0	---	57.3	57.6	57.6	29.128
10/25/2021	6:30 PM	57.2	57.3	57.2	95	55.8	0	N	0	2	N	57.2	57.5	57.5	29.129
10/25/2021	6:45 PM	57.2	57.3	57.1	96	56.1	0	---	0	0	---	57.2	57.6	57.6	29.126
10/25/2021	7:00 PM	57.2	57.3	57.2	96	56.1	0	WNW	0	2	NNE	57.2	57.6	57.6	29.115
10/25/2021	7:15 PM	57.2	57.3	57.2	96	56.1	0	WNW	0	1	W	57.2	57.6	57.6	29.105
10/25/2021	7:30 PM	57.2	57.2	57.1	96	56.1	0	---	0	0	---	57.2	57.6	57.6	29.098
10/25/2021	7:45 PM	57.2	57.3	57.2	96	56.1	0	NNW	0	3	NNW	57.2	57.6	57.6	29.093
10/25/2021	8:00 PM	57.2	57.3	57.2	96	56.1	1	NNW	0.25	3	NNW	57.2	57.6	57.6	29.086
10/25/2021	8:15 PM	56.4	57.2	56.4	95	55	0	SSE	0	3	SE	56.4	56.7	56.7	29.094
10/25/2021	8:30 PM	55.9	56.5	55.9	96	54.8	0	WSW	0	2	S	55.9	56.3	56.3	29.1
10/25/2021	8:45 PM	55.6	55.9	55.5	97	54.8	0	---	0	0	---	55.6	56.1	56.1	29.101
10/25/2021	9:00 PM	56.2	56.2	55.6	97	55.4	0	WSW	0	1	WSW	56.2	56.7	56.7	29.11
10/25/2021	9:15 PM	56.3	56.3	56.1	97	55.5	0	---	0	0	---	56.3	56.8	56.8	29.113
10/25/2021	9:30 PM	56.5	56.5	56.3	98	55.9	0	WNW	0	2	W	56.5	57.1	57.1	29.119
10/25/2021	9:45 PM	57.2	57.2	56.4	97	56.4	1	WSW	0.25	4	W	57.2	57.7	57.7	29.126
10/25/2021	10:00 PM	57.6	57.7	57.1	94	55.9	2	SW	0.5	7	SW	57.6	57.9	57.9	29.135
10/25/2021	10:15 PM	57.2	57.7	57.2	91	54.6	4	SW	1	11	SW	57.2	57.4	57.4	29.142
10/25/2021	10:30 PM	56.5	57.3	56.5	89	53.3	4	SW	1	9	W	56.4	56.5	56.4	29.142
10/25/2021	10:45 PM	56.1	56.6	56.1	90	53.2	4	SW	1	11	WSW	55.9	56.2	56	29.143
10/25/2021	11:00 PM	55.6	56.1	55.5	89	52.4	4	SW	1	11	W	55.3	55.6	55.3	29.153
10/25/2021	11:15 PM	55.1	55.6	55.1	89	51.9	3	WSW	0.75	13	W	55.1	55.1	55.1	29.168
10/25/2021	11:30 PM	54.7	55.1	54.7	86	50.6	5	W	1.25	11	SW	53.7	54.6	53.6	29.179
10/25/2021	11:45 PM	53.7	54.7	53.7	83	48.7	5	WSW	1.25	17	SW	52.5	53.5	52.3	29.184
10/26/2021	12:00 AM	52.9	53.7	52.9	81	47.2	4	SW	1	10	SW	52.2	52.7	52	29.189
10/26/2021	12:15 AM	52.5	52.9	52.5	80	46.5	3	SW	0.75	9	SW	52.5	52.3	52.3	29.202
10/26/2021	12:30 AM	52.2	52.5	52.2	80	46.2	4	SW	1	12	SW	51.4	52	51.2	29.204
10/26/2021	12:45 AM	52	52.2	51.9	80	46	3	W	0.75	11	SW	51.9	51.8	51.7	29.206
10/26/2021	1:00 AM	51.8	52	51.8	81	46.2	2	WSW	0.5	7	W	51.8	51.6	51.6	29.207
10/26/2021	1:15 AM	51.5	51.9	51.4	86	47.5	2	WSW	0.5	8	SSW	51.5	51.5	51.5	29.205

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/25/2021	4:30 PM	0.08	0.96	0.084	0	80.3	36	50.9	78.7	6.94	0.0707	299	8	100	15
10/25/2021	4:45 PM	0.01	0.24	0.083	0	79.6	36	50.3	78	6.96	0.0708	297	8	100	15
10/25/2021	5:00 PM	0.01	0.07	0.083	0	79.1	37	50.6	77.7	7.17	0.0708	300	8	100	15
10/25/2021	5:15 PM	0	0	0.083	0	78.6	37	50.1	77.2	7.18	0.0709	299	8	100	15
10/25/2021	5:30 PM	0	0	0.083	0	78.2	38	50.5	76.8	7.29	0.071	300	8	100	15
10/25/2021	5:45 PM	0	0	0.082	0	77.9	38	50.2	76.6	7.29	0.071	298	8	100	15
10/25/2021	6:00 PM	0	0	0.081	0	77.7	38	50.1	76.4	7.3	0.071	299	8	100	15
10/25/2021	6:15 PM	0	0	0.08	0	77.6	39	50.7	76.4	7.5	0.071	298	8	100	15
10/25/2021	6:30 PM	0	0	0.081	0	77.5	39	50.6	76.3	7.5	0.071	300	8	100	15
10/25/2021	6:45 PM	0	0	0.081	0	77.3	39	50.4	76.1	7.5	0.071	300	8	100	15
10/25/2021	7:00 PM	0	0	0.081	0	77.2	39	50.3	76	7.51	0.071	299	8	100	15
10/25/2021	7:15 PM	0	0	0.081	0	77.1	40	50.9	76	7.61	0.071	293	8	100	15
10/25/2021	7:30 PM	0	0	0.081	0	77	40	50.8	75.9	7.61	0.071	298	8	100	15
10/25/2021	7:45 PM	0	0	0.081	0	76.9	40	50.7	75.8	7.61	0.071	298	8	100	15
10/25/2021	8:00 PM	0.01	0	0.081	0	76.8	40	50.6	75.7	7.61	0.071	299	8	100	15
10/25/2021	8:15 PM	0	0	0.09	0	76.6	40	50.5	75.5	7.62	0.071	300	8	100	15
10/25/2021	8:30 PM	0	0	0.095	0	76.4	40	50.3	75.3	7.62	0.0711	300	8	100	15
10/25/2021	8:45 PM	0	0	0.098	0	76.2	40	50.1	75.1	7.63	0.0711	300	8	100	15
10/25/2021	9:00 PM	0	0	0.092	0	76.1	41	50.7	75.1	7.75	0.0711	300	8	100	15
10/25/2021	9:15 PM	0	0	0.091	0	76	41	50.6	75	7.75	0.0712	298	8	100	15
10/25/2021	9:30 PM	0	0	0.089	0	76	41	50.6	75	7.75	0.0712	299	8	100	15
10/25/2021	9:45 PM	0	0	0.081	0	76	41	50.6	75	7.75	0.0712	299	8	100	15
10/25/2021	10:00 PM	0	0	0.077	0	75.9	41	50.5	74.9	7.75	0.0712	300	8	100	15
10/25/2021	10:15 PM	0	0	0.081	0	75.8	41	50.4	74.8	7.75	0.0713	298	8	100	15
10/25/2021	10:30 PM	0	0	0.089	0	75.5	41	50.1	74.5	7.75	0.0713	298	8	100	15
10/25/2021	10:45 PM	0	0	0.093	0	75.1	41	49.8	74.1	7.75	0.0714	300	8	100	15
10/25/2021	11:00 PM	0	0	0.098	0	74.8	41	49.5	73.8	7.76	0.0715	297	8	100	15
10/25/2021	11:15 PM	0	0	0.103	0	74.5	41	49.2	73.4	7.77	0.0715	300	8	100	15
10/25/2021	11:30 PM	0	0	0.107	0	74.2	41	49	73.1	7.78	0.0716	297	8	100	15
10/25/2021	11:45 PM	0	0	0.118	0	73.8	41	48.6	72.7	7.8	0.0717	299	8	100	15
10/26/2021	12:00 AM	0	0	0.126	0	73.3	41	48.2	72.1	7.82	0.0718	298	8	100	15
10/26/2021	12:15 AM	0	0	0.13	0	72.8	41	47.7	71.5	7.84	0.0719	300	8	100	15
10/26/2021	12:30 AM	0	0	0.133	0	72.4	41	47.4	70.9	7.85	0.072	299	8	100	15
10/26/2021	12:45 AM	0	0	0.135	0	72.1	41	47.1	70.4	7.87	0.072	299	8	100	15
10/26/2021	1:00 AM	0	0	0.138	0	71.8	41	46.8	70	7.88	0.0721	299	8	100	15
