



October 4, 2021

Mr. Myles Bartos
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Subject: Final Air Monitoring Report – Revision 0
11184 Bristol Air Site
EPA Contract No. 68-HE-0320-D0003
Technical Direction (TD) No. T601-21-05-004
Document Tracking No. 0272

Dear Mr. Bartos:

Tetra Tech, Inc. (Tetra Tech) is submitting the enclosed Final Air Monitoring Report – Revision 0 for the 11184 Bristol Air Site 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

**FINAL
AIR MONITORING REPORT**

REVISION 0

**11184 BRISTOL AIR SITE
BRISTOL, VIRGINIA**

EPA Contract No. 68-HE-0320-D0003
Technical Direction No. T601-21-05-004
Document Tracking No. 0272

Prepared for:



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Superfund and Emergency Management Division
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October 2021

FINAL
AIR MONITORING REPORT

REVISION 0

11184 BRISTOL AIR SITE
BRISTOL, VA



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10/4/2021

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10/4/2021

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EPA – On-Scene Coordinator – Myles Bartos

10/6/2021

Date

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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) and conducting air monitoring and the calibration of instruments, as necessary at the 11184 Bristol Air Site (the Site), located in Bristol, Virginia (Appendix A, Figure 1). The purpose of the air monitoring efforts was to: 1) investigate areas from which odor complaints had been received to determine if hazardous substances were present/associated with the odors and to determine the levels/concentrations of hazardous substances, if present; and 2) to provide data for evaluating and determining locations for collecting air samples.

This report summarizes air monitoring activities and analytical results from Virginia Department of Environmental Quality (VDEQ) conducted at the Site from June 9 through July 22, 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 G. Tabulated analytical results for air samples are presented in Appendix H along with graphs of AreaRAE VOC monitoring data for the sampling periods. VDEQ air sample information and analytical results 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 relatively wide area in the eastern portion of the cities of Bristol, Virginia and Bristol, Tennessee from which odor complaints have been received from residents (Appendix A, Figure 1).

2.2 SITE HISTORY

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

3.0 SITE ACTIVITIES

EPA conducted 24-hour air monitoring at stationary monitoring locations in eastern Bristol, Virginia and Bristol, Tennessee in areas from which frequent odor complaints had been received. The selection process for determination of air monitoring locations was a collaborative effort between EPA, VDEQ, the cities of Bristol, Virginia and Bristol, Tennessee, and ATSDR. Information evaluated as part of this effort included reviewing VDEQ complaint logs, reviewing reports posted on the Smell MyCity smartphone application, and discussions with residents and city officials. VDEQ proposed several locations for air monitoring stations that included points in Bristol, Virginia and Bristol, Tennessee. Bristol, Tennessee city officials also provided input for potential monitoring locations. On June 8, 2021, after mobilizing to the Site, VDEQ took the EPA OSC, EPA Environmental Response Team (ERT), and Tetra Tech on a drive-by tour to evaluate seven potential air monitoring locations. In addition to the locations and frequency of past odor complaints, siting considerations included: security of air monitoring equipment; potential sources in the area; availability of 120-volt power supplies for the equipment; potential for human exposure; Site topography; and geographical coverage of the area. EPA and the EPA ERT installed stationary air monitoring equipment at a total of six locations over the course of this project. The air monitoring units were calibrated 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. Air monitoring locations are shown in Appendix A, Figure 2. Air monitoring parameters, locations, and results are discussed in more detail in Sections 3.1, 3.2, and 3.3 of this report.

Stationary air monitoring equipment was initially set up at three locations on June 8 – 9, 2021, at locations designated Locations #1, #2, and #3. EPA, ERT, VDEQ, and Tetra Tech monitored the air monitoring data remotely over the course of the monitoring period on the VIPER system from June 9 to July 22, 2021. A conference call was held on June 14, 2021 to discuss air monitoring data trends. The conference call was attended by the EPA On-Scene Coordinator (OSC), ERT, VDEQ, ATSDR, and Tetra Tech. Based on volatile organic compounds (VOC) detections at Location #1, it was decided that VDEQ would collect air samples at that location. It was also determined that subsequent 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 monitoring parameters. A summary of VDEQ air sampling locations and descriptions are presented in Attachment 1.

The OSC, ERT, and/or Tetra Tech made routine Site visits to test and recalibrate sensors, replace sensors as needed, and to move air monitoring equipment to new locations. Mobile air monitoring was also routinely conducted using hand-held air monitoring equipment at the stationary air monitoring locations and in other nearby areas where frequent odor complaints had been received. These air monitoring locations are discussed in Section 3.2 of this report. Based on evaluation of the air monitoring data, the OSC, ERT, and Tetra Tech remobilized to the Site and on July 1, 2021, removed air monitoring equipment from two of the initial stationary locations (Locations #2 and #3) and set up three new air monitoring locations (Locations #4, #5, and #6) as described in Section 3.2 below. Location #5 was on the same property as Location #1, which had the most frequent and longest duration detections of VOC. Location #5 was also set up to help determine/verify if there were other influences on the data observed at Location #1 from other sources such as the farm shed. The air monitoring equipment was taken down at the completion of the air monitoring activities on July 22, 2021. Tetra Tech conducted monitoring activities in accordance with the "Uniform Federal Policy Quality Assurance Project Plan" for the EPA Region III Superfund Technical Assessment and Response Team (START-6 Contract) (Tetra Tech 2020).

3.1 AIR MONITORING PARAMETERS

Air monitoring equipment and sensors employed during this investigation are presented in Table 1 below.

**TABLE 1
AIR MONITORING EQUIPMENT AND SENSORS**

Monitoring Device	Sensors
RAE Systems AreaRAE (stationary monitoring)	Volatile organic compounds (VOC) by photoionization detector (PID) (calibrated for parts per billion [ppb]-level detection), ammonia, oxygen
Honeywell Analytics Single-Point Monitor (SPM) Flex (stationary monitoring)	Hydrides (for hydrogen sulfide), Amines (for ammonia)
MultiRAE Pro (mobile monitoring)	VOC by PID, methyl mercaptan
UltraRAE 3000 (mobile monitoring)	VOC as benzene
TVA 2020	VOC by flame ionization detector (FID)

Monitoring Device	Sensors
(mobile monitoring)	
Meteorological Station (at one location)	Temperature, barometric pressure, wind direction/speed, precipitation

Table 2 below provides the monitoring parameters, the detection ranges, and the 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 increments at which the parameter concentrations are reported on the instrument.

TABLE 2
AIR MONITORING PARAMETER DETECTION RANGES

Monitoring Parameter/Instrument	Range	Resolution
Hydrogen sulfide (SPM Flex)	0.001 – 9.999 ppm	0.001 ppm
Ammonia (SPM Flex)	0.01 – 150 ppm	0.01 ppm
Ammonia (AreaRAE)	0 – 100 ppm	1 ppm
VOC (AreaRAE)	0 ppb – 2,000 ppm	1 ppb
VOC (MultiRAE Pro)	0 ppb – 2,000 ppm	10 ppb
VOC as Benzene (UltraRAE w/ benzene tube)	0 – 200 ppm	0.01 ppm
Methyl mercaptan (MultiRAE Pro)	0 – 10 ppm	0.1 ppm
VOC by FID (TVA 2020)	0 – 50,000 ppm	0.1 ppm

Notes:

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 up stationary air monitoring equipment, the equipment was calibrated and zeroed. On subsequent Site visits, the stationary AreaRAEs were bump tested by applying the appropriate span gases of known concentrations (e.g., 100 ppm isobutylene, 50 ppm

ammonia, etc.). If a sensor failed the bump test, then the instrument sensor would be re-calibrated and if re-calibration failed, the sensor would be replaced if a spare was available.

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 ppm isobutylene span gas for VOC, 5 ppm span gas for methyl mercaptan, and zeroed using zero air or a zeroing tube. The UltraRAE 3000 (with benzene tube) was calibrated using 5 ppm benzene span gas and zeroed using a zeroing tube. The TVA 2020 with 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 conducting 24-hour air monitoring at six stationary air monitoring locations and at a number of other locations near the stationary locations for short durations using portable hand-held monitoring equipment. Air monitoring locations are discussed in the sections below.

3.2.1 Stationary Air Monitoring Locations

Stationary air monitoring locations included residential, commercial, and public utility properties in eastern Bristol, Virginia and Bristol, Tennessee. Locations #1, #3, #5, and #6 were located in Bristol, Virginia and Locations #2 and #4 were located in Bristol, Tennessee. 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 period, 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 routinely used to conduct mobile air monitoring at the stationary air monitoring locations (Locations #1 through #6) in conjunction with Site visits to test stationary equipment. Mobile air monitoring was also conducted in other locations in the general area where odor complaints had been received in conjunction with the Site visits. The mobile air monitoring was normally conducted in the evenings around dusk or early in the mornings when odors had frequently been reported. These were also the times when odors were most frequently observed by personnel conducting Site visits to test the stationary air monitoring equipment. Hand-held monitoring equipment included a MultiRAE Pro with a photoionization detector (PID) for VOC and methyl mercaptan sensors; an UltraRAE

3000 with a benzene tube; and TVA 2020 with a flame ionization detector (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. Refer to Tables 1 and 2 for sensors and detection range capabilities. General areas and locations where mobile/short-term air monitoring was conducted are described below.

Bristol, Virginia locations: Near the intersection of Kings Mill Pike and East Valley Drive; near the intersection of Monarch Drive and Kings Mill Pike; near the intersection of Meadowcrest Drive and Independence Drive; near the intersection of Meadowcrest Drive and Mosswood Lane; along Milburn Drive; and along Booher Road.

Bristol, Tennessee locations: Florida Avenue between the intersections with Pine Street and Spruce Street; near the intersection of East Mary and Delaney Streets; and along Booher Road.

Mobile air monitoring was conducted at one or more of the above described locations on the following dates: June 10, 22, and 30, 2021; and July 1, 7, 8, and 11, 2021. The approximate mobile air monitoring locations are shown in Figure 2.

3.3 AIR MONITORING RESULTS

A brief overview of air monitoring results is provided 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 – G. Some of the air monitoring parameters were for specific chemical compounds such as hydrogen sulfide and ammonia. However, air monitoring for VOC using a PID measures approximate total concentrations for a large number of volatile organic compounds 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. The air monitoring data for VOC 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 air monitoring activities, such as calibration, zeroing, bump testing, and recalibration as needed; however, the procedures were not as extensive as the quality assurance/quality control (QA/QC) procedures incorporated into the laboratory analysis of air samples by EPA Method TO-15. The VDEQ laboratory analytical results for VOC by TO-15 would be 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 air monitoring data was evaluated and helped act as a guide to where and when VDEQ would collect air samples for laboratory analysis (in addition to monitoring for trace levels of hydrogen sulfide and ammonia, which could also trigger air sampling).

VOC and hydrogen sulfide were detected at all six stationary air monitoring locations over the course of the investigation. VOC detections at most locations generally occurred in the beginning of the evening, with concentrations peaking overnight, then dropping to non-detect by mid- to late morning the following day. VOC detection also sometimes continued into the early afternoon. Periodically, relatively high concentrations were detected as short duration spikes during the daytime. These most frequently occurred at two commercial properties during normal work hours and were likely attributable to work-related activities at the facilities, but also occurred at other locations and are believed to be related to operation of motorized vehicles or equipment.

Air monitoring results in the following sections are reported in parts per million (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 would equal 0.001 ppm.

3.3.1 Stationary Air Monitoring Results

Location #1 was located at a residential property and was the only air monitoring station that was operated throughout this investigation from 6/9/21 to 7/22/21 with an AreaRAE for VOC and oxygen (O₂) and Single-Point Monitor (SPM) Flex with a hydride Chemcassette with meter set to detect hydrogen sulfide. An additional SPM Flex with an amines Chemcassette set to detect ammonia was set up at Location #1 and an additional AreaRAE (designated as Location #5) were installed and began operating on 7/1/21. With the exception of a few short-term, high level VOC detections at the commercial facility monitoring locations (Locations #3 and #4), which were likely due to work-related activities, generally the most frequent, longest duration, and highest concentration VOC and hydrogen sulfide detections were observed at Location #1. Generally continuous overnight VOC detections were observed at Location #1 from 6/9/21 to 7/7/21. Overnight VOC highs ranged between 332 and 573 ppb. During this time range, overnight high concentrations of hydrogen sulfide between 0.007 and 0.011 ppm were observed. The hydrogen sulfide detections were mostly relatively short-term detections. From 7/8/21 through the end of the monitoring

period on 7/22/21, VOC were no longer detected as continuous detections overnight and were detected primarily as relatively short-term spikes of less than a few minutes. The AreaRAE that was set up on the same property as Location #1 on 7/1/21 and designated Location #5, had similar observations of continuous overnight VOC detections from 7/1/21 to 7/8/21, then relatively short-term spike detections afterwards. An SPM Flex monitor with a Chemcassette set to detect ammonia was set up at Location #1 on 7/1/2021. Ammonia was frequently detected between 7/1/21 and 7/17/21 at concentrations up to 0.98 ppm. The ammonia monitor was in operation from 7/1/21 to 7/9/21, when the Chemcassette cartridge failed. A new amines Chemcassette set to detect ammonia was installed on 7/11/21 and continued to operate until 7/17/21, when the Chemcassette cartridge reached the end of the tape. The remaining monitoring equipment was taken down and monitoring was discontinued on 7/22/2021. A more detailed discussion of air monitoring results and graphical presentation of the data for Location #1 and #5 are provided in Appendix C.

Location #2 was operated from 6/9/21 to 7/1/21 at a public utility facility. There were no detections of hydrogen sulfide from 6/9/21 to 6/15/21 and infrequent detections of VOC. The longest continuous detection of VOC in this time frame was from 1741 to 2224 hours on 6/14/21, with a short-term spike to 179 ppb, but generally at or below 30 ppb for that period. Beginning on 6/19/21 and continuing to 7/1/21, VOC were detected continuously from evenings until the next morning, with high concentrations generally at or below 200 ppb, except for one short-term detection of 910 ppb for less than a few minutes. Hydrogen sulfide was detected daily during this period, mostly overnight, with concentrations ranging from 0.001 ppm to 0.004 ppm. Air monitoring was discontinued at Location #2 on 7/1/21 and the monitoring equipment was moved to Location #6. A more detailed discussion of air monitoring results and graphical presentation of the data for Location #2 are provided in Appendix D.

Location #3 was operated from 6/9/21 to 7/1/21 at a commercial business facility. The most significant VOC detections were relatively short-term spikes during normal work hours at the facility and were likely attributable to painting or other work-related activities. These occurred primarily on 6/9/21 to 6/11/21 and 6/15/21, with the highest concentration at 13,500 ppb. Continuous overnight detections of VOC, similar to other monitoring locations, were observed on 6/16/21 through 6/18/21, with maximum concentrations of approximately 200 ppb or less each night. Short-term spikes of 474 ppb and 862 ppb were observed during normal work hours on 6/18/21 and 6/19/21, respectively. These were likely related to work-related activities. Overnight longer-term VOC detections were observed again on 6/23/21 through 6/26/21, with the highest observed VOC concentrations not related to work activities below 150 ppb each night. Hydrogen sulfide was detected intermittently on multiple occasions during the monitoring period, with detections

between 0.001 ppm and 0.004 ppm. Air monitoring was discontinued at Location #3 on 7/1/21 and the monitoring equipment was moved to Location #4. A more detailed discussion of air monitoring results and graphical presentation of the data for Location #3 are provided in Appendix E.

Location #4 was operated from 7/1/21 to 7/22/21 at a commercial business facility. VOC were detected overnight on 7/3/21 to 7/4/21, and 7/6/21, with continuous detections beginning late evening and ending before 1000 the following morning. Peak concentrations detected each night were at or below 200 ppb on 7/3/21 and 7/4/21, and below 37 ppb on 7/6/21. Long-duration VOC detections were not observed on any other days or nights. Short-term VOC spikes were detected at 180 ppb on 7/7/21 and 1,483 ppb on 7/13/21, but these occurred during normal work hours and were likely due to work-related activities at the facility. Hydrogen sulfide was detected intermittently for relatively short durations throughout the entire monitoring period at concentrations ranging from 0.001 ppm to 0.003 ppm. Air monitoring was discontinued at Location #4 on 7/22/21. A more detailed discussion of air monitoring results and graphical presentation of the data for Location #4 are provided in Appendix F.

Location #6 was operated from 7/1/21 to 7/22/21 at a residential property. VOC were detected continuously for extended periods every day during the period except 7/10/21 through 7/12/21, but the start time of the VOC detections did not follow a particular pattern as at the other monitoring locations. High concentrations detected during each detection period ranged from 32 ppb to 240 ppb. Hydrogen sulfide detections were infrequent at this location. A relatively short-term detection of 0.005 ppm on 7/3/21 was the maximum observed. Short-term spike detections of 0.001 ppm were observed on 7/9/21 and 7/17/21. Air monitoring was discontinued at Location #6 on 7/22/21. A more detailed discussion of air monitoring results and graphical presentation of the data for Location #6 are provided in Appendix G.

3.3.2 Mobile Air Monitoring Results

Mobile air monitoring conducted with the MultiRAE Pro yielded only low levels of VOC detections at the mobile air monitoring locations, even when odors were observed. VOC readings observed at mobile monitoring locations ranged from 0 ppb to 120 ppb but were mostly below 50 ppb. FID VOC readings above background were only observed on two occasions. On 7/1/21, FID VOC readings of 16 ppm to 22 ppm were observed near the intersection of East Mary Street and Delaney Street. Concurrent MultiRAE Pro VOC readings at the location were 70 ppb to 120 ppb. On the morning of 7/8/21, a short-term FID reading of 13 ppm was observed near the intersection of Booher Road and Booher Springs Road, near the Virginia – Tennessee state line and at 3 ppm near the Booher Road and King College intersection (near

former stationary air monitoring location #2). Tetra Tech observed odors at these locations. Concurrent VOC readings at these locations with the MultiRAE Pro were 50 ppb to 60 ppb. The only detections of methyl mercaptan with the MultiRAE Pro were on 7/8/21. Methyl mercaptan was detected at 0.1 ppm along Booher Road at the same location and time where FID readings of 13 ppm were observed. Methyl mercaptan readings from 0.1 to 0.2 ppm were observed along East Mary Street, adjacent to stationary monitoring Location # 4 at approximately 0740. Methyl mercaptan readings remained at 0.1 ppm throughout the remainder of the mobile monitoring activities that morning. It is likely that these subsequent low level detections were due to baseline drift on the instrument after it had been zeroed with a zeroing tube earlier that morning.

3.4 VDEQ AIR SAMPLING

As discussed in Section 3.0, it was determined in a conference call held on June 14, 2021 attended by the EPA OSC, ERT, VDEQ, ATSDR, and Tetra Tech, 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. VDEQ collected a total of 15 air samples at the stationary air monitoring locations between 6/14/21 and 7/16/21. One sample was collected but not analyzed due to a flow controller issue. 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 ranged from 8 hours 8 minutes to 29 hours 55 minutes. Air samples were collected at the stationary air monitoring locations between 6/14/21 and 7/16/21, 2021 as follows: Location #1 – five samples; Location #2 – three samples; Location #3 – one sample; Location #4 – two samples; Location #5 – one sample; and Location #6 – two samples. Specific information on the VDEQ 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 results for the air samples are provided in Attachment 2.

3.5 WEATHER DATA

A Davis Vantage Pro 2 weather station was used 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 these and other weather parameters at 15-minute intervals throughout the period from June 15 to July 22, 2021. The weather station was initially set up at air monitoring Location #2 on June 9, 2021. The weather station was re-located to air monitoring Location #1 on June 15, 2021 and

remained at that location for the remainder of the monitoring activities. The weather station data for June 15 to July 22, 2021 is presented in Attachment 4. The data file for June 9 to 15, 2021 was corrupted and the data could not be fully downloaded. Graphical presentations of weekly weather data for temperature, relative humidity, wind speed, wind direction, and barometric pressure are provided in Attachment 3. Graphs of the same data for periods when VDEQ was collecting air samples are also presented in Attachment 3.

4.0 ANALYTICAL RESULTS

As previously mentioned, VDEQ collected 15 air samples and analyzed 14 samples for VOC by EPA Method TO-15. For the purposes of this report, samples will be identified based on the SUMMA canister serial number, as none of the SUMMA canister samplers were used more than one time over the course of this investigation. A brief summary of the analytical results is presented below. Complete analytical results are provided in Table 1 in Appendix H and the laboratory data sheets are presented in Attachment 2. Graphs of AreaRAE VOC data for the locations and duration of the respective VDEQ air sampling periods are also presented in Appendix H.

4.1 ANALYTICAL RESULTS FOR VDEQ AIR SAMPLES

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

Low concentrations of several petroleum-related constituents were detected in almost all samples, including benzene, toluene, xylenes, and ethylbenzene. In addition to being constituents in petroleum products, these chemicals can also be produced as products of incomplete combustion (PIC) during fires and from operation of motor vehicles. Benzene was detected in all the air samples at concentrations ranging from 0.08 ppbv ($0.26 \mu\text{g}/\text{m}^3$) to 3.91 ppbv ($12.47 \mu\text{g}/\text{m}^3$). Toluene was detected in all samples at concentrations ranging from 0.25 ppbv ($0.94 \mu\text{g}/\text{m}^3$) to 1.49 ppbv ($5.62 \mu\text{g}/\text{m}^3$). The xylene compounds and ethylbenzene were also detected at relatively low concentrations in all 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 (a.k.a., Freon

12), and Freon 11 (a.k.a., trichlorofluoromethane). All the respective compounds were detected at similar concentrations in all the samples. Chloromethane was detected at concentrations ranging from 0.53 ppbv (1.10 $\mu\text{g}/\text{m}^3$) to 0.69 ppbv (1.43 $\mu\text{g}/\text{m}^3$). Dichlorodifluoromethane was detected at concentrations ranging from 0.48 ppbv (2.38 $\mu\text{g}/\text{m}^3$) to 0.6 ppbv (2.97 $\mu\text{g}/\text{m}^3$) and Freon 11 was detected at concentrations from 0.23 ppbv (1.29 $\mu\text{g}/\text{m}^3$) and 0.3 ppbv (1.69 $\mu\text{g}/\text{m}^3$).

A number of other compounds were detected at low concentrations in a number of samples, including acrolein, which was detected in seven samples at concentrations ranging from 0.36 ppbv (0.82 $\mu\text{g}/\text{m}^3$) to 0.94 ppbv (2.15 $\mu\text{g}/\text{m}^3$). Complete analytical results are presented in the table in Appendix H 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.

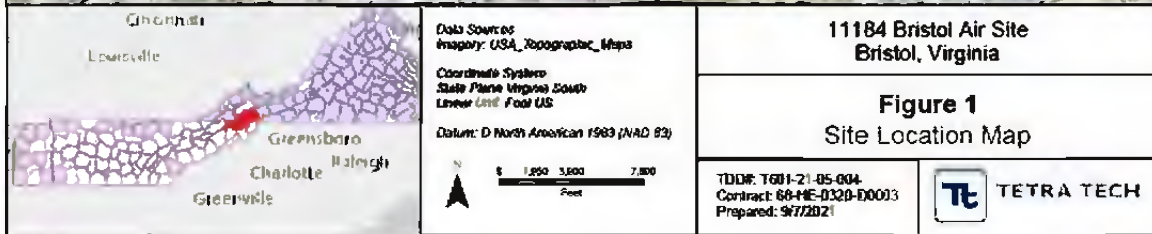
5.0 REFERENCES

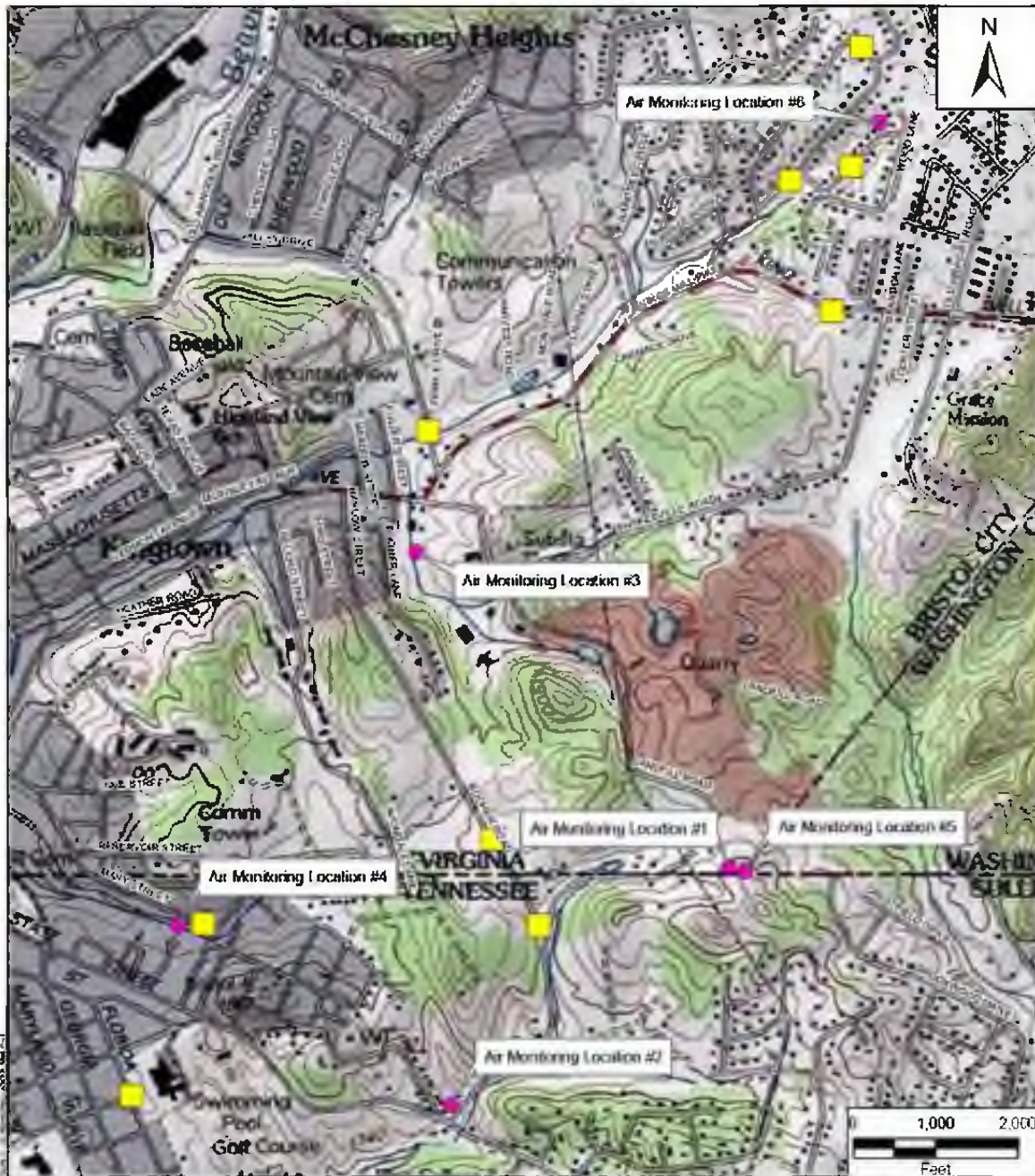
- Tetra Tech, Inc. (Tetra Tech). 2020. "Uniform Federal Policy Quality Assurance Project Plan." EPA Region III Superfund Technical Assessment and Response Team (START-6 Contract). October 28.
- United States Environmental Protection Agency (EPA). 2005. "Uniform Federal Policy for Quality Assurance Project Plans – Final Version 1," EPA-505-B-04-900B. March.

APPENDIX A

FIGURES

- 1 Site Location Map
- 2 Air Monitoring Location Map





Legend  Stationary Air Monitoring Locations  Mobile Air Monitoring Locations	1184 Bristol Air Site Bristol, Virginia
	Figure 2 Air Monitoring Location Map
	 TETRA TECH

Source: Copyright © 2013 National Geographic Society & others
 Data provided by EPA-PAF-2013-00001, EPA-PAF-2013-00002, EPA-PAF-2013-00003

Prepared for EPA-PAF-2013-00001
 Prepared by AMF-Tetra Tech

APPENDIX B

AIR MONITORING LOCATIONS SUMMARY

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

Location	SPM #	AreaRAE #	Gateway #	AreaRAE Sensors	Latitude°	Longitude°	Description	Address	Start Date	End Date	Comments
1	192.168.3.55	1709	289	VOC, O ₂			Residential		06/08/21	07/22/21	- at shed. Monitors set up in VA side of residential property. NH ₃ sensor failed testing, turned off on 6/16/21. Faulty O ₂ sensor replaced on 6/21/21.
1	192.168.3.75	N/A	289	NH ₃			Residential		07/01/21	07/22/21	- at shed. Monitors set up in VA side of residential property.
2	192.168.3.137	1708	328	VOC, NH ₃ , O ₂			Public utility	Int. Booher Rd/ King College Rd, Bristol, TN	06/08/21	07/01/21	Potable water pumping station
3	192.168.3.51	1706	323	VOC, NH ₃ , O ₂			Commercial	1909 Kings Mill Pike, Bristol, VA	06/09/21	06/30/21	Dillards Construction
4	192.168.3.51	1706	323	VOC, NH ₃ , O ₂			Commercial	856 E Mary St. (Int. E. Mary & Delaney St.), Bristol, TN	07/01/21	07/22/21	At Your Service Tree Company.
5	N/A	1707	289	VOC, NH ₃ , CO, O ₂			Residential	450 Booher Rd, Bristol, TN	07/01/21	07/22/21	property, by pond.
6	192.168.3.137	1708	328	VOC, NH ₃ , O ₂			Residential		07/01/21	07/22/21	property

Notes:

* = degrees

E = East

Int. = Intersection

N/A = Not applicable

NH₃ = Ammonia

O₂ = Oxygen

Rd = Road

SPM = Single point monitor

St. = Street

TN = Tennessee

VA = Virginia

VOC = Volatile organic compound

APPENDIX C

AIR MONITORING RESULTS SUMMARY – LOCATIONS #1 AND #5

APPENDIX C
AIR MONITORING RESULTS SUMMARY – LOCATIONS #1 and #5
11184 Bristol Air Site
Bristol, Virginia
June 9 – July 22, 2021

Location # 1

Start date: June 9, 2021

End date: July 22, 2021

Instruments: AreaRAE with photoionization detector (PID) for volatile organic compounds (VOC), Single-Point Monitor (SPM) Flex unit with hydrogen sulfide (H₂S) cassette (June 9 – July 22), and SPM Flex unit with ammonia (NH₃) cassette (July 1 – July 17)

Location # 5 (Locations #1 and #5 are located only approximately 250 feet apart on the same property.)

Start date: July 1, 2021

End date: July 22, 2021

Instruments: AreaRAE with PID, ammonia, carbon monoxide, oxygen.

Air Monitoring Results – June 9 through June 15, 2021

Location #1 AreaRAE VOC

VOC were detected daily, with detections beginning in the evenings, with concentrations rising and leveling off near a peak concentration level during the overnight hours, then declining back to zero the next morning or early afternoon. Peak concentrations detected each night were at: 67 parts per billion (ppb) on 6/9/21; 125 ppb on 6/10/21; 199 ppb on 6/11/21; 266 ppb on 6/12/21; 466 ppb on 6/13/21; 405 ppb on 6/14/21; and 632 ppb on 6/15/21. VOC readings levelled off at a plateau each night at approximate concentrations of: 50 ppb on 6/10/21; 100 ppb on 6/11/21; 75 ppb on 6/12/21; 200 ppb on 6/13/21; 200 ppb on 6/14/21; and 225 ppb on 6/15/21. VOC detections began between 2000 and 2300 during the period and declined back to, at, or near 0 ppb between 1000 and 1200 the following day. The nighttime VOC detections on 6/14/21 did not zero until 6/16/21. Additional VOC detections occurred as short-term spikes with a peak concentration of 225 ppb on 6/11/21 at 2042. VOC detections are shown in the graph below.



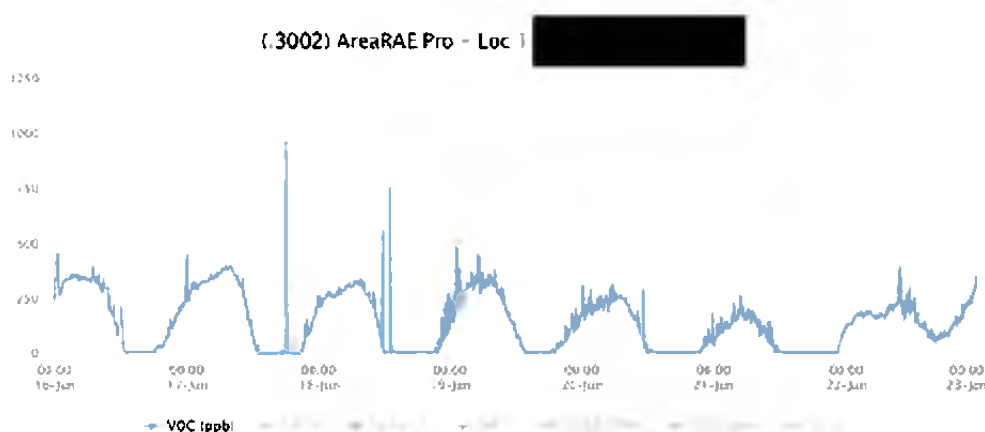
H₂S was detected intermittently throughout this monitoring period as short-term spikes. The maximum H₂S concentrations of 0.011 parts per million (ppm) occurred on 6/13/21 at 0703 and 0.009 ppm on 6/14/21 at 0437. There were also multiple readings ranging from 0.001 to 0.002 ppm from 0117 on 6/10/21 to 0739 on 6/15/21. H₂S detections are shown in the graph below.



Air Monitoring Results – June 16 through June 22, 2021

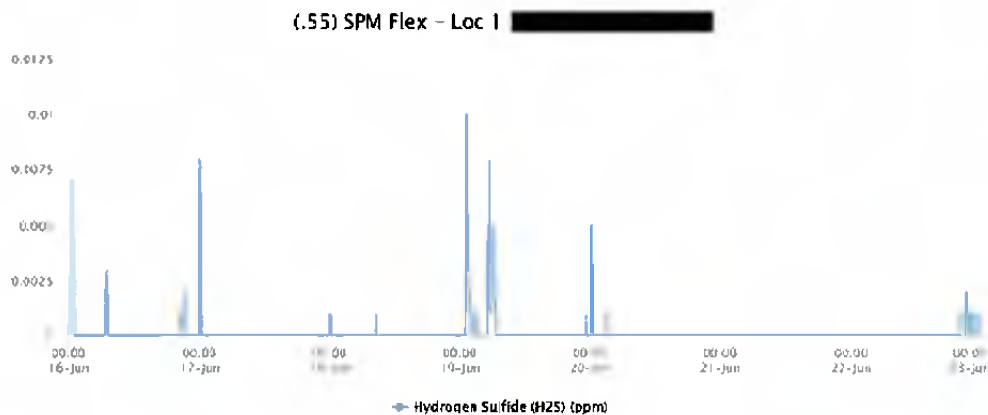
Location #1 AreaRAE VOC

VOC were detected daily, with detections beginning in the evenings, with concentrations rising and leveling off near a peak concentration level during the overnight hours, then declining back to zero the next morning or early afternoon. Peak concentrations detected each night at: 450 ppb on 6/16/21; 447 ppb on 6/17/21; 557 ppb on 6/18/21; 528 ppb on 6/19/21; 309 ppb on 6/20/21; 260 ppb on 6/21/21; and 392 ppb on 6/22/21. The approximate concentrations each night when VOC readings had levelled off at a plateau were: 350 ppb on 6/16/21; 300 ppb on 6/17/21; 300 ppb on 6/18/21; 310 ppb on 6/19/21; 180 ppb on 6/20/21; 190 ppb on 6/21/21; and 200 ppb on 6/22/21. VOC detections began between 1800 and 2300 in the period and declined back to, at, or near 0 ppb between 1100 and 1400 the following day. The VOC detections beginning at 2226 on 6/21/21 continued into the next reporting period. Additional VOC detections occurred as short-term spikes with peak concentrations of 963 ppb on 6/17/21 at 1824, and 762 ppb on 6/18/21 at 1317. The source of these short-term spikes are uncertain but are likely due to operation of motorized vehicles or equipment nearby. VOC detections are shown in the graph below.



Location #1 SPM Flex Hydrogen Sulfide:

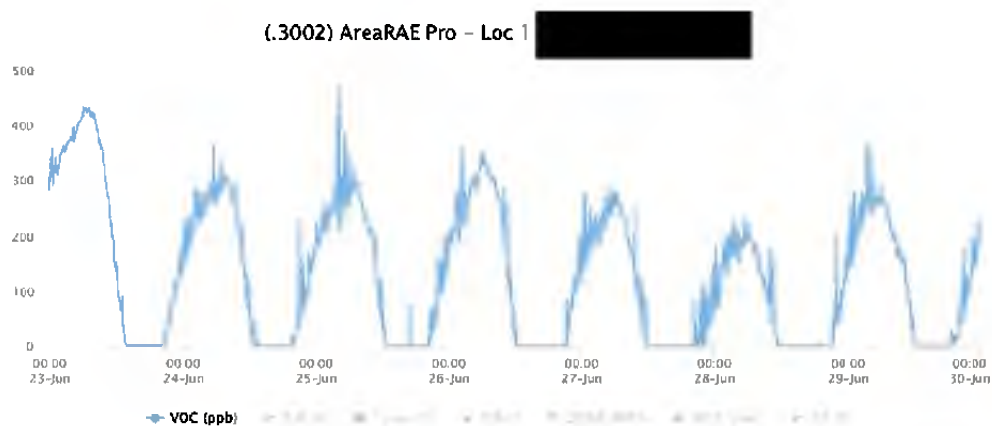
H₂S was detected intermittently throughout this monitoring period as short-term spikes. The maximum H₂S concentration of 0.010 ppm occurred on 6/19/21 at 0121. Spikes were also observed at 0.007 ppm at 0039 to 0055 on 6/16/21, and 0.008 ppm from 0012 to 0018 on 6/17/21, and again on 6/19/21 at 0533. There were also detections ranging from 0.001 and 0.005 ppm on 6/18/21 at 0011 and 6/20/21 at 0030. H₂S detections are shown in the graph below.



Air Monitoring Results – June 23 through June 29, 2021

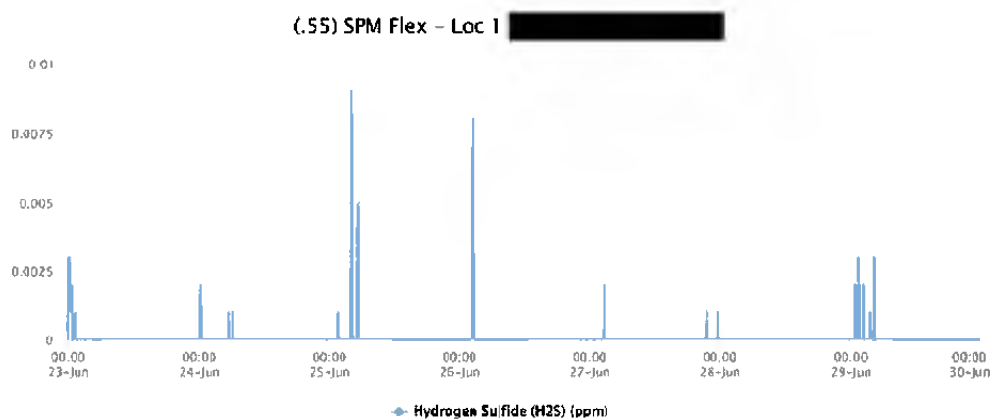
Location #1 AreaRAE VOC

VOC were detected daily, with detections beginning in the evenings, with concentrations rising and leveling off near a peak concentration level during the overnight hours, then declining back to zero the next morning or early afternoon. Peak concentrations detected each night at: 425 ppb on 6/23/21; 369 ppb on 6/24/21; 473 ppb on 6/25/21; 362 ppb on 6/26/21; 289 ppb on 6/27/21; 231 ppb on 6/28/21; and 367 ppb on 6/29/21. The approximate concentrations each night when VOC readings had levelled off at or near a plateau were: 350 – 425 ppb on 6/23/21; 250 – 300 ppb on 6/24/21; 250 – 300 ppb on 6/25/21; 250 – 325 ppb on 6/26/21; 200 – 250 ppb on 6/27/21; 150 – 200 ppb on 6/28/21; and 250 ppb on 6/29/21. VOC detections began between 1800 and 2200 each evening in the period and declined back to or near 0 ppb between 1100 and 1400 the following day. Additional VOC detections occurred as short-term spikes with a peak concentration of 75 ppb on 6/25/21 at 1656. The EPA was alerted that on 6/29/21 at 1916 the Bristol Tennessee fire department was alerted to a fire at the Patriot Recycling facility located at 247 North Industrial Road, located approximately 2.75 miles southwest of Location #1. The fire was declared under control at 2059 and the scene was cleared at 2339. The impacts of the fire on monitoring results are uncertain. VOC detections are shown in the graph below.



Location #1 SPM Flex Hydrogen Sulfide:

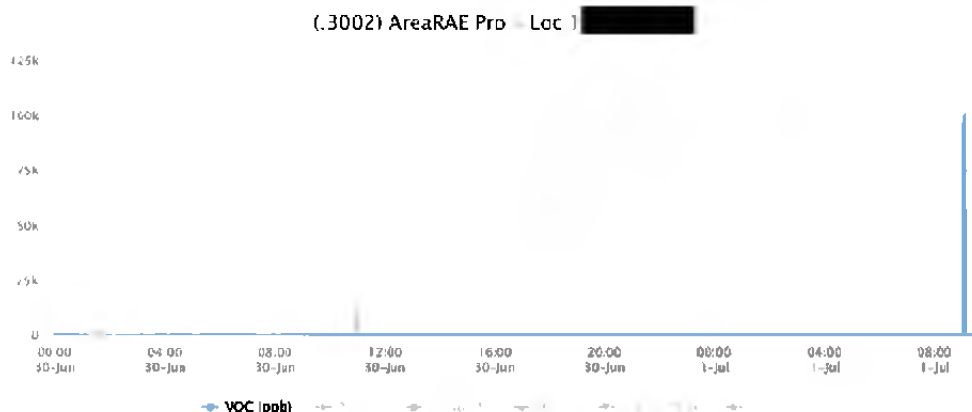
H₂S was detected intermittently throughout this monitoring period as short-term spikes. The maximum H₂S concentrations of 0.009 ppm occurred on 6/25/21 at 0415 and 0.008 ppm on 6/26/21 at 0236. Additional short-term spikes ranging from 0.001 to 0.005 ppm occurred intermittently from 0000 on 6/23/21 to 0423 on 6/29/21. H₂S detections are shown in the graph below.



Air Monitoring Results – June 30 through July 6, 2021

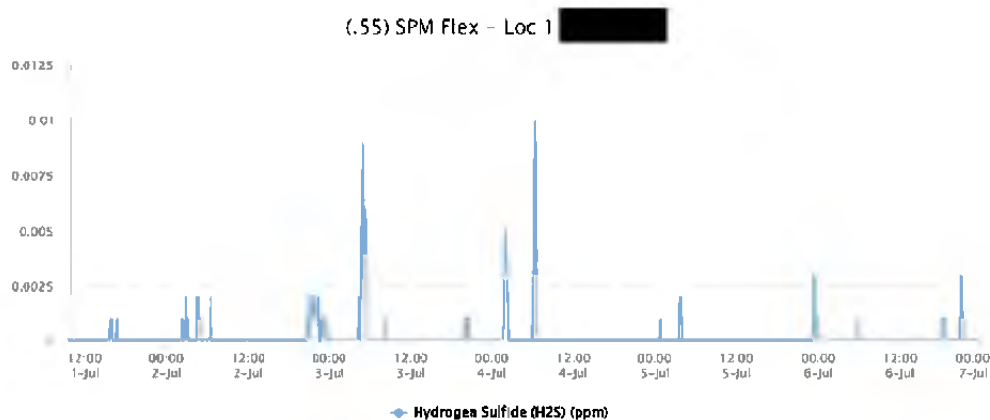
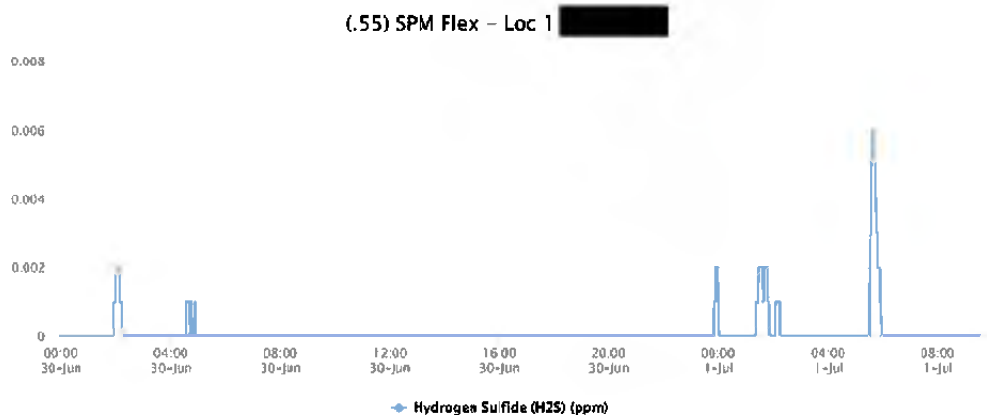
Location #1 AreaRAE VOC

VOC were detected daily, with detections beginning in the late evening or early morning hours and continuing at widely varying concentrations into the next morning or early afternoon. There was a detection of 100,804 ppb on 7/1/21 at approximately 0905. This detection was due to recalibration and bump testing of the AreaRAE using 100 ppm isobutylene calibration gas. Detections and peak concentrations unrelated to recalibration/bump testing occurred primarily in the late evening and extending into the following morning as observed in previous weeks; however, VOC concentrations didn't level off at a general plateau level during this period. Maximum observed concentrations were: 367 ppb on 6/29/21; 67 ppb on 7/1/21, 210 ppb on 7/3/21; 192 ppb on 7/4/21; 373 ppb on 7/5/21; and 573 ppb on 7/6/21. The unit was offline from 7/2/21 at 1523 to 7/3/21 at 0739. The unit was also offline from approximately 1028 on 7/1/21 to 0738 on 7/3/21.



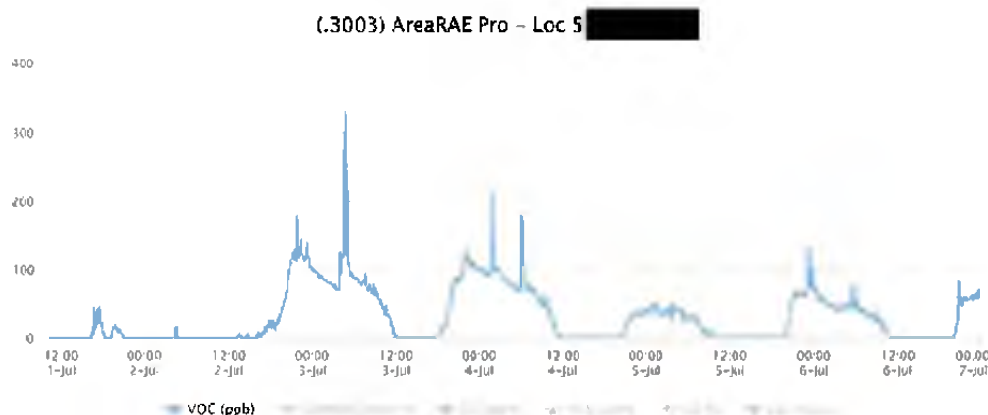
Location #1 SPM Flex Hydrogen Sulfide:

H₂S was detected intermittently throughout this monitoring period as short-term spikes. The maximum H₂S concentration of 0.010 ppm occurred on 7/4/21 at 0649. Additional short-term spikes ranging from 0.001 to 0.009 ppm occurred intermittently from 0200 on 6/30/21 to 2105 on 7/6/21.



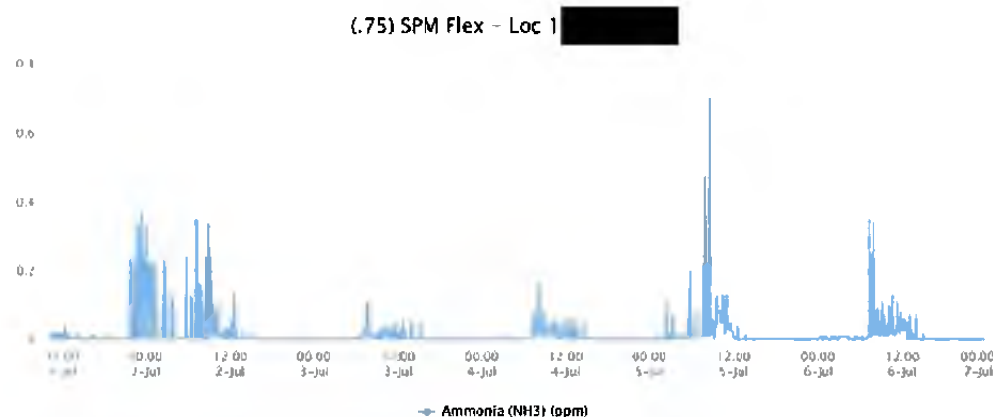
Location #5 AreaRAE VOC (July 1 to July 6)

This unit was put into operation the morning of 7/1/21. VOC were detected daily, with detections beginning in the late afternoon to early evenings, with concentrations rising and leveling off near a plateau level during the overnight hours, but with occasional higher short-term peak detections, then declining back to zero the next morning or early afternoon. Peak concentrations were detected each night at: 46 ppb on 7/1/21; 177 ppb on 7/2/21; 332 ppb on 7/3/21; 215 ppb on 7/4/21; 133 ppb on 7/5/21; and 99 ppb on 7/6/21. The approximate concentrations each night when VOC readings had levelled off at a general plateau level were: 100 ppb on 7/3/21; 100 ppb on 7/4/21; 35 ppb on 7/5/21; and 50 ppb on 7/6/21.



Location #1 SPM Flex Ammonia (July 1 to July 6, 2021):

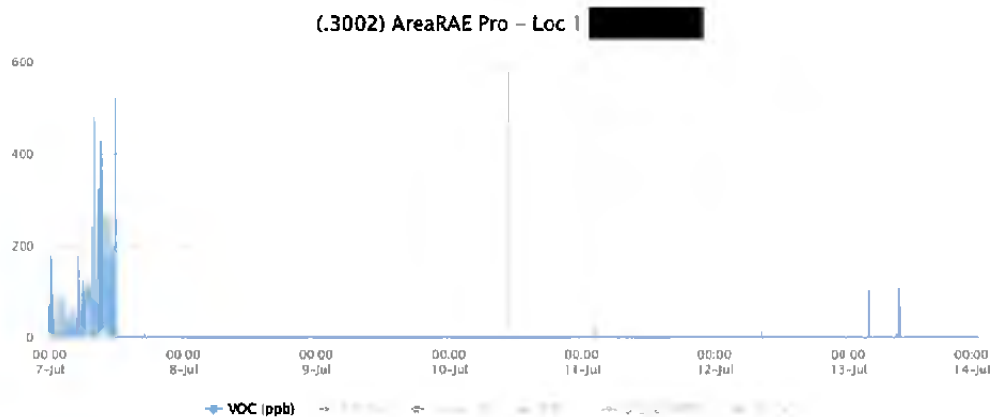
NH₃ was detected intermittently throughout this monitoring period as short-term spikes often in quick succession to one another. The maximum NH₃ concentration of 0.70 ppm occurred on 7/5/21 at 0530. Additional short-term spikes ranging from 0.01 to 0.37 ppm occurred intermittently from 7/1/21 at 1028 to 7/6/21 at 1632.



Air Monitoring Results – July 7 through July 13, 2021

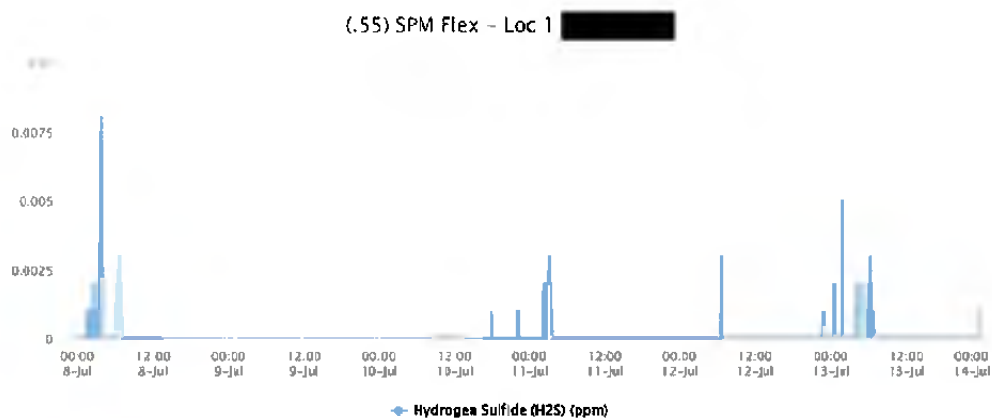
Location #1 AreaRAE VOC

VOC were detected nearly daily, with detections primarily occurring as relatively short-term spikes. Long-term overnight continuous detections that leveled off at a general plateau level were not observed as in previous periods. The only occurrence of significant and repeated spike detections overnight was on 7/7/21 from 0000 to 1156. It should be noted that the AreaRAE was offline from 0817 on 7/9/21 to approximately 1237 on 7/10/21 and no data were recorded during that time. Also, when Tetra Tech conducted a site visit on 7/7/21, it was discovered that the tubing connecting the AreaRAE to the outside sampling intake had become disconnected from the instrument at some time after the previous site visit on 7/1/21. During the unknown time period that the tubing was disconnected, the AreaRAE would have been monitoring the air inside the shed where the unit was installed instead of the air outside the shed. The peak concentration detected on 7/7/21 was 519 ppb at 1156. Afterwards, only sporadic and relatively short-term detections were observed. The next VOC detections were: 25 ppb and 14 ppb on 7/11/21 at 0229 and 0931, respectively; 16 ppb on 7/12/21 at 0842; and 102 ppb on 7/13/21 at 0403 and multiple short-term spikes between 0923 – 0936 with a maximum detection of 108 ppb.



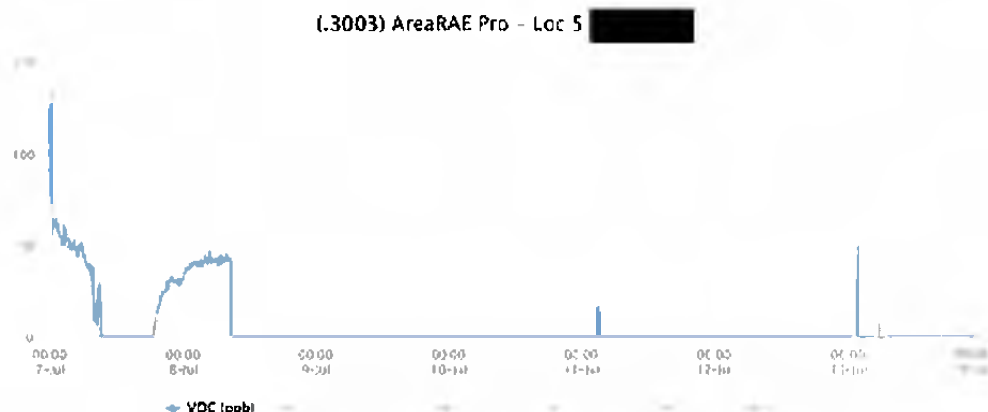
Location #1 SPM Flex Hydrogen Sulfide:

H₂S was detected intermittently throughout this monitoring period as short-term spikes. The maximum H₂S concentration of 0.008 ppm occurred on 7/8/21 at 0343. Additional short-term spikes ranging from 0.001 to 0.005 ppm occurred intermittently from 0000 on 7/7/21 to 2351 on 7/13/21. The SPM Flex unit was off line from 7/9/21 at 0817 to 7/10/21 at 1237 and no data were recorded during that time.



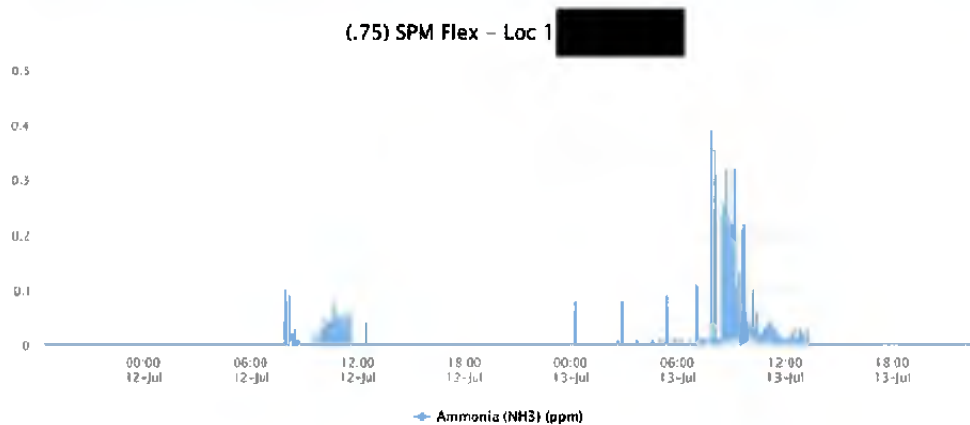
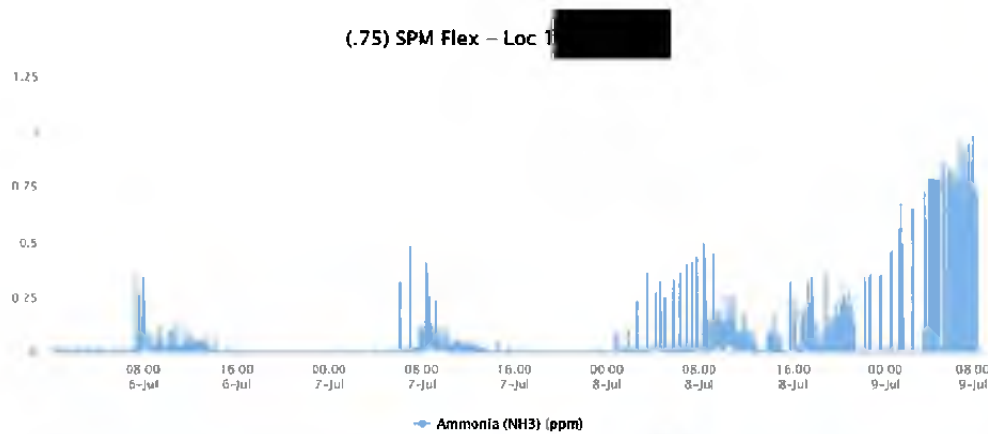
Location #5 AreaRAE VOC

VOC were detected on 7/7/21 and 7/8/21 with detections beginning in the late afternoon to early evenings, with concentrations rising and leveling off near a plateau level during the overnight hours. Peak concentrations detected on 7/7/21 and 7/8/21 were 135 ppb and 47 ppb, respectively. The AreaRAE was offline from 0817 on 7/9/21 to 1237 on 7/10/21 and no data were recorded during that time. The only other detections during the period were relatively short-term spikes at: 16 ppb between 0305 and 0315 on 7/11/21; 50 ppb at 0149, and 8 ppb at 0552 on 7/13/21.



Location #1 SPM Flex Ammonia:

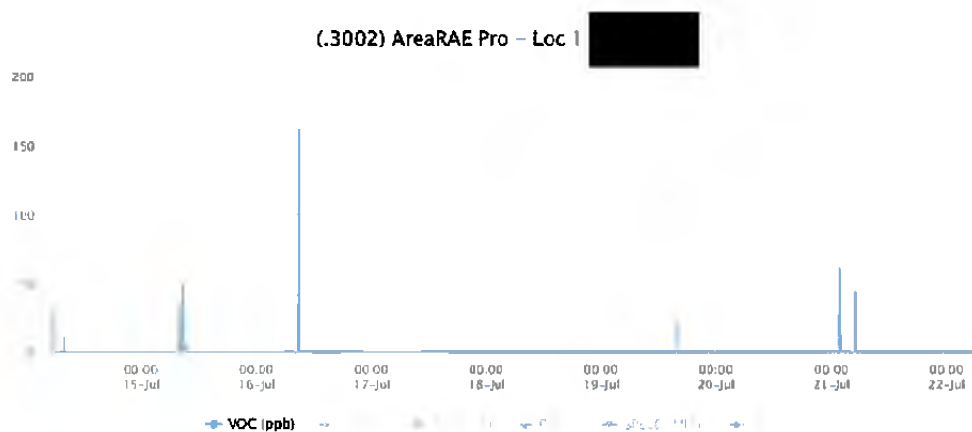
The NH₃ cassette was changed out in the SPM Flex 7/7/21. The cassette broke on 7/9/21 at approximately 0814. A new cassette was installed on 7/11/21 at approximately 1750. There was no data available for that time period. NH₃ was detected beginning between 0600 to 0700 on 7/6/21 and 7/7/21, with frequent relatively short-term spikes in quick succession continuing until around 1600 each day. The highest concentrations detected were 0.35 ppm and 0.48 ppm on 7/6/21 and 7/7/21, respectively. On 7/8/21, detections commenced at approximately 0054 and continued until the cassette broke at 0814. The highest concentration detected during this period was 0.98 ppm. The accuracy of this data on 7/8/21 is unknown and the detections and/or concentrations could have been impacted by the failure of the cassette. After the cassette was replaced on 7/11/21 at approximately 1750, the next detections of NH₃ occurred beginning at approximately 0800 on 7/12/21, with frequent detections continuing until approximately 1235, with a high concentration of 0.10 ppm. The next detections began shortly after 0000 on 7/13/21, with infrequent spikes detected at concentrations up to 0.09 ppm up through approximately 0800. Frequent, almost continuous detections continued from approximately 0800 through 1340 on 7/13/21, with a high concentration of 0.39 ppm.



Air Monitoring Results – July 14 through July 22, 2021

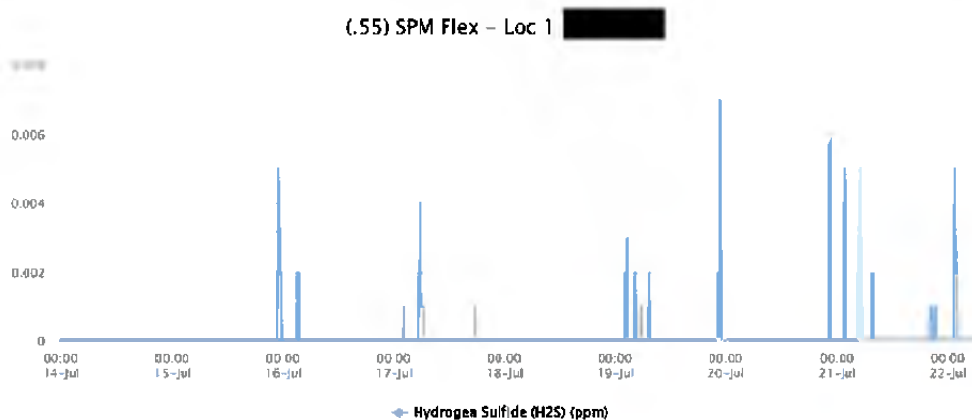
Location #1 AreaRAE VOC

VOC were detected, with detections occurring primarily as short-term spikes and not as long term, steady detections. Peak concentrations detected each day were: 32 ppb on 7/14/21; 50 ppb on 7/15/21; 161 ppb on 7/16/21; 24 ppb on 7/19/21; 61 ppb on 7/20/21; and 61 ppb on 7/21/21. There were no VOC detections from 7/17/21 through 7/18/21.



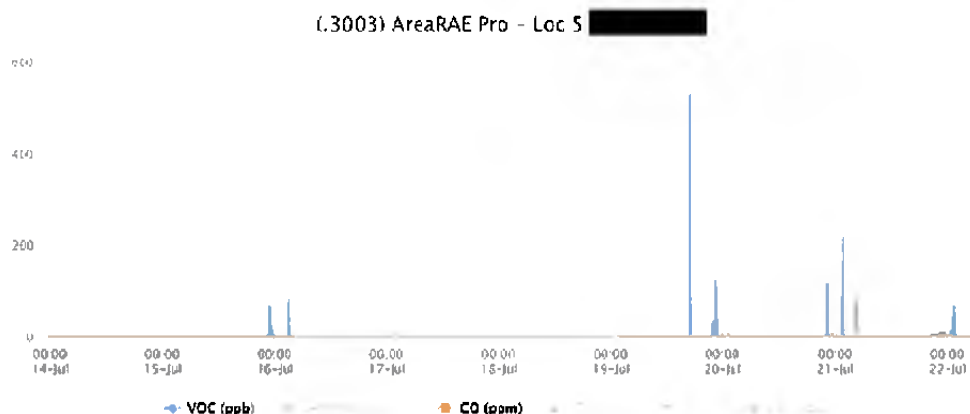
Location #1 SPM Flex Hydrogen Sulfide:

H₂S was detected intermittently throughout this monitoring period as short-term spikes. The maximum H₂S concentration of 0.007 ppm occurred on 7/19/21 at 2220. Additional short-term spikes ranging from 0.001 to 0.006 ppm occurred intermittently from 2309 on 7/15/21 to 0209 on 7/22/21. There were no H₂S detections on 7/14/2021. The SPM Flex hydrogen sulfide unit was taken offline at 0704 on 7/22/21.



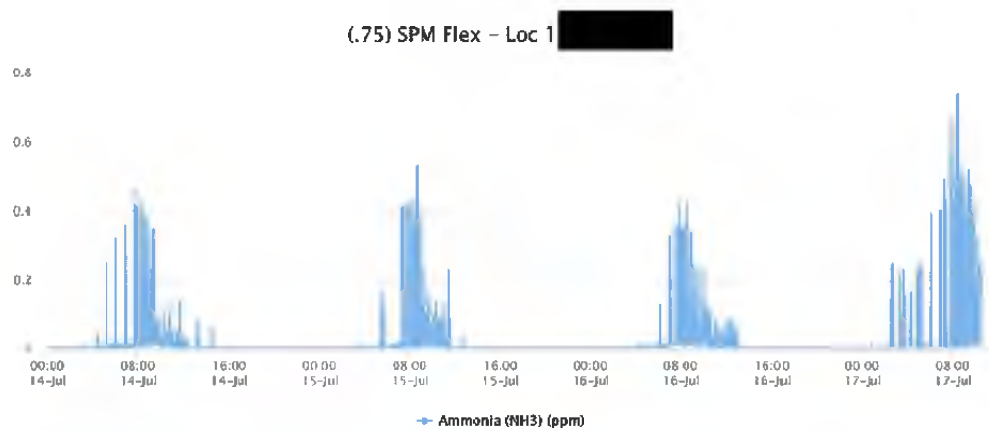
Location #5 AreaRAE VOC

VOC were detected daily except for 7/14/21 and 7/18/21, with predominantly short-term spikes during the monitoring period. Peak concentrations detected each day were at: 69 ppb on 7/15/21; 89 ppb on 7/16/21; 7 ppb on 7/17/21; 530 ppb on 7/19/21; 118 ppb on 7/20/21; 218 ppb on 7/21/21; and 65 ppb on 7/22/21. VOC detections in this monitoring period occurred primarily from 2200 to 0430. However, a VOC spike of 530 ppb occurred at 1718 on 7/19/21 that corresponded with a spike of carbon monoxide (CO) of 183 ppm. This is a likely indication that the VOC detection may have been due to operation of motorized vehicle or equipment near the unit. The highest concentration detected on AreaRAE Location #1 that day was 24 ppb. Locations #1 and #5 are located only approximately 250 feet apart on the same property. The unit was taken offline at approximately 0704 on 7/22/21.



Location #1 SPM Flex Ammonia:

NH₃ was detected intermittently throughout this monitoring period as short-term spikes often in quick succession to one another. The spikes began between approximately at 0300 and ceased by around 1400 each day. The maximum NH₃ concentration of 0.74 ppm occurred on 7/17/21 at 0833. Daily peak concentrations for the other days were observed at: 0.46 ppm on 7/14/21; 0.53 ppm on 7/15/21; and 0.43 ppm on 7/16/21. The monitor went offline on 7/17/21 at approximately 1041 when the NH₃ cassette reached the end of the reel.



APPENDIX D

AIR MONITORING RESULTS SUMMARY – LOCATION #2

APPENDIX D
AIR MONITORING RESULTS SUMMARY – LOCATION #2
11184 Bristol Air Site
Bristol, Virginia
June 9 – July 1, 2021

Location # 2

Start date: June 9, 2021

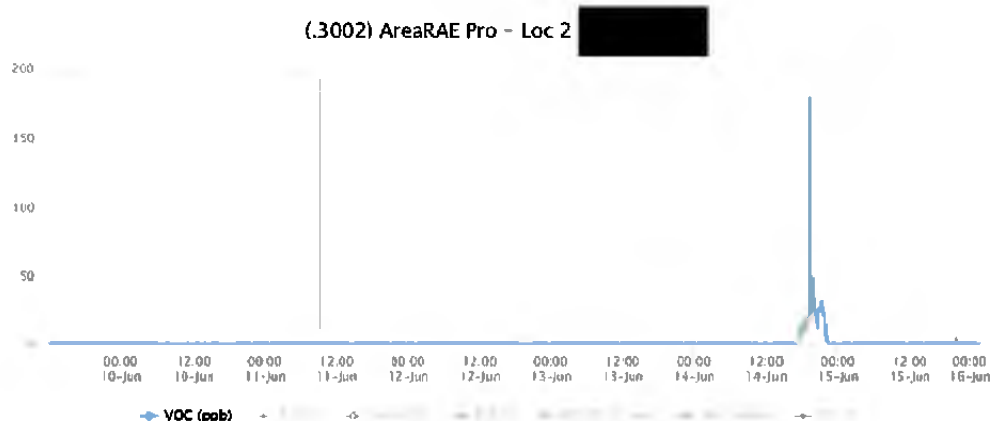
End date: July 1, 2021

Instruments: AreaRAE with photoionization detector (PID) for volatile organic compounds (VOC), Single-Point Monitor (SPM) Flex unit with hydrogen sulfide (H₂S) cassette.

Air Monitoring Results – June 9 through June 15, 2021

Location #2 AreaRAE VOC

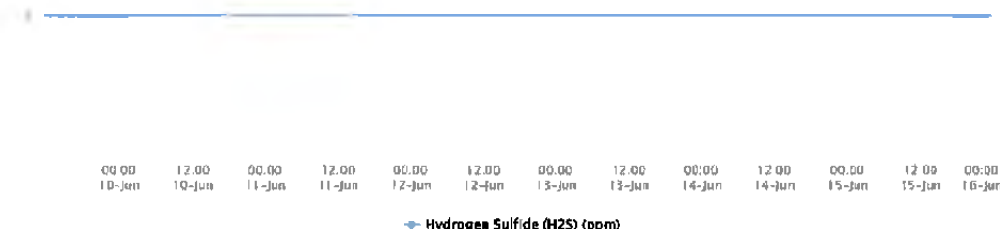
VOC were detected on three occasions throughout this monitoring period: twice as short-term spikes, and once as a more prolonged detection. All detections occurred during the hours between 1900 and 2230. Peak concentrations were detected at: 7 parts per billion (ppb) on 6/12/21 at 1956; 179 ppb on 6/14/21 at 1926; and 5 ppb on 6/15/21 at 2001. The approximate average concentration was 20 ppb on 6/14/21 during the prolonged detections from approximately 1730 to 2001. There were no VOC detections on 6/9/21, 6/10/21, 6/11/21, and 6/13/21.



Location #2 SPM Flex Hydrogen Sulfide:

H₂S was not detected at this location from 06/9/21 through 06/15/21.

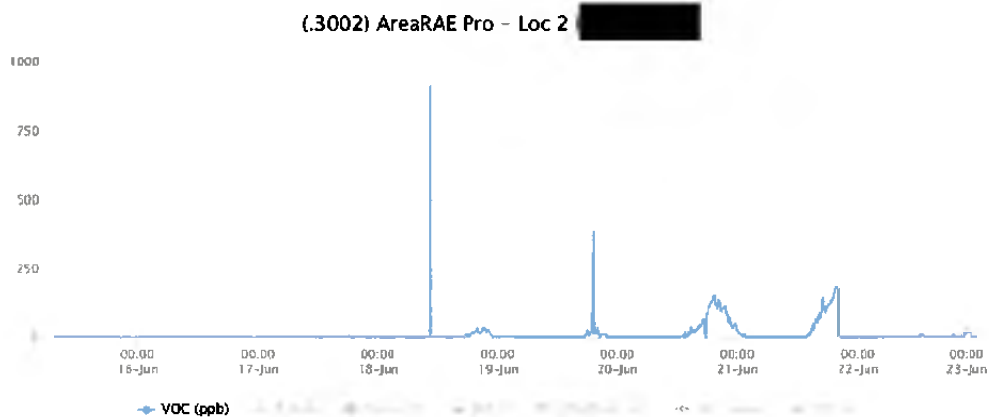
(.137) SPM Flex – Loc 2



Air Monitoring Results – June 16 through June 22, 2021

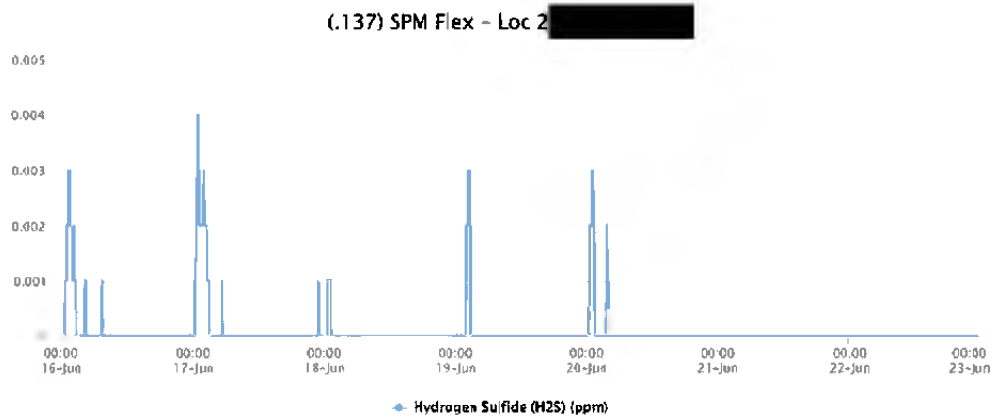
Location #2 AreaRAE VOC

VOC were detected daily from 6/17/21 through 6/22/21. Detections began in the evenings, with concentrations rising and leveling off near a peak concentration level during the overnight hours, then declining back to zero. Peak concentrations detected each night were: 8 ppb on 6/17/21; 910 ppb on 6/18/21; 386 ppb on 6/19/21; 156 ppb on 6/20/21; 185 ppb on 6/21/21; and 33 ppb on 6/22/21. The approximate concentrations each night when VOC readings had levelled off at a plateau were: 20 ppb on 6/18/21; 20 ppb on 6/19/21; 100 ppb on 6/20/21; 150 ppb on 6/21/21; and 20 ppb on 6/22/21. There was only one short term spike overnight on 6/17/21. There were no VOC detections on 6/16/21. VOC detections began between 1300 and 1900 each day in the period and declined back to, at, or near 0 ppb between 2300 and 0200 the following day.



Location #2 SPM Flex Hydrogen Sulfide:

H₂S was detected each night from 6/16/21 through 6/20/21. The maximum H₂S concentration of 0.004 parts per million (ppm) occurred on 6/17/21 at 0038. Nightly detections on 6/16/21 through 6/20/21 were as follows: 0.001 to 0.003 ppm from 0106 to 0259 on 6/16/21; 0.001 to 0.004 ppm from 0038 to 0308 on 6/17/21; 0.001 ppm from 0047 to 0118 on 6/18/21; 0.001 to 0.003 ppm from 0209 to 0254 on 6/19/21; and 0.001 to 0.002 ppm from 0349 to 0412 on 6/20/21. There were no H₂S detections on 6/21/21 or 6/22/21.