10/26/2021	1:15 AM	0	0	0.141	0	71.6	41	46.6	69.7	7.89	0.0721	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/26/2021	1:30 AM	50.8	51.5	50.8	86	46.8	3	WSW	0.75	10	WSW	50.6	50.9	50.7	29.208
10/26/2021	1:45 AM	50.5	50.9	50.5	85	46.2	2	WSW	0.5	6	WSW	50.5	50.5	50.5	29.21
10/26/2021	2:00 AM	50.3	50.5	50.3	86	46.3	2	SW	0.5	7	WSW	50.3	50.4	50.4	29.212
10/26/2021	2:15 AM	50.1	50.3	50.1	85	45.8	3	SW	0.75	9	W	49.8	50.2	49.9	29.215
10/26/2021	2:30 AM	50.1	50.2	50	85	45.8	3	SW	0.75	8	SSW	49.8	50.2	49.9	29.21
10/26/2021	2:45 AM	49.6	50.1	49.6	87	45.9	1	SW	0.25	4	WSW	49.6	49.8	49.8	29.202
10/26/2021	3:00 AM	49.4	49.7	49.3	88	46	1	SW	0.25	3	S	49.4	49.6	49.6	29.202
10/26/2021	3:15 AM	49.3	49.5	49.3	88	45.9	1	SW	0.25	6	WSW	49.3	49.5	49.5	29.197
10/26/2021	3:30 AM	49.2	49.4	49.2	89	46.1	1	WSW	0.25	6	SW	49.2	49.5	49.5	29.2
10/26/2021	3:45 AM	49	49.2	49	89	45.9	3	WSW	0.75	10	WSW	48.5	49.3	48.8	29.204
10/26/2021	4:00 AM	48.9	49	48.8	90	46.1	3	SW	0.75	9	WSW	48.4	49.2	48.7	29.202
10/26/2021	4:15 AM	48.8	48.9	48.7	90	46	3	SW	0.75	7	WSW	48.3	49.1	48.6	29.203
10/26/2021	4:30 AM	48.7	48.8	48.7	91	46.2	2	WSW	0.5	8	S	48.7	49	49	29.203
10/26/2021	4:45 AM	48.5	48.7	48.5	93	46.6	3	SW	0.75	8	WSW	48	48.9	48.4	29.207
10/26/2021	5:00 AM	48.3	48.5	48.3	93	46.4	1	SW	0.25	6	SW	48.3	48.6	48.6	29.208
10/26/2021	5:15 AM	48.3	48.3	48.2	94	46.7	1	SW	0.25	6	W	48.3	48.7	48.7	29.208
10/26/2021	5:30 AM	48.2	48.3	48.2	94	46.6	1	SW	0.25	5	SW	48.2	48.6	48.6	29.213
10/26/2021	5:45 AM	48.3	48.4	48.3	94	46.7	1	WSW	0.25	4	SW	48.3	48.7	48.7	29.217
10/26/2021	6:00 AM	48.5	48.5	48.4	94	46.9	1	WSW	0.25	5	SW	48.5	48.9	48.9	29.221
10/26/2021	6:15 AM	48.6	48.6	48.4	93	46.7	1	SW	0.25	4	SSW	48.6	49	49	29.223
10/26/2021	6:30 AM	48.7	48.7	48.5	93	46.8	1	WSW	0.25	5	WSW	48.7	49.1	49.1	29.224
10/26/2021	6:45 AM	48.7	48.8	48.7	94	47.1	1	WSW	0.25	5	SW	48.7	49.1	49.1	29.225
10/26/2021	7:00 AM	48.6	48.7	48.5	95	47.2	1	W	0.25	4	WNW	48.6	49.1	49.1	29.229
10/26/2021	7:15 AM	48.4	48.6	48.4	96	47.3	1	WSW	0.25	3	WNW	48.4	48.9	48.9	29.228
10/26/2021	7:30 AM	48.4	48.4	48.3	96	47.3	1	SW	0.25	2	SW	48.4	48.9	48.9	29.236
10/26/2021	7:45 AM	48.3	48.4	48.3	96	47.2	1	WSW	0.25	4	SSW	48.3	48.8	48.8	29.236
10/26/2021	8:00 AM	48.3	48.3	48.2	96	47.2	1	WSW	0.25	3	SW	48.3	48.8	48.8	29.237
10/26/2021	8:15 AM	48.3	48.3	48.2	97	47.5	0	WSW	0	2	WSW	48.3	48.8	48.8	29.24
10/26/2021	8:30 AM	48.4	48.4	48.2	96	47.3	1	WSW	0.25	3	SSW	48.4	48.9	48.9	29.239
10/26/2021	8:45 AM	48.6	48.6	48.3	94	47	1	SW	0.25	6	NNW	48.6	49	49	29.24
10/26/2021	9:00 AM	48.8	48.9	48.6	88	45.4	3	W	0.75	10	W	48.3	49	48.5	29.241
10/26/2021	9:15 AM	48.9	49	48.8	88	45.5	4	WSW	1	11	WSW	47.6	49.1	47.8	29.249
10/26/2021	9:30 AM	49.4	49.4	48.8	87	45.7	3	W	0.75	10	NW	49	49.6	49.2	29.257
10/26/2021	9:45 AM	49.6	49.7	49.4	83	44.6	4	W	1	10	NW	48.4	49.6	48.4	29.263
10/26/2021	10:00 AM	49.9	50	49.7	84	45.3	3	W	0.75	11	W	49.6	50	49.7	29.255
10/26/2021	10:15 AM	50.3	50.3	49.9	82	45	4	W	1	11	W	49.2	50.3	49.2	29.263

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/26/2021	1:30 AM	0	0	0.148	0	71.3	41	46.4	69.3	7.9	0.0722	299	8	100	15
10/26/2021	1:45 AM	0	0	0.151	0	71.1	41	46.2	69	7.91	0.0722	299	8	100	15
10/26/2021	2:00 AM	0	0	0.153	0	70.9	41	46	68.8	7.91	0.0722	299	8	100	15
10/26/2021	2:15 AM	0	0	0.155	0	70.6	41	45.7	68.4	7.93	0.0723	298	8	100	15
10/26/2021	2:30 AM	0	0	0.155	0	70.4	41	45.6	68.1	7.93	0.0723	299	8	100	15
10/26/2021	2:45 AM	0	0	0.16	0	70.1	42	45.9	67.8	8.05	0.0723	300	8	100	15
10/26/2021	3:00 AM	0	0	0.162	0	70	42	45.8	67.7	8.05	0.0723	300	8	100	15
10/26/2021	3:15 AM	0	0	0.164	0	69.9	42	45.8	67.6	8.05	0.0724	298	8	100	15
10/26/2021	3:30 AM	0	0	0.165	0	69.8	42	45.7	67.5	8.05	0.0724	300	8	100	15
10/26/2021	3:45 AM	0	0	0.167	0	69.6	42	45.5	67.3	8.06	0.0724	300	8	100	15
10/26/2021	4:00 AM	0	0	0.168	0	69.4	42	45.3	67.1	8.06	0.0724	300	8	100	15
10/26/2021	4:15 AM	0	0	0.169	0	69.2	42	45.1	66.9	8.07	0.0725	299	8	100	15
10/26/2021	4:30 AM	0	0	0.17	0	69	42	44.9	66.7	8.07	0.0725	297	8	100	15
10/26/2021	4:45 AM	0	0	0.172	0	68.8	42	44.8	66.5	8.07	0.0726	298	8	100	15
10/26/2021	5:00 AM	0	0	0.174	0	68.4	42	44.4	66.2	8.08	0.0726	298	8	100	15
10/26/2021	5:15 AM	0	0	0.174	0	68.2	42	44.2	66.1	8.09	0.0727	300	8	100	15
10/26/2021	5:30 AM	0	0	0.175	0	68.1	43	44.7	66.1	8.25	0.0727	300	8	100	15
10/26/2021	5:45 AM	0	0	0.174	0	68	43	44.7	66	8.25	0.0727	299	8	100	15
10/26/2021	6:00 AM	0	0	0.172	0	68	43	44.7	66	8.25	0.0727	299	8	100	15
10/26/2021	6:15 AM	0	0	0.171	0	68.1	43	44.7	66.1	8.25	0.0727	297	8	100	15
10/26/2021	6:30 AM	0	0	0.17	0	68.2	43	44.8	66.2	8.25	0.0727	298	8	100	15
10/26/2021	6:45 AM	0	0	0.17	0	68.3	43	44.9	66.2	8.25	0.0727	299	8	100	15
10/26/2021	7:00 AM	0	0	0.171	0	68.2	43	44.8	66.2	8.25	0.0727	299	8	100	15
10/26/2021	7:15 AM	0.01	0	0.173	0	68.1	43	44.7	66.1	8.25	0.0727	300	8	100	15
10/26/2021	7:30 AM	0.01	0.04	0.173	0	68	43	44.7	66	8.25	0.0727	300	8	100	15
10/26/2021	7:45 AM	0.02	0.06	0.174	0	67.9	43	44.6	65.9	8.25	0.0728	299	8	100	15
10/26/2021	8:00 AM	0.01	0.05	0.174	0	67.9	44	45.2	66	8.35	0.0727	299	8	100	15
10/26/2021	8:15 AM	0.02	0.11	0.174	0	67.8	44	45.1	65.9	8.35	0.0728	300	8	100	15
10/26/2021	8:30 AM	0.01	0.06	0.173	0	67.8	44	45.1	65.9	8.35	0.0728	300	8	100	15
10/26/2021	8:45 AM	0	0	0.171	0	67.7	44	45	65.8	8.35	0.0728	299	8	100	15
10/26/2021	9:00 AM	0	0	0.169	0	67.6	44	44.9	65.7	8.35	0.0728	299	8	100	15
10/26/2021	9:15 AM	0	0	0.168	0	67.4	44	44.7	65.4	8.35	0.0729	299	8	100	15
10/26/2021	9:30 AM	0	0	0.162	0	67.3	44	44.6	65.3	8.35	0.0729	298	8	100	15
10/26/2021	9:45 AM	0	0	0.16	0	67.3	44	44.6	65.3	8.35	0.0729	297	8	100	15
10/26/2021	10:00 AM	0	0	0.157	0	67.3	44	44.6	65.3	8.35	0.0729	299	8	100	15
10/26/2021	10:15 AM	0	0	0.153	0	67.5	44	44.8	65.6	8.35	0.0729	296	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/26/2021	10:30 AM	50.6	50.6	50.2	83	45.6	3	WSW	0.75	8	WNW	50.4	50.6	50.4	29.267
10/26/2021	10:45 AM	51.2	51.2	50.6	80	45.2	4	WNW	1	13	WSW	50.2	51	50	29.269
10/26/2021	11:00 AM	51.3	51.4	51.1	79	45	4	SW	1	10	WSW	50.4	51.1	50.2	29.274
10/26/2021	11:15 AM	51.9	51.9	51.3	77	44.9	4	NW	1	11	W	51.1	51.6	50.8	29.278
10/26/2021	11:30 AM	51.5	51.9	51.5	78	44.9	3	WSW	0.75	10	NW	51.4	51.2	51.1	29.278
10/26/2021	11:45 AM	51.3	51.6	51.3	79	45	2	WNW	0.5	7	SSW	51.3	51.1	51.1	29.276
10/26/2021	12:00 PM	51.3	51.4	51.1	84	46.6	3	W	0.75	8	W	51.1	51.3	51.1	29.276
10/26/2021	12:15 PM	51.8	51.8	51.3	81	46.2	3	WNW	0.75	8	NNW	51.7	51.6	51.5	29.268
10/26/2021	12:30 PM	51	51.9	51	81	45.4	4	NW	1	10	WSW	50	50.8	49.8	29.272
10/26/2021	12:45 PM	51.7	51.7	50.7	80	45.7	4	W	1	11	WSW	50.8	51.5	50.6	29.273
10/26/2021	1:00 PM	51.8	51.8	51.5	78	45.2	4	W	1	9	WSW	51	51.5	50.7	29.275
10/26/2021	1:15 PM	53.7	53.7	51.8	76	46.3	5	W	1.25	11	NW	52.5	53.2	52	29.276
10/26/2021	1:30 PM	53.6	54.2	53.6	72	44.8	4	WSW	1	10	WSW	53	52.9	52.3	29.274
10/26/2021	1:45 PM	53.6	53.7	53.3	67	42.9	5	NW	1.25	10	SW	52.4	52.7	51.5	29.274
10/26/2021	2:00 PM	51.4	53.7	51.4	80	45.4	4	NW	1	11	WNW	50.5	51.2	50.3	29.276
10/26/2021	2:15 PM	50.7	51.4	50.6	83	45.7	3	NW	0.75	9	NNE	50.5	50.7	50.5	29.282
10/26/2021	2:30 PM	51.1	51.2	50.5	81	45.5	3	NW	0.75	11	NNW	50.9	50.9	50.7	29.277
10/26/2021	2:45 PM	51.6	51.8	51.1	77	44.6	4	W	1	11	W	50.7	51.3	50.4	29.27
10/26/2021	3:00 PM	51.4	51.6	51.1	75	43.7	4	NW	1	11	W	50.5	51	50.1	29.264
10/26/2021	3:15 PM	53.4	53.4	51.4	71	44.2	5	W	1.25	13	W	52.2	52.7	51.5	29.261
10/26/2021	3:30 PM	51.9	53.4	51.9	71	42.8	4	WNW	1	16	NNW	51.1	51.3	50.5	29.262
10/26/2021	3:45 PM	51.7	52	51.6	72	43	4	W	1	10	W	50.8	51.1	50.2	29.268
10/26/2021	4:00 PM	50.6	51.7	50.5	74	42.6	4	WNW	1	13	NW	49.6	50.2	49.2	29.275
10/26/2021	4:15 PM	49.3	50.5	49.3	73	41	4	NW	1	12	N	48.1	49	47.8	29.284
10/26/2021	4:30 PM	49.8	49.8	49	69	40	4	NNW	1	11	NNE	48.7	49.4	48.3	29.285
10/26/2021	4:45 PM	50	50.3	49.8	68	39.8	4	NW	1	10	W	48.9	49.5	48.4	29.288
10/26/2021	5:00 PM	50.1	50.3	49.9	66	39.2	4	NW	1	14	SW	49	49.5	48.4	29.297
10/26/2021	5:15 PM	49.3	50.2	49.3	64	37.6	3	W	0.75	9	NNW	48.9	48.7	48.3	29.299
10/26/2021	5:30 PM	48.9	49.3	48.9	64	37.3	3	NW	0.75	7	WNW	48.4	48.3	47.8	29.297
10/26/2021	5:45 PM	48.8	49	48.8	64	37.2	3	W	0.75	9	WNW	48.3	48.1	47.6	29.296
10/26/2021	6:00 PM	48.3	48.9	48.3	65	37.1	2	W	0.5	6	W	48.3	47.6	47.6	29.295
10/26/2021	6:15 PM	48.5	48.5	48.3	66	37.7	1	WNW	0.25	7	W	48.5	47.9	47.9	29.3
10/26/2021	6:30 PM	47.2	48.5	47.2	68	37.2	2	W	0.5	7	NW	47.2	46.6	46.6	29.297
10/26/2021	6:45 PM	46.1	47.2	46.1	70	36.9	1	W	0.25	4	WSW	46.1	45.6	45.6	29.296
10/26/2021	7:00 PM	45.5	46.1	45.5	71	36.6	1	W	0.25	3	WSW	45.5	45	45	29.298
10/26/2021	7:15 PM	44.7	45.5	44.7	73	36.6	0	W	0	3	WSW	44.7	44.3	44.3	29.301

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/26/2021	10:30 AM	0	0	0.15	0	67.6	44	44.9	65.7	8.35	0.0729	298	8	100	15
10/26/2021	10:45 AM	0	0	0.144	0	67.8	44	45.1	65.9	8.35	0.0728	296	8	100	15
10/26/2021	11:00 AM	0	0	0.143	0	67.9	44	45.2	66	8.35	0.0728	297	8	100	15
10/26/2021	11:15 AM	0	0	0.136	0	68.1	44	45.4	66.2	8.35	0.0728	300	8	100	15
10/26/2021	11:30 AM	0	0	0.141	0	68.4	44	45.6	66.4	8.35	0.0728	300	8	100	15
10/26/2021	11:45 AM	0	0	0.143	0	68.7	44	45.9	66.7	8.35	0.0727	299	8	100	15
10/26/2021	12:00 PM	0	0	0.143	0	68.9	44	46.1	66.8	8.35	0.0727	298	8	100	15
10/26/2021	12:15 PM	0	0	0.138	0	69.2	44	46.4	67.1	8.35	0.0726	299	8	100	15
10/26/2021	12:30 PM	0	0	0.146	0	69.5	44	46.6	67.4	8.35	0.0726	296	8	100	15
10/26/2021	12:45 PM	0	0	0.139	0	69.5	44	46.6	67.4	8.35	0.0726	298	8	100	15
10/26/2021	1:00 PM	0	0	0.138	0	69.7	44	46.8	67.5	8.35	0.0725	298	8	100	15
10/26/2021	1:15 PM	0	0	0.118	0	69.9	44	47	67.7	8.35	0.0725	300	8	100	15
10/26/2021	1:30 PM	0	0	0.119	0	70.2	44	47.3	68.1	8.35	0.0725	298	8	100	15
10/26/2021	1:45 PM	0	0	0.119	0	70.6	44	47.6	68.6	8.34	0.0724	298	8	100	15
10/26/2021	2:00 PM	0	0	0.142	0	71	44	48	69.1	8.33	0.0723	297	8	100	15
10/26/2021	2:15 PM	0	0	0.149	0	71.1	43	47.5	69.2	8.21	0.0723	298	8	100	15
10/26/2021	2:30 PM	0	0	0.145	0	71.2	43	47.6	69.3	8.2	0.0723	296	8	100	15
10/26/2021	2:45 PM	0	0	0.14	0	71.8	44	48.7	70.2	8.31	0.0722	296	8	100	15