Air Monitoring Results – June 23 through July 1, 2021

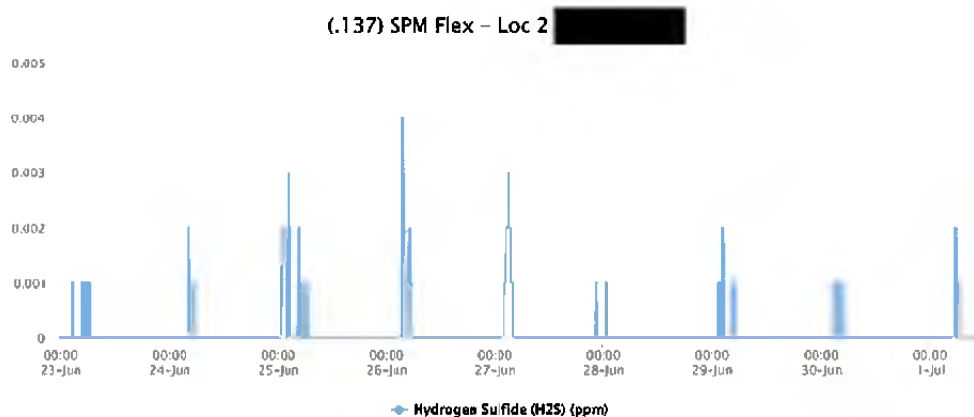
Location #2 AreaRAE VOC

VOC were detected daily, with detections beginning in the late morning to early afternoon, with concentrations rising and leveling off near a peak concentration level during the overnight hours, then declining back to zero the next morning or early afternoon. Peak concentrations detected each night were: 82 ppb on 6/23/21; 127 ppb on 6/24/21; 638 ppb on 6/25/21; 216 ppb on 6/26/21; 164 ppb on 6/27/21; 182 ppb on 6/28/21; 225 ppb on 6/29/21; 205 ppb on 6/30/21; and 84 ppb on 7/1/21. The approximate concentrations each night when VOC readings had levelled off at a plateau were: 55 ppb on 6/23/21; 100 ppb on 6/24/21; 100 ppb on 6/25/21; 70 ppb on 6/26/21; 100 on 6/27/21; 100 ppb on 6/28/21; 170 ppb on 6/29/21; and 150 ppb on 6/30/21. VOC detections began between 0900 and 1200, rose throughout the day and continued into the next day, then zeroed briefly before the next detection started. A spike occurred at 1016 on 6/25/21 with a concentration of 638 ppb. This was during normal work hours and could have been related to operation of motorized vehicles or equipment nearby. The unit at this location was taken offline at 1114 on 7/1/21.



Location #2 SPM Flex Hydrogen Sulfide:

H₂S was detected daily throughout this monitoring period with all detections occurring between the hours of 0000 and 0700 except for a 0.001 ppm spike on 6/27/21 that occurred at 2222 and lasted 7 minutes. The maximum H₂S concentration detected was 0.004 ppm on 6/26/21 at 0336. The high concentrations detected on the other days ranged between 0.001 ppm and 0.003 ppm.



APPENDIX E

AIR MONITORING RESULTS SUMMARY – LOCATION #3

APPENDIX E
AIR MONITORING RESULTS SUMMARY – LOCATION #3
11184 Bristol Air Site
Bristol, Virginia
June 9 – July 1, 2021

Location # 3

Start date: June 9, 2021

End date: July 1, 2021

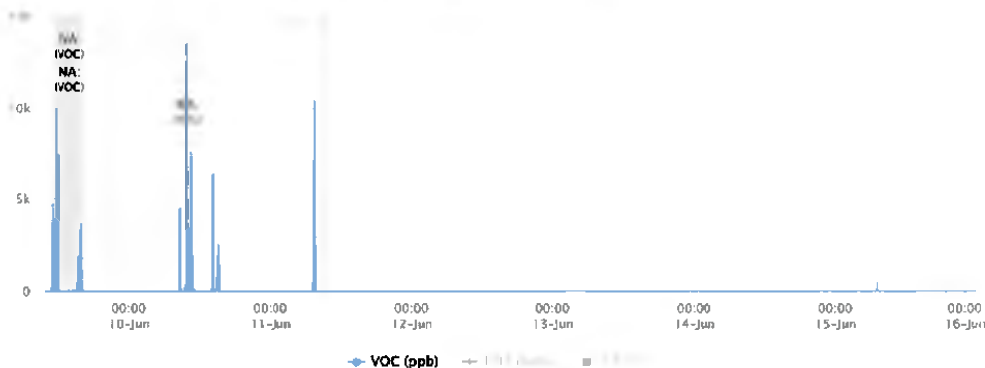
Instruments: AreaRAE with photoionization detector (PID) for volatile organic compounds (VOC), Single-Point Monitor (SPM) Flex unit with hydrogen sulfide (H₂S) cassette.

Air Monitoring Results – June 9 through June 15, 2021

Location #3 AreaRAE VOC

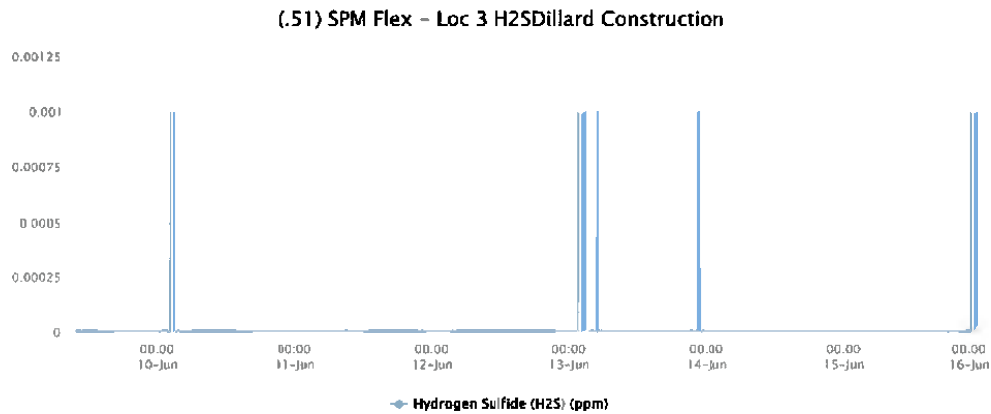
VOC were detected on 6/9/21 through 6/11/21 and again on 6/15/21, with detections of VOC at very high concentrations occurring as relatively short-term spikes each of these mornings during facility work hours. Facility employees were observed conducting painting inside the facility building and venting to the outdoors on 6/9/21 while the EPA Environmental Response Team (ERT) was installing the AreaRAE and SPM. Tetra Tech measured high VOC concentrations using a hand-held MultiRAE at the doorway used for venting. These VOC detections are likely attributable to painting and/or other work activities being conducted at the facility. Peak concentrations detected each day were: 9,981 parts per billion (ppb) on 6/9/21 at 1142; 13,500 ppb on 6/10/21 at 0955; 10,356 ppb on 6/11/21 at 0742; and 499 ppb on 6/15/21 at 0711. No VOC were detected on any other days and there were no overnight detections as observed at other monitoring locations. Monitoring data are shown in the graph below.

(.3002) AreaRAE Pro – PRG2CAP – AreaRAE Pro – S;NW01A00001706 Loc 3



Location #3 SPM Flex Hydrogen Sulfide:

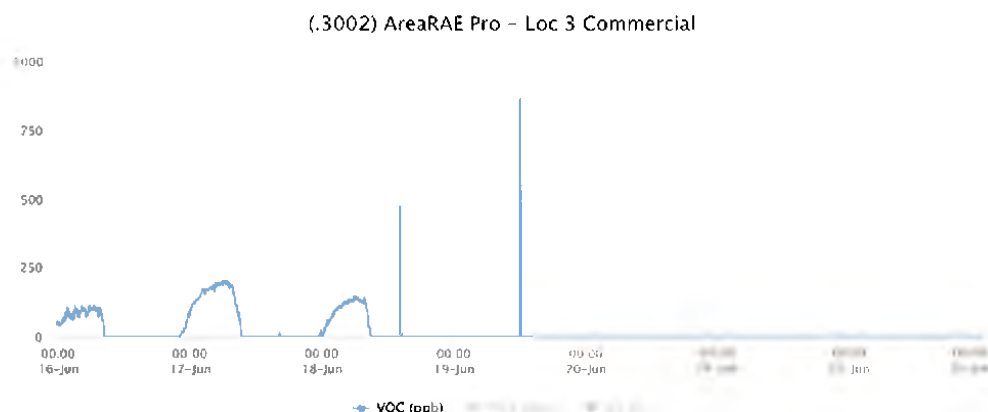
H₂S was detected intermittently throughout this monitoring period as a series of short-term spikes. The maximum H₂S concentration of 0.001 parts per million (ppm) occurred during five time periods through this monitoring period; on 6/10/21 between 0233 and 0303; on 6/13/21 between 0149 and 0300, 0505 and 0511; and on 6/15/21 between 2225 and 2239. Monitoring data are shown in the graph below.



Air Monitoring Results – June 16 through June 22, 2021

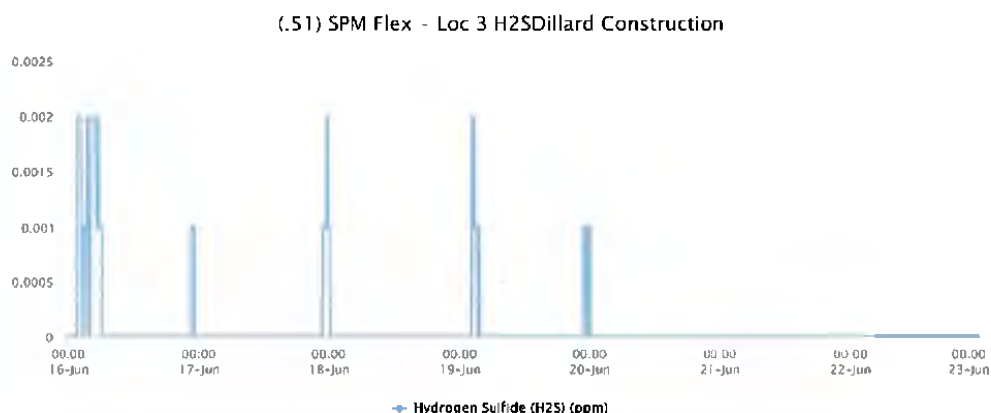
Location #3 AreaRAE VOC

VOC were detected beginning in the evenings on 6/16/21 through 6/18/21, with concentrations rising and leveling off near a peak concentration during the overnight hours, then declining back to zero the next morning. Peak concentrations detected each night were: 112 ppb on 6/16/21; 203 ppb on 6/17/21; and 143 ppb on 6/18/21. The approximate concentrations each night when VOC readings had levelled off at a plateau were: 80 ppb on 6/16/21; 150 ppb on 6/17/2021; and 100 ppb on 6/18/21. There were no VOC detections from 6/20/21 through 6/23/21. A short-term spike detection was observed at 474 ppb on 6/18/21 at 1429 and another at 862 ppb at 1214 on 6/19/21. These short-term high level detections occurred during facility work hours and were likely attributable to work activities at the facility. Monitoring data are shown in the graph below.



Location #3 SPM Flex Hydrogen Sulfide:

H₂S was detected during six time periods in this reporting period at 0.001 ppm to 0.002 ppm. H₂S was detected almost continuously or as a series of short-term spikes at 0.001 ppm to 0.002 ppm on: 6/16/21 from 0152 to 0619 and 2245 to 2314; 6/17 to 6/18/21 from 2308 to 0023; 6/19/21 from 0227 to 0350 and 2309 to 2334; and 6/20 from 0004 to 0012. Monitoring data are shown in the graph below.

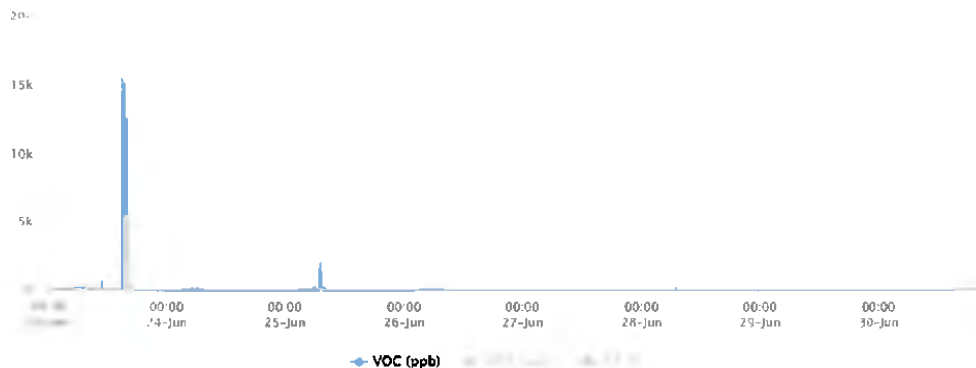


Air Monitoring Results – June 23 through July 1, 2021

Location #3 AreaRAE VOC

VOC were detected beginning between 0100 and 0200 from 6/23/21 to 6/26/21, with concentrations rising and leveling off near a peak concentration level during the overnight hours, then declining back to zero in the morning. Peak concentrations detected during each night were: 138 ppb on 6/23/21; 72 ppb on 6/24/2021; 1,891 ppb on 6/25/21; and 551 ppb on 6/26/21. It should be noted that most of the highest concentrations were detected during normal work hours after 0700 each morning as relatively short-term spikes. The high concentrations were likely related to work activities at the Site. The approximate concentrations each night from 6/23/21 to 6/26/2021 when VOC readings had levelled off at a plateau were: 125 ppb on 6/23/21; 55 ppb on 6/24/2021; 60 ppb on 6/25/21; and 50 ppb on 6/26/21. Additional VOC detections occurred as short-term spikes on; 6/23/21 at 1501 with a concentration of 15,395 ppb and on 6/28/21 at 0714 with a concentration of 202 ppb. These were likely attributable to Site work activities. This unit was taken offline at approximately 0738 on 7/1/21. Monitoring data are shown in the graph below.

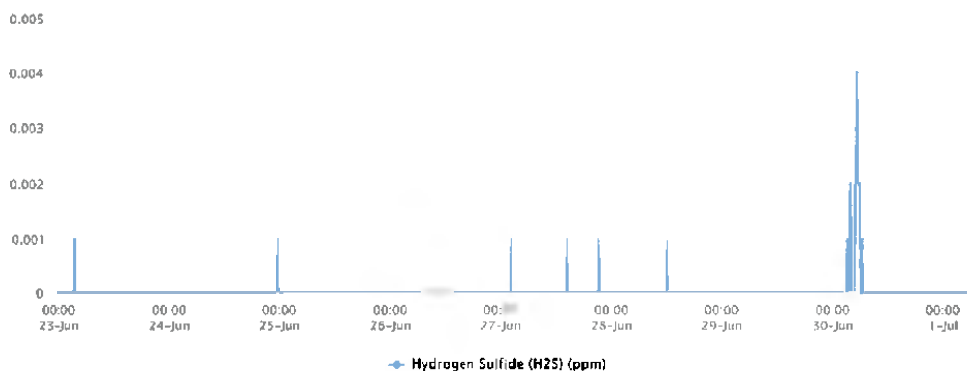
(.3002) AreaRAE Pro – Loc 3 Commercial



Location #3 SPM Flex Hydrogen Sulfide:

H₂S was detected during six time periods in this reporting period. H₂S was detected as short-term spikes of 0.001 ppm on: 6/23/21 from 0339 to 0349; 6/24/21 at 2350; 6/27/21 at 0228, 1435, and from 2119 to 2125; and 6/28 at 1223. H₂S was detected frequently and over longer durations on 6/30/21 from 0315 to 0638, with the highest concentration of 0.004 ppm occurring on 6/30/21 at approximately 0522. The unit was taken offline at approximately 0738 on 7/1/21. Monitoring data are shown in the graph below.

(.51) SPM Flex – Loc 3 Commercial



APPENDIX F

AIR MONITORING RESULTS SUMMARY – LOCATION #4

APPENDIX F
AIR MONITORING RESULTS SUMMARY – LOCATION #4
11184 Bristol Air Site
Bristol, Virginia
July 1 – July 22, 2021

Location # 4

Start date: July 1, 2021

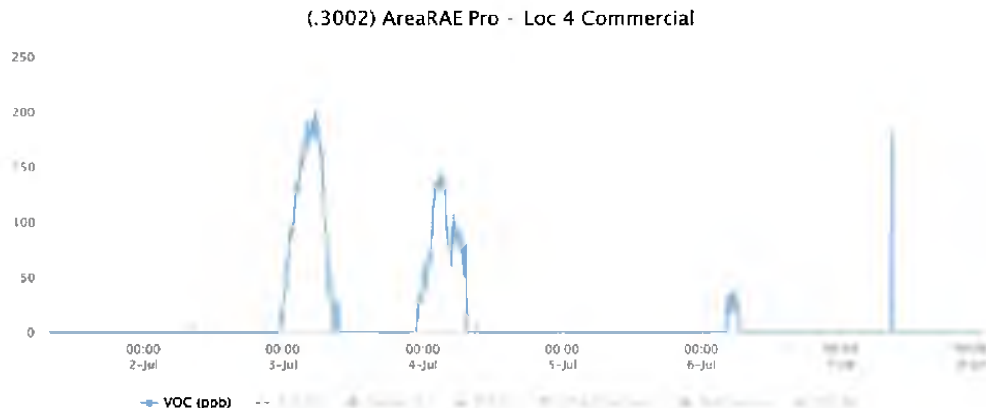
End date: July 22, 2021

Instruments: AreaRAE with photoionization detector (PID) for volatile organic compounds (VOC), Single-Point Monitor (SPM) Flex unit with hydrogen sulfide (H₂S) cassette.

Air Monitoring Results – July 1 through July 7, 2021

Location #4 AreaRAE VOC

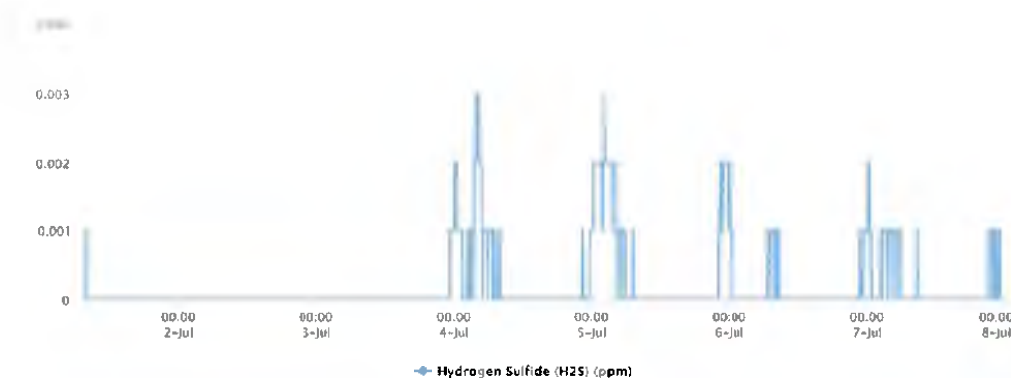
VOC were detected overnight on 7/3/21, 7/4/21, and 7/6/21, with detections beginning after 2300 and ending before 1000 the following morning. There were no overnight detections on 7/1/21, 7/2/21, and 7/5/21. There were continuous detections during these periods with concentrations rising and leveling off near a plateau level concentration during the overnight hours, then declining back to zero the in the morning. Peak concentrations detected each night were: 200 parts per billion (ppb) on 7/3/21; and 143 ppb on 7/4/21. The approximate concentrations each night when VOC readings had levelled off at a plateau were: 175 ppb on 7/3/21; and 125 ppb on 7/4/21. On 7/6/21, the VOC detections began at 0430 and continued to 0655 the following morning, with the highest concentration at 37 ppb and the approximate plateau level at 20 ppb. VOC detections were also observed as short-term spikes on 7/2/21 at 0835 at a concentration of 6 ppb and on 7/7/21 at 0910 at a concentration of 180 ppb. The cause of the spikes is uncertain but could be related to work activities at the facility. Monitoring data are shown in the graph below.



Location #4 SPM Flex Hydrogen Sulfide:

The maximum H₂S concentration during this reporting period was 0.003 parts per million (ppm). Detections of H₂S generally occurred in the overnight hours, beginning after 2200 on the evenings of 7/4/21 through 7/7/21 and returning to zero between 0730 and 0900 the following morning. Detections were as follows: 0.001 ppm on 7/1/21 from 0755 to 0819; 0.001 to 0.003 ppm on 7/3/21 from 2339 to 0800 on 7/4/21; 0.001 to 0.003 ppm on 7/4/21 from 2336 to 0729 on 7/5/21; 0.001 to 0.003 ppm on 7/5/21 from 2222 to 0031 on 7/6/21; 0.001 ppm from 0703 to 0902 on 7/6/21; 0.001 to 0.002 ppm on 7/7/21 from 2301 to 0902 on 7/7/21; and 0.001 ppm on 7/7/21 from 2133 to 2237. Monitoring data are shown in the graph below.

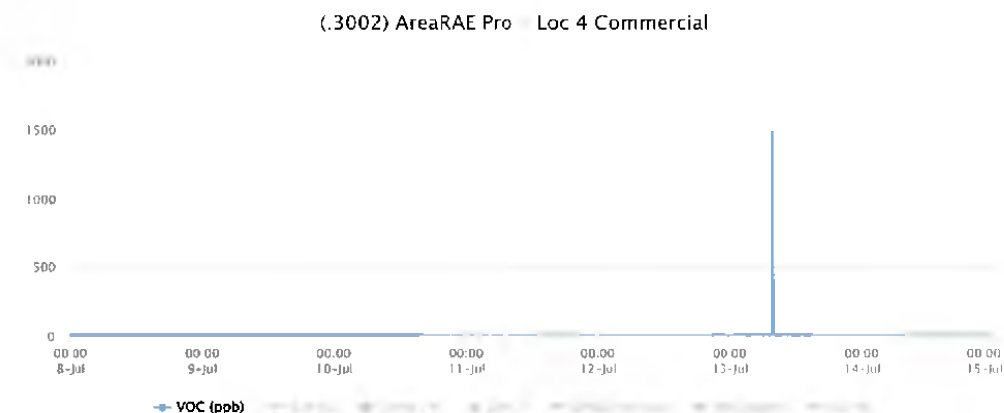
(.51) SPM Flex – Loc 4 Commercial



Air Monitoring Results – July 8 through July 15, 2021

Location #4 AreaRAE VOC

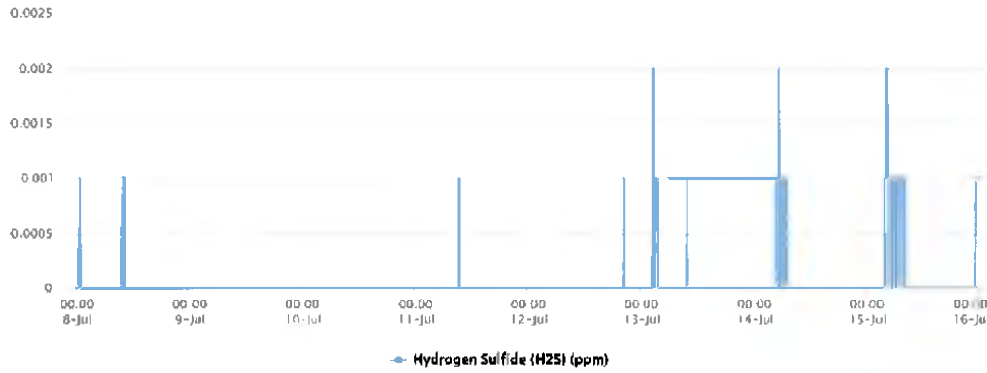
No nightly VOC detections were observed during this monitoring period. A short-term spike was detected on 7/13/21 from 0804 to 0806 with a maximum concentration of 1,483 ppb. The cause of the spike is uncertain but based on the short detection time, it was likely related to work activities at the facility. Monitoring data are shown in the graph below.



Location #4 SPM Flex Hydrogen Sulfide:

The maximum H₂S concentration of 0.002 ppm occurred during three relatively short periods: on 7/13/21 from 0233 to 0247; on 7/14/21 from 0516 to 0520; and on 7/15/21 from 0410 to 0416. Detections of 0.001 ppm H₂S occurred on 7/8/21, 7/11/21, 7/12/21, 7/13/21, 7/14/21, and 7/15/21. There were no H₂S detections on 7/9/21 and 7/10/21. Monitoring data are shown in the graph below.

(.51) SPM Flex – Loc 4 Commercial

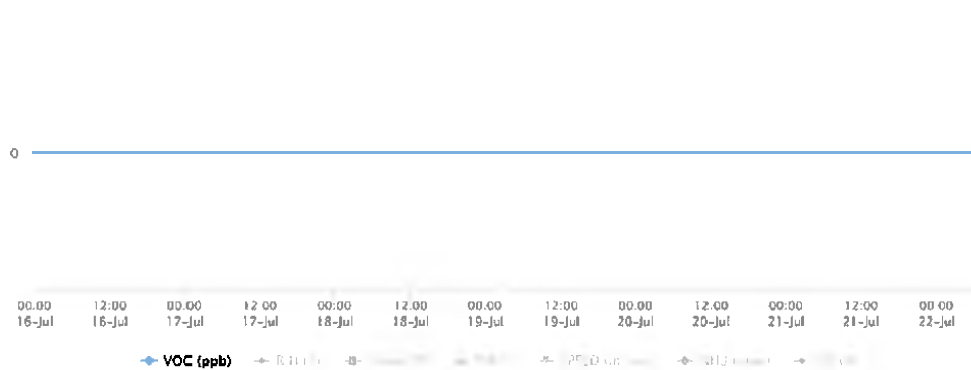


Air Monitoring Results – July 16 through July 22, 2021

Location #4 AreaRAE VOC

There were no detections of VOC during this monitoring period. The unit was offline from approximately 1957 on 7/17/21 to 0917 on 7/19/21. The unit was taken offline at 0656 on 7/22/21. Monitoring data are shown in the graph below.

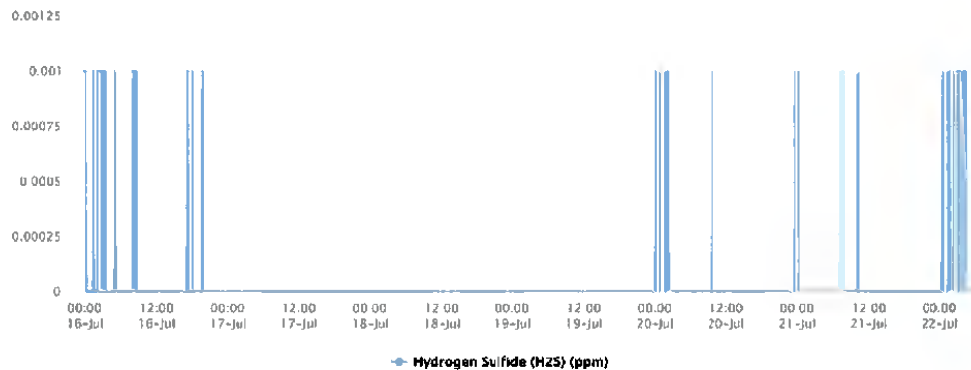
(.3002) AreaRAE Pro – Loc 4 Commercial



Location #4 SPM Flex Hydrogen Sulfide:

The maximum H₂S concentration of 0.001 ppm occurred multiple times throughout this monitoring period as short-term spikes often in quick succession to one another. These spikes occurred on 7/16/21 between 0001 and 1957; on 7/20/21 between 0014 and 0947; on 7/21/21 between 0001 to 1016; and on 7/22/21 between 0031 and 0438. The unit was taken offline at 0656. Monitoring data are shown in the graph below.

(.51) SPM Flex - Loc 4 Commercial



APPENDIX G

AIR MONITORING RESULTS SUMMARY – LOCATION #6

APPENDIX G
AIR MONITORING RESULTS SUMMARY – LOCATION #6
11184 Bristol Air Site
Bristol, Virginia
July 1 – July 22, 2021

Location # 6

Start date: July 1, 2021

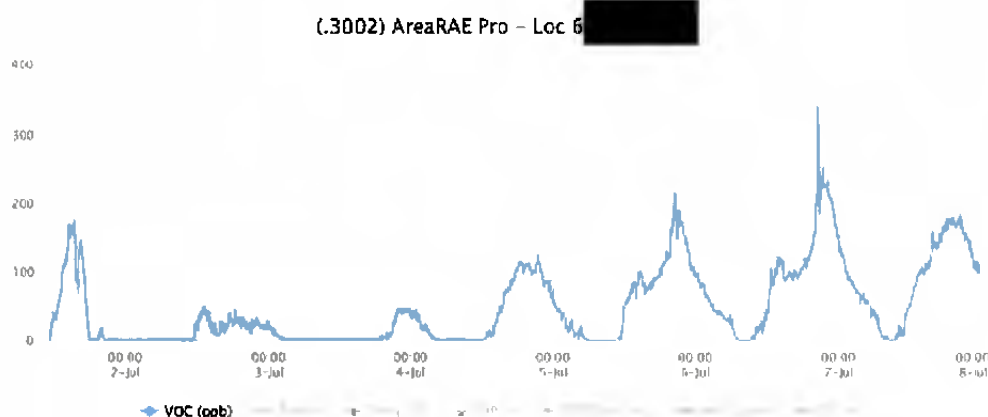
End date: July 22, 2021

Instruments: AreaRAE with photoionization detector (PID) for volatile organic compounds (VOC), Single-Point Monitor (SPM) Flex unit with hydrogen sulfide (H₂S) cassette.

Air Monitoring Results – July 1 through July 7, 2021

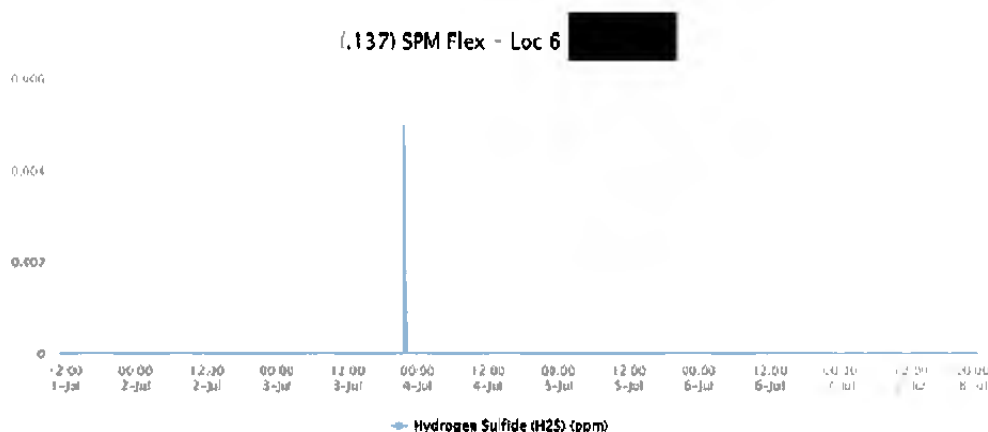
Location #6 AreaRAE VOC

VOC were detected daily, with detections beginning in the late mornings or early afternoon every day except 7/4/21, when they began rising at 1903. Concentrations generally rose through the afternoons and leveled off near plateau concentration level during the overnight hours, then declining back to zero the next morning between 0249 and 0800. Peak concentrations detected each day were: 174 parts per billion (ppb) on 7/1/21; 50 ppb on 7/2/21; 47 ppb on 7/3/21; 124 ppb on 7/4/21; 215 ppb on 7/5/21; 340 ppb on 7/6/21; and 183 ppb on 7/7/21. The approximate concentrations each night when VOC readings had levelled off at a plateau were: 25 ppb on 7/2/21; 35 ppb on 7/3/21; 100 ppb on 7/4/21; 175 ppb on 7/5/21; 200 ppb on 7/6/21; and 150 ppb on 7/7/21. Monitoring data are shown in the graph below.



Location #6 SPM Flex Hydrogen Sulfide:

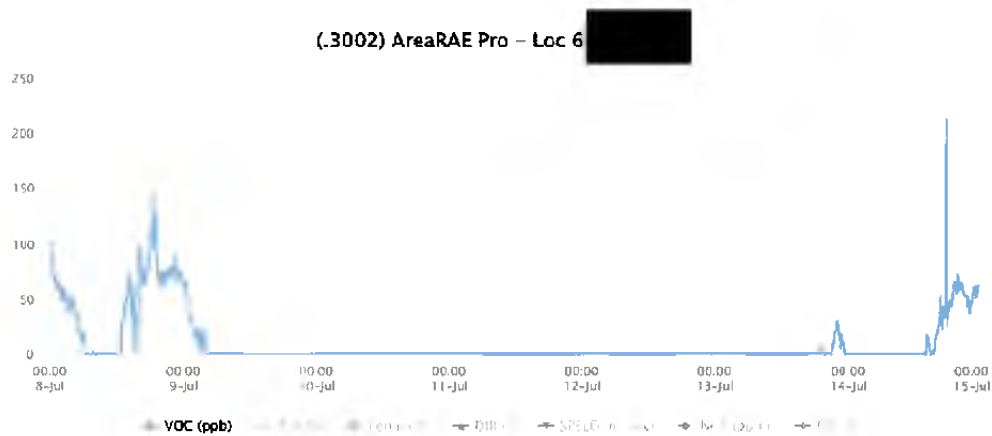
H₂S was detected on 7/3/21 from 2153 to 2215, with the peak concentration detected at 0.005 parts per million (ppm). This was the only H₂S concentration detected throughout the monitoring period. Monitoring data are shown in the graph below.



Air Monitoring Results – July 8 through July 14, 2021

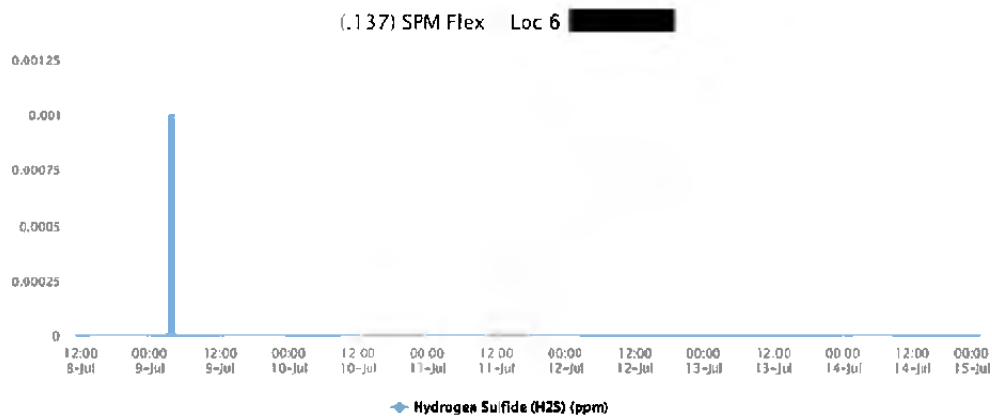
Location #6 AreaRAE VOC

VOC were detected over long periods on 7/8/21, 7/9/21, 7/13/21, and 7/14/21, but the start time of the VOC detections did not follow a particular pattern during this monitoring period. Detections began in the early afternoon or evening, with concentrations rising and leveling off near a peak concentration level during the overnight hours, then declining back to zero by 2349 on 7/13/21. The concentrations dropped back to zero by the next morning on 7/8 and 7/9. Peak concentrations detected each day were: 146 ppb on 7/8/21; 67 ppb on 7/9/21; 32 ppb on 7/13/21; and 214 ppb on 7/14/21. The approximate concentrations each night when VOC readings had levelled off at a plateau were: 75 ppb on 7/8/2021; 15 ppb on 7/13/21; and 50 ppb on 7/14/21. The detection beginning in the afternoon on 7/8/21 began at 1252 and lasted until 0357 on 7/9/21; the detection on 7/13/21 began at 1900 and lasted until 2350; and the detection on 7/14/21 began at 1404 and lasted into 7/15/21. No VOC detections occurred on 7/10/21 through 7/12/21. Monitoring data are shown in the graph below. The AreaRAE was offline from approximately 0937 on 7/9/21 to 1747 on 7/10/21 and no data was recorded during that time.



Location #6 SPM Flex Hydrogen Sulfide:

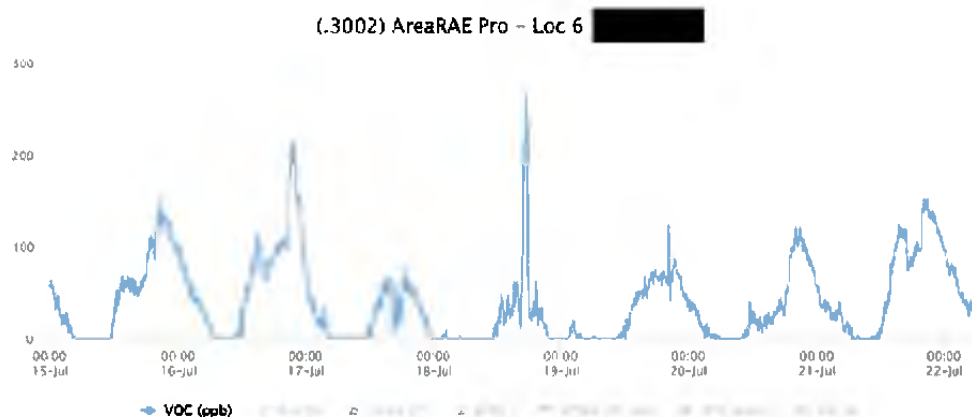
The maximum H_2S concentration of 0.001 ppm occurred twice on 7/9/21 as two spikes in quick succession, the first occurring at 0328 and lasting until 0332 and the second beginning at 0354 and lasting until 0400. These were the only occurrences of H_2S throughout this monitoring period. Monitoring data are shown in the graph below.



Air Monitoring Results – July 15 through July 22, 2021

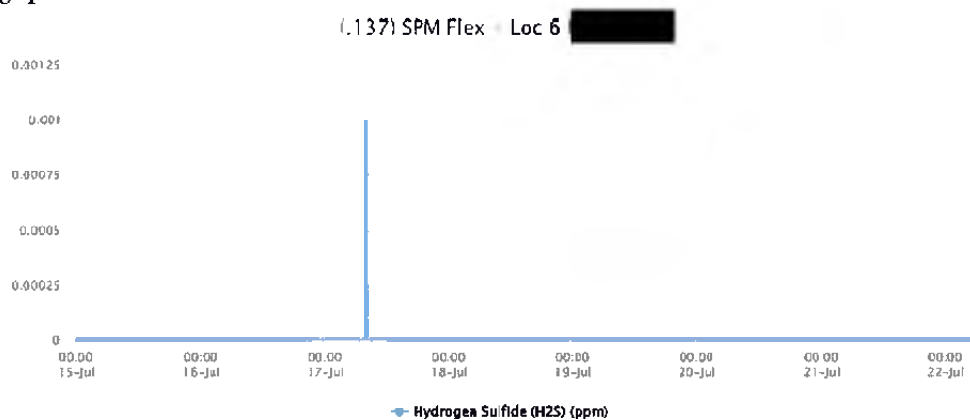
Location #6 AreaRAE VOC

VOC were detected daily, with detections beginning in the late morning with concentrations rising through the afternoon and leveling off near a peak concentration during the overnight hours, then declining back to zero the next morning for a short time before the next detections began. Peak concentrations detected each day were: 156 ppb on 7/15/21; 216 ppb on 7/16/21; 79 ppb on 7/17/21; 274 ppb on 7/18/21; 126 ppb on 7/19/21; 121 on 7/20/21; 152 ppb on 7/21/21; and 101 ppb on 7/22/21. The concentrations each night when VOC readings had levelled off at a plateau were approximately: 120 ppb on 7/15/21; 175 ppb on 7/16/21; 60 ppb on 7/17/21; 100 ppb on 7/18/21; 60 ppb on 7/19/21; 100 on 7/20/21; and 140 ppb on 7/21/21. The detections began between 1030 and 1200 each day and dropped to non-detect between 0240 and 0700 the next morning. The unit was taken offline at 0649 on 7/22/21. Monitoring data are shown in the graph below.



Location #6 SPM Flex Hydrogen Sulfide:

A maximum H₂S concentration of 0.001 ppm was observed on 7/17/21. The first detection occurred from 0753 to 0755, the second at 0805, and the third from 0807 to 0818. These were the only detections of H₂S in this monitoring period. The unit was taken offline at 0649 on 7/22/21. Monitoring data are shown in the graph below.



APPENDIX H

ANALYTICAL RESULTS TABLE AND VOC AIR MONITORING GRAPHS

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

Sample ID: Canister No. Location: Sample Date (beginning date): Sampling Duration: Matrix:		B061521 S215 1 6/15/21 11 Hr 22 Min Air			B061521 S158 1 6/16/2021 8 Hr 55 Min Air			B061821 533 3 6/20/2021 28 Hr 50 Min Air			B061821 S213 1 6/20/2021 27 Hr 45 Min Air			B062021 521 2 6/21/2021 9 Hr 22 Min Air			B062521 S172 2 6/26/2021 8 Hr 8 Min Air			B062721 524 1 6/28/2021 8 Hr 47 Min Air		
	Conversion factor ppbv to µg/m³																					
Parameter		Result (ppbv)	Result (µg/m³)	Q	Result (ppbv)	Result (µg/m³)	Q	Result (ppbv)	Result (µg/m³)	Q	Result (ppbv)	Result (µg/m³)	Q	Result (ppbv)	Result (µg/m³)	Q	Result (ppbv)	Result (µg/m³)	Q	Result (ppbv)	Result (µg/m³)	Q
1,1,1-Trichloroethane	5.46	0.01	0.05	MD	0.02	0.11	MD	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
1,1,2,2-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	0.07	0.54	SQ	0.07	0.54	SQ	0.07	0.54	SQ	0.07	0.54	SQ	0.07	0.54	SQ	0.08	0.61	SQ	0.07	0.54	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	0.14	1.04	AC1/MD	0.250	1.86	ND/AC1	0.25	1.86	ND/AC1	0.25	1.86	ND/AC1	0.13	0.96	MD/AC1	0.13	0.96	MD/AC1	0.125	0.93	ND/AC1
1,2,4-Trimethylbenzene	4.92	0.16	0.79	AC2	0.12	0.59	SQ	0.05	0.25	MD	0.13	0.64		0.02	0.10	MD	0.08	0.39	SQ	0.03	0.15	MD
1,2-Dibromoethane	7.69	0.01	0.08	MD	0.125	0.96	ND	0.125	0.96	ND	0.125	0.96	ND	0.125	0.96	ND	0.01	0.08	MD	0.125	0.96	ND
1,2-Dichlorobenzene	6.01	0.04	0.24	AC2	0.125	0.75	ND	0.01	0.06	MD	0.125	0.75	ND	0.01	0.06	MD	0.03	0.18	MD	0.01	0.06	MD
1,2-Dichloroethane	4.05	0.03	0.12	SQ	0.02	0.08	MD	0.125	0.51	ND	0.03	0.12	SQ	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	0.05	0.25	AC2	0.04	0.20	SQ	0.02	0.10	MD	0.04	0.20	SQ	0.01	0.05	MD	0.03	0.15	MD	0.01	0.05	MD
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	0.04	0.24	AC2	0	0.00	MD	0.125	0.75	ND	0.125	0.75	MD	0.01	0.06	MD	0.04	0.24	SQ	0.01	0.06	MD
1,4-Dichlorobenzene	6	0.05	0.30	MD	0.02	0.12	MD	0.01	0.06	MD	0.01	0.06	MD	0.02	0.12	MD	0.05	0.30	MD	0.01	0.06	MD
4-Ethyltoluene	4.92	0.24	1.18		0.22	1.08		0.2	0.98		0.24	1.18		0.2	0.98		0.22	1.08		0.2	0.98	
Acetonitrile	1.68	7.2	12.10		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	0.125	0.21	ND
Acrolein	2.29	0.25	0.57	ND	0.25	0.57	ND	0.6	1.37	AC2	0.125	0.29	ND	0.25	0.57	ND	0.36	0.82	AC2	0.57	1.31	
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	2.23	7.11		3.21	10.24		1.34	4.27		2.4	7.66		0.08	0.26	SQ	1.89	6.03		0.36	1.15	
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	0.06	0.38	SQ	0.06	0.38	SQ	0.05	0.31	SQ	0.06	0.38	SQ	0.06	0.38	SQ	0.06	0.38	SQ	0.06	0.38	SQ
Chlorobenzene	4.61	0.01	0.05	MD	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

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

Sample ID: Canister No. Location: Sample Date (beginning date): Sampling Duration: Matrix:		B061521 S215 1 6/15/21 11 Hr 22 Min Air			B061521 S158 1 6/16/2021 8 Hr 55 Min Air			B061821 533 3 6/20/2021 28 Hr 50 Min Air			B061821 S213 1 6/20/2021 27 Hr 45 Min Air			B062021 521 2 6/21/2021 9 Hr 22 Min Air			B062521 S172 2 6/26/2021 8 Hr 8 Min Air			B062721 524 1 6/28/2021 8 Hr 47 Min Air		
	Conversion factor ppbv to µg/m³																					
Parameter		Result (ppbv)	Result (µg/m³)	Q	Result (ppbv)	Result (µg/m³)	Q	Result (ppbv)	Result (µg/m³)	Q	Result (ppbv)	Result (µg/m³)	Q	Result (ppbv)	Result (µg/m³)	Q	Result (ppbv)	Result (µg/m³)	Q	Result (ppbv)	Result (µg/m³)	Q
Chloromethane	2.07	0.6	1.24		0.61	1.26		0.69	1.43		0.63	1.30		0.69	1.43		0.65	1.35		0.64	1.32	
Cyclohexane	3.44	0.06	0.21	SQ	0.03	0.10	SQ	0.02	0.07	MD	0.03	0.10	SQ	0.02	0.07	MD	0.02	0.07	MD	0.125	0.43	ND
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	0.52	2.57		0.48	2.38		0.51	2.52		0.5	2.48		0.49	2.43		0.53	2.62		0.5	2.48	
Ethyl Acetate	3.6	1.78	6.41		0.21	0.76		0.11	0.40	SQ	0.12	0.43	SQ	0.1	0.36	SQ	0.09	0.32	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	0.23	1.00	AC2	0.25	1.09		0.09	0.39	SQ	0.19	0.82		0.02	0.09	MD	0.12	0.52	SQ	0.05	0.22	SQ
Freon 11	5.62	0.24	1.35		0.23	1.29		0.23	1.29		0.23	1.29		0.23	1.29		0.26	1.46		0.23	1.29	
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	0.14	0.57		0.08	0.33	SQ	0.06	0.25	SQ	0.08	0.33	SQ	0.125	0.51	ND	0.05	0.21	SQ	0.04	0.16	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	0.125	1.33	ND	0.125	1.33	ND
Hexane	3.53	0.22	0.78		0.09	0.32	SQ	0.09	0.32	SQ	0.11	0.39	SQ	0.08	0.28	SQ	0.05	0.18	SQ	0.07	0.25	SQ
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	1.56	5.41		0.21	0.73		0.14	0.49		0.16	0.56		0.07	0.24	MD	0.31	1.08		0.07	0.24	MD
Propylene	1.72	0.125	0.22	ND	1.11	1.91		0.125	0.22	ND	0.95	1.63		0.125	0.22	ND	0.76	1.31		0.69	1.19	
Styrene	4.26	0.24	1.02		0.39	1.66		0.18	0.77		0.19	0.81		0.18	0.77		0.18	0.77		0.18	0.77	
Tetrachloroethylene	6.78	0.04	0.27	SQ	0.02	0.14	MD	0.02	0.14	MD	0.02	0.14	MD	0.01	0.07	MD	0.03	0.20	SQ	0.125	0.85	ND
Tetrahydrofuran	2.95	0.16	0.47		0.17	0.50	AD1	0.1	0.30	SQ	0.12	0.35	SQ	0.125	0.37	ND	0.125	0.37	ND	0.125	0.37	ND
Toluene	3.77	1.12	4.22		0.58	2.19		0.42	1.58		0.72	2.71		0.25	0.94		0.41	1.55		0.28	1.06	
Trichloroethylene	5.37	0.02	0.11	MD	0.02	0.11	MD	0.02	0.11	MD	0.02	0.11	MD	0.02	0.11	MD	0.125	0.67	ND	0.125	0.67	ND
Trichloromethane	4.88	0.22	1.07		0.02	0.10	MD	0.02	0.10	MD	0.02	0.10	MD	0.03	0.15	SQ	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	0.44	1.91	AC2	0.41	1.78		0.15	0.65		0.3	1.30		0.07	0.30	SQ	0.2	0.87		0.14	0.61	
o-Xylene	4.34	0.15	0.65	AC2	0.14	0.61		0.06	0.26	SQ	0.12	0.52	SQ	0.03	0.13	MD	0.07	0.30	SQ	0.05	0.22	SQ
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

Sample ID: Canister No. Location: Sample Date (beginning date): Sampling Duration: Matrix:	B062921 S150 2 7/1/2021 29 Hr 40 Min Air			B070621 542 6 7/7/2021 10 Hr 30 Min Air			B070821 ¹ 402 4 7/9/2021 27 Hr 30 Min Air			B070821 ¹ S107 5 7/9/2021 10 Hr 15 Min Air			B071421 405 6 7/16/2021 29 Hr 55 Min Air			B071521 401 4 7/16/2021 9 hr Air			B071621 408 1 7/17/2021 9 Hr 10 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	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
1,1,2,2-Tetrachloroethane	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	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	0.07	0.54	SQ	0.07	0.54	SQ	0.07	0.54	SQ	0.07	0.54	SQ	0.08	0.61	SQ	0.07	0.54	SQ	0.08	0.61	SQ
1,1-Dichloroethane	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	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	0.25	1.86	ND	0.25	1.86	ND	0.25	1.86	ND	0.25	1.86	ND	0.25	1.86	ND	0.25	1.86	ND	0.25	1.86	ND
1,2,4-Trimethylbenzene	0.04	0.20	MD	0.15	0.74		0.24	1.18		0.04	0.20	MD	0.06	0.30	SQ	0.27	1.33		0.1	0.49	SQ
1,2-Dibromoethane	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	0.125	0.75	ND	0.01	0.06	MD	0.02	0.12	MD	0.125	0.75	ND	0.01	0.06	MD	0.125	0.75	ND	0.125	0.75	ND
1,2-Dichloroethane	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	0.125	0.58	ND	0.125	0.58	ND	0.09	0.42	SQ	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND
1,3,5-Trimethylbenzene	0.01	0.05	MD AC2	0.04	0.20	SQ	0.05	0.25	SQ	0.01	0.05	MD	0.125	0.62	ND	0.08	0.39	SQ	0.03	0.15	MD
1,3-Butadiene	0.03	0.07	MD	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	0.125	0.75	ND	0.01	0.06	MD	0.01	0.06	MD	0.125	0.75	ND	0.125	0.75	ND	0.125	0.75	ND	0.125	0.75	ND
1,4-Dichlorobenzene	0.01	0.06	MD	0.03	0.18	MD	0.04	0.24	MD	0.03	0.18	MD	0.25	1.50	ND	0.04	0.24	MD	0.07	0.42	MD
4-Ethyltoluene	0.2	0.98		0.09	0.44	SQ	0.13	0.64		0.02	0.10	MD	0.125	0.62	ND	0.07	0.34	SQ	0.125	0.62	ND
Acetonitrile	0.125	0.21	ND	0.125	0.21	ND	0.125	0.21	ND	0.42	0.71		0.125	0.21	ND	0.125	0.21	ND	0.125	0.21	ND
Acrolein	0.25	0.57	ND	0.25	0.57	ND	0.68	1.56		0.25	0.57	ND	0.86	1.97	AC1	0.94	2.15	AC1	0.51	1.17	AC1
Acrylonitrile	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	0.63	2.01		0.3	0.96		0.16	0.51		0.11	0.35	SQ	0.22	0.70		3.91	12.47		2.31	7.37	
Bromodichloromethane	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	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	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	0.07	0.44	SQ	0.07	0.44	SQ	0.07	0.44	SQ	0.07	0.44	SQ	0.06	0.38	SQ	0.07	0.44	SQ	0.07	0.44	SQ
Chlorobenzene	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

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

Sample ID:	B062921			B070621			B070821 ¹			B070821 ¹			B071421			B071521			B071621		
Canister No.	S150			542			402			S107			405			401			408		
Location:	2			6			4			5			6			4			1		
Sample Date (beginning date):	7/1/2021			7/7/2021			7/9/2021			7/9/2021			7/16/2021			7/16/2021			7/17/2021		
Sampling Duration:	29 Hr 40 Min			10 Hr 30 Min			27 Hr 30 Min			10 Hr 15 Min			29 Hr 55 Min			9 hr			9 Hr 10 Min		
Matrix:	Air			Air			Air			Air			Air			Air			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	0.59	1.22		0.59	1.22		0.63	1.30		0.59	1.22		0.53	1.10		0.59	1.22		0.55	1.14	
Cyclohexane	0.02	0.07	MD	0.05	0.17	SQ	0.04	0.14	SQ	0.04	0.14	SQ	0.03	0.10	SQ	0.09	0.31	SQ	0.04	0.14	SQ
Dibromochloromethane	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	0.49	2.43		0.5	2.48		0.53	2.62		0.52	2.57		0.51	2.52		0.6	2.97		0.56	2.77	
Ethyl Acetate	0.07	0.25	SQ	0.125	0.45	ND	0.33	1.19	AC2	0.34	1.22	AC2	0.13	0.47		1.96	7.06		0.125	0.45	ND
Ethyl Chloride	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	0.06	0.26	SQ	0.15	0.65		0.12	0.52	SQ	0.04	0.17	SQ	0.07	0.30	SQ	0.54	2.34		0.24	1.04	
Freon 11	0.23	1.29		0.25	1.41		0.25	1.41		0.25	1.41		0.26	1.46	AC2	0.3	1.69	AC2	0.26	1.46	AC2
Freon 114	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	0.04	0.16	SQ	0.14	0.57		0.11	0.45	SQ	0.09	0.37	SQ	0.06	0.25	SQ	0.18	0.74		0.06	0.25	SQ
Hexachloro-1,3-Butadiene	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	0.125	1.33	ND	0.125	1.33	ND
Hexane	0.05	0.18	SQ	0.28	0.99		0.18	0.64		0.12	0.42	SQ	0.13	0.46		0.125	0.44	ND	0.14	0.49	
MTBE	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	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	0.1	0.35	MD	0.09	0.31	MD	0.1	0.35	MD	0.15	0.52		0.1	0.35	MD	0.41	1.42		0.11	0.38	MD
Propylene	0.125	0.22	AC1	1.43	2.46		0.4	0.69		0.125	0.22	ND	0.125	0.22	ND	0.125	0.22	ND	0.87	1.50	
Styrene	0.22	0.94		0.34	1.45		1.28	5.45		0.06	0.26	MD	0.1	0.43	MD	0.12	0.51	MD	0.07	0.30	MD
Tetrachloroethylene	0.01	0.07	MD	0.125	0.85	ND	0.125	0.85	ND	0.125	0.85	ND	0.125	0.85	ND	0.03	0.20	SQ	0.125	0.85	ND
Tetrahydrofuran	0.07	0.21	SQ	0.125	0.37	ND	0.125	0.37	ND	0.125	0.37	ND	0.125	0.37	ND	0.38	1.12		0.18	0.53	
Toluene	0.29	1.09		0.72	2.71		0.56	2.11		0.28	1.06		0.43	1.62		1.49	5.62		0.57	2.15	
Trichloroethylene	0.01	0.05	MD	0.125	0.67	ND	0.07	0.38	SQ	0.08	0.43	SQ	0.125	0.67	ND	0.125	0.67	ND	0.125	0.67	ND
Trichloromethane	0.03	0.15	SQ	0.07	0.34	SQ	0.02	0.10	MD	0.02	0.10	MD	0.03	0.15	SQ	0.04	0.20	SQ	0.03	0.15	SQ
Vinyl Chloride	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	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	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	0.09	0.39	SQ	0.5	2.17		0.4	1.74		0.14	0.61		0.23	1.00		0.87	3.78		0.33	1.43	
o-Xylene	0.04	0.17	AC2	0.18	0.78		0.16	0.69		0.05	0.22	SQ	0.09	0.39	SQ	0.32	1.39		0.11	0.48	SQ
trans-1,2-Dichloroethene	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	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.

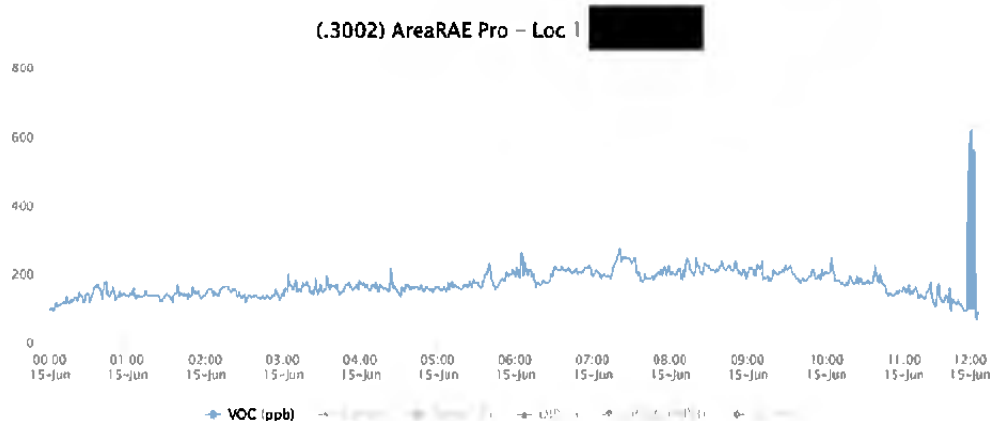
APPENDIX H
VOC Air Monitoring Graphs
11184 Bristol Air Site Bristol, Virginia

VDEQ Sample S215

Location: #1

Start date/time: June 15, 2021 at 0100

End date: June 15, 2021 at 1122

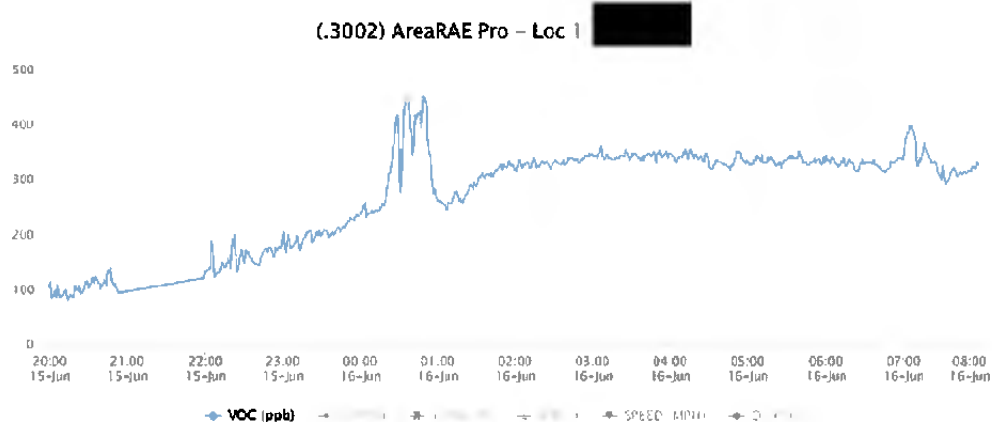


VDEQ Sample S158

Location: #1

Start date/time: June 15, 2021 at 2025

End date: June 16, 2021 at 0720



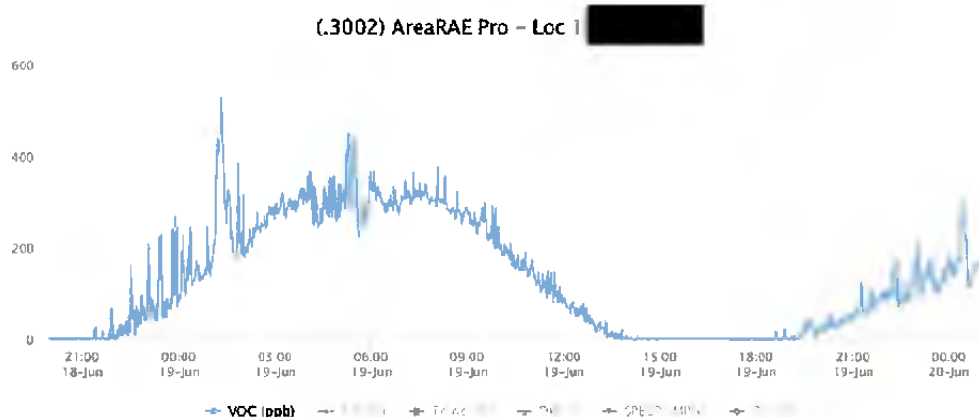
APPENDIX H
VOC Air Monitoring Graphs
11184 Bristol Air Site Bristol, Virginia

VDEQ Sample S213

Location: #1

Start date/time: June 18, 2021 at 2100

End date: June 20, 2021 at 0045

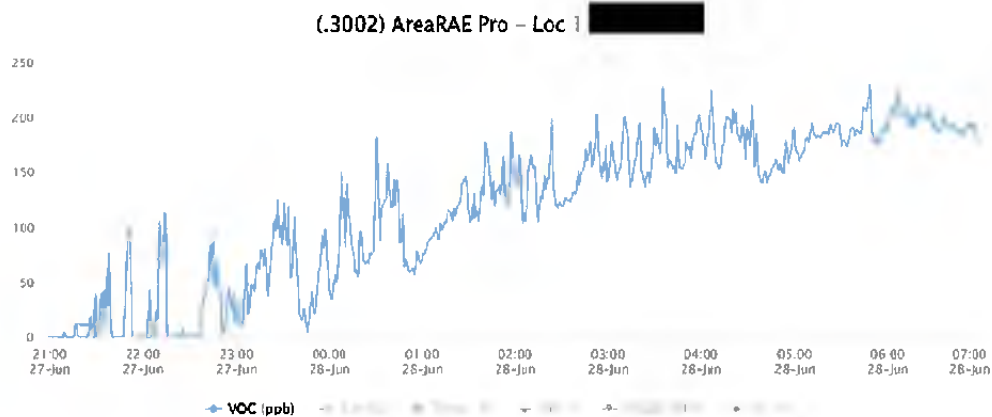


VDEQ Sample 524

Location: #1

Start date/time: June 27, 2021 at 2145

End date: June 28, 2021 at 0632



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

VDEQ Sample 408

Location: #1

Start date/time: July 16, 2021 at 2340

End date: July 17, 2021 at 0850

(.3002) AreaRAE Pro – Loc 1

0

23:00 00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00
16-Jul 17-Jul 17-Jul 17-Jul 17-Jul 17-Jul 17-Jul 17-Jul 17-Jul 17-Jul 17-Jul

→ VOC (ppb) → Temp (F) → DIS (F) → SPEED (MPH) →

VDEQ Sample S107

Location: #5

Start date/time: July 8, 2021 at 2030

End date: July 9, 2021 at 0545

(.3003) AreaRAE Pro – Loc 5

0

20:00 21:00 22:00 23:00 00:00 01:00 02:00 03:00 04:00 05:00 06:00
8-Jul 8-Jul 8-Jul 8-Jul 9-Jul 9-Jul 9-Jul 9-Jul 9-Jul 9-Jul 9-Jul

→ VOC (ppb) → CARBONA (ureim h) → CO (ppm) → H2S (ppm) → O2 (%) → LEL (REL)

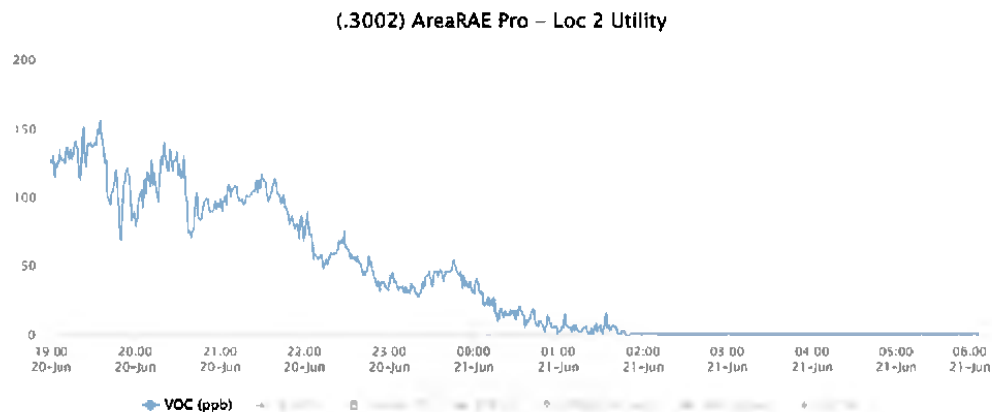
APPENDIX H
VOC Air Monitoring Graphs
11184 Bristol Air Site Bristol, Virginia

VDEQ Sample 521

Location: #2

Start date/time: June 20, 2021 at 2000

End date: June 21, 2021 at 0522

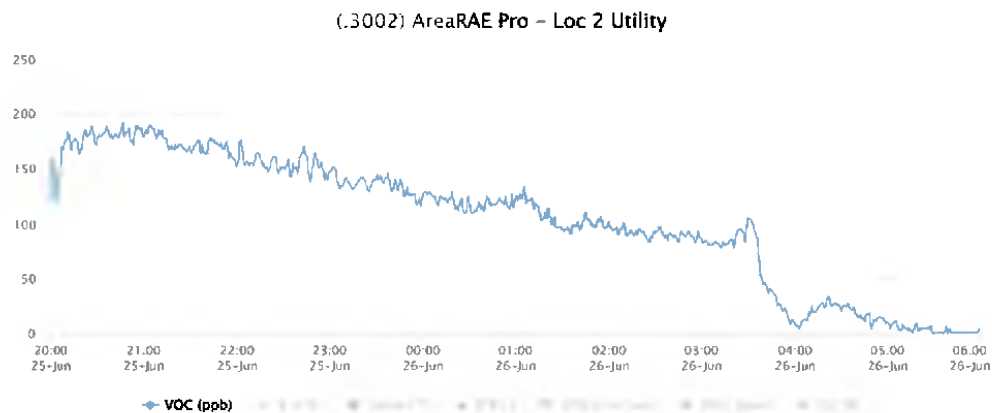


VDEQ Sample S172

Location: #2

Start date/time: June 25, 2021 at 2115

End date: June 26, 2021 at 0523



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

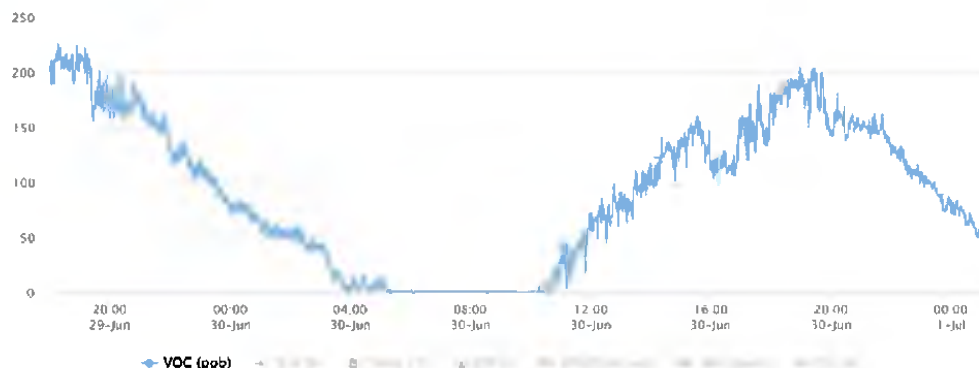
VDEQ Sample S150

Location: #2

Start date/time: June 29, 2021 at 1845

End date: July 1, 2021 at 0025

(.3002) AreaRAE Pro – Loc 2 Utility



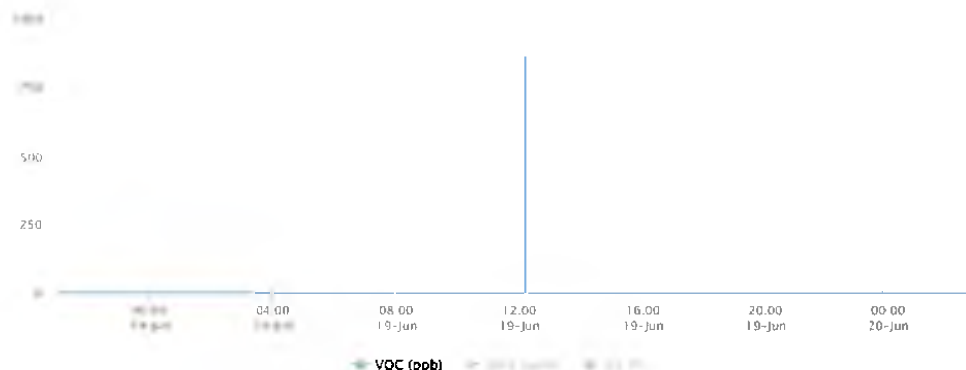
VDEQ Sample 533

Location: #3

Start date/time: June 18, 2021 at 2200

End date: June 20, 2021 at 0250

(.3002) AreaRAE Pro – Loc 3 Commercial



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

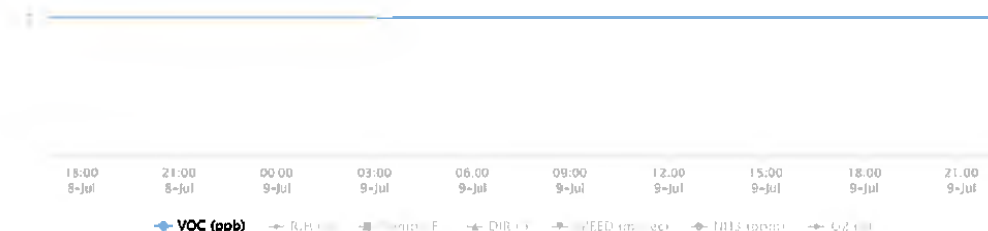
VDEQ Sample 402

Location: #4

Start date/time: July 8, 2021 at 1735

End date: July 9, 2021 at 2105

(.3002) AreaRAE Pro – Loc 4 Commercial



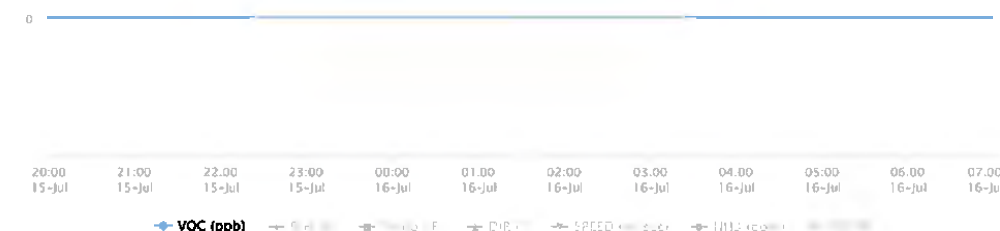
VDEQ Sample 401

Location: #4

Start date/time: July 15, 2021 at 2115

End date: July 16, 2021 at 0615

(.3002) AreaRAE Pro – Loc 4 Commercial



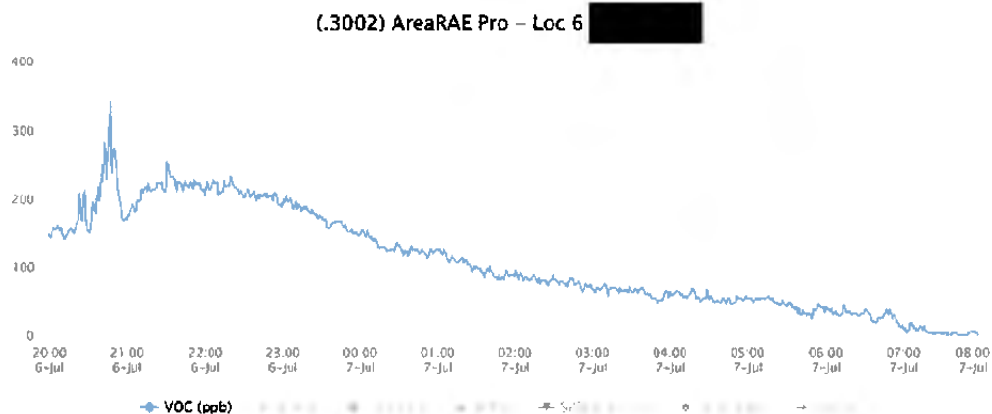
APPENDIX H
VOC Air Monitoring Graphs
11184 Bristol Air Site Bristol, Virginia

VDEQ Sample 542

Location: #6

Start date/time: July 6, 2021 at 2120

End date: July 7, 2021 at 0710

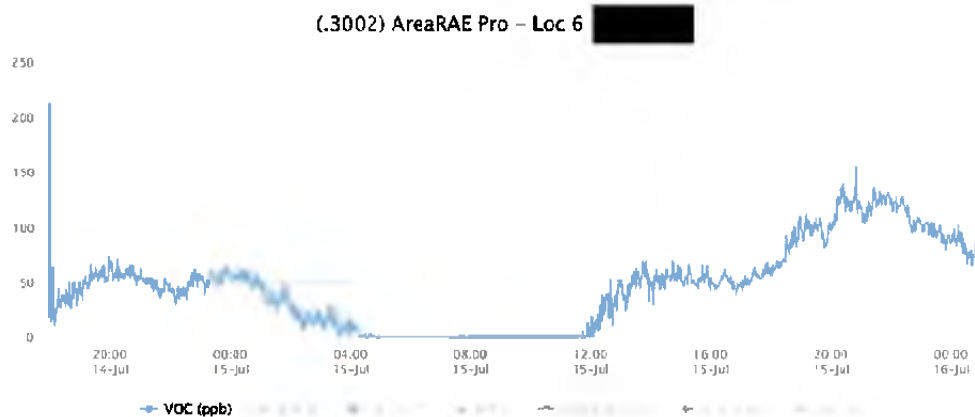


VDEQ Sample 405

Location: #6

Start date/time: July 14, 2021 at 1845

End date: July 16, 2021 at 0040



ATTACHMENT 1
VDEQ AIR SAMPLE DESCRIPTIONS

Bristol Air Samples:

1. Location 1

- 06/14/2021, 8 hour sampler (Canister # S236) - Sample start time 2315 hours. Sample stop time 2330 hours. This was supposed to be an 8 hours sample but lost vacuum. Instantaneous sample instead (15 minute total run time) **NOTE:** This sample was collected but not analyzed;
- 06/15/2021, 8 hour sampler (Canister # S215) - Sample start time 0100 hours. Sample stop time 1122 hours. Total run time 11 hours 22 minutes;
- 06/15/2021, 8 hour sampler (Canister # S158) - Sample start time 2025 hours. Sample stop time 0720 hours on 06/16. Total run time 8 hours 55 minutes;
- 06/18/2021, 24 hours sampler (Canister # S213). Sample start time 2100 hours. Sample stop time 0045 hours on 06/20. Total run time 27 hours 45 minutes.
- 06/27/2021, 8 hours sampler (Canister # 524) - Sample start time 2145 hours. Sample stop time 0632 on 06/28/21. Total run time 8 hours and 47 minutes.
- 07/16/2021, 8 hour sampler (Canister # 408) - Sample start time 2340 hours. Sample stop time 0850 hours. Total run time 9 hours 10 minutes.

2. Location 2 Utility:

- 06/20/2021, 8 hour sampler (Canister # 521) - Sample start time 2000 hours. Sample stop time 0522 hours. Total run time 9 hours 22 minutes.
- 06/25/2021, 8 hours sampler (Canister # S172) - Sample start time 2115 hours. Sample stop time 0523 on 06/26/21. Total run time 8 hours and 8 minutes.
- 06/29/2021, 24 hour sampler (Canister # S150), Sample Start time 1845 hours. Sample stop time 0025 on 07/01/21. Total run time 29 hours 40 minutes

3. Location 3 Commercial:

- 06/18/2021, 24 hours sampler (Canister # 533) - Sample start time 2200 hours. Sample stop time 0250 hours on 06/20. Total run time 28 hours 50 minutes.

4. Location 4 Commercial:

- 07/08/2021, 24 hour sampler (Canister # 402) - Sample start time 1735 hours. Sample stop time 2105 hours. Total run time 27 hours 30 minutes.
- 07/15/2021, 8 hour sampler (Canister # 401) - Sample start time 2115 hours. Sample stop time 0615 hours. Total run time 9 hours.

5. Location 5

- 07/08/2021, 8 hour sampler (Canister # S107) - Sample start time 2030 hours. Sample stop time 0545 hours. Total run time 10 hours 15 minutes.

6. **Location 6** [REDACTED]

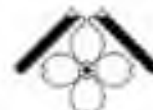
- 07/06/2021, 8 hour sampler (Canister # 542) - Sample start time 2120 hours. Sample stop time 00710 hours. Total run time 10 hours 30 minutes.
- 07/14/2021, 24 hour sampler (Canister # 405) - Sample start time 1845 hours. Sample stop time 0040 hours on 07/16/2021. Total run time 29 hours 55 minutes.

ATTACHMENT 2

ANALYTICAL RESULTS FOR VDEQ AIR SAMPLES

Commonwealth of Virginia
Division of Consolidated Laboratory Services

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



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: **07/28/2021**
DCLS LIMS #: **E210704131**

Mail To

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

Sample Information

DATE RECEIVED	07/21/2021 14:35	PROGRAM CODE	AM
SAMPLING DATE	07/15/2021 21:15	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACEY A. BOWERS	CONTAINER ID	401
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL VIRGINIA LANDFILL LOCATION 4
REPORT BDL	Y		COMMERCIAL
		LOCATION	BRISTOL VIRGINIA LANDFILL
		SAMPLE ID	B071521

Test Results

APPROVED BY: [Redacted] Analyst H

DATE APPROVED: 07/28/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		07/21/2021
	Identified: Butane, Ethanol, Acetone, Pentane, 1,4-Pentadiene, Dimethyl sulfide, 2-methyl propanal, alpha pinene, Decane.			
	Propylene	< 0.125 ppbV	43205	07/21/2021
	Dichlorodifluoromethane	0.60 ppbV	43823	07/21/2021
	Chloromethane	0.59 ppbV	43801	07/21/2021
	Freon 114	< 0.125 ppbV	43208	07/21/2021
	Vinyl Chloride	< 0.125 ppbV	43860	07/21/2021
	1,3-Butadiene	< 0.125 ppbV	43218	07/21/2021
	Bromomethane	< 0.125 ppbV	43819	07/21/2021
	Ethyl Chloride	< 0.125 ppbV	43812	07/21/2021
	Acetonitrile	< 0.125 ppbV	43702	07/21/2021
	Acrolein	0.94 ppbV	43505	07/21/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Freon 11	0.30 ppbV	43811	07/21/2021
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	Acrylonitrile	< 0.125 ppbV	43704	07/21/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	07/21/2021
	Methylene Chloride	0.41 ppbV	43802	07/21/2021
	1,1,2-Trichlorotrifluoroethane	0.07 ppbV	43207	07/21/2021
	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	07/21/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	07/21/2021
	MTBE	< 0.125 ppbV	43372	07/21/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	07/21/2021
	Hexane	< 0.125 ppbV	43231	07/21/2021

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



DCLS
NELAC ID VA010

REPORT OF ANALYSIS

Report Date: 07/28/2021
DCLS LIMS #: E210704131

Test Results

APPROVED BY: Analyst4

DATE APPROVED: 07/28/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
<u>EPA TO15</u>				
	Trichloromethane	0.04 ppbV	43803	07/21/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Ethyl Acetate	1.96 ppbV	43209	07/21/2021
	Tetrahydrofuran	0.38 ppbV	46401	07/21/2021
	1,2-Dichloroethane	< 0.125 ppbV	43815	07/21/2021
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	07/21/2021
	Benzene	3.91 ppbV	45201	07/21/2021
	Sample was re-analyzed at 2x dilution for Benzene			
	Carbon Tetrachloride	0.07 ppbV	43804	07/21/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	0.09 ppbV	43248	07/21/2021
	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	07/21/2021
	Bromodichloromethane	< 0.125 ppbV	43828	07/21/2021
	Trichloroethylene	< 0.125 ppbV	43824	07/21/2021
	Methyl Methacrylate	< 0.125 ppbV	43441	07/21/2021
	Heptane	0.18 ppbV	43232	07/21/2021
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	07/21/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	07/21/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	07/21/2021
	Toluene	1.49 ppbV	45202	07/21/2021
	Dibromochloromethane	< 0.125 ppbV	43832	07/21/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	07/21/2021
	Tetrachloroethylene	0.03 ppbV	43817	07/21/2021
	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	07/21/2021
	Ethylbenzene	0.54 ppbV	45203	07/21/2021
	m,p-Xylenes	0.87 ppbV	45109	07/21/2021
	Bromoform	< 0.125 ppbV	43806	07/21/2021
	Styrene	0.12 ppbV	45220	07/21/2021
	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	07/21/2021
	o-Xylene	0.32 ppbV	45204	07/21/2021
	4-Ethyltoluene	0.07 ppbV	45213	07/21/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,3,5-Trimethylbenzene	0.08 ppbV	45207	07/21/2021

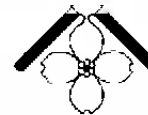
Explanation of Terms and Disclaimers

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



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 07/28/2021
DCLS LIMS #: E210704131

Test Results

APPROVED BY: Analyst4

DATE APPROVED: 07/28/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15				

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

1,2,4-Trimethylbenzene	0.27 ppbV	45208	07/21/2021
1,3-Dichlorobenzene	< 0.125 ppbV	45806	07/21/2021
1,4-Dichlorobenzene	0.04 ppbV	45807	07/21/2021

PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.

1,2-Dichlorobenzene	< 0.125 ppbV	45805	07/21/2021
1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	07/21/2021
Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	07/21/2021

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

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Richmond, Virginia 23219
804-648-4480



DCLS

NELAC ID VA010

REPORT OF ANALYSIS

Report Date: 07/16/2021
DCLS LIMS #: E210702321

Mail To

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

Sample Information

DATE RECEIVED	07/13/2021 10:19	PROGRAM CODE	AM
SAMPLING DATE	07/08/2021 17:35	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	402
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL VIRGINIA LANDFILL LOCATION 4
REPORT BDL	Y		COMMERCIAL
		LOCATION	BRISTOL VIRGINIA LANDFILL
		SAMPLE ID	B070821

Test Results

APPROVED BY: Analyst4

DATE APPROVED: 07/16/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		07/13/2021
	Identified: Propane, Acetaldehyde, Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, 1,2-Pentadiene, 2-pentene, 2-butanone, Hexanal, Alpha pinene, Octanal, 1,4-dimethyl-benzene, Nonanal, Undecane, Dodecane.			
	Propylene	0.40 ppbV	43205	07/13/2021
	Dichlorodifluoromethane	0.53 ppbV	43823	07/13/2021
	Chloromethane	0.63 ppbV	43801	07/13/2021
	Freon 114	< 0.125 ppbV	43208	07/13/2021
	Vinyl Chloride	< 0.125 ppbV	43860	07/13/2021
	1,3-Butadiene	< 0.125 ppbV	43218	07/13/2021
	Bromomethane	< 0.125 ppbV	43819	07/13/2021
	Ethyl Chloride	< 0.125 ppbV	43812	07/13/2021
	Acetonitrile	< 0.125 ppbV	43702	07/13/2021
	Acrolein	0.88 ppbV	43505	07/13/2021
	Freon 11	0.25 ppbV	43811	07/13/2021
	Acrylonitrile	< 0.125 ppbV	43704	07/13/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	07/13/2021
	Methylene Chloride	0.10 ppbV	43802	07/13/2021
	PARAMETER QUALIFIER: Value less than MDL. A result reported below the MDL should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.07 ppbV	43207	07/13/2021
	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	07/13/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	07/13/2021
	MTBE	< 0.125 ppbV	43372	07/13/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	07/13/2021
	Hexane	0.18 ppbV	43231	07/13/2021
	Trichloromethane	0.02 ppbV	43803	07/13/2021

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



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 07/16/2021
DCLS LIMS #: E210702321

Test Results

APPROVED BY: Analyst4

DATE APPROVED: 07/16/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15				
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Ethyl Acetate	0.33 ppbV	43209	07/13/2021
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	Tetrahydrofuran	< 0.125 ppbV	46401	07/13/2021
	1,2-Dichloroethane	< 0.125 ppbV	43815	07/13/2021
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	07/13/2021
	Benzene	0.16 ppbV	45201	07/13/2021
	Carbon Tetrachloride	0.07 ppbV	43804	07/13/2021
	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	07/13/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2-Dichloropropane	0.09 ppbV	43829	07/13/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Bromodichloromethane	< 0.125 ppbV	43828	07/13/2021
	Trichloroethylene	0.07 ppbV	43824	07/13/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Methyl Methacrylate	< 0.125 ppbV	43441	07/13/2021
	Heptane	0.11 ppbV	43232	07/13/2021
	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	07/13/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	07/13/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	07/13/2021
	Toluene	0.56 ppbV	45202	07/13/2021
	Dibromochloromethane	< 0.125 ppbV	43832	07/13/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	07/13/2021
	Tetrachloroethylene	< 0.125 ppbV	43817	07/13/2021
	Chlorobenzene	< 0.125 ppbV	45801	07/13/2021
	Ethylbenzene	0.12 ppbV	45203	07/13/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	m,p-Xylenes	0.40 ppbV	45109	07/13/2021
	Bromoform	< 0.125 ppbV	43806	07/13/2021
	Styrene	1.28 ppbV	45220	07/13/2021
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	07/13/2021
	o-Xylene	0.16 ppbV	45204	07/13/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^N. 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



DCLS

NELAC ID: VAD10

REPORT OF ANALYSIS

Report Date: 07/16/2021
DCLS LIMS #: E210702321

Test Results

APPROVED BY: Analyst4

DATE APPROVED: 07/16/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	4-Ethyltoluene	0.13 ppbV	45213	07/13/2021
	1,3,5-Trimethylbenzene	0.05 ppbV	45207	07/13/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.24 ppbV	45208	07/13/2021
	1,3-Dichlorobenzene	0.01 ppbV	45806	07/13/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,4-Dichlorobenzene	0.04 ppbV	45807	07/13/2021
	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	07/13/2021
	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	07/13/2021
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	07/13/2021

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

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Richmond, Virginia 23219
804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 07/28/2021
DCLS LIMS #: E210704130

Mail To

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

Sample Information

DATE RECEIVED	07/21/2021 14:35	PROGRAM CODE	AM
SAMPLING DATE	07/14/2021 18:45	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACEY A. BOWERS	CONTAINER ID	405
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL VIRGINIA LANDFILL LOCATION 8
REPORT BDL	Y		RESIDENCE
		LOCATION	BRISTOL VIRGINIA LANDFILL
		SAMPLE ID	B071421

Test Results

APPROVED BY: [REDACTED] Analyst

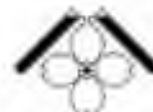
DATE APPROVED: 07/28/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		07/21/2021
	Identified: Propane, Acetaldehyde, Butane, Acetone, Ethanol, Isopropyl Alcohol, Pentane, 1,4-Pentadiene, 2-Butenal, Hexanal, alpha pinene, Octenal.			
	Propylene	< 0.125 ppbV	43205	07/21/2021
	Dichlorodifluoromethane	0.51 ppbV	43823	07/21/2021
	Chloromethane	0.53 ppbV	43801	07/21/2021
	Freon 114	< 0.125 ppbV	43208	07/21/2021
	Vinyl Chloride	< 0.125 ppbV	43860	07/21/2021
	1,3-Butadiene	< 0.125 ppbV	43218	07/21/2021
	Bromomethane	< 0.125 ppbV	43819	07/21/2021
	Ethyl Chloride	< 0.125 ppbV	43812	07/21/2021
	Acetonitrile	< 0.125 ppbV	43702	07/21/2021
	Acrolein	0.88 ppbV	43505	07/21/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low			
	Freon 11	0.26 ppbV	43811	07/21/2021
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	Acrylonitrile	< 0.125 ppbV	43704	07/21/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	07/21/2021
	Methylene Chloride	0.10 ppbV	43802	07/21/2021
	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	07/21/2021
	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	07/21/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	07/21/2021
	MTBE	< 0.125 ppbV	43372	07/21/2021

Explanation of Terms and Disclaimers

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DCLS

NELAC ID: VA010

Report Date: 07/28/2021
DCLS LIMS #: E210704130

REPORT OF ANALYSIS

Test Results

APPROVED BY: [Signature]

DATE APPROVED: 07/28/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
<u>EPA TO15</u>				
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	07/21/2021
	Hexane	0.13 ppbV	43231	07/21/2021
	Trichloromethane	0.03 ppbV	43803	07/21/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Ethyl Acetate	0.13 ppbV	43209	07/21/2021
	Tetrahydrofuran	< 0.125 ppbV	46401	07/21/2021
	1,2-Dichloroethane	< 0.125 ppbV	43815	07/21/2021
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	07/21/2021
	Benzene	0.22 ppbV	45201	07/21/2021
	Carbon Tetrachloride	0.06 ppbV	43804	07/21/2021
	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	07/21/2021
	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	07/21/2021
	Bromodichloromethane	< 0.125 ppbV	43828	07/21/2021
	Trichloroethylene	< 0.125 ppbV	43824	07/21/2021
	Methyl Methacrylate	< 0.125 ppbV	43441	07/21/2021
	Heptane	0.06 ppbV	43232	07/21/2021
	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	07/21/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	07/21/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	07/21/2021
	Toluene	0.43 ppbV	45202	07/21/2021
	Dibromochloromethane	< 0.125 ppbV	43832	07/21/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	07/21/2021
	Tetrachloroethylene	< 0.125 ppbV	43817	07/21/2021
	Chlorobenzene	< 0.125 ppbV	45801	07/21/2021
	Ethylbenzene	0.07 ppbV	45203	07/21/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	m,p-Xylenes	0.23 ppbV	45109	07/21/2021
	Bromoform	< 0.125 ppbV	43806	07/21/2021
	Styrene	0.10 ppbV	45220	07/21/2021
	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	07/21/2021
	o-Xylene	0.09 ppbV	45204	07/21/2021

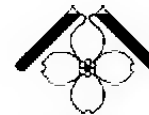
Explanation of Terms and Disclaimers

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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DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 07/28/2021
DCLS LIMS #: E210704130

Test Results

APPROVED BY: [redacted] Analyst4

DATE APPROVED: 07/28/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
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EPA TO15

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	07/21/2021
1,3,5-Trimethylbenzene	< 0.125 ppbV	45207	07/21/2021
1,2,4-Trimethylbenzene	0.06 ppbV	45208	07/21/2021

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	07/21/2021
1,4-Dichlorobenzene	< 0.250 ppbV	45807	07/21/2021
1,2-Dichlorobenzene	0.01 ppbV	45805	07/21/2021

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	07/21/2021
Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	07/21/2021

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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DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 07/28/2021
DCLS LIMS #: E210704132

Mail To

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

Sample Information

DATE RECEIVED	07/21/2021 14:35	PROGRAM CODE	AM
SAMPLING DATE	07/16/2021 23:40	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACEY A. BOWERS	CONTAINER ID	408
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL VIRGINIA LANDFILL LOCATION 1
REPORT BDL	Y		RESIDENCE
		LOCATION	BRISTOL VIRGINIA LANDFILL
		SAMPLE ID	B071621

Test Results

APPROVED BY: Analyst4

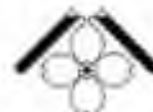
DATE APPROVED: 07/28/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15				
	Non-Target Compounds	Found		07/21/2021
	Identified: Propane, Butane, Ethanol, Acetone, Pentane, 2-methyl-1,3-Butadiene, Dimethyl sulfide, 3-methyl-2-Butanone, Butanone, alpha pinene.			
	Propylene	0.87 ppbV	43205	07/21/2021
	Dichlorodifluoromethane	0.58 ppbV	43823	07/21/2021
	Chloromethane	0.55 ppbV	43801	07/21/2021
	Freon 114	< 0.125 ppbV	43208	07/21/2021
	Vinyl Chloride	< 0.125 ppbV	43860	07/21/2021
	1,3-Butadiene	< 0.125 ppbV	43218	07/21/2021
	Bromomethane	< 0.125 ppbV	43819	07/21/2021
	Ethyl Chloride	< 0.125 ppbV	43812	07/21/2021
	Acetonitrile	< 0.125 ppbV	43702	07/21/2021
	Acrolein	0.51 ppbV	43505	07/21/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low			
	Freon 11	0.26 ppbV	43811	07/21/2021
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	Acrylonitrile	< 0.125 ppbV	43704	07/21/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	07/21/2021
	Methylene Chloride	0.11 ppbV	43802	07/21/2021
	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	07/21/2021
	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	07/21/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	07/21/2021
	MTBE	< 0.125 ppbV	43372	07/21/2021

Explanation of Terms and Disclaimers

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DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 07/28/2021
DCLS LIMS #: E210704132

Test Results

APPROVED BY: Analysis4

DATE APPROVED: 07/28/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	07/21/2021
	Hexane	0.14 ppbV	43231	07/21/2021
	Trichloromethane	0.03 ppbV	43803	07/21/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Ethyl Acetate	< 0.125 ppbV	43209	07/21/2021
	Tetrahydrofuran	0.18 ppbV	46401	07/21/2021
	1,2-Dichloroethane	< 0.125 ppbV	43815	07/21/2021
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	07/21/2021
	Benzene	2.31 ppbV	45201	07/21/2021
	Carbon Tetrachloride	0.07 ppbV	43804	07/21/2021
	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	07/21/2021
	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	07/21/2021
	Bromodichloromethane	< 0.125 ppbV	43828	07/21/2021
	Trichloroethylene	< 0.125 ppbV	43824	07/21/2021
	Methyl Methacrylate	< 0.125 ppbV	43441	07/21/2021
	Heptane	0.06 ppbV	43232	07/21/2021
	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	07/21/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	07/21/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	07/21/2021
	Toluene	0.57 ppbV	45202	07/21/2021
	Dibromochloromethane	< 0.125 ppbV	43832	07/21/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	07/21/2021
	Tetrachloroethylene	< 0.125 ppbV	43817	07/21/2021
	Chlorobenzene	< 0.125 ppbV	45801	07/21/2021
	Ethylbenzene	0.24 ppbV	45203	07/21/2021
	m,p-Xylenes	0.33 ppbV	45109	07/21/2021
	Bromoform	< 0.125 ppbV	43806	07/21/2021
	Styrene	0.07 ppbV	45220	07/21/2021
	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	07/21/2021
	o-Xylene	0.11 ppbV	45204	07/21/2021
	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	07/21/2021

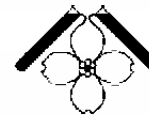
Explanation of Terms and Disclaimers

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DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 07/28/2021
DCLS LIMS #: E210704132

Test Results

APPROVED BY:

Analyst4

DATE APPROVED: 07/28/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	1,3,5-Trimethylbenzene	0.03 ppbV	45207	07/21/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.10 ppbV	45208	07/21/2021
	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	07/21/2021
	1,4-Dichlorobenzene	0.07 ppbV	45807	07/21/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	07/21/2021
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	07/21/2021
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	07/21/2021

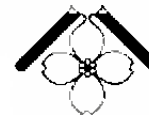
Explanation of Terms and Disclaimers

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DCLS
NELAC ID: VA810

REPORT OF ANALYSIS

Report Date: 06/30/2021
DCLS LIMS #: E210609219

Mail To

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

Sample Information

DATE RECEIVED	06/24/2021 09:10	PROGRAM CODE	AM
SAMPLING DATE	06/20/2021 20:00	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	521
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL TENNESSEE LANDFILL LOCATION 2 UTILITY
REPORT BDL	Y	LOCATION	BRISTOL TENNESSEE LANDFILL
		SAMPLE ID	B062021

Test Results

APPROVED BY: [Signature] Group Manager DATE APPROVED: 06/30/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15				
	Non-Target Compounds	Found		06/24/2021
	Identified: Propane, Acetaldehyde, Butane, Ethanol, Acetone, Isopropyl Alcohol, 2-methyl-1,3-Butadiene, 1-propanol, methyl vinyl ketone, 2-butanone, n-propyl acetate, Alpha Pinene.			
	Propylene	< 0.125 ppbV	43205	06/24/2021
	Dichlorodifluoromethane	0.49 ppbV	43823	06/24/2021
	Chloromethane	0.69 ppbV	43801	06/24/2021
	Freon 114	< 0.125 ppbV	43208	06/24/2021
	Vinyl Chloride	< 0.125 ppbV	43860	06/24/2021
	1,3-Butadiene	< 0.125 ppbV	43218	06/24/2021
	Bromomethane	< 0.125 ppbV	43819	06/24/2021
	Ethyl Chloride	< 0.125 ppbV	43812	06/24/2021
	Acetonitrile	< 0.125 ppbV	43702	06/24/2021
	Acrolein	< 0.250 ppbV	43505	06/24/2021
	Freon 11	0.23 ppbV	43811	06/24/2021
	Acrylonitrile	< 0.125 ppbV	43704	06/24/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	06/24/2021
	Methylene Chloride	0.07 ppbV	43802	06/24/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.07 ppbV	43207	06/24/2021
	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	06/24/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	06/24/2021
	MTBE	< 0.125 ppbV	43372	06/24/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	06/24/2021
	Hexane	0.08 ppbV	43231	06/24/2021
	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	06/24/2021

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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DCLS

NELAC ID: VA810

Report Date: 06/30/2021
DCLS LIMS #: E210609219

REPORT OF ANALYSIS

Test Results

APPROVED BY: [Redacted] Group Manager

DATE APPROVED: 06/30/2021

METHOD PARAMETER RESULT AQS ANALYSIS DATE

EPA TO15

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 06/24/2021

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

Tetrahydrofuran < 0.125 ppbV 48401 06/24/2021

1,2-Dichloroethane < 0.125 ppbV 43815 06/24/2021

1,1,1-Trichloroethane < 0.125 ppbV 43814 06/24/2021

Benzene 0.08 ppbV 45201 06/24/2021

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

Carbon Tetrachloride 0.06 ppbV 43804 06/24/2021

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

Cyclohexane 0.02 ppbV 43248 06/24/2021

PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.

1,2-Dichloropropane < 0.125 ppbV 43829 06/24/2021

Bromodichloromethane < 0.125 ppbV 43828 06/24/2021

Trichloroethylene 0.02 ppbV 43824 06/24/2021

PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.

Methyl Methacrylate < 0.125 ppbV 43441 06/24/2021

Heptane < 0.125 ppbV 43232 06/24/2021

cis-1,3-Dichloropropene < 0.125 ppbV 43831 06/24/2021

trans-1,3-Dichloro-1-propene < 0.125 ppbV 43830 06/24/2021

1,1,2-Trichloroethane < 0.125 ppbV 43820 06/24/2021

Toluene 0.25 ppbV 45202 06/24/2021

Dibromochloromethane < 0.125 ppbV 43832 06/24/2021

1,2-Dibromoethane < 0.125 ppbV 43843 06/24/2021

Tetrachloroethylene 0.01 ppbV 43817 06/24/2021

PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.

Chlorobenzene < 0.125 ppbV 45801 06/24/2021

Ethylbenzene 0.02 ppbV 45203 06/24/2021

PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.

m,p-Xylenes 0.07 ppbV 45109 06/24/2021

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

Bromoform < 0.125 ppbV 43806 06/24/2021

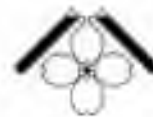
Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^N. 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



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 06/30/2021
DCLS LIMS #: E210609219

Test Results

APPROVED BY:

Group Manager

DATE APPROVED: 06/30/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Styrene	0.18 ppbV	45220	06/24/2021
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	06/24/2021
	o-Xylene	0.03 ppbV	45204	06/24/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	4-Ethyltoluene	0.20 ppbV	45213	06/24/2021
	1,3,5-Trimethylbenzene	0.01 ppbV	45207	06/24/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.02 ppbV	45208	06/24/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3-Dichlorobenzene	0.01 ppbV	45806	06/24/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,4-Dichlorobenzene	0.02 ppbV	45807	06/24/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichlorobenzene	0.01 ppbV	45805	06/24/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2,4-Trichlorobenzene	0.13 ppbV	45810	06/24/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low			
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	06/24/2021

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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DCLS

NELAC ID VA010

REPORT OF ANALYSIS

Report Date: 07/06/2021
DCLS LIMS #: E210610429

Mail To

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

Sample Information

DATE RECEIVED	06/29/2021 15:32	PROGRAM CODE	AM
SAMPLING DATE	06/27/2021 21:45	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	524
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL VIRGINIA LANDFILL LOCATION 1
REPORT BDL	Y		RESIDENCE
		LOCATION	BRISTOL VIRGINIA LANDFILL LOCATION 1
			RESIDENCE
		SAMPLE ID	B062721

Test Results

APPROVED BY: [redacted] Group Manager DATE APPROVED: 07/06/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		06/30/2021
	Identified: Norflurane, Propane, 2-Chloroethanol, Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, 2-methyl-1,3-Butadiene, 3-methyl-2-Butanone, 2-methyl-Pentane, 2-Butanone, alpha-pinene			
	Propylene	0.69 ppbV	43205	06/30/2021
	Dichlorodifluoromethane	0.50 ppbV	43823	06/30/2021
	Chloromethane	0.64 ppbV	43801	06/30/2021
	Freon 114	< 0.125 ppbV	43208	06/30/2021
	Vinyl Chloride	< 0.125 ppbV	43860	06/30/2021
	1,3-Butadiene	< 0.125 ppbV	43218	06/30/2021
	Bromomethane	< 0.125 ppbV	43819	06/30/2021
	Ethyl Chloride	< 0.125 ppbV	43812	06/30/2021
	Acetonitrile	< 0.125 ppbV	43702	06/30/2021
	Acrolein	0.57 ppbV	43505	06/30/2021
	Freon 11	0.23 ppbV	43811	06/30/2021
	Acrylonitrile	< 0.125 ppbV	43704	06/30/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	06/30/2021
	Methylene Chloride	0.07 ppbV	43802	06/30/2021
	PARAMETER QUALIFIER: Value less than MDL. A result reported below the MDL should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.07 ppbV	43207	06/30/2021
	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	06/30/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	06/30/2021
	MTBE	< 0.125 ppbV	43372	06/30/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	06/30/2021
	Hexane	0.07 ppbV	43231	06/30/2021

Explanation of Terms and Disclaimers

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Division of Consolidated Laboratory Services

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



DCLS
NELAC ID VA010

REPORT OF ANALYSIS

Report Date: 07/06/2021
DCLS LIMS #: E210610429

Test Results

APPROVED BY: [Redacted] Group Manager

DATE APPROVED: 07/06/2021

<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.

Trichloromethane	0.02 ppbV	43803	06/30/2021
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PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.

Ethyl Acetate	< 0.125 ppbV	43209	06/30/2021
Tetrahydrofuran	< 0.125 ppbV	48401	06/30/2021
1,2-Dichloroethane	< 0.125 ppbV	43815	06/30/2021
1,1,1-Trichloroethane	< 0.125 ppbV	43814	06/30/2021
Benzene	0.38 ppbV	45201	06/30/2021
Carbon Tetrachloride	0.08 ppbV	43804	06/30/2021

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	06/30/2021
1,2-Dichloropropane	< 0.125 ppbV	43829	06/30/2021
Bromodichloromethane	< 0.125 ppbV	43828	06/30/2021
Trichloroethylene	< 0.125 ppbV	43824	06/30/2021
Methyl Methacrylate	< 0.125 ppbV	43441	06/30/2021
Heptane	0.04 ppbV	43232	06/30/2021

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	06/30/2021
trans-1,3-Dichloro-f-propene	< 0.125 ppbV	43830	06/30/2021
1,1,2-Trichloroethane	< 0.125 ppbV	43820	06/30/2021
Toluene	0.28 ppbV	45202	06/30/2021
Dibromochloromethane	< 0.125 ppbV	43832	06/30/2021
1,2-Dibromoethane	< 0.125 ppbV	43843	06/30/2021
Tetrachloroethylene	< 0.125 ppbV	43817	06/30/2021
Chlorobenzene	< 0.125 ppbV	45801	06/30/2021
Ethylbenzene	0.05 ppbV	45203	06/30/2021

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

m,p-Xylenes	0.14 ppbV	45109	06/30/2021
Bromoform	< 0.125 ppbV	43808	06/30/2021
Styrene	0.18 ppbV	45220	06/30/2021
1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	06/30/2021
o-Xylene	0.05 ppbV	45204	06/30/2021

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

4-Ethyltoluene	0.20 ppbV	45213	06/30/2021
1,3,5-Trimethylbenzene	0.01 ppbV	45207	06/30/2021

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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804-648-4480



DCLS

NELAC ID: VAD10

REPORT OF ANALYSIS

Report Date: 07/06/2021
DCLS LIMS #: E210610429

Test Results

APPROVED BY:

Group Manager

DATE APPROVED: 07/06/2021

<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.			
	1,2,4-Trimethylbenzene	0.03 ppbV	45208	06/30/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3-Dichlorobenzene	0.01 ppbV	45806	06/30/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,4-Dichlorobenzene	0.01 ppbV	45807	06/30/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichlorobenzene	0.01 ppbV	45805	06/30/2021
	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	06/30/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	06/30/2021

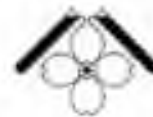
Explanation of Terms and Disclaimers

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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DCLS

NELAC ID VA010

REPORT OF ANALYSIS

Report Date: 07/16/2021
DCLS LIMS #: E210701936

Mail To

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

Sample Information

DATE RECEIVED	07/12/2021 09:46	PROGRAM CODE	AM
SAMPLING DATE	07/06/2021 21:20	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	542
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL VIRGINIA LANDFILL LOCATION 8
REPORT BDL	Y		RESIDENCE
		LOCATION	BRISTOL VIRGINIA LANDFILL
		SAMPLE ID	B070821

Test Results

APPROVED BY: [REDACTED] Analyst4

DATE APPROVED: 07/16/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15				
	Non-Target Compounds	Found		07/13/2021
	Identified: Propane, Acetaldehyde, Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, 1,3-Pentadiene, 2-methyl-Propanol, 2-methyl-pentane, 2-butanone, 3-methyl-pentane, 2-butene, 2,4-dimethyl-3-pentanone, alpha pinene, beta pinene.			
	Propylene	1.43 ppbV	43205	07/13/2021
	Dichlorodifluoromethane	0.50 ppbV	43823	07/13/2021
	Chloromethane	0.59 ppbV	43801	07/13/2021
	Freon 114	< 0.125 ppbV	43208	07/13/2021
	Vinyl Chloride	< 0.125 ppbV	43860	07/13/2021
	1,3-Butadiene	< 0.125 ppbV	43218	07/13/2021
	Bromomethane	< 0.125 ppbV	43819	07/13/2021
	Ethyl Chloride	< 0.125 ppbV	43812	07/13/2021
	Acetonitrile	< 0.125 ppbV	43702	07/13/2021
	Acrolein	< 0.250 ppbV	43505	07/13/2021
	Freon 11	0.25 ppbV	43811	07/13/2021
	Acrylonitrile	< 0.125 ppbV	43704	07/13/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	07/13/2021
	Methylene Chloride	0.09 ppbV	43802	07/13/2021
	PARAMETER QUALIFIER: Value less than MDL. A result reported below the MDL should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.07 ppbV	43207	07/13/2021
	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	07/13/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	07/13/2021
	MTBE	< 0.125 ppbV	43372	07/13/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	07/13/2021
	Hexane	0.28 ppbV	43231	07/13/2021
	Trichloromethane	0.07 ppbV	43803	07/13/2021

Explanation of Terms and Disclaimers

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DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 07/16/2021
DCLS LIMS #: E210701936

Test Results

APPROVED BY: [REDACTED] Analyst4

DATE APPROVED: 07/16/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15				

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

Ethyl Acetate	< 0.125 ppbV	43209	07/13/2021
Tetrahydrofuran	< 0.125 ppbV	46401	07/13/2021
1,2-Dichloroethane	0.02 ppbV	43815	07/13/2021

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	07/13/2021
Benzene	0.30 ppbV	45201	07/13/2021
Carbon Tetrachloride	0.07 ppbV	43804	07/13/2021

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	07/13/2021
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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	07/13/2021
Bromodichloromethane	< 0.125 ppbV	43828	07/13/2021
Trichloroethylene	< 0.125 ppbV	43824	07/13/2021
Methyl Methacrylate	< 0.125 ppbV	43441	07/13/2021
Heptane	0.14 ppbV	43232	07/13/2021
cis-1,3-Dichloropropene	< 0.125 ppbV	43831	07/13/2021
trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	07/13/2021
1,1,2-Trichloroethane	< 0.125 ppbV	43820	07/13/2021
Toluene	0.72 ppbV	45202	07/13/2021
Dibromochloromethane	< 0.125 ppbV	43832	07/13/2021
1,2-Dibromoethane	< 0.125 ppbV	43843	07/13/2021
Tetrachloroethylene	< 0.125 ppbV	43817	07/13/2021
Chlorobenzene	< 0.125 ppbV	45801	07/13/2021
Ethylbenzene	0.15 ppbV	45203	07/13/2021
m,p-Xylenes	0.50 ppbV	45109	07/13/2021
Bromoform	< 0.125 ppbV	43806	07/13/2021
Styrene	0.34 ppbV	45220	07/13/2021
1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	07/13/2021
o-Xylene	0.18 ppbV	45204	07/13/2021
4-Ethyltoluene	0.09 ppbV	45213	07/13/2021

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

1,3,6-Trimethylbenzene	0.04 ppbV	45207	07/13/2021
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PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

1,2,4-Trimethylbenzene	0.15 ppbV	45208	07/13/2021
1,3-Dichlorobenzene	0.01 ppbV	45806	07/13/2021

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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DCLS

NELAC ID VA010

REPORT OF ANALYSIS

Report Date: 07/16/2021
DCLS LIMS #: E210701936

Test Results

APPROVED BY: Analyst4

DATE APPROVED: 07/16/2021

<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.			
	1,4-Dichlorobenzene	0.03 ppbV	45807	07/13/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichlorobenzene	0.01 ppbV	45805	07/13/2021
	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	07/13/2021
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	07/13/2021

Explanation of Terms and Disclaimers

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Division of Consolidated Laboratory Services

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



DCLS

NELAC ID VAO 0

REPORT OF ANALYSIS

Report Date: 07/01/2021
DCLS LIMS #: E210608681

Mail To

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

Sample Information

DATE RECEIVED	06/23/2021 13:15	PROGRAM CODE	AM
SAMPLING DATE	06/18/2021 22:00	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	533
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL VIRGINIA LANDFILL LOCATION 3
REPORT BDL	Y		COMMERCIAL
		LOCATION	BRISTOL VIRGINIA LANDFILL
		SAMPLE ID	B061821

Test Results

APPROVED BY: [Signature] Manager DATE APPROVED: 07/01/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		06/23/2021
	Identified: Propane, Acetaldehyde, Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, 2-methyl-1,3-Butadiene, 2-Butanone, 2,3-dimethyl-Butane.			
	Propylene	< 0.125 ppbV	43205	06/23/2021
	Dichlorodifluoromethane	0.51 ppbV	43823	06/23/2021
	Chloromethane	0.69 ppbV	43801	06/23/2021
	Freon 114	< 0.125 ppbV	43208	06/23/2021
	Vinyl Chloride	< 0.125 ppbV	43860	06/23/2021
	1,3-Butadiene	< 0.125 ppbV	43218	06/23/2021
	Bromomethane	< 0.125 ppbV	43819	06/23/2021
	Ethyl Chloride	< 0.125 ppbV	43812	06/23/2021
	Acetonitrile	< 0.125 ppbV	43702	06/23/2021
	Acrolein	0.60 ppbV	43505	06/23/2021
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	Freon 11	0.23 ppbV	43811	06/23/2021
	Acrylonitrile	< 0.125 ppbV	43704	06/23/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	06/23/2021
	Methylene Chloride	0.14 ppbV	43802	06/23/2021
	1,1,2-Trichlorotrifluoroethane	0.07 ppbV	43207	06/23/2021
	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	06/23/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	06/23/2021
	MTBE	< 0.125 ppbV	43372	06/23/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	06/23/2021
	Hexane	0.08 ppbV	43231	06/23/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level 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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Commonwealth of Virginia
Division of Consolidated Laboratory Services

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



DCLS

NELAC ID VAO 0

REPORT OF ANALYSIS

Report Date: 07/01/2021
DCLS LIMS #: E210608681

Test Results

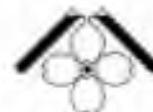
APPROVED BY: [Redacted] Group Manager DATE APPROVED: 07/01/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
<u>EPA TO15</u>				
	Trichloromethane	0.02 ppbV	43803	06/23/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Ethyl Acetate	0.11 ppbV	43209	06/23/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Tetrahydrofuran	0.10 ppbV	46401	06/23/2021
	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	06/23/2021
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	06/23/2021
	Benzene	1.34 ppbV	45201	06/23/2021
	Carbon Tetrachloride	0.05 ppbV	43804	06/23/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	0.02 ppbV	43248	06/23/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichloropropane	< 0.125 ppbV	43829	06/23/2021
	Bromodichloromethane	< 0.125 ppbV	43828	06/23/2021
	Trichloroethylene	0.02 ppbV	43824	06/23/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Methyl Methacrylate	< 0.125 ppbV	43441	06/23/2021
	Heptane	0.06 ppbV	43232	06/23/2021
	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	06/23/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	06/23/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	06/23/2021
	Toluene	0.42 ppbV	45202	06/23/2021
	Dibromochloromethane	< 0.125 ppbV	43832	06/23/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	06/23/2021
	Tetrachloroethylene	0.02 ppbV	43817	06/23/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Chlorobenzene	< 0.125 ppbV	45801	06/23/2021
	Ethylbenzene	0.09 ppbV	45203	06/23/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	m,p-Xylenes	0.15 ppbV	45109	06/23/2021

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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DCLS

MELAC ID VAO 0

REPORT OF ANALYSIS

Report Date: 07/01/2021
DCLS LIMS #: E210608681

Test Results

APPROVED BY: [REDACTED]

Group Manager

DATE APPROVED: 07/01/2021

<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	06/23/2021
	Styrene	0.18 ppbV	45220	06/23/2021
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	06/23/2021
	o-Xylene	0.06 ppbV	45204	06/23/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	4-Ethyltoluene	0.20 ppbV	45213	06/23/2021
	1,3,5-Trimethylbenzene	0.02 ppbV	45207	06/23/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.05 ppbV	45208	06/23/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	06/23/2021
	1,4-Dichlorobenzene	0.01 ppbV	45807	06/23/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichlorobenzene	0.01 ppbV	45805	06/23/2021
	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	06/23/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Hexachloro 1,3 Butadiene	< 0.125 ppbV	43844	06/23/2021

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



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 07/16/2021
DCLS LIMS #: E210702322

Mail To

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

Sample Information

DATE RECEIVED	07/13/2021 10:19	PROGRAM CODE	AM
SAMPLING DATE	07/08/2021 20:30	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	S107
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL VIRGINIA LANDFILL LOCATION 5
REPORT BDL	Y		RESIDENCE
		LOCATION	BRISTOL VIRGINIA LANDFILL
		SAMPLE ID	B070821

Test Results

APPROVED BY: Analyst4

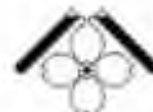
DATE APPROVED: 07/18/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		07/13/2021
	Identified: Propane, Acetaldehyde, Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, 1,2-Pentadiene, 2-methyl-Pentane, Hexanal, alpha pinene, Octanal, Nonanal.			
	Propylene	< 0.125 ppbV	43205	07/13/2021
	Dichlorodifluoromethane	0.52 ppbV	43823	07/13/2021
	Chloromethane	0.59 ppbV	43801	07/13/2021
	Freon 114	< 0.125 ppbV	43208	07/13/2021
	Vinyl Chloride	< 0.125 ppbV	43860	07/13/2021
	1,3-Butadiene	< 0.125 ppbV	43218	07/13/2021
	Bromomethane	< 0.125 ppbV	43819	07/13/2021
	Ethyl Chloride	< 0.125 ppbV	43812	07/13/2021
	Acetonitrile	0.42 ppbV	43702	07/13/2021
	Acrolein	< 0.250 ppbV	43505	07/13/2021
	Freon 11	0.25 ppbV	43811	07/13/2021
	Acrylonitrile	< 0.125 ppbV	43704	07/13/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	07/13/2021
	Methylene Chloride	0.15 ppbV	43802	07/13/2021
	1,1,2-Trichlorotrifluoroethane	0.07 ppbV	43207	07/13/2021
	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	07/13/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	07/13/2021
	MTBE	< 0.125 ppbV	43372	07/13/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	07/13/2021
	Hexane	0.12 ppbV	43231	07/13/2021
	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	07/13/2021

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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DCLS

NELAC ID VA010

REPORT OF ANALYSIS

Report Date: 07/16/2021
DCLS LIMS #: E210702322

Test Results

APPROVED BY: [Redacted Signature]

DATE APPROVED: 07/16/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
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EPA TO15

PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.

Ethyl Acetate	0.34 ppbV	43209	07/13/2021
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PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.

Tetrahydrofuran	< 0.125 ppbV	46401	07/13/2021
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1,2-Dichloroethane	< 0.125 ppbV	43815	07/13/2021
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1,1,1-Trichloroethane	< 0.125 ppbV	43814	07/13/2021
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Benzene	0.11 ppbV	45201	07/13/2021
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PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

Carbon Tetrachloride	0.07 ppbV	43804	07/13/2021
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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	07/13/2021
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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	07/13/2021
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Bromodichloromethane	< 0.125 ppbV	43828	07/13/2021
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Trichloroethylene	0.08 ppbV	43824	07/13/2021
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PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

Methyl Methacrylate	< 0.125 ppbV	43441	07/13/2021
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Heptane	0.09 ppbV	43232	07/13/2021
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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	07/13/2021
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trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	07/13/2021
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1,1,2-Trichloroethane	< 0.125 ppbV	43820	07/13/2021
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Toluene	0.28 ppbV	45202	07/13/2021
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Dibromochloromethane	< 0.125 ppbV	43832	07/13/2021
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1,2-Dibromoethane	< 0.125 ppbV	43843	07/13/2021
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Tetrachloroethylene	< 0.125 ppbV	43817	07/13/2021
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Chlorobenzene	< 0.125 ppbV	45801	07/13/2021
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Ethylbenzene	0.04 ppbV	45203	07/13/2021
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PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

m,p-Xylenes	0.14 ppbV	45109	07/13/2021
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Bromoform	< 0.125 ppbV	43808	07/13/2021
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Styrene	0.06 ppbV	45220	07/13/2021
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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: 07/16/2021
DCLS LIMS #: E210702322

Test Results

APPROVED BY: Analyst4

DATE APPROVED: 07/16/2021

<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	07/13/2021
	o-Xylene	0.05 ppbV	45204	07/13/2021
	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	07/13/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3,5-Trimethylbenzene	0.01 ppbV	45207	07/13/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.04 ppbV	45208	07/13/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	07/13/2021
	1,4-Dichlorobenzene	0.03 ppbV	45807	07/13/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	07/13/2021
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	07/13/2021
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	07/13/2021

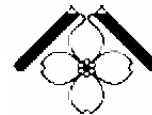
Explanation of Terms and Disclaimers

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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804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 07/09/2021
DCLS LIMS #: E210700574

Mail To

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

Sample Information

DATE RECEIVED	07/02/2021 14:48	PROGRAM CODE	AM
SAMPLING DATE	06/29/2021 18:45	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	S150
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL TENNESSEE LANDFILL LOCATION 2 UTILITY
REPORT BDL	Y	LOCATION	BRISTOL TENNESSEE LANDFILL
		SAMPLE ID	B062921

Test Results

APPROVED BY: [Signature] AnalysisM

DATE APPROVED: 07/09/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		07/07/2021
	Identified: Propane, Acetaldehyde, Butane, Ethanol, Acetone, Isopropyl Alcohol, 1,4-Pentadiene, Nonanal, alpha Pinene			
	Propylene	< 0.125 ppbV	43205	07/07/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low			
	Dichlorodifluoromethane	0.49 ppbV	43823	07/07/2021
	Chloromethane	0.59 ppbV	43801	07/07/2021
	Freon 114	< 0.125 ppbV	43208	07/07/2021
	Vinyl Chloride	< 0.125 ppbV	43860	07/07/2021
	1,3-Butadiene	0.03 ppbV	43218	07/07/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Bromomethane	< 0.125 ppbV	43819	07/07/2021
	Ethyl Chloride	< 0.125 ppbV	43812	07/07/2021
	Acetonitrile	< 0.125 ppbV	43702	07/07/2021
	Acrolein	< 0.250 ppbV	43505	07/07/2021
	Freon 11	0.23 ppbV	43811	07/07/2021
	Acrylonitrile	< 0.125 ppbV	43704	07/07/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	07/07/2021
	Methylene Chloride	0.10 ppbV	43802	07/07/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.07 ppbV	43207	07/07/2021
	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	07/07/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	07/07/2021
	MTBE	< 0.125 ppbV	43372	07/07/2021

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



DCLS

NELAC ID: VA010

Report Date: 07/09/2021
DCLS LIMS #: E210700574

REPORT OF ANALYSIS

Test Results

APPROVED BY: [Signature] Analyst4

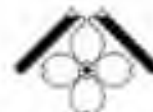
DATE APPROVED: 07/09/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	07/07/2021
	Hexane	0.05 ppbV	43231	07/07/2021
	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	07/07/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Ethyl Acetate	0.07 ppbV	43209	07/07/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Tetrahydrofuran	0.07 ppbV	46401	07/07/2021
	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	07/07/2021
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	07/07/2021
	Benzene	0.63 ppbV	45201	07/07/2021
	Carbon Tetrachloride	0.07 ppbV	43804	07/07/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	0.02 ppbV	43248	07/07/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichloropropane	< 0.125 ppbV	43829	07/07/2021
	Bromodichloromethane	< 0.125 ppbV	43828	07/07/2021
	Trichloroethylene	0.01 ppbV	43824	07/07/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Methyl Methacrylate	< 0.125 ppbV	43441	07/07/2021
	Heptane	0.04 ppbV	43232	07/07/2021
	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	07/07/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	07/07/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	07/07/2021
	Toluene	0.29 ppbV	45202	07/07/2021
	Dibromochloromethane	< 0.125 ppbV	43832	07/07/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	07/07/2021
	Tetrachloroethylene	0.01 ppbV	43817	07/07/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Chlorobenzene	< 0.125 ppbV	45801	07/07/2021

Explanation of Terms and Disclaimers

Test Results meet all requirements of TNI 2009. Non-TNI 2009 accredited analyses noted by ^N. 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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DCLS

NELAC ID: VA010

Report Date: 07/09/2021
DCLS LIMS #: E210700574

REPORT OF ANALYSIS

Test Results

APPROVED BY: [Redacted] Analyst4

DATE APPROVED: 07/09/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Ethylbenzene	0.06 ppbV	45203	07/07/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	m,p-Xylenes	0.09 ppbV	45109	07/07/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Bromoform	< 0.125 ppbV	43806	07/07/2021
	Styrene	0.22 ppbV	45220	07/07/2021
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	07/07/2021
	o-Xylene	0.04 ppbV	45204	07/07/2021
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	4-Ethyltoluene	0.20 ppbV	45213	07/07/2021
	1,3,5-Trimethylbenzene	0.01 ppbV	45207	07/07/2021
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.04 ppbV	45208	07/07/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	07/07/2021
	1,4-Dichlorobenzene	0.01 ppbV	45807	07/07/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	07/07/2021
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	07/07/2021
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	07/07/2021

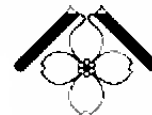
Explanation of Terms and Disclaimers

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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DCLS

NELAC ID VA010

REPORT OF ANALYSIS

Report Date: 07/08/2021
DCLS LIMS #: E210700096

Mail To

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

Sample Information

DATE RECEIVED	07/01/2021 14:34	PROGRAM CODE	AM
SAMPLING DATE	06/25/2021 21:15	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	S172
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL TENNESSEE LANDFILL LOCATION 2 UTILITY
REPORT BDL	Y	LOCATION	BRISTOL TENNESSEE LANDFILL
		SAMPLE ID	B062521

Test Results

APPROVED BY: [Signature]

DATE APPROVED: 07/08/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		07/01/2021
	Identified: Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, 1,3-Pentadiene, Dimethyl sulfide, 2-Butanone, 2-Propenyl-cyclohexane, alpha pinene, Decane, 2-Heptadecenal, Undecane.			
	Propylene	0.76 ppbV	43205	07/01/2021
	Dichlorodifluoromethane	0.53 ppbV	43823	07/01/2021
	Chloromethane	0.65 ppbV	43801	07/01/2021
	Freon 114	< 0.125 ppbV	43208	07/01/2021
	Vinyl Chloride	< 0.125 ppbV	43860	07/01/2021
	1,3-Butadiene	< 0.125 ppbV	43218	07/01/2021
	Bromomethane	< 0.125 ppbV	43819	07/01/2021
	Ethyl Chloride	< 0.125 ppbV	43812	07/01/2021
	Acetonitrile	< 0.125 ppbV	43702	07/01/2021
	Acrolein	0.36 ppbV	43505	07/01/2021
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high			
	Freon 11	0.26 ppbV	43811	07/01/2021
	Acrylonitrile	< 0.125 ppbV	43704	07/01/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	07/01/2021
	Methylene Chloride	0.31 ppbV	43802	07/01/2021
	1,1,2-Trichlorotrifluoroethane	0.08 ppbV	43207	07/01/2021
	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	07/01/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	07/01/2021
	MTBE	< 0.125 ppbV	43372	07/01/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	07/01/2021
	Hexane	0.05 ppbV	43231	07/01/2021
	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	07/01/2021

Explanation of Terms and Disclaimers

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DCLS

MELAC ID VA810

Report Date: 07/08/2021
DCLS LIMS #: E210700095

REPORT OF ANALYSIS

Test Results

APPROVED BY: [Redacted] Analyst

DATE APPROVED: 07/08/2021

<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.

Ethyl Acetate	0.09 ppbV	43209	07/01/2021
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PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

Tetrahydrofuran	< 0.125 ppbV	48401	07/01/2021
1,2-Dichloroethane	< 0.125 ppbV	43815	07/01/2021
1,1,1-Trichloroethane	< 0.125 ppbV	43814	07/01/2021
Benzene	1.89 ppbV	45201	07/01/2021
Carbon Tetrachloride	0.06 ppbV	43804	07/01/2021

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

Cyclohexane	0.02 ppbV	43248	07/01/2021
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PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.

1,2-Dichloropropane	< 0.125 ppbV	43829	07/01/2021
Bromodichloromethane	< 0.125 ppbV	43828	07/01/2021
Trichloroethylene	< 0.125 ppbV	43824	07/01/2021
Methyl Methacrylate	< 0.125 ppbV	43441	07/01/2021
Heptane	0.05 ppbV	43232	07/01/2021

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	07/01/2021
trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	07/01/2021
1,1,2-Trichloroethane	< 0.125 ppbV	43820	07/01/2021
Toluene	0.41 ppbV	45202	07/01/2021
Dibromochloromethane	< 0.125 ppbV	43832	07/01/2021
1,2-Dibromoethane	0.01 ppbV	43843	07/01/2021

PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.

Tetrachloroethylene	0.03 ppbV	43817	07/01/2021
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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	07/01/2021
Ethylbenzene	0.12 ppbV	45203	07/01/2021

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

m,p-Xylenes	0.20 ppbV	45109	07/01/2021
Bromoform	< 0.125 ppbV	43808	07/01/2021
Styrene	0.18 ppbV	45220	07/01/2021
1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	07/01/2021
o-Xylene	0.07 ppbV	45204	07/01/2021

Explanation of Terms and Disclaimers

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DCLS

NELAC ID VA010

REPORT OF ANALYSIS

Report Date: 07/08/2021
DCLS LIMS #: E210700095

Test Results

APPROVED BY: [Signature] Analyst

DATE APPROVED: 07/08/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15				
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	4-Ethyltoluene	0.22 ppbV	45213	07/01/2021
	1,3,5-Trimethylbenzene	0.03 ppbV	45207	07/01/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.08 ppbV	45208	07/01/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,3-Dichlorobenzene	0.04 ppbV	45806	07/01/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,4-Dichlorobenzene	0.05 ppbV	45807	07/01/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichlorobenzene	0.03 ppbV	45805	07/01/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2,4-Trichlorobenzene	0.13 ppbV	45810	07/01/2021
	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	< 0.125 ppbV	43844	07/01/2021

Explanation of Terms and Disclaimers

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DCLS

NELAC ID VA010

Report Date: 06/30/2021
DCLS LIMS #: E210608682

REPORT OF ANALYSIS

Mail To

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

Sample Information

DATE RECEIVED	06/23/2021 13:15	PROGRAM CODE	AM
SAMPLING DATE	06/18/2021 21:00	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	S213
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL VIRGINIA LANDFILL LOCATION 1
REPORT BDL	Y		RESIDENCE
		LOCATION	BRISTOL VIRGINIA LANDFILL
		SAMPLE ID	B061821

Test Results

APPROVED BY: [Signature] Group Manager DATE APPROVED: 06/30/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
<u>EPA TO15</u>				
	Non-Target Compounds	Found		06/23/2021
	<i>Identified: Propane, Acetaldehyde, Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, 2-methyl-1,3-Butadiene, Dimethyl Sulfide, 2-methyl-pentane, 2-Butanone, Hexanal, Heptanal, 2,4-dimethyl-Hexene, Alpha Pinene, Octanal, Beta pinene, Decane, Nonanal, undecane.</i>			
	Propylene	0.95 ppbV	43205	06/23/2021
	Dichlorodifluoromethane	0.50 ppbV	43823	06/23/2021
	Chloromethane	0.63 ppbV	43801	06/23/2021
	Freon 114	< 0.125 ppbV	43208	06/23/2021
	Vinyl Chloride	< 0.125 ppbV	43860	06/23/2021
	1,3-Butadiene	< 0.125 ppbV	43218	06/23/2021
	Bromomethane	< 0.125 ppbV	43819	06/23/2021
	Ethyl Chloride	< 0.125 ppbV	43812	06/23/2021
	Acetonitrile	< 0.125 ppbV	43702	06/23/2021
	Acrolein	< 0.250 ppbV	43505	06/23/2021
	Freon 11	0.23 ppbV	43811	06/23/2021
	Acrylonitrile	< 0.125 ppbV	43704	06/23/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	06/23/2021
	Methylene Chloride	0.16 ppbV	43802	06/23/2021
	1,1,2-Trichlorotrifluoroethane	0.07 ppbV	43207	06/23/2021
	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	06/23/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	06/23/2021
	MTBE	< 0.125 ppbV	43372	06/23/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	06/23/2021
	Hexane	0.11 ppbV	43231	06/23/2021
	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	06/23/2021

Explanation of Terms and Disclaimers

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REPORT OF ANALYSIS

Report Date: 06/30/2021
DCLS LIMS #: E210608682

Test Results

APPROVED BY: [REDACTED] Group Manager DATE APPROVED: 06/30/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Ethyl Acetate	0.12 ppbV	43209	06/23/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Tetrahydrofuran	0.12 ppbV	48401	06/23/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2-Dichloroethane	0.03 ppbV	43815	06/23/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	06/23/2021
	Benzene	2.40 ppbV	45201	06/23/2021
	Carbon Tetrachloride	0.06 ppbV	43804	06/23/2021
	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	06/23/2021
	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	06/23/2021
	Bromodichloromethane	< 0.125 ppbV	43828	06/23/2021
	Trichloroethylene	0.02 ppbV	43824	06/23/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Methyl Methacrylate	< 0.125 ppbV	43441	06/23/2021
	Heptane	0.08 ppbV	43232	06/23/2021
	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	06/23/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	06/23/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	06/23/2021
	Toluene	0.72 ppbV	45202	06/23/2021
	Dibromochloromethane	< 0.125 ppbV	43832	06/23/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	06/23/2021
	Tetrachloroethylene	0.02 ppbV	43817	06/23/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Chlorobenzene	< 0.125 ppbV	45801	06/23/2021
	Ethylbenzene	0.19 ppbV	45203	06/23/2021
	m,p-Xylenes	0.30 ppbV	45109	06/23/2021
	Bromoform	< 0.125 ppbV	43806	06/23/2021

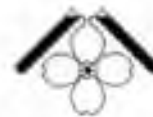
Explanation of Terms and Disclaimers

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804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 06/30/2021
DCLS LIMS #: E210608682

Test Results

APPROVED BY: [REDACTED]

Group Manager

DATE APPROVED: 06/30/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Styrene	0.19 ppbV	45220	06/23/2021
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	06/23/2021
	o-Xylene	0.12 ppbV	45204	06/23/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	4-Ethyltoluene	0.24 ppbV	45213	06/23/2021
	1,3,5-Trimethylbenzene	0.04 ppbV	45207	06/23/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.13 ppbV	45208	06/23/2021
	1,3-Dichlorobenzene	<0.125 ppbV	45806	06/23/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,4-Dichlorobenzene	0.01 ppbV	45807	06/23/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	06/23/2021
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	06/23/2021
	PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.			
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	06/23/2021

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



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 06/23/2021
DCLS LIMS #: E210607111

Mail To

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

Sample Information

DATE RECEIVED	06/16/2021 15:17	PROGRAM CODE	AM
SAMPLING DATE	06/15/2021 01:00	STATION ID	DEQ
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	S215
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	PASSIVE SAMPLER K1
REPORT BD	Y	LOCATION	BRISTOL VIRGINIA LANDFILL
		SAMPLE ID	B061521

Test Results

APPROVED BY: [REDACTED] Group Manager DATE APPROVED: 06/23/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		06/16/2021
	Identified: Propane, Isobutane, Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, 1,3-Pentadiene, Dimethyl Sulfide, 2,3-Dimethylbutane, 2-Butanone, 3-methyl-Hexane, Nonane, Alpha Pinene, 2,4-Dimethyl-1-Decene, Decane.			
	Propylene	< 0.125 ppbV	43205	06/16/2021
	Dichlorodifluoromethane	0.52 ppbV	43823	06/16/2021
	Chloromethane	0.60 ppbV	43801	06/16/2021
	Freon 114	< 0.125 ppbV	43208	06/16/2021
	Vinyl Chloride	< 0.125 ppbV	43880	06/16/2021
	1,3-Butadiene	< 0.125 ppbV	43218	06/16/2021
	Bromomethane	< 0.125 ppbV	43819	06/16/2021
	Ethyl Chloride	< 0.125 ppbV	43812	06/16/2021
	Acetonitrile	7.20 ppbV	43702	06/16/2021
	Acrolein	< 0.250 ppbV	43505	06/16/2021
	Freon 11	0.24 ppbV	43811	06/16/2021
	Acrylonitrile	< 0.125 ppbV	43704	06/16/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	06/16/2021
	Methylene Chloride	1.58 ppbV	43802	06/16/2021
	1,1,2-Trichlorotrifluoroethane	0.07 ppbV	43207	06/16/2021
	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	06/16/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	06/16/2021
	MTBE	< 0.125 ppbV	43372	06/16/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	06/16/2021
	Hexane	0.22 ppbV	43231	06/16/2021
	Trichloromethane	0.22 ppbV	43803	06/16/2021
	Ethyl Acetate	1.78 ppbV	43209	06/16/2021
	Tetrahydrofuran	0.18 ppbV	46401	06/16/2021
	1,2-Dichloroethane	0.03 ppbV	43815	06/16/2021

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



DCLS

NELAC ID VAO 0

REPORT OF ANALYSIS

Report Date: 06/23/2021
DCLS LIMS #: E210607111

Test Results

APPROVED BY: [Redacted] Group Manager

DATE APPROVED: 06/23/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15				
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,1,1-Trichloroethane	0.01 ppbV	43814	06/16/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Benzene	2.23 ppbV	45201	06/16/2021
	Carbon Tetrachloride	0.06 ppbV	43804	06/16/2021
	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	06/16/2021
	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	06/16/2021
	Bromodichloromethane	< 0.125 ppbV	43828	06/16/2021
	Trichloroethylene	0.02 ppbV	43824	06/16/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Methyl Methacrylate	< 0.125 ppbV	43441	06/16/2021
	Heptane	0.14 ppbV	43232	06/16/2021
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	06/16/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	06/16/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	06/16/2021
	Toluene	1.12 ppbV	45202	06/16/2021
	Dibromochloromethane	< 0.125 ppbV	43832	06/16/2021
	1,2-Dibromoethane	0.01 ppbV	43843	06/16/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Tetrachloroethylene	0.04 ppbV	43817	06/16/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Chlorobenzene	0.01 ppbV	45801	06/16/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Ethylbenzene	0.23 ppbV	45203	06/16/2021
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	m,p-Xylenes	0.44 ppbV	45109	06/16/2021
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	Bromoform	< 0.125 ppbV	43806	06/16/2021
	Styrene	0.24 ppbV	45220	06/16/2021
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	06/16/2021
	o-Xylene	0.15 ppbV	45204	06/16/2021

Explanation of Terms and Disclaimers

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DCLS

NELAC ID VAO 0

REPORT OF ANALYSIS

Report Date: 06/23/2021
DCLS LIMS #: E210607111

Test Results

APPROVED BY: [REDACTED]

Group Manager

DATE APPROVED: 06/23/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	4-Ethyltoluene	0.24 ppbV	45213	06/16/2021
	1,3,5-Trimethylbenzene	0.05 ppbV	45207	06/16/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	1,2,4-Trimethylbenzene	0.16 ppbV	45208	06/16/2021
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	1,3-Dichlorobenzene	0.04 ppbV	45806	06/16/2021
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	1,4-Dichlorobenzene	0.05 ppbV	45807	06/16/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2-Dichlorobenzene	0.04 ppbV	45805	06/16/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	PARAMETER QUALIFIER: CCV recovery exceeded the method acceptance limit. Analyte could be biased high.			
	1,2,4-Trichlorobenzene	0.14 ppbV	45810	06/16/2021
	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	< 0.125 ppbV	43844	06/16/2021

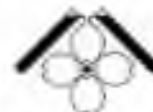
Explanation of Terms and Disclaimers

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DCLS

MELAC ID VAO 0

REPORT OF ANALYSIS

Report Date: 06/24/2021
DCLS LIMS #: E210607389

Mail To

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

Sample Information

DATE RECEIVED	06/17/2021 12:40	PROGRAM CODE	AM
SAMPLING DATE	06/15/2021 20:25	STATION ID	BRISTOL LANDFILL
COLLECTED BY	STACY A. BOWERS	CONTAINER ID	S158
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL VIRGINIA LANDFILL LOCATION 1
REPORT BDL	Y		RESIDENCE
		LOCATION	BRISTOL VIRGINIA LANDFILL
		SAMPLE ID	B061521

Test Results

APPROVED BY: [Signature] Group Manager DATE APPROVED: 06/24/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		06/17/2021
	Identified: Propane, Isobutane, Butane, Ethanol, Acetone, isopropyl Alcohol, Pentane, Dimethyl Sulfide, 2 Butanone, Nonane, 4 cyclohexyl Decane, Alpha Pinene, Decane, 4 ethyl-1,2 dimethyl Benzene, 1 methyl 4 (1-methyl-2-ethyl)Benzene, Undecane.			
	Propylene	1.11 ppbV	43205	06/17/2021
	Dichlorodifluoromethane	0.48 ppbV	43823	06/17/2021
	Chloromethane	0.61 ppbV	43801	06/17/2021
	Freon 114	< 0.125 ppbV	43208	06/17/2021
	Vinyl Chloride	< 0.125 ppbV	43860	06/17/2021
	1,3-Butadiene	< 0.125 ppbV	43218	06/17/2021
	Bromomethane	< 0.125 ppbV	43819	06/17/2021
	Ethyl Chloride	< 0.125 ppbV	43812	06/17/2021
	Acetonitrile	< 0.125 ppbV	43702	06/17/2021
	Acrolein	< 0.250 ppbV	43505	06/17/2021
	Freon 11	0.23 ppbV	43811	06/17/2021
	Acrylonitrile	< 0.125 ppbV	43704	06/17/2021
	1,1-Dichloroethene	< 0.125 ppbV	43826	06/17/2021
	Methylene Chloride	0.21 ppbV	43802	06/17/2021
	1,1,2-Trichlorotrifluoroethane	0.07 ppbV	43207	06/17/2021
	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	06/17/2021
	1,1-Dichloroethane	< 0.125 ppbV	43813	06/17/2021
	MTBE	< 0.125 ppbV	43372	06/17/2021
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	06/17/2021
	Hexane	0.09 ppbV	43231	06/17/2021
	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	06/17/2021

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DCLS

MELAC ID VAO 0

REPORT OF ANALYSIS

Report Date: 06/24/2021
DCLS LIMS #: E210607389

Test Results

APPROVED BY: [REDACTED]

Group Manager

DATE APPROVED: 06/24/2021

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15				
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Ethyl Acetate	0.21 ppbV	43209	06/17/2021
	Tetrahydrofuran	0.17 ppbV	46401	06/17/2021
	PARAMETER QUALIFIER: RPD or Absolute Difference between duplicate samples exceeded method acceptance limits.			
	1,2-Dichloroethane	0.02 ppbV	43815	06/17/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,1-Trichloroethane	0.02 ppbV	43814	06/17/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Benzene	3.21 ppbV	45201	06/17/2021
	Carbon Tetrachloride	0.06 ppbV	43804	06/17/2021
	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	06/17/2021
	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	06/17/2021
	Bromodichloromethane	< 0.125 ppbV	43828	06/17/2021
	Trichloroethylene	0.02 ppbV	43824	06/17/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Methyl Methacrylate	< 0.125 ppbV	43441	06/17/2021
	Heptane	0.08 ppbV	43232	06/17/2021
	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	06/17/2021
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	06/17/2021
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	06/17/2021
	Toluene	0.58 ppbV	45202	06/17/2021
	Dibromochloromethane	< 0.125 ppbV	43832	06/17/2021
	1,2-Dibromoethane	< 0.125 ppbV	43843	06/17/2021
	Tetrachloroethylene	0.02 ppbV	43817	06/17/2021
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Chlorobenzene	< 0.125 ppbV	45801	06/17/2021
	Ethylbenzene	0.25 ppbV	45203	06/17/2021
	m,p-Xylenes	0.41 ppbV	45109	06/17/2021
	Bromoform	< 0.125 ppbV	43806	06/17/2021

Explanation of Terms and Disclaimers

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DCLS

MELAC ID VAO 0

REPORT OF ANALYSIS

Report Date: **06/24/2021**
DCLS LIMS #: **E210607389**

Test Results

APPROVED BY: [REDACTED] Group Manager DATE APPROVED: 06/24/2021

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Styrene	0.39 ppbV	45220	06/17/2021
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	06/17/2021
	o-Xylene	0.14 ppbV	45204	06/17/2021
	4-Ethyltoluene	0.22 ppbV	45213	06/17/2021
	1,3,5-Trimethylbenzene	0.04 ppbV	45207	06/17/2021
	<i>PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.</i>			
	1,2,4-Trimethylbenzene	0.12 ppbV	45208	06/17/2021
	<i>PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.</i>			
	1,3-Dichlorobenzene	0.00 ppbV	45806	06/17/2021
	<i>PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.</i>			
	1,4-Dichlorobenzene	0.02 ppbV	45807	06/17/2021
	<i>PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.</i>			
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	06/17/2021
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	06/17/2021
	<i>PARAMETER QUALIFIER: CCV recovery was less than the method acceptance limit. Analyte could be biased low.</i>			
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	06/17/2021

Explanation of Terms and Disclaimers

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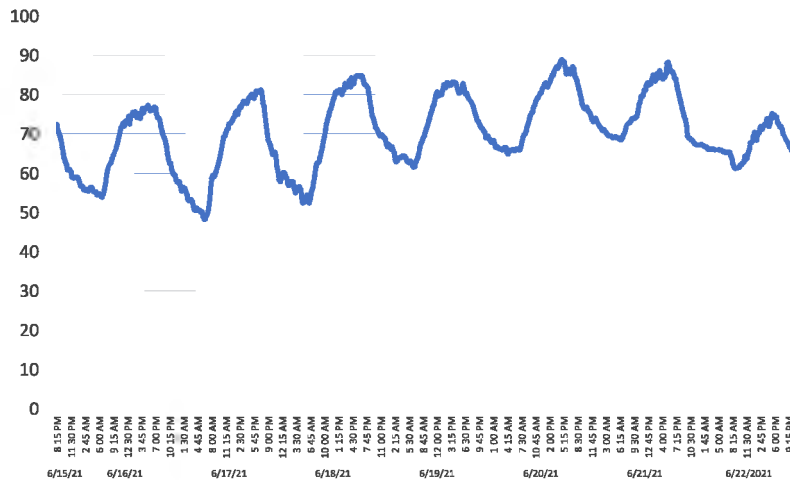
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ATTACHMENT 3
WEATHER GRAPHS