10/26/2021	3:00 PM	0	0	0.142	0	72.5	44	49.3	71.3	8.3	0.0721	298	8	100	15
10/26/2021	3:15 PM	0	0	0.121	0	73.3	44	50.1	72.4	8.28	0.0719	299	8	100	15
10/26/2021	3:30 PM	0	0	0.136	0	73.9	43	50	73	8.09	0.0718	295	8	100	15
10/26/2021	3:45 PM	0	0	0.139	0	73.9	42	49.4	72.9	7.97	0.0719	300	8	100	15
10/26/2021	4:00 PM	0	0	0.15	0	73.6	41	48.4	72.5	7.81	0.072	300	8	100	15
10/26/2021	4:15 PM	0	0	0.164	0	73.1	40	47.3	71.8	7.69	0.0721	298	8	100	15
10/26/2021	4:30 PM	0	0	0.158	0	72.6	40	46.9	71.1	7.7	0.0722	299	8	100	15
10/26/2021	4:45 PM	0	0	0.156	0	72.1	40	46.4	70.3	7.71	0.0723	298	8	100	15
10/26/2021	5:00 PM	0	0	0.155	0	71.7	40	46.1	69.8	7.72	0.0723	298	8	100	15
10/26/2021	5:15 PM	0	0	0.164	0	71.4	40	45.8	69.4	7.72	0.0724	300	8	100	15
10/26/2021	5:30 PM	0	0	0.168	0	71	40	45.5	68.8	7.73	0.0725	297	8	100	15
10/26/2021	5:45 PM	0	0	0.169	0	70.8	39	44.6	68.5	7.63	0.0725	300	8	100	15
10/26/2021	6:00 PM	0	0	0.174	0	70.5	39	44.3	68.1	7.64	0.0726	296	8	100	15
10/26/2021	6:15 PM	0	0	0.172	0	70.3	39	44.2	67.8	7.64	0.0726	300	8	100	15
10/26/2021	6:30 PM	0	0	0.185	0	70.1	39	44	67.5	7.65	0.0726	298	8	100	15
10/26/2021	6:45 PM	0	0	0.197	0	69.7	39	43.6	67.1	7.66	0.0727	298	8	100	15
10/26/2021	7:00 PM	0	0	0.203	0	69.3	39	43.3	66.7	7.66	0.0728	298	8	100	15
10/26/2021	7:15 PM	0	0	0.211	0	68.9	38	42.2	66.2	7.55	0.0728	298	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/26/2021	7:30 PM	44.5	44.7	44.5	74	36.7	1	WSW	0.25	4	WSW	44.5	44.1	44.1	29.308
10/26/2021	7:45 PM	43.2	44.5	43.2	79	37.1	0	---	0	0	---	43.2	42.9	42.9	29.314
10/26/2021	8:00 PM	42.1	43.2	42	82	37	0	---	0	0	---	42.1	41.8	41.8	29.317
10/26/2021	8:15 PM	41.5	42	41.4	85	37.3	0	---	0	0	---	41.5	41.3	41.3	29.317
10/26/2021	8:30 PM	41.5	41.6	41.5	88	38.2	0	---	0	0	---	41.5	41.4	41.4	29.321
10/26/2021	8:45 PM	41.5	41.6	41.4	88	38.2	0	---	0	0	---	41.5	41.4	41.4	29.326
10/26/2021	9:00 PM	41	41.5	41	89	38	0	---	0	0	---	41	40.9	40.9	29.325
10/26/2021	9:15 PM	40.6	41	40.6	89	37.6	0	W	0	2	W	40.6	40.5	40.5	29.328
10/26/2021	9:30 PM	40.7	40.7	40.4	88	37.4	0	WSW	0	2	WSW	40.7	40.6	40.6	29.322
10/26/2021	9:45 PM	40.7	40.8	40.6	87	37.1	0	WSW	0	1	WSW	40.7	40.5	40.5	29.327
10/26/2021	10:00 PM	41.1	41.1	40.7	85	36.9	0	WSW	0	2	SW	41.1	40.9	40.9	29.329
10/26/2021	10:15 PM	42.5	42.5	41.1	82	37.4	1	WSW	0.25	4	SW	42.5	42.3	42.3	29.33
10/26/2021	10:30 PM	41.5	42.5	41.5	84	37	0	WSW	0	3	W	41.5	41.3	41.3	29.327
10/26/2021	10:45 PM	42.1	42.2	41.4	83	37.3	1	SW	0.25	9	WSW	42.1	41.9	41.9	29.326
10/26/2021	11:00 PM	40.7	42.2	40.7	86	36.8	1	ENE	0.25	5	SW	40.7	40.5	40.5	29.331
10/26/2021	11:15 PM	39.1	40.6	39.1	89	36.1	0	---	0	0	---	39.1	39	39	29.333
10/26/2021	11:30 PM	38.1	39.1	38	90	35.4	0	E	0	2	E	38.1	38	38	29.33
10/26/2021	11:45 PM	37.4	38.1	37.4	92	35.3	0	---	0	0	---	37.4	37.3	37.3	29.325
10/27/2021	12:00 AM	36.9	37.4	36.9	93	35.1	0	---	0	0	---	36.9	36.9	36.9	29.326
10/27/2021	12:15 AM	36.8	36.9	36.8	94	35.2	0	---	0	0	---	36.8	36.8	36.8	29.323
10/27/2021	12:30 AM	36.6	36.9	36.6	94	35	0	---	0	0	---	36.6	36.6	36.6	29.331
10/27/2021	12:45 AM	36.3	36.6	36.2	95	35	0	---	0	0	---	36.3	36.3	36.3	29.332
10/27/2021	1:00 AM	36.5	36.6	36.3	96	35.5	0	---	0	0	---	36.5	36.5	36.5	29.327
10/27/2021	1:15 AM	36.2	36.6	36.1	94	34.6	0	E	0	2	E	36.2	36.2	36.2	29.327
10/27/2021	1:30 AM	35.5	36.2	35.5	94	33.9	0	ESE	0	2	ENE	35.5	35.5	35.5	29.327
10/27/2021	1:45 AM	35.5	35.5	35.4	96	34.5	0	E	0	2	E	35.5	35.5	35.5	29.327
10/27/2021	2:00 AM	35.5	35.5	35.3	96	34.5	0	---	0	0	---	35.5	35.5	35.5	29.325
10/27/2021	2:15 AM	35.2	35.6	35.2	95	33.9	0	---	0	0	---	35.2	35.2	35.2	29.327
10/27/2021	2:30 AM	34.8	35.2	34.8	95	33.5	0	N	0	2	N	34.8	34.8	34.8	29.331
10/27/2021	2:45 AM	34.8	34.8	34.7	96	33.8	0	N	0	2	N	34.8	34.8	34.8	29.336
10/27/2021	3:00 AM	34.3	34.8	34.3	95	33	0	---	0	0	---	34.3	34.2	34.2	29.336
10/27/2021	3:15 AM	34	34.3	34	96	33	0	---	0	0	---	34	33.9	33.9	29.342
10/27/2021	3:30 AM	33.6	34	33.6	96	32.6	0	---	0	0	---	33.6	33.5	33.5	29.348
10/27/2021	3:45 AM	33.3	33.6	33.3	96	32.3	0	---	0	0	---	33.3	33.2	33.2	29.345
10/27/2021	4:00 AM	33.4	33.4	33.3	97	32.6	0	SE	0	3	SE	33.4	33.3	33.3	29.346
10/27/2021	4:15 AM	33.1	33.4	33.1	96	32.1	0	N	0	1	N	33.1	33	33	29.345

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/26/2021	7:30 PM	0	0	0.214	0	68.5	38	41.9	65.9	7.55	0.0729	296	8	100	15
10/26/2021	7:45 PM	0	0	0.227	0	68.1	38	41.5	65.6	7.55	0.073	300	8	100	15
10/26/2021	8:00 PM	0	0	0.239	0	68	38	41.4	65.5	7.55	0.073	170	8	58.4	15
10/26/2021	8:15 PM	0	0	0.245	0	67.5	38	41	64.9	7.55	0.0731	299	8	100	15
10/26/2021	8:30 PM	0	0	0.245	0	67.2	39	41.4	64.7	7.71	0.0732	299	8	100	15
10/26/2021	8:45 PM	0	0	0.245	0	67	39	41.2	64.5	7.71	0.0732	300	8	100	15
10/26/2021	9:00 PM	0	0	0.25	0	66.8	39	41	64.3	7.71	0.0732	300	8	100	15
10/26/2021	9:15 PM	0	0	0.254	0	66.5	39	40.8	64	7.72	0.0733	300	8	100	15
10/26/2021	9:30 PM	0	0	0.253	0	66.2	39	40.5	63.6	7.73	0.0733	300	8	100	15
10/26/2021	9:45 PM	0	0	0.253	0	65.8	39	40.1	63.2	7.73	0.0734	299	8	100	15
10/26/2021	10:00 PM	0	0	0.249	0	65.4	39	39.8	62.8	7.74	0.0735	300	8	100	15
10/26/2021	10:15 PM	0	0	0.234	0	65.1	39	39.5	62.5	7.75	0.0735	299	8	100	15
10/26/2021	10:30 PM	0	0	0.245	0	64.8	39	39.2	62.2	7.75	0.0736	300	8	100	15
10/26/2021	10:45 PM	0	0	0.239	0	64.5	39	39	61.9	7.74	0.0736	298	8	100	15
10/26/2021	11:00 PM	0	0	0.253	0	64.2	39	38.7	61.5	7.73	0.0737	298	8	100	15
10/26/2021	11:15 PM	0	0	0.27	0	63.8	39	38.4	61.1	7.73	0.0737	300	8	100	15
10/26/2021	11:30 PM	0	0	0.28	0	63.5	39	38.1	60.8	7.72	0.0738	299	8	100	15
10/26/2021	11:45 PM	0	0	0.287	0	63.2	39	37.8	60.4	7.71	0.0738	298	8	100	15
10/27/2021	12:00 AM	0	0	0.293	0	62.9	39	37.5	60.1	7.71	0.0739	298	8	100	15
10/27/2021	12:15 AM	0	0	0.294	0	62.7	39	37.4	59.9	7.7	0.0739	300	8	100	15
10/27/2021	12:30 AM	0	0	0.296	0	62.3	39	37	59.5	7.7	0.074	300	8	100	15
10/27/2021	12:45 AM	0	0	0.299	0	62.1	39	36.8	59.3	7.69	0.074	299	8	100	15
10/27/2021	1:00 AM	0	0	0.297	0	61.9	39	36.7	59.1	7.69	0.074	299	8	100	15
10/27/2021	1:15 AM	0	0	0.3	0	61.7	39	36.5	58.9	7.68	0.0741	298	8	100	15
10/27/2021	1:30 AM	0	0	0.307	0	61.4	39	36.2	58.6	7.68	0.0741	300	8	100	15
10/27/2021	1:45 AM	0	0	0.307	0	61.1	39	35.9	58.3	7.67	0.0742	300	8	100	15
10/27/2021	2:00 AM	0	0	0.307	0	60.8	39	35.7	58	7.67	0.0742	300	8	100	15
10/27/2021	2:15 AM	0	0	0.31	0	60.7	39	35.6	57.9	7.66	0.0742	300	8	100	15
10/27/2021	2:30 AM	0	0	0.315	0	60.4	39	35.3	57.6	7.66	0.0743	300	8	100	15
10/27/2021	2:45 AM	0	0	0.315	0	60.2	39	35.1	57.4	7.65	0.0743	298	8	100	15
10/27/2021	3:00 AM	0	0	0.32	0	60.1	39	35	57.3	7.65	0.0743	218	8	74.9	15
10/27/2021	3:15 AM	0	0	0.323	0	59.8	39	34.8	57.1	7.65	0.0744	299	8	100	15
10/27/2021	3:30 AM	0	0	0.327	0	59.6	40	35.2	56.9	7.85	0.0744	299	8	100	15
10/27/2021	3:45 AM	0	0	0.33	0	59.3	39	34.3	56.6	7.65	0.0745	299	8	100	15
10/27/2021	4:00 AM	0	0	0.329	0	59.1	39	34.1	56.4	7.65	0.0745	300	8	100	15
10/27/2021	4:15 AM	0	0	0.332	0	58.8	39	33.9	56.1	7.65	0.0746	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/27/2021	4:30 AM	33.1	33.3	33.1	97	32.3	0	ENE	0	2	NNE	33.1	33	33	29.345
10/27/2021	4:45 AM	33	33.2	32.9	97	32.2	0	---	0	0	---	33	32.9	32.9	29.352
10/27/2021	5:00 AM	33.1	33.2	33	97	32.3	0	---	0	0	---	33.1	33	33	29.346
10/27/2021	5:15 AM	32.9	33.1	32.9	97	32.1	0	---	0	0	---	32.9	32.8	32.8	29.349
10/27/2021	5:30 AM	32.7	33	32.7	97	31.9	0	---	0	0	---	32.7	32.7	32.7	29.349
10/27/2021	5:45 AM	33.3	33.3	32.8	97	32.5	1	N	0.25	2	N	33.3	33.2	33.2	29.343
10/27/2021	6:00 AM	33.1	33.4	33.1	97	32.3	0	---	0	0	---	33.1	33	33	29.346
10/27/2021	6:15 AM	33.1	33.1	33	97	32.3	0	---	0	0	---	33.1	33	33	29.344
10/27/2021	6:30 AM	32.5	33.1	32.5	97	31.7	0	---	0	0	---	32.5	32.5	32.5	29.343
10/27/2021	6:45 AM	32.1	32.5	32	97	31.3	0	---	0	0	---	32.1	32.1	32.1	29.344
10/27/2021	7:00 AM	32.3	32.3	32.1	97	31.5	0	---	0	0	---	32.3	32.3	32.3	29.343
10/27/2021	7:15 AM	31.7	32.3	31.7	97	30.9	0	---	0	0	---	31.7	31.7	31.7	29.344
10/27/2021	7:30 AM	31.6	31.8	31.6	97	30.8	0	---	0	0	---	31.6	31.6	31.6	29.344
10/27/2021	7:45 AM	31.4	31.6	31.3	97	30.6	0	---	0	0	---	31.4	31.4	31.4	29.347
10/27/2021	8:00 AM	31.3	31.4	31.2	97	30.5	0	---	0	0	---	31.3	31.3	31.3	29.352
10/27/2021	8:15 AM	31.3	31.4	31.2	98	30.8	0	---	0	0	---	31.3	31.3	31.3	29.357
10/27/2021	8:30 AM	32.2	32.2	31.6	98	31.7	0	---	0	0	---	32.2	32.2	32.2	29.357
10/27/2021	8:45 AM	34.2	34.2	32.2	98	33.7	0	---	0	0	---	34.2	34.2	34.2	29.364
10/27/2021	9:00 AM	36.1	36.1	34.2	98	35.6	0	---	0	0	---	36.1	36.2	36.2	29.367
10/27/2021	9:15 AM	37.3	37.3	36.1	96	36.3	0	---	0	0	---	37.3	37.3	37.3	29.375
10/27/2021	9:30 AM	40	40	37.3	93	38.1	0	---	0	0	---	40	40	40	29.368
10/27/2021	9:45 AM	41.8	41.8	40	93	39.9	0	W	0	2	NW	41.8	41.9	41.9	29.368
10/27/2021	10:00 AM	44.2	44.2	41.9	85	40	0	WSW	0	2	WSW	44.2	44.1	44.1	29.367
10/27/2021	10:15 AM	44.8	45.1	44.3	78	38.4	1	SSW	0.25	3	SE	44.8	44.5	44.5	29.372
10/27/2021	10:30 AM	45.4	45.4	44.5	78	38.9	2	SW	0.5	5	SW	45.4	45.1	45.1	29.373
10/27/2021	10:45 AM	46.6	46.6	45.4	73	38.4	1	WSW	0.25	4	WSW	46.6	46.2	46.2	29.372
10/27/2021	11:00 AM	47.5	47.5	46.6	73	39.3	2	SSW	0.5	3	SW	47.5	47.1	47.1	29.37
10/27/2021	11:15 AM	47.8	47.8	47.4	70	38.5	2	SSW	0.5	5	SSW	47.8	47.3	47.3	29.376
10/27/2021	11:30 AM	48.5	48.5	47.8	68	38.4	2	WSW	0.5	6	SW	48.5	48	48	29.37
10/27/2021	11:45 AM	49.3	49.5	48.5	62	36.8	2	SE	0.5	5	SSE	49.3	48.6	48.6	29.368
10/27/2021	12:00 PM	50.5	50.5	49.3	61	37.5	2	NNW	0.5	6	SSE	50.5	49.7	49.7	29.366
10/27/2021	12:15 PM	50.9	50.9	50.3	61	37.9	2	W	0.5	6	SW	50.9	50	50	29.364
10/27/2021	12:30 PM	51.6	51.6	50.4	63	39.4	2	SSW	0.5	7	WSW	51.6	50.7	50.7	29.357
10/27/2021	12:45 PM	52.8	52.8	51.6	61	39.7	2	NW	0.5	8	NW	52.8	51.7	51.7	29.349
10/27/2021	1:00 PM	52.8	53	52.6	59	38.9	2	W	0.5	8	NW	52.8	51.6	51.6	29.34
10/27/2021	1:15 PM	53.4	53.8	52.8	61	40.3	3	W	0.75	9	W	53.4	52.2	52.2	29.33

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/27/2021	4:30 AM	0	0	0.332	0	58.6	39	33.7	55.9	7.65	0.0746	299	8	100	15
10/27/2021	4:45 AM	0	0	0.333	0	58.4	40	34.2	55.8	7.85	0.0746	299	8	100	15