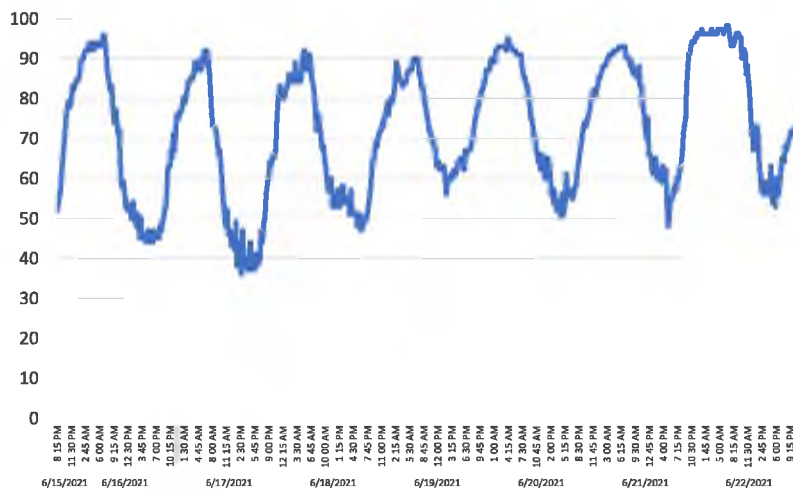
ATTACHMENT 3 – Weather Graphs

Weather Data June 15-22, 2021

Temperature Data - June 15-22, 2021

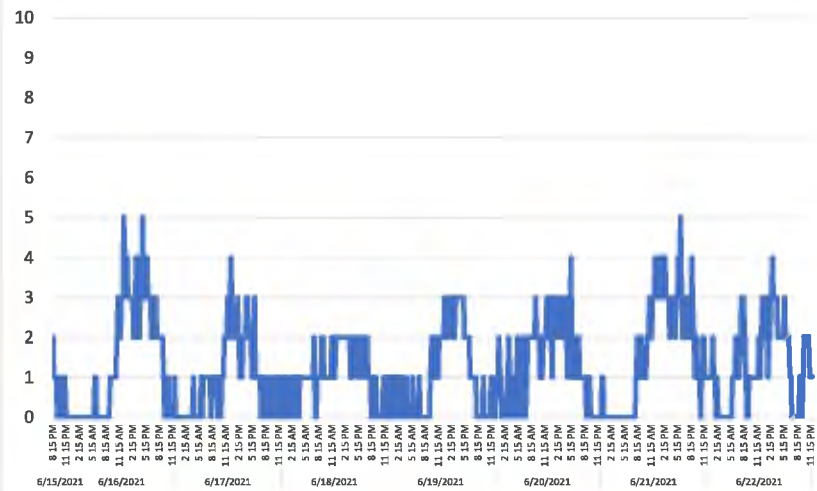


Humidity- June 15-22, 2021

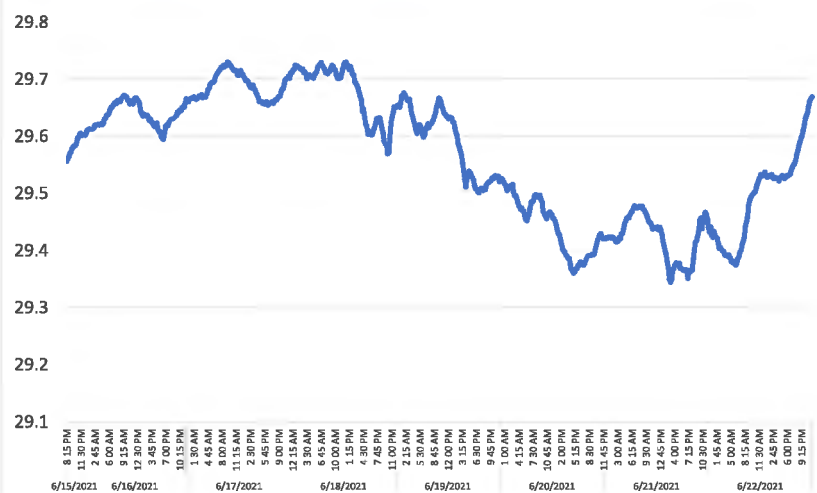


ATTACHMENT 3 – Weather Graphs

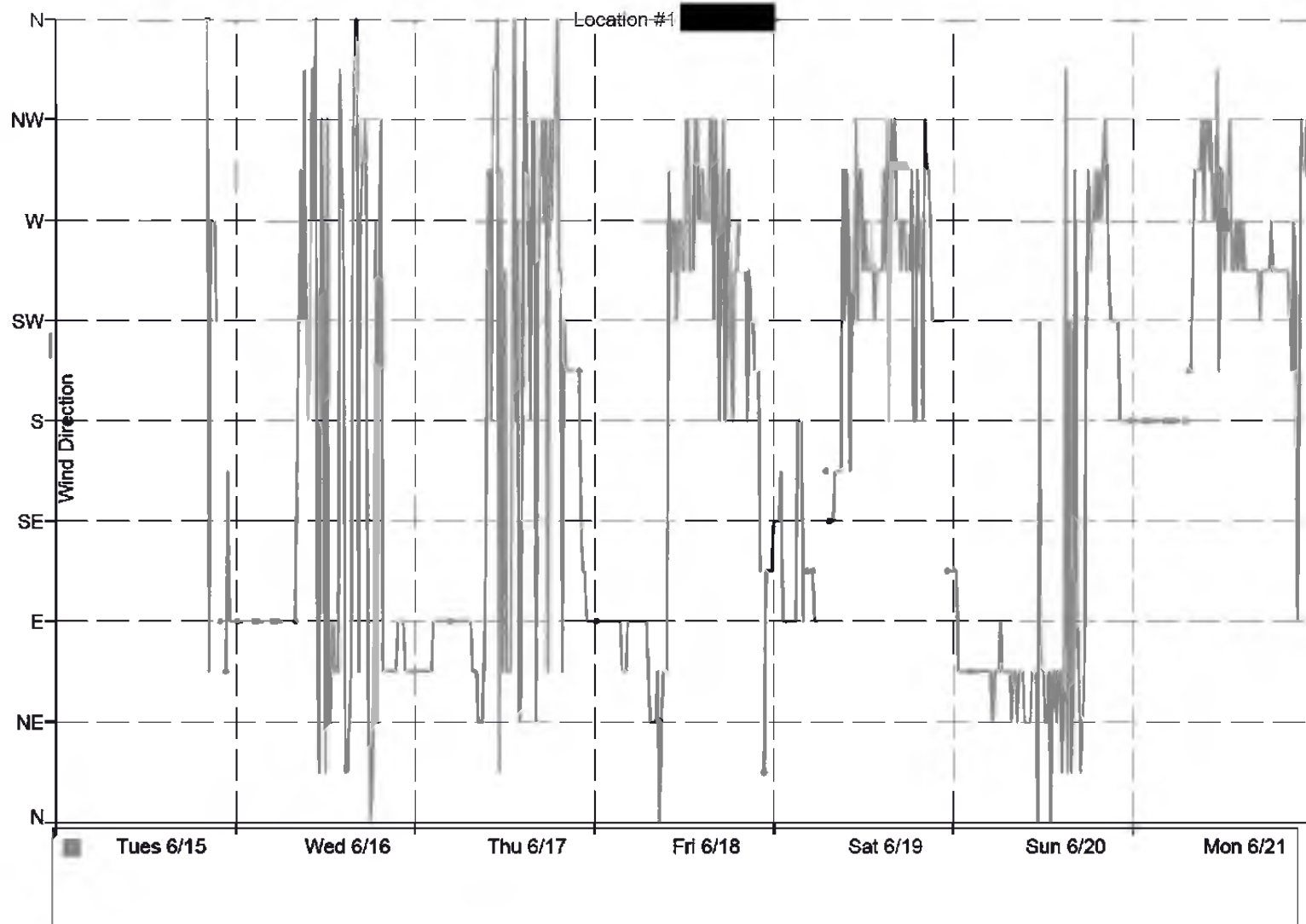
Wind Speed June 15-22, 2021



Barometric Pressure June 15-22, 2021



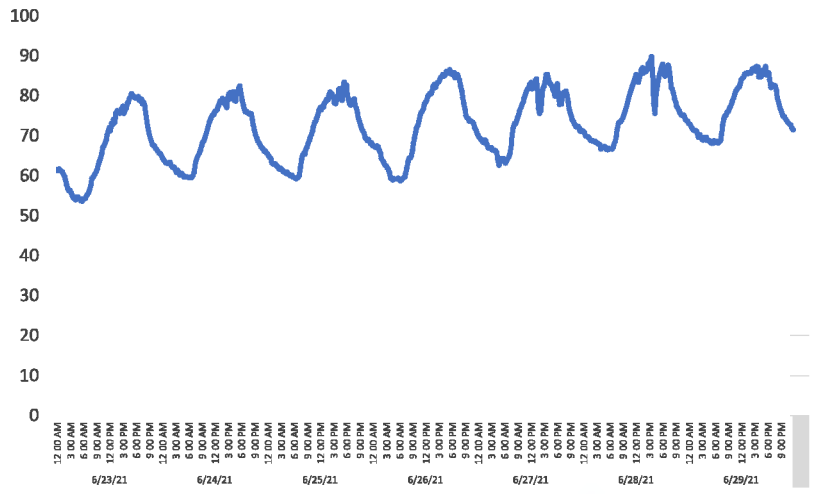
ATTACHMENT 3 – Weather Graphs



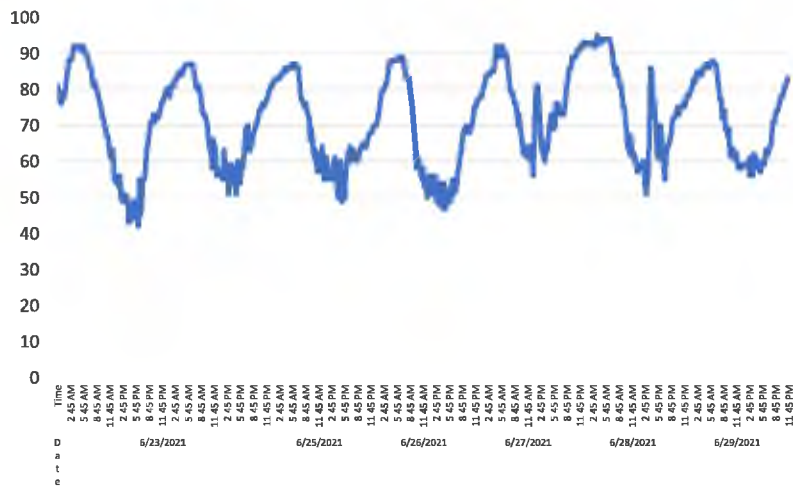
ATTACHMENT 3 – Weather Graphs

Weather Data June 23-29, 2021

Temperature Data - June 23-29, 2021

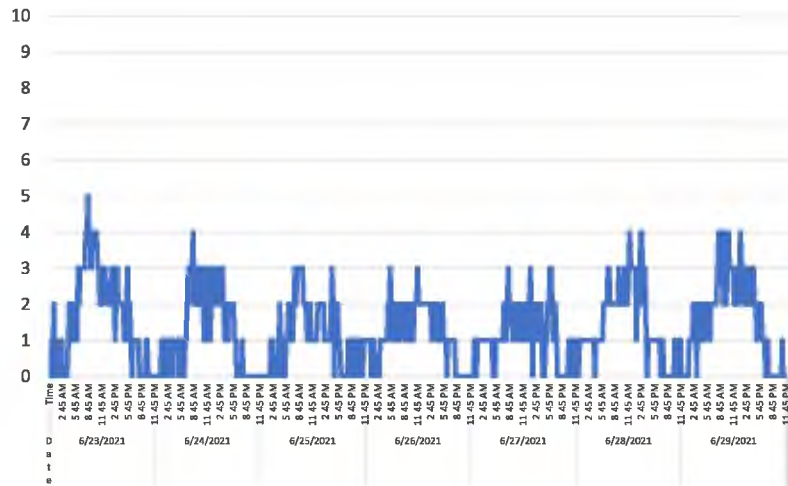


Humidity- June 23-29, 2021

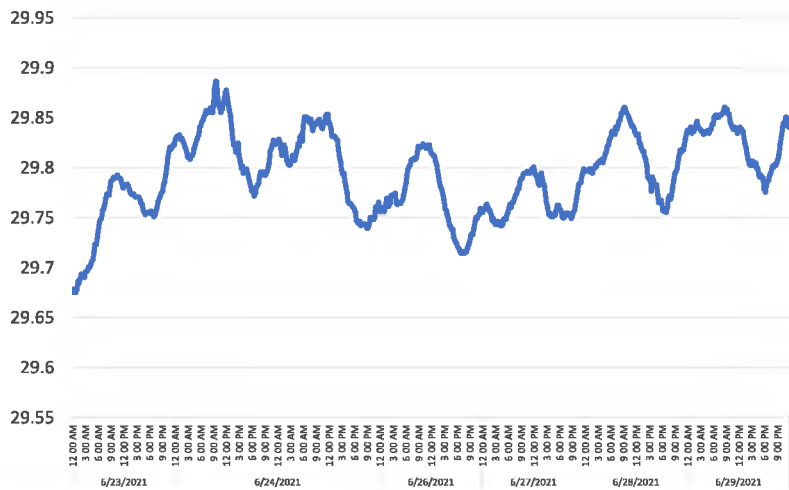


ATTACHMENT 3 – Weather Graphs

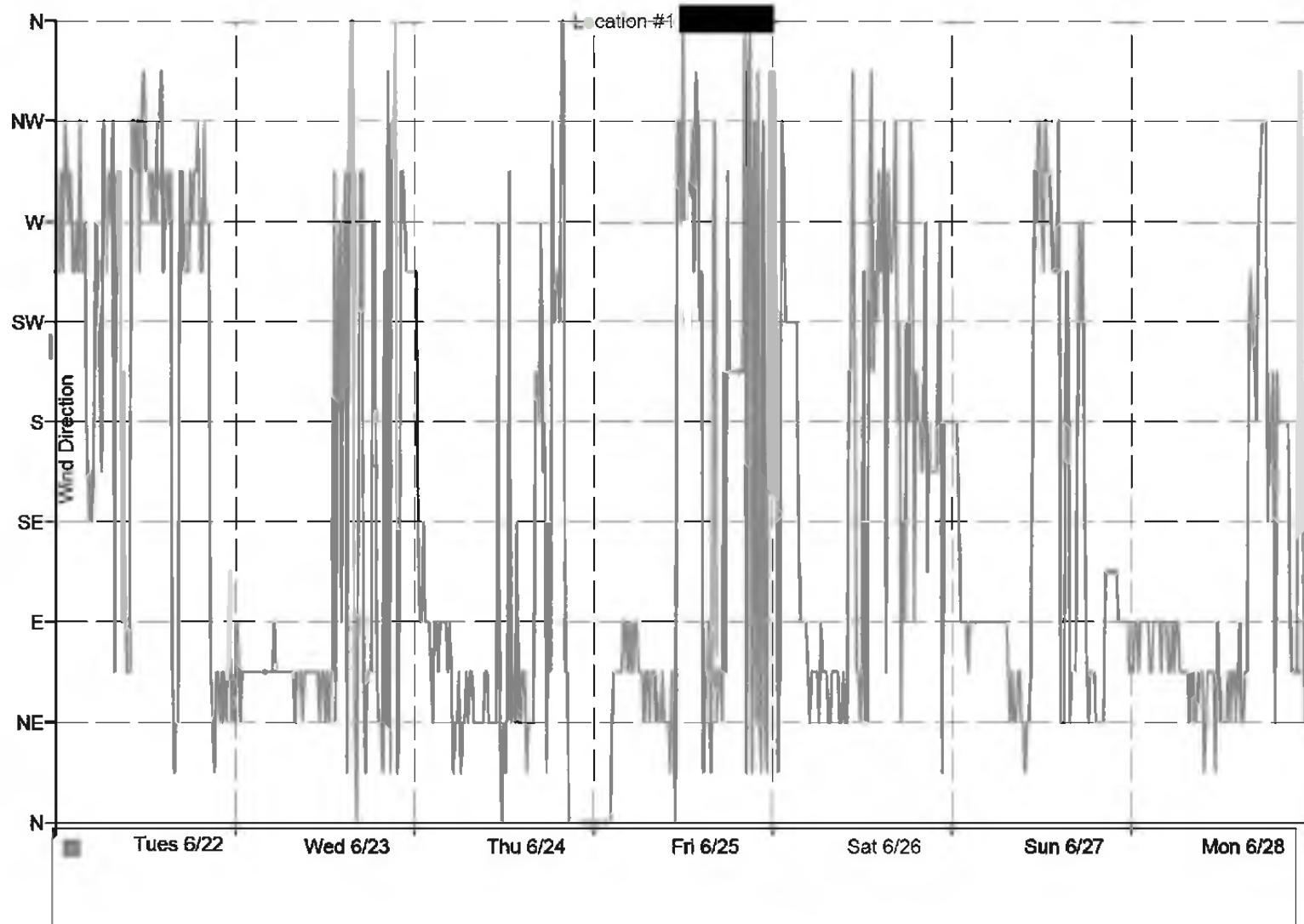
Wind Speed June 23-29, 2021



Barometric Pressure June 23-29, 2021



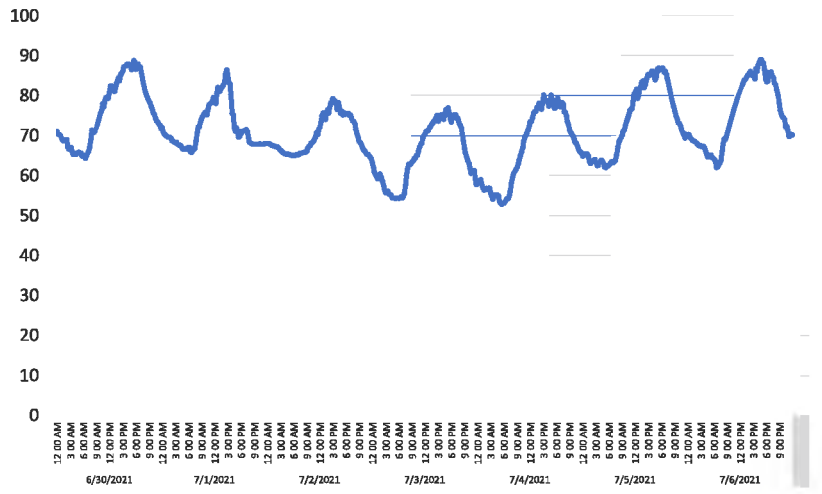
ATTACHMENT 3 – Weather Graphs



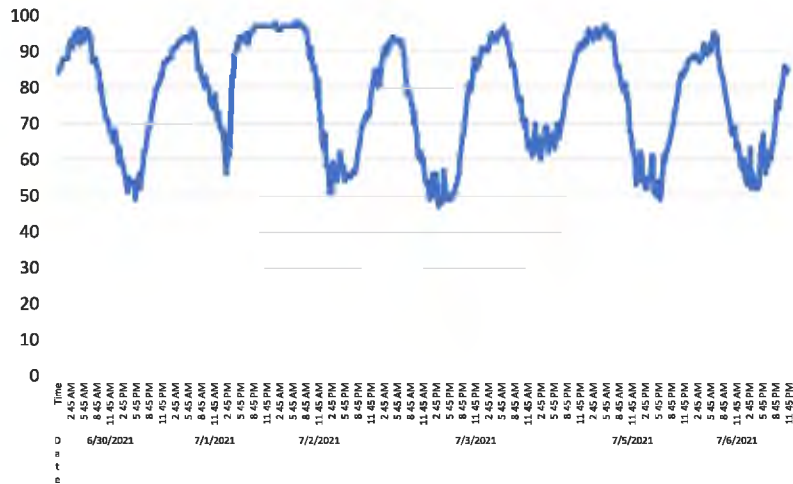
ATTACHMENT 3 – Weather Graphs

Weather Data June 30- July 6, 2021

Temperature Data - June 30 - July 6, 2021

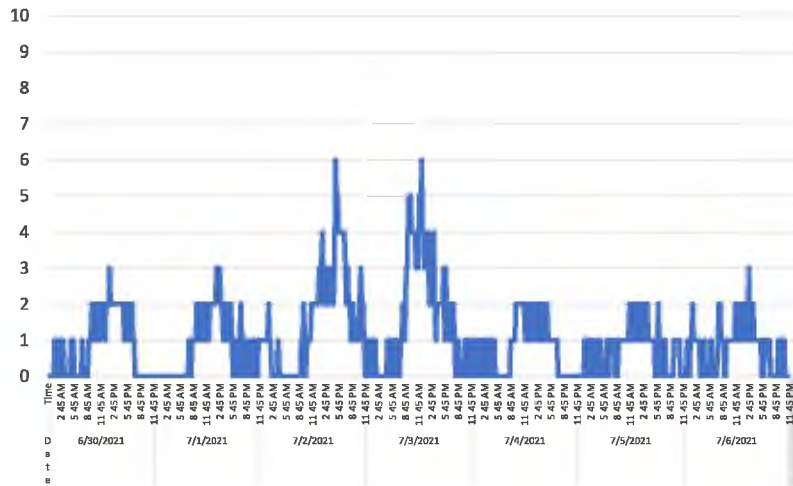


Humidity- June 30 - July 6, 2021

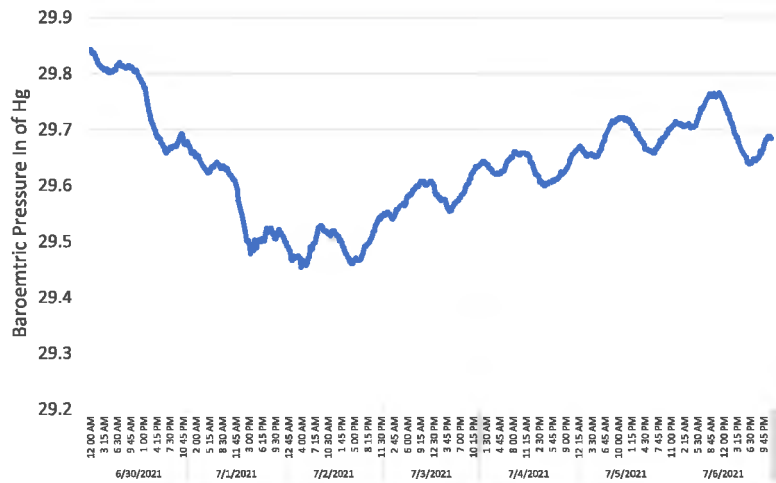


ATTACHMENT 3 – Weather Graphs

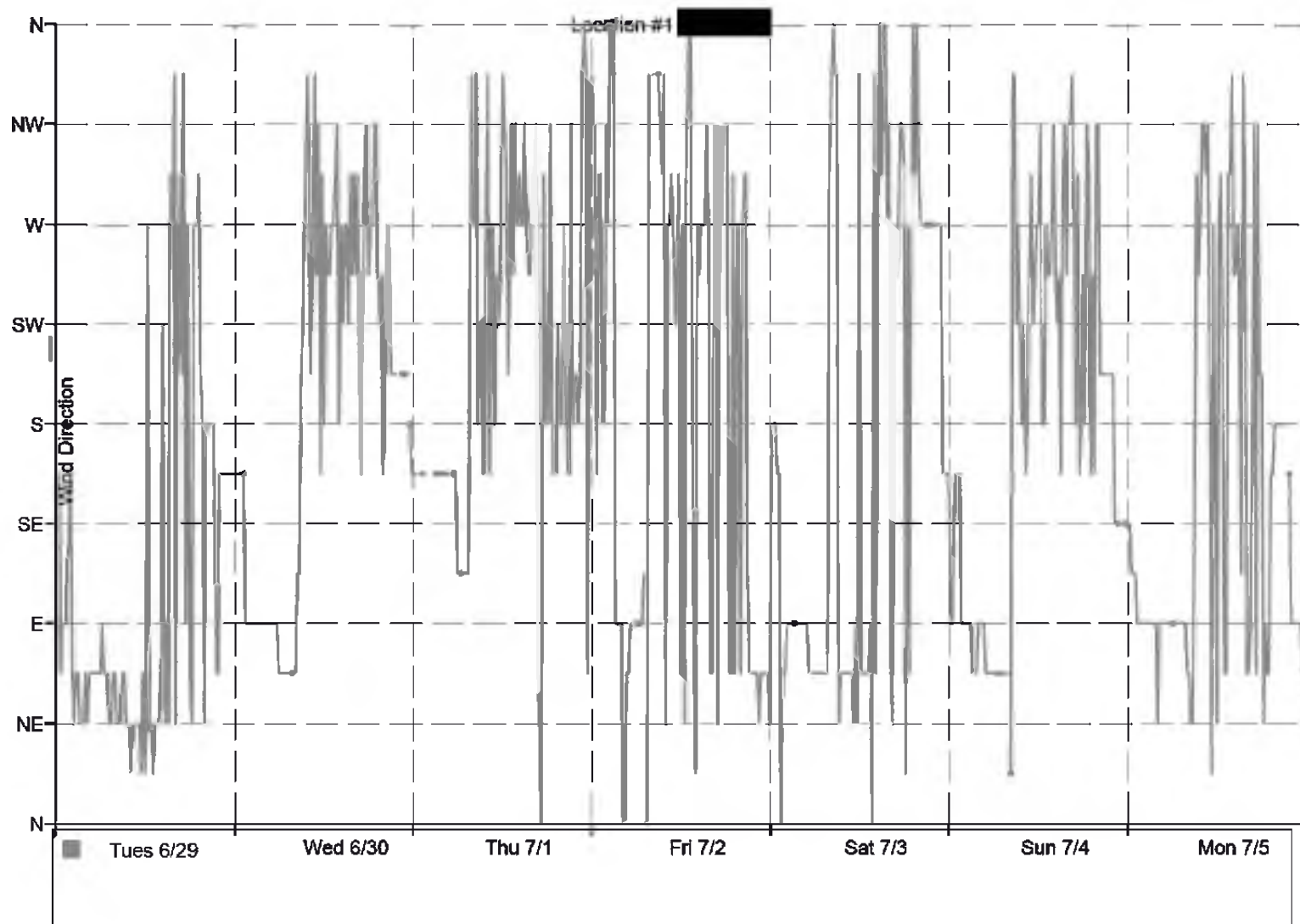
Wind Speed June 30 - July 6, 2021



Barometric Pressure June 30 - July 6, 2021



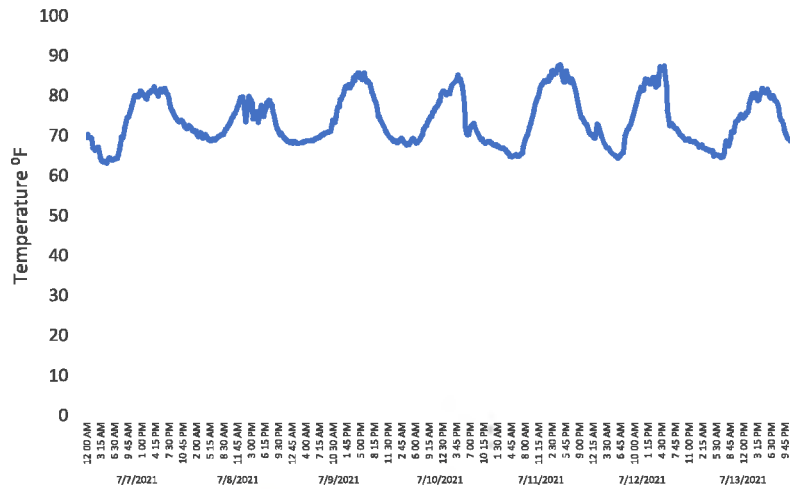
ATTACHMENT 3 – Weather Graphs



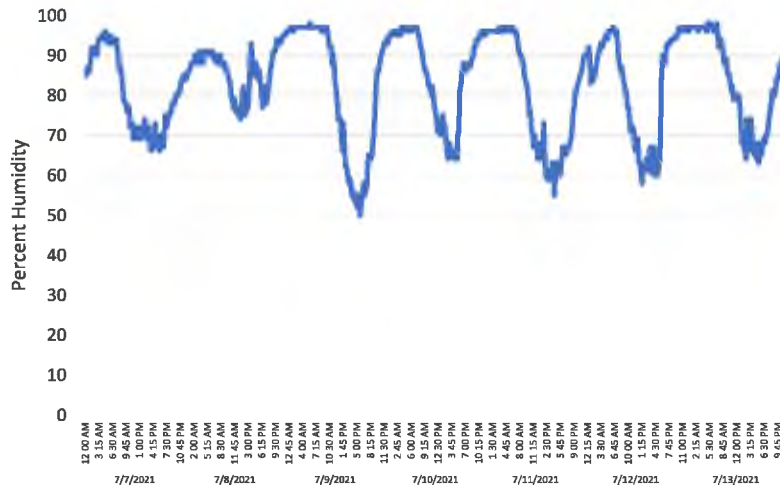
ATTACHMENT 3 – Weather Graphs

Weather Data June July 7-13, 2021

Temperature Data - July 7-13, 2021

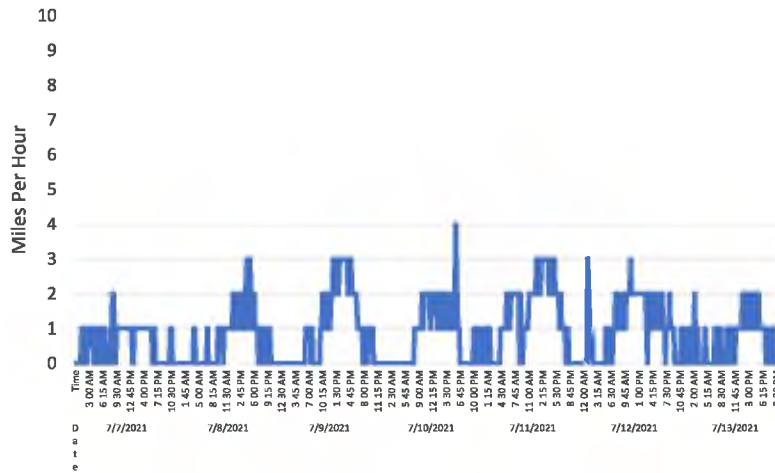


Humidity- July 7-13, 2021

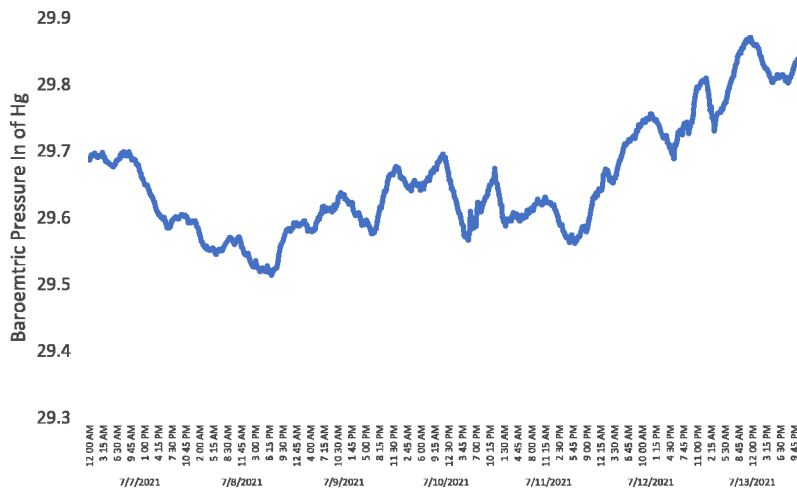


ATTACHMENT 3 – Weather Graphs

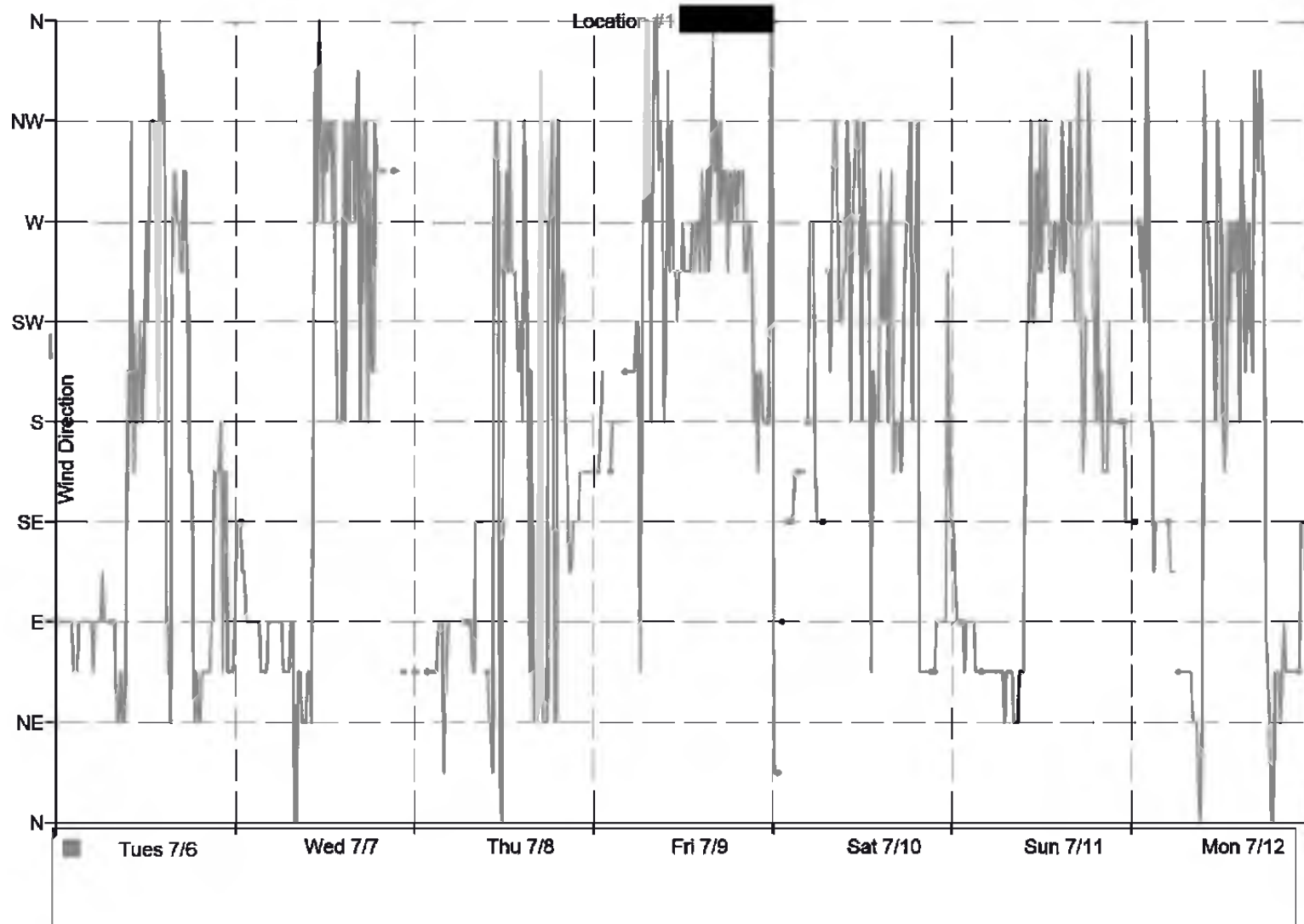
Wind Speed July 7-13, 2021



Barometric Pressure July 7-13, 2021



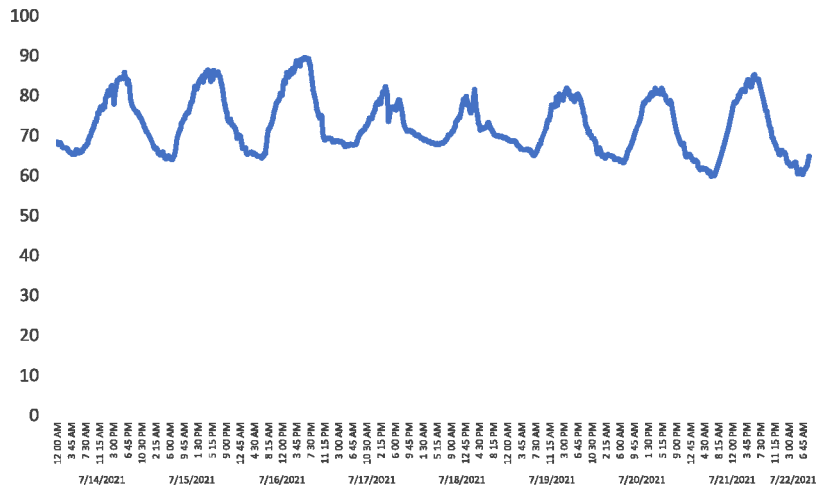
ATTACHMENT 3 – Weather Graphs



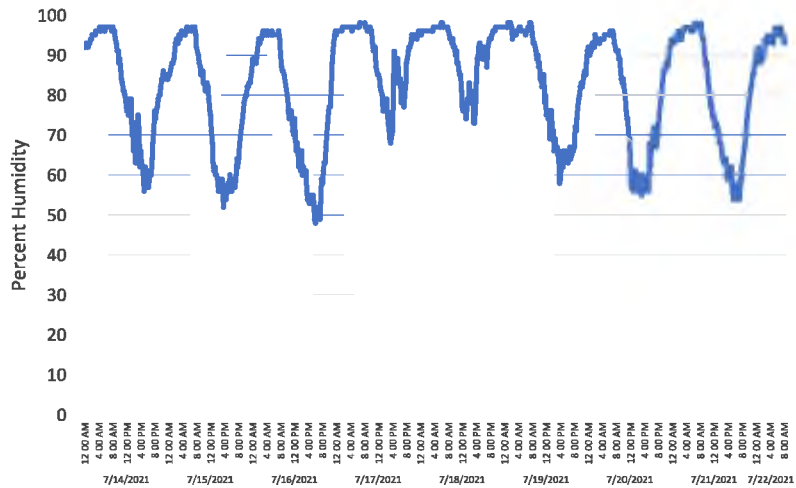
ATTACHMENT 3 – Weather Graphs

Weather Data July 14-22, 2021

Temperature - July 14-22, 2021

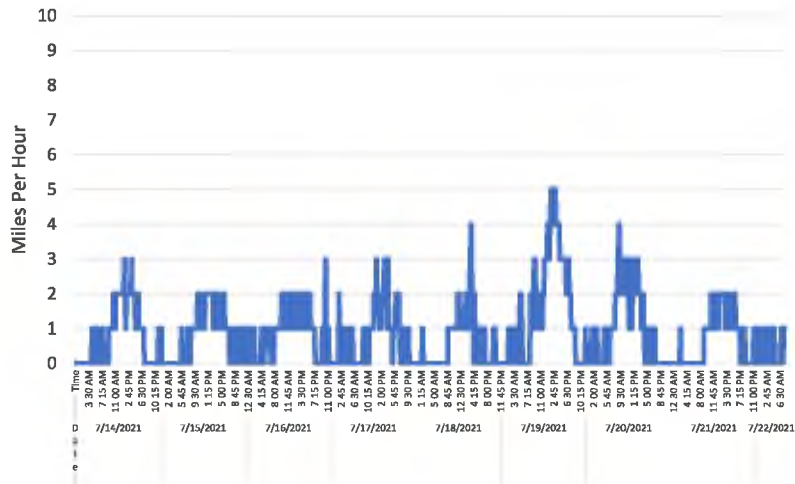


Humidity- July 14-22, 2021

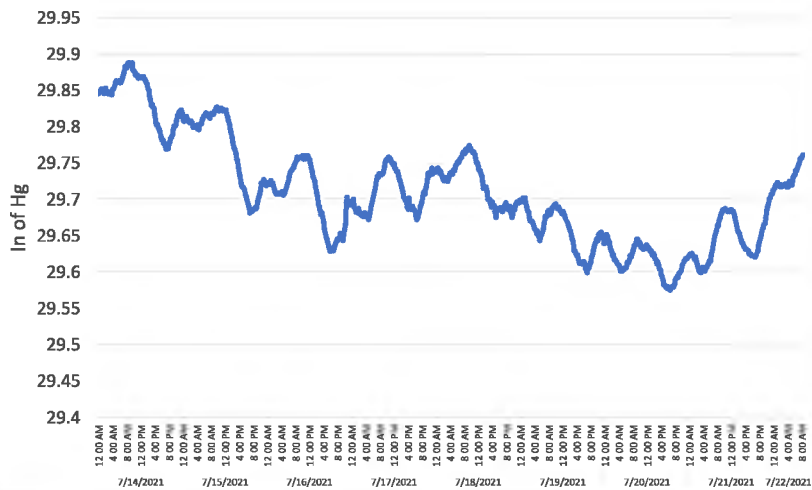


ATTACHMENT 3 – Weather Graphs

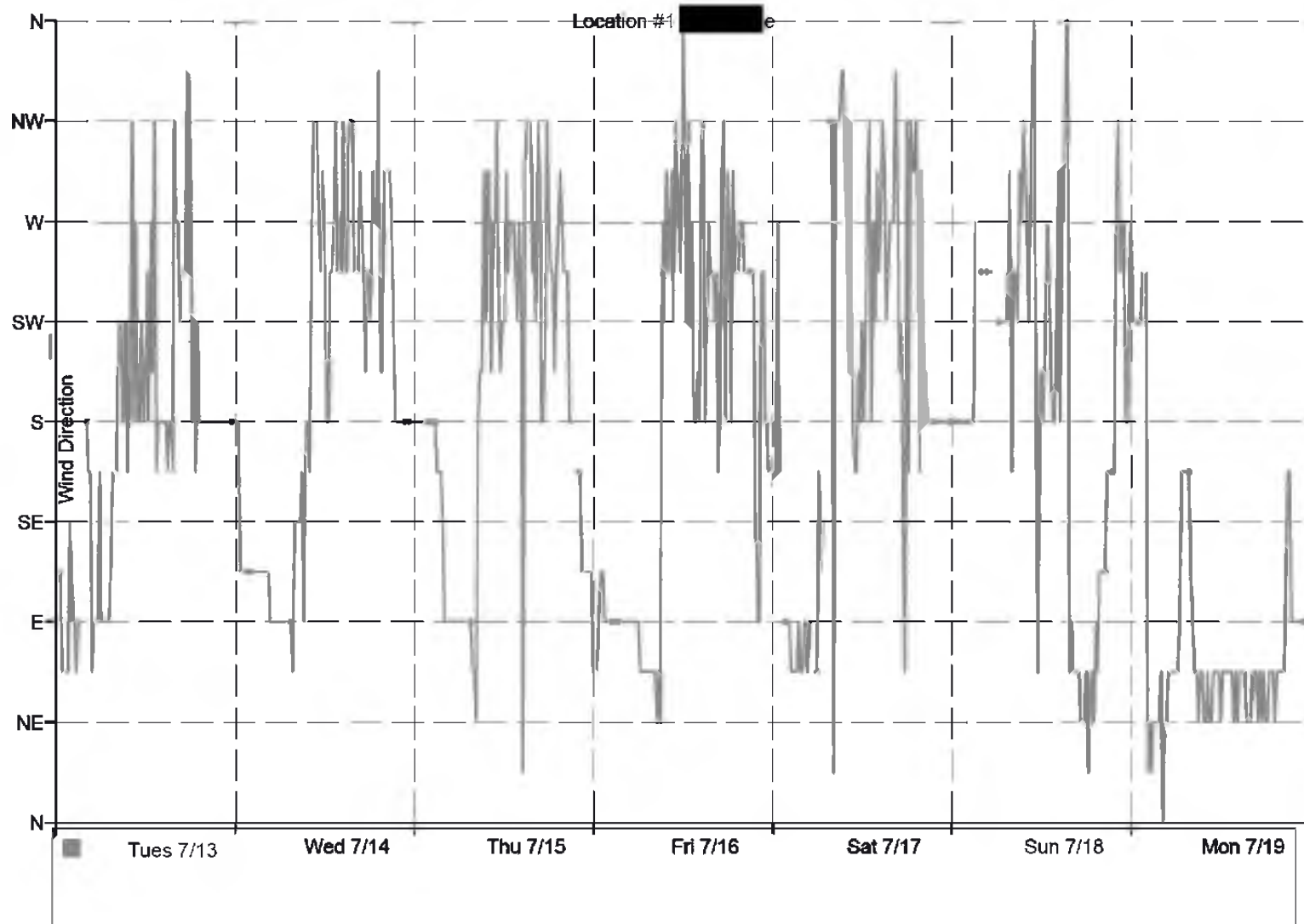
Wind Speed July 14-22, 2021



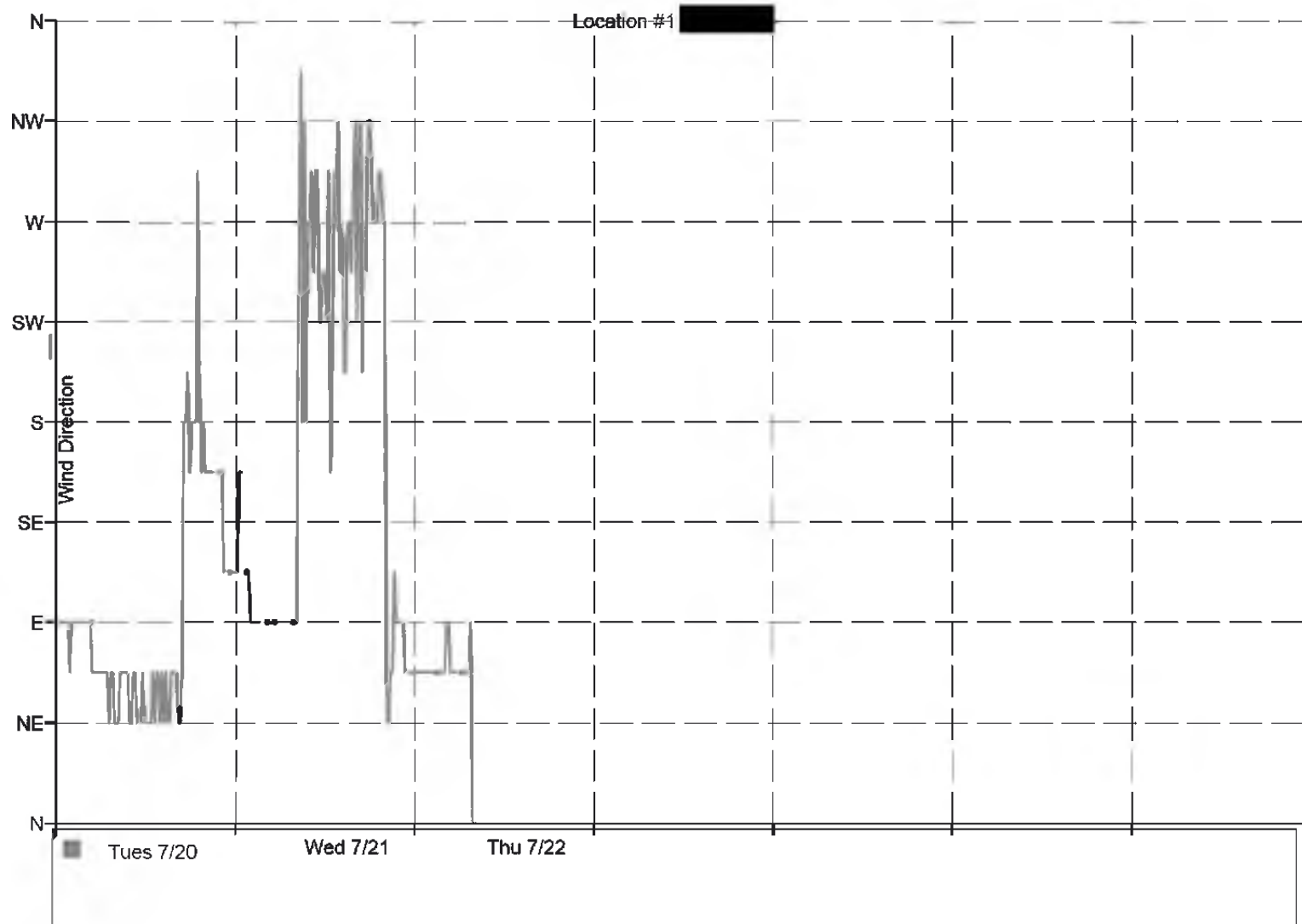
Barometric Pressure July 14-22, 2021



ATTACHMENT 3 – Weather Graphs



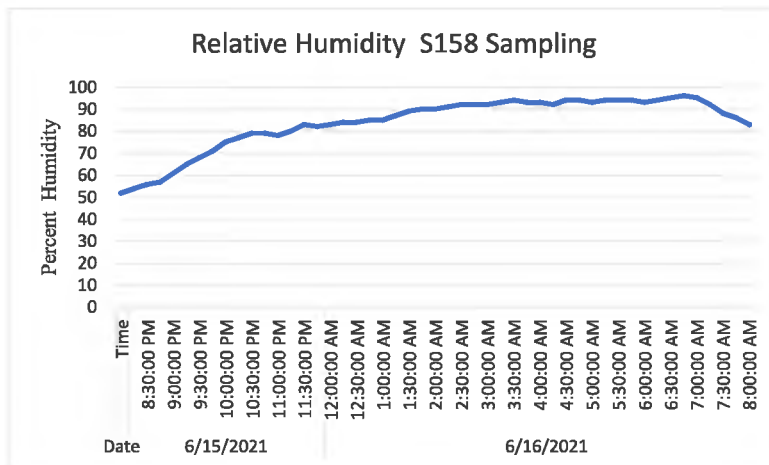
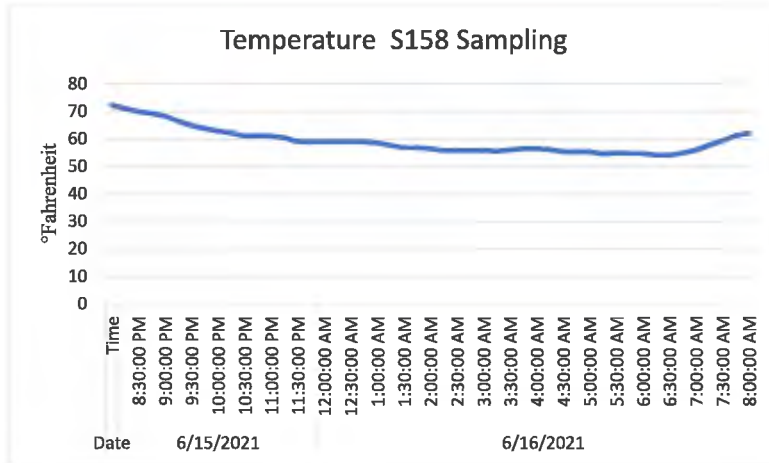
ATTACHMENT 3 – Weather Graphs



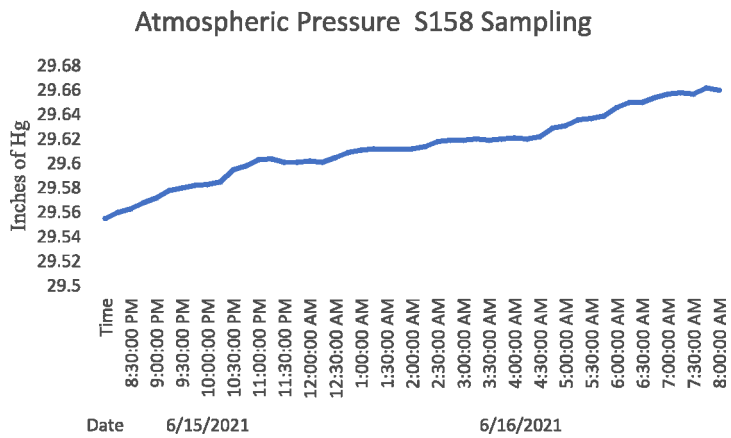
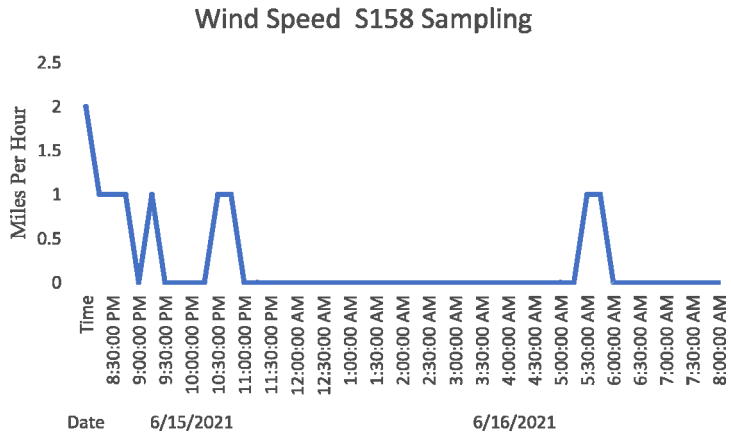
ATTACHMENT 3 – Weather Graphs

Weather During Sampling Events at Locations #1 & #5

Canister S158 Sampling Period Weather (6/15-16/21)

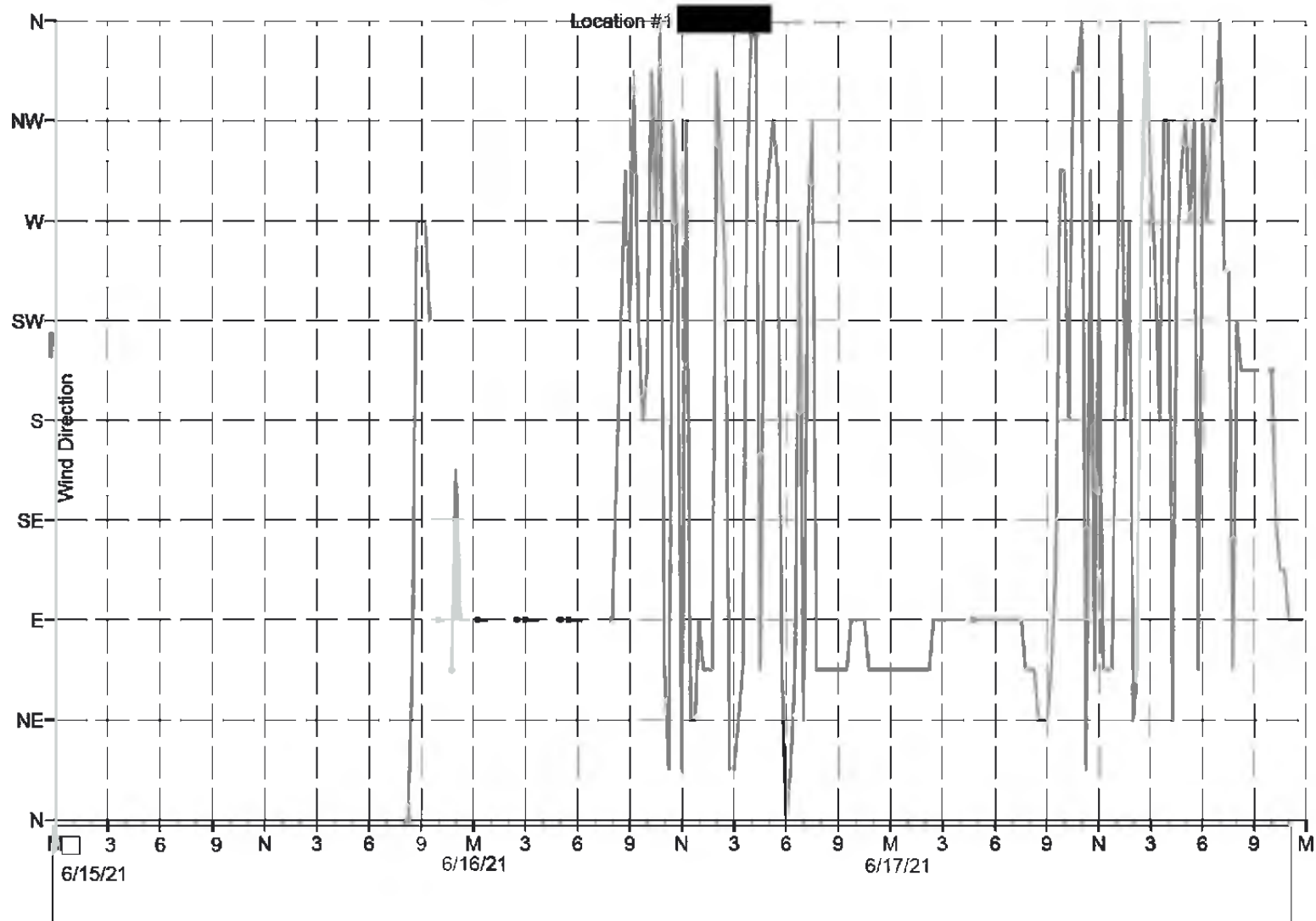


ATTACHMENT 3 – Weather Graphs



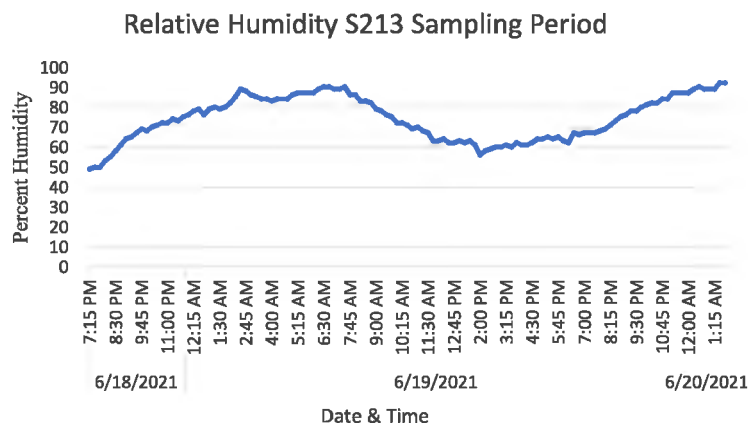
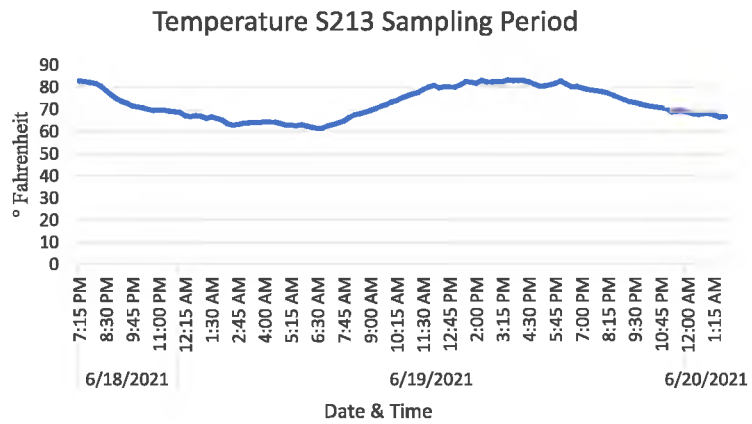
ATTACHMENT 3 - Weather Graphs

S215 and S158 (6/15-16/21)



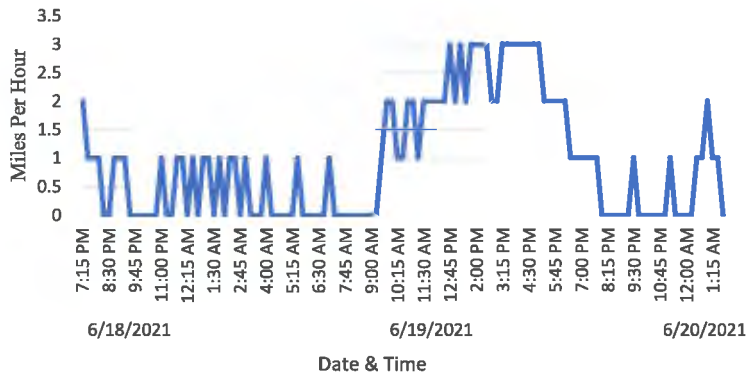
ATTACHMENT 3 – Weather Graphs

Canister S213 Sampling Period Weather (6/18-20/2021)



ATTACHMENT 3 – Weather Graphs

Wind Speed S213 Sampling Period

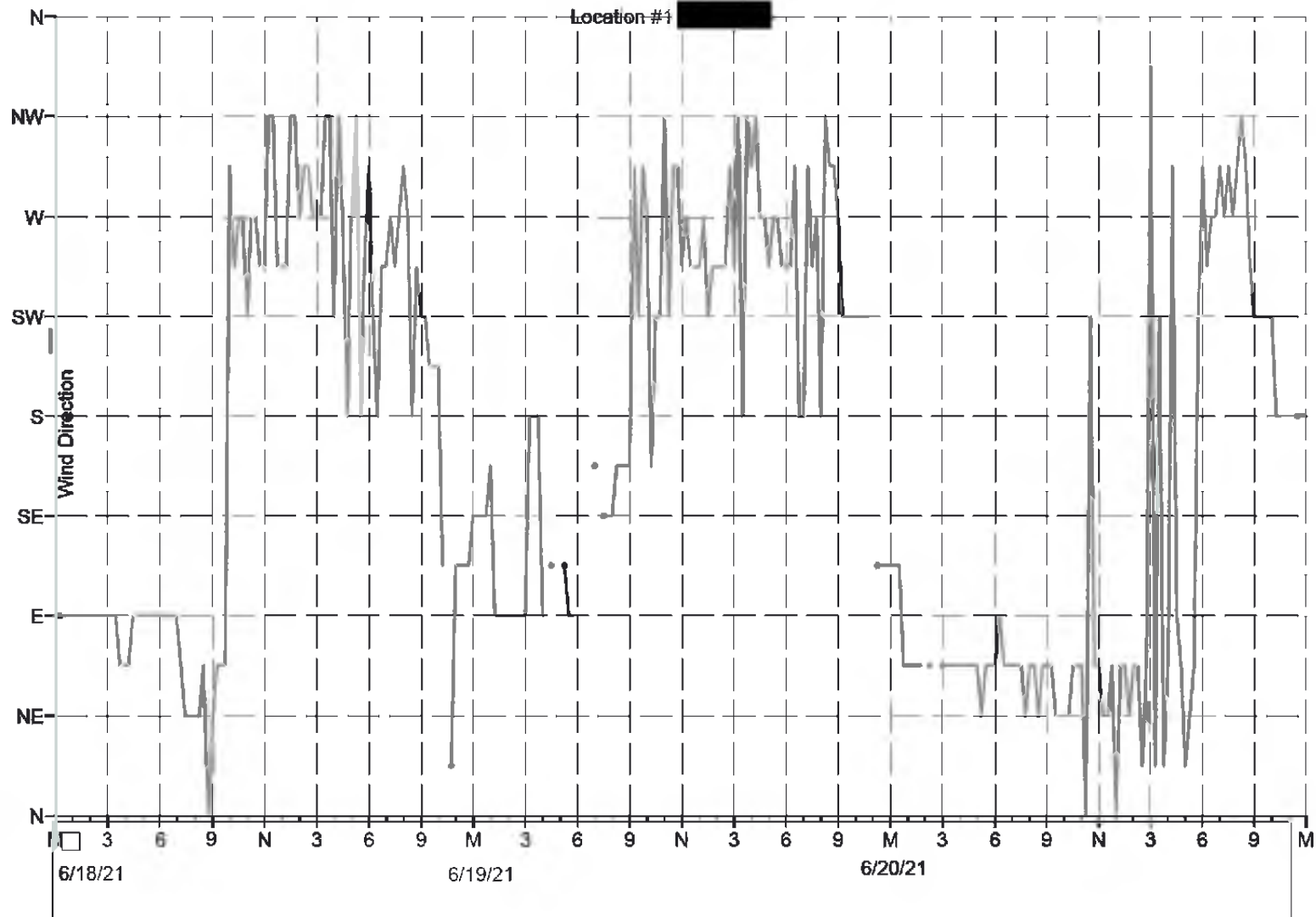


Atmospheric Pressure S213 Sampling Period



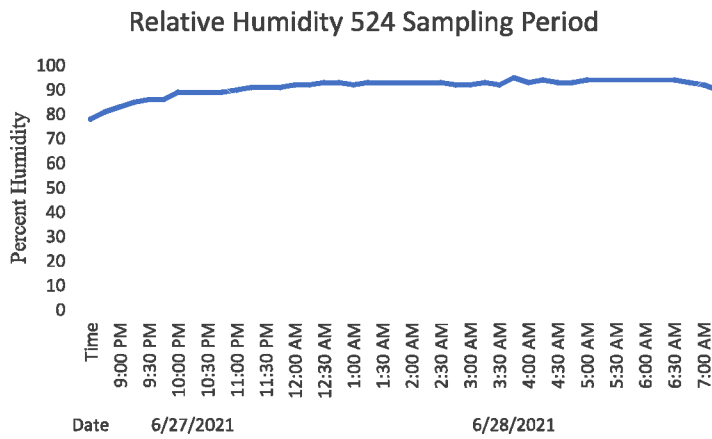
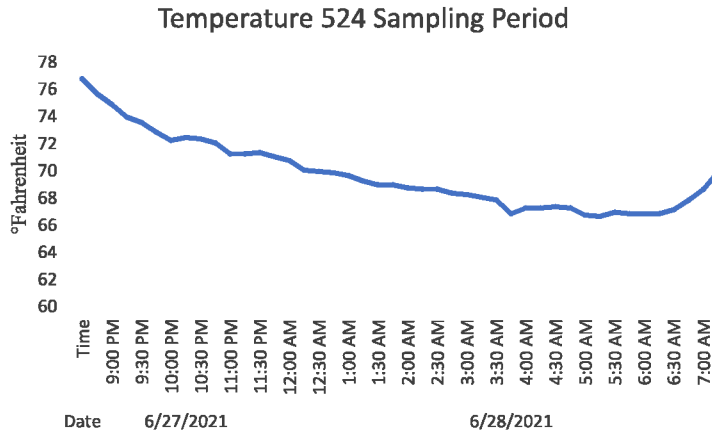
ATTACHMENT 3 – Weather Graphs

S213 (6/18-20/21)



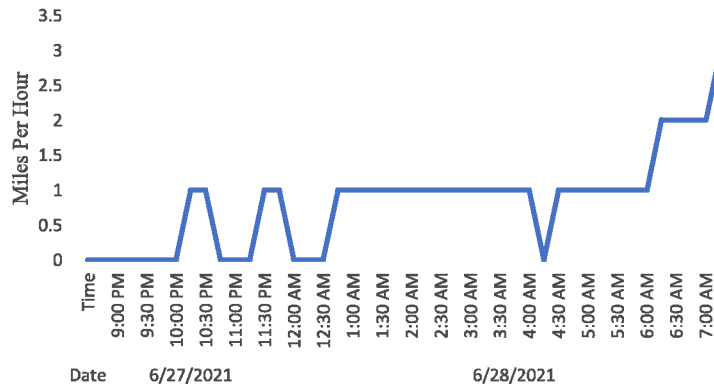
ATTACHMENT 3 – Weather Graphs

Canister 524 Sampling Period Weather (6/27-28/21)

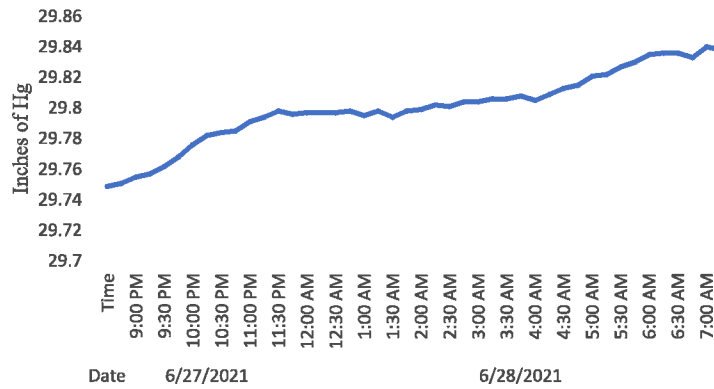


ATTACHMENT 3 – Weather Graphs

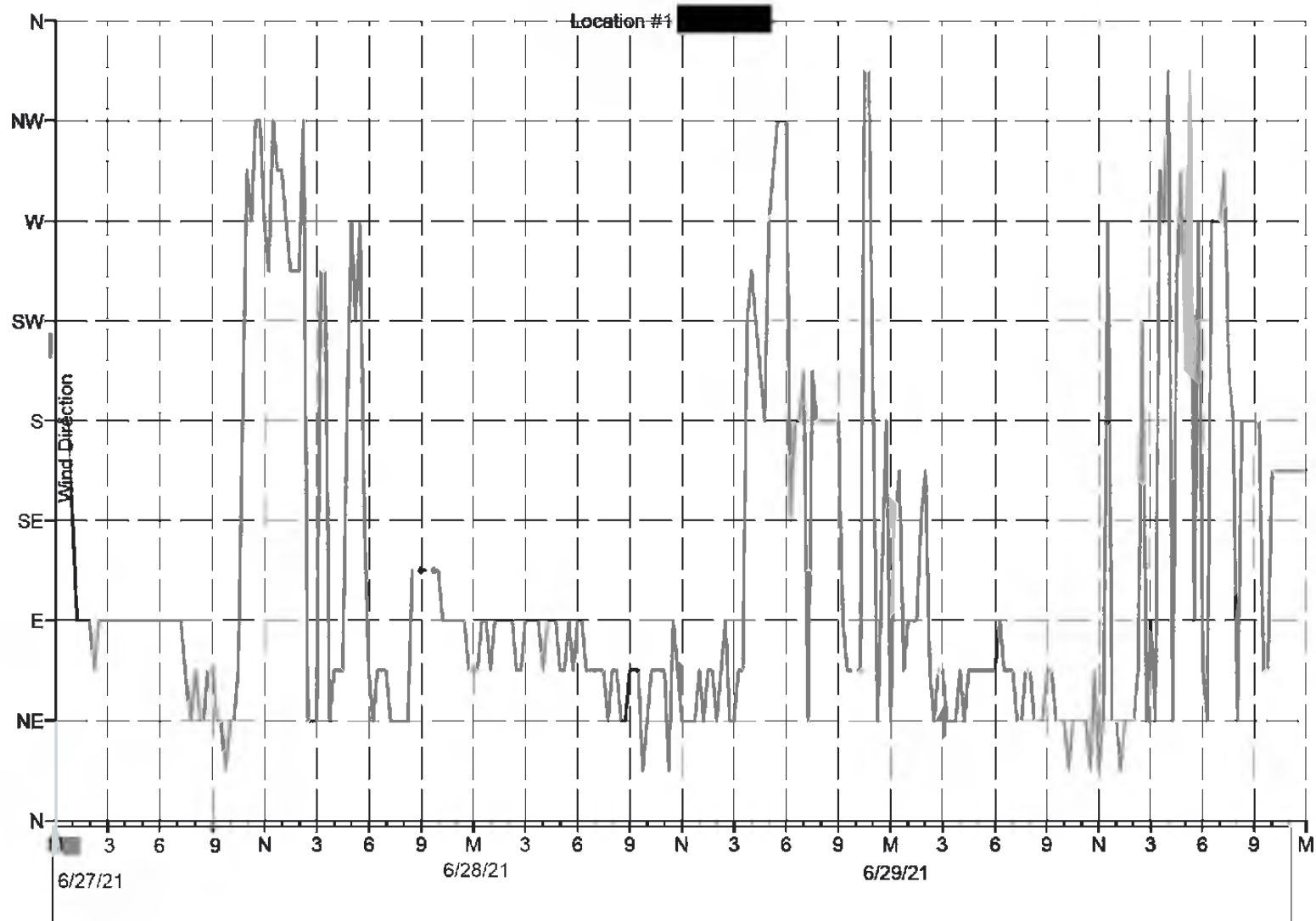
Wind Speed 524 Sampling Period



Atmospheric Pressure 524 Sampling Period

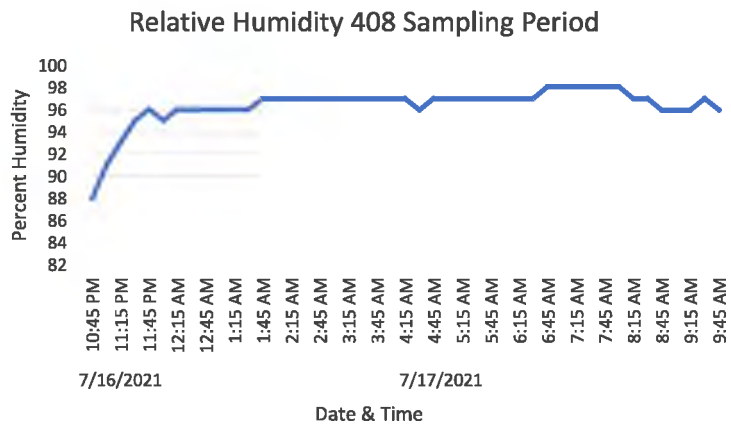
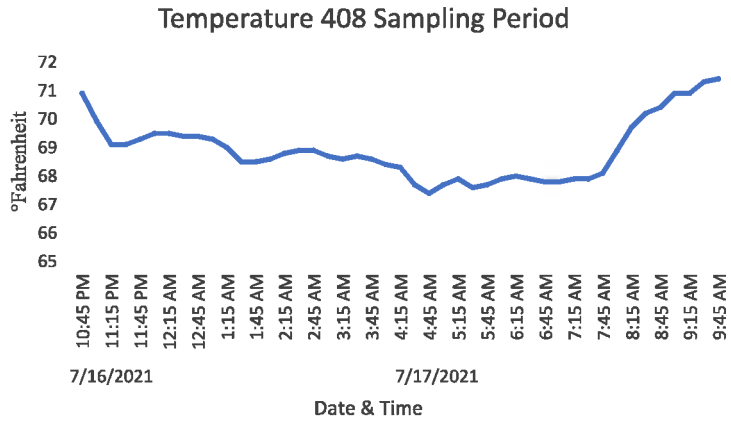


ATTACHMENT 3 - Weather Graphs



ATTACHMENT 3 – Weather Graphs

Canister 408 Sampling Period Weather (7/16-17/21)

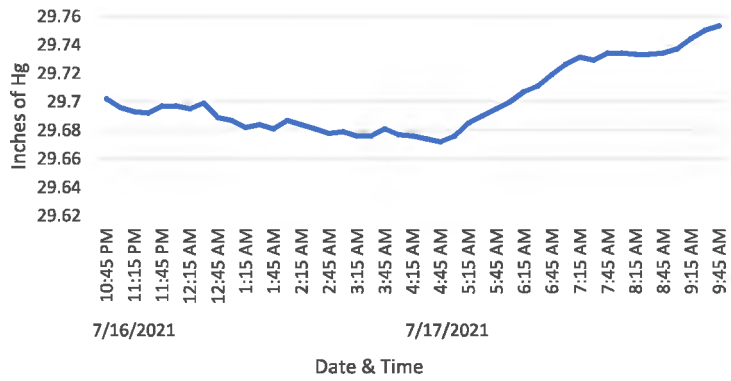


ATTACHMENT 3 – Weather Graphs

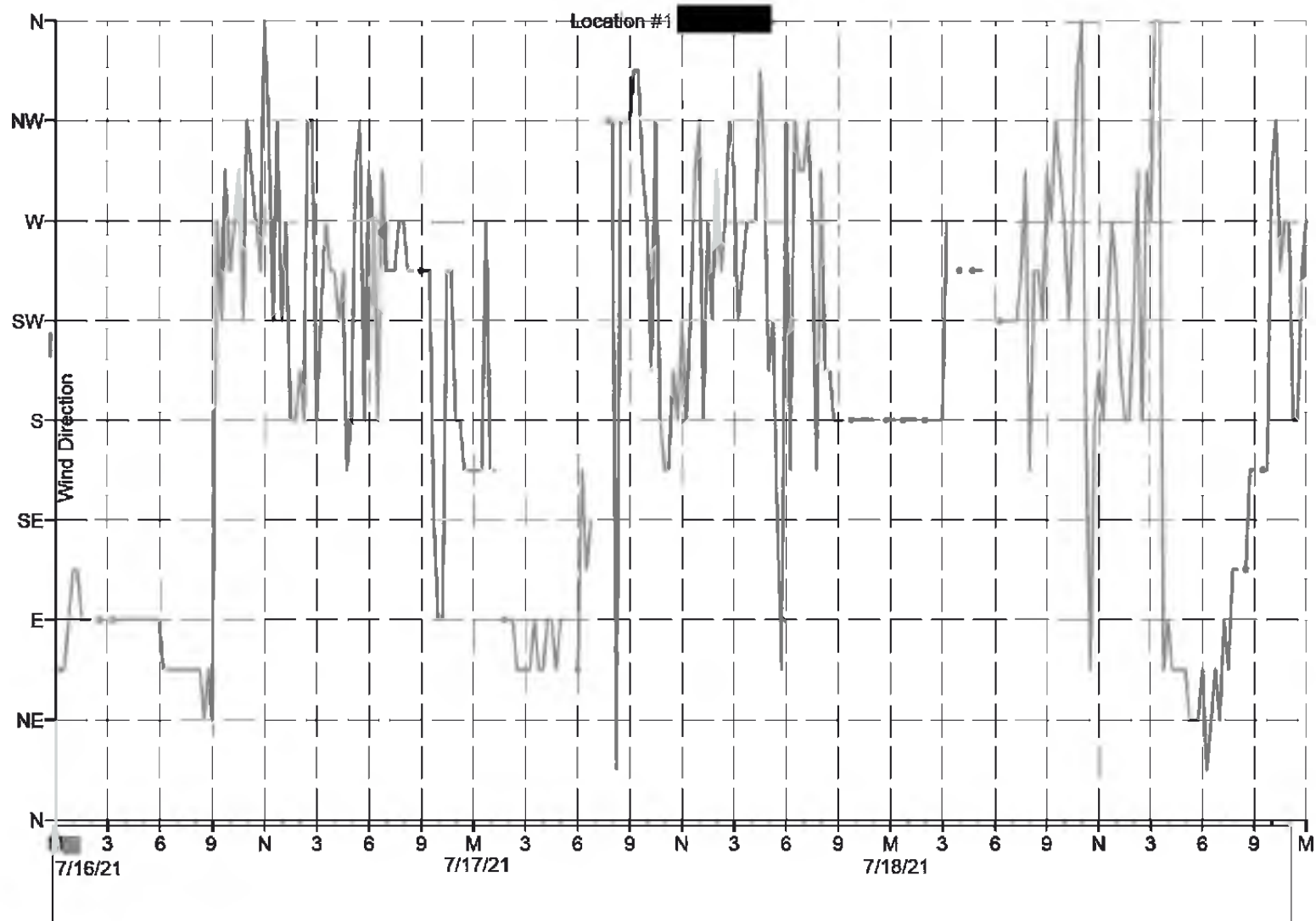
Wind Speed 408 Sampling Period



Atmospheric Pressure 408 Sampling Period

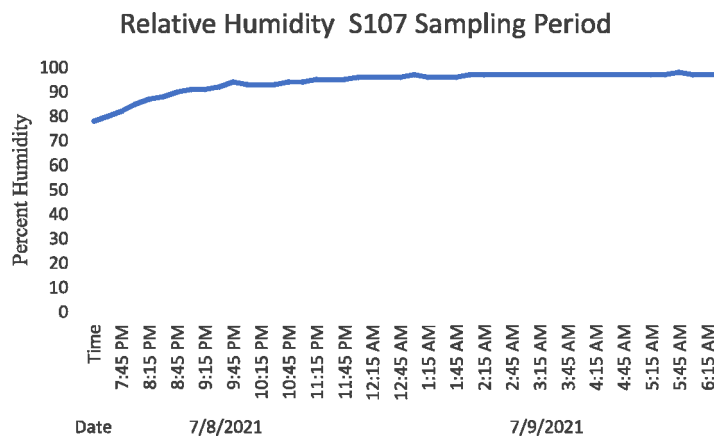
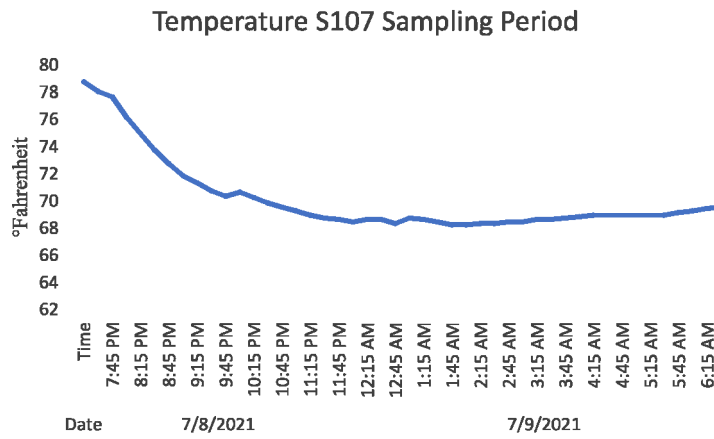


ATTACHMENT 3 - Weather Graphs

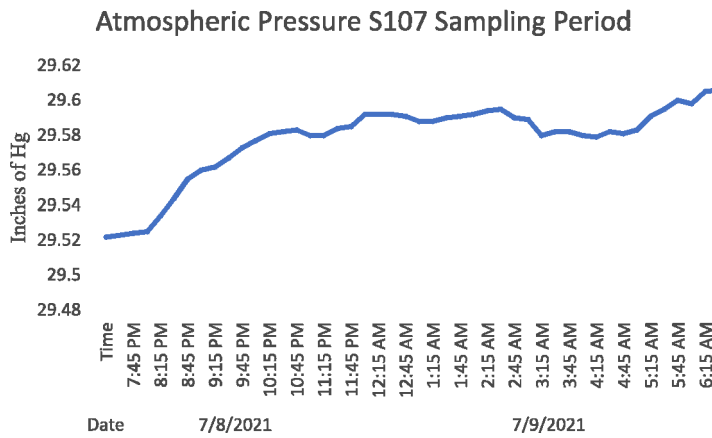
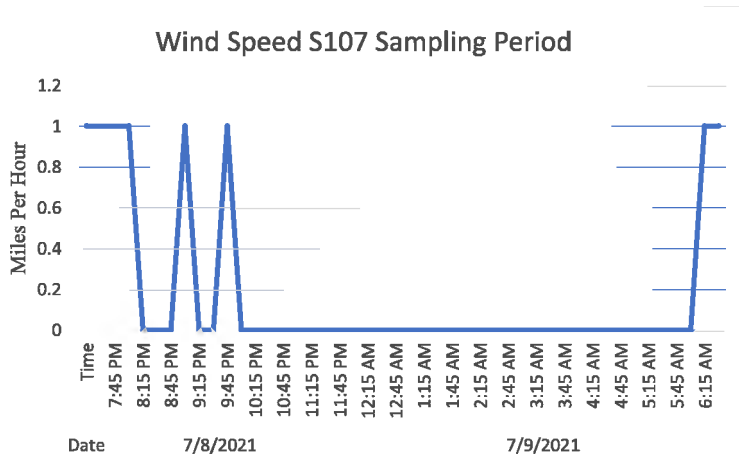


ATTACHMENT 3 – Weather Graphs

Canister S107 Sampling Period Weather (7/8-9/21)

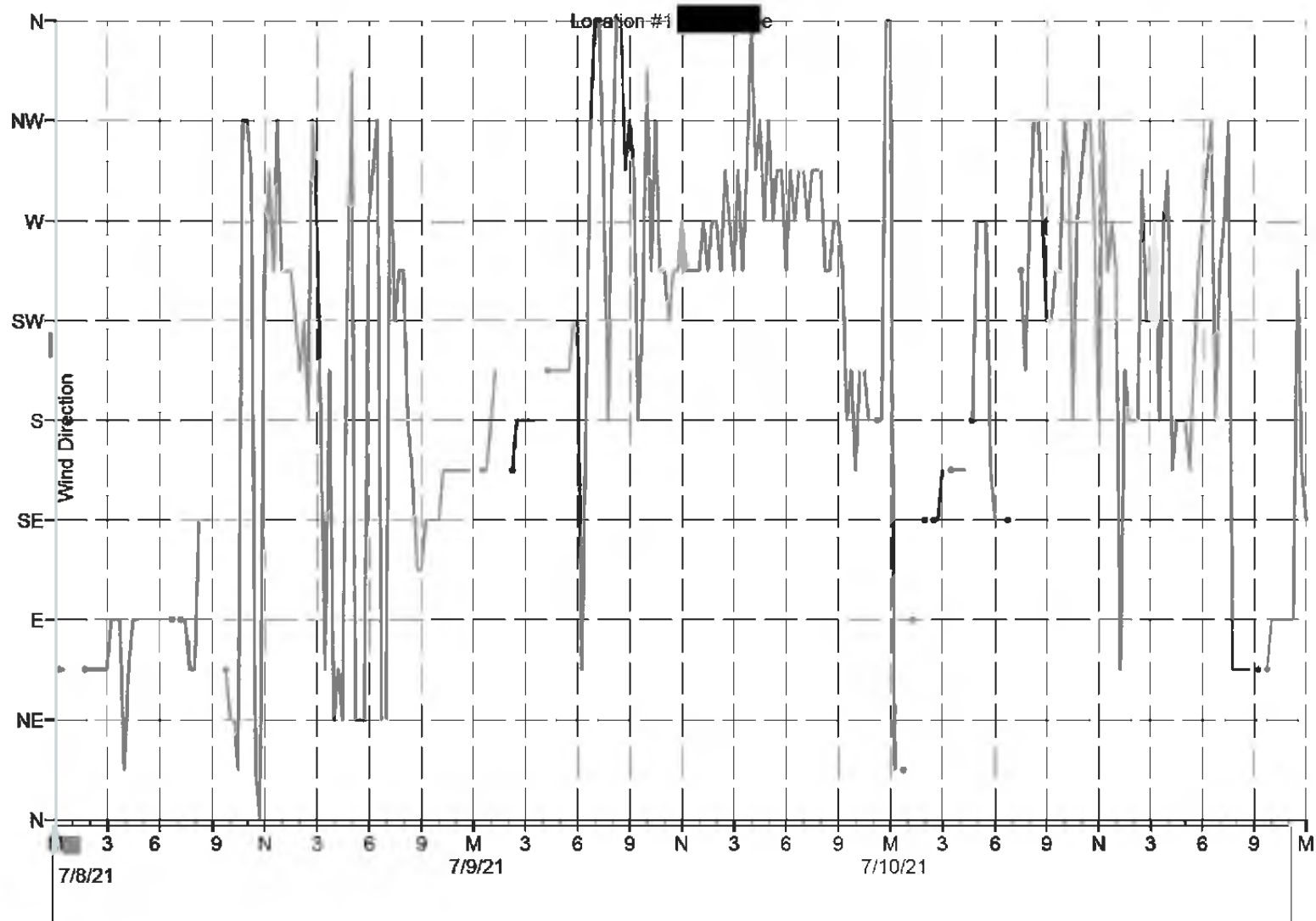


ATTACHMENT 3 – Weather Graphs



ATTACHMENT 3 – Weather Graphs

S107 (7/8-9/21)



ATTACHMENT 4

WEATHER STATION DATA – JUNE 15 TO JULY 22, 2021

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/15/2021	8:15 PM	72.3	73.8	72.3	52	53.7	2	N	0.5	9	NNE	72.3	71.7	71.7
6/15/2021	8:30 PM	71	72.3	71	54	53.5	1	ENE	0.25	5	NE	71	70	70
6/15/2021	8:45 PM	70	71	70	56	53.6	1	W	0.25	8	NW	70	69	69
6/15/2021	9:00 PM	69.3	70	69.3	57	53.4	1	W	0.25	6	W	69.3	68.5	68.5
6/15/2021	9:15 PM	68.4	69.4	68.4	61	54.4	0	W	0	2	W	68.4	68	68
6/15/2021	9:30 PM	66.5	68.3	66.5	65	54.4	1	SW	0.25	2	W	66.5	66.2	66.2
6/15/2021	9:45 PM	64.9	66.5	64.9	68	54.1	0	---	0	0	---	64.9	64.5	64.5
6/15/2021	10:00 PM	63.8	65	63.8	71	54.2	0	E	0	2	SW	63.8	63.4	63.4
6/15/2021	10:15 PM	62.9	63.8	62.9	75	54.9	0	E	0	1	E	62.9	62.7	62.7
6/15/2021	10:30 PM	62.2	62.9	62.2	77	54.9	0	---	0	0	---	62.2	62.1	62.1
6/15/2021	10:45 PM	61	62.2	61	79	54.4	1	ENE	0.25	3	ENE	61	60.8	60.8
6/15/2021	11:00 PM	61.1	61.2	60.9	79	54.5	1	SSE	0.25	2	SSE	61.1	61	61
6/15/2021	11:15 PM	61	61.3	61	78	54.1	0	E	0	2	SE	61	60.8	60.8
6/15/2021	11:30 PM	60.4	61	60.4	80	54.2	0	E	0	2	E	60.4	60.2	60.2
6/15/2021	11:45 PM	59.1	60.4	59.1	83	53.9	0	E	0	2	E	59.1	59	59
6/16/2021	12:00 AM	58.9	59.1	58.8	82	53.4	0	---	0	0	---	58.9	58.7	58.7
6/16/2021	12:15 AM	58.9	59.2	58.9	83	53.7	0	E	0	2	E	58.9	58.8	58.8
6/16/2021	12:30 AM	59.1	59.1	58.7	84	54.3	0	E	0	1	E	59.1	59	59
6/16/2021	12:45 AM	59.1	59.1	59	84	54.3	0	E	0	1	E	59.1	59	59
6/16/2021	1:00 AM	59	59.3	59	85	54.5	0	---	0	0	---	59	58.9	58.9
6/16/2021	1:15 AM	58.6	59	58.6	85	54.1	0	---	0	0	---	58.6	58.5	58.5
6/16/2021	1:30 AM	57.7	58.6	57.7	87	53.9	0	---	0	0	---	57.7	57.7	57.7
6/16/2021	1:45 AM	56.8	57.6	56.8	89	53.6	0	---	0	0	---	56.8	56.8	56.8
6/16/2021	2:00 AM	56.8	56.9	56.7	90	53.9	0	---	0	0	---	56.8	56.9	56.9
6/16/2021	2:15 AM	56.5	56.8	56.5	90	53.6	0	---	0	0	---	56.5	56.6	56.6
6/16/2021	2:30 AM	55.8	56.5	55.8	91	53.2	0	E	0	2	E	55.8	55.9	55.9
6/16/2021	2:45 AM	55.9	56	55.8	92	53.6	0	---	0	0	---	55.9	56.1	56.1
6/16/2021	3:00 AM	55.7	55.9	55.6	92	53.4	0	E	0	2	E	55.7	55.9	55.9
6/16/2021	3:15 AM	55.9	56	55.7	92	53.6	0	E	0	1	E	55.9	56.1	56.1
6/16/2021	3:30 AM	55.5	55.9	55.5	93	53.5	0	E	0	1	E	55.5	55.7	55.7
6/16/2021	3:45 AM	56	56	55.5	94	54.3	0	E	0	2	E	56	56.3	56.3
6/16/2021	4:00 AM	56.4	56.4	56	93	54.4	0	---	0	0	---	56.4	56.6	56.6
6/16/2021	4:15 AM	56.5	56.5	56.3	93	54.5	0	---	0	0	---	56.5	56.7	56.7
6/16/2021	4:30 AM	56.1	56.5	56.1	92	53.8	0	---	0	0	---	56.1	56.3	56.3
6/16/2021	4:45 AM	55.4	56	55.3	94	53.7	0	---	0	0	---	55.4	55.7	55.7
6/16/2021	5:00 AM	55.3	55.4	55.2	94	53.6	0	E	0	1	E	55.3	55.6	55.6
6/16/2021	5:15 AM	55.3	55.5	55.3	93	53.3	0	---	0	0	---	55.3	55.5	55.5
6/16/2021	5:30 AM	54.6	55.3	54.6	94	52.9	0	E	0	2	E	54.6	54.9	54.9
6/16/2021	5:45 AM	54.8	54.8	54.6	94	53.1	1	E	0.25	2	E	54.8	55.1	55.1

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/15/2021	8:15 PM	29.555	0	0	0	0.076	79	44	55.2	78.3	8.17	0.0717	256	7	86.2	15
6/15/2021	8:30 PM	29.56	0	0	0	0.063	78	45	54.9	77.3	8.39	0.0718	300	7	100	15
6/15/2021	8:45 PM	29.563	0	0	0	0.052	77.8	46	55.4	77.3	8.49	0.0719	306	7	100	15
6/15/2021	9:00 PM	29.568	0	0	0	0.045	77.2	47	55.4	76.8	8.71	0.072	304	7	100	15
6/15/2021	9:15 PM	29.572	0	0	0	0.035	75.5	48	54.4	75.2	8.94	0.0722	306	7	100	15
6/15/2021	9:30 PM	29.578	0	0	0	0.016	73.5	51	54.3	73.2	9.38	0.0725	305	7	100	15
6/15/2021	9:45 PM	29.58	0	0	0.001	0	72.2	54	54.6	71.7	9.91	0.0727	306	7	100	15
6/15/2021	10:00 PM	29.582	0	0	0.013	0	71.5	56	55	70.9	10.32	0.0728	301	7	100	15
6/15/2021	10:15 PM	29.583	0	0	0.022	0	70.3	58	54.8	69.6	10.74	0.073	304	7	100	15
6/15/2021	10:30 PM	29.585	0	0	0.029	0	70.6	58	55.1	69.9	10.73	0.0729	304	7	100	15
6/15/2021	10:45 PM	29.595	0	0	0.042	0	71.1	58	55.6	70.5	10.71	0.0728	303	7	100	15
6/15/2021	11:00 PM	29.598	0	0	0.041	0	71.3	58	55.8	70.8	10.7	0.0728	300	7	100	15
6/15/2021	11:15 PM	29.603	0	0	0.042	0	71.4	57	55.4	70.8	10.49	0.0728	301	7	100	15
6/15/2021	11:30 PM	29.604	0	0	0.048	0	71.5	57	55.5	71	10.49	0.0728	303	7	100	15
6/15/2021	11:45 PM	29.601	0	0	0.061	0	71.5	58	55.9	71.1	10.69	0.0728	305	7	100	15
6/16/2021	12:00 AM	29.601	0	0	0.064	0	71.3	58	55.8	70.8	10.7	0.0728	306	7	100	15
6/16/2021	12:15 AM	29.602	0	0	0.064	0	71	58	55.5	70.4	10.71	0.0729	302	7	100	15
6/16/2021	12:30 AM	29.601	0	0	0.061	0	71	58	55.5	70.4	10.71	0.0729	303	7	100	15
6/16/2021	12:45 AM	29.605	0	0	0.061	0	70.9	58	55.4	70.3	10.71	0.0729	304	7	100	15
6/16/2021	1:00 AM	29.609	0	0	0.063	0	70.9	58	55.4	70.3	10.71	0.0729	305	7	100	15
6/16/2021	1:15 AM	29.611	0	0	0.067	0	70.8	58	55.3	70.2	10.72	0.0729	306	7	100	15
6/16/2021	1:30 AM	29.612	0	0	0.076	0	70.5	59	55.5	69.9	10.93	0.073	306	7	100	15
6/16/2021	1:45 AM	29.612	0	0	0.085	0	70.1	59	55.1	69.4	10.95	0.073	302	7	100	15
6/16/2021	2:00 AM	29.612	0	0	0.085	0	69.9	60	55.4	69.3	11.05	0.0731	302	7	100	15
6/16/2021	2:15 AM	29.612	0	0	0.089	0	69.7	60	55.2	69.2	11.05	0.0731	303	7	100	15
6/16/2021	2:30 AM	29.614	0	0	0.096	0	69.4	60	54.9	68.9	11.05	0.0732	303	7	100	15
6/16/2021	2:45 AM	29.618	0	0	0.095	0	69	61	55	68.7	11.25	0.0732	303	7	100	15
6/16/2021	3:00 AM	29.619	0	0	0.097	0	68.9	61	54.9	68.6	11.25	0.0732	300	7	100	15
6/16/2021	3:15 AM	29.619	0	0	0.095	0	68.9	61	54.9	68.6	11.25	0.0732	303	7	100	15
6/16/2021	3:30 AM	29.62	0	0	0.099	0	68.8	61	54.8	68.5	11.25	0.0733	305	7	100	15
6/16/2021	3:45 AM	29.619	0	0	0.094	0	69	61	55	68.7	11.25	0.0732	296	7	99.7	15
6/16/2021	4:00 AM	29.62	0	0	0.09	0	69.1	62	55.5	68.8	11.37	0.0732	297	7	100	15
6/16/2021	4:15 AM	29.621	0	0	0.089	0	69	62	55.4	68.8	11.37	0.0732	301	7	100	15
6/16/2021	4:30 AM	29.62	0	0	0.093	0	68.9	62	55.3	68.7	11.37	0.0732	299	7	100	15
6/16/2021	4:45 AM	29.622	0	0	0.1	0	68.6	62	55.1	68.3	11.38	0.0733	299	7	100	15
6/16/2021	5:00 AM	29.629	0	0	0.101	0	68.5	62	55	68.2	11.38	0.0733	302	7	100	15
6/16/2021	5:15 AM	29.631	0	0	0.101	0	68.3	62	54.8	68	11.38	0.0734	300	7	100	15
6/16/2021	5:30 AM	29.636	0	0	0.108	0	68	62	54.5	67.7	11.39	0.0734	299	7	100	15
6/16/2021	5:45 AM	29.637	0	0	0.106	0	68	62	54.5	67.7	11.39	0.0734	298	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/16/2021	6:00 AM	54.9	55	54.8	94	53.2	1	E	0.25	2	E	54.9	55.2	55.2
6/16/2021	6:15 AM	54.7	54.9	54.6	93	52.7	0	E	0	1	E	54.7	54.9	54.9
6/16/2021	6:30 AM	54.1	54.6	54.1	94	52.4	0	---	0	0	---	54.1	54.4	54.4
6/16/2021	6:45 AM	54	54	53.8	95	52.6	0	---	0	0	---	54	54.3	54.3
6/16/2021	7:00 AM	54.8	54.8	54	96	53.7	0	---	0	0	---	54.8	55.2	55.2
6/16/2021	7:15 AM	55.9	55.9	54.8	95	54.5	0	---	0	0	---	55.9	56.2	56.2
6/16/2021	7:30 AM	57.6	57.6	55.9	92	55.3	0	---	0	0	---	57.6	57.8	57.8
6/16/2021	7:45 AM	59.3	59.3	57.6	88	55.7	0	---	0	0	---	59.3	59.4	59.4
6/16/2021	8:00 AM	61.2	61.3	59.3	86	57	0	E	0	1	E	61.2	61.4	61.4
6/16/2021	8:15 AM	62.1	62.1	61.3	83	56.9	0	SSE	0	3	SSE	62.1	62.3	62.3
6/16/2021	8:30 AM	62.4	62.4	62.1	82	56.8	0	SW	0	1	SW	62.4	62.6	62.6
6/16/2021	8:45 AM	62.9	62.9	62.4	83	57.7	0	WNW	0	2	WNW	62.9	63.2	63.2
6/16/2021	9:00 AM	63.8	63.8	62.9	78	56.8	0	SW	0	3	W	63.8	64	64
6/16/2021	9:15 AM	64.7	64.7	63.8	74	56.2	1	NNW	0.25	3	NW	64.7	64.7	64.7
6/16/2021	9:30 AM	65.1	65.2	64.8	76	57.3	1	SW	0.25	4	NW	65.1	65.3	65.3
6/16/2021	9:45 AM	66.1	66.1	65	77	58.7	1	S	0.25	5	NW	66.1	66.6	66.6
6/16/2021	10:00 AM	66.7	66.7	66.1	73	57.8	1	SSW	0.25	3	S	66.7	67	67
6/16/2021	10:15 AM	67.9	67.9	66.6	71	58.1	1	NNW	0.25	4	NNW	67.9	68.3	68.3
6/16/2021	10:30 AM	69.4	69.4	67.9	72	60	1	W	0.25	4	S	69.4	70	70
6/16/2021	10:45 AM	70.2	70.4	69.4	63	57	2	N	0.5	9	N	70.2	69.9	69.9
6/16/2021	11:00 AM	71.6	71.9	70.2	58	56	3	ENE	0.75	13	W	71.6	71.2	71.2
6/16/2021	11:15 AM	71.9	71.9	71.3	58	56.3	3	NNE	0.75	11	NW	71.9	71.6	71.6
6/16/2021	11:30 AM	72.7	72.7	71.9	59	57.5	2	NW	0.5	9	NNW	72.7	72.7	72.7
6/16/2021	11:45 AM	72	72.9	72	57	55.9	3	WSW	0.75	11	SW	72	71.7	71.7
6/16/2021	12:00 PM	73.1	73.2	72	53	54.9	3	NNE	0.75	16	NE	73.1	72.9	72.9
6/16/2021	12:15 PM	73.1	73.3	73	54	55.5	5	NW	1.25	16	NE	73.1	72.9	72.9
6/16/2021	12:30 PM	73.3	73.5	73	52	54.6	4	NE	1	13	NNE	73.3	73	73
6/16/2021	12:45 PM	74.5	74.5	73.3	52	55.7	4	NE	1	13	NE	74.5	74.5	74.5
6/16/2021	1:00 PM	72.6	74.4	72.4	53	54.5	4	E	1	12	ENE	72.6	72.2	72.2
6/16/2021	1:15 PM	74.6	74.6	72.7	50	54.7	3	ENE	0.75	9	NE	74.6	74.5	74.5
6/16/2021	1:30 PM	74.8	74.9	74.5	50	54.9	3	ENE	0.75	11	WNW	74.8	74.7	74.7
6/16/2021	1:45 PM	75.4	75.4	74.7	54	57.6	3	ENE	0.75	10	ENE	75.4	75.5	75.5
6/16/2021	2:00 PM	74.8	75.8	74.8	50	54.9	3	NNW	0.75	13	WNW	74.8	74.7	74.7
6/16/2021	2:15 PM	75.6	75.6	74.6	49	55.1	3	WNW	0.75	14	WSW	75.6	75.4	75.4
6/16/2021	2:30 PM	74.9	76.6	74.9	48	53.9	2	WSW	0.5	10	WSW	74.9	74.6	74.6
6/16/2021	2:45 PM	74.2	75.1	74.2	51	54.9	2	NNE	0.5	7	NNE	74.2	74.1	74.1
6/16/2021	3:00 PM	74.8	74.8	73.7	48	53.8	4	NNE	1	14	NNE	74.8	74.5	74.5
6/16/2021	3:15 PM	75.2	76.2	74.9	45	52.4	3	NE	0.75	10	NNE	75.2	74.6	74.6
6/16/2021	3:30 PM	74	75.1	73.9	50	54.2	4	ENE	1	16	E	74	73.8	73.8

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/16/2021	6:00 AM	29.639	0	0	0.105	0	67.8	62	54.3	67.4	11.39	0.0735	296	7	99.7	15
6/16/2021	6:15 AM	29.646	0	0	0.107	0	67.6	62	54.1	67.2	11.4	0.0735	298	7	100	15
6/16/2021	6:30 AM	29.65	0	0	0.114	0	67.4	62	53.9	67	11.4	0.0736	300	7	100	15
6/16/2021	6:45 AM	29.65	0	0	0.115	0	67.3	63	54.3	66.9	11.6	0.0736	290	7	97.6	15
6/16/2021	7:00 AM	29.654	0	0	0.106	0	67.3	63	54.3	66.9	11.6	0.0736	301	7	100	15
6/16/2021	7:15 AM	29.657	0	0	0.095	0	67.5	64	54.9	67.3	11.7	0.0735	302	7	100	15
6/16/2021	7:30 AM	29.658	0	0	0.077	0	67.7	64	55.1	67.5	11.7	0.0735	300	7	100	15
6/16/2021	7:45 AM	29.657	0	0	0.059	0	67.9	65	55.7	67.8	11.89	0.0734	297	7	100	15
6/16/2021	8:00 AM	29.662	0	0	0.04	0	68.4	65	56.2	68.3	11.88	0.0734	300	7	100	15
6/16/2021	8:15 AM	29.66	0	0	0.03	0	69.1	64	56.4	69	11.67	0.0732	304	7	100	15
6/16/2021	8:30 AM	29.66	0	0	0.027	0	69.7	64	57	69.5	11.66	0.0731	298	7	100	15
6/16/2021	8:45 AM	29.664	0	0	0.022	0	70.3	64	57.5	70.1	11.65	0.073	303	7	100	15
6/16/2021	9:00 AM	29.667	0	0	0.013	0	70.9	63	57.7	70.7	11.53	0.073	300	7	100	15
6/16/2021	9:15 AM	29.67	0	0	0.003	0	71.6	63	58.3	71.6	11.52	0.0728	297	7	100	15
6/16/2021	9:30 AM	29.671	0	0	0	0.001	72.3	63	59	72.5	11.5	0.0727	300	7	100	15
6/16/2021	9:45 AM	29.67	0	0	0	0.011	72.8	62	59	73.1	11.29	0.0727	303	7	100	15
6/16/2021	10:00 AM	29.668	0	0	0	0.018	73.5	62	59.7	74	11.28	0.0725	301	7	100	15
6/16/2021	10:15 AM	29.662	0	0	0	0.03	75.4	61	61	75.9	11.04	0.0722	300	7	100	15
6/16/2021	10:30 AM	29.662	0	0	0	0.046	77.7	59	62.2	78.3	10.64	0.0718	303	7	100	15
6/16/2021	10:45 AM	29.656	0	0	0	0.054	79.4	57	62.8	80.2	10.17	0.0715	304	7	100	15
6/16/2021	11:00 AM	29.656	0	0	0	0.069	80.8	55	63.1	81.7	9.85	0.0713	300	7	100	15
6/16/2021	11:15 AM	29.656	0	0	0	0.072	81.7	52	62.4	82.5	9.42	0.0713	307	7	100	15
6/16/2021	11:30 AM	29.656	0	0	0	0.08	82.9	50	62.4	83.7	9.09	0.0711	303	7	100	15
6/16/2021	11:45 AM	29.664	0	0	0	0.073	83.8	50	63.2	84.9	9.07	0.071	306	7	100	15
6/16/2021	12:00 PM	29.666	0	0	0	0.084	84.4	47	62	85.1	8.56	0.071	307	7	100	15
6/16/2021	12:15 PM	29.666	0	0	0	0.084	85.1	47	62.6	86	8.55	0.0708	305	7	100	15
6/16/2021	12:30 PM	29.663	0	0	0	0.086	85.5	46	62.4	86.3	8.44	0.0708	306	7	100	15
6/16/2021	12:45 PM	29.66	0	0	0	0.099	86.2	44	61.7	86.7	8.13	0.0707	306	7	100	15
6/16/2021	1:00 PM	29.655	0	0	0	0.079	85.7	45	61.9	86.3	8.24	0.0708	304	7	100	15
6/16/2021	1:15 PM	29.643	0	0	0	0.1	86.6	44	62.1	87.3	8.12	0.0706	307	7	100	15
6/16/2021	1:30 PM	29.638	0	0	0	0.102	87.5	43	62.2	88.3	7.95	0.0705	302	7	100	15
6/16/2021	1:45 PM	29.635	0	0	0	0.108	88	43	62.7	89	7.95	0.0704	303	7	100	15
6/16/2021	2:00 PM	29.638	0	0	0	0.102	88.6	41	61.9	89.3	7.65	0.0704	304	7	100	15
6/16/2021	2:15 PM	29.635	0	0	0	0.11	89	42	62.9	90.1	7.77	0.0702	304	7	100	15
6/16/2021	2:30 PM	29.636	0	0	0	0.103	89.3	41	62.5	90.3	7.65	0.0702	304	7	100	15
6/16/2021	2:45 PM	29.636	0	0	0	0.096	88.8	41	62.1	89.5	7.65	0.0703	303	7	100	15
6/16/2021	3:00 PM	29.632	0	0	0	0.102	87.9	40	60.6	88	7.49	0.0705	306	7	100	15
6/16/2021	3:15 PM	29.627	0	0	0	0.106	88.7	40	61.3	89.1	7.48	0.0703	305	7	100	15
6/16/2021	3:30 PM	29.629	0	0	0	0.094	88.1	39	60	88	7.29	0.0705	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/16/2021	3:45 PM	75.4	75.7	74	45	52.6	2	WNW	0.5	8	ENE	75.4	74.8	74.8
6/16/2021	4:00 PM	76.4	76.4	74.4	46	54.1	3	N	0.75	12	NE	76.4	75.9	75.9
6/16/2021	4:15 PM	75.4	77	75.4	46	53.2	3	N	0.75	10	N	75.4	74.9	74.9
6/16/2021	4:30 PM	76.4	76.4	75.5	46	54.1	5	ENE	1.25	15	SW	76.4	75.9	75.9
6/16/2021	4:45 PM	76.4	76.7	76.3	44	52.9	3	W	0.75	10	NW	76.4	75.7	75.7
6/16/2021	5:00 PM	76.9	77.2	76.4	44	53.3	3	WNW	0.75	9	WNW	76.9	76.2	76.2
6/16/2021	5:15 PM	77.2	77.2	76.6	47	55.4	3	NW	0.75	9	ESE	77.2	76.8	76.8
6/16/2021	5:30 PM	76.6	77.1	76.2	45	53.7	4	WNW	1	12	ENE	76.6	76	76
6/16/2021	5:45 PM	75.9	76.9	75.6	44	52.4	3	ENE	0.75	10	NNE	75.9	75.2	75.2
6/16/2021	6:00 PM	76.5	76.6	75.8	44	53	3	N	0.75	9	NNE	76.5	75.8	75.8
6/16/2021	6:15 PM	76.5	76.9	76.5	44	53	3	NNE	0.75	9	NE	76.5	75.8	75.8
6/16/2021	6:30 PM	76.1	76.5	75.3	47	54.4	2	ENE	0.5	10	NE	76.1	75.7	75.7
6/16/2021	6:45 PM	76.8	76.8	76.1	46	54.5	2	W	0.5	8	WNW	76.8	76.3	76.3
6/16/2021	7:00 PM	76.6	77.1	76.6	45	53.7	2	NE	0.5	8	NNW	76.6	76	76
6/16/2021	7:15 PM	75	76.5	74.9	45	52.2	3	W	0.75	9	ENE	75	74.4	74.4
6/16/2021	7:30 PM	74.2	75	74.2	46	52.1	3	NW	0.75	10	N	74.2	73.6	73.6
6/16/2021	7:45 PM	74	74.4	74	45	51.3	2	ENE	0.5	10	NW	74	73.3	73.3
6/16/2021	8:00 PM	73.5	73.9	73.5	48	52.6	2	ENE	0.5	10	WNW	73.5	73	73
6/16/2021	8:15 PM	71.9	73.5	71.9	47	50.6	2	ENE	0.5	11	NE	71.9	70.7	70.7
6/16/2021	8:30 PM	70.6	71.9	70.6	49	50.5	2	ENE	0.5	7	NNE	70.6	69	69
6/16/2021	8:45 PM	69.8	70.7	69.8	50	50.3	2	ENE	0.5	6	ESE	69.8	68.1	68.1
6/16/2021	9:00 PM	69	69.9	69	52	50.6	2	ENE	0.5	6	ESE	69	67.7	67.7
6/16/2021	9:15 PM	68.2	69	68.2	53	50.4	1	ENE	0.25	2	ENE	68.2	67.1	67.1
6/16/2021	9:30 PM	66.7	68.2	66.7	56	50.5	0	ENE	0	2	ENE	66.7	65.7	65.7
6/16/2021	9:45 PM	64.9	66.7	64.9	62	51.6	0	E	0	1	E	64.9	64.1	64.1
6/16/2021	10:00 PM	63.6	64.9	63.6	63	50.8	0	E	0	2	E	63.6	62.7	62.7
6/16/2021	10:15 PM	62.5	63.6	62.5	63	49.7	1	E	0.25	3	ENE	62.5	61.5	61.5
6/16/2021	10:30 PM	62.5	62.8	62.5	67	51.4	0	E	0	2	E	62.5	61.8	61.8
6/16/2021	10:45 PM	61	62.4	61	65	49.1	0	ENE	0	4	ENE	61	60	60
6/16/2021	11:00 PM	60.1	61.1	60.1	71	50.7	0	ENE	0	1	ENE	60.1	59.4	59.4
6/16/2021	11:15 PM	59.8	60.1	59.5	67	48.8	0	ENE	0	2	ENE	59.8	58.8	58.8
6/16/2021	11:30 PM	59.6	59.9	59.6	70	49.8	0	ENE	0	1	ENE	59.6	58.8	58.8
6/16/2021	11:45 PM	58.3	59.5	58.3	75	50.4	1	ENE	0.25	3	ENE	58.3	57.7	57.7
6/17/2021	12:00 AM	57.9	58.2	57.8	76	50.4	0	ENE	0	2	ENE	57.9	57.4	57.4
6/17/2021	12:15 AM	57.8	57.9	57.6	75	49.9	0	ENE	0	2	ENE	57.8	57.2	57.2
6/17/2021	12:30 AM	57.9	58.1	57.8	76	50.4	0	ENE	0	2	ENE	57.9	57.4	57.4
6/17/2021	12:45 AM	56.9	57.9	56.9	77	49.8	0	ENE	0	2	ENE	56.9	56.4	56.4
6/17/2021	1:00 AM	55.6	56.9	55.6	77	48.5	0	ENE	0	2	ENE	55.6	55.1	55.1
6/17/2021	1:15 AM	56	56	55.4	80	49.9	0	ENE	0	3	ENE	56	55.7	55.7

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/16/2021	3:45 PM	29.625	0	0	0	0.108	88.2	40	60.8	88.4	7.49	0.0704	304	7	100	15
6/16/2021	4:00 PM	29.621	0	0	0	0.119	88	39	59.9	87.9	7.29	0.0705	305	7	100	15
6/16/2021	4:15 PM	29.618	0	0	0	0.108	88.4	39	60.3	88.4	7.28	0.0704	305	7	100	15
6/16/2021	4:30 PM	29.616	0	0	0	0.119	88.2	38	59.4	87.9	7.19	0.0705	304	7	100	15
6/16/2021	4:45 PM	29.62	0	0	0	0.119	88	38	59.2	87.6	7.19	0.0705	304	7	100	15
6/16/2021	5:00 PM	29.622	0	0	0	0.124	87.5	39	59.5	87.2	7.3	0.0706	305	7	100	15
6/16/2021	5:15 PM	29.611	0	0	0	0.127	87.1	39	59.1	86.7	7.31	0.0706	306	7	100	15
6/16/2021	5:30 PM	29.607	0	0	0	0.121	86.5	39	58.6	85.9	7.32	0.0707	304	7	100	15
6/16/2021	5:45 PM	29.607	0	0	0	0.114	86	39	58.2	85.3	7.33	0.0708	300	7	100	15
6/16/2021	6:00 PM	29.599	0	0	0	0.12	85.5	39	57.7	84.7	7.34	0.0708	304	7	100	15
6/16/2021	6:15 PM	29.595	0	0	0	0.12	85.2	39	57.4	84.4	7.35	0.0709	304	7	100	15
6/16/2021	6:30 PM	29.594	0	0	0	0.116	84.9	39	57.2	84	7.35	0.0709	305	7	100	15
6/16/2021	6:45 PM	29.606	0	0	0	0.123	84.8	39	57.1	83.9	7.35	0.071	304	7	100	15
6/16/2021	7:00 PM	29.617	0	0	0	0.121	84.7	39	57	83.8	7.36	0.071	305	7	100	15
6/16/2021	7:15 PM	29.619	0	0	0	0.104	84.6	39	56.9	83.7	7.36	0.071	304	7	100	15
6/16/2021	7:30 PM	29.618	0	0	0	0.096	84.3	39	56.6	83.3	7.36	0.0711	305	7	100	15
6/16/2021	7:45 PM	29.623	0	0	0	0.094	83.9	38	55.6	82.7	7.25	0.0712	305	7	100	15
6/16/2021	8:00 PM	29.627	0	0	0	0.089	83.3	38	55	82.1	7.25	0.0713	304	7	100	15
6/16/2021	8:15 PM	29.629	0	0	0	0.072	82.8	38	54.6	81.5	7.25	0.0714	304	7	100	15
6/16/2021	8:30 PM	29.629	0	0	0	0.058	82.3	38	54.2	81	7.25	0.0715	304	7	100	15
6/16/2021	8:45 PM	29.63	0	0	0	0.05	81.7	38	53.6	80.3	7.25	0.0716	305	7	100	15
6/16/2021	9:00 PM	29.631	0	0	0	0.042	81	38	53	79.6	7.25	0.0717	302	7	100	15
6/16/2021	9:15 PM	29.634	0	0	0	0.033	80.3	39	53.1	78.9	7.44	0.0718	303	7	100	15
6/16/2021	9:30 PM	29.636	0	0	0	0.018	79.4	39	52.3	78.1	7.46	0.0719	304	7	100	15
6/16/2021	9:45 PM	29.641	0	0	0.001	0	78.5	40	52.2	77.3	7.58	0.0721	301	7	100	15
6/16/2021	10:00 PM	29.641	0	0	0.015	0	77.6	40	51.4	76.4	7.6	0.0722	304	7	100	15
6/16/2021	10:15 PM	29.645	0	0	0.026	0	76.7	41	51.2	75.7	7.75	0.0724	303	7	100	15
6/16/2021	10:30 PM	29.644	0	0	0.026	0	76.1	41	50.7	75.1	7.75	0.0725	303	7	100	15
6/16/2021	10:45 PM	29.649	0	0	0.042	0	75.6	43	51.5	74.8	8.05	0.0725	304	7	100	15
6/16/2021	11:00 PM	29.651	0	0	0.051	0	75.1	43	51.1	74.3	8.05	0.0726	304	7	100	15
6/16/2021	11:15 PM	29.65	0	0	0.054	0	74.8	43	50.8	74	8.06	0.0727	305	7	100	15
6/16/2021	11:30 PM	29.657	0	0	0.056	0	74.2	44	50.9	73.4	8.27	0.0727	302	7	100	15
6/16/2021	11:45 PM	29.665	0	0	0.07	0	73.7	45	51	72.9	8.45	0.0728	304	7	100	15
6/17/2021	12:00 AM	29.662	0	0	0.074	0	73	45	50.4	72.1	8.45	0.0729	305	7	100	15
6/17/2021	12:15 AM	29.66	0	0	0.075	0	72.5	46	50.5	71.4	8.6	0.073	302	7	100	15
6/17/2021	12:30 AM	29.664	0	0	0.074	0	72.1	46	50.2	70.8	8.61	0.0731	305	7	100	15
6/17/2021	12:45 AM	29.665	0	0	0.084	0	71.8	47	50.5	70.5	8.75	0.0731	303	7	100	15
6/17/2021	1:00 AM	29.666	0	0	0.098	0	71.5	47	50.2	70.1	8.75	0.0732	302	7	100	15
6/17/2021	1:15 AM	29.666	0	0	0.094	0	71	48	50.3	69.5	8.87	0.0732	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/17/2021	1:30 AM	56.4	56.4	55.9	79	50	0	ENE	0	1	ENE	56.4	56	56
6/17/2021	1:45 AM	56.2	56.5	56.2	79	49.8	0	ENE	0	2	ENE	56.2	55.8	55.8
6/17/2021	2:00 AM	55.4	56.2	55.4	81	49.7	0	ENE	0	2	ENE	55.4	55.1	55.1
6/17/2021	2:15 AM	54.5	55.4	54.5	82	49.1	0	ENE	0	2	ENE	54.5	54.3	54.3
6/17/2021	2:30 AM	53.4	54.5	53.4	84	48.7	0	E	0	2	E	53.4	53.3	53.3
6/17/2021	2:45 AM	53.1	53.4	53	84	48.4	0	E	0	2	E	53.1	53	53
6/17/2021	3:00 AM	53.3	53.4	53.1	85	48.9	0	E	0	2	E	53.3	53.2	53.2
6/17/2021	3:15 AM	53.3	53.4	53.2	85	48.9	0	E	0	2	E	53.3	53.2	53.2
6/17/2021	3:30 AM	52.9	53.4	52.9	85	48.5	0	E	0	1	E	52.9	52.8	52.8
6/17/2021	3:45 AM	51.6	52.9	51.6	86	47.5	0	E	0	1	E	51.6	51.6	51.6
6/17/2021	4:00 AM	50.8	51.6	50.8	89	47.7	1	E	0.25	2	E	50.8	51	51
6/17/2021	4:15 AM	50.7	50.8	50.5	89	47.6	0	E	0	2	E	50.7	50.9	50.9
6/17/2021	4:30 AM	51.2	51.2	50.6	87	47.5	0	---	0	0	---	51.2	51.3	51.3
6/17/2021	4:45 AM	50.6	51.3	50.6	89	47.5	0	E	0	2	E	50.6	50.8	50.8
6/17/2021	5:00 AM	50.8	50.9	50.6	88	47.4	0	E	0	1	E	50.8	50.9	50.9
6/17/2021	5:15 AM	50.6	50.9	50.6	87	46.9	0	E	0	2	E	50.6	50.7	50.7
6/17/2021	5:30 AM	50.2	50.6	50.1	90	47.4	0	E	0	2	E	50.2	50.5	50.5
6/17/2021	5:45 AM	50.2	50.2	50.1	89	47.1	1	E	0.25	2	E	50.2	50.4	50.4
6/17/2021	6:00 AM	49	50.1	49	89	45.9	0	E	0	1	E	49	49.3	49.3
6/17/2021	6:15 AM	48.3	49	48.3	92	46.1	1	E	0.25	2	E	48.3	48.6	48.6
6/17/2021	6:30 AM	48.5	48.5	48.2	92	46.3	1	E	0.25	2	E	48.5	48.8	48.8
6/17/2021	6:45 AM	49.1	49.1	48.4	92	46.9	1	E	0.25	3	E	49.1	49.5	49.5
6/17/2021	7:00 AM	49.8	49.8	49.1	91	47.3	1	E	0.25	2	E	49.8	50.1	50.1
6/17/2021	7:15 AM	51	51	49.8	89	47.9	1	E	0.25	2	E	51	51.2	51.2
6/17/2021	7:30 AM	53.4	53.4	51	86	49.3	1	E	0.25	2	E	53.4	53.3	53.3
6/17/2021	7:45 AM	55.9	55.9	53.5	82	50.5	1	ENE	0.25	2	ENE	55.9	55.6	55.6
6/17/2021	8:00 AM	58.8	58.8	55.9	76	51.2	0	ENE	0	2	ENE	58.8	58.3	58.3
6/17/2021	8:15 AM	59.5	59.8	58.8	73	50.8	1	ENE	0.25	2	ENE	59.5	58.8	58.8
6/17/2021	8:30 AM	59.2	59.5	59.1	73	50.5	1	NE	0.25	3	NE	59.2	58.5	58.5
6/17/2021	8:45 AM	59.6	59.6	59.1	73	50.9	1	NE	0.25	3	NNE	59.6	58.9	58.9
6/17/2021	9:00 AM	60.4	60.4	59.6	71	51	1	NE	0.25	4	NE	60.4	59.7	59.7
6/17/2021	9:15 AM	61.4	61.4	60.4	68	50.7	1	ENE	0.25	4	ENE	61.4	60.6	60.6
6/17/2021	9:30 AM	62.2	62.2	61.4	66	50.7	0	ESE	0	1	ESE	62.2	61.4	61.4
6/17/2021	9:45 AM	63.7	63.7	62.2	67	52.5	1	WNW	0.25	3	NW	63.7	63.1	63.1
6/17/2021	10:00 AM	64.7	64.7	63.7	63	51.8	1	WNW	0.25	2	NW	64.7	63.9	63.9
6/17/2021	10:15 AM	65.9	65.9	64.7	60	51.6	0	S	0	3	S	65.9	65	65
6/17/2021	10:30 AM	67.5	67.5	65.9	56	51.2	1	NNW	0.25	4	N	67.5	66.6	66.6
6/17/2021	10:45 AM	69.2	69.2	67.4	52	50.8	1	NNW	0.25	4	NNW	69.2	67.9	67.9
6/17/2021	11:00 AM	69.5	69.8	69.2	49	49.5	2	N	0.5	5	NNW	69.5	67.8	67.8

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/17/2021	1:30 AM	29.668	0	0	0.09	0	70.7	48	50	69.1	8.86	0.0733	304	7	100	15
6/17/2021	1:45 AM	29.667	0	0	0.092	0	70.4	49	50.3	68.8	9.05	0.0733	304	7	100	15
6/17/2021	2:00 AM	29.664	0	0	0.1	0	70.1	49	50	68.4	9.05	0.0734	300	7	100	15
6/17/2021	2:15 AM	29.665	0	0	0.109	0	69.7	49	49.7	68	9.06	0.0734	302	7	100	15
6/17/2021	2:30 AM	29.667	0	0	0.121	0	69.3	50	49.9	67.7	9.26	0.0735	306	7	100	15
6/17/2021	2:45 AM	29.67	0	0	0.124	0	68.7	50	49.3	67.2	9.28	0.0736	304	7	100	15
6/17/2021	3:00 AM	29.67	0	0	0.122	0	68.3	50	48.9	66.9	9.28	0.0737	304	7	100	15
6/17/2021	3:15 AM	29.672	0	0	0.122	0	68.1	51	49.3	66.8	9.49	0.0737	305	7	100	15
6/17/2021	3:30 AM	29.667	0	0	0.126	0	67.9	51	49.1	66.6	9.49	0.0737	304	7	100	15
6/17/2021	3:45 AM	29.67	0	0	0.14	0	67.5	52	49.3	66.3	9.7	0.0738	300	7	100	15
6/17/2021	4:00 AM	29.668	0	0	0.148	0	67.1	52	48.9	65.8	9.71	0.0738	302	7	100	15
6/17/2021	4:15 AM	29.668	0	0	0.149	0	66.7	52	48.5	65.3	9.72	0.0739	303	7	100	15
6/17/2021	4:30 AM	29.674	0	0	0.144	0	66.4	53	48.7	65.1	9.92	0.0739	304	7	100	15
6/17/2021	4:45 AM	29.681	0	0	0.15	0	66	53	48.4	64.6	9.93	0.074	302	7	100	15
6/17/2021	5:00 AM	29.684	0	0	0.148	0	66	53	48.4	64.6	9.93	0.074	307	7	100	15
6/17/2021	5:15 AM	29.69	0	0	0.15	0	65.7	53	48.1	64.3	9.94	0.0741	304	7	100	15
6/17/2021	5:30 AM	29.692	0	0	0.154	0	65.4	53	47.8	63.9	9.94	0.0742	305	7	100	15
6/17/2021	5:45 AM	29.694	0	0	0.154	0	65.2	54	48.1	63.8	10.14	0.0742	305	7	100	15
6/17/2021	6:00 AM	29.694	0	0	0.167	0	65	54	47.9	63.6	10.15	0.0742	302	7	100	15
6/17/2021	6:15 AM	29.697	0	0	0.174	0	64.7	54	47.7	63.3	10.15	0.0743	303	7	100	15
6/17/2021	6:30 AM	29.704	0	0	0.172	0	64.4	54	47.4	62.9	10.15	0.0743	303	7	100	15
6/17/2021	6:45 AM	29.708	0	0	0.166	0	64.1	54	47.1	62.6	10.15	0.0744	303	7	100	15
6/17/2021	7:00 AM	29.711	0	0	0.158	0	64.3	55	47.8	62.9	10.25	0.0744	305	7	100	15
6/17/2021	7:15 AM	29.713	0	0	0.146	0	64.6	55	48.1	63.3	10.25	0.0743	303	7	100	15
6/17/2021	7:30 AM	29.716	0	0	0.121	0	65	55	48.4	63.7	10.25	0.0743	307	7	100	15
6/17/2021	7:45 AM	29.72	0	0	0.095	0	65.3	55	48.7	64	10.24	0.0742	304	7	100	15
6/17/2021	8:00 AM	29.719	0	0	0.065	0	65.7	55	49.1	64.5	10.24	0.0741	303	7	100	15
6/17/2021	8:15 AM	29.723	0	0	0.057	0	66.2	55	49.6	65	10.23	0.0741	305	7	100	15
6/17/2021	8:30 AM	29.721	0	0	0.06	0	66.6	55	49.9	65.5	10.22	0.074	304	7	100	15
6/17/2021	8:45 AM	29.722	0	0	0.056	0	67.1	55	50.4	66.1	10.21	0.0739	305	7	100	15
6/17/2021	9:00 AM	29.724	0	0	0.048	0	67.8	55	51	66.9	10.19	0.0738	305	7	100	15
6/17/2021	9:15 AM	29.729	0	0	0.037	0	68.7	55	51.9	67.7	10.18	0.0737	303	7	100	15
6/17/2021	9:30 AM	29.728	0	0	0.029	0	69.6	54	52.2	68.4	9.97	0.0735	304	7	100	15
6/17/2021	9:45 AM	29.724	0	0	0.014	0	70.4	54	53	69.3	9.94	0.0734	303	7	100	15
6/17/2021	10:00 AM	29.723	0	0	0.003	0	71.3	54	53.8	70.4	9.92	0.0732	305	7	100	15
6/17/2021	10:15 AM	29.72	0	0	0	0.009	72.9	53	54.8	72.6	9.73	0.0729	304	7	100	15
6/17/2021	10:30 AM	29.717	0	0	0	0.026	75	51	55.6	75	9.35	0.0726	298	7	100	15
6/17/2021	10:45 AM	29.715	0	0	0	0.044	77	50	56.9	76.9	9.21	0.0723	302	7	100	15
6/17/2021	11:00 AM	29.715	0	0	0	0.047	78.6	48	57.3	78.3	8.88	0.0721	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/17/2021	11:15 AM	70.3	70.4	69.5	48	49.7	2	NNE	0.5	8	N	70.3	68.5	68.5
6/17/2021	11:30 AM	71	71	70.1	52	52.5	2	WNW	0.5	5	NW	71	69.9	69.9
6/17/2021	11:45 AM	71.4	71.5	71	46	49.5	3	ENE	0.75	9	NE	71.4	69.9	69.9
6/17/2021	12:00 PM	72.5	72.5	71.3	47	51.1	2	WSW	0.5	5	NW	72.5	71.5	71.5
6/17/2021	12:15 PM	72.7	72.7	72.5	46	50.7	3	ENE	0.75	9	NE	72.7	71.7	71.7
6/17/2021	12:30 PM	73	73.3	72.7	43	49.2	4	ENE	1	10	ENE	73	71.9	71.9
6/17/2021	12:45 PM	73.3	73.3	72.6	43	49.4	3	ENE	0.75	9	NE	73.3	72.3	72.3
6/17/2021	1:00 PM	74	74.2	73.3	43	50.1	2	SSW	0.5	8	NNW	74	73.1	73.1
6/17/2021	1:15 PM	74.5	74.5	74	42	49.9	2	N	0.5	5	NW	74.5	73.6	73.6
6/17/2021	1:30 PM	75.3	75.4	74.4	49	54.8	2	S	0.5	6	SSE	75.3	75.1	75.1
6/17/2021	1:45 PM	75.8	76	75.2	38	48.4	2	W	0.5	8	ENE	75.8	74.6	74.6
6/17/2021	2:00 PM	75	75.8	74.7	44	51.6	3	NE	0.75	9	N	75	74.3	74.3
6/17/2021	2:15 PM	75.9	76.2	75	41	50.5	2	ENE	0.5	6	N	75.9	74.9	74.9
6/17/2021	2:30 PM	76.9	77.3	75.9	38	49.4	1	W	0.25	8	E	76.9	75.6	75.6
6/17/2021	2:45 PM	76.7	76.9	76.6	36	47.7	2	N	0.5	5	NNW	76.7	75.3	75.3
6/17/2021	3:00 PM	77.6	77.6	76.7	47	55.8	1	WNW	0.25	7	W	77.6	77.2	77.2
6/17/2021	3:15 PM	78.3	78.3	77.6	38	50.6	2	WSW	0.5	8	NW	78.3	76.9	76.9
6/17/2021	3:30 PM	78.2	78.3	78	39	51.2	2	S	0.5	8	E	78.2	76.9	76.9
6/17/2021	3:45 PM	78.2	78.4	77.7	38	50.5	2	NW	0.5	9	NW	78.2	76.8	76.8
6/17/2021	4:00 PM	77.8	78.4	77.7	40	51.5	3	NW	0.75	9	NE	77.8	76.6	76.6
6/17/2021	4:15 PM	78.3	78.4	77.7	37	49.9	3	NE	0.75	8	WSW	78.3	76.9	76.9
6/17/2021	4:30 PM	79.1	79.1	78.3	42	54	2	WSW	0.5	5	WNW	79.1	78.1	78.1
6/17/2021	4:45 PM	79.4	79.8	79.1	44	55.6	2	WNW	0.5	6	NNW	79.4	78.7	78.7
6/17/2021	5:00 PM	79.8	80.1	79.5	39	52.6	2	NW	0.5	5	NE	79.8	78.4	78.4
6/17/2021	5:15 PM	80.1	80.2	79.8	39	52.9	1	W	0.25	4	E	80.1	78.7	78.7
6/17/2021	5:30 PM	79.5	80.3	79.5	37	50.9	2	NW	0.5	6	E	79.5	78	78
6/17/2021	5:45 PM	79.1	79.6	79	39	52	3	ENE	0.75	8	ENE	79.1	77.8	77.8
6/17/2021	6:00 PM	79.8	79.8	79	41	54	1	NW	0.25	5	NW	79.8	78.7	78.7
6/17/2021	6:15 PM	80.9	80.9	79.8	38	52.9	1	W	0.25	5	S	80.9	79.5	79.5
6/17/2021	6:30 PM	80.8	80.8	80.6	39	53.5	1	NW	0.25	4	SSW	80.8	79.5	79.5
6/17/2021	6:45 PM	80.7	80.8	80.2	39	53.4	1	NW	0.25	4	NW	80.7	79.4	79.4
6/17/2021	7:00 PM	80.8	80.9	80.7	40	54.2	1	N	0.25	3	WNW	80.8	79.6	79.6
6/17/2021	7:15 PM	81.1	81.1	80.7	47	59	0	WSW	0	2	WNW	81.1	80.9	80.9
6/17/2021	7:30 PM	80.7	81.1	80.7	44	56.8	0	WSW	0	2	SSW	80.7	80	80
6/17/2021	7:45 PM	77.8	80.7	77.8	46	55.4	1	ENE	0.25	3	ENE	77.8	77.3	77.3
6/17/2021	8:00 PM	77	77.7	77	49	56.4	0	SW	0	2	ENE	77	76.8	76.8
6/17/2021	8:15 PM	74.8	76.9	74.8	50	54.9	0	SSW	0	2	SSW	74.8	74.7	74.7
6/17/2021	8:30 PM	72.2	74.7	72.2	56	55.6	0	SSW	0	2	SSW	72.2	71.9	71.9
6/17/2021	8:45 PM	70	72.2	70	58	54.5	1	SSW	0.25	2	SSW	70	69.2	69.2

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/17/2021	11:15 AM	29.714	0	0	0	0.055	80	46	57.4	79.6	8.45	0.0719	306	7	100	15
6/17/2021	11:30 AM	29.707	0	0	0	0.063	81.2	45	57.8	80.7	8.33	0.0717	305	7	100	15
6/17/2021	11:45 AM	29.706	0	0	0	0.067	82.2	44	58.1	81.8	8.15	0.0715	301	7	100	15
6/17/2021	12:00 PM	29.71	0	0	0	0.078	83.2	43	58.4	82.7	7.99	0.0714	306	7	100	15
6/17/2021	12:15 PM	29.714	0	0	0	0.08	84.3	42	58.7	83.9	7.85	0.0712	304	7	100	15
6/17/2021	12:30 PM	29.708	0	0	0	0.083	85.1	41	58.8	84.6	7.65	0.0711	301	7	100	15
6/17/2021	12:45 PM	29.708	0	0	0	0.086	85.7	40	58.6	85.1	7.54	0.071	306	7	100	15
6/17/2021	1:00 PM	29.703	0	0	0	0.094	86.3	39	58.4	85.7	7.32	0.071	303	7	100	15
6/17/2021	1:15 PM	29.7	0	0	0	0.099	86.9	39	59	86.5	7.31	0.0709	301	7	100	15
6/17/2021	1:30 PM	29.697	0	0	0	0.107	87.4	38	58.7	86.9	7.2	0.0708	304	7	100	15
6/17/2021	1:45 PM	29.697	0	0	0	0.113	88	38	59.2	87.6	7.19	0.0707	304	7	100	15
6/17/2021	2:00 PM	29.695	0	0	0	0.104	88.4	36	58.1	87.6	6.82	0.0707	306	7	100	15
6/17/2021	2:15 PM	29.689	0	0	0	0.114	88.9	37	59.3	88.5	6.97	0.0706	300	7	100	15
6/17/2021	2:30 PM	29.685	0	0	0	0.124	89.3	36	58.8	88.8	6.84	0.0705	304	7	100	15
6/17/2021	2:45 PM	29.684	0	0	0	0.122	89.6	36	59.1	89.2	6.84	0.0705	302	7	100	15
6/17/2021	3:00 PM	29.689	0	0	0	0.131	90	35	58.7	89.4	6.75	0.0704	304	7	100	15
6/17/2021	3:15 PM	29.684	0	0	0	0.139	90.4	35	59	90	6.73	0.0704	305	7	100	15
6/17/2021	3:30 PM	29.68	0	0	0	0.137	90.4	35	59	90	6.73	0.0704	302	7	100	15
6/17/2021	3:45 PM	29.675	0	0	0	0.137	90.5	35	59.1	90.1	6.73	0.0703	306	7	100	15
6/17/2021	4:00 PM	29.672	0	0	0	0.133	90.5	34	58.3	89.8	6.54	0.0704	304	7	100	15
6/17/2021	4:15 PM	29.667	0	0	0	0.139	90.5	34	58.3	89.8	6.54	0.0703	305	7	100	15
6/17/2021	4:30 PM	29.66	0	0	0	0.147	90.4	34	58.2	89.7	6.54	0.0703	306	7	100	15
6/17/2021	4:45 PM	29.66	0	0	0	0.15	90	34	57.9	89.1	6.55	0.0704	303	7	100	15
6/17/2021	5:00 PM	29.66	0	0	0	0.154	89.5	34	57.4	88.5	6.54	0.0705	303	7	100	15
6/17/2021	5:15 PM	29.657	0	0	0	0.157	88.7	35	57.5	87.7	6.72	0.0706	302	7	100	15
6/17/2021	5:30 PM	29.658	0	0	0	0.151	88	35	56.9	86.9	6.71	0.0707	305	7	100	15
6/17/2021	5:45 PM	29.656	0	0	0	0.147	87.5	35	56.5	86.3	6.7	0.0708	306	7	100	15
6/17/2021	6:00 PM	29.659	0	0	0	0.154	87.1	36	56.9	86	6.79	0.0708	306	7	100	15
6/17/2021	6:15 PM	29.659	0	0	0	0.166	86.9	36	56.7	85.8	6.79	0.0708	305	7	100	15
6/17/2021	6:30 PM	29.654	0	0	0	0.165	86.7	36	56.6	85.6	6.78	0.0709	303	7	100	15
6/17/2021	6:45 PM	29.656	0	0	0	0.164	86.5	36	56.4	85.3	6.78	0.0709	301	7	100	15
6/17/2021	7:00 PM	29.657	0	0	0	0.165	86.4	36	56.3	85.2	6.78	0.0709	302	7	100	15
6/17/2021	7:15 PM	29.658	0	0	0	0.168	86.4	36	56.3	85.2	6.78	0.0709	302	7	100	15
6/17/2021	7:30 PM	29.66	0	0	0	0.164	86.5	37	57.1	85.5	7.02	0.0709	304	7	100	15
6/17/2021	7:45 PM	29.657	0	0	0	0.133	86	37	56.7	84.9	7.03	0.071	303	7	100	15
6/17/2021	8:00 PM	29.661	0	0	0	0.125	85.3	37	56.1	84.1	7.04	0.0711	300	7	100	15
6/17/2021	8:15 PM	29.663	0	0	0	0.102	84.6	38	56.2	83.5	7.25	0.0712	306	7	100	15
6/17/2021	8:30 PM	29.663	0	0	0	0.075	83.7	39	56.1	82.6	7.38	0.0713	303	7	100	15
6/17/2021	8:45 PM	29.667	0	0	0	0.052	82.8	39	55.3	81.6	7.39	0.0715	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/17/2021	9:00 PM	68.5	70	68.5	60	54.1	1	SSW	0.25	2	SSW	68.5	68.1	68.1
6/17/2021	9:15 PM	67.8	68.5	67.8	64	55.2	0	SSW	0	1	SSW	67.8	67.6	67.6
6/17/2021	9:30 PM	67	67.7	66.9	63	54	0	---	0	0	---	67	66.6	66.6
6/17/2021	9:45 PM	66.1	66.9	66.1	64	53.6	0	---	0	0	---	66.1	65.6	65.6
6/17/2021	10:00 PM	64.8	66.1	64.8	66	53.2	0	SSW	0	1	SSW	64.8	64.2	64.2
6/17/2021	10:15 PM	65.2	65.2	64.8	65	53.1	1	SE	0.25	2	S	65.2	64.6	64.6
6/17/2021	10:30 PM	65.3	65.4	65.2	66	53.6	0	ESE	0	2	ESE	65.3	64.8	64.8
6/17/2021	10:45 PM	64.6	65.3	64.6	67	53.4	0	ESE	0	2	ESE	64.6	64.1	64.1
6/17/2021	11:00 PM	61.8	64.6	61.8	74	53.4	1	E	0.25	2	ESE	61.8	61.4	61.4
6/17/2021	11:15 PM	60.3	61.7	60.3	78	53.4	1	E	0.25	2	E	60.3	60	60
6/17/2021	11:30 PM	58.4	60.3	58.4	83	53.3	1	E	0.25	2	E	58.4	58.2	58.2
6/17/2021	11:45 PM	58	58.4	58	83	52.9	0	E	0	2	E	58	57.8	57.8
6/18/2021	12:00 AM	58.8	58.8	58	81	53	0	---	0	0	---	58.8	58.6	58.6
6/18/2021	12:15 AM	59.9	59.9	58.8	81	54.1	0	E	0	1	E	59.9	59.7	59.7
6/18/2021	12:30 AM	60.2	60.4	59.9	80	54	1	E	0.25	3	E	60.2	60	60
6/18/2021	12:45 AM	60.1	60.2	59.8	81	54.2	1	E	0.25	3	E	60.1	59.9	59.9
6/18/2021	1:00 AM	59.4	60.2	59.4	82	53.9	1	E	0.25	3	E	59.4	59.3	59.3
6/18/2021	1:15 AM	58.8	59.5	58.8	83	53.6	0	E	0	2	E	58.8	58.7	58.7
6/18/2021	1:30 AM	57.5	58.9	57.5	84	52.7	0	E	0	1	E	57.5	57.3	57.3
6/18/2021	1:45 AM	57	57.6	57	86	52.9	0	E	0	1	E	57	56.9	56.9
6/18/2021	2:00 AM	57.8	57.8	57	85	53.3	1	E	0.25	2	E	57.8	57.7	57.7
6/18/2021	2:15 AM	58	58.1	57.8	84	53.2	1	E	0.25	2	E	58	57.9	57.9
6/18/2021	2:30 AM	58	58.2	58	84	53.2	0	E	0	2	E	58	57.9	57.9
6/18/2021	2:45 AM	57.8	58.1	57.8	84	53	1	E	0.25	2	E	57.8	57.6	57.6
6/18/2021	3:00 AM	56.3	57.8	56.3	86	52.2	0	E	0	2	E	56.3	56.2	56.2
6/18/2021	3:15 AM	55.1	56.3	55.1	89	51.9	1	E	0.25	2	E	55.1	55.1	55.1
6/18/2021	3:30 AM	55.9	55.9	54.9	86	51.8	1	E	0.25	3	E	55.9	55.8	55.8
6/18/2021	3:45 AM	56.2	56.2	55.9	85	51.7	0	ENE	0	2	ENE	56.2	56	56
6/18/2021	4:00 AM	56.6	56.6	56.2	84	51.8	1	ENE	0.25	2	ENE	56.6	56.4	56.4
6/18/2021	4:15 AM	56.6	56.6	56.5	84	51.8	1	ENE	0.25	2	ENE	56.6	56.4	56.4
6/18/2021	4:30 AM	55.9	56.6	55.9	85	51.5	1	E	0.25	2	ENE	55.9	55.7	55.7
6/18/2021	4:45 AM	53.6	55.8	53.6	89	50.4	1	E	0.25	2	E	53.6	53.7	53.7
6/18/2021	5:00 AM	52.6	53.6	52.6	91	50	1	E	0.25	2	E	52.6	52.8	52.8
6/18/2021	5:15 AM	52.7	52.7	52.3	92	50.4	1	E	0.25	2	E	52.7	52.9	52.9
6/18/2021	5:30 AM	53.7	53.7	52.7	90	50.8	1	E	0.25	2	E	53.7	53.8	53.8
6/18/2021	5:45 AM	54.1	54.1	53.7	89	50.9	1	E	0.25	2	E	54.1	54.2	54.2
6/18/2021	6:00 AM	54.5	54.5	54	87	50.7	1	E	0.25	2	E	54.5	54.4	54.4
6/18/2021	6:15 AM	54.1	54.6	54	88	50.6	1	E	0.25	2	E	54.1	54.1	54.1
6/18/2021	6:30 AM	52.6	54	52.6	91	50	1	E	0.25	2	E	52.6	52.8	52.8

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/17/2021	9:00 PM	29.669	0	0	0	0.036	81.9	40	55.2	80.8	7.55	0.0716	305	7	100	15
6/17/2021	9:15 PM	29.67	0	0	0	0.029	81	40	54.4	79.8	7.55	0.0717	303	7	100	15
6/17/2021	9:30 PM	29.677	0	0	0	0.021	80.4	41	54.5	79.3	7.74	0.0718	302	7	100	15
6/17/2021	9:45 PM	29.681	0	0	0	0.011	79.8	41	54	78.7	7.75	0.0719	299	7	100	15
6/17/2021	10:00 PM	29.683	0	0	0.002	0	79.4	41	53.6	78.3	7.75	0.072	299	7	100	15
6/17/2021	10:15 PM	29.691	0	0	0	0.002	79	42	53.9	78	7.87	0.0721	298	7	100	15
6/17/2021	10:30 PM	29.698	0	0	0	0.003	78.6	42	53.6	77.6	7.88	0.0722	303	7	100	15
6/17/2021	10:45 PM	29.7	0	0	0.004	0	78.1	43	53.8	77.2	8.05	0.0722	303	7	100	15
6/17/2021	11:00 PM	29.701	0	0	0.033	0	77.5	43	53.2	76.7	8.05	0.0723	298	7	100	15
6/17/2021	11:15 PM	29.704	0	0	0.049	0	76.9	44	53.3	76.2	8.21	0.0724	305	7	100	15
6/17/2021	11:30 PM	29.701	0	0	0.069	0	76.2	45	53.3	75.6	8.43	0.0725	302	7	100	15
6/17/2021	11:45 PM	29.71	0	0	0.073	0	75.6	46	53.4	75.1	8.54	0.0726	304	7	100	15
6/18/2021	12:00 AM	29.711	0	0	0.065	0	75.1	46	52.9	74.6	8.55	0.0727	306	7	100	15
6/18/2021	12:15 AM	29.715	0	0	0.053	0	74.7	47	53.1	74.3	8.75	0.0727	304	7	100	15
6/18/2021	12:30 AM	29.717	0	0	0.05	0	74.6	47	53	74.2	8.75	0.0728	302	7	100	15
6/18/2021	12:45 AM	29.724	0	0	0.051	0	74.3	48	53.3	73.9	8.94	0.0728	303	7	100	15
6/18/2021	1:00 AM	29.721	0	0	0.058	0	74	48	53.1	73.6	8.93	0.0729	303	7	100	15
6/18/2021	1:15 AM	29.722	0	0	0.065	0	73.7	49	53.3	73.3	9.05	0.0729	305	7	100	15
6/18/2021	1:30 AM	29.72	0	0	0.078	0	73.2	50	53.4	72.8	9.25	0.073	301	7	100	15
6/18/2021	1:45 AM	29.719	0	0	0.083	0	72.8	50	53.1	72.2	9.25	0.073	302	7	100	15
6/18/2021	2:00 AM	29.717	0	0	0.075	0	72.6	50	52.9	71.9	9.25	0.073	303	7	100	15
6/18/2021	2:15 AM	29.717	0	0	0.073	0	72.5	50	52.8	71.8	9.25	0.0731	303	7	100	15
6/18/2021	2:30 AM	29.717	0	0	0.073	0	72.2	51	53.1	71.5	9.41	0.0731	305	7	100	15
6/18/2021	2:45 AM	29.711	0	0	0.075	0	72	51	52.9	71.2	9.41	0.0731	299	7	100	15
6/18/2021	3:00 AM	29.712	0	0	0.091	0	71.6	52	53	70.7	9.62	0.0732	302	7	100	15
6/18/2021	3:15 AM	29.708	0	0	0.103	0	71.2	52	52.7	70.1	9.63	0.0732	305	7	100	15
6/18/2021	3:30 AM	29.7	0	0	0.095	0	70.9	52	52.4	69.7	9.63	0.0733	301	7	100	15
6/18/2021	3:45 AM	29.704	0	0	0.092	0	70.8	52	52.3	69.6	9.63	0.0733	300	7	100	15
6/18/2021	4:00 AM	29.707	0	0	0.088	0	70.7	52	52.2	69.5	9.64	0.0733	300	7	100	15
6/18/2021	4:15 AM	29.705	0	0	0.088	0	70.5	52	52	69.2	9.64	0.0733	302	7	100	15
6/18/2021	4:30 AM	29.703	0	0	0.095	0	70.3	52	51.8	68.9	9.64	0.0734	305	7	100	15
6/18/2021	4:45 AM	29.703	0	0	0.119	0	69.9	53	52	68.6	9.85	0.0734	303	7	100	15
6/18/2021	5:00 AM	29.701	0	0	0.129	0	69.5	53	51.6	68.2	9.86	0.0735	302	7	100	15
6/18/2021	5:15 AM	29.708	0	0	0.128	0	69.1	53	51.2	67.9	9.87	0.0736	298	7	100	15
6/18/2021	5:30 AM	29.71	0	0	0.118	0	69	53	51.2	67.8	9.87	0.0736	301	7	100	15
6/18/2021	5:45 AM	29.712	0	0	0.114	0	68.7	53	50.9	67.5	9.88	0.0736	303	7	100	15
6/18/2021	6:00 AM	29.721	0	0	0.109	0	68.5	53	50.7	67.4	9.88	0.0737	302	7	100	15
6/18/2021	6:15 AM	29.723	0	0	0.114	0	68.4	54	51.1	67.4	10.01	0.0737	302	7	100	15
6/18/2021	6:30 AM	29.726	0	0	0.129	0	68.2	54	50.9	67.2	10.02	0.0737	300	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/18/2021	6:45 AM	53.7	53.7	52.6	89	50.5	1	E	0.25	3	E	53.7	53.8	53.8
6/18/2021	7:00 AM	55.4	55.4	53.8	85	51	1	E	0.25	3	E	55.4	55.2	55.2
6/18/2021	7:15 AM	56.4	56.4	55.4	84	51.6	2	ENE	0.5	4	ENE	56.4	56.2	56.2
6/18/2021	7:30 AM	57.8	57.8	56.4	82	52.3	0	NE	0	2	NE	57.8	57.6	57.6
6/18/2021	7:45 AM	59.4	59.4	57.8	79	52.9	0	NE	0	1	NE	59.4	59.1	59.1
6/18/2021	8:00 AM	61.7	61.7	59.4	72	52.6	1	NE	0.25	2	NE	61.7	61.1	61.1
6/18/2021	8:15 AM	62.5	62.7	61.7	74	54.1	1	NE	0.25	2	NE	62.5	62.2	62.2
6/18/2021	8:30 AM	62.8	62.8	62.4	76	55.1	1	ENE	0.25	3	NE	62.8	62.7	62.7
6/18/2021	8:45 AM	63.1	63.1	62.7	73	54.3	1	N	0.25	4	NE	63.1	62.8	62.8
6/18/2021	9:00 AM	64.2	64.2	63.1	72	55	2	NE	0.5	3	NE	64.2	63.9	63.9
6/18/2021	9:15 AM	65.5	65.5	64.2	68	54.7	2	ENE	0.5	5	NE	65.5	65.2	65.2
6/18/2021	9:30 AM	66.7	66.7	65.6	67	55.4	1	ENE	0.25	3	ENE	66.7	66.6	66.6
6/18/2021	9:45 AM	68.1	68.1	66.7	68	57.1	1	ENE	0.25	3	ENE	68.1	68.3	68.3
6/18/2021	10:00 AM	69.4	69.4	68.1	64	56.7	1	WNW	0.25	3	WSW	69.4	69.2	69.2
6/18/2021	10:15 AM	71.1	71.1	69.4	63	57.9	1	WSW	0.25	3	SW	71.1	71	71
6/18/2021	10:30 AM	72.6	72.6	71.1	60	57.9	1	W	0.25	3	W	72.6	72.7	72.7
6/18/2021	10:45 AM	73.8	73.9	72.6	57	57.6	1	W	0.25	3	W	73.8	74	74
6/18/2021	11:00 AM	74.7	74.7	73.9	58	58.9	1	SW	0.25	3	WNW	74.7	75	75
6/18/2021	11:15 AM	75.7	75.7	74.6	59	60.4	2	W	0.5	4	NW	75.7	76.1	76.1
6/18/2021	11:30 AM	76.5	76.5	75.8	60	61.6	1	W	0.25	4	SW	76.5	77	77
6/18/2021	11:45 AM	77.5	77.6	76.6	53	59	2	WSW	0.5	5	S	77.5	77.6	77.6
6/18/2021	12:00 PM	78.7	78.7	77.4	54	60.7	1	WSW	0.25	5	SSE	78.7	79.1	79.1
6/18/2021	12:15 PM	79.3	79.3	78.7	53	60.7	2	NW	0.5	7	W	79.3	79.7	79.7
6/18/2021	12:30 PM	80.5	80.7	79.3	53	61.8	2	NW	0.5	5	SSE	80.5	81.1	81.1
6/18/2021	12:45 PM	80.4	80.5	79.9	54	62.2	2	WSW	0.5	13	WNW	80.4	81.1	81.1
6/18/2021	1:00 PM	80.9	81	80.3	57	64.2	2	WSW	0.5	13	WNW	80.9	82.1	82.1
6/18/2021	1:15 PM	80.8	81.1	80.7	57	64.1	2	WSW	0.5	9	NW	80.8	82	82
6/18/2021	1:30 PM	81.2	81.3	80.8	53	62.4	2	NW	0.5	5	WSW	81.2	82	82
6/18/2021	1:45 PM	81.2	81.4	81.1	54	63	2	NW	0.5	5	NW	81.2	82.1	82.1
6/18/2021	2:00 PM	80.1	81.8	80.1	58	64	2	W	0.5	9	WSW	80.1	81.1	81.1
6/18/2021	2:15 PM	80.9	81	80.1	58	64.7	2	WNW	0.5	5	WSW	80.9	82.3	82.3
6/18/2021	2:30 PM	81.2	81.2	80.4	55	63.5	2	WNW	0.5	6	NNW	81.2	82.3	82.3
6/18/2021	2:45 PM	82.8	82.9	81.2	54	64.5	2	W	0.5	7	NW	82.8	84.3	84.3
6/18/2021	3:00 PM	82.5	83.2	82.5	55	64.7	2	W	0.5	7	WNW	82.5	84.1	84.1
6/18/2021	3:15 PM	82	82.5	81.5	55	64.2	2	W	0.5	9	SE	82	83.3	83.3
6/18/2021	3:30 PM	82.5	82.6	82	54	64.2	1	NW	0.25	5	NW	82.5	83.9	83.9
6/18/2021	3:45 PM	83.5	84.1	82.5	51	63.5	2	NW	0.5	4	NW	83.5	84.7	84.7
6/18/2021	4:00 PM	82	83.5	81.9	57	65.3	1	SW	0.25	5	SSE	82	83.7	83.7
6/18/2021	4:15 PM	84.3	84.3	82.1	52	64.8	2	NW	0.5	6	S	84.3	86.1	86.1