10/27/2021	5:00 AM	0	0	0.332	0	58.2	40	34	55.6	7.85	0.0747	300	8	100	15
10/27/2021	5:15 AM	0	0	0.334	0	58	40	33.8	55.4	7.85	0.0747	300	8	100	15
10/27/2021	5:30 AM	0	0	0.336	0	57.9	40	33.7	55.3	7.85	0.0747	300	8	100	15
10/27/2021	5:45 AM	0	0	0.33	0	57.7	40	33.5	55.1	7.85	0.0747	300	8	100	15
10/27/2021	6:00 AM	0	0	0.332	0	57.5	40	33.3	55	7.85	0.0748	299	8	100	15
10/27/2021	6:15 AM	0	0	0.332	0	57.4	40	33.3	54.9	7.85	0.0748	300	8	100	15
10/27/2021	6:30 AM	0	0	0.339	0	57.2	40	33.1	54.7	7.85	0.0748	300	8	100	15
10/27/2021	6:45 AM	0	0	0.343	0	57.1	40	33	54.6	7.85	0.0748	300	8	100	15
10/27/2021	7:00 AM	0	0	0.341	0	57	40	32.9	54.5	7.85	0.0748	300	8	100	15
10/27/2021	7:15 AM	0	0	0.347	0	56.9	40	32.8	54.4	7.85	0.0749	299	8	100	15
10/27/2021	7:30 AM	0	0	0.348	0	56.8	40	32.7	54.3	7.85	0.0749	299	8	100	15
10/27/2021	7:45 AM	0	0	0.35	0	56.7	40	32.6	54.2	7.85	0.0749	300	8	100	15
10/27/2021	8:00 AM	0	0	0.351	0	56.7	40	32.6	54.2	7.85	0.0749	300	8	100	15
10/27/2021	8:15 AM	0	0	0.351	0	56.6	40	32.5	54.1	7.85	0.0749	274	8	94.2	15
10/27/2021	8:30 AM	0	0	0.342	0	56.6	40	32.5	54.1	7.85	0.0749	210	8	72.2	15
10/27/2021	8:45 AM	0	0	0.321	0	56.5	40	32.4	54	7.85	0.075	300	8	100	15
10/27/2021	9:00 AM	0	0	0.301	0	56.4	40	32.4	54	7.85	0.075	300	8	100	15
10/27/2021	9:15 AM	0	0	0.289	0	56.6	41	33.2	54.2	7.98	0.075	300	8	100	15
10/27/2021	9:30 AM	0	0	0.26	0	56.8	41	33.3	54.4	7.99	0.0749	300	8	100	15
10/27/2021	9:45 AM	0	0	0.242	0	57.2	41	33.7	54.7	7.99	0.0749	299	8	100	15
10/27/2021	10:00 AM	0	0	0.217	0	57.6	42	34.7	55.2	8.15	0.0748	300	8	100	15
10/27/2021	10:15 AM	0	0	0.21	0	58.1	42	35.1	55.6	8.15	0.0747	300	8	100	15
10/27/2021	10:30 AM	0	0	0.204	0	58.6	42	35.6	56.1	8.15	0.0746	300	8	100	15
10/27/2021	10:45 AM	0	0	0.192	0	59.1	42	36	56.6	8.15	0.0746	298	8	100	15
10/27/2021	11:00 AM	0	0	0.182	0	59.7	42	36.6	57.2	8.15	0.0745	298	8	100	15
10/27/2021	11:15 AM	0	0	0.179	0	60.3	42	37.1	57.8	8.15	0.0744	299	8	100	15
10/27/2021	11:30 AM	0	0	0.172	0	60.9	42	37.6	58.4	8.15	0.0743	296	8	100	15
10/27/2021	11:45 AM	0	0	0.164	0	61.5	42	38.2	59	8.15	0.0742	299	8	100	15
10/27/2021	12:00 PM	0	0	0.151	0	62	42	38.6	59.5	8.15	0.0741	300	8	100	15
10/27/2021	12:15 PM	0	0	0.147	0	62.6	42	39.2	60.1	8.15	0.074	297	8	100	15
10/27/2021	12:30 PM	0	0	0.14	0	63.3	42	39.8	60.8	8.15	0.0738	297	8	100	15
10/27/2021	12:45 PM	0	0	0.127	0	63.9	42	40.3	61.5	8.15	0.0737	300	8	100	15
10/27/2021	1:00 PM	0	0	0.127	0	64.6	42	41	62.2	8.15	0.0736	296	8	100	15
10/27/2021	1:15 PM	0	0	0.121	0	65.4	42	41.7	63.1	8.14	0.0734	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/27/2021	1:30 PM	54	54.1	53.1	65	42.5	1	WNW	0.25	9	E	54	53	53	29.322
10/27/2021	1:45 PM	56	56	54.1	62	43.2	2	WNW	0.5	6	ESE	56	54.7	54.7	29.313
10/27/2021	2:00 PM	57	57	56	58	42.4	3	N	0.75	8	N	57	55.5	55.5	29.31
10/27/2021	2:15 PM	57.5	57.5	57	56	41.9	3	NNW	0.75	8	NW	57.5	55.9	55.9	29.304
10/27/2021	2:30 PM	57.3	57.5	56.9	57	42.2	3	W	0.75	7	N	57.3	55.7	55.7	29.31
10/27/2021	2:45 PM	57.8	57.8	57.2	57	42.7	2	NE	0.5	6	E	57.8	56.2	56.2	29.294
10/27/2021	3:00 PM	58.3	58.5	57.8	55	42.2	2	NW	0.5	7	WSW	58.3	56.6	56.6	29.299
10/27/2021	3:15 PM	58.6	58.7	58.4	54	42	2	SE	0.5	6	ESE	58.6	56.8	56.8	29.286
10/27/2021	3:30 PM	59.7	59.7	58.6	54	43	2	NW	0.5	6	ESE	59.7	57.9	57.9	29.278
10/27/2021	3:45 PM	60.4	60.4	59.6	53	43.2	1	NW	0.25	6	NW	60.4	58.6	58.6	29.272
10/27/2021	4:00 PM	60.4	60.5	60.3	53	43.2	1	E	0.25	7	ESE	60.4	58.6	58.6	29.267
10/27/2021	4:15 PM	60	60.4	59.8	53	42.8	2	ESE	0.5	8	ESE	60	58.2	58.2	29.262
10/27/2021	4:30 PM	60	60	59.8	56	44.3	2	E	0.5	6	ESE	60	58.4	58.4	29.266
10/27/2021	4:45 PM	60.2	60.3	59.9	55	44	2	ESE	0.5	5	NE	60.2	58.5	58.5	29.258
10/27/2021	5:00 PM	60	60.2	60	55	43.8	2	ESE	0.5	6	ESE	60	58.3	58.3	29.254
10/27/2021	5:15 PM	59.5	60.1	59.4	58	44.7	1	ESE	0.25	4	SE	59.5	58	58	29.252
10/27/2021	5:30 PM	58.8	59.5	58.8	59	44.5	1	ESE	0.25	4	NNE	58.8	57.3	57.3	29.246
10/27/2021	5:45 PM	57.4	58.8	57.4	66	46.1	0	ESE	0	2	ESE	57.4	56.3	56.3	29.241
10/27/2021	6:00 PM	56.7	57.4	56.7	67	45.9	1	ESE	0.25	2	ESE	56.7	55.7	55.7	29.24
10/27/2021	6:15 PM	56.2	56.6	56.2	71	46.9	0	ESE	0	2	ESE	56.2	55.4	55.4	29.242
10/27/2021	6:30 PM	54.6	56.2	54.6	73	46.1	0	---	0	0	---	54.6	53.9	53.9	29.248
10/27/2021	6:45 PM	52.9	54.6	52.9	76	45.5	0	---	0	0	---	52.9	52.5	52.5	29.251
10/27/2021	7:00 PM	51.4	52.9	51.4	79	45.1	0	---	0	0	---	51.4	51.2	51.2	29.249
10/27/2021	7:15 PM	50.3	51.3	50.3	82	45	0	---	0	0	---	50.3	50.3	50.3	29.248
10/27/2021	7:30 PM	49.4	50.3	49.4	83	44.5	0	---	0	0	---	49.4	49.4	49.4	29.248
10/27/2021	7:45 PM	49	49.4	48.9	84	44.4	0	---	0	0	---	49	49.1	49.1	29.251
10/27/2021	8:00 PM	48.4	48.9	48.4	85	44.1	0	---	0	0	---	48.4	48.4	48.4	29.254
10/27/2021	8:15 PM	47.6	48.4	47.6	87	43.9	0	N	0	2	N	47.6	47.7	47.7	29.25
10/27/2021	8:30 PM	47.2	47.6	47.1	89	44.1	0	ENE	0	1	ENE	47.2	47.4	47.4	29.251
10/27/2021	8:45 PM	46.7	47.2	46.7	89	43.6	0	---	0	0	---	46.7	46.8	46.8	29.25
10/27/2021	9:00 PM	46.4	46.7	46.4	91	43.9	0	---	0	0	---	46.4	46.6	46.6	29.251