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/18/2021	6:45 AM	29.728	0	0	0.118	0	68.1	54	50.8	67.1	10.03	0.0738	302	7	100	15
6/18/2021	7:00 AM	29.723	0	0	0.1	0	68.3	54	51	67.3	10.02	0.0737	302	7	100	15
6/18/2021	7:15 AM	29.72	0	0	0.09	0	68.6	54	51.3	67.5	10.01	0.0737	302	7	100	15
6/18/2021	7:30 AM	29.717	0	0	0.075	0	68.9	54	51.6	67.8	9.99	0.0736	305	7	100	15
6/18/2021	7:45 AM	29.711	0	0	0.058	0	69.2	55	52.3	68.2	10.17	0.0735	301	7	100	15
6/18/2021	8:00 AM	29.712	0	0	0.034	0	69.6	54	52.2	68.4	9.97	0.0735	299	7	100	15
6/18/2021	8:15 AM	29.709	0	0	0.026	0	70	54	52.6	68.8	9.95	0.0734	304	7	100	15
6/18/2021	8:30 AM	29.713	0	0	0.023	0	70.6	54	53.1	69.5	9.94	0.0733	303	7	100	15
6/18/2021	8:45 AM	29.713	0	0	0.02	0	71.1	54	53.6	70.2	9.93	0.0732	303	7	100	15
6/18/2021	9:00 AM	29.718	0	0	0.008	0	71.8	54	54.3	71.1	9.91	0.0731	304	7	100	15
6/18/2021	9:15 AM	29.723	0	0	0	0.005	72.7	54	55.1	72.4	9.9	0.073	302	7	100	15
6/18/2021	9:30 AM	29.722	0	0	0	0.018	73.7	53	55.5	73.6	9.7	0.0728	303	7	100	15
6/18/2021	9:45 AM	29.717	0	0	0	0.032	74.6	53	56.3	74.6	9.67	0.0726	303	7	100	15
6/18/2021	10:00 AM	29.715	0	0	0	0.046	75.6	53	57.3	75.7	9.65	0.0725	304	7	100	15
6/18/2021	10:15 AM	29.706	0	0	0	0.064	77.1	52	58.1	77.1	9.51	0.0722	301	7	100	15
6/18/2021	10:30 AM	29.701	0	0	0	0.079	79.2	51	59.5	79.3	9.35	0.0718	298	7	100	15
6/18/2021	10:45 AM	29.7	0	0	0	0.092	81.2	50	60.8	81.6	9.13	0.0715	299	7	100	15
6/18/2021	11:00 AM	29.702	0	0	0	0.101	82.9	49	61.8	83.5	8.89	0.0713	304	7	100	15
6/18/2021	11:15 AM	29.702	0	0	0	0.111	84.3	48	62.5	85.2	8.76	0.071	305	7	100	15
6/18/2021	11:30 AM	29.709	0	0	0	0.12	85.4	47	62.9	86.4	8.54	0.0709	306	7	100	15
6/18/2021	11:45 AM	29.718	0	0	0	0.13	86.4	46	63.2	87.5	8.42	0.0708	303	7	100	15
6/18/2021	12:00 PM	29.725	0	0	0	0.143	87.4	46	64.1	89	8.4	0.0706	305	7	100	15
6/18/2021	12:15 PM	29.728	0	0	0	0.149	88.5	46	65.1	90.7	8.38	0.0704	299	7	100	15
6/18/2021	12:30 PM	29.729	0	0	0	0.161	89.9	45	65.7	92.5	8.15	0.0702	303	7	100	15
6/18/2021	12:45 PM	29.725	0	0	0	0.16	90.7	45	66.4	93.9	8.15	0.0701	300	7	100	15
6/18/2021	1:00 PM	29.719	0	0	0	0.166	91.6	44	66.6	95.1	8.02	0.0699	301	7	100	15
6/18/2021	1:15 PM	29.716	0	0	0	0.165	92.3	44	67.2	96.3	8	0.0698	302	7	100	15
6/18/2021	1:30 PM	29.721	0	0	0	0.169	93.1	43	67.3	97.3	7.83	0.0697	300	7	100	15
6/18/2021	1:45 PM	29.714	0	0	0	0.169	93.3	43	67.5	97.7	7.82	0.0696	298	7	100	15
6/18/2021	2:00 PM	29.708	0	0	0	0.157	93	43	67.2	97.1	7.83	0.0697	303	7	100	15
6/18/2021	2:15 PM	29.706	0	0	0	0.166	93	43	67.2	97.1	7.83	0.0697	300	7	100	15
6/18/2021	2:30 PM	29.694	0	0	0	0.169	92.6	43	66.8	96.4	7.85	0.0697	304	7	100	15
6/18/2021	2:45 PM	29.692	0	0	0	0.185	93.8	43	67.9	98.6	7.8	0.0695	303	7	100	15
6/18/2021	3:00 PM	29.688	0	0	0	0.182	94.3	42	67.7	99	7.58	0.0694	302	7	100	15
6/18/2021	3:15 PM	29.683	0	0	0	0.177	94	42	67.4	98.4	7.59	0.0695	303	7	100	15
6/18/2021	3:30 PM	29.677	0	0	0	0.182	94	41	66.7	97.9	7.49	0.0695	302	7	100	15
6/18/2021	3:45 PM	29.669	0	0	0	0.193	94.6	41	67.3	99	7.47	0.0694	306	7	100	15
6/18/2021	4:00 PM	29.663	0	0	0	0.177	93.9	41	66.6	97.7	7.49	0.0695	306	7	100	15
6/18/2021	4:15 PM	29.643	0	0	0	0.201	94.4	41	67.1	98.7	7.47	0.0694	302	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/18/2021	4:30 PM	83.6	84.9	83.6	52	64.1	2	W	0.5	9	SSE	83.6	85.1	85.1
6/18/2021	4:45 PM	82.8	83.6	82.3	51	62.8	2	S	0.5	7	SSW	82.8	83.7	83.7
6/18/2021	5:00 PM	84	84.1	82.8	51	63.9	2	W	0.5	7	WSW	84	85.4	85.4
6/18/2021	5:15 PM	84.6	84.7	84	51	64.5	1	NW	0.25	5	S	84.6	86.3	86.3
6/18/2021	5:30 PM	84.8	84.8	84.4	48	62.9	2	S	0.5	5	NW	84.8	85.8	85.8
6/18/2021	5:45 PM	84.7	85	84.7	48	62.8	2	WSW	0.5	4	SW	84.7	85.7	85.7
6/18/2021	6:00 PM	84.7	85.1	84.7	48	62.8	2	WNW	0.5	8	NW	84.7	85.7	85.7
6/18/2021	6:15 PM	84.6	84.7	84.3	51	64.5	2	SW	0.5	6	SSE	84.6	86.3	86.3
6/18/2021	6:30 PM	84.8	84.9	84.5	47	62.3	1	S	0.25	5	SSE	84.8	85.6	85.6
6/18/2021	6:45 PM	84.5	84.8	84.4	48	62.7	2	WSW	0.5	7	ESE	84.5	85.4	85.4
6/18/2021	7:00 PM	83.5	84.5	83.4	49	62.3	2	WSW	0.5	7	SW	83.5	84.3	84.3
6/18/2021	7:15 PM	82.7	83.5	82.7	49	61.6	2	W	0.5	6	NW	82.7	83.2	83.2
6/18/2021	7:30 PM	82.5	82.7	82.5	50	62	1	WSW	0.25	3	W	82.5	83.2	83.2
6/18/2021	7:45 PM	82.1	82.5	82	50	61.6	1	W	0.25	6	W	82.1	82.7	82.7
6/18/2021	8:00 PM	81.6	82.1	81.5	53	62.8	1	WNW	0.25	3	SSE	81.6	82.5	82.5
6/18/2021	8:15 PM	80.4	81.5	80.4	55	62.8	0	W	0	2	S	80.4	81.2	81.2
6/18/2021	8:30 PM	78.4	80.4	78.4	58	62.4	0	S	0	3	S	78.4	79	79
6/18/2021	8:45 PM	76.6	78.4	76.6	61	62.1	1	WSW	0.25	2	WSW	76.6	77.2	77.2
6/18/2021	9:00 PM	74.8	76.5	74.8	64	61.8	1	SW	0.25	2	SW	74.8	75.5	75.5
6/18/2021	9:15 PM	73.6	74.7	73.6	65	61.1	1	SW	0.25	2	SW	73.6	74.3	74.3
6/18/2021	9:30 PM	72.8	73.6	72.8	67	61.2	0	SSW	0	2	SW	72.8	73.4	73.4
6/18/2021	9:45 PM	71.6	72.8	71.6	69	60.9	0	SSW	0	2	SSW	71.6	72	72
6/18/2021	10:00 PM	71.2	71.6	71.2	68	60.1	0	SSW	0	3	SSW	71.2	71.5	71.5
6/18/2021	10:15 PM	70.7	71.3	70.7	70	60.4	0	ESE	0	2	NNE	70.7	71	71
6/18/2021	10:30 PM	70	70.8	70	71	60.2	0	---	0	0	---	70	70.3	70.3
6/18/2021	10:45 PM	69.5	70	69.5	72	60.1	0	NNE	0	1	NNE	69.5	70.1	70.1
6/18/2021	11:00 PM	69.7	69.8	69.4	72	60.3	1	ESE	0.25	2	NNE	69.7	70.2	70.2
6/18/2021	11:15 PM	69.7	69.9	69.7	74	61	0	ESE	0	2	ESE	69.7	70.4	70.4
6/18/2021	11:30 PM	69.2	69.7	69.2	73	60.2	0	ESE	0	1	ESE	69.2	69.9	69.9
6/18/2021	11:45 PM	69	69.2	69	75	60.7	1	ESE	0.25	2	ESE	69	69.9	69.9
6/19/2021	12:00 AM	68.7	69	68.2	76	60.8	1	SE	0.25	2	E	68.7	69.6	69.6
6/19/2021	12:15 AM	67.3	68.6	67.3	78	60.2	0	SE	0	2	SE	67.3	68.1	68.1
6/19/2021	12:30 AM	66.8	67.4	66.5	79	60.1	1	SE	0.25	2	SE	66.8	67.7	67.7
6/19/2021	12:45 AM	67.3	67.3	66.5	76	59.5	0	SE	0	2	SE	67.3	68	68
6/19/2021	1:00 AM	67	67.9	67	79	60.3	1	SSE	0.25	2	SE	67	67.9	67.9
6/19/2021	1:15 AM	66.1	66.9	65.8	80	59.7	1	E	0.25	3	E	66.1	66.9	66.9
6/19/2021	1:30 AM	66.7	66.8	66.1	79	60	0	E	0	2	E	66.7	67.5	67.5
6/19/2021	1:45 AM	66	66.7	66	80	59.7	1	E	0.25	2	E	66	66.8	66.8
6/19/2021	2:00 AM	65.2	66	65.2	82	59.6	0	E	0	1	E	65.2	65.8	65.8

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/18/2021	4:30 PM	29.646	0	0	0	0.194	94.8	41	67.4	99.4	7.46	0.0693	303	7	100	15
6/18/2021	4:45 PM	29.631	0	0	0	0.185	93.9	40	65.9	97.2	7.29	0.0695	301	7	100	15
6/18/2021	5:00 PM	29.62	0	0	0	0.198	93.8	41	66.5	97.6	7.5	0.0694	304	7	100	15
6/18/2021	5:15 PM	29.617	0	0	0	0.204	93.6	41	66.4	97.2	7.51	0.0694	303	7	100	15
6/18/2021	5:30 PM	29.603	0	0	0	0.206	93	40	65.1	95.7	7.33	0.0695	302	7	100	15
6/18/2021	5:45 PM	29.608	0	0	0	0.205	92.7	40	64.8	95.2	7.34	0.0696	303	7	100	15
6/18/2021	6:00 PM	29.605	0	0	0	0.205	92.3	41	65.2	95	7.56	0.0696	301	7	100	15
6/18/2021	6:15 PM	29.602	0	0	0	0.204	92	40	64.2	94.1	7.37	0.0697	303	7	100	15
6/18/2021	6:30 PM	29.602	0	0	0	0.206	91.8	40	64	93.8	7.38	0.0698	303	7	100	15
6/18/2021	6:45 PM	29.607	0	0	0	0.203	91.7	41	64.7	94	7.58	0.0697	305	7	100	15
6/18/2021	7:00 PM	29.614	0	0	0	0.193	91.3	41	64.3	93.4	7.6	0.0698	307	7	100	15
6/18/2021	7:15 PM	29.62	0	0	0	0.184	91.3	41	64.3	93.4	7.6	0.0698	304	7	100	15
6/18/2021	7:30 PM	29.63	0	0	0	0.182	91	41	64	92.9	7.61	0.0699	302	7	100	15
6/18/2021	7:45 PM	29.63	0	0	0	0.178	90.5	41	63.6	92.1	7.63	0.07	303	7	100	15
6/18/2021	8:00 PM	29.631	0	0	0	0.173	89.9	41	63	91.2	7.65	0.0701	304	7	100	15
6/18/2021	8:15 PM	29.631	0	0	0	0.16	89.4	42	63.3	90.8	7.76	0.0702	302	7	100	15
6/18/2021	8:30 PM	29.623	0	0	0	0.14	88.7	42	62.7	89.7	7.78	0.0703	304	7	100	15
6/18/2021	8:45 PM	29.612	0	0	0	0.121	87.9	43	62.6	88.9	7.95	0.0703	304	7	100	15
6/18/2021	9:00 PM	29.605	0	0	0	0.102	87.1	43	61.9	87.7	7.95	0.0705	305	7	100	15
6/18/2021	9:15 PM	29.591	0	0	0	0.09	86.2	44	61.7	86.7	8.13	0.0706	301	7	100	15
6/18/2021	9:30 PM	29.586	0	0	0	0.081	85.5	44	61.1	85.8	8.14	0.0707	303	7	100	15
6/18/2021	9:45 PM	29.585	0	0	0	0.069	84.8	45	61.1	85.1	8.25	0.0707	299	7	100	15
6/18/2021	10:00 PM	29.569	0	0	0	0.065	84.1	45	60.5	84.2	8.27	0.0708	304	7	100	15
6/18/2021	10:15 PM	29.571	0	0	0	0.059	83.8	46	60.8	84.1	8.45	0.0709	303	7	100	15
6/18/2021	10:30 PM	29.595	0	0	0	0.052	83.1	46	60.2	83.1	8.45	0.071	306	7	100	15
6/18/2021	10:45 PM	29.623	0	0	0	0.047	82.7	46	59.8	82.7	8.45	0.0712	302	7	100	15
6/18/2021	11:00 PM	29.632	0	0	0	0.049	82.4	47	60.1	82.5	8.6	0.0712	303	7	100	15
6/18/2021	11:15 PM	29.642	0	0	0	0.049	82.1	47	59.9	82.2	8.61	0.0713	299	7	100	15
6/18/2021	11:30 PM	29.651	0	0	0	0.044	81.8	47	59.6	81.8	8.61	0.0714	304	7	100	15
6/18/2021	11:45 PM	29.651	0	0	0	0.042	81.5	48	59.9	81.6	8.82	0.0714	304	7	100	15
6/19/2021	12:00 AM	29.65	0	0	0	0.039	81.3	48	59.7	81.4	8.82	0.0714	302	7	100	15
6/19/2021	12:15 AM	29.653	0	0	0	0.024	81	48	59.5	81	8.83	0.0715	303	7	100	15
6/19/2021	12:30 AM	29.654	0	0	0	0.019	80.6	49	59.7	80.7	8.94	0.0715	302	7	100	15
6/19/2021	12:45 AM	29.65	0	0	0	0.024	80.3	49	59.4	80.4	8.94	0.0716	301	7	100	15
6/19/2021	1:00 AM	29.657	0	0	0	0.021	80.2	49	59.3	80.3	8.95	0.0716	304	7	100	15
6/19/2021	1:15 AM	29.67	0	0	0	0.011	79.9	50	59.6	80.1	9.15	0.0717	304	7	100	15
6/19/2021	1:30 AM	29.668	0	0	0	0.018	79.6	50	59.3	79.7	9.16	0.0717	304	7	100	15
6/19/2021	1:45 AM	29.675	0	0	0	0.01	79.4	51	59.7	79.6	9.35	0.0717	302	7	100	15
6/19/2021	2:00 AM	29.671	0	0	0	0.002	79.2	51	59.5	79.3	9.35	0.0718	302	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/19/2021	2:15 AM	63.6	65.2	63.6	85	59	1	E	0.25	2	E	63.6	64.1	64.1
6/19/2021	2:30 AM	63	63.7	62.7	89	59.7	1	E	0.25	2	E	63	63.6	63.6
6/19/2021	2:45 AM	63.3	63.3	63	88	59.7	0	E	0	2	E	63.3	63.9	63.9
6/19/2021	3:00 AM	63.9	63.9	63.2	86	59.6	1	E	0.25	2	E	63.9	64.5	64.5
6/19/2021	3:15 AM	64	64.2	63.8	85	59.4	0	S	0	3	S	64	64.5	64.5
6/19/2021	3:30 AM	64.2	64.2	64	84	59.3	0	S	0	2	S	64.2	64.7	64.7
6/19/2021	3:45 AM	64.2	64.4	64.2	84	59.3	0	S	0	2	SSE	64.2	64.7	64.7
6/19/2021	4:00 AM	64.5	64.5	64	83	59.2	1	E	0.25	2	ESE	64.5	65	65
6/19/2021	4:15 AM	64.5	64.6	64.5	84	59.6	0	---	0	0	---	64.5	65.1	65.1
6/19/2021	4:30 AM	64.3	64.6	64.3	84	59.4	0	ESE	0	2	E	64.3	64.8	64.8
6/19/2021	4:45 AM	63.8	64.3	63.8	84	58.9	0	---	0	0	---	63.8	64.3	64.3
6/19/2021	5:00 AM	63.1	63.8	63.1	86	58.8	0	---	0	0	---	63.1	63.6	63.6
6/19/2021	5:15 AM	63	63.1	62.8	87	59.1	0	ESE	0	1	ESE	63	63.5	63.5
6/19/2021	5:30 AM	62.8	63	62.7	87	58.9	1	E	0.25	3	E	62.8	63.3	63.3
6/19/2021	5:45 AM	63.2	63.2	62.7	87	59.3	0	E	0	2	E	63.2	63.7	63.7
6/19/2021	6:00 AM	62.7	63.1	62.7	87	58.8	0	---	0	0	---	62.7	63.2	63.2
6/19/2021	6:15 AM	62.1	62.8	62.1	89	58.8	0	---	0	0	---	62.1	62.6	62.6
6/19/2021	6:30 AM	61.6	62.1	61.6	90	58.6	0	---	0	0	---	61.6	62.1	62.1
6/19/2021	6:45 AM	61.7	61.7	61.6	90	58.7	0	---	0	0	---	61.7	62.2	62.2
6/19/2021	7:00 AM	62.8	62.8	61.7	89	59.5	1	SSE	0.25	4	SSE	62.8	63.4	63.4
6/19/2021	7:15 AM	63.4	63.4	62.7	89	60.1	0	---	0	0	---	63.4	64.1	64.1
6/19/2021	7:30 AM	64.2	64.2	63.4	90	61.2	0	SE	0	1	SE	64.2	65.1	65.1
6/19/2021	7:45 AM	65	65	64.2	86	60.7	0	SE	0	1	SE	65	65.8	65.8
6/19/2021	8:00 AM	66.5	66.5	65.1	86	62.2	0	SE	0	1	SE	66.5	67.6	67.6
6/19/2021	8:15 AM	67.7	67.7	66.5	83	62.3	0	SSE	0	1	SE	67.7	68.9	68.9
6/19/2021	8:30 AM	68.1	68.1	67.7	83	62.7	0	SSE	0	1	SSE	68.1	69.4	69.4
6/19/2021	8:45 AM	68.9	68.9	68.2	82	63.2	0	SSE	0	1	SSE	68.9	70.4	70.4
6/19/2021	9:00 AM	69.5	69.5	68.9	79	62.7	0	SSE	0	3	SSE	69.5	70.8	70.8
6/19/2021	9:15 AM	70.4	70.5	69.5	78	63.2	0	WNW	0	2	WSW	70.4	71.6	71.6
6/19/2021	9:30 AM	71.4	71.4	70.5	76	63.4	1	SW	0.25	3	S	71.4	72.5	72.5
6/19/2021	9:45 AM	72.2	72.2	71.4	75	63.8	2	WNW	0.5	8	NW	72.2	73.3	73.3
6/19/2021	10:00 AM	73.4	73.4	72.2	72	63.8	2	W	0.5	7	NNE	73.4	74.5	74.5
6/19/2021	10:15 AM	74.1	74.1	73.4	72	64.5	1	SSE	0.25	4	S	74.1	75.4	75.4
6/19/2021	10:30 AM	75.2	75.2	74.1	71	65.1	1	SW	0.25	4	SW	75.2	76.6	76.6
6/19/2021	10:45 AM	76.1	76.1	75.2	69	65.2	2	SW	0.5	6	WNW	76.1	77.4	77.4
6/19/2021	11:00 AM	77	77	76.1	70	66.5	2	NW	0.5	6	SSE	77	78.6	78.6
6/19/2021	11:15 AM	77.5	77.5	76.9	68	66.1	1	SW	0.25	5	WSW	77.5	79.1	79.1
6/19/2021	11:30 AM	79	79	77.6	67	67.1	2	WNW	0.5	4	WNW	79	81	81
6/19/2021	11:45 AM	80	80	79	63	66.3	2	WNW	0.5	7	WNW	80	81.8	81.8

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/19/2021	2:15 AM	29.667	0	0	0.015	0	78.9	51	59.2	79	9.35	0.0718	305	7	100	15
6/19/2021	2:30 AM	29.662	0	0	0.021	0	78.6	52	59.5	78.8	9.48	0.0718	304	7	100	15
6/19/2021	2:45 AM	29.663	0	0	0.018	0	78.5	52	59.4	78.7	9.48	0.0718	304	7	100	15
6/19/2021	3:00 AM	29.664	0	0	0.011	0	78.2	53	59.7	78.4	9.65	0.0719	303	7	100	15
6/19/2021	3:15 AM	29.651	0	0	0.01	0	77.8	53	59.3	78	9.65	0.0719	306	7	100	15
6/19/2021	3:30 AM	29.639	0	0	0.008	0	77.6	53	59.1	77.7	9.65	0.0719	300	7	100	15
6/19/2021	3:45 AM	29.634	0	0	0.008	0	77.5	53	59	77.6	9.65	0.0719	306	7	100	15
6/19/2021	4:00 AM	29.626	0	0	0.005	0	77.5	53	59	77.6	9.65	0.0719	304	7	100	15
6/19/2021	4:15 AM	29.62	0	0	0.005	0	77.5	53	59	77.6	9.65	0.0719	301	7	100	15
6/19/2021	4:30 AM	29.611	0	0	0.007	0	77.3	54	59.4	77.5	9.8	0.0719	305	7	100	15
6/19/2021	4:45 AM	29.604	0	0	0.013	0	77.1	54	59.2	77.3	9.81	0.0719	304	7	100	15
6/19/2021	5:00 AM	29.612	0	0	0.02	0	76.9	54	59	77	9.81	0.072	303	7	100	15
6/19/2021	5:15 AM	29.619	0	0	0.021	0	76.7	54	58.8	76.8	9.82	0.072	303	7	100	15
6/19/2021	5:30 AM	29.618	0	0	0.023	0	76.5	54	58.6	76.6	9.82	0.072	303	7	100	15
6/19/2021	5:45 AM	29.61	0	0	0.019	0	76.4	54	58.5	76.5	9.82	0.072	306	7	100	15
6/19/2021	6:00 AM	29.603	0	0	0.024	0	76.1	55	58.8	76.3	10.01	0.0721	302	7	100	15
6/19/2021	6:15 AM	29.598	0	0	0.03	0	76	55	58.7	76.2	10.01	0.0721	302	7	100	15
6/19/2021	6:30 AM	29.602	0	0	0.035	0	75.8	56	59	76.1	10.22	0.0721	301	7	100	15
6/19/2021	6:45 AM	29.612	0	0	0.034	0	75.9	55	58.6	76.1	10.01	0.0721	304	7	100	15
6/19/2021	7:00 AM	29.615	0	0	0.023	0	76	56	59.2	76.3	10.21	0.0721	304	7	100	15
6/19/2021	7:15 AM	29.621	0	0	0.017	0	76.3	56	59.4	76.6	10.2	0.072	300	7	100	15
6/19/2021	7:30 AM	29.615	0	0	0.008	0	76.6	56	59.7	76.9	10.19	0.072	304	7	100	15
6/19/2021	7:45 AM	29.62	0	0	0	0	77	56	60.1	77.3	10.17	0.0719	301	7	100	15
6/19/2021	8:00 AM	29.621	0	0	0	0.016	77.6	57	61.2	78	10.25	0.0718	302	7	100	15
6/19/2021	8:15 AM	29.624	0	0	0	0.028	78.2	56	61.2	78.6	10.12	0.0717	303	7	100	15
6/19/2021	8:30 AM	29.628	0	0	0	0.032	78.8	56	61.8	79.3	10.1	0.0716	305	7	100	15
6/19/2021	8:45 AM	29.634	0	0	0	0.041	79.4	56	62.3	80.1	10.07	0.0715	304	7	100	15
6/19/2021	9:00 AM	29.641	0	0	0	0.047	80	56	62.9	80.8	10.05	0.0714	305	7	100	15
6/19/2021	9:15 AM	29.65	0	0	0	0.056	80.5	56	63.4	81.5	10.05	0.0714	304	7	100	15
6/19/2021	9:30 AM	29.655	0	0	0	0.067	81.2	55	63.5	82.3	9.85	0.0713	302	7	100	15
6/19/2021	9:45 AM	29.666	0	0	0	0.075	81.9	55	64.1	83.2	9.85	0.0712	298	7	100	15
6/19/2021	10:00 AM	29.665	0	0	0	0.088	82.7	55	64.9	84.3	9.85	0.071	300	7	100	15
6/19/2021	10:15 AM	29.661	0	0	0	0.095	83.7	54	65.3	85.6	9.75	0.0709	304	7	100	15
6/19/2021	10:30 AM	29.651	0	0	0	0.106	84.9	53	65.9	87.2	9.55	0.0707	302	7	100	15
6/19/2021	10:45 AM	29.647	0	0	0	0.116	86	53	66.9	88.9	9.53	0.0705	302	7	100	15
6/19/2021	11:00 AM	29.64	0	0	0	0.125	87.2	52	67.4	90.6	9.35	0.0702	299	7	100	15
6/19/2021	11:15 AM	29.638	0	0	0	0.13	88	51	67.6	91.6	9.19	0.0701	303	7	100	15
6/19/2021	11:30 AM	29.635	0	0	0	0.146	89.1	51	68.6	93.6	9.17	0.0699	304	7	100	15
6/19/2021	11:45 AM	29.633	0	0	0	0.156	90.1	50	69	95	9.05	0.0698	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/19/2021	12:00 PM	80.7	80.7	79.8	63	66.9	2	WSW	0.5	5	SSW	80.7	82.8	82.8
6/19/2021	12:15 PM	79.7	80.9	79.6	64	66.4	2	W	0.5	9	WSW	79.7	81.6	81.6
6/19/2021	12:30 PM	80.2	80.2	79.6	62	66	2	WSW	0.5	7	W	80.2	81.9	81.9
6/19/2021	12:45 PM	80.1	80.4	80	62	65.9	3	WSW	0.75	10	NW	80.1	81.8	81.8
6/19/2021	1:00 PM	80	80.1	79.6	63	66.3	2	WSW	0.5	6	NNW	80	81.8	81.8
6/19/2021	1:15 PM	81	81.1	80	62	66.8	3	W	0.75	8	WSW	81	83.1	83.1
6/19/2021	1:30 PM	82.5	82.5	81.1	63	68.6	2	SW	0.5	7	WSW	82.5	85.8	85.8
6/19/2021	1:45 PM	82.2	82.6	81.8	61	67.4	3	WSW	0.75	9	N	82.2	84.8	84.8
6/19/2021	2:00 PM	81.8	82.8	81.8	56	64.6	3	WSW	0.75	8	W	81.8	83.2	83.2
6/19/2021	2:15 PM	83	83.1	81.7	58	66.7	3	WSW	0.75	7	W	83	85.4	85.4
6/19/2021	2:30 PM	82.4	83.4	82.4	59	66.6	3	WSW	0.75	9	SSE	82.4	84.7	84.7
6/19/2021	2:45 PM	82.4	82.4	82	60	67.1	2	WNW	0.5	8	NW	82.4	84.8	84.8
6/19/2021	3:00 PM	82.5	82.5	82.1	60	67.2	2	WSW	0.5	8	SSE	82.5	85	85
6/19/2021	3:15 PM	82.5	83	82.4	61	67.7	3	NW	0.75	9	WSW	82.5	85.3	85.3
6/19/2021	3:30 PM	83.2	83.3	82.5	60	67.9	3	S	0.75	8	SSE	83.2	86.1	86.1
6/19/2021	3:45 PM	82.9	83.2	82.1	62	68.5	3	NW	0.75	8	WSW	82.9	86.2	86.2
6/19/2021	4:00 PM	83.1	83.7	82.9	61	68.3	3	WNW	0.75	10	NNW	83.1	86.3	86.3
6/19/2021	4:15 PM	82.9	83	82.5	61	68.1	3	NW	0.75	9	S	82.9	85.9	85.9
6/19/2021	4:30 PM	82.3	83	82.3	62	68	3	W	0.75	11	N	82.3	85.2	85.2
6/19/2021	4:45 PM	81.3	82.2	81.2	64	68	3	W	0.75	10	W	81.3	84	84
6/19/2021	5:00 PM	80.4	81.3	80.4	64	67.1	3	WSW	0.75	8	S	80.4	82.6	82.6
6/19/2021	5:15 PM	80.5	80.6	80.3	65	67.6	2	W	0.5	7	WNW	80.5	82.9	82.9
6/19/2021	5:30 PM	81	81.1	80.4	64	67.7	2	W	0.5	5	WSW	81	83.5	83.5
6/19/2021	5:45 PM	81.8	81.8	81	65	68.9	2	WSW	0.5	6	SSW	81.8	85.1	85.1
6/19/2021	6:00 PM	82.8	82.8	81.8	63	68.9	2	WSW	0.5	7	WNW	82.8	86.3	86.3
6/19/2021	6:15 PM	81.4	82.8	81.4	62	67.1	2	WSW	0.5	7	W	81.4	83.7	83.7
6/19/2021	6:30 PM	80.2	81.4	80.1	67	68.2	1	WNW	0.25	3	NW	80.2	82.9	82.9
6/19/2021	6:45 PM	80.3	80.4	80.1	66	67.9	1	S	0.25	3	NNE	80.3	82.8	82.8
6/19/2021	7:00 PM	79.6	80.3	79.6	67	67.7	1	S	0.25	5	SSE	79.6	81.9	81.9
6/19/2021	7:15 PM	79	79.7	78.9	67	67.1	1	WNW	0.25	4	SSE	79	81	81
6/19/2021	7:30 PM	78.7	79	78.7	67	66.8	1	WSW	0.25	9	N	78.7	80.6	80.6
6/19/2021	7:45 PM	78.3	78.7	78.3	68	66.9	1	W	0.25	5	WNW	78.3	80.2	80.2
6/19/2021	8:00 PM	77.8	78.3	77.8	69	66.8	0	S	0	2	S	77.8	79.6	79.6
6/19/2021	8:15 PM	77.3	77.8	77.2	71	67.2	0	NW	0	1	NW	77.3	79.1	79.1
6/19/2021	8:30 PM	76.3	77.2	76.3	73	67	0	WNW	0	1	WNW	76.3	78.1	78.1
6/19/2021	8:45 PM	75.3	76.3	75.3	75	66.8	0	WNW	0	1	WNW	75.3	77.1	77.1
6/19/2021	9:00 PM	74.3	75.3	74.3	76	66.2	0	W	0	2	WSW	74.3	75.9	75.9
6/19/2021	9:15 PM	73.5	74.3	73.5	78	66.2	0	SW	0	1	SW	73.5	75.1	75.1
6/19/2021	9:30 PM	73.2	73.5	73.2	78	65.9	1	SW	0.25	1	SW	73.2	74.8	74.8

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/19/2021	12:00 PM	29.63	0	0	0	0.164	90.8	49	69	95.9	8.83	0.0697	305	7	100	15
6/19/2021	12:15 PM	29.633	0	0	0	0.153	91.3	49	69.5	96.8	8.82	0.0696	301	7	100	15
6/19/2021	12:30 PM	29.631	0	0	0	0.158	91.4	48	69	96.5	8.62	0.0696	301	7	100	15
6/19/2021	12:45 PM	29.631	0	0	0	0.157	92	48	69.5	97.7	8.61	0.0695	305	7	100	15
6/19/2021	1:00 PM	29.624	0	0	0	0.156	91.8	47	68.7	96.8	8.45	0.0696	303	7	100	15
6/19/2021	1:15 PM	29.623	0	0	0	0.167	92.5	47	69.3	98.2	8.45	0.0694	302	7	100	15
6/19/2021	1:30 PM	29.614	0	0	0	0.182	93.6	46	69.7	99.8	8.28	0.0692	303	7	100	15
6/19/2021	1:45 PM	29.604	0	0	0	0.179	94.3	46	70.3	101.2	8.26	0.0691	298	7	100	15
6/19/2021	2:00 PM	29.6	0	0	0	0.175	95	44	69.7	101.4	7.95	0.069	298	7	100	15
6/19/2021	2:15 PM	29.587	0	0	0	0.188	95.2	44	69.8	101.9	7.95	0.069	300	7	100	15
6/19/2021	2:30 PM	29.58	0	0	0	0.181	95.5	44	70.1	102.5	7.94	0.0689	304	7	100	15
6/19/2021	2:45 PM	29.574	0	0	0	0.181	95.2	44	69.8	101.9	7.95	0.0689	307	7	100	15
6/19/2021	3:00 PM	29.566	0	0	0	0.182	95.2	44	69.8	101.9	7.95	0.0689	302	7	100	15
6/19/2021	3:15 PM	29.552	0	0	0	0.182	95.5	44	70.1	102.5	7.94	0.0688	298	7	100	15
6/19/2021	3:30 PM	29.537	0	0	0	0.19	95.8	44	70.4	103.2	7.93	0.0687	301	7	100	15
6/19/2021	3:45 PM	29.524	0	0	0	0.186	95.6	44	70.2	102.7	7.94	0.0687	302	7	100	15
6/19/2021	4:00 PM	29.51	0	0	0	0.189	95.8	44	70.4	103.2	7.93	0.0687	306	7	100	15
6/19/2021	4:15 PM	29.526	0	0	0	0.186	95.5	44	70.1	102.5	7.94	0.0688	300	7	100	15
6/19/2021	4:30 PM	29.532	0	0	0	0.18	95.5	44	70.1	102.5	7.94	0.0688	303	7	100	15
6/19/2021	4:45 PM	29.538	0	0	0	0.17	94.6	44	69.3	100.7	7.96	0.069	298	7	100	15
6/19/2021	5:00 PM	29.535	0	0	0	0.16	94.1	44	68.9	99.7	7.97	0.069	302	7	100	15
6/19/2021	5:15 PM	29.531	0	0	0	0.161	93.8	45	69.2	99.6	8.15	0.069	305	7	100	15
6/19/2021	5:30 PM	29.527	0	0	0	0.167	93.7	45	69.2	99.4	8.15	0.0691	302	7	100	15
6/19/2021	5:45 PM	29.523	0	0	0	0.175	93.6	45	69.1	99.2	8.15	0.0691	303	7	100	15
6/19/2021	6:00 PM	29.513	0	0	0	0.185	93.4	45	68.9	98.9	8.15	0.0691	302	7	100	15
6/19/2021	6:15 PM	29.507	0	0	0	0.171	92.9	45	68.4	97.9	8.15	0.0691	300	7	100	15
6/19/2021	6:30 PM	29.506	0	0	0	0.158	92.4	46	68.6	97.5	8.3	0.0692	304	7	100	15
6/19/2021	6:45 PM	29.501	0	0	0	0.159	92.3	46	68.5	97.3	8.3	0.0692	303	7	100	15
6/19/2021	7:00 PM	29.5	0	0	0	0.152	92	46	68.3	96.7	8.31	0.0693	299	7	100	15
6/19/2021	7:15 PM	29.505	0	0	0	0.146	91.7	47	68.6	96.6	8.45	0.0693	296	7	99.7	15
6/19/2021	7:30 PM	29.508	0	0	0	0.143	91.3	47	68.2	95.9	8.45	0.0694	301	7	100	15
6/19/2021	7:45 PM	29.506	0	0	0	0.139	90.9	47	67.9	95.1	8.45	0.0694	303	7	100	15
6/19/2021	8:00 PM	29.504	0	0	0	0.133	90.4	48	68	94.7	8.64	0.0695	305	7	100	15
6/19/2021	8:15 PM	29.508	0	0	0	0.128	89.8	48	67.5	93.6	8.65	0.0696	305	7	100	15
6/19/2021	8:30 PM	29.506	0	0	0	0.118	89.3	49	67.6	93.1	8.85	0.0696	303	7	100	15
6/19/2021	8:45 PM	29.514	0	0	0	0.107	88.5	49	66.9	91.8	8.85	0.0698	301	7	100	15
6/19/2021	9:00 PM	29.517	0	0	0	0.097	87.9	50	66.9	91	9.05	0.0699	303	7	100	15
6/19/2021	9:15 PM	29.518	0	0	0	0.089	87.2	50	66.3	89.9	9.05	0.07	297	7	100	15
6/19/2021	9:30 PM	29.52	0	0	0	0.085	86.6	51	66.3	89.3	9.22	0.0701	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/19/2021	9:45 PM	72.5	73.2	72.5	80	66	0	SW	0	1	SW	72.5	74.1	74.1
6/19/2021	10:00 PM	71.9	72.6	71.9	81	65.8	0	SW	0	1	SW	71.9	73.5	73.5
6/19/2021	10:15 PM	71.5	71.9	71.5	82	65.7	0	SW	0	1	SW	71.5	73.1	73.1
6/19/2021	10:30 PM	71.2	71.5	71.2	82	65.4	0	SW	0	2	SW	71.2	72.8	72.8
6/19/2021	10:45 PM	70.8	71.3	70.8	84	65.7	0	SW	0	1	SW	70.8	72.5	72.5
6/19/2021	11:00 PM	70.4	70.8	70.4	84	65.3	0	---	0	0	---	70.4	72.1	72.1
6/19/2021	11:15 PM	69	70.3	69	87	65	1	ESE	0.25	2	SW	69	70.9	70.9
6/19/2021	11:30 PM	69.2	69.2	68.9	87	65.2	0	ESE	0	2	ESE	69.2	71.1	71.1
6/19/2021	11:45 PM	69.4	69.5	69.2	87	65.4	0	ESE	0	1	ESE	69.4	71.3	71.3
6/20/2021	12:00 AM	68.8	69.4	68.7	87	64.8	0	ESE	0	1	ESE	68.8	70.6	70.6
6/20/2021	12:15 AM	68.2	68.8	68.2	89	64.8	0	ESE	0	1	ESE	68.2	70	70
6/20/2021	12:30 AM	67.9	68.2	67.8	90	64.9	1	ESE	0.25	2	ESE	67.9	69.7	69.7
6/20/2021	12:45 AM	68.3	68.3	67.9	89	64.9	1	ENE	0.25	3	ENE	68.3	70.1	70.1
6/20/2021	1:00 AM	68.3	68.5	68.3	89	64.9	2	ENE	0.5	4	ENE	68.3	70.1	70.1
6/20/2021	1:15 AM	67.6	68.3	67.6	89	64.2	1	ENE	0.25	3	ENE	67.6	69.2	69.2
6/20/2021	1:30 AM	66.6	67.6	66.6	92	64.2	1	ENE	0.25	2	ENE	66.6	68.2	68.2
6/20/2021	1:45 AM	66.8	66.8	66.6	92	64.4	0	ENE	0	1	ENE	66.8	68.4	68.4
6/20/2021	2:00 AM	66.5	66.7	66.5	93	64.4	0	---	0	0	---	66.5	68.1	68.1
6/20/2021	2:15 AM	66.3	66.5	66.3	93	64.2	0	ENE	0	1	ENE	66.3	67.9	67.9
6/20/2021	2:30 AM	66.2	66.3	66.2	93	64.1	0	---	0	0	---	66.2	67.7	67.7
6/20/2021	2:45 AM	66.2	66.2	66.1	93	64.1	0	---	0	0	---	66.2	67.7	67.7
6/20/2021	3:00 AM	66	66.2	66	93	63.9	1	ENE	0.25	3	E	66	67.5	67.5
6/20/2021	3:15 AM	66.1	66.1	65.8	93	64	2	ENE	0.5	4	ENE	66.1	67.6	67.6
6/20/2021	3:30 AM	66.5	66.5	66.1	93	64.4	1	ENE	0.25	4	ENE	66.5	68.1	68.1
6/20/2021	3:45 AM	66.5	66.6	66.4	92	64.1	0	ENE	0	1	ENE	66.5	68.1	68.1
6/20/2021	4:00 AM	65.5	66.4	65.4	94	63.7	1	ENE	0.25	2	ENE	65.5	66.9	66.9
6/20/2021	4:15 AM	64.9	65.5	64.9	95	63.4	1	ENE	0.25	3	ENE	64.9	66.3	66.3
6/20/2021	4:30 AM	65.6	65.6	64.9	94	63.8	1	ENE	0.25	3	ENE	65.6	67.1	67.1
6/20/2021	4:45 AM	65.9	65.9	65.6	93	63.8	0	ENE	0	2	ENE	65.9	67.4	67.4
6/20/2021	5:00 AM	65.9	66	65.8	93	63.8	1	ENE	0.25	3	NNE	65.9	67.4	67.4
6/20/2021	5:15 AM	66	66.1	65.9	92	63.6	2	NE	0.5	3	NE	66	67.4	67.4
6/20/2021	5:30 AM	66	66	65.9	92	63.6	1	ENE	0.25	4	E	66	67.4	67.4
6/20/2021	5:45 AM	65.7	66	65.7	92	63.3	0	ENE	0	3	ENE	65.7	67.1	67.1
6/20/2021	6:00 AM	65.9	65.9	65.7	92	63.5	1	ENE	0.25	3	ENE	65.9	67.3	67.3
6/20/2021	6:15 AM	66.1	66.1	65.8	91	63.4	1	E	0.25	3	ENE	66.1	67.5	67.5
6/20/2021	6:30 AM	66.1	66.2	66	91	63.4	2	ENE	0.5	3	ENE	66.1	67.5	67.5
6/20/2021	6:45 AM	66	66.1	65.9	91	63.3	1	ENE	0.25	3	E	66	67.4	67.4
6/20/2021	7:00 AM	66	66.1	65.9	91	63.3	0	ENE	0	2	ENE	66	67.4	67.4
6/20/2021	7:15 AM	66.6	66.7	66	91	63.9	1	ENE	0.25	4	E	66.6	68.1	68.1

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/19/2021	9:45 PM	29.521	0	0	0	0.078	86.2	51	65.9	88.6	9.23	0.0702	304	7	100	15
6/19/2021	10:00 PM	29.526	0	0	0	0.072	85.7	52	66	88.2	9.35	0.0702	304	7	100	15
6/19/2021	10:15 PM	29.525	0	0	0	0.068	85.4	52	65.8	87.7	9.35	0.0703	304	7	100	15
6/19/2021	10:30 PM	29.528	0	0	0	0.065	85	52	65.4	87.1	9.35	0.0704	303	7	100	15
6/19/2021	10:45 PM	29.53	0	0	0	0.06	84.5	53	65.5	86.6	9.56	0.0704	305	7	100	15
6/19/2021	11:00 PM	29.527	0	0	0	0.056	84.1	53	65.1	86	9.57	0.0705	304	7	100	15
6/19/2021	11:15 PM	29.526	0	0	0	0.042	83.7	54	65.3	85.6	9.75	0.0705	304	7	100	15
6/19/2021	11:30 PM	29.529	0	0	0	0.044	83.4	54	65	85.2	9.75	0.0706	302	7	100	15
6/19/2021	11:45 PM	29.52	0	0	0	0.046	83	55	65.2	84.8	9.85	0.0706	304	7	100	15
6/20/2021	12:00 AM	29.521	0	0	0	0.04	82.6	55	64.8	84.2	9.85	0.0707	302	7	100	15
6/20/2021	12:15 AM	29.525	0	0	0	0.033	82.4	55	64.6	83.9	9.85	0.0707	305	7	100	15
6/20/2021	12:30 AM	29.523	0	0	0	0.03	82.2	56	64.9	83.8	10.05	0.0707	305	7	100	15
6/20/2021	12:45 AM	29.518	0	0	0	0.034	82	56	64.8	83.5	10.05	0.0708	306	7	100	15
6/20/2021	1:00 AM	29.515	0	0	0	0.034	81.9	56	64.7	83.3	10.05	0.0708	306	7	100	15
6/20/2021	1:15 AM	29.51	0	0	0	0.027	81.7	57	65	83.2	10.18	0.0708	304	7	100	15
6/20/2021	1:30 AM	29.504	0	0	0	0.017	81.3	57	64.6	82.7	10.18	0.0708	303	7	100	15
6/20/2021	1:45 AM	29.506	0	0	0	0.019	81	57	64.3	82.3	10.17	0.0709	304	7	100	15
6/20/2021	2:00 AM	29.508	0	0	0	0.016	80.8	57	64.1	82	10.17	0.0709	303	7	100	15
6/20/2021	2:15 AM	29.512	0	0	0	0.014	80.6	58	64.5	81.9	10.35	0.071	301	7	100	15
6/20/2021	2:30 AM	29.51	0	0	0	0.012	80.3	58	64.2	81.4	10.35	0.071	301	7	100	15
6/20/2021	2:45 AM	29.515	0	0	0	0.012	80.1	59	64.5	81.2	10.55	0.071	305	7	100	15
6/20/2021	3:00 AM	29.501	0	0	0	0.01	79.9	59	64.3	81	10.55	0.071	305	7	100	15
6/20/2021	3:15 AM	29.495	0	0	0	0.011	79.9	59	64.3	81	10.55	0.071	303	7	100	15
6/20/2021	3:30 AM	29.495	0	0	0	0.016	79.8	59	64.2	80.8	10.56	0.071	304	7	100	15
6/20/2021	3:45 AM	29.49	0	0	0	0.016	79.8	59	64.2	80.8	10.56	0.071	301	7	100	15
6/20/2021	4:00 AM	29.482	0	0	0	0.005	79.6	59	64	80.6	10.57	0.071	306	7	100	15
6/20/2021	4:15 AM	29.477	0	0	0.001	0	79.4	59	63.8	80.3	10.57	0.0711	304	7	100	15
6/20/2021	4:30 AM	29.472	0	0	0	0.006	79.3	59	63.7	80.2	10.58	0.0711	304	7	100	15
6/20/2021	4:45 AM	29.474	0	0	0	0.009	79.3	60	64.2	80.3	10.78	0.071	304	7	100	15
6/20/2021	5:00 AM	29.47	0	0	0	0.009	79.2	60	64.1	80.2	10.78	0.0711	303	7	100	15
6/20/2021	5:15 AM	29.468	0	0	0	0.01	79.2	60	64.1	80.2	10.78	0.071	303	7	100	15
6/20/2021	5:30 AM	29.46	0	0	0	0.01	79.2	60	64.1	80.2	10.78	0.071	302	7	100	15
6/20/2021	5:45 AM	29.454	0	0	0	0.007	79	60	63.9	79.9	10.79	0.071	304	7	100	15
6/20/2021	6:00 AM	29.452	0	0	0	0.009	78.9	60	63.8	79.8	10.79	0.0711	304	7	100	15
6/20/2021	6:15 AM	29.46	0	0	0	0.011	78.8	60	63.7	79.7	10.8	0.0711	304	7	100	15
6/20/2021	6:30 AM	29.462	0	0	0	0.011	78.7	60	63.6	79.5	10.8	0.0711	304	7	100	15
6/20/2021	6:45 AM	29.474	0	0	0	0.01	78.7	60	63.6	79.5	10.8	0.0712	305	7	100	15
6/20/2021	7:00 AM	29.484	0	0	0	0.01	78.8	60	63.7	79.7	10.8	0.0712	304	7	100	15
6/20/2021	7:15 AM	29.484	0	0	0	0.017	79	60	63.9	79.9	10.79	0.0711	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/20/2021	7:30 AM	68.1	68.1	66.6	88	64.4	2	ENE	0.5	6	NE	68.1	69.8	69.8
6/20/2021	7:45 AM	69.2	69.2	68.1	86	64.8	2	NE	0.5	6	NE	69.2	71	71
6/20/2021	8:00 AM	69.7	69.7	69.2	85	65	2	ENE	0.5	4	ENE	69.7	71.4	71.4
6/20/2021	8:15 AM	70.1	70.2	69.6	85	65.4	2	ENE	0.5	4	ENE	70.1	71.8	71.8
6/20/2021	8:30 AM	70.8	70.8	70.2	83	65.4	2	NE	0.5	5	ENE	70.8	72.5	72.5
6/20/2021	8:45 AM	71.8	71.9	70.8	83	66.4	2	ENE	0.5	5	NE	71.8	73.5	73.5
6/20/2021	9:00 AM	72.8	72.8	71.9	80	66.3	2	ENE	0.5	5	ENE	72.8	74.5	74.5
6/20/2021	9:15 AM	73.9	73.9	72.8	79	67	3	ENE	0.75	6	NE	73.9	75.7	75.7
6/20/2021	9:30 AM	74.7	74.8	73.8	75	66.2	2	NE	0.5	5	NE	74.7	76.3	76.3
6/20/2021	9:45 AM	75.3	75.3	74.8	75	66.8	2	NE	0.5	6	NE	75.3	77.1	77.1
6/20/2021	10:00 AM	75.7	75.7	75.3	73	66.4	2	NE	0.5	5	NE	75.7	77.4	77.4
6/20/2021	10:15 AM	76.7	76.7	75.7	71	66.6	1	NE	0.25	5	NE	76.7	78.4	78.4
6/20/2021	10:30 AM	77.4	77.4	76.7	70	66.8	2	ENE	0.5	7	ENE	77.4	79.2	79.2
6/20/2021	10:45 AM	78.4	78.4	77.4	67	66.5	1	ENE	0.25	4	E	78.4	80.2	80.2
6/20/2021	11:00 AM	79	79	78.4	66	66.7	2	ENE	0.5	8	ENE	79	80.9	80.9
6/20/2021	11:15 AM	79.3	79.6	78.9	64	66.1	2	N	0.5	5	NNE	79.3	81	81
6/20/2021	11:30 AM	79.8	80	79.3	66	67.4	2	SW	0.5	4	ENE	79.8	82.1	82.1
6/20/2021	11:45 AM	80.4	80.5	79.8	62	66.2	3	ENE	0.75	9	ENE	80.4	82.2	82.2
6/20/2021	12:00 PM	80.6	80.6	80.1	66	68.2	2	ENE	0.5	6	N	80.6	83.3	83.3
6/20/2021	12:15 PM	81.6	81.6	80.7	63	67.8	3	NE	0.75	6	ENE	81.6	84.3	84.3
6/20/2021	12:30 PM	82	82.1	81.6	65	69.1	3	NE	0.75	7	ENE	82	85.4	85.4
6/20/2021	12:45 PM	82.6	82.6	82	60	67.3	2	ENE	0.5	8	ENE	82.6	85.2	85.2
6/20/2021	1:00 PM	82.9	83.1	82.7	60	67.6	1	N	0.25	4	SW	82.9	85.6	85.6
6/20/2021	1:15 PM	82.5	83.1	82.5	61	67.7	3	ENE	0.75	8	N	82.5	85.3	85.3
6/20/2021	1:30 PM	82	82.5	81.9	65	69.1	2	ENE	0.5	5	NNE	82	85.4	85.4
6/20/2021	1:45 PM	82.9	82.9	82	64	69.5	3	NE	0.75	7	NE	82.9	86.7	86.7
6/20/2021	2:00 PM	83.3	83.8	82.9	61	68.4	3	ENE	0.75	10	NE	83.3	86.6	86.6
6/20/2021	2:15 PM	84	84.1	83.3	56	66.6	3	ENE	0.75	8	E	84	86.5	86.5
6/20/2021	2:30 PM	84.9	84.9	84.1	57	68	2	NNE	0.5	8	ENE	84.9	88.3	88.3
6/20/2021	2:45 PM	85	85.2	84.9	54	66.5	3	ENE	0.75	8	NNE	85	87.6	87.6
6/20/2021	3:00 PM	85.8	85.8	84.9	57	68.8	2	NNW	0.5	5	ENE	85.8	89.8	89.8
6/20/2021	3:15 PM	86.5	86.5	85.8	54	67.9	2	NNE	0.5	6	N	86.5	90.1	90.1
6/20/2021	3:30 PM	87	87	86.5	52	67.2	2	SW	0.5	8	WNW	87	90.3	90.3
6/20/2021	3:45 PM	86.7	87.2	86.7	54	68.1	3	NNE	0.75	10	E	86.7	90.4	90.4
6/20/2021	4:00 PM	87	87	86.7	52	67.2	3	ENE	0.75	9	NE	87	90.3	90.3
6/20/2021	4:15 PM	88	88	87.1	52	68.2	2	WNW	0.5	5	SSW	88	92	92
6/20/2021	4:30 PM	88.6	88.7	88	50	67.6	1	E	0.25	4	ENE	88.6	92.3	92.3
6/20/2021	4:45 PM	88.8	88.9	88.3	56	71.1	2	ENE	0.5	5	NE	88.8	95.2	95.2
6/20/2021	5:00 PM	88.5	88.8	88.2	51	68.1	2	NNE	0.5	6	ENE	88.5	92.5	92.5

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/20/2021	7:30 AM	29.487	0	0	0	0.032	79.5	60	64.4	80.6	10.77	0.071	303	7	100	15
6/20/2021	7:45 AM	29.495	0	0	0	0.044	79.9	60	64.8	81.1	10.75	0.071	305	7	100	15
6/20/2021	8:00 AM	29.497	0	0	0	0.049	80.2	60	65.1	81.5	10.75	0.0709	303	7	100	15
6/20/2021	8:15 AM	29.495	0	0	0	0.053	80.7	60	65.5	82.2	10.75	0.0708	305	7	100	15
6/20/2021	8:30 AM	29.493	0	0	0	0.06	81.2	59	65.5	82.9	10.55	0.0708	300	7	100	15
6/20/2021	8:45 AM	29.495	0	0	0	0.071	81.7	59	66	83.6	10.55	0.0707	305	7	100	15
6/20/2021	9:00 AM	29.496	0	0	0	0.081	82.4	59	66.6	84.7	10.55	0.0706	301	7	100	15
6/20/2021	9:15 AM	29.488	0	0	0	0.093	83	58	66.7	85.4	10.35	0.0705	306	7	100	15
6/20/2021	9:30 AM	29.484	0	0	0	0.101	83.7	58	67.4	86.5	10.35	0.0703	303	7	100	15
6/20/2021	9:45 AM	29.469	0	0	0	0.107	84.3	57	67.4	87.3	10.24	0.0702	302	7	100	15
6/20/2021	10:00 AM	29.464	0	0	0	0.111	84.9	57	68	88.3	10.25	0.0701	305	7	100	15
6/20/2021	10:15 AM	29.46	0	0	0	0.122	85.8	56	68.3	89.5	10.03	0.0699	301	7	100	15
6/20/2021	10:30 AM	29.455	0	0	0	0.129	87	55	68.9	91.3	9.81	0.0697	302	7	100	15
6/20/2021	10:45 AM	29.46	0	0	0	0.14	88.1	54	69.4	93	9.69	0.0696	302	7	100	15
6/20/2021	11:00 AM	29.464	0	0	0	0.146	89.4	53	70	95.1	9.46	0.0694	304	7	100	15
6/20/2021	11:15 AM	29.467	0	0	0	0.149	90.4	52	70.4	96.6	9.33	0.0692	301	7	100	15
6/20/2021	11:30 AM	29.464	0	0	0	0.154	90.9	51	70.3	97	9.13	0.0692	304	7	100	15
6/20/2021	11:45 AM	29.462	0	0	0	0.16	91.9	50	70.6	98.5	8.97	0.069	302	7	100	15
6/20/2021	12:00 PM	29.456	0	0	0	0.162	92.8	50	71.4	100.4	8.94	0.0689	297	7	100	15
6/20/2021	12:15 PM	29.455	0	0	0	0.173	93.4	49	71.4	101.1	8.78	0.0688	301	7	100	15
6/20/2021	12:30 PM	29.451	0	0	0	0.177	94.2	49	72.1	102.8	8.77	0.0686	301	7	100	15
6/20/2021	12:45 PM	29.444	0	0	0	0.183	94.8	48	72	103.5	8.55	0.0685	302	7	100	15
6/20/2021	1:00 PM	29.436	0	0	0	0.186	95.4	47	72	104.2	8.43	0.0685	304	7	100	15
6/20/2021	1:15 PM	29.429	0	0	0	0.182	96	46	71.9	104.9	8.23	0.0684	302	7	100	15
6/20/2021	1:30 PM	29.427	0	0	0	0.177	95.6	46	71.5	104	8.24	0.0684	302	7	100	15
6/20/2021	1:45 PM	29.417	0	0	0	0.186	95.8	46	71.7	104.5	8.23	0.0684	301	7	100	15
6/20/2021	2:00 PM	29.41	0	0	0	0.191	96.7	45	71.9	105.7	8.12	0.0682	303	7	100	15
6/20/2021	2:15 PM	29.401	0	0	0	0.198	97	44	71.5	105.7	7.91	0.0682	300	7	100	15
6/20/2021	2:30 PM	29.398	0	0	0	0.207	97.5	44	71.9	106.8	7.9	0.0681	303	7	100	15
6/20/2021	2:45 PM	29.397	0	0	0	0.208	98	43	71.7	107.2	7.75	0.0681	302	7	100	15
6/20/2021	3:00 PM	29.391	0	0	0	0.217	98.5	43	72.1	108.3	7.75	0.068	301	7	100	15
6/20/2021	3:15 PM	29.389	0	0	0	0.224	98.9	42	71.8	108.4	7.55	0.0679	305	7	100	15
6/20/2021	3:30 PM	29.386	0	0	0	0.229	99.1	42	72	108.9	7.55	0.0679	304	7	100	15
6/20/2021	3:45 PM	29.385	0	0	0	0.226	99.4	42	72.3	109.6	7.55	0.0678	300	7	100	15
6/20/2021	4:00 PM	29.375	0	0	0	0.229	99.4	41	71.5	108.8	7.45	0.0678	304	7	100	15
6/20/2021	4:15 PM	29.367	0	0	0	0.24	99.4	41	71.5	108.8	7.45	0.0678	304	7	100	15
6/20/2021	4:30 PM	29.364	0	0	0	0.246	99.2	41	71.4	108.3	7.45	0.0679	305	7	100	15
6/20/2021	4:45 PM	29.36	0	0	0	0.248	98.9	41	71.1	107.7	7.45	0.0679	305	7	100	15
6/20/2021	5:00 PM	29.362	0	0	0	0.245	98.5	41	70.7	106.8	7.45	0.068	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/20/2021	5:15 PM	88.3	88.6	88.1	52	68.4	4	NE	1	9	NE	88.3	92.6	92.6
6/20/2021	5:30 PM	87.2	88.3	87.2	54	68.5	1	ENE	0.25	5	NE	87.2	91.3	91.3
6/20/2021	5:45 PM	85.3	87.2	85.3	61	70.3	1	SW	0.25	2	SW	85.3	90.2	90.2
6/20/2021	6:00 PM	85.5	85.5	84.8	57	68.5	1	WNW	0.25	8	WNW	85.5	89.3	89.3
6/20/2021	6:15 PM	86.4	86.4	85.4	57	69.4	2	WSW	0.5	6	W	86.4	90.9	90.9
6/20/2021	6:30 PM	85.6	86.5	85.5	57	68.6	2	W	0.5	8	WNW	85.6	89.5	89.5
6/20/2021	6:45 PM	85.3	85.9	85.2	56	67.8	1	W	0.25	4	SSW	85.3	88.7	88.7
6/20/2021	7:00 PM	86.4	86.4	85.2	55	68.3	2	WNW	0.5	7	WNW	86.4	90.2	90.2
6/20/2021	7:15 PM	87	87	86.4	55	68.9	1	W	0.25	4	NNW	87	91.3	91.3
6/20/2021	7:30 PM	86.6	87	86.6	56	69	1	WNW	0.25	4	NNE	86.6	90.9	90.9
6/20/2021	7:45 PM	84.6	86.6	84.6	58	68.2	1	W	0.25	4	W	84.6	88.1	88.1
6/20/2021	8:00 PM	84.3	84.6	84	58	67.9	1	WNW	0.25	4	W	84.3	87.5	87.5
6/20/2021	8:15 PM	83.5	84.5	83.5	61	68.6	1	NW	0.25	4	NW	83.5	86.9	86.9
6/20/2021	8:30 PM	82.1	83.5	82.1	63	68.3	1	WNW	0.25	3	SW	82.1	85.1	85.1
6/20/2021	8:45 PM	81.2	82.1	81.2	65	68.3	0	WSW	0	3	WNW	81.2	84	84
6/20/2021	9:00 PM	79.8	81.2	79.8	67	67.9	0	SW	0	2	WSW	79.8	82.3	82.3
6/20/2021	9:15 PM	78.6	79.7	78.6	69	67.6	1	SW	0.25	2	SW	78.6	80.7	80.7
6/20/2021	9:30 PM	77.5	78.6	77.5	71	67.4	1	SW	0.25	2	SW	77.5	79.4	79.4
6/20/2021	9:45 PM	76.7	77.5	76.7	73	67.4	0	SW	0	1	SW	76.7	78.6	78.6
6/20/2021	10:00 PM	76.4	76.7	76.3	74	67.5	0	SW	0	2	SW	76.4	78.3	78.3
6/20/2021	10:15 PM	76.7	76.7	76.4	73	67.4	0	S	0	2	S	76.7	78.6	78.6
6/20/2021	10:30 PM	76.7	76.9	76.6	74	67.8	0	S	0	2	S	76.7	78.7	78.7
6/20/2021	10:45 PM	76	76.6	76	75	67.5	0	---	0	0	---	76	77.9	77.9
6/20/2021	11:00 PM	75.7	76	75.7	76	67.6	0	---	0	0	---	75.7	77.6	77.6
6/20/2021	11:15 PM	75.3	75.7	75.3	78	68	0	---	0	0	---	75.3	77.3	77.3
6/20/2021	11:30 PM	74.5	75.3	74.5	79	67.6	0	S	0	1	S	74.5	76.4	76.4
6/20/2021	11:45 PM	73.6	74.5	73.6	81	67.4	0	S	0	1	S	73.6	75.5	75.5
6/21/2021	12:00 AM	73.1	73.6	73.1	82	67.3	0	S	0	1	S	73.1	74.9	74.9
6/21/2021	12:15 AM	73.5	73.5	72.9	82	67.7	1	S	0.25	2	S	73.5	75.4	75.4
6/21/2021	12:30 AM	74	74.1	73.4	81	67.8	1	S	0.25	3	S	74	75.9	75.9
6/21/2021	12:45 AM	73.4	74	73.3	82	67.6	0	S	0	1	S	73.4	75.3	75.3
6/21/2021	1:00 AM	72.8	73.4	72.8	83	67.3	0	---	0	0	---	72.8	74.6	74.6
6/21/2021	1:15 AM	72.3	72.8	72.3	85	67.5	0	---	0	0	---	72.3	74.1	74.1
6/21/2021	1:30 AM	71.9	72.3	71.8	85	67.1	0	S	0	1	S	71.9	73.7	73.7
6/21/2021	1:45 AM	71.4	71.9	71.4	86	67	0	S	0	1	S	71.4	73.3	73.3
6/21/2021	2:00 AM	71.1	71.5	71.1	87	67	0	---	0	0	---	71.1	73	73
6/21/2021	2:15 AM	70.9	71.1	70.8	88	67.2	0	S	0	2	S	70.9	72.9	72.9
6/21/2021	2:30 AM	71	71	70.9	88	67.3	0	S	0	2	S	71	73	73
6/21/2021	2:45 AM	70.6	71	70.6	88	66.9	0	S	0	1	S	70.6	72.6	72.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/20/2021	5:15 PM	29.367	0	0	0	0.243	97.9	42	70.9	106.3	7.55	0.068	303	7	100	15
6/20/2021	5:30 PM	29.368	0	0	0	0.231	97.6	42	70.6	105.6	7.55	0.0681	305	7	100	15
6/20/2021	5:45 PM	29.373	0	0	0	0.211	96.9	43	70.7	104.8	7.75	0.0682	304	7	100	15
6/20/2021	6:00 PM	29.374	0	0	0	0.214	96.5	44	71	104.6	7.92	0.0682	302	7	100	15
6/20/2021	6:15 PM	29.379	0	0	0	0.223	96.5	43	70.3	104	7.75	0.0683	304	7	100	15
6/20/2021	6:30 PM	29.379	0	0	0	0.215	96.5	43	70.3	104	7.75	0.0683	304	7	100	15
6/20/2021	6:45 PM	29.376	0	0	0	0.211	96.1	43	70	103.2	7.75	0.0683	303	7	100	15
6/20/2021	7:00 PM	29.374	0	0	0	0.223	95.7	43	69.6	102.3	7.75	0.0684	305	7	100	15
6/20/2021	7:15 PM	29.376	0	0	0	0.229	95.7	43	69.6	102.3	7.75	0.0684	302	7	100	15
6/20/2021	7:30 PM	29.38	0	0	0	0.225	95.5	44	70.1	102.5	7.94	0.0684	301	7	100	15
6/20/2021	7:45 PM	29.387	0	0	0	0.204	94.9	44	69.6	101.2	7.95	0.0685	302	7	100	15
6/20/2021	8:00 PM	29.39	0	0	0	0.201	94.3	44	69	100.1	7.96	0.0687	303	7	100	15
6/20/2021	8:15 PM	29.391	0	0	0	0.193	94.1	45	69.5	100.2	8.15	0.0687	305	7	100	15
6/20/2021	8:30 PM	29.391	0	0	0	0.178	93.6	45	69.1	99.2	8.15	0.0687	302	7	100	15
6/20/2021	8:45 PM	29.391	0	0	0	0.169	93	46	69.2	98.6	8.29	0.0688	303	7	100	15
6/20/2021	9:00 PM	29.393	0	0	0	0.154	92.3	46	68.5	97.3	8.3	0.0689	304	7	100	15
6/20/2021	9:15 PM	29.392	0	0	0	0.142	91.4	47	68.3	96.1	8.45	0.0691	304	7	100	15
6/20/2021	9:30 PM	29.394	0	0	0	0.13	90.8	47	67.8	95	8.45	0.0692	301	7	100	15
6/20/2021	9:45 PM	29.402	0	0	0	0.122	90.2	48	67.9	94.3	8.65	0.0693	303	7	100	15
6/20/2021	10:00 PM	29.409	0	0	0	0.119	89.8	49	68.1	94	8.85	0.0693	304	7	100	15
6/20/2021	10:15 PM	29.417	0	0	0	0.122	89.7	49	68	93.9	8.85	0.0694	306	7	100	15
6/20/2021	10:30 PM	29.423	0	0	0	0.122	89.4	49	67.7	93.3	8.85	0.0694	304	7	100	15
6/20/2021	10:45 PM	29.426	0	0	0	0.115	89	50	67.9	93	9.05	0.0695	302	7	100	15
6/20/2021	11:00 PM	29.429	0	0	0	0.111	88.8	50	67.8	92.6	9.05	0.0695	303	7	100	15
6/20/2021	11:15 PM	29.424	0	0	0	0.107	88.5	51	68.1	92.5	9.18	0.0695	305	7	100	15
6/20/2021	11:30 PM	29.42	0	0	0	0.099	88	51	67.6	91.6	9.19	0.0696	303	7	100	15
6/20/2021	11:45 PM	29.42	0	0	0	0.09	87.5	52	67.7	91.1	9.35	0.0697	303	7	100	15
6/21/2021	12:00 AM	29.42	0	0	0	0.084	86.9	52	67.2	90.1	9.35	0.0698	302	7	100	15
6/21/2021	12:15 AM	29.422	0	0	0	0.089	86.7	52	67	89.8	9.35	0.0698	300	7	100	15
6/21/2021	12:30 AM	29.421	0	0	0	0.094	86.6	53	67.4	89.9	9.52	0.0698	305	7	100	15
6/21/2021	12:45 AM	29.423	0	0	0	0.088	86.3	53	67.2	89.4	9.52	0.0699	306	7	100	15
6/21/2021	1:00 AM	29.423	0	0	0	0.081	86.1	54	67.5	89.4	9.73	0.0699	305	7	100	15
6/21/2021	1:15 AM	29.423	0	0	0	0.076	85.7	54	67.1	88.7	9.74	0.0699	301	7	100	15
6/21/2021	1:30 AM	29.421	0	0	0	0.072	85.4	55	67.4	88.5	9.84	0.0699	305	7	100	15
6/21/2021	1:45 AM	29.423	0	0	0	0.067	85	55	67	87.9	9.85	0.07	306	7	100	15
6/21/2021	2:00 AM	29.421	0	0	0	0.064	84.8	55	66.8	87.6	9.85	0.0701	305	7	100	15
6/21/2021	2:15 AM	29.419	0	0	0	0.061	84.5	56	67.1	87.4	10.05	0.0701	302	7	100	15
6/21/2021	2:30 AM	29.415	0	0	0	0.063	84.3	56	66.9	87	10.05	0.0701	302	7	100	15
6/21/2021	2:45 AM	29.415	0	0	0	0.058	84	56	66.6	86.5	10.05	0.0702	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/21/2021	3:00 AM	70.3	70.6	70.2	89	66.9	0	S	0	1	S	70.3	72.3	72.3
6/21/2021	3:15 AM	69.9	70.2	69.9	90	66.8	0	S	0	1	S	69.9	72	72
6/21/2021	3:30 AM	69.6	69.9	69.6	90	66.5	0	S	0	1	S	69.6	71.7	71.7
6/21/2021	3:45 AM	69.5	69.6	69.5	91	66.8	0	---	0	0	---	69.5	71.7	71.7
6/21/2021	4:00 AM	69.5	69.5	69.4	91	66.8	0	---	0	0	---	69.5	71.7	71.7
6/21/2021	4:15 AM	69.3	69.5	69.3	91	66.6	0	S	0	1	S	69.3	71.5	71.5
6/21/2021	4:30 AM	69	69.3	69	91	66.3	0	---	0	0	---	69	71.2	71.2
6/21/2021	4:45 AM	69.1	69.2	69	92	66.7	0	---	0	0	---	69.1	71.4	71.4
6/21/2021	5:00 AM	69.2	69.3	69.1	92	66.8	0	S	0	1	S	69.2	71.5	71.5
6/21/2021	5:15 AM	69.2	69.3	69.2	92	66.8	0	---	0	0	---	69.2	71.5	71.5
6/21/2021	5:30 AM	69	69.2	69	92	66.6	0	S	0	1	S	69	71.3	71.3
6/21/2021	5:45 AM	69	69.1	69	92	66.6	0	S	0	1	S	69	71.3	71.3
6/21/2021	6:00 AM	68.7	69.1	68.7	93	66.6	0	S	0	1	S	68.7	70.9	70.9
6/21/2021	6:15 AM	68.6	68.8	68.6	93	66.5	0	S	0	1	S	68.6	70.8	70.8
6/21/2021	6:30 AM	68.6	68.7	68.6	93	66.5	0	---	0	0	---	68.6	70.8	70.8
6/21/2021	6:45 AM	69	69	68.6	93	66.9	0	---	0	0	---	69	71.3	71.3
6/21/2021	7:00 AM	69.7	69.7	69	93	67.6	0	S	0	1	S	69.7	72.1	72.1
6/21/2021	7:15 AM	70.2	70.2	69.7	93	68.1	0	---	0	0	---	70.2	72.6	72.6
6/21/2021	7:30 AM	71.2	71.2	70.2	91	68.4	0	SSW	0	2	SSW	71.2	73.4	73.4
6/21/2021	7:45 AM	72.2	72.2	71.2	90	69.1	0	SSW	0	2	SSW	72.2	74.3	74.3
6/21/2021	8:00 AM	72.6	72.8	72.2	90	69.5	1	WSW	0.25	3	NW	72.6	74.7	74.7
6/21/2021	8:15 AM	72.8	72.8	72.6	90	69.7	2	WNW	0.5	7	WNW	72.8	74.9	74.9
6/21/2021	8:30 AM	72.9	72.9	72.7	88	69.1	2	WNW	0.5	6	WNW	72.9	74.9	74.9
6/21/2021	8:45 AM	73.4	73.4	72.9	89	70	1	WNW	0.25	3	NW	73.4	75.5	75.5
6/21/2021	9:00 AM	73.9	73.9	73.4	87	69.8	2	WNW	0.5	4	NW	73.9	76	76
6/21/2021	9:15 AM	74	74.2	73.8	86	69.5	2	NW	0.5	4	NW	74	76.1	76.1
6/21/2021	9:30 AM	74	74.2	74	87	69.9	1	W	0.25	6	WNW	74	76.1	76.1
6/21/2021	9:45 AM	74.3	74.4	74	87	70.2	1	NW	0.25	6	SSE	74.3	76.6	76.6
6/21/2021	10:00 AM	74.5	74.6	74.3	87	70.4	1	NW	0.25	4	N	74.5	76.8	76.8
6/21/2021	10:15 AM	75.6	75.6	74.6	85	70.8	1	WNW	0.25	7	WNW	75.6	78.2	78.2
6/21/2021	10:30 AM	77.6	77.6	75.6	88	73.8	2	NW	0.5	6	W	77.6	81.6	81.6
6/21/2021	10:45 AM	78	78.1	77.5	83	72.4	2	W	0.5	8	WSW	78	81.7	81.7
6/21/2021	11:00 AM	79.5	79.6	78	83	73.9	3	W	0.75	8	SSE	79.5	84.6	84.6
6/21/2021	11:15 AM	79.5	79.6	79.3	78	72	3	NNW	0.75	11	NW	79.5	83.7	83.7
6/21/2021	11:30 AM	79.9	79.9	79.4	78	72.4	2	SSW	0.5	7	NW	79.9	84.5	84.5
6/21/2021	11:45 AM	81.1	81.1	79.9	74	72	3	W	0.75	9	N	81.1	86	86
6/21/2021	12:00 PM	81.1	81.6	81	72	71.2	3	WNW	0.75	10	NW	81.1	85.5	85.5
6/21/2021	12:15 PM	82.4	82.4	81.1	70	71.6	4	WSW	1	16	WNW	82.4	87.5	87.5
6/21/2021	12:30 PM	82.9	83	82.4	75	74.2	3	W	0.75	9	NW	82.9	90	90

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/21/2021	3:00 AM	29.416	0	0	0	0.055	83.8	57	66.9	86.5	10.23	0.0702	300	7	100	15
6/21/2021	3:15 AM	29.422	0	0	0	0.051	83.5	57	66.7	86	10.22	0.0702	304	7	100	15
6/21/2021	3:30 AM	29.42	0	0	0	0.048	83.3	57	66.5	85.7	10.22	0.0703	301	7	100	15
6/21/2021	3:45 AM	29.428	0	0	0	0.047	83.2	57	66.4	85.5	10.21	0.0703	304	7	100	15
6/21/2021	4:00 AM	29.43	0	0	0	0.047	83.1	58	66.8	85.6	10.35	0.0703	302	7	100	15
6/21/2021	4:15 AM	29.437	0	0	0	0.045	82.9	58	66.6	85.2	10.35	0.0704	301	7	100	15
6/21/2021	4:30 AM	29.445	0	0	0	0.042	82.7	58	66.4	84.9	10.35	0.0704	302	7	100	15
6/21/2021	4:45 AM	29.451	0	0	0	0.043	82.7	58	66.4	84.9	10.35	0.0704	298	7	100	15
6/21/2021	5:00 AM	29.456	0	0	0	0.044	82.6	59	66.8	85	10.55	0.0704	303	7	100	15
6/21/2021	5:15 AM	29.458	0	0	0	0.044	82.6	59	66.8	85	10.55	0.0704	302	7	100	15
6/21/2021	5:30 AM	29.457	0	0	0	0.042	82.4	59	66.6	84.7	10.55	0.0705	302	7	100	15
6/21/2021	5:45 AM	29.462	0	0	0	0.042	82.2	59	66.4	84.3	10.55	0.0705	303	7	100	15
6/21/2021	6:00 AM	29.466	0	0	0	0.039	82	59	66.3	84	10.55	0.0706	307	7	100	15
6/21/2021	6:15 AM	29.468	0	0	0	0.037	81.9	59	66.2	83.9	10.55	0.0706	302	7	100	15
6/21/2021	6:30 AM	29.473	0	0	0	0.037	81.9	60	66.6	84.1	10.75	0.0706	302	7	100	15
6/21/2021	6:45 AM	29.478	0	0	0	0.042	82	60	66.7	84.2	10.75	0.0706	299	7	100	15
6/21/2021	7:00 AM	29.476	0	0	0	0.049	82.3	60	67	84.7	10.75	0.0705	304	7	100	15
6/21/2021	7:15 AM	29.474	0	0	0	0.054	82.6	60	67.3	85.2	10.75	0.0704	302	7	100	15
6/21/2021	7:30 AM	29.475	0	0	0	0.065	83	60	67.7	85.8	10.75	0.0704	304	7	100	15
6/21/2021	7:45 AM	29.476	0	0	0	0.075	83.3	60	68	86.3	10.75	0.0703	305	7	100	15
6/21/2021	8:00 AM	29.476	0	0	0	0.079	83.9	60	68.5	87.3	10.75	0.0702	300	7	100	15
6/21/2021	8:15 AM	29.475	0	0	0	0.081	84.3	60	68.9	88	10.75	0.0701	304	7	100	15
6/21/2021	8:30 AM	29.477	0	0	0	0.082	84.8	60	69.4	88.9	10.75	0.07	303	7	100	15
6/21/2021	8:45 AM	29.472	0	0	0	0.088	85.2	60	69.7	89.7	10.74	0.07	303	7	100	15
6/21/2021	9:00 AM	29.471	0	0	0	0.093	85.7	60	70.2	90.6	10.72	0.0699	306	7	100	15
6/21/2021	9:15 AM	29.466	0	0	0	0.094	86.1	60	70.6	91.4	10.71	0.0698	304	7	100	15
6/21/2021	9:30 AM	29.463	0	0	0	0.094	86.3	59	70.3	91.4	10.52	0.0698	304	7	100	15
6/21/2021	9:45 AM	29.457	0	0	0	0.097	86.6	59	70.6	92	10.52	0.0697	301	7	100	15
6/21/2021	10:00 AM	29.451	0	0	0	0.099	86.7	59	70.7	92.2	10.52	0.0697	305	7	100	15
6/21/2021	10:15 AM	29.449	0	0	0	0.11	87.1	59	71	93	10.51	0.0696	305	7	100	15
6/21/2021	10:30 AM	29.447	0	0	0	0.131	88.1	59	72	95.1	10.49	0.0694	300	7	100	15
6/21/2021	10:45 AM	29.443	0	0	0	0.135	89.4	58	72.7	97.4	10.26	0.0692	301	7	100	15
6/21/2021	11:00 AM	29.437	0	0	0	0.151	90.8	57	73.5	100	10.05	0.0689	304	7	100	15
6/21/2021	11:15 AM	29.438	0	0	0	0.151	91.4	56	73.5	100.8	9.92	0.0689	302	7	100	15
6/21/2021	11:30 AM	29.44	0	0	0	0.155	91.5	55	73.1	100.4	9.69	0.0689	305	7	100	15
6/21/2021	11:45 AM	29.439	0	0	0	0.168	92.5	55	74	102.8	9.65	0.0687	304	7	100	15
6/21/2021	12:00 PM	29.441	0	0	0	0.168	93.4	54	74.3	104.3	9.51	0.0686	305	7	100	15
6/21/2021	12:15 PM	29.436	0	0	0	0.181	94.2	53	74.4	105.5	9.28	0.0684	306	7	100	15
6/21/2021	12:30 PM	29.44	0	0	0	0.186	94.9	52	74.5	106.5	9.15	0.0684	302	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/21/2021	12:45 PM	82.5	83.8	82.5	66	70	3	WNW	0.75	9	S	82.5	86.6	86.6
6/21/2021	1:00 PM	82.9	82.9	81.4	66	70.4	3	NW	0.75	12	NW	82.9	87.3	87.3
6/21/2021	1:15 PM	82.8	84.1	82.8	65	69.8	4	WSW	1	11	SSW	82.8	86.8	86.8
6/21/2021	1:30 PM	83.9	84.1	82.7	62	69.5	3	WSW	0.75	9	WSW	83.9	88	88
6/21/2021	1:45 PM	85	85	83.9	61	70	4	W	1	16	WNW	85	89.7	89.7
6/21/2021	2:00 PM	84.8	85.4	84.8	62	70.3	4	WSW	1	10	WSW	84.8	89.6	89.6
6/21/2021	2:15 PM	83.4	84.8	82.7	65	70.4	3	W	0.75	14	WNW	83.4	88	88
6/21/2021	2:30 PM	85.1	85.4	83.6	64	71.5	4	WSW	1	12	WNW	85.1	90.9	90.9
6/21/2021	2:45 PM	85.3	85.6	85.1	60	69.8	3	W	0.75	11	NW	85.3	89.9	89.9
6/21/2021	3:00 PM	84.3	85.3	84.2	62	69.9	3	WSW	0.75	10	WSW	84.3	88.7	88.7
6/21/2021	3:15 PM	86	86	84.3	61	71	3	WSW	0.75	9	WSW	86	91.6	91.6
6/21/2021	3:30 PM	84.6	86.3	84.6	60	69.2	2	WSW	0.5	8	W	84.6	88.6	88.6
6/21/2021	3:45 PM	85.1	85.9	84.4	59	69.2	3	WSW	0.75	8	NW	85.1	89.2	89.2
6/21/2021	4:00 PM	84	85	83.8	63	70	3	WSW	0.75	10	WSW	84	88.5	88.5
6/21/2021	4:15 PM	85	85	84.1	61	70	3	WSW	0.75	9	NW	85	89.7	89.7
6/21/2021	4:30 PM	84.4	84.9	84.3	59	68.5	3	WSW	0.75	10	NNW	84.4	88	88
6/21/2021	4:45 PM	85.3	85.4	84.3	62	70.8	2	WSW	0.5	7	NW	85.3	90.6	90.6
6/21/2021	5:00 PM	87.9	87.9	85.4	53	68.6	3	SW	0.75	9	NW	87.9	92.2	92.2
6/21/2021	5:15 PM	88.2	88.6	87.9	48	66	3	WSW	0.75	10	W	88.2	90.9	90.9
6/21/2021	5:30 PM	87.3	88.1	87.3	50	66.4	4	WSW	1	12	WNW	87.3	90.1	90.1
6/21/2021	5:45 PM	86.4	87.3	86.4	54	67.8	4	WSW	1	11	NNW	86.4	89.9	89.9
6/21/2021	6:00 PM	85.8	86.4	85.8	55	67.8	5	WSW	1.25	16	NNW	85.8	89.2	89.2
6/21/2021	6:15 PM	85.8	85.8	85.6	55	67.8	3	WSW	0.75	11	SSE	85.8	89.2	89.2
6/21/2021	6:30 PM	85.1	85.9	85.1	57	68.2	2	W	0.5	9	W	85.1	88.6	88.6
6/21/2021	6:45 PM	84.2	85.1	84.2	58	67.8	2	WSW	0.5	9	NNW	84.2	87.4	87.4
6/21/2021	7:00 PM	84	84.4	83.9	57	67.1	2	WSW	0.5	8	WSW	84	86.8	86.8
6/21/2021	7:15 PM	82.2	84.1	82.2	60	66.9	3	WSW	0.75	7	W	82.2	84.5	84.5
6/21/2021	7:30 PM	81.1	82.2	81.1	59	65.4	2	WSW	0.5	6	W	81.1	82.7	82.7
6/21/2021	7:45 PM	80	81.1	80	61	65.3	2	WSW	0.5	11	W	80	81.4	81.4
6/21/2021	8:00 PM	78.6	80	78.6	62	64.5	3	WSW	0.75	8	WSW	78.6	79.7	79.7
6/21/2021	8:15 PM	77.8	78.6	77.8	63	64.2	2	WSW	0.5	8	W	77.8	78.8	78.8
6/21/2021	8:30 PM	76.5	77.8	76.5	67	64.7	4	WSW	1	13	SSW	76.5	77.7	77.7
6/21/2021	8:45 PM	75.3	76.5	75.3	71	65.2	3	WSW	0.75	11	WSW	75.3	76.7	76.7
6/21/2021	9:00 PM	74.4	75.3	74.4	73	65.2	2	SW	0.5	6	S	74.4	75.8	75.8
6/21/2021	9:15 PM	73.7	74.3	73.7	75	65.3	1	SSW	0.25	4	SSW	73.7	75.1	75.1
6/21/2021	9:30 PM	72	73.8	72	83	66.6	2	W	0.5	12	NNW	72	73.7	73.7
6/21/2021	9:45 PM	69.5	71.9	69.5	88	65.8	1	WSW	0.25	5	S	69.5	71.5	71.5
6/21/2021	10:00 PM	69	69.5	69	91	66.3	1	E	0.25	4	ESE	69	71.2	71.2
6/21/2021	10:15 PM	68.9	69.1	68.9	91	66.2	1	S	0.25	4	S	68.9	71	71

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/21/2021	12:45 PM	29.436	0	0	0	0.182	95.5	51	74.5	107.3	9.04	0.0683	306	7	100	15
6/21/2021	1:00 PM	29.427	0	0	0	0.186	94.9	50	73.4	105.1	8.85	0.0684	302	7	100	15
6/21/2021	1:15 PM	29.416	0	0	0	0.185	95.8	49	73.6	106.5	8.72	0.0683	305	7	100	15
6/21/2021	1:30 PM	29.408	0	0	0	0.197	96.2	49	73.9	107.5	8.7	0.0682	306	7	100	15
6/21/2021	1:45 PM	29.398	0	0	0	0.208	97	48	74.1	108.6	8.51	0.068	305	7	100	15
6/21/2021	2:00 PM	29.393	0	0	0	0.206	97.5	47	73.9	109.1	8.35	0.068	305	7	100	15
6/21/2021	2:15 PM	29.38	0	0	0	0.192	96.5	47	73	106.7	8.39	0.0681	303	7	100	15
6/21/2021	2:30 PM	29.368	0	0	0	0.209	97.2	47	73.6	108.4	8.36	0.068	304	7	100	15
6/21/2021	2:45 PM	29.349	0	0	0	0.211	97.8	46	73.5	109	8.19	0.0679	307	7	100	15
6/21/2021	3:00 PM	29.344	0	0	0	0.201	97.6	46	73.3	108.5	8.2	0.0679	304	7	100	15
6/21/2021	3:15 PM	29.349	0	0	0	0.219	98.2	46	73.9	109.9	8.19	0.0678	304	7	100	15
6/21/2021	3:30 PM	29.363	0	0	0	0.204	97.9	45	72.9	108.4	8.09	0.0679	301	7	100	15
6/21/2021	3:45 PM	29.368	0	0	0	0.209	98	45	73	108.6	8.09	0.0679	303	7	100	15
6/21/2021	4:00 PM	29.374	0	0	0	0.198	97.1	45	72.2	106.6	8.11	0.0681	305	7	100	15
6/21/2021	4:15 PM	29.378	0	0	0	0.208	97.2	45	72.3	106.8	8.11	0.0681	305	7	100	15
6/21/2021	4:30 PM	29.377	0	0	0	0.202	96.6	44	71.1	104.9	7.92	0.0682	305	7	100	15
6/21/2021	4:45 PM	29.374	0	0	0	0.211	96.4	45	71.6	105.1	8.12	0.0682	305	7	100	15
6/21/2021	5:00 PM	29.377	0	0	0	0.239	96.8	45	72	106	8.11	0.0681	305	7	100	15
6/21/2021	5:15 PM	29.368	0	0	0	0.242	97	43	70.8	105	7.75	0.0682	305	7	100	15
6/21/2021	5:30 PM	29.368	0	0	0	0.232	96.8	42	69.9	104	7.55	0.0682	305	7	100	15
6/21/2021	5:45 PM	29.366	0	0	0	0.223	96.6	42	69.7	103.6	7.55	0.0683	303	7	100	15
6/21/2021	6:00 PM	29.365	0	0	0	0.217	96.3	42	69.5	102.9	7.55	0.0683	306	7	100	15
6/21/2021	6:15 PM	29.364	0	0	0	0.217	95.9	43	69.8	102.8	7.75	0.0684	305	7	100	15
6/21/2021	6:30 PM	29.366	0	0	0	0.209	95.8	43	69.7	102.5	7.75	0.0684	305	7	100	15
6/21/2021	6:45 PM	29.363	0	0	0	0.2	95.3	43	69.3	101.5	7.75	0.0685	305	7	100	15
6/21/2021	7:00 PM	29.351	0	0	0	0.198	95	44	69.7	101.4	7.95	0.0684	303	7	100	15
6/21/2021	7:15 PM	29.364	0	0	0	0.179	94.5	44	69.2	100.5	7.96	0.0686	304	7	100	15
6/21/2021	7:30 PM	29.362	0	0	0	0.168	94.2	43	68.3	99.3	7.78	0.0686	298	7	100	15
6/21/2021	7:45 PM	29.365	0	0	0	0.156	93.7	43	67.8	98.4	7.8	0.0687	305	7	100	15
6/21/2021	8:00 PM	29.365	0	0	0	0.142	92.9	43	67.1	97	7.83	0.0689	303	7	100	15
6/21/2021	8:15 PM	29.385	0	0	0	0.133	92.2	43	66.5	95.7	7.86	0.0691	301	7	100	15
6/21/2021	8:30 PM	29.4	0	0	0	0.12	91.4	44	66.4	94.7	8.02	0.0692	304	7	100	15
6/21/2021	8:45 PM	29.414	0	0	0	0.107	90.7	45	66.4	93.9	8.15	0.0693	302	7	100	15
6/21/2021	9:00 PM	29.417	0	0	0	0.098	90	45	65.8	92.7	8.15	0.0694	305	7	100	15
6/21/2021	9:15 PM	29.424	0	0	0	0.091	89.3	46	65.8	92	8.36	0.0695	303	7	100	15
6/21/2021	9:30 PM	29.435	0.07	2.95	0	0.073	88.8	47	66	91.5	8.47	0.0696	305	7	100	15
6/21/2021	9:45 PM	29.453	0.01	0.61	0	0.047	87.5	49	66	90.1	8.85	0.0698	301	7	100	15
6/21/2021	10:00 PM	29.456	0.02	0.06	0	0.042	86.7	51	66.4	89.4	9.22	0.0699	303	7	100	15
6/21/2021	10:15 PM	29.438	0.04	0.21	0	0.041	86.1	51	65.9	88.5	9.23	0.07	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/21/2021	10:30 PM	68.5	69	68.5	93	66.4	0	NW	0	2	NW	68.5	70.7	70.7
6/21/2021	10:45 PM	68.4	68.5	68.3	94	66.6	1	WNW	0.25	6	E	68.4	70.6	70.6
6/21/2021	11:00 PM	68.1	68.4	68.1	94	66.3	2	WNW	0.5	6	SSW	68.1	70.2	70.2
6/21/2021	11:15 PM	67.6	68.1	67.6	94	65.8	2	NW	0.5	8	NW	67.6	69.5	69.5
6/21/2021	11:30 PM	67.4	67.7	67.4	95	65.9	1	SW	0.25	5	SE	67.4	69.3	69.3
6/21/2021	11:45 PM	67.3	67.4	67.2	95	65.8	1	NW	0.25	5	N	67.3	69.2	69.2
6/22/2021	12:00 AM	67.2	67.3	67.2	96	66	1	SW	0.25	3	WNW	67.2	69.2	69.2
6/22/2021	12:15 AM	67.2	67.3	67.2	96	66	1	WSW	0.25	2	SW	67.2	69.2	69.2
6/22/2021	12:30 AM	67.2	67.3	67.2	96	66	1	WSW	0.25	5	S	67.2	69.2	69.2
6/22/2021	12:45 AM	67.3	67.3	67.2	96	66.1	1	WNW	0.25	4	WSW	67.3	69.4	69.4
6/22/2021	1:00 AM	67.3	67.3	67.2	97	66.4	1	WSW	0.25	3	SE	67.3	69.6	69.6
6/22/2021	1:15 AM	67.1	67.3	67.1	96	65.9	2	NW	0.5	6	W	67.1	69.1	69.1
6/22/2021	1:30 AM	66.9	67.1	66.9	96	65.7	1	WNW	0.25	5	WSW	66.9	68.9	68.9
6/22/2021	1:45 AM	66.8	67	66.7	96	65.6	1	W	0.25	4	WNW	66.8	68.7	68.7
6/22/2021	2:00 AM	66.7	66.8	66.7	96	65.5	0	WNW	0	3	WSW	66.7	68.6	68.6
6/22/2021	2:15 AM	66.4	66.7	66.4	96	65.2	1	WSW	0.25	2	WNW	66.4	68.2	68.2
6/22/2021	2:30 AM	66.1	66.4	66.1	96	64.9	0	WSW	0	2	WSW	66.1	67.9	67.9
6/22/2021	2:45 AM	66.1	66.1	66	96	64.9	0	W	0	2	WSW	66.1	67.9	67.9
6/22/2021	3:00 AM	66.1	66.2	66	96	64.9	0	WSW	0	2	W	66.1	67.9	67.9
6/22/2021	3:15 AM	66.2	66.2	66	97	65.3	0	NW	0	4	NW	66.2	68.2	68.2
6/22/2021	3:30 AM	66.2	66.3	66.1	96	65	0	WSW	0	2	WSW	66.2	68	68
6/22/2021	3:45 AM	66.1	66.2	66.1	96	64.9	0	WSW	0	2	WSW	66.1	67.9	67.9
6/22/2021	4:00 AM	66	66.1	65.9	96	64.8	0	W	0	2	W	66	67.8	67.8
6/22/2021	4:15 AM	66	66.1	66	96	64.8	0	S	0	2	S	66	67.8	67.8
6/22/2021	4:30 AM	66	66	65.9	96	64.8	0	SE	0	2	SSE	66	67.8	67.8
6/22/2021	4:45 AM	66	66.1	65.9	97	65.1	0	SSE	0	2	SSW	66	67.9	67.9
6/22/2021	5:00 AM	66	66.1	65.9	97	65.1	0	SE	0	1	SSE	66	67.9	67.9
6/22/2021	5:15 AM	65.9	66.1	65.9	97	65	0	S	0	2	SSW	65.9	67.8	67.8
6/22/2021	5:30 AM	65.9	66	65.9	97	65	0	W	0	2	WSW	65.9	67.8	67.8
6/22/2021	5:45 AM	65.7	65.9	65.7	97	64.8	1	WSW	0.25	3	SW	65.7	67.6	67.6
6/22/2021	6:00 AM	65.5	65.8	65.5	96	64.3	1	SSW	0.25	6	SSE	65.5	67.2	67.2
6/22/2021	6:15 AM	65.5	65.6	65.4	97	64.6	1	SSE	0.25	5	SSE	65.5	67.3	67.3
6/22/2021	6:30 AM	65.3	65.5	65.2	97	64.4	2	NW	0.5	8	SSE	65.3	67.1	67.1
6/22/2021	6:45 AM	65.2	65.3	65.2	98	64.6	1	WSW	0.25	4	NW	65.2	67.1	67.1
6/22/2021	7:00 AM	65.3	65.4	65.2	98	64.7	1	W	0.25	5	WNW	65.3	67.2	67.2
6/22/2021	7:15 AM	65.4	65.5	65.3	97	64.5	1	WNW	0.25	3	NW	65.4	67.2	67.2
6/22/2021	7:30 AM	65.2	65.5	65.2	95	63.7	2	W	0.5	11	WNW	65.2	66.6	66.6
6/22/2021	7:45 AM	64.5	65.2	64.5	93	62.4	3	NW	0.75	11	NW	64.5	65.7	65.7
6/22/2021	8:00 AM	63.6	64.4	63.6	93	61.5	3	ENE	0.75	9	E	63.6	64.6	64.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/21/2021	10:30 PM	29.456	0.02	0.14	0	0.036	85.5	53	66.4	88.1	9.54	0.0701	302	7	100	15
6/21/2021	10:45 PM	29.46	0.02	0.11	0	0.035	85.1	54	66.6	87.8	9.75	0.0701	301	7	100	15
6/21/2021	11:00 PM	29.466	0.02	0.11	0	0.032	84.8	54	66.3	87.3	9.75	0.0702	301	7	100	15
6/21/2021	11:15 PM	29.463	0.01	0.06	0	0.027	84.5	55	66.6	87.1	9.85	0.0702	305	7	100	15
6/21/2021	11:30 PM	29.454	0.01	0.06	0	0.025	84.1	55	66.2	86.5	9.85	0.0703	306	7	100	15
6/21/2021	11:45 PM	29.44	0.01	0.06	0	0.024	83.7	56	66.3	86.1	10.05	0.0703	304	7	100	15
6/22/2021	12:00 AM	29.432	0	0	0	0.023	83.4	56	66.1	85.6	10.05	0.0703	304	7	100	15
6/22/2021	12:15 AM	29.441	0.01	0	0	0.023	83.2	57	66.4	85.5	10.21	0.0703	302	7	100	15
6/22/2021	12:30 AM	29.426	0	0	0	0.023	82.9	57	66.1	85	10.21	0.0704	304	7	100	15
6/22/2021	12:45 AM	29.423	0	0	0	0.024	82.8	57	66	84.9	10.21	0.0704	303	7	100	15
6/22/2021	1:00 AM	29.433	0	0	0	0.024	82.7	58	66.4	84.9	10.35	0.0704	303	7	100	15
6/22/2021	1:15 AM	29.427	0	0	0	0.022	82.6	58	66.3	84.8	10.35	0.0704	302	7	100	15
6/22/2021	1:30 AM	29.423	0	0	0	0.02	82.4	58	66.1	84.5	10.35	0.0704	305	7	100	15
6/22/2021	1:45 AM	29.421	0	0	0	0.019	82.2	58	66	84.2	10.35	0.0704	303	7	100	15
6/22/2021	2:00 AM	29.411	0	0	0	0.018	82	59	66.3	84	10.55	0.0704	307	7	100	15
6/22/2021	2:15 AM	29.403	0	0	0	0.015	81.8	59	66.1	83.7	10.55	0.0704	306	7	100	15
6/22/2021	2:30 AM	29.405	0	0	0	0.011	81.5	59	65.8	83.3	10.55	0.0705	302	7	100	15
6/22/2021	2:45 AM	29.401	0	0	0	0.011	81.4	59	65.7	83.1	10.55	0.0705	305	7	100	15
6/22/2021	3:00 AM	29.399	0	0	0	0.011	81.3	59	65.6	83	10.55	0.0705	304	7	100	15
6/22/2021	3:15 AM	29.398	0	0	0	0.012	81.2	59	65.5	82.9	10.55	0.0705	300	7	100	15
6/22/2021	3:30 AM	29.391	0	0	0	0.012	81.2	60	66	83	10.75	0.0705	304	7	100	15
6/22/2021	3:45 AM	29.392	0	0	0	0.011	81	60	65.8	82.7	10.75	0.0705	303	7	100	15
6/22/2021	4:00 AM	29.39	0	0	0	0.01	81	60	65.8	82.7	10.75	0.0705	304	7	100	15
6/22/2021	4:15 AM	29.389	0	0	0	0.01	81	60	65.8	82.7	10.75	0.0705	304	7	100	15
6/22/2021	4:30 AM	29.391	0	0	0	0.01	80.9	60	65.7	82.6	10.75	0.0706	302	7	100	15
6/22/2021	4:45 AM	29.387	0.01	0	0	0.01	80.8	60	65.6	82.4	10.75	0.0706	304	7	100	15
6/22/2021	5:00 AM	29.38	0.01	0.06	0	0.01	80.8	60	65.6	82.4	10.75	0.0705	305	7	100	15
6/22/2021	5:15 AM	29.381	0.02	0.06	0	0.009	80.6	61	65.9	82.3	10.95	0.0706	305	7	100	15
6/22/2021	5:30 AM	29.378	0.02	0.13	0	0.009	80.5	61	65.8	82.1	10.95	0.0706	305	7	100	15
6/22/2021	5:45 AM	29.379	0	0	0	0.007	80.4	61	65.7	82	10.95	0.0706	298	7	100	15
6/22/2021	6:00 AM	29.374	0.01	0	0	0.005	80.3	61	65.6	81.8	10.95	0.0706	301	7	100	15
6/22/2021	6:15 AM	29.377	0	0	0	0.005	80.2	61	65.5	81.7	10.95	0.0706	304	7	100	15
6/22/2021	6:30 AM	29.385	0.18	4.4	0	0.003	80.1	61	65.4	81.5	10.95	0.0707	304	7	100	15
6/22/2021	6:45 AM	29.389	0.03	0.28	0	0.002	79.9	61	65.2	81.3	10.95	0.0707	303	7	100	15
6/22/2021	7:00 AM	29.396	0.01	0.11	0	0.003	80	61	65.3	81.4	10.95	0.0707	303	7	100	15
6/22/2021	7:15 AM	29.4	0.01	0.05	0	0.004	79.9	61	65.2	81.3	10.95	0.0707	303	7	100	15
6/22/2021	7:30 AM	29.41	0.07	0.9	0	0.002	80	61	65.3	81.4	10.95	0.0707	305	7	100	15
6/22/2021	7:45 AM	29.415	0.07	1.15	0.005	0	79.8	61	65.2	81.1	10.95	0.0708	305	7	100	15
6/22/2021	8:00 AM	29.423	0	0	0.015	0	79	60	63.9	79.9	10.79	0.071	300	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/22/2021	8:15 AM	62.4	63.6	62.4	93	60.3	3	W	0.75	10	NNW	62.4	63.2	63.2
6/22/2021	8:30 AM	61.6	62.3	61.6	94	59.9	2	WNW	0.5	5	NNW	61.6	62.3	62.3
6/22/2021	8:45 AM	61.3	61.6	61.3	95	59.9	1	WNW	0.25	3	WNW	61.3	62	62
6/22/2021	9:00 AM	61.4	61.4	61.3	96	60.2	0	E	0	2	ENE	61.4	62.3	62.3
6/22/2021	9:15 AM	61.4	61.4	61.3	96	60.2	0	SSW	0	1	SSW	61.4	62.3	62.3
6/22/2021	9:30 AM	61.5	61.5	61.3	96	60.3	1	ENE	0.25	4	ENE	61.5	62.4	62.4
6/22/2021	9:45 AM	61.7	61.8	61.5	95	60.3	1	ENE	0.25	3	ENE	61.7	62.5	62.5
6/22/2021	10:00 AM	62.2	62.2	61.7	95	60.8	1	ENE	0.25	4	ENE	62.2	63	63
6/22/2021	10:15 AM	62.3	62.3	62.1	90	59.3	1	NW	0.25	4	E	62.3	62.9	62.9
6/22/2021	10:30 AM	62.6	62.7	62.3	90	59.6	1	NW	0.25	4	W	62.6	63.3	63.3
6/22/2021	10:45 AM	63	63	62.7	92	60.6	1	WNW	0.25	4	WSW	63	63.8	63.8
6/22/2021	11:00 AM	64.4	64.4	63	91	61.7	1	NW	0.25	4	W	64.4	65.4	65.4
6/22/2021	11:15 AM	63.6	64.5	63.6	86	59.3	1	WSW	0.25	5	WNW	63.6	64.1	64.1
6/22/2021	11:30 AM	64	64	63.5	88	60.4	1	NW	0.25	4	NE	64	64.7	64.7
6/22/2021	11:45 AM	65.1	65.1	64	84	60.1	2	NNW	0.5	6	W	65.1	65.8	65.8
6/22/2021	12:00 PM	66.1	66.1	65.1	82	60.4	1	NW	0.25	4	W	66.1	67	67
6/22/2021	12:15 PM	67.7	67.7	66.1	77	60.2	2	WNW	0.5	8	WNW	67.7	68.5	68.5
6/22/2021	12:30 PM	67.8	68.3	67.6	71	58.1	3	WNW	0.75	8	ENE	67.8	68.1	68.1
6/22/2021	12:45 PM	68.2	68.2	67.6	72	58.8	3	W	0.75	9	ENE	68.2	68.7	68.7
6/22/2021	1:00 PM	69.5	69.5	68.2	67	58.1	2	WNW	0.5	8	W	69.5	69.6	69.6
6/22/2021	1:15 PM	70.4	70.7	69.5	72	60.9	2	W	0.5	7	NW	70.4	70.9	70.9
6/22/2021	1:30 PM	68.5	70.4	68.5	71	58.7	3	W	0.75	14	W	68.5	69	69
6/22/2021	1:45 PM	68.5	68.6	68.2	73	59.5	1	NW	0.25	14	W	68.5	69.1	69.1
6/22/2021	2:00 PM	70.3	70.3	68.5	71	60.4	2	NW	0.5	7	WSW	70.3	70.7	70.7
6/22/2021	2:15 PM	70.2	71	70.2	62	56.6	2	NNW	0.5	7	SW	70.2	69.8	69.8
6/22/2021	2:30 PM	71.3	71.4	69.9	61	57.2	3	WSW	0.75	12	WNW	71.3	71.1	71.1
6/22/2021	2:45 PM	71.9	72	71.4	57	55.8	4	W	1	12	ENE	71.9	71.5	71.5
6/22/2021	3:00 PM	71.2	71.9	71.2	59	56.1	3	WNW	0.75	10	W	71.2	70.8	70.8
6/22/2021	3:15 PM	72.1	72.1	71.3	56	55.5	3	W	0.75	10	NNW	72.1	71.7	71.7
6/22/2021	3:30 PM	72.5	73.2	72.1	57	56.4	3	WNW	0.75	11	WNW	72.5	72.3	72.3
6/22/2021	3:45 PM	72.6	72.6	72.2	57	56.5	3	ENE	0.75	10	NE	72.6	72.5	72.5
6/22/2021	4:00 PM	73.8	74	72.7	59	58.6	2	NNE	0.5	7	S	73.8	74.1	74.1
6/22/2021	4:15 PM	72.2	73.8	72.2	56	55.6	2	NE	0.5	9	NW	72.2	71.9	71.9
6/22/2021	4:30 PM	71.9	72.4	71.9	58	56.3	2	NE	0.5	9	ENE	71.9	71.6	71.6
6/22/2021	4:45 PM	72.9	72.9	71.5	59	57.7	2	WNW	0.5	6	W	72.9	73	73
6/22/2021	5:00 PM	74.4	74.4	73	63	61	2	WNW	0.5	8	NE	74.4	75	75
6/22/2021	5:15 PM	75.1	75.1	74.4	54	57.3	2	WSW	0.5	7	W	75.1	75.2	75.2
6/22/2021	5:30 PM	74.2	75.1	74.2	54	56.5	3	WSW	0.75	9	WNW	74.2	74.3	74.3
6/22/2021	5:45 PM	74.8	74.8	74.1	56	58.1	2	WSW	0.5	7	NW	74.8	75	75

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/22/2021	8:15 AM	29.442	0.06	0.52	0.027	0	78.3	60	63.3	79.1	10.82	0.0711	304	7	100	15
6/22/2021	8:30 AM	29.451	0.16	1.7	0.035	0	77.7	60	62.7	78.3	10.84	0.0713	298	7	100	15
6/22/2021	8:45 AM	29.458	0.05	0.91	0.039	0	77.1	60	62.1	77.6	10.87	0.0714	301	7	100	15
6/22/2021	9:00 AM	29.479	0.04	0.25	0.037	0	76.8	60	61.9	77.3	10.88	0.0715	303	7	100	15
6/22/2021	9:15 AM	29.488	0.03	0.25	0.037	0	76.5	61	62	77.1	11.02	0.0716	305	7	100	15
6/22/2021	9:30 AM	29.492	0.02	0.22	0.036	0	76.5	60	61.6	77	10.89	0.0716	305	7	100	15
6/22/2021	9:45 AM	29.495	0	0	0.034	0	76.5	60	61.6	77	10.89	0.0716	300	7	100	15
6/22/2021	10:00 AM	29.498	0	0	0.029	0	76.6	61	62.1	77.2	11.02	0.0716	302	7	100	15
6/22/2021	10:15 AM	29.5	0	0	0.028	0	76.7	60	61.8	77.2	10.88	0.0716	305	7	100	15
6/22/2021	10:30 AM	29.502	0	0	0.025	0	77	60	62	77.5	10.87	0.0715	303	7	100	15
6/22/2021	10:45 AM	29.509	0	0	0.021	0	77.2	60	62.2	77.7	10.86	0.0715	304	7	100	15
6/22/2021	11:00 AM	29.515	0	0	0.006	0	77.8	60	62.8	78.5	10.84	0.0714	305	7	100	15
6/22/2021	11:15 AM	29.521	0	0	0.015	0	78.4	59	62.9	79.1	10.61	0.0713	300	7	100	15
6/22/2021	11:30 AM	29.526	0	0	0.01	0	78.3	59	62.8	79	10.62	0.0714	301	7	100	15
6/22/2021	11:45 AM	29.532	0	0	0	0.001	79	58	63	79.7	10.39	0.0713	304	7	100	15
6/22/2021	12:00 PM	29.53	0	0	0	0.011	79.8	58	63.7	80.7	10.36	0.0711	304	7	100	15
6/22/2021	12:15 PM	29.53	0	0	0	0.028	81.4	57	64.7	82.8	10.18	0.0709	299	7	100	15
6/22/2021	12:30 PM	29.534	0	0	0	0.029	82.5	56	65.2	84.2	10.05	0.0707	305	7	100	15
6/22/2021	12:45 PM	29.536	0	0	0	0.033	82.8	54	64.5	84.3	9.75	0.0707	301	7	100	15
6/22/2021	1:00 PM	29.53	0	0	0	0.047	83.5	53	64.6	85.1	9.58	0.0706	304	7	100	15
6/22/2021	1:15 PM	29.527	0	0	0	0.056	84.4	52	64.9	86.2	9.36	0.0705	305	7	100	15
6/22/2021	1:30 PM	29.528	0	0	0	0.036	84.5	51	64.4	86.1	9.26	0.0705	304	7	100	15
6/22/2021	1:45 PM	29.53	0	0	0	0.036	83.8	51	63.7	85.1	9.27	0.0706	303	7	100	15
6/22/2021	2:00 PM	29.528	0	0	0	0.055	84.3	51	64.2	85.9	9.26	0.0705	301	7	100	15
6/22/2021	2:15 PM	29.532	0	0	0	0.054	85	49	63.7	86.4	8.85	0.0705	304	7	100	15
6/22/2021	2:30 PM	29.529	0	0	0	0.066	85.3	48	63.4	86.5	8.74	0.0704	303	7	100	15
6/22/2021	2:45 PM	29.525	0	0	0	0.072	86.2	47	63.6	87.5	8.53	0.0703	303	7	100	15
6/22/2021	3:00 PM	29.527	0	0	0	0.065	86.3	46	63.1	87.4	8.42	0.0703	302	7	100	15
6/22/2021	3:15 PM	29.526	0	0	0	0.074	86.8	46	63.5	88.1	8.41	0.0702	304	7	100	15
6/22/2021	3:30 PM	29.525	0	0	0	0.078	87.2	45	63.3	88.4	8.21	0.0702	302	7	100	15
6/22/2021	3:45 PM	29.526	0	0	0	0.079	87.3	44	62.7	88.3	8.1	0.0702	305	7	100	15
6/22/2021	4:00 PM	29.521	0	0	0	0.092	87.8	43	62.5	88.7	7.95	0.0701	303	7	100	15
6/22/2021	4:15 PM	29.525	0	0	0	0.075	87.5	43	62.2	88.3	7.95	0.0702	301	7	100	15
6/22/2021	4:30 PM	29.528	0	0	0	0.072	86.9	43	61.7	87.4	7.95	0.0703	304	7	100	15
6/22/2021	4:45 PM	29.53	0	0	0	0.082	86.4	43	61.3	86.8	7.95	0.0704	300	7	100	15
6/22/2021	5:00 PM	29.528	0	0	0	0.098	86.2	43	61.1	86.5	7.95	0.0704	300	7	100	15
6/22/2021	5:15 PM	29.525	0	0	0	0.105	85.8	43	60.7	86	7.95	0.0705	305	7	100	15
6/22/2021	5:30 PM	29.527	0	0	0	0.096	85.4	43	60.4	85.5	7.95	0.0706	299	7	100	15
6/22/2021	5:45 PM	29.53	0	0	0	0.102	85.3	43	60.3	85.3	7.95	0.0706	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/22/2021	6:00 PM	74.2	75.6	74.1	53	56	2	WNW	0.5	4	WNW	74.2	74.2	74.2
6/22/2021	6:15 PM	74.2	74.7	74	60	59.4	2	W	0.5	7	NE	74.2	74.6	74.6
6/22/2021	6:30 PM	72.9	74.8	72.9	57	56.8	1	WNW	0.25	6	W	72.9	72.9	72.9
6/22/2021	6:45 PM	72.7	73.4	72.7	56	56.1	1	WNW	0.25	5	N	72.7	72.5	72.5
6/22/2021	7:00 PM	71.8	72.7	71.8	59	56.7	0	NW	0	2	NW	71.8	71.6	71.6
6/22/2021	7:15 PM	71.9	72.1	71.7	62	58.2	0	WSW	0	2	WSW	71.9	71.9	71.9
6/22/2021	7:30 PM	71.2	71.9	71.2	65	58.8	0	WSW	0	2	W	71.2	71.2	71.2
6/22/2021	7:45 PM	70	71.2	70	64	57.3	0	NW	0	3	WSW	70	69.7	69.7
6/22/2021	8:00 PM	69.3	70	69.3	64	56.6	0	W	0	2	WNW	69.3	69.2	69.2
6/22/2021	8:15 PM	68.9	69.4	68.9	68	57.9	0	W	0	2	W	68.9	69.2	69.2
6/22/2021	8:30 PM	68.4	69	68.4	67	57	0	W	0	3	NW	68.4	68.5	68.5
6/22/2021	8:45 PM	67.9	68.5	67.9	68	56.9	1	ENE	0.25	4	ENE	67.9	68	68
6/22/2021	9:00 PM	67.4	67.9	67.4	69	56.9	1	NE	0.25	3	NW	67.4	67.5	67.5
6/22/2021	9:15 PM	66.8	67.4	66.8	70	56.7	0	NNE	0	3	E	66.8	66.9	66.9
6/22/2021	9:30 PM	66.4	66.8	66.4	71	56.7	1	ENE	0.25	4	ENE	66.4	66.5	66.5
6/22/2021	9:45 PM	65.7	66.5	65.7	72	56.4	2	ENE	0.5	7	E	65.7	65.7	65.7
6/22/2021	10:00 PM	65.4	65.8	65.4	71	55.7	2	NE	0.5	6	NE	65.4	65.3	65.3
6/22/2021	10:15 PM	65	65.4	65	72	55.8	2	ENE	0.5	5	NNE	65	64.9	64.9
6/22/2021	10:30 PM	64.6	65	64.6	72	55.4	2	ENE	0.5	7	E	64.6	64.4	64.4
6/22/2021	10:45 PM	64.2	64.6	64.2	72	55	2	NE	0.5	6	E	64.2	63.9	63.9
6/22/2021	11:00 PM	63.8	64.2	63.8	74	55.4	1	ENE	0.25	4	ENE	63.8	63.6	63.6
6/22/2021	11:15 PM	62.7	63.8	62.6	79	56.1	1	ESE	0.25	2	ESE	62.7	62.8	62.8
6/22/2021	11:30 PM	62	62.7	62	78	55.1	1	NE	0.25	4	E	62	61.9	61.9
6/22/2021	11:45 PM	62.1	62.3	62	78	55.2	0	NE	0	2	NE	62.1	62	62
6/23/2021	12:00 AM	61.6	62.2	61.6	81	55.7	0	E	0	2	E	61.6	61.6	61.6
6/23/2021	12:15 AM	61.3	61.7	61.3	78	54.4	0	E	0	3	E	61.3	61.1	61.1
6/23/2021	12:30 AM	61.7	61.7	61.3	77	54.4	1	ENE	0.25	3	E	61.7	61.5	61.5
6/23/2021	12:45 AM	61.4	61.7	61.4	76	53.8	1	NE	0.25	4	E	61.4	61.1	61.1
6/23/2021	1:00 AM	61.2	61.5	61.2	77	53.9	2	ENE	0.5	4	ENE	61.2	60.9	60.9
6/23/2021	1:15 AM	61	61.2	60.9	79	54.4	0	ENE	0	3	ENE	61	60.8	60.8
6/23/2021	1:30 AM	60.4	61	60.3	78	53.5	1	ENE	0.25	2	ENE	60.4	60.1	60.1
6/23/2021	1:45 AM	59.9	60.4	59.9	80	53.7	0	ENE	0	2	ENE	59.9	59.7	59.7
6/23/2021	2:00 AM	59	59.8	59	83	53.8	0	ENE	0	2	ENE	59	58.9	58.9
6/23/2021	2:15 AM	57.6	59	57.6	85	53.1	0	ENE	0	2	ENE	57.6	57.5	57.5
6/23/2021	2:30 AM	56.8	57.6	56.8	88	53.3	0	ENE	0	2	ENE	56.8	56.8	56.8
6/23/2021	2:45 AM	56.3	56.8	56.2	88	52.8	1	ENE	0.25	2	ENE	56.3	56.3	56.3
6/23/2021	3:00 AM	56.3	56.4	56.2	88	52.8	0	ENE	0	2	ENE	56.3	56.3	56.3
6/23/2021	3:15 AM	55.9	56.3	55.9	89	52.7	0	ENE	0	2	ENE	55.9	55.9	55.9
6/23/2021	3:30 AM	55	55.9	55	91	52.4	0	ENE	0	1	ENE	55	55.1	55.1

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/22/2021	6:00 PM	29.53	0	0	0	0.096	85.4	43	60.4	85.5	7.95	0.0706	303	7	100	15
6/22/2021	6:15 PM	29.532	0	0	0	0.096	85.2	43	60.2	85.2	7.95	0.0706	303	7	100	15
6/22/2021	6:30 PM	29.533	0	0	0	0.082	84.8	43	59.8	84.7	7.95	0.0707	304	7	100	15
6/22/2021	6:45 PM	29.539	0	0	0	0.08	84.3	44	60	84.3	8.15	0.0708	302	7	100	15
6/22/2021	7:00 PM	29.545	0	0	0	0.071	83.8	44	59.6	83.6	8.15	0.0709	303	7	100	15
6/22/2021	7:15 PM	29.549	0	0	0	0.072	83.6	46	60.6	83.8	8.45	0.0708	307	7	100	15
6/22/2021	7:30 PM	29.551	0	0	0	0.065	83.5	46	60.5	83.7	8.45	0.0709	301	7	100	15
6/22/2021	7:45 PM	29.557	0	0	0	0.052	83	47	60.7	83.2	8.59	0.0709	303	7	100	15
6/22/2021	8:00 PM	29.567	0	0	0	0.045	82.5	47	60.2	82.6	8.6	0.071	304	7	100	15
6/22/2021	8:15 PM	29.575	0	0	0	0.041	82.1	47	59.9	82.2	8.61	0.0711	305	7	100	15
6/22/2021	8:30 PM	29.583	0	0	0	0.035	81.7	47	59.5	81.7	8.62	0.0712	303	7	100	15
6/22/2021	8:45 PM	29.59	0	0	0	0.03	81.5	47	59.3	81.4	8.62	0.0713	303	7	100	15
6/22/2021	9:00 PM	29.597	0	0	0	0.025	81.2	47	59.1	81.1	8.63	0.0713	301	7	100	15
6/22/2021	9:15 PM	29.6	0	0	0	0.019	80.7	47	58.6	80.5	8.64	0.0714	302	7	100	15
6/22/2021	9:30 PM	29.61	0	0	0	0.015	80.4	47	58.3	80.2	8.64	0.0715	306	7	100	15
6/22/2021	9:45 PM	29.62	0	0	0	0.007	79.9	47	57.9	79.6	8.65	0.0716	301	7	100	15
6/22/2021	10:00 PM	29.63	0	0	0	0.004	79.5	47	57.5	79.2	8.66	0.0717	306	7	100	15
6/22/2021	10:15 PM	29.636	0	0	0	0	79	47	57	78.6	8.67	0.0718	304	7	100	15
6/22/2021	10:30 PM	29.641	0	0	0.004	0	78.6	47	56.7	78.2	8.68	0.0719	304	7	100	15
6/22/2021	10:45 PM	29.651	0	0	0.008	0	78.2	47	56.3	77.8	8.69	0.072	299	7	100	15
6/22/2021	11:00 PM	29.661	0	0	0.013	0	77.8	48	56.5	77.5	8.89	0.0721	307	7	100	15
6/22/2021	11:15 PM	29.665	0	0	0.024	0	77.3	49	56.6	77.1	9	0.0721	304	7	100	15
6/22/2021	11:30 PM	29.668	0	0	0.031	0	77	49	56.4	76.8	9.01	0.0722	300	7	100	15
6/22/2021	11:45 PM	29.675	0	0	0.03	0	76.8	49	56.2	76.6	9.01	0.0722	305	7	100	15
6/23/2021	12:00 AM	29.678	0	0	0.035	0	76.3	50	56.3	76.2	9.22	0.0723	303	7	100	15
6/23/2021	12:15 AM	29.675	0	0	0.039	0	76.1	51	56.7	76.1	9.35	0.0723	303	7	100	15
6/23/2021	12:30 AM	29.675	0	0	0.034	0	75.8	50	55.8	75.7	9.23	0.0724	302	7	100	15
6/23/2021	12:45 AM	29.675	0	0	0.037	0	75.5	50	55.6	75.4	9.24	0.0724	303	7	100	15
6/23/2021	1:00 AM	29.678	0	0	0.04	0	75.2	50	55.3	75.1	9.25	0.0725	306	7	100	15
6/23/2021	1:15 AM	29.686	0	0	0.042	0	75	50	55.1	74.9	9.25	0.0726	304	7	100	15
6/23/2021	1:30 AM	29.684	0	0	0.048	0	74.7	51	55.4	74.6	9.36	0.0726	306	7	100	15
6/23/2021	1:45 AM	29.689	0	0	0.053	0	74.2	51	54.9	74.1	9.37	0.0727	303	7	100	15
6/23/2021	2:00 AM	29.693	0	0	0.063	0	73.6	51	54.4	73.3	9.38	0.0728	305	7	100	15
6/23/2021	2:15 AM	29.692	0	0	0.077	0	73.3	52	54.6	73	9.58	0.0728	305	7	100	15
6/23/2021	2:30 AM	29.691	0	0	0.085	0	72.9	52	54.2	72.5	9.59	0.0729	306	7	100	15
6/23/2021	2:45 AM	29.69	0	0	0.091	0	72.4	53	54.3	71.9	9.75	0.073	305	7	100	15
6/23/2021	3:00 AM	29.695	0	0	0.091	0	72	53	53.9	71.3	9.77	0.073	304	7	100	15
6/23/2021	3:15 AM	29.696	0	0	0.095	0	71.5	53	53.5	70.6	9.79	0.0731	304	7	100	15
6/23/2021	3:30 AM	29.697	0	0	0.104	0	71.1	54	53.6	70.2	9.93	0.0732	307	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/23/2021	3:45 AM	54.6	55	54.6	92	52.3	0	---	0	0	---	54.6	54.8	54.8
6/23/2021	4:00 AM	54.3	54.7	54.3	92	52	0	ENE	0	2	ENE	54.3	54.5	54.5
6/23/2021	4:15 AM	54	54.3	54	92	51.7	1	ENE	0.25	3	ENE	54	54.2	54.2
6/23/2021	4:30 AM	54.7	54.7	54	92	52.4	2	ENE	0.5	6	E	54.7	54.9	54.9
6/23/2021	4:45 AM	54.7	54.8	54.6	92	52.4	2	ENE	0.5	5	ENE	54.7	54.9	54.9
6/23/2021	5:00 AM	54.4	54.7	54.4	91	51.8	1	ENE	0.25	5	ENE	54.4	54.5	54.5
6/23/2021	5:15 AM	54.2	54.4	54.2	91	51.6	1	E	0.25	4	E	54.2	54.3	54.3
6/23/2021	5:30 AM	53.8	54.2	53.8	92	51.5	1	ENE	0.25	3	ENE	53.8	54	54
6/23/2021	5:45 AM	53.7	53.8	53.4	92	51.4	2	ENE	0.5	4	ENE	53.7	53.9	53.9
6/23/2021	6:00 AM	54.1	54.1	53.7	91	51.5	2	ENE	0.5	3	ENE	54.1	54.2	54.2
6/23/2021	6:15 AM	54.2	54.5	54.1	91	51.6	1	ENE	0.25	3	ENE	54.2	54.3	54.3
6/23/2021	6:30 AM	54.4	54.4	54.1	90	51.5	3	ENE	0.75	7	E	54.4	54.5	54.5
6/23/2021	6:45 AM	55	55	54.4	89	51.8	2	ENE	0.5	5	NE	55	55	55
6/23/2021	7:00 AM	55.3	55.3	55	88	51.8	3	ENE	0.75	6	E	55.3	55.3	55.3
6/23/2021	7:15 AM	55.8	55.9	55.3	87	52	3	ENE	0.75	7	E	55.8	55.7	55.7
6/23/2021	7:30 AM	56.6	56.6	55.8	86	52.5	3	ENE	0.75	7	ENE	56.6	56.5	56.5
6/23/2021	7:45 AM	57.7	57.8	56.6	85	53.2	3	ENE	0.75	5	ENE	57.7	57.6	57.6
6/23/2021	8:00 AM	59.3	59.3	57.8	82	53.8	3	NE	0.75	8	ENE	59.3	59.2	59.2
6/23/2021	8:15 AM	59.7	59.7	59.3	81	53.9	4	ENE	1	9	ENE	59.7	59.5	59.5
6/23/2021	8:30 AM	60.1	60.1	59.7	82	54.6	4	ENE	1	10	ENE	60.1	60	60
6/23/2021	8:45 AM	60.5	60.6	60.1	81	54.6	5	ENE	1.25	11	NE	60.5	60.4	60.4
6/23/2021	9:00 AM	61.1	61.1	60.5	80	54.9	4	NE	1	9	NE	61.1	61	61
6/23/2021	9:15 AM	61.7	61.7	61	79	55.1	4	ENE	1	9	ENE	61.7	61.7	61.7
6/23/2021	9:30 AM	63	63	61.7	77	55.7	3	ENE	0.75	9	ENE	63	63	63
6/23/2021	9:45 AM	63.7	63.8	63	76	56	4	ENE	1	11	NE	63.7	63.7	63.7
6/23/2021	10:00 AM	64.6	64.6	63.8	75	56.5	4	ENE	1	9	ENE	64.6	64.6	64.6
6/23/2021	10:15 AM	65.6	65.6	64.6	72	56.3	4	ENE	1	10	ENE	65.6	65.6	65.6
6/23/2021	10:30 AM	67	67	65.7	72	57.7	4	ENE	1	9	ENE	67	67.3	67.3
6/23/2021	10:45 AM	67.6	67.6	66.8	70	57.5	4	ENE	1	9	ENE	67.6	67.8	67.8
6/23/2021	11:00 AM	68.1	68.3	67.6	69	57.5	3	ENE	0.75	8	ENE	68.1	68.3	68.3
6/23/2021	11:15 AM	69	69	68	67	57.6	3	NE	0.75	6	ENE	69	69.2	69.2
6/23/2021	11:30 AM	70.3	70.3	68.9	67	58.8	2	ENE	0.5	6	NNE	70.3	70.3	70.3
6/23/2021	11:45 AM	71.3	71.3	70.4	65	58.9	2	ENE	0.5	6	ENE	71.3	71.4	71.4
6/23/2021	12:00 PM	72.1	72.1	71.3	62	58.4	3	NE	0.75	9	NNE	72.1	72.2	72.2
6/23/2021	12:15 PM	71.3	72.2	71.3	61	57.2	3	ENE	0.75	9	ENE	71.3	71.1	71.1
6/23/2021	12:30 PM	73.1	73.1	71.3	61	58.8	3	NE	0.75	9	NNW	73.1	73.4	73.4
6/23/2021	12:45 PM	72.8	73.1	72.6	63	59.5	3	ENE	0.75	8	N	72.8	73.2	73.2
6/23/2021	1:00 PM	74.1	74.3	72.8	55	56.9	2	ENE	0.5	8	N	74.1	74.2	74.2
6/23/2021	1:15 PM	73.3	74.6	72.9	56	56.7	2	WNW	0.5	8	W	73.3	73.3	73.3

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/23/2021	3:45 AM	29.7	0	0	0.108	0	70.6	54	53.1	69.5	9.94	0.0733	304	7	100	15
6/23/2021	4:00 AM	29.7	0	0	0.111	0	70.2	55	53.3	69.1	10.15	0.0733	303	7	100	15
6/23/2021	4:15 AM	29.703	0	0	0.115	0	69.8	55	52.9	68.7	10.15	0.0734	304	7	100	15
6/23/2021	4:30 AM	29.706	0	0	0.107	0	69.5	55	52.6	68.4	10.16	0.0735	300	7	100	15
6/23/2021	4:45 AM	29.708	0	0	0.107	0	69.2	55	52.3	68.2	10.17	0.0735	304	7	100	15
6/23/2021	5:00 AM	29.716	0	0	0.11	0	69.1	55	52.2	68.1	10.17	0.0736	304	7	100	15
6/23/2021	5:15 AM	29.723	0	0	0.112	0	68.7	56	52.4	67.8	10.38	0.0736	304	7	100	15
6/23/2021	5:30 AM	29.723	0	0	0.117	0	68.5	56	52.2	67.7	10.38	0.0737	300	7	100	15
6/23/2021	5:45 AM	29.729	0	0	0.118	0	68.2	56	51.9	67.4	10.39	0.0737	302	7	100	15
6/23/2021	6:00 AM	29.736	0	0	0.114	0	68.1	56	51.8	67.3	10.39	0.0738	302	7	100	15
6/23/2021	6:15 AM	29.745	0	0	0.112	0	67.9	56	51.6	67.1	10.39	0.0738	301	7	100	15
6/23/2021	6:30 AM	29.748	0	0	0.11	0	67.8	57	52	67	10.59	0.0738	301	7	100	15
6/23/2021	6:45 AM	29.749	0	0	0.104	0	67.9	57	52.1	67.1	10.59	0.0738	305	7	100	15
6/23/2021	7:00 AM	29.757	0	0	0.101	0	68.1	57	52.3	67.4	10.59	0.0738	303	7	100	15
6/23/2021	7:15 AM	29.759	0	0	0.096	0	68.4	57	52.6	67.7	10.58	0.0737	306	7	100	15
6/23/2021	7:30 AM	29.762	0	0	0.088	0	68.7	57	52.8	67.9	10.58	0.0737	303	7	100	15
6/23/2021	7:45 AM	29.769	0	0	0.076	0	68.9	57	53	68.1	10.57	0.0737	304	7	100	15
6/23/2021	8:00 AM	29.773	0	0	0.059	0	69.3	57	53.4	68.5	10.56	0.0736	306	7	100	15
6/23/2021	8:15 AM	29.773	0	0	0.055	0	69.7	58	54.3	68.9	10.75	0.0735	304	7	100	15
6/23/2021	8:30 AM	29.772	0	0	0.051	0	70.1	58	54.6	69.3	10.75	0.0735	301	7	100	15
6/23/2021	8:45 AM	29.78	0	0	0.047	0	70.7	57	54.7	69.9	10.52	0.0734	298	7	100	15
6/23/2021	9:00 AM	29.786	0	0	0.041	0	71.3	57	55.3	70.7	10.5	0.0733	303	7	100	15
6/23/2021	9:15 AM	29.787	0	0	0.034	0	72	57	55.9	71.7	10.47	0.0732	306	7	100	15
6/23/2021	9:30 AM	29.789	0	0	0.021	0	73	57	56.9	73	10.43	0.073	301	7	100	15
6/23/2021	9:45 AM	29.79	0	0	0.014	0	74	56	57.3	74.2	10.27	0.0729	303	7	100	15
6/23/2021	10:00 AM	29.789	0	0	0.004	0	74.7	56	58	74.9	10.26	0.0727	301	7	100	15
6/23/2021	10:15 AM	29.79	0	0	0	0.006	75.8	55	58.5	76	10.02	0.0726	303	7	100	15
6/23/2021	10:30 AM	29.792	0	0	0	0.021	77.1	55	59.7	77.3	9.97	0.0723	306	7	100	15
6/23/2021	10:45 AM	29.79	0	0	0	0.027	78.5	54	60.5	78.8	9.78	0.0721	302	7	100	15
6/23/2021	11:00 AM	29.789	0	0	0	0.032	79.7	53	61.1	80.1	9.65	0.0719	303	7	100	15
6/23/2021	11:15 AM	29.788	0	0	0	0.042	80.9	52	61.6	81.5	9.43	0.0717	304	7	100	15
6/23/2021	11:30 AM	29.785	0	0	0	0.055	82	51	62.1	82.7	9.31	0.0716	300	7	100	15
6/23/2021	11:45 AM	29.779	0	0	0	0.066	83.2	50	62.6	84.1	9.09	0.0714	303	7	100	15
6/23/2021	12:00 PM	29.781	0	0	0	0.074	84.4	50	63.7	85.8	9.06	0.0712	304	7	100	15
6/23/2021	12:15 PM	29.782	0	0	0	0.066	85	48	63.1	86.1	8.75	0.0711	304	7	100	15
6/23/2021	12:30 PM	29.782	0	0	0	0.084	85.8	47	63.2	87	8.53	0.071	303	7	100	15
6/23/2021	12:45 PM	29.783	0	0	0	0.081	86.1	47	63.5	87.4	8.53	0.0709	301	7	100	15
6/23/2021	1:00 PM	29.781	0	0	0	0.095	87	46	63.7	88.4	8.41	0.0708	304	7	100	15
6/23/2021	1:15 PM	29.778	0	0	0	0.086	87.5	45	63.5	88.8	8.2	0.0708	301	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/23/2021	1:30 PM	75.7	75.7	73.3	54	57.9	2	NE	0.5	6	ENE	75.7	75.8	75.8
6/23/2021	1:45 PM	76.2	76.6	75.7	54	58.3	2	WSW	0.5	5	NW	76.2	76.3	76.3
6/23/2021	2:00 PM	76	76.8	76	53	57.6	2	W	0.5	9	E	76	76.1	76.1
6/23/2021	2:15 PM	75.6	76.6	75.6	56	58.8	3	E	0.75	8	ENE	75.6	75.9	75.9
6/23/2021	2:30 PM	76	76.1	75	50	56	2	W	0.5	7	NNE	76	75.9	75.9
6/23/2021	2:45 PM	76.8	77.1	76.1	49	56.2	2	WNW	0.5	5	NNW	76.8	76.6	76.6
6/23/2021	3:00 PM	77.4	77.7	76.8	50	57.3	1	NNE	0.25	7	NNE	77.4	77.3	77.3
6/23/2021	3:15 PM	75.6	77.4	75.6	51	56.2	2	NW	0.5	4	NNW	75.6	75.6	75.6
6/23/2021	3:30 PM	76.5	76.9	75.6	50	56.5	3	N	0.75	7	E	76.5	76.4	76.4
6/23/2021	3:45 PM	76.8	76.8	75.6	49	56.2	2	N	0.5	5	NNW	76.8	76.6	76.6
6/23/2021	4:00 PM	78.2	78.2	76.8	50	58	2	NE	0.5	5	E	78.2	78.2	78.2
6/23/2021	4:15 PM	78.4	78.8	78.2	43	54	2	N	0.5	7	N	78.4	77.5	77.5
6/23/2021	4:30 PM	79.3	79.3	78.3	48	57.9	2	SE	0.5	4	E	79.3	79.1	79.1
6/23/2021	4:45 PM	79.7	79.9	79.4	44	55.9	2	WNW	0.5	5	N	79.7	79	79
6/23/2021	5:00 PM	80.5	80.5	79.5	44	56.6	1	WNW	0.25	4	WNW	80.5	79.8	79.8
6/23/2021	5:15 PM	80	80.9	79.9	45	56.7	2	ENE	0.5	9	ENE	80	79.4	79.4
6/23/2021	5:30 PM	79.7	79.9	79.4	49	58.8	2	NNE	0.5	5	NNE	79.7	79.7	79.7
6/23/2021	5:45 PM	79.4	79.7	79.1	45	56.2	3	ENE	0.75	7	NW	79.4	78.8	78.8
6/23/2021	6:00 PM	79.5	79.6	78.9	47	57.5	1	ENE	0.25	4	ENE	79.5	79.2	79.2
6/23/2021	6:15 PM	79.7	79.8	79.3	44	55.9	2	ENE	0.5	5	ENE	79.7	79	79
6/23/2021	6:30 PM	79.8	80.1	79.7	42	54.7	1	W	0.25	2	NE	79.8	78.8	78.8
6/23/2021	6:45 PM	78.9	79.8	78.9	55	61.4	0	W	0	1	W	78.9	79.4	79.4
6/23/2021	7:00 PM	79	79	78.5	45	55.8	1	ENE	0.25	3	E	79	78.4	78.4
6/23/2021	7:15 PM	79.1	79.5	79	48	57.7	1	NE	0.25	5	NE	79.1	78.9	78.9
6/23/2021	7:30 PM	78	79.1	78	55	60.5	1	NE	0.25	6	NE	78	78.3	78.3
6/23/2021	7:45 PM	78.3	78.4	78.1	55	60.8	1	NNE	0.25	3	NNE	78.3	78.7	78.7
6/23/2021	8:00 PM	77.5	78.6	77.4	56	60.6	1	WSW	0.25	3	WSW	77.5	77.8	77.8
6/23/2021	8:15 PM	75.5	77.4	75.5	60	60.6	1	NE	0.25	2	NNE	75.5	75.9	75.9
6/23/2021	8:30 PM	73.4	75.4	73.4	64	60.5	0	NNW	0	3	NNW	73.4	74	74
6/23/2021	8:45 PM	71.5	73.4	71.4	65	59.1	0	NNE	0	2	NNW	71.5	71.6	71.6
6/23/2021	9:00 PM	70.4	71.4	70.4	68	59.3	0	NW	0	3	W	70.4	70.5	70.5
6/23/2021	9:15 PM	69.4	70.4	69.4	70	59.2	0	NW	0	2	NW	69.4	69.8	69.8
6/23/2021	9:30 PM	68.7	69.4	68.6	71	58.9	0	N	0	2	N	68.7	69.2	69.2
6/23/2021	9:45 PM	67.9	68.7	67.9	71	58.1	0	NNE	0	3	NNE	67.9	68.3	68.3
6/23/2021	10:00 PM	67.5	67.9	67.5	73	58.5	1	NE	0.25	2	NNE	67.5	67.9	67.9
6/23/2021	10:15 PM	67.5	67.5	67.3	71	57.8	1	WNW	0.25	3	WNW	67.5	67.8	67.8
6/23/2021	10:30 PM	66.9	67.5	66.9	72	57.6	0	WNW	0	2	WNW	66.9	67.1	67.1
6/23/2021	10:45 PM	66.5	67	66.5	73	57.6	0	W	0	1	W	66.5	66.7	66.7
6/23/2021	11:00 PM	66.2	66.5	66.1	72	56.9	0	WSW	0	2	W	66.2	66.3	66.3

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/23/2021	1:30 PM	29.774	0	0	0	0.111	88.6	45	64.5	90.5	8.18	0.0705	305	7	100	15
6/23/2021	1:45 PM	29.773	0	0	0	0.117	89.5	44	64.7	91.6	8.06	0.0704	304	7	100	15
6/23/2021	2:00 PM	29.773	0	0	0	0.115	89.7	43	64.2	91.6	7.95	0.0704	302	7	100	15
6/23/2021	2:15 PM	29.773	0	0	0	0.11	89.9	42	63.7	91.5	7.75	0.0704	306	7	100	15
6/23/2021	2:30 PM	29.771	0	0	0	0.115	89.5	43	64	91.2	7.95	0.0705	304	7	100	15
6/23/2021	2:45 PM	29.77	0	0	0	0.123	90.4	42	64.2	92.3	7.73	0.0703	303	7	100	15
6/23/2021	3:00 PM	29.77	0	0	0	0.129	90.8	41	63.9	92.6	7.62	0.0703	303	7	100	15
6/23/2021	3:15 PM	29.77	0	0	0	0.11	90.2	41	63.3	91.6	7.64	0.0704	304	7	100	15
6/23/2021	3:30 PM	29.77	0	0	0	0.12	90.4	41	63.5	92	7.63	0.0704	307	7	100	15
6/23/2021	3:45 PM	29.767	0	0	0	0.123	89.8	40	62.3	90.7	7.45	0.0705	302	7	100	15
6/23/2021	4:00 PM	29.764	0	0	0	0.137	90.5	39	62.2	91.4	7.24	0.0704	305	7	100	15
6/23/2021	4:15 PM	29.763	0	0	0	0.14	90.7	39	62.3	91.7	7.24	0.0704	302	7	100	15
6/23/2021	4:30 PM	29.757	0	0	0	0.149	90.9	38	61.8	91.7	7.13	0.0703	302	7	100	15
6/23/2021	4:45 PM	29.755	0	0	0	0.153	90.7	38	61.6	91.4	7.14	0.0704	304	7	100	15
6/23/2021	5:00 PM	29.753	0	0	0	0.161	90.2	39	61.9	91	7.25	0.0704	302	7	100	15
6/23/2021	5:15 PM	29.755	0	0	0	0.156	89.7	39	61.5	90.2	7.26	0.0705	306	7	100	15
6/23/2021	5:30 PM	29.755	0	0	0	0.153	89.1	39	60.9	89.4	7.27	0.0706	303	7	100	15
6/23/2021	5:45 PM	29.755	0	0	0	0.15	88.6	39	60.5	88.7	7.28	0.0707	304	7	100	15
6/23/2021	6:00 PM	29.754	0	0	0	0.151	88.4	39	60.3	88.4	7.28	0.0707	304	7	100	15
6/23/2021	6:15 PM	29.756	0	0	0	0.153	88.2	39	60.1	88.1	7.29	0.0708	304	7	100	15
6/23/2021	6:30 PM	29.756	0	0	0	0.154	88	39	59.9	87.9	7.29	0.0708	304	7	100	15
6/23/2021	6:45 PM	29.753	0	0	0	0.145	87.5	40	60.2	87.4	7.5	0.0708	303	7	100	15
6/23/2021	7:00 PM	29.751	0	0	0	0.146	87.2	41	60.6	87.3	7.65	0.0709	304	7	100	15
6/23/2021	7:15 PM	29.752	0	0	0	0.147	87.5	41	60.9	87.7	7.65	0.0708	304	7	100	15
6/23/2021	7:30 PM	29.756	0	0	0	0.135	87.6	41	61	87.9	7.65	0.0708	303	7	100	15
6/23/2021	7:45 PM	29.76	0	0	0	0.139	87.4	42	61.5	87.9	7.8	0.0708	304	7	100	15
6/23/2021	8:00 PM	29.766	0	0	0	0.13	87	42	61.1	87.3	7.81	0.0709	303	7	100	15
6/23/2021	8:15 PM	29.769	0	0	0	0.109	86.5	43	61.3	86.9	7.95	0.071	304	7	100	15
6/23/2021	8:30 PM	29.771	0	0	0	0.088	85.7	43	60.6	85.8	7.95	0.0711	304	7	100	15
6/23/2021	8:45 PM	29.774	0	0	0	0.068	84.9	44	60.6	85.1	8.15	0.0712	300	7	100	15
6/23/2021	9:00 PM	29.776	0	0	0	0.056	84.1	44	59.8	84	8.15	0.0714	300	7	100	15
6/23/2021	9:15 PM	29.782	0	0	0	0.046	83.3	45	59.7	83.2	8.28	0.0715	303	7	100	15
6/23/2021	9:30 PM	29.785	0	0	0	0.039	82.6	46	59.7	82.6	8.45	0.0716	302	7	100	15
6/23/2021	9:45 PM	29.793	0	0	0	0.03	82.2	46	59.4	82.1	8.45	0.0717	306	7	100	15
6/23/2021	10:00 PM	29.799	0	0	0	0.026	81.8	46	59	81.6	8.45	0.0718	305	7	100	15
6/23/2021	10:15 PM	29.809	0	0	0	0.026	81.3	46	58.5	81	8.45	0.0719	303	7	100	15
6/23/2021	10:30 PM	29.816	0	0	0	0.02	80.7	47	58.6	80.5	8.64	0.072	304	7	100	15
6/23/2021	10:45 PM	29.82	0	0	0	0.016	80.2	47	58.1	79.9	8.65	0.0721	304	7	100	15
6/23/2021	11:00 PM	29.818	0	0	0	0.012	79.6	47	57.6	79.3	8.66	0.0722	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/23/2021	11:15 PM	65.7	66.2	65.7	73	56.8	0	WSW	0	2	WSW	65.7	65.8	65.8
6/23/2021	11:30 PM	65.6	65.8	65.6	74	57.1	0	WSW	0	2	W	65.6	65.7	65.7
6/23/2021	11:45 PM	65.1	65.6	65.1	76	57.3	0	WSW	0	2	WSW	65.1	65.3	65.3
6/24/2021	12:00 AM	64.6	65.2	64.6	76	56.9	0	WSW	0	1	WSW	64.6	64.7	64.7
6/24/2021	12:15 AM	64.2	64.6	64.2	77	56.8	0	WSW	0	2	WSW	64.2	64.3	64.3
6/24/2021	12:30 AM	63.7	64.2	63.7	78	56.7	0	SE	0	2	WSW	63.7	63.9	63.9
6/24/2021	12:45 AM	63.4	63.8	63.4	79	56.8	0	E	0	2	E	63.4	63.6	63.6
6/24/2021	1:00 AM	63.2	63.5	63.2	80	56.9	0	E	0	2	E	63.2	63.4	63.4
6/24/2021	1:15 AM	63.1	63.2	62.9	79	56.5	0	SE	0	2	ENE	63.1	63.2	63.2
6/24/2021	1:30 AM	63.1	63.1	62.9	80	56.8	1	E	0.25	2	ESE	63.1	63.3	63.3
6/24/2021	1:45 AM	63.4	63.4	63	78	56.4	0	E	0	2	E	63.4	63.5	63.5
6/24/2021	2:00 AM	62.7	63.4	62.7	81	56.8	1	E	0.25	2	E	62.7	62.9	62.9
6/24/2021	2:15 AM	62.2	62.6	62.2	81	56.3	1	ENE	0.25	2	ENE	62.2	62.3	62.3
6/24/2021	2:30 AM	62.3	62.3	62.1	81	56.4	1	NE	0.25	2	ENE	62.3	62.5	62.5
6/24/2021	2:45 AM	62.2	62.3	62.2	81	56.3	0	E	0	2	E	62.2	62.3	62.3
6/24/2021	3:00 AM	61.5	62.2	61.5	83	56.3	1	E	0.25	3	E	61.5	61.6	61.6
6/24/2021	3:15 AM	60.9	61.5	60.7	83	55.7	0	ENE	0	2	ENE	60.9	60.9	60.9
6/24/2021	3:30 AM	61.4	61.6	60.9	83	56.2	1	E	0.25	3	E	61.4	61.5	61.5
6/24/2021	3:45 AM	60.9	61.4	60.9	84	56	1	E	0.25	2	E	60.9	61	61
6/24/2021	4:00 AM	60.2	60.9	60.2	85	55.7	0	E	0	2	E	60.2	60.2	60.2
6/24/2021	4:15 AM	60.7	60.7	60.2	84	55.8	1	E	0.25	2	E	60.7	60.7	60.7
6/24/2021	4:30 AM	60.6	60.8	60.6	84	55.7	1	ENE	0.25	2	ENE	60.6	60.6	60.6
6/24/2021	4:45 AM	60.2	60.6	60.2	85	55.7	1	E	0.25	2	ENE	60.2	60.2	60.2
6/24/2021	5:00 AM	59.7	60.2	59.7	86	55.5	1	ENE	0.25	4	NE	59.7	59.7	59.7
6/24/2021	5:15 AM	59.8	59.8	59.7	86	55.6	1	NNE	0.25	4	NE	59.8	59.8	59.8
6/24/2021	5:30 AM	59.7	59.8	59.6	87	55.8	0	NE	0	2	NE	59.7	59.8	59.8
6/24/2021	5:45 AM	59.7	59.8	59.6	87	55.8	1	NE	0.25	3	NNW	59.7	59.8	59.8
6/24/2021	6:00 AM	59.6	59.8	59.6	87	55.7	1	ENE	0.25	3	ENE	59.6	59.7	59.7
6/24/2021	6:15 AM	59.6	59.6	59.4	87	55.7	1	NNE	0.25	3	NNE	59.6	59.7	59.7
6/24/2021	6:30 AM	59.5	59.6	59.4	87	55.6	0	NE	0	2	NE	59.5	59.6	59.6
6/24/2021	6:45 AM	59.6	59.6	59.4	87	55.7	0	NE	0	3	NE	59.6	59.7	59.7
6/24/2021	7:00 AM	60	60	59.6	87	56.1	1	ENE	0.25	3	NE	60	60.1	60.1
6/24/2021	7:15 AM	60.8	60.8	59.9	85	56.3	1	NE	0.25	4	NE	60.8	60.9	60.9
6/24/2021	7:30 AM	62.5	62.5	60.8	83	57.3	2	ENE	0.5	4	E	62.5	62.7	62.7
6/24/2021	7:45 AM	63.9	63.9	62.5	81	58	3	ENE	0.75	7	NE	63.9	64.3	64.3
6/24/2021	8:00 AM	64.7	64.7	63.9	80	58.4	3	NE	0.75	7	NE	64.7	65.2	65.2
6/24/2021	8:15 AM	65.2	65.4	64.8	80	58.9	3	NE	0.75	8	ENE	65.2	65.8	65.8
6/24/2021	8:30 AM	65.7	65.7	65.2	81	59.7	3	NE	0.75	7	ENE	65.7	66.4	66.4
6/24/2021	8:45 AM	66.4	66.5	65.7	79	59.7	4	NE	1	7	E	66.4	67.2	67.2