10/27/2021	9:15 PM	46.4	46.5	46.4	91	43.9	0	---	0	0	---	46.4	46.6	46.6	29.253
10/27/2021	9:30 PM	46.2	46.4	46.2	91	43.7	0	ENE	0	1	ENE	46.2	46.4	46.4	29.26
10/27/2021	9:45 PM	46.3	46.3	46.1	92	44.1	0	ENE	0	2	ENE	46.3	46.5	46.5	29.257
10/27/2021	10:00 PM	46.8	46.8	46.3	90	44	1	NE	0.25	2	NE	46.8	47	47	29.248
10/27/2021	10:15 PM	45.6	46.8	45.6	90	42.8	0	NE	0	2	NE	45.6	45.7	45.7	29.244

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/27/2021	1:30 PM	0	0	0.115	0	66.1	42	42.3	63.8	8.13	0.0733	300	8	100	15
10/27/2021	1:45 PM	0	0	0.094	0	66.9	42	43	64.7	8.11	0.0731	297	8	100	15
10/27/2021	2:00 PM	0	0	0.083	0	67.9	43	44.6	65.9	8.25	0.0729	297	8	100	15
10/27/2021	2:15 PM	0	0	0.078	0	69.5	44	46.6	67.4	8.35	0.0726	295	8	100	15
10/27/2021	2:30 PM	0	0	0.08	0	71.6	43	47.9	69.9	8.19	0.0723	298	8	100	15
10/27/2021	2:45 PM	0	0	0.075	0	74.1	42	49.5	73.1	7.97	0.0719	300	8	100	15
10/27/2021	3:00 PM	0	0	0.07	0	76.6	42	51.8	75.7	7.92	0.0715	299	8	100	15
10/27/2021	3:15 PM	0	0	0.067	0	78.9	40	52.5	77.7	7.57	0.0711	299	8	100	15
10/27/2021	3:30 PM	0	0	0.055	0	80.2	38	52.3	78.8	7.25	0.071	300	8	100	15
10/27/2021	3:45 PM	0	0	0.048	0	80.6	37	51.9	79.1	7.14	0.0709	299	8	100	15
10/27/2021	4:00 PM	0	0	0.048	0	80.6	37	51.9	79.1	7.14	0.0709	300	8	100	15
10/27/2021	4:15 PM	0	0	0.052	0	80.5	36	51.1	78.9	6.93	0.0709	299	8	100	15
10/27/2021	4:30 PM	0	0	0.052	0	80.4	36	51	78.8	6.93	0.0709	300	8	100	15
10/27/2021	4:45 PM	0	0	0.05	0	80.3	36	50.9	78.7	6.94	0.0709	299	8	100	15
10/27/2021	5:00 PM	0	0	0.052	0	80.2	35	50.1	78.5	6.84	0.071	300	8	100	15
10/27/2021	5:15 PM	0	0	0.057	0	80	35	49.9	78.3	6.85	0.071	300	8	100	15
10/27/2021	5:30 PM	0	0	0.065	0	79.8	35	49.7	78.1	6.85	0.071	300	8	100	15
10/27/2021	5:45 PM	0	0	0.079	0	79.6	35	49.5	77.9	6.86	0.071	299	8	100	15
10/27/2021	6:00 PM	0	0	0.086	0	79.4	35	49.4	77.8	6.86	0.0711	299	8	100	15
10/27/2021	6:15 PM	0	0	0.092	0	79.2	35	49.2	77.6	6.87	0.0711	300	8	100	15
10/27/2021	6:30 PM	0	0	0.108	0	78.9	34	48.1	77.2	6.67	0.0712	299	8	100	15
10/27/2021	6:45 PM	0	0	0.126	0	78.5	34	47.8	76.8	6.68	0.0713	299	8	100	15
10/27/2021	7:00 PM	0	0	0.142	0	77.9	34	47.3	76.3	6.69	0.0714	300	8	100	15
10/27/2021	7:15 PM	0	0	0.153	0	77.3	34	46.7	75.7	6.7	0.0715	300	8	100	15
10/27/2021	7:30 PM	0	0	0.162	0	76.6	34	46.1	75.1	6.72	0.0716	300	8	100	15
10/27/2021	7:45 PM	0	0	0.167	0	75.9	34	45.5	74.4	6.73	0.0717	298	8	100	15
10/27/2021	8:00 PM	0	0	0.173	0	75.2	34	44.9	73.7	6.75	0.0718	299	8	100	15
10/27/2021	8:15 PM	0	0	0.181	0	74.5	34	44.3	73	6.76	0.0719	299	8	100	15
10/27/2021	8:30 PM	0	0	0.185	0	73.9	34	43.8	72.3	6.77	0.072	300	8	100	15
10/27/2021	8:45 PM	0	0	0.191	0	73.3	35	44	71.7	6.98	0.0721	299	8	100	15
10/27/2021	9:00 PM	0	0	0.194	0	72.7	35	43.5	70.8	7	0.0722	300	8	100	15
10/27/2021	9:15 PM	0	0	0.194	0	72.1	35	42.9	69.9	7.01	0.0723	300	8	100	15
10/27/2021	9:30 PM	0	0	0.196	0	71.6	35	42.5	69.2	7.02	0.0724	300	8	100	15
10/27/2021	9:45 PM	0	0	0.195	0	71.2	35	42.1	68.7	7.03	0.0724	299	8	100	15
10/27/2021	10:00 PM	0	0	0.19	0	70.7	36	42.4	68.1	7.22	0.0725	300	8	100	15
10/27/2021	10:15 PM	0	0	0.202	0	70.2	36	42	67.4	7.24	0.0725	300	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/27/2021	10:30 PM	45.6	45.7	45.3	92	43.4	1	N	0.25	2	NE	45.6	45.8	45.8	29.228
10/27/2021	10:45 PM	45.6	45.8	45.6	92	43.4	1	NNE	0.25	3	N	45.6	45.8	45.8	29.221
10/27/2021	11:00 PM	45.8	45.8	45.6	92	43.6	1	N	0.25	4	N	45.8	46	46	29.208
10/27/2021	11:15 PM	46.2	46.2	45.7	91	43.7	1	NNE	0.25	3	NNE	46.2	46.4	46.4	29.207
10/27/2021	11:30 PM	47.3	47.3	46.2	89	44.2	1	NNE	0.25	4	N	47.3	47.5	47.5	29.199
10/27/2021	11:45 PM	48.4	48.4	47.3	87	44.7	0	NE	0	2	NE	48.4	48.5	48.5	29.203
10/28/2021	12:00 AM	47.3	48.4	47.3	88	43.9	1	NNE	0.25	3	NNE	47.3	47.4	47.4	29.202
10/28/2021	12:15 AM	47.3	47.4	46.9	90	44.5	1	NNE	0.25	4	N	47.3	47.5	47.5	29.192
10/28/2021	12:30 AM	48.9	48.9	47.4	87	45.2	1	NE	0.25	4	NE	48.9	49.1	49.1	29.193
10/28/2021	12:45 AM	47.9	48.8	47.9	88	44.5	0	NE	0	2	NE	47.9	48	48	29.193
10/28/2021	1:00 AM	47.4	47.9	47.3	90	44.6	0	NE	0	2	NE	47.4	47.6	47.6	29.183
10/28/2021	1:15 AM	47.7	47.7	47.3	89	44.6	1	NNE	0.25	2	NE	47.7	47.9	47.9	29.185
10/28/2021	1:30 AM	47.3	47.7	47.2	90	44.5	0	NE	0	1	NE	47.3	47.5	47.5	29.187
10/28/2021	1:45 AM	48.1	48.1	47.3	89	45	1	NNE	0.25	5	N	48.1	48.3	48.3	29.183
10/28/2021	2:00 AM	48	48.3	48	88	44.6	1	NNE	0.25	3	NNE	48	48.1	48.1	29.184
10/28/2021	2:15 AM	47.4	48.1	47.4	90	44.6	1	ENE	0.25	3	N	47.4	47.6	47.6	29.182
10/28/2021	2:30 AM	47.6	47.7	47.4	90	44.8	1	NNE	0.25	3	NNE	47.6	47.8	47.8	29.179
10/28/2021	2:45 AM	47.2	47.7	47.2	90	44.4	0	NNE	0	3	NNE	47.2	47.4	47.4	29.178
10/28/2021	3:00 AM	46.2	47.3	46.2	91	43.7	0	NNE	0	3	NNE	46.2	46.4	46.4	29.177
10/28/2021	3:15 AM	46.2	46.3	46.1	92	44	0	NE	0	2	NE	46.2	46.4	46.4	29.179
10/28/2021	3:30 AM	46.3	46.3	46.2	92	44.1	0	E	0	2	ENE	46.3	46.5	46.5	29.173
10/28/2021	3:45 AM	46.9	46.9	46.2	90	44.1	1	NNE	0.25	3	E	46.9	47.1	47.1	29.173
10/28/2021	4:00 AM	46.8	46.9	46.8	91	44.3	0	NE	0	2	NE	46.8	47	47	29.174
10/28/2021	4:15 AM	46.9	46.9	46.6	91	44.4	0	NE	0	4	N	46.9	47.1	47.1	29.172
10/28/2021	4:30 AM	46.7	47	46.7	91	44.2	0	NNE	0	4	NNW	46.7	46.9	46.9	29.167
10/28/2021	4:45 AM	46.5	46.7	46.5	93	44.6	0	NNE	0	2	NNE	46.5	46.7	46.7	29.161
10/28/2021	5:00 AM	46.8	46.8	46.5	92	44.6	0	NE	0	2	NE	46.8	47	47	29.161
10/28/2021	5:15 AM	46.6	46.8	46.6	93	44.7	0	NNE	0	3	N	46.6	46.8	46.8	29.161
10/28/2021	5:30 AM	46.4	46.7	46.4	93	44.5	0	NNE	0	3	NNE	46.4	46.6	46.6	29.159
10/28/2021	5:45 AM	46.3	46.5	46.3	94	44.7	0	NNE	0	2	NNE	46.3	46.6	46.6	29.159
10/28/2021	6:00 AM	46.4	46.5	46.3	94	44.8	0	NNE	0	2	NNE	46.4	46.7	46.7	29.151
10/28/2021	6:15 AM	46	46.4	46	94	44.4	0	NE	0	2	E	46	46.3	46.3	29.146
10/28/2021	6:30 AM	45.9	46	45.8	95	44.5	0	NE	0	1	NE	45.9	46.2	46.2	29.141
10/28/2021	6:45 AM	46.4	46.4	45.9	95	45	0	NE	0	2	NE	46.4	46.7	46.7	29.137
10/28/2021	7:00 AM	47	47	46.4	94	45.4	1	NNE	0.25	3	N	47	47.3	47.3	29.127
10/28/2021	7:15 AM	47.8	47.8	46.9	94	46.2	2	N	0.5	3	NNE	47.8	48.1	48.1	29.119

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/27/2021	10:30 PM	0	0	0.202	0	69.8	36	41.6	66.9	7.25	0.0726	299	8	100	15
10/27/2021	10:45 PM	0	0	0.202	0	69.3	36	41.2	66.4	7.24	0.0726	300	8	100	15
10/27/2021	11:00 PM	0	0	0.2	0	68.9	36	40.8	66	7.23	0.0726	299	8	100	15
10/27/2021	11:15 PM	0	0	0.196	0	68.5	37	41.2	65.8	7.35	0.0727	300	8	100	15
10/27/2021	11:30 PM	0	0	0.184	0	68.1	37	40.8	65.5	7.35	0.0727	299	8	100	15
10/27/2021	11:45 PM	0	0	0.173	0	67.9	37	40.7	65.3	7.35	0.0728	300	8	100	15
10/28/2021	12:00 AM	0	0	0.184	0	67.7	37	40.5	65.1	7.35	0.0728	299	8	100	15
10/28/2021	12:15 AM	0	0	0.184	0	67.5	37	40.3	64.8	7.35	0.0728	300	8	100	15
10/28/2021	12:30 AM	0	0	0.168	0	67.3	38	40.8	64.7	7.55	0.0728	300	8	100	15
10/28/2021	12:45 AM	0	0	0.178	0	67.3	38	40.8	64.7	7.55	0.0728	298	8	100	15
10/28/2021	1:00 AM	0	0	0.183	0	67.1	38	40.6	64.5	7.55	0.0728	299	8	100	15
10/28/2021	1:15 AM	0	0	0.18	0	67.2	38	40.7	64.6	7.55	0.0728	172	8	59.1	15
10/28/2021	1:30 AM	0	0	0.184	0	67	38	40.5	64.4	7.55	0.0729	298	8	100	15
10/28/2021	1:45 AM	0	0	0.176	0	66.8	38	40.4	64.2	7.55	0.0729	300	8	100	15
10/28/2021	2:00 AM	0	0	0.177	0	66.7	39	40.9	64.2	7.72	0.0729	299	8	100	15
10/28/2021	2:15 AM	0	0	0.183	0	66.7	39	40.9	64.2	7.72	0.0729	300	8	100	15
10/28/2021	2:30 AM	0	0	0.181	0	66.5	39	40.8	64	7.72	0.0729	300	8	100	15
10/28/2021	2:45 AM	0	0	0.185	0	66.5	39	40.8	64	7.72	0.0729	300	8	100	15
10/28/2021	3:00 AM	0	0	0.196	0	66.5	39	40.8	64	7.72	0.0729	297	8	100	15
10/28/2021	3:15 AM	0	0	0.196	0	66.4	39	40.7	63.8	7.72	0.0729	300	8	100	15
10/28/2021	3:30 AM	0	0	0.195	0	66.4	39	40.7	63.8	7.72	0.0729	297	8	100	15
10/28/2021	3:45 AM	0	0	0.189	0	66.3	39	40.6	63.7	7.72	0.0729	299	8	100	15
10/28/2021	4:00 AM	0	0	0.19	0	66.3	39	40.6	63.7	7.72	0.0729	298	8	100	15
10/28/2021	4:15 AM	0	0	0.189	0	66.3	39	40.6	63.7	7.72	0.0729	297	8	100	15
10/28/2021	4:30 AM	0	0	0.191	0	66.3	39	40.6	63.7	7.72	0.0729	300	8	100	15
10/28/2021	4:45 AM	0	0	0.193	0	66.2	40	41.2	63.7	7.83	0.0729	300	8	100	15
10/28/2021	5:00 AM	0	0	0.19	0	66.2	40	41.2	63.7	7.83	0.0729	300	8	100	15
10/28/2021	5:15 AM	0	0	0.192	0	66.2	40	41.2	63.7	7.83	0.0729	300	8	100	15
10/28/2021	5:30 AM	0	0	0.194	0	66.2	40	41.2	63.7	7.83	0.0729	299	8	100	15
10/28/2021	5:45 AM	0	0	0.195	0	66.2	40	41.2	63.7	7.83	0.0729	299	8	100	15
10/28/2021	6:00 AM	0	0	0.194	0	66.2	40	41.2	63.7	7.83	0.0729	300	8	100	15
10/28/2021	6:15 AM	0	0	0.198	0	66.3	40	41.2	63.8	7.82	0.0728	300	8	100	15
10/28/2021	6:30 AM	0	0	0.199	0	66.3	40	41.2	63.8	7.82	0.0728	299	8	100	15
10/28/2021	6:45 AM	0	0	0.194	0	66.3	40	41.2	63.8	7.82	0.0728	300	8	100	15
10/28/2021	7:00 AM	0	0	0.188	0	66.3	40	41.2	63.8	7.82	0.0728	300	8	100	15
10/28/2021	7:15 AM	0	0	0.179	0	66.3	40	41.2	63.8	7.82	0.0728	299	8	100	15

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
10/28/2021	7:30 AM	48.6	48.6	47.8	92	46.4	2	NNE	0.5	5	N	48.6	48.9	48.9	29.11
10/28/2021	7:45 AM	49.4	49.4	48.6	91	46.9	1	N	0.25	3	NNE	49.4	49.7	49.7	29.115
10/28/2021	8:00 AM	50.2	50.3	49.4	91	47.7	2	N	0.5	4	N	50.2	50.5	50.5	29.105
10/28/2021	8:15 AM	52.7	52.7	50.2	83	47.7	1	NNE	0.25	4	NNW	52.7	52.5	52.5	29.099
10/28/2021	8:30 AM	53.3	53.6	52.6	82	47.9	1	NNE	0.25	4	NE	53.3	53.1	53.1	29.098
10/28/2021	8:45 AM	53.6	53.6	53.2	83	48.6	1	NNE	0.25	5	NW	53.6	53.4	53.4	29.091
10/28/2021	9:00 AM	---	54.6	53.5	---	---	1	NNE	0.25	4	NNW	---	---	---	29.09

ATTACHMENT 4 - WEATHER STATION DATA - OCTOBER 19 TO 28, 2021

11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
10/28/2021	7:30 AM	0	0	0.171	0	66.3	41	41.9	63.9	7.95	0.0727	298	8	100	15
10/28/2021	7:45 AM	0	0	0.162	0	66.4	41	42	64	7.95	0.0727	300	8	100	15
10/28/2021	8:00 AM	0	0	0.154	0	66.6	41	42.2	64.3	7.95	0.0727	299	8	100	15
10/28/2021	8:15 AM	0	0	0.128	0	66.8	41	42.3	64.5	7.95	0.0726	298	8	100	15
10/28/2021	8:30 AM	0	0	0.122	0	67.1	41	42.6	64.8	7.95	0.0726	300	8	100	15
10/28/2021	8:45 AM	0	0	0.119	0	67.5	42	43.6	65.3	8.1	0.0725	299	8	100	15
10/28/2021	9:00 AM	0	0	---	---	63.5	51	45	61.7	9.58	0.073	300	8	100	15