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/23/2021	11:15 PM	29.82	0	0	0	0.007	79.2	48	57.8	79	8.87	0.0722	304	7	100	15
6/23/2021	11:30 PM	29.822	0	0	0	0.006	78.9	48	57.5	78.7	8.87	0.0723	301	7	100	15
6/23/2021	11:45 PM	29.822	0	0	0	0.001	78.4	48	57.1	78.1	8.88	0.0724	302	7	100	15
6/24/2021	12:00 AM	29.828	0	0	0.004	0	78	49	57.3	77.9	8.99	0.0724	300	7	100	15
6/24/2021	12:15 AM	29.83	0	0	0.008	0	77.6	49	56.9	77.4	9	0.0725	305	7	100	15
6/24/2021	12:30 AM	29.831	0	0	0.014	0	77.3	49	56.6	77.1	9	0.0725	304	7	100	15
6/24/2021	12:45 AM	29.83	0	0	0.017	0	76.9	49	56.3	76.7	9.01	0.0726	300	7	100	15
6/24/2021	1:00 AM	29.832	0	0	0.019	0	76.7	50	56.7	76.6	9.22	0.0726	301	7	100	15
6/24/2021	1:15 AM	29.828	0	0	0.02	0	76.4	50	56.4	76.3	9.22	0.0727	305	7	100	15
6/24/2021	1:30 AM	29.829	0	0	0.02	0	76.1	51	56.7	76.1	9.35	0.0727	305	7	100	15
6/24/2021	1:45 AM	29.827	0	0	0.017	0	75.9	51	56.5	75.9	9.35	0.0727	305	7	100	15
6/24/2021	2:00 AM	29.824	0	0	0.024	0	75.7	51	56.3	75.7	9.35	0.0728	303	7	100	15
6/24/2021	2:15 AM	29.82	0	0	0.029	0	75.5	51	56.1	75.5	9.35	0.0728	304	7	100	15
6/24/2021	2:30 AM	29.818	0	0	0.028	0	75.2	52	56.4	75.2	9.55	0.0728	305	7	100	15
6/24/2021	2:45 AM	29.814	0	0	0.029	0	75	52	56.2	75	9.55	0.0728	306	7	100	15
6/24/2021	3:00 AM	29.81	0	0	0.036	0	74.7	53	56.4	74.8	9.66	0.0729	304	7	100	15
6/24/2021	3:15 AM	29.81	0	0	0.043	0	74.6	53	56.3	74.6	9.67	0.0729	305	7	100	15
6/24/2021	3:30 AM	29.808	0	0	0.037	0	74.3	53	56.1	74.3	9.68	0.0729	306	7	100	15
6/24/2021	3:45 AM	29.811	0	0	0.043	0	74.1	53	55.9	74.1	9.69	0.073	304	7	100	15
6/24/2021	4:00 AM	29.812	0	0	0.05	0	73.9	54	56.2	73.9	9.87	0.073	302	7	100	15
6/24/2021	4:15 AM	29.814	0	0	0.045	0	73.7	54	56	73.7	9.88	0.073	306	7	100	15
6/24/2021	4:30 AM	29.819	0	0	0.046	0	73.4	54	55.7	73.3	9.88	0.0731	304	7	100	15
6/24/2021	4:45 AM	29.823	0	0	0.05	0	73.2	54	55.6	73.1	9.89	0.0731	304	7	100	15
6/24/2021	5:00 AM	29.827	0	0	0.055	0	72.9	55	55.8	72.8	10.09	0.0732	304	7	100	15
6/24/2021	5:15 AM	29.829	0	0	0.054	0	72.8	55	55.7	72.6	10.09	0.0732	303	7	100	15
6/24/2021	5:30 AM	29.832	0	0	0.055	0	72.5	55	55.4	72.2	10.1	0.0732	307	7	100	15
6/24/2021	5:45 AM	29.84	0	0	0.055	0	72.5	55	55.4	72.2	10.1	0.0733	301	7	100	15
6/24/2021	6:00 AM	29.841	0	0	0.056	0	72.4	55	55.3	72.1	10.1	0.0733	305	7	100	15
6/24/2021	6:15 AM	29.845	0	0	0.056	0	72.2	56	55.6	71.9	10.31	0.0733	301	7	100	15
6/24/2021	6:30 AM	29.847	0	0	0.057	0	72.2	56	55.6	71.9	10.31	0.0733	301	7	100	15
6/24/2021	6:45 AM	29.85	0	0	0.056	0	72	56	55.4	71.6	10.31	0.0734	304	7	100	15
6/24/2021	7:00 AM	29.852	0	0	0.052	0	72.2	56	55.6	71.9	10.31	0.0733	305	7	100	15
6/24/2021	7:15 AM	29.857	0	0	0.044	0	72.4	56	55.8	72.1	10.3	0.0733	305	7	100	15
6/24/2021	7:30 AM	29.857	0	0	0.026	0	72.9	56	56.3	72.8	10.29	0.0732	302	7	100	15
6/24/2021	7:45 AM	29.855	0	0	0.011	0	73.3	57	57.1	73.4	10.42	0.0731	304	7	100	15
6/24/2021	8:00 AM	29.857	0	0	0.003	0	73.7	57	57.5	73.9	10.4	0.0731	307	7	100	15
6/24/2021	8:15 AM	29.859	0	0	0	0.002	74.1	57	57.9	74.3	10.39	0.073	304	7	100	15
6/24/2021	8:30 AM	29.856	0	0	0	0.007	74.7	57	58.5	75	10.36	0.0729	305	7	100	15
6/24/2021	8:45 AM	29.855	0	0	0	0.015	75.2	57	58.9	75.5	10.34	0.0728	301	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/24/2021	9:00 AM	67.6	67.6	66.4	77	60.1	2	NE	0.5	7	NE	67.6	68.4	68.4
6/24/2021	9:15 AM	68.4	68.4	67.6	74	59.8	3	NE	0.75	6	NE	68.4	69.1	69.1
6/24/2021	9:30 AM	68.8	68.8	68.3	73	59.8	2	ENE	0.5	5	ENE	68.8	69.5	69.5
6/24/2021	9:45 AM	69.6	69.6	68.8	73	60.6	2	ENE	0.5	5	ENE	69.6	70.2	70.2
6/24/2021	10:00 AM	70.6	70.6	69.7	72	61.1	3	NE	0.75	10	NNE	70.6	71.1	71.1
6/24/2021	10:15 AM	71.2	71.2	70.5	71	61.3	2	NE	0.5	7	ENE	71.2	71.7	71.7
6/24/2021	10:30 AM	72.3	72.3	71.2	68	61.1	3	NE	0.75	8	ENE	72.3	72.8	72.8
6/24/2021	10:45 AM	73.4	73.4	72.3	65	60.9	3	NE	0.75	8	ENE	73.4	74.1	74.1
6/24/2021	11:00 AM	74	74	73.4	63	60.6	3	NE	0.75	9	NE	74	74.6	74.6
6/24/2021	11:15 AM	74.6	74.6	73.9	62	60.7	1	W	0.25	3	NE	74.6	75.2	75.2
6/24/2021	11:30 AM	75.2	75.3	74.6	58	59.4	2	NE	0.5	6	NE	75.2	75.5	75.5
6/24/2021	11:45 AM	75.3	75.3	75	66	63.2	2	N	0.5	6	NNW	75.3	76.2	76.2
6/24/2021	12:00 PM	76	76.5	75.3	58	60.2	3	NE	0.75	5	NE	76	76.4	76.4
6/24/2021	12:15 PM	76.2	76.2	75.7	64	63.1	1	NNE	0.25	5	ENE	76.2	77.1	77.1
6/24/2021	12:30 PM	76.5	77	76.3	56	59.6	2	ENE	0.5	7	E	76.5	76.8	76.8
6/24/2021	12:45 PM	77.2	77.4	76.5	58	61.3	1	WNW	0.25	5	NW	77.2	77.6	77.6
6/24/2021	1:00 PM	77.8	77.9	77.2	56	60.8	3	NE	0.75	8	NNE	77.8	78.2	78.2
6/24/2021	1:15 PM	78.7	78.9	77.8	57	62.2	2	NE	0.5	10	ENE	78.7	79.3	79.3
6/24/2021	1:30 PM	78.7	78.7	78	57	62.2	2	NE	0.5	9	ENE	78.7	79.3	79.3
6/24/2021	1:45 PM	79.3	79.4	78.7	56	62.2	2	SE	0.5	7	E	79.3	79.9	79.9
6/24/2021	2:00 PM	78.2	79.4	78.2	55	60.7	2	NE	0.5	7	E	78.2	78.5	78.5
6/24/2021	2:15 PM	79	79	77.6	63	65.3	3	NE	0.75	6	ENE	79	80.4	80.4
6/24/2021	2:30 PM	77.6	79.5	77.6	58	61.7	2	ENE	0.5	9	ENE	77.6	78.1	78.1
6/24/2021	2:45 PM	77	77.5	77	59	61.6	3	ENE	0.75	6	NE	77	77.4	77.4
6/24/2021	3:00 PM	79.6	79.6	77	59	64	2	NNE	0.5	5	ENE	79.6	80.6	80.6
6/24/2021	3:15 PM	80.4	80.5	79.6	51	60.6	2	NE	0.5	9	W	80.4	80.8	80.8
6/24/2021	3:30 PM	80.7	80.8	80.2	53	62	3	NE	0.75	8	ENE	80.7	81.4	81.4
6/24/2021	3:45 PM	80.4	81.1	80.4	54	62.2	2	NE	0.5	9	NE	80.4	81.1	81.1
6/24/2021	4:00 PM	79.2	80.4	79	59	63.6	1	NE	0.25	3	ENE	79.2	80.1	80.1
6/24/2021	4:15 PM	81	81.2	79.2	58	64.8	2	SSW	0.5	6	S	81	82.4	82.4
6/24/2021	4:30 PM	78.8	81	78.8	56	61.8	1	SSW	0.25	5	S	78.8	79.3	79.3
6/24/2021	4:45 PM	78.6	78.8	77.9	56	61.6	1	S	0.25	4	NNW	78.6	79.1	79.1
6/24/2021	5:00 PM	80.5	80.6	78.7	51	60.7	2	W	0.5	6	WNW	80.5	80.9	80.9
6/24/2021	5:15 PM	81.1	81.5	80.5	55	63.4	2	SSE	0.5	6	S	81.1	82.1	82.1
6/24/2021	5:30 PM	81.9	81.9	80.4	60	66.6	2	S	0.5	6	SSE	81.9	84.1	84.1
6/24/2021	5:45 PM	82.4	82.7	82	54	64.1	2	NNE	0.5	6	NE	82.4	83.7	83.7
6/24/2021	6:00 PM	80.4	82.7	80.4	54	62.2	2	SE	0.5	7	ENE	80.4	81.1	81.1
6/24/2021	6:15 PM	78.9	80.4	78.9	59	63.4	1	ENE	0.25	3	ENE	78.9	79.7	79.7
6/24/2021	6:30 PM	77.6	78.9	77.6	58	61.7	1	NW	0.25	3	ENE	77.6	78.1	78.1

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/24/2021	9:00 AM	29.862	0	0	0	0.027	75.8	57	59.5	76.1	10.32	0.0727	299	7	100	15
6/24/2021	9:15 AM	29.879	0	0	0	0.035	76.5	57	60.1	76.8	10.29	0.0726	307	7	100	15
6/24/2021	9:30 AM	29.886	0	0	0	0.04	77.1	56	60.2	77.4	10.17	0.0726	303	7	100	15
6/24/2021	9:45 AM	29.885	0	0	0	0.048	77.8	56	60.8	78.2	10.14	0.0724	305	7	100	15
6/24/2021	10:00 AM	29.87	0	0	0	0.058	78.6	55	61.1	79	9.91	0.0723	304	7	100	15
6/24/2021	10:15 AM	29.862	0	0	0	0.065	79.7	55	62.1	80.3	9.86	0.0721	303	7	100	15
6/24/2021	10:30 AM	29.859	0	0	0	0.076	81.1	54	62.9	82	9.75	0.0718	304	7	100	15
6/24/2021	10:45 AM	29.855	0	0	0	0.088	82.6	52	63.2	83.7	9.4	0.0716	301	7	100	15
6/24/2021	11:00 AM	29.858	0	0	0	0.094	83.9	51	63.8	85.3	9.27	0.0714	305	7	100	15
6/24/2021	11:15 AM	29.864	0	0	0	0.1	85.1	50	64.4	86.7	9.05	0.0712	306	7	100	15
6/24/2021	11:30 AM	29.867	0	0	0	0.106	86.2	49	64.8	88.1	8.85	0.0711	302	7	100	15
6/24/2021	11:45 AM	29.875	0	0	0	0.107	87.2	48	65.1	89.3	8.71	0.0709	304	7	100	15
6/24/2021	12:00 PM	29.877	0	0	0	0.115	88.4	47	65.6	90.9	8.48	0.0708	303	7	100	15
6/24/2021	12:15 PM	29.87	0	0	0	0.117	88.7	46	65.3	91	8.38	0.0707	304	7	100	15
6/24/2021	12:30 PM	29.861	0	0	0	0.12	89.5	46	66	92.3	8.36	0.0706	304	7	100	15
6/24/2021	12:45 PM	29.857	0	0	0	0.127	90.2	46	66.6	93.5	8.35	0.0704	304	7	100	15
6/24/2021	1:00 PM	29.851	0	0	0	0.133	90.4	45	66.2	93.4	8.15	0.0704	305	7	100	15
6/24/2021	1:15 PM	29.838	0	0	0	0.143	91.1	45	66.8	94.6	8.15	0.0703	301	7	100	15
6/24/2021	1:30 PM	29.829	0	0	0	0.143	91.8	44	66.8	95.4	8.01	0.0702	303	7	100	15
6/24/2021	1:45 PM	29.822	0	0	0	0.149	92.3	43	66.6	95.9	7.86	0.0701	305	7	100	15
6/24/2021	2:00 PM	29.821	0	0	0	0.137	92.1	43	66.4	95.5	7.87	0.0701	303	7	100	15
6/24/2021	2:15 PM	29.815	0	0	0	0.146	92	43	66.3	95.4	7.87	0.0701	306	7	100	15
6/24/2021	2:30 PM	29.816	0	0	0	0.131	92	43	66.3	95.4	7.87	0.0701	304	7	100	15
6/24/2021	2:45 PM	29.824	0	0	0	0.125	91.5	43	65.8	94.5	7.89	0.0702	304	7	100	15
6/24/2021	3:00 PM	29.811	0	0	0	0.152	91.8	42	65.4	94.6	7.68	0.0702	304	7	100	15
6/24/2021	3:15 PM	29.806	0	0	0	0.16	92.4	42	66	95.6	7.65	0.0701	306	7	100	15
6/24/2021	3:30 PM	29.799	0	0	0	0.164	93	42	66.5	96.7	7.63	0.0699	306	7	100	15
6/24/2021	3:45 PM	29.801	0	0	0	0.16	93.7	41	66.4	97.4	7.5	0.0699	305	7	100	15
6/24/2021	4:00 PM	29.794	0	0	0	0.148	92.5	41	65.4	95.3	7.55	0.0701	303	7	100	15
6/24/2021	4:15 PM	29.797	0	0	0	0.167	92.9	40	65	95.5	7.33	0.07	304	7	100	15
6/24/2021	4:30 PM	29.796	0	0	0	0.144	92.2	40	64.4	94.4	7.36	0.0701	305	7	100	15
6/24/2021	4:45 PM	29.798	0	0	0	0.142	91.2	41	64.2	93.2	7.6	0.0703	303	7	100	15
6/24/2021	5:00 PM	29.793	0	0	0	0.161	91.2	41	64.2	93.2	7.6	0.0703	304	7	100	15
6/24/2021	5:15 PM	29.789	0	0	0	0.168	91.3	41	64.3	93.4	7.6	0.0703	304	7	100	15
6/24/2021	5:30 PM	29.785	0	0	0	0.176	91.2	41	64.2	93.2	7.6	0.0703	304	7	100	15
6/24/2021	5:45 PM	29.78	0	0	0	0.181	91.4	41	64.4	93.5	7.59	0.0702	303	7	100	15
6/24/2021	6:00 PM	29.776	0	0	0	0.16	91.4	41	64.4	93.5	7.59	0.0702	304	7	100	15
6/24/2021	6:15 PM	29.778	0	0	0	0.145	90.9	41	63.9	92.7	7.61	0.0703	303	7	100	15
6/24/2021	6:30 PM	29.771	0	0	0	0.131	90.4	42	64.2	92.3	7.73	0.0703	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/24/2021	6:45 PM	76.7	77.6	76.7	60	61.8	0	SW	0	3	WSW	76.7	77.2	77.2
6/24/2021	7:00 PM	76	76.7	76	65	63.4	0	WSW	0	2	WSW	76	76.9	76.9
6/24/2021	7:15 PM	76.1	76.1	75.9	69	65.2	0	WSW	0	1	WSW	76.1	77.4	77.4
6/24/2021	7:30 PM	75.8	76.1	75.8	66	63.6	0	SW	0	2	SW	75.8	76.8	76.8
6/24/2021	7:45 PM	75.5	75.8	75.3	70	65	0	N	0	2	N	75.5	76.9	76.9
6/24/2021	8:00 PM	75.6	75.7	75.4	63	62.1	1	N	0.25	4	WSW	75.6	76.3	76.3
6/24/2021	8:15 PM	75.4	75.7	75.4	63	61.9	0	ENE	0	3	WSW	75.4	76.1	76.1
6/24/2021	8:30 PM	74	75.4	74	65	61.5	0	ENE	0	2	SSE	74	74.8	74.8
6/24/2021	8:45 PM	72.6	74	72.6	66	60.6	0	N	0	1	N	72.6	73.1	73.1
6/24/2021	9:00 PM	71.3	72.6	71.3	68	60.2	0	N	0	2	N	71.3	71.6	71.6
6/24/2021	9:15 PM	70.2	71.3	70.2	69	59.6	0	N	0	1	N	70.2	70.4	70.4
6/24/2021	9:30 PM	69.5	70.2	69.4	70	59.3	0	N	0	1	N	69.5	69.8	69.8
6/24/2021	9:45 PM	68.8	69.4	68.8	71	59	0	N	0	1	N	68.8	69.3	69.3
6/24/2021	10:00 PM	68.3	68.8	68.3	72	58.9	0	N	0	1	N	68.3	68.8	68.8
6/24/2021	10:15 PM	67.8	68.4	67.8	74	59.2	0	---	0	0	---	67.8	68.4	68.4
6/24/2021	10:30 PM	67.3	67.8	67.3	74	58.7	0	N	0	2	N	67.3	67.8	67.8
6/24/2021	10:45 PM	66.9	67.3	66.9	75	58.7	0	N	0	1	N	66.9	67.4	67.4
6/24/2021	11:00 PM	66.7	67	66.6	76	58.9	0	---	0	0	---	66.7	67.2	67.2
6/24/2021	11:15 PM	66.2	66.6	66.2	75	58	0	N	0	3	N	66.2	66.5	66.5
6/24/2021	11:30 PM	66.2	66.3	66.1	76	58.4	0	---	0	0	---	66.2	66.6	66.6
6/24/2021	11:45 PM	65.8	66.2	65.8	76	58	0	---	0	0	---	65.8	66.2	66.2
6/25/2021	12:00 AM	65.4	65.8	65.4	77	58	0	N	0	1	N	65.4	65.8	65.8
6/25/2021	12:15 AM	65	65.5	65	78	58	0	---	0	0	---	65	65.3	65.3
6/25/2021	12:30 AM	64.6	65	64.6	79	57.9	0	N	0	1	N	64.6	65	65
6/25/2021	12:45 AM	64.3	64.6	64.3	80	58	0	N	0	1	N	64.3	64.7	64.7
6/25/2021	1:00 AM	63.3	64.3	63.3	81	57.4	0	N	0	1	N	63.3	63.6	63.6
6/25/2021	1:15 AM	63	63.4	63	81	57.1	0	---	0	0	---	63	63.2	63.2
6/25/2021	1:30 AM	63	63	62.9	82	57.4	0	N	0	1	N	63	63.3	63.3
6/25/2021	1:45 AM	63	63.1	63	82	57.4	0	N	0	1	N	63	63.3	63.3
6/25/2021	2:00 AM	62.6	63	62.6	83	57.4	0	N	0	1	N	62.6	62.9	62.9
6/25/2021	2:15 AM	62.3	62.6	62.3	83	57.1	0	N	0	1	N	62.3	62.5	62.5
6/25/2021	2:30 AM	61.9	62.3	61.9	83	56.7	1	NE	0.25	2	N	61.9	62	62
6/25/2021	2:45 AM	61.7	62	61.7	83	56.5	0	ENE	0	2	ENE	61.7	61.8	61.8
6/25/2021	3:00 AM	61.9	62	61.7	83	56.7	1	ENE	0.25	2	ENE	61.9	62	62
6/25/2021	3:15 AM	61.6	62	61.6	84	56.7	0	ENE	0	2	ENE	61.6	61.7	61.7
6/25/2021	3:30 AM	61.1	61.6	61	84	56.2	0	ENE	0	1	ENE	61.1	61.2	61.2
6/25/2021	3:45 AM	61.1	61.2	61	85	56.6	0	ENE	0	2	ENE	61.1	61.2	61.2
6/25/2021	4:00 AM	60.8	61.1	60.8	85	56.3	0	E	0	1	E	60.8	60.9	60.9
6/25/2021	4:15 AM	60.6	60.9	60.6	86	56.4	0	E	0	2	E	60.6	60.7	60.7

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/24/2021	6:45 PM	29.774	0	0	0	0.122	89.7	43	64.2	91.6	7.95	0.0704	302	7	100	15
6/24/2021	7:00 PM	29.78	0	0	0	0.115	88.9	44	64.2	90.6	8.07	0.0705	305	7	100	15
6/24/2021	7:15 PM	29.782	0	0	0	0.116	88.6	45	64.5	90.5	8.18	0.0706	304	7	100	15
6/24/2021	7:30 PM	29.784	0	0	0	0.113	88.2	45	64.2	89.9	8.19	0.0706	305	7	100	15
6/24/2021	7:45 PM	29.791	0	0	0	0.109	87.8	46	64.4	89.6	8.39	0.0707	303	7	100	15
6/24/2021	8:00 PM	29.795	0	0	0	0.11	87.4	46	64.1	89	8.4	0.0708	301	7	100	15
6/24/2021	8:15 PM	29.793	0	0	0	0.108	86.9	46	63.6	88.3	8.41	0.0709	301	7	100	15
6/24/2021	8:30 PM	29.795	0	0	0	0.094	86.4	46	63.2	87.5	8.42	0.071	301	7	100	15
6/24/2021	8:45 PM	29.794	0	0	0	0.079	85.7	46	62.5	86.6	8.44	0.0711	302	7	100	15
6/24/2021	9:00 PM	29.792	0	0	0	0.066	84.9	46	61.8	85.5	8.45	0.0712	304	7	100	15
6/24/2021	9:15 PM	29.793	0	0	0	0.054	84.2	46	61.2	84.6	8.45	0.0713	304	7	100	15
6/24/2021	9:30 PM	29.796	0	0	0	0.047	83.6	46	60.6	83.8	8.45	0.0714	302	7	100	15
6/24/2021	9:45 PM	29.8	0	0	0	0.04	83	46	60.1	83	8.45	0.0716	303	7	100	15
6/24/2021	10:00 PM	29.804	0	0	0	0.034	82.5	47	60.2	82.6	8.6	0.0716	304	7	100	15
6/24/2021	10:15 PM	29.816	0	0	0	0.029	81.9	47	59.7	81.9	8.61	0.0718	304	7	100	15
6/24/2021	10:30 PM	29.819	0	0	0	0.024	81.4	47	59.2	81.3	8.62	0.0719	306	7	100	15
6/24/2021	10:45 PM	29.822	0	0	0	0.02	80.9	47	58.8	80.7	8.63	0.0719	305	7	100	15
6/24/2021	11:00 PM	29.827	0	0	0	0.018	80.5	48	59	80.4	8.84	0.072	306	7	100	15
6/24/2021	11:15 PM	29.824	0	0	0	0.012	80.1	48	58.6	80	8.85	0.0721	304	7	100	15
6/24/2021	11:30 PM	29.823	0	0	0	0.012	79.7	48	58.3	79.5	8.86	0.0721	303	7	100	15
6/24/2021	11:45 PM	29.825	0	0	0	0.008	79.4	49	58.6	79.3	8.96	0.0722	304	7	100	15
6/25/2021	12:00 AM	29.825	0	0	0	0.004	78.9	49	58.1	78.8	8.97	0.0723	304	7	100	15
6/25/2021	12:15 AM	29.828	0	0	0	0	78.6	49	57.8	78.5	8.98	0.0723	300	7	100	15
6/25/2021	12:30 AM	29.825	0	0	0.004	0	78.3	50	58.1	78.3	9.18	0.0723	305	7	100	15
6/25/2021	12:45 AM	29.819	0	0	0.007	0	77.8	50	57.7	77.8	9.19	0.0724	303	7	100	15
6/25/2021	1:00 AM	29.812	0	0	0.018	0	77.5	50	57.4	77.4	9.2	0.0724	305	7	100	15
6/25/2021	1:15 AM	29.812	0	0	0.021	0	77	51	57.5	77	9.35	0.0725	304	7	100	15
6/25/2021	1:30 AM	29.822	0	0	0.021	0	76.6	51	57.1	76.6	9.35	0.0726	303	7	100	15
6/25/2021	1:45 AM	29.819	0	0	0.021	0	76.3	51	56.8	76.3	9.35	0.0726	303	7	100	15
6/25/2021	2:00 AM	29.811	0	0	0.025	0	76	52	57.1	76	9.53	0.0727	304	7	100	15
6/25/2021	2:15 AM	29.806	0	0	0.028	0	75.7	52	56.8	75.7	9.54	0.0727	304	7	100	15
6/25/2021	2:30 AM	29.803	0	0	0.032	0	75.4	52	56.5	75.4	9.54	0.0727	306	7	100	15
6/25/2021	2:45 AM	29.802	0	0	0.034	0	75.1	53	56.8	75.2	9.65	0.0728	305	7	100	15
6/25/2021	3:00 AM	29.803	0	0	0.032	0	74.8	53	56.5	74.9	9.66	0.0728	305	7	100	15
6/25/2021	3:15 AM	29.806	0	0	0.035	0	74.6	53	56.3	74.6	9.67	0.0729	305	7	100	15
6/25/2021	3:30 AM	29.812	0	0	0.041	0	74.3	54	56.6	74.4	9.86	0.0729	303	7	100	15
6/25/2021	3:45 AM	29.808	0	0	0.041	0	74.2	54	56.5	74.3	9.87	0.0729	302	7	100	15
6/25/2021	4:00 AM	29.807	0	0	0.044	0	74.1	54	56.4	74.2	9.87	0.0729	302	7	100	15
6/25/2021	4:15 AM	29.813	0	0	0.046	0	74.1	54	56.4	74.2	9.87	0.0729	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/25/2021	4:30 AM	60.9	60.9	60.6	85	56.4	2	ENE	0.5	5	ENE	60.9	61	61
6/25/2021	4:45 AM	60.4	60.9	60.4	86	56.2	1	E	0.25	3	E	60.4	60.5	60.5
6/25/2021	5:00 AM	60.3	60.5	60.2	86	56.1	0	ENE	0	2	ENE	60.3	60.4	60.4
6/25/2021	5:15 AM	60	60.3	60	86	55.8	1	ENE	0.25	3	ENE	60	60.1	60.1
6/25/2021	5:30 AM	60.2	60.2	60	86	56	1	E	0.25	3	ENE	60.2	60.3	60.3
6/25/2021	5:45 AM	59.7	60.2	59.7	87	55.8	0	E	0	2	E	59.7	59.8	59.8
6/25/2021	6:00 AM	59.6	59.7	59.4	86	55.4	1	ENE	0.25	5	NE	59.6	59.6	59.6
6/25/2021	6:15 AM	59.5	59.8	59.5	86	55.3	1	ENE	0.25	4	ENE	59.5	59.5	59.5
6/25/2021	6:30 AM	59.3	59.6	59.3	87	55.4	2	ENE	0.5	5	ENE	59.3	59.3	59.3
6/25/2021	6:45 AM	59.5	59.5	59.2	87	55.6	1	NE	0.25	3	NE	59.5	59.6	59.6
6/25/2021	7:00 AM	59.6	59.7	59.5	86	55.4	1	ENE	0.25	4	ENE	59.6	59.6	59.6
6/25/2021	7:15 AM	60.2	60.2	59.7	86	56	1	ENE	0.25	3	ENE	60.2	60.3	60.3
6/25/2021	7:30 AM	62.1	62.1	60.2	83	56.9	1	NE	0.25	4	E	62.1	62.3	62.3
6/25/2021	7:45 AM	64.2	64.2	62.2	79	57.5	2	ENE	0.5	5	ENE	64.2	64.5	64.5
6/25/2021	8:00 AM	65.1	65.1	64.2	77	57.7	3	ENE	0.75	5	ENE	65.1	65.4	65.4
6/25/2021	8:15 AM	65.6	65.7	65.1	77	58.2	2	ENE	0.5	5	NE	65.6	66	66
6/25/2021	8:30 AM	65.5	65.5	65.3	76	57.7	3	NE	0.75	6	E	65.5	65.8	65.8
6/25/2021	8:45 AM	66.5	66.6	65.5	75	58.3	3	NE	0.75	7	NNE	66.5	66.9	66.9
6/25/2021	9:00 AM	67.2	67.2	66.5	76	59.4	3	NE	0.75	7	ENE	67.2	67.8	67.8
6/25/2021	9:15 AM	68.1	68.1	67.2	74	59.5	3	ENE	0.75	6	NE	68.1	68.7	68.7
6/25/2021	9:30 AM	68.9	68.9	68.1	73	59.9	3	NE	0.75	7	NE	68.9	69.6	69.6
6/25/2021	9:45 AM	69.7	69.7	68.9	72	60.3	3	NE	0.75	5	NE	69.7	70.2	70.2
6/25/2021	10:00 AM	70.4	70.5	69.7	66	58.5	2	NE	0.5	6	ENE	70.4	70.4	70.4
6/25/2021	10:15 AM	71.2	71.2	70.5	69	60.5	2	NNE	0.5	9	ENE	71.2	71.6	71.6
6/25/2021	10:30 AM	72.3	72.4	71.3	66	60.3	2	ENE	0.5	6	ENE	72.3	72.7	72.7
6/25/2021	10:45 AM	73.3	73.3	72.4	63	59.9	1	ENE	0.25	5	ENE	73.3	73.8	73.8
6/25/2021	11:00 AM	73.7	73.9	73.3	61	59.4	1	N	0.25	4	N	73.7	74.1	74.1
6/25/2021	11:15 AM	74.4	74.4	73.7	63	61	2	NW	0.5	5	NW	74.4	75	75
6/25/2021	11:30 AM	75.3	75.4	74.3	59	60	2	NW	0.5	5	WNW	75.3	75.7	75.7
6/25/2021	11:45 AM	76.4	76.5	75.4	57	60	1	W	0.25	4	WNW	76.4	76.7	76.7
6/25/2021	12:00 PM	77	77	76.3	57	60.6	1	N	0.25	3	WSW	77	77.3	77.3
6/25/2021	12:15 PM	76.5	77	76.5	62	62.5	1	SW	0.25	8	W	76.5	77.2	77.2
6/25/2021	12:30 PM	77.3	77.8	76.5	58	61.4	1	SW	0.25	4	SW	77.3	77.7	77.7
6/25/2021	12:45 PM	77.1	77.3	76.5	64	64	1	SSW	0.25	4	SSE	77.1	78.1	78.1
6/25/2021	1:00 PM	78.1	78.2	77.1	59	62.6	1	WNW	0.25	4	NE	78.1	78.7	78.7
6/25/2021	1:15 PM	78.5	78.5	77.9	55	61	2	NW	0.5	4	NW	78.5	78.9	78.9
6/25/2021	1:30 PM	79.1	79.2	78.5	55	61.5	2	WSW	0.5	5	NNW	79.1	79.6	79.6
6/25/2021	1:45 PM	79	79.2	78.9	61	64.4	2	NNW	0.5	5	NW	79	80.1	80.1
6/25/2021	2:00 PM	80.1	80.1	79	56	63	2	NW	0.5	5	WNW	80.1	80.9	80.9

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/25/2021	4:30 AM	29.816	0	0	0.043	0	73.8	55	56.6	73.9	10.07	0.073	302	7	100	15
6/25/2021	4:45 AM	29.823	0	0	0.048	0	73.7	55	56.5	73.7	10.08	0.073	301	7	100	15
6/25/2021	5:00 AM	29.821	0	0	0.049	0	73.5	55	56.3	73.5	10.08	0.073	301	7	100	15
6/25/2021	5:15 AM	29.83	0	0	0.052	0	73.3	55	56.2	73.3	10.08	0.0731	302	7	100	15
6/25/2021	5:30 AM	29.832	0	0	0.05	0	73.1	55	56	73	10.09	0.0731	300	7	100	15
6/25/2021	5:45 AM	29.826	0	0	0.055	0	73	55	55.9	72.9	10.09	0.0731	302	7	100	15
6/25/2021	6:00 AM	29.841	0	0	0.056	0	72.8	56	56.2	72.7	10.29	0.0732	307	7	100	15
6/25/2021	6:15 AM	29.85	0	0	0.057	0	72.7	56	56.1	72.5	10.3	0.0732	302	7	100	15
6/25/2021	6:30 AM	29.85	0	0	0.059	0	72.6	56	56	72.4	10.3	0.0733	298	7	100	15
6/25/2021	6:45 AM	29.85	0	0	0.057	0	72.5	56	55.9	72.3	10.3	0.0733	301	7	100	15
6/25/2021	7:00 AM	29.848	0	0	0.056	0	72.5	56	55.9	72.3	10.3	0.0733	302	7	100	15
6/25/2021	7:15 AM	29.849	0	0	0.05	0	72.7	56	56.1	72.5	10.3	0.0732	303	7	100	15
6/25/2021	7:30 AM	29.845	0	0	0.03	0	73.1	56	56.5	73.1	10.29	0.0732	301	7	100	15
6/25/2021	7:45 AM	29.848	0	0	0.008	0	73.5	56	56.8	73.6	10.28	0.0731	302	7	100	15
6/25/2021	8:00 AM	29.842	0	0	0	0.001	73.9	57	57.7	74.1	10.39	0.073	302	7	100	15
6/25/2021	8:15 AM	29.837	0	0	0	0.006	74.3	57	58.1	74.5	10.38	0.0729	298	7	100	15
6/25/2021	8:30 AM	29.842	0	0	0	0.005	74.8	56	58.1	75	10.25	0.0728	303	7	100	15
6/25/2021	8:45 AM	29.844	0	0	0	0.016	75.4	56	58.6	75.6	10.23	0.0727	303	7	100	15
6/25/2021	9:00 AM	29.843	0	0	0	0.023	75.9	56	59.1	76.2	10.21	0.0727	302	7	100	15
6/25/2021	9:15 AM	29.846	0	0	0	0.032	76.6	56	59.7	76.9	10.19	0.0725	303	7	100	15
6/25/2021	9:30 AM	29.846	0	0	0	0.041	77.3	55	59.9	77.5	9.96	0.0724	300	7	100	15
6/25/2021	9:45 AM	29.848	0	0	0	0.049	77.9	55	60.4	78.2	9.93	0.0723	305	7	100	15
6/25/2021	10:00 AM	29.844	0	0	0	0.056	78.7	55	61.2	79.1	9.9	0.0722	305	7	100	15
6/25/2021	10:15 AM	29.84	0	0	0	0.065	79.6	54	61.5	80.1	9.76	0.072	304	7	100	15
6/25/2021	10:30 AM	29.839	0	0	0	0.076	81.2	53	62.4	82	9.63	0.0718	302	7	100	15
6/25/2021	10:45 AM	29.844	0	0	0	0.086	82.7	52	63.3	83.8	9.4	0.0716	303	7	100	15
6/25/2021	11:00 AM	29.845	0	0	0	0.091	83.9	51	63.8	85.3	9.27	0.0714	304	7	100	15
6/25/2021	11:15 AM	29.851	0	0	0	0.098	85.1	50	64.4	86.7	9.05	0.0712	306	7	100	15
6/25/2021	11:30 AM	29.853	0	0	0	0.107	86.2	49	64.8	88.1	8.85	0.071	303	7	100	15
6/25/2021	11:45 AM	29.853	0	0	0	0.119	87.3	49	65.8	89.8	8.85	0.0708	303	7	100	15
6/25/2021	12:00 PM	29.844	0	0	0	0.125	88.2	48	66	90.9	8.69	0.0707	306	7	100	15
6/25/2021	12:15 PM	29.843	0	0	0	0.12	88.4	47	65.6	90.9	8.48	0.0707	299	7	100	15
6/25/2021	12:30 PM	29.838	0	0	0	0.128	89.2	46	65.7	91.8	8.37	0.0706	302	7	100	15
6/25/2021	12:45 PM	29.831	0	0	0	0.126	89.1	46	65.6	91.6	8.37	0.0706	302	7	100	15
6/25/2021	1:00 PM	29.831	0	0	0	0.136	90.2	46	66.6	93.5	8.35	0.0704	305	7	100	15
6/25/2021	1:15 PM	29.831	0	0	0	0.141	91	45	66.7	94.4	8.15	0.0703	303	7	100	15
6/25/2021	1:30 PM	29.83	0	0	0	0.147	91.8	45	67.4	95.8	8.15	0.0701	304	7	100	15
6/25/2021	1:45 PM	29.828	0	0	0	0.146	92.6	44	67.5	96.9	8	0.07	304	7	100	15
6/25/2021	2:00 PM	29.827	0	0	0	0.157	93.3	44	68.1	98.2	7.98	0.0699	305	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/25/2021	2:15 PM	80.9	81	80.1	57	64.2	2	SW	0.5	7	WNW	80.9	82.1	82.1
6/25/2021	2:30 PM	80.2	81	80	56	63.1	2	WSW	0.5	6	SSW	80.2	81.1	81.1
6/25/2021	2:45 PM	80.4	80.9	80.2	55	62.8	1	NNE	0.25	4	NNE	80.4	81.2	81.2
6/25/2021	3:00 PM	79.7	80.4	79.7	57	63.1	1	ENE	0.25	5	NE	79.7	80.5	80.5
6/25/2021	3:15 PM	78.2	79.7	78.2	59	62.7	1	ENE	0.25	4	ENE	78.2	78.9	78.9
6/25/2021	3:30 PM	78	78.3	77.8	60	63	1	E	0.25	4	NE	78	78.7	78.7
6/25/2021	3:45 PM	78.9	79	78	61	64.3	1	NNE	0.25	3	ENE	78.9	79.9	79.9
6/25/2021	4:00 PM	79.8	79.8	78.4	55	62.2	1	W	0.25	3	W	79.8	80.5	80.5
6/25/2021	4:15 PM	81.6	81.7	79.8	52	62.3	2	NW	0.5	5	NW	81.6	82.4	82.4
6/25/2021	4:30 PM	81.8	82.1	81.5	50	61.3	3	NE	0.75	8	NNE	81.8	82.3	82.3
6/25/2021	4:45 PM	79.3	81.8	79.3	56	62.2	2	ENE	0.5	5	NE	79.3	79.9	79.9
6/25/2021	5:00 PM	78.9	79.2	78.1	60	63.8	0	ENE	0	2	ENE	78.9	79.8	79.8
6/25/2021	5:15 PM	82	82	79	49	61	1	NE	0.25	4	NE	82	82.4	82.4
6/25/2021	5:30 PM	83.4	83.5	82	49	62.2	1	SSW	0.25	4	ENE	83.4	84.2	84.2
6/25/2021	5:45 PM	82.1	83.4	82	52	62.7	2	ENE	0.5	4	NE	82.1	83	83
6/25/2021	6:00 PM	82.7	82.8	82	50	62.2	1	WNW	0.25	2	SSE	82.7	83.4	83.4
6/25/2021	6:15 PM	80	82.7	80	57	63.4	1	SSW	0.25	2	WNW	80	80.9	80.9
6/25/2021	6:30 PM	78.8	80	78.7	60	63.7	0	SSW	0	1	SSW	78.8	79.7	79.7
6/25/2021	6:45 PM	77.9	78.7	77.8	62	63.8	0	SSW	0	2	SSW	77.9	78.8	78.8
6/25/2021	7:00 PM	77.7	77.8	77.2	63	64.1	0	SSW	0	1	SSW	77.7	78.7	78.7
6/25/2021	7:15 PM	78.8	78.8	77.6	64	65.6	0	---	0	0	---	78.8	80.3	80.3
6/25/2021	7:30 PM	78.7	79	78.6	60	63.6	0	SSW	0	1	SSW	78.7	79.5	79.5
6/25/2021	7:45 PM	79.2	79.3	78.6	63	65.5	0	SSW	0	1	SSW	79.2	80.7	80.7
6/25/2021	8:00 PM	77.7	79.2	77.7	63	64.1	0	SSW	0	2	SSW	77.7	78.7	78.7
6/25/2021	8:15 PM	76.9	77.6	76.9	61	62.4	1	N	0.25	3	W	76.9	77.5	77.5
6/25/2021	8:30 PM	75.8	76.9	75.8	61	61.4	1	NNE	0.25	2	N	75.8	76.4	76.4
6/25/2021	8:45 PM	74.5	75.8	74.5	61	60.2	0	NNW	0	3	NNW	74.5	75	75
6/25/2021	9:00 PM	73.5	74.5	73.5	60	58.8	1	N	0.25	7	SW	73.5	73.8	73.8
6/25/2021	9:15 PM	72.6	73.5	72.6	62	58.8	1	NNE	0.25	4	SSE	72.6	72.8	72.8
6/25/2021	9:30 PM	71.9	72.6	71.9	63	58.6	1	NW	0.25	6	SW	71.9	72	72
6/25/2021	9:45 PM	71.2	71.9	71.2	64	58.4	0	NE	0	2	NW	71.2	71.2	71.2
6/25/2021	10:00 PM	70.6	71.2	70.6	64	57.8	1	NNW	0.25	3	WSW	70.6	70.4	70.4
6/25/2021	10:15 PM	69.6	70.6	69.6	65	57.3	0	NE	0	2	NNE	69.6	69.5	69.5
6/25/2021	10:30 PM	69.3	69.6	69.2	64	56.6	0	NNE	0	2	NW	69.3	69.2	69.2
6/25/2021	10:45 PM	68.9	69.4	68.8	64	56.2	1	NW	0.25	4	SW	68.9	68.8	68.8
6/25/2021	11:00 PM	69.2	69.3	68.8	64	56.5	1	NE	0.25	6	S	69.2	69.1	69.1
6/25/2021	11:15 PM	68.7	69.3	68.6	66	56.9	0	NNE	0	2	NE	68.7	68.8	68.8
6/25/2021	11:30 PM	68.1	68.6	68	67	56.7	0	NNW	0	3	N	68.1	68.2	68.2
6/25/2021	11:45 PM	68.3	68.4	68.1	68	57.3	1	WSW	0.25	7	E	68.3	68.5	68.5

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/25/2021	2:15 PM	29.818	0	0	0	0.166	93.8	43	67.9	98.6	7.8	0.0698	305	7	100	15
6/25/2021	2:30 PM	29.811	0	0	0	0.158	93.9	43	68	98.8	7.79	0.0698	302	7	100	15
6/25/2021	2:45 PM	29.805	0	0	0	0.16	93.8	42	67.2	98.1	7.6	0.0698	306	7	100	15
6/25/2021	3:00 PM	29.797	0	0	0	0.153	93.6	42	67.1	97.7	7.61	0.0698	305	7	100	15
6/25/2021	3:15 PM	29.793	0	0	0	0.137	93	42	66.5	96.7	7.63	0.0699	303	7	100	15
6/25/2021	3:30 PM	29.794	0	0	0	0.135	91.9	43	66.2	95.2	7.87	0.0701	304	7	100	15
6/25/2021	3:45 PM	29.786	0	0	0	0.145	91.8	43	66.1	95	7.88	0.0701	302	7	100	15
6/25/2021	4:00 PM	29.781	0	0	0	0.154	91.6	44	66.6	95.1	8.02	0.0701	304	7	100	15
6/25/2021	4:15 PM	29.774	0	0	0	0.173	92.6	43	66.8	96.4	7.85	0.0699	306	7	100	15
6/25/2021	4:30 PM	29.766	0	0	0	0.175	93.1	42	66.6	96.8	7.63	0.0698	301	7	100	15
6/25/2021	4:45 PM	29.764	0	0	0	0.149	92.6	42	66.2	96	7.65	0.0699	305	7	100	15
6/25/2021	5:00 PM	29.764	0	0	0	0.145	91.3	42	65	93.8	7.7	0.0702	302	7	100	15
6/25/2021	5:15 PM	29.763	0	0	0	0.177	90.9	42	64.6	93.1	7.71	0.0702	301	7	100	15
6/25/2021	5:30 PM	29.761	0	0	0	0.192	90.7	41	63.8	92.4	7.62	0.0703	305	7	100	15
6/25/2021	5:45 PM	29.76	0	0	0	0.178	90.6	42	64.4	92.6	7.73	0.0703	304	7	100	15
6/25/2021	6:00 PM	29.758	0	0	0	0.184	90.5	42	64.3	92.5	7.73	0.0703	304	7	100	15
6/25/2021	6:15 PM	29.755	0	0	0	0.156	90.1	43	64.6	92.2	7.95	0.0703	297	7	100	15
6/25/2021	6:30 PM	29.747	0	0	0	0.144	89.5	44	64.7	91.6	8.06	0.0704	298	7	100	15
6/25/2021	6:45 PM	29.745	0	0	0	0.134	89	44	64.3	90.8	8.07	0.0704	299	7	100	15
6/25/2021	7:00 PM	29.744	0	0	0	0.132	88.6	45	64.5	90.5	8.18	0.0705	304	7	100	15
6/25/2021	7:15 PM	29.746	0	0	0	0.144	88.5	45	64.4	90.3	8.18	0.0705	303	7	100	15
6/25/2021	7:30 PM	29.742	0	0	0	0.143	88.5	45	64.4	90.3	8.18	0.0705	305	7	100	15
6/25/2021	7:45 PM	29.744	0	0	0	0.148	88.4	46	65	90.5	8.38	0.0705	302	7	100	15
6/25/2021	8:00 PM	29.743	0	0	0	0.132	88	46	64.6	89.9	8.39	0.0705	301	7	100	15
6/25/2021	8:15 PM	29.743	0	0	0	0.124	87.7	46	64.4	89.5	8.4	0.0706	303	7	100	15
6/25/2021	8:30 PM	29.743	0	0	0	0.113	87.4	46	64.1	89	8.4	0.0707	302	7	100	15
6/25/2021	8:45 PM	29.742	0	0	0	0.099	86.8	45	62.9	87.8	8.21	0.0708	301	7	100	15
6/25/2021	9:00 PM	29.739	0	0	0	0.089	86.2	45	62.4	87	8.23	0.0709	301	7	100	15
6/25/2021	9:15 PM	29.74	0	0	0	0.079	85.5	44	61.1	85.8	8.14	0.071	304	7	100	15
6/25/2021	9:30 PM	29.743	0	0	0	0.072	84.9	44	60.6	85.1	8.15	0.0711	300	7	100	15
6/25/2021	9:45 PM	29.75	0	0	0	0.065	84.3	44	60	84.3	8.15	0.0713	300	7	100	15
6/25/2021	10:00 PM	29.748	0	0	0	0.058	83.7	44	59.5	83.5	8.15	0.0714	301	7	100	15
6/25/2021	10:15 PM	29.749	0	0	0	0.048	83.1	44	58.9	82.8	8.15	0.0715	302	7	100	15
6/25/2021	10:30 PM	29.748	0	0	0	0.045	82.5	45	59	82.3	8.3	0.0715	306	7	100	15
6/25/2021	10:45 PM	29.75	0	0	0	0.041	82	45	58.6	81.7	8.31	0.0716	301	7	100	15
6/25/2021	11:00 PM	29.76	0	0	0	0.044	81.6	45	58.2	81.2	8.32	0.0717	301	7	100	15
6/25/2021	11:15 PM	29.761	0	0	0	0.039	81.2	45	57.8	80.7	8.33	0.0718	301	7	100	15
6/25/2021	11:30 PM	29.757	0	0	0	0.032	80.6	45	57.3	80.1	8.34	0.0719	301	7	100	15
6/25/2021	11:45 PM	29.765	0	0	0	0.034	80.3	45	57	79.7	8.34	0.072	302	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/26/2021	12:00 AM	67.6	68.3	67.5	68	56.7	1	WSW	0.25	3	NNW	67.6	67.7	67.7
6/26/2021	12:15 AM	67.5	67.6	67.4	68	56.6	1	NNW	0.25	4	W	67.5	67.6	67.6
6/26/2021	12:30 AM	67.2	67.6	67.2	69	56.7	1	SW	0.25	3	N	67.2	67.3	67.3
6/26/2021	12:45 AM	67.2	67.2	67.1	70	57.1	1	NNE	0.25	4	ENE	67.2	67.3	67.3
6/26/2021	1:00 AM	67.5	67.5	67.2	70	57.4	1	ENE	0.25	4	SW	67.5	67.7	67.7
6/26/2021	1:15 AM	67.2	67.5	67.2	70	57.1	1	NW	0.25	2	NW	67.2	67.3	67.3
6/26/2021	1:30 AM	66.4	67.2	66.4	71	56.7	0	WNW	0	2	W	66.4	66.5	66.5
6/26/2021	1:45 AM	65.7	66.4	65.7	73	56.8	0	SW	0	1	SW	65.7	65.8	65.8
6/26/2021	2:00 AM	64.4	65.6	64.4	75	56.3	1	SW	0.25	2	SW	64.4	64.4	64.4
6/26/2021	2:15 AM	63.7	64.4	63.7	77	56.4	0	SW	0	1	SW	63.7	63.8	63.8
6/26/2021	2:30 AM	63.2	63.7	63.2	79	56.6	0	SW	0	1	SW	63.2	63.4	63.4
6/26/2021	2:45 AM	62.8	63.3	62.8	80	56.5	0	SW	0	2	SW	62.8	63	63
6/26/2021	3:00 AM	62.5	62.8	62.5	80	56.2	0	SW	0	2	SW	62.5	62.7	62.7
6/26/2021	3:15 AM	62	62.5	62	81	56.1	0	SW	0	2	SW	62	62.1	62.1
6/26/2021	3:30 AM	61.7	62	61.6	82	56.1	1	SE	0.25	3	E	61.7	61.8	61.8
6/26/2021	3:45 AM	60.8	61.6	60.8	83	55.6	1	E	0.25	3	E	60.8	60.8	60.8
6/26/2021	4:00 AM	59.4	60.9	59.4	86	55.2	1	E	0.25	3	E	59.4	59.4	59.4
6/26/2021	4:15 AM	59.3	59.4	59.2	87	55.4	1	E	0.25	2	E	59.3	59.3	59.3
6/26/2021	4:30 AM	59	59.3	59	88	55.4	1	E	0.25	2	E	59	59.1	59.1
6/26/2021	4:45 AM	59.3	59.3	59	88	55.7	1	ENE	0.25	4	NE	59.3	59.4	59.4
6/26/2021	5:00 AM	59.2	59.3	59.1	88	55.6	1	NE	0.25	3	ENE	59.2	59.3	59.3
6/26/2021	5:15 AM	59.2	59.3	59.1	88	55.6	2	ENE	0.5	4	ENE	59.2	59.3	59.3
6/26/2021	5:30 AM	59.2	59.3	59.1	88	55.6	2	ENE	0.5	4	ENE	59.2	59.3	59.3
6/26/2021	5:45 AM	59.4	59.5	59.2	88	55.8	3	ENE	0.75	5	NE	59.4	59.5	59.5
6/26/2021	6:00 AM	59.1	59.5	59.1	88	55.5	2	ENE	0.5	5	ENE	59.1	59.2	59.2
6/26/2021	6:15 AM	58.7	59.1	58.6	89	55.5	1	NE	0.25	3	ENE	58.7	58.8	58.8
6/26/2021	6:30 AM	59	59	58.7	89	55.8	1	E	0.25	2	ENE	59	59.1	59.1
6/26/2021	6:45 AM	59.3	59.4	59	88	55.7	2	ENE	0.5	5	ENE	59.3	59.4	59.4
6/26/2021	7:00 AM	59.5	59.5	59.3	88	55.9	1	ENE	0.25	3	ENE	59.5	59.6	59.6
6/26/2021	7:15 AM	59.7	59.8	59.4	89	56.5	1	ENE	0.25	3	NE	59.7	59.9	59.9
6/26/2021	7:30 AM	60.7	60.7	59.7	88	57.1	2	NE	0.5	3	ENE	60.7	61	61
6/26/2021	7:45 AM	62.1	62.1	60.7	86	57.9	1	NE	0.25	3	ENE	62.1	62.4	62.4
6/26/2021	8:00 AM	63.6	63.6	62.1	83	58.3	2	ENE	0.5	4	NE	63.6	64	64
6/26/2021	8:15 AM	64.5	64.5	63.6	83	59.2	2	ENE	0.5	4	ENE	64.5	65	65
6/26/2021	8:30 AM	64.5	64.5	64.4	83	59.2	2	ENE	0.5	5	ENE	64.5	65	65
6/26/2021	8:45 AM	64.9	64.9	64.5	83	59.6	2	ENE	0.5	4	NE	64.9	65.5	65.5
6/26/2021	9:00 AM	66.4	66.4	65	80	60	1	NE	0.25	4	NE	66.4	67.3	67.3
6/26/2021	9:15 AM	68.2	68.2	66.4	77	60.7	2	NE	0.5	4	ENE	68.2	69.1	69.1
6/26/2021	9:30 AM	69.5	69.5	68.2	75	61.2	1	ENE	0.25	4	ENE	69.5	70.4	70.4

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/26/2021	12:00 AM	29.756	0	0	0	0.027	79.9	46	57.3	79.5	8.45	0.072	303	7	100	15
6/26/2021	12:15 AM	29.757	0	0	0	0.026	79.6	46	57	79.1	8.46	0.072	302	7	100	15
6/26/2021	12:30 AM	29.759	0	0	0	0.023	79.3	47	57.3	79	8.66	0.0721	300	7	100	15
6/26/2021	12:45 AM	29.76	0	0	0	0.023	79	47	57	78.6	8.67	0.0721	299	7	100	15
6/26/2021	1:00 AM	29.756	0	0	0	0.026	78.8	47	56.9	78.4	8.67	0.0721	303	7	100	15
6/26/2021	1:15 AM	29.76	0	0	0	0.023	78.6	47	56.7	78.2	8.68	0.0722	301	7	100	15
6/26/2021	1:30 AM	29.769	0	0	0	0.015	78.2	48	56.9	77.9	8.89	0.0723	301	7	100	15
6/26/2021	1:45 AM	29.768	0	0	0	0.007	77.9	48	56.6	77.6	8.89	0.0723	304	7	100	15
6/26/2021	2:00 AM	29.761	0	0	0.006	0	77.3	49	56.6	77.1	9	0.0724	299	7	100	15
6/26/2021	2:15 AM	29.764	0	0	0.014	0	77	49	56.4	76.8	9.01	0.0724	301	7	100	15
6/26/2021	2:30 AM	29.771	0	0	0.019	0	76.4	50	56.4	76.3	9.22	0.0725	303	7	100	15
6/26/2021	2:45 AM	29.772	0	0	0.023	0	76	50	56	75.9	9.23	0.0726	300	7	100	15
6/26/2021	3:00 AM	29.772	0	0	0.026	0	75.7	51	56.3	75.7	9.35	0.0726	301	7	100	15
6/26/2021	3:15 AM	29.771	0	0	0.031	0	75.5	51	56.1	75.5	9.35	0.0727	299	7	100	15
6/26/2021	3:30 AM	29.774	0	0	0.034	0	75.2	51	55.8	75.2	9.35	0.0727	300	7	100	15
6/26/2021	3:45 AM	29.764	0	0	0.044	0	74.9	52	56.1	74.9	9.55	0.0727	302	7	100	15
6/26/2021	4:00 AM	29.763	0	0	0.058	0	74.5	52	55.7	74.5	9.56	0.0728	302	7	100	15
6/26/2021	4:15 AM	29.764	0	0	0.059	0	74.2	53	56	74.2	9.68	0.0728	302	7	100	15
6/26/2021	4:30 AM	29.764	0	0	0.063	0	73.9	53	55.7	73.9	9.69	0.0729	304	7	100	15
6/26/2021	4:45 AM	29.764	0	0	0.059	0	73.6	54	55.9	73.6	9.88	0.0729	298	7	100	15
6/26/2021	5:00 AM	29.766	0	0	0.06	0	73.3	54	55.6	73.2	9.88	0.073	306	7	100	15
6/26/2021	5:15 AM	29.768	0	0	0.06	0	73.1	54	55.5	72.9	9.89	0.073	294	7	99	15
6/26/2021	5:30 AM	29.772	0	0	0.06	0	72.9	55	55.8	72.8	10.09	0.073	302	7	100	15
6/26/2021	5:45 AM	29.778	0	0	0.058	0	72.8	55	55.7	72.6	10.09	0.0731	289	7	97.3	15
6/26/2021	6:00 AM	29.784	0	0	0.061	0	72.7	55	55.6	72.5	10.1	0.0731	302	7	100	15
6/26/2021	6:15 AM	29.792	0	0	0.066	0	72.5	55	55.4	72.2	10.1	0.0731	304	7	100	15
6/26/2021	6:30 AM	29.798	0	0	0.063	0	72.1	56	55.5	71.7	10.31	0.0732	303	7	100	15
6/26/2021	6:45 AM	29.801	0	0	0.059	0	72.2	56	55.6	71.9	10.31	0.0732	301	7	100	15
6/26/2021	7:00 AM	29.802	0	0	0.057	0	72.1	56	55.5	71.7	10.31	0.0732	298	7	100	15
6/26/2021	7:15 AM	29.807	0	0	0.055	0	72.4	56	55.8	72.1	10.3	0.0732	298	7	100	15
6/26/2021	7:30 AM	29.807	0	0	0.045	0	72.8	57	56.7	72.7	10.44	0.0731	303	7	100	15
6/26/2021	7:45 AM	29.808	0	0	0.03	0	73.2	57	57.1	73.3	10.42	0.073	301	7	100	15
6/26/2021	8:00 AM	29.809	0	0	0.015	0	73.6	57	57.4	73.7	10.41	0.073	301	7	100	15
6/26/2021	8:15 AM	29.808	0	0	0.005	0	74	57	57.8	74.2	10.39	0.0729	299	7	100	15
6/26/2021	8:30 AM	29.81	0	0	0.005	0	74.4	57	58.2	74.6	10.37	0.0728	300	7	100	15
6/26/2021	8:45 AM	29.816	0	0	0.001	0	74.7	57	58.5	75	10.36	0.0728	300	7	100	15
6/26/2021	9:00 AM	29.821	0	0	0	0.015	75.3	57	59	75.6	10.34	0.0727	295	7	99.3	15
6/26/2021	9:15 AM	29.82	0	0	0	0.033	76.1	57	59.8	76.4	10.31	0.0725	288	7	97	15
6/26/2021	9:30 AM	29.82	0	0	0	0.047	77.1	57	60.7	77.4	10.27	0.0724	300	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/26/2021	9:45 AM	70.9	70.9	69.5	69	60.2	1	NE	0.25	4	NE	70.9	71.2	71.2
6/26/2021	10:00 AM	72	72	71	66	60	2	NE	0.5	5	NNE	72	72.3	72.3
6/26/2021	10:15 AM	72.6	72.6	72	62	58.8	1	SSW	0.25	3	SSW	72.6	72.8	72.8
6/26/2021	10:30 AM	73.7	73.7	72.6	58	58	2	SSW	0.5	4	S	73.7	73.9	73.9
6/26/2021	10:45 AM	75.1	75.1	73.6	61	60.7	1	NNW	0.25	4	N	75.1	75.6	75.6
6/26/2021	11:00 AM	75.8	75.9	75.1	61	61.4	1	SW	0.25	3	SW	75.8	76.4	76.4
6/26/2021	11:15 AM	76.1	76.1	75.8	58	60.2	2	ENE	0.5	5	S	76.1	76.5	76.5
6/26/2021	11:30 AM	76.7	76.7	76	56	59.8	2	ENE	0.5	5	NE	76.7	77	77
6/26/2021	11:45 AM	77.8	77.8	76.7	55	60.3	2	NE	0.5	4	NE	77.8	78.1	78.1
6/26/2021	12:00 PM	78.4	78.5	77.8	58	62.4	3	ENE	0.75	9	NE	78.4	79	79
6/26/2021	12:15 PM	78.8	78.8	78.3	53	60.2	2	WSW	0.5	5	ENE	78.8	79.1	79.1
6/26/2021	12:30 PM	79.9	79.9	78.9	55	62.3	2	NE	0.5	5	S	79.9	80.6	80.6
6/26/2021	12:45 PM	80.1	80.6	80	52	60.9	2	NE	0.5	6	SSE	80.1	80.5	80.5
6/26/2021	1:00 PM	80.6	80.6	79.8	50	60.2	2	WNW	0.5	7	NW	80.6	80.9	80.9
6/26/2021	1:15 PM	80.5	80.7	80	54	62.3	2	NNW	0.5	8	NW	80.5	81.2	81.2
6/26/2021	1:30 PM	81.1	81.2	80.6	56	63.9	2	SSW	0.5	6	S	81.1	82.3	82.3
6/26/2021	1:45 PM	82.4	82.4	81.1	52	63	2	WSW	0.5	7	WNW	82.4	83.4	83.4
6/26/2021	2:00 PM	82.8	82.9	82.4	51	62.8	2	SW	0.5	5	NW	82.8	83.7	83.7
6/26/2021	2:15 PM	82.1	82.7	82.1	55	64.3	2	WNW	0.5	9	SSE	82.1	83.4	83.4
6/26/2021	2:30 PM	82.9	83	82.2	55	65.1	2	WSW	0.5	7	WNW	82.9	84.7	84.7
6/26/2021	2:45 PM	83.3	83.3	82.8	56	66	2	W	0.5	4	WSW	83.3	85.5	85.5
6/26/2021	3:00 PM	83.5	83.9	83.2	49	62.3	2	NW	0.5	6	NW	83.5	84.3	84.3
6/26/2021	3:15 PM	83.9	83.9	83.1	50	63.3	1	ENE	0.25	5	E	83.9	85.1	85.1
6/26/2021	3:30 PM	84.6	84.6	83.8	53	65.6	1	WNW	0.25	5	NW	84.6	86.8	86.8
6/26/2021	3:45 PM	84.8	84.8	84.5	48	62.9	2	WSW	0.5	6	W	84.8	85.8	85.8
6/26/2021	4:00 PM	85.3	85.3	84.7	54	66.8	2	WSW	0.5	4	NW	85.3	88.1	88.1
6/26/2021	4:15 PM	85	85.5	85	50	64.3	2	W	0.5	6	NNW	85	86.6	86.6
6/26/2021	4:30 PM	85.3	85.4	84.8	47	62.8	2	NW	0.5	6	S	85.3	86.3	86.3
6/26/2021	4:45 PM	86.1	86.1	85.3	54	67.5	1	S	0.25	5	S	86.1	89.4	89.4
6/26/2021	5:00 PM	85.6	86.2	85.3	51	65.4	1	SW	0.25	6	SSE	85.6	87.7	87.7
6/26/2021	5:15 PM	86	86.1	85.6	47	63.4	1	NE	0.25	5	WSW	86	87.2	87.2
6/26/2021	5:30 PM	86.5	86.8	86	49	65.1	1	SE	0.25	4	E	86.5	88.5	88.5
6/26/2021	5:45 PM	85.6	86.5	85.6	52	66	2	E	0.5	6	E	85.6	88	88
6/26/2021	6:00 PM	85.4	85.6	84.7	51	65.2	1	SW	0.25	4	SSE	85.4	87.4	87.4
6/26/2021	6:15 PM	85.7	86.1	85.3	49	64.3	1	S	0.25	4	NNW	85.7	87.3	87.3
6/26/2021	6:30 PM	85.8	85.8	85.5	53	66.7	1	NW	0.25	4	ESE	85.8	88.6	88.6
6/26/2021	6:45 PM	84.5	85.7	84.4	55	66.6	0	WNW	0	2	W	84.5	87.1	87.1
6/26/2021	7:00 PM	85.4	85.4	84.5	51	65.2	1	E	0.25	4	NE	85.4	87.4	87.4
6/26/2021	7:15 PM	85.3	85.9	85.3	53	66.2	1	SSW	0.25	3	S	85.3	87.8	87.8

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/26/2021	9:45 AM	29.821	0	0	0	0.061	77.9	56	60.9	78.3	10.13	0.0722	297	7	100	15
6/26/2021	10:00 AM	29.823	0	0	0	0.073	78.8	56	61.8	79.3	10.1	0.0721	301	7	100	15
6/26/2021	10:15 AM	29.821	0	0	0	0.079	80.1	55	62.5	80.8	9.85	0.0719	303	7	100	15
6/26/2021	10:30 AM	29.821	0	0	0	0.091	81.8	53	63	82.8	9.61	0.0716	302	7	100	15
6/26/2021	10:45 AM	29.819	0	0	0	0.105	83.6	51	63.6	84.9	9.28	0.0714	301	7	100	15
6/26/2021	11:00 AM	29.821	0	0	0	0.113	85.2	49	63.9	86.6	8.85	0.0711	300	7	100	15
6/26/2021	11:15 AM	29.822	0	0	0	0.116	86.5	48	64.5	88.2	8.72	0.0709	302	7	100	15
6/26/2021	11:30 AM	29.822	0	0	0	0.122	87.6	47	64.9	89.6	8.5	0.0708	305	7	100	15
6/26/2021	11:45 AM	29.817	0	0	0	0.133	88.6	46	65.2	90.9	8.38	0.0706	303	7	100	15
6/26/2021	12:00 PM	29.814	0	0	0	0.14	89.4	45	65.3	91.7	8.16	0.0705	302	7	100	15
6/26/2021	12:15 PM	29.813	0	0	0	0.144	90.3	45	66.1	93.2	8.15	0.0703	303	7	100	15
6/26/2021	12:30 PM	29.811	0	0	0	0.155	90.9	44	66	93.9	8.03	0.0703	304	7	100	15
6/26/2021	12:45 PM	29.811	0	0	0	0.157	91.6	43	65.9	94.7	7.89	0.0702	299	7	100	15
6/26/2021	1:00 PM	29.806	0	0	0	0.162	92.3	42	65.9	95.5	7.66	0.0701	304	7	100	15
6/26/2021	1:15 PM	29.802	0	0	0	0.161	92.8	42	66.3	96.3	7.64	0.07	302	7	100	15
6/26/2021	1:30 PM	29.795	0	0	0	0.168	93.2	41	66	96.5	7.52	0.0699	305	7	100	15
6/26/2021	1:45 PM	29.789	0	0	0	0.181	94	41	66.7	97.9	7.49	0.0698	306	7	100	15
6/26/2021	2:00 PM	29.783	0	0	0	0.185	94.6	40	66.5	98.5	7.27	0.0697	302	7	100	15
6/26/2021	2:15 PM	29.779	0	0	0	0.178	95	40	66.9	99.2	7.25	0.0696	301	7	100	15
6/26/2021	2:30 PM	29.777	0	0	0	0.186	95.3	41	67.9	100.3	7.45	0.0695	304	7	100	15
6/26/2021	2:45 PM	29.771	0	0	0	0.191	95.5	40	67.3	100.1	7.25	0.0695	303	7	100	15
6/26/2021	3:00 PM	29.767	0	0	0	0.193	96	40	67.8	101.1	7.25	0.0694	305	7	100	15
6/26/2021	3:15 PM	29.759	0	0	0	0.197	96.1	39	67.1	100.7	7.13	0.0694	302	7	100	15
6/26/2021	3:30 PM	29.757	0	0	0	0.204	96.5	39	67.5	101.5	7.12	0.0693	304	7	100	15
6/26/2021	3:45 PM	29.752	0	0	0	0.206	96.6	39	67.6	101.7	7.12	0.0693	305	7	100	15
6/26/2021	4:00 PM	29.749	0	0	0	0.211	96.6	39	67.6	101.7	7.12	0.0693	299	7	100	15
6/26/2021	4:15 PM	29.742	0	0	0	0.208	96.8	38	67	101.5	7.01	0.0693	305	7	100	15
6/26/2021	4:30 PM	29.741	0	0	0	0.211	96.6	38	66.8	101.1	7.02	0.0693	304	7	100	15
6/26/2021	4:45 PM	29.738	0	0	0	0.22	96.2	38	66.5	100.4	7.03	0.0694	301	7	100	15
6/26/2021	5:00 PM	29.738	0	0	0	0.215	95.7	38	66	99.5	7.04	0.0695	302	7	100	15
6/26/2021	5:15 PM	29.73	0	0	0	0.219	95.1	39	66.2	98.9	7.15	0.0695	306	7	100	15
6/26/2021	5:30 PM	29.727	0	0	0	0.224	94.7	39	65.9	98.2	7.16	0.0696	303	7	100	15
6/26/2021	5:45 PM	29.725	0	0	0	0.215	94.4	39	65.6	97.7	7.16	0.0696	302	7	100	15
6/26/2021	6:00 PM	29.723	0	0	0	0.213	94	40	66	97.4	7.29	0.0697	302	7	100	15
6/26/2021	6:15 PM	29.72	0	0	0	0.216	93.7	40	65.7	96.9	7.3	0.0697	301	7	100	15
6/26/2021	6:30 PM	29.718	0	0	0	0.217	93.5	41	66.3	97.1	7.51	0.0697	301	7	100	15
6/26/2021	6:45 PM	29.716	0	0	0	0.203	93.2	41	66	96.5	7.52	0.0697	301	7	100	15
6/26/2021	7:00 PM	29.714	0	0	0	0.213	93	42	66.5	96.7	7.63	0.0697	303	7	100	15
6/26/2021	7:15 PM	29.715	0	0	0	0.211	93.3	42	66.8	97.2	7.62	0.0697	301	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/26/2021	7:30 PM	84.7	85.3	84.6	52	65.1	1	S	0.25	3	SSE	84.7	86.7	86.7
6/26/2021	7:45 PM	83.9	84.7	83.9	54	65.5	1	S	0.25	2	S	83.9	85.9	85.9
6/26/2021	8:00 PM	82.4	83.9	82.4	57	65.6	1	SSE	0.25	4	SSE	82.4	84.3	84.3
6/26/2021	8:15 PM	81.1	82.4	81	59	65.4	1	S	0.25	3	S	81.1	82.7	82.7
6/26/2021	8:30 PM	79.5	81	79.5	62	65.3	1	W	0.25	4	S	79.5	80.9	80.9
6/26/2021	8:45 PM	78.1	79.4	78	63	64.5	0	ESE	0	2	ESE	78.1	79.2	79.2
6/26/2021	9:00 PM	76.6	78	76.6	66	64.4	0	S	0	2	S	76.6	77.7	77.7
6/26/2021	9:15 PM	75	76.6	75	68	63.7	0	SSE	0	3	SSE	75	76.1	76.1
6/26/2021	9:30 PM	74.5	75.1	74.5	69	63.7	0	SSE	0	1	SSE	74.5	75.6	75.6
6/26/2021	9:45 PM	74.3	74.6	74.3	69	63.5	0	SSE	0	2	WNW	74.3	75.4	75.4
6/26/2021	10:00 PM	73.7	74.4	73.7	70	63.3	0	SSE	0	2	SSE	73.7	74.7	74.7
6/26/2021	10:15 PM	73.7	73.7	73.5	68	62.5	0	SW	0	2	SSW	73.7	74.6	74.6
6/26/2021	10:30 PM	73.6	73.8	73.6	69	62.8	0	W	0	2	W	73.6	74.6	74.6
6/26/2021	10:45 PM	73.3	73.6	73.3	68	62.1	0	NNE	0	2	WNW	73.3	74.1	74.1
6/26/2021	11:00 PM	73	73.4	73	70	62.6	0	S	0	2	W	73	73.9	73.9
6/26/2021	11:15 PM	72	73	72	70	61.7	0	S	0	2	S	72	72.6	72.6
6/26/2021	11:30 PM	71.4	72	71.4	72	61.9	0	S	0	1	S	71.4	72.1	72.1
6/26/2021	11:45 PM	70.8	71.4	70.8	75	62.5	0	S	0	1	S	70.8	71.7	71.7
6/27/2021	12:00 AM	70.1	70.8	70.1	75	61.8	0	S	0	1	S	70.1	70.9	70.9
6/27/2021	12:15 AM	69.7	70.1	69.7	76	61.8	0	S	0	1	S	69.7	70.6	70.6
6/27/2021	12:30 AM	69.3	69.8	69.2	77	61.8	0	S	0	2	S	69.3	70.4	70.4
6/27/2021	12:45 AM	69	69.4	69	77	61.5	0	S	0	1	S	69	70.1	70.1
6/27/2021	1:00 AM	68.6	69	68.6	78	61.5	1	SE	0.25	2	SSE	68.6	69.7	69.7
6/27/2021	1:15 AM	68.4	68.7	68.3	78	61.3	1	E	0.25	2	E	68.4	69.4	69.4
6/27/2021	1:30 AM	69	69	68.4	78	61.9	0	E	0	2	E	69	70.2	70.2
6/27/2021	1:45 AM	68.7	69.1	68.7	80	62.3	1	E	0.25	3	E	68.7	70	70
6/27/2021	2:00 AM	67.9	68.6	67.9	81	61.9	1	E	0.25	3	E	67.9	69	69
6/27/2021	2:15 AM	67	68	67	82	61.3	1	ENE	0.25	3	ENE	67	68.1	68.1
6/27/2021	2:30 AM	67	67	66.8	84	62	1	E	0.25	2	E	67	68.2	68.2
6/27/2021	2:45 AM	67.1	67.1	67	84	62.1	1	E	0.25	3	E	67.1	68.3	68.3
6/27/2021	3:00 AM	67.1	67.3	67.1	84	62.1	1	E	0.25	3	E	67.1	68.3	68.3
6/27/2021	3:15 AM	66.5	67.2	66.5	84	61.5	1	E	0.25	2	E	66.5	67.5	67.5
6/27/2021	3:30 AM	66.4	66.5	66.3	85	61.8	1	E	0.25	2	E	66.4	67.4	67.4
6/27/2021	3:45 AM	66.4	66.5	66.3	85	61.8	1	E	0.25	3	ESE	66.4	67.4	67.4
6/27/2021	4:00 AM	66.3	66.5	66.3	85	61.7	1	E	0.25	2	E	66.3	67.3	67.3
6/27/2021	4:15 AM	65.9	66.4	65.9	85	61.3	1	E	0.25	2	E	65.9	66.8	66.8
6/27/2021	4:30 AM	64.1	65.9	64.1	88	60.5	1	E	0.25	2	E	64.1	64.9	64.9
6/27/2021	4:45 AM	62.7	64.1	62.7	91	60	1	E	0.25	2	E	62.7	63.4	63.4
6/27/2021	5:00 AM	63.5	63.5	62.6	92	61.1	1	E	0.25	2	E	63.5	64.4	64.4

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/26/2021	7:30 PM	29.716	0	0	0	0.205	93.3	42	66.8	97.2	7.62	0.0697	300	7	100	15
6/26/2021	7:45 PM	29.714	0	0	0	0.197	92.9	42	66.4	96.5	7.63	0.0698	300	7	100	15
6/26/2021	8:00 PM	29.715	0	0	0	0.181	92.2	42	65.8	95.3	7.66	0.0699	300	7	100	15
6/26/2021	8:15 PM	29.716	0	0	0	0.168	91.6	43	65.9	94.7	7.89	0.07	301	7	100	15
6/26/2021	8:30 PM	29.719	0	0	0	0.151	90.9	44	66	93.9	8.03	0.07	299	7	100	15
6/26/2021	8:45 PM	29.723	0	0	0	0.136	90.2	44	65.3	92.7	8.05	0.0702	302	7	100	15
6/26/2021	9:00 PM	29.726	0	0	0	0.121	89.4	45	65.3	91.7	8.16	0.0703	302	7	100	15
6/26/2021	9:15 PM	29.732	0	0	0	0.104	88.6	45	64.5	90.5	8.18	0.0704	304	7	100	15
6/26/2021	9:30 PM	29.734	0	0	0	0.099	88	45	64	89.6	8.19	0.0706	299	7	100	15
6/26/2021	9:45 PM	29.733	0	0	0	0.097	87.5	46	64.2	89.2	8.4	0.0706	301	7	100	15
6/26/2021	10:00 PM	29.739	0	0	0	0.091	87	46	63.7	88.4	8.41	0.0707	302	7	100	15
6/26/2021	10:15 PM	29.746	0	0	0	0.091	86.6	46	63.4	87.8	8.42	0.0708	302	7	100	15
6/26/2021	10:30 PM	29.75	0	0	0	0.09	86.2	46	63	87.2	8.43	0.0709	292	7	98.3	15
6/26/2021	10:45 PM	29.749	0	0	0	0.086	85.9	46	62.7	86.8	8.43	0.0709	299	7	100	15
6/26/2021	11:00 PM	29.752	0	0	0	0.083	85.5	47	63	86.6	8.54	0.071	304	7	100	15
6/26/2021	11:15 PM	29.753	0	0	0	0.073	84.9	47	62.4	85.7	8.55	0.0711	301	7	100	15
6/26/2021	11:30 PM	29.759	0	0	0	0.067	84.4	47	62	85.1	8.56	0.0712	301	7	100	15
6/26/2021	11:45 PM	29.757	0	0	0	0.06	84	48	62.2	84.8	8.77	0.0712	304	7	100	15
6/27/2021	12:00 AM	29.755	0	0	0	0.053	83.7	48	61.9	84.4	8.78	0.0713	301	7	100	15
6/27/2021	12:15 AM	29.758	0	0	0	0.049	83.4	48	61.7	83.9	8.78	0.0713	297	7	100	15
6/27/2021	12:30 AM	29.759	0	0	0	0.045	83.1	48	61.4	83.5	8.79	0.0714	303	7	100	15
6/27/2021	12:45 AM	29.761	0	0	0	0.042	82.8	49	61.7	83.4	8.89	0.0714	294	7	99	15
6/27/2021	1:00 AM	29.763	0	0	0	0.037	82.6	49	61.5	83.1	8.9	0.0715	302	7	100	15
6/27/2021	1:15 AM	29.76	0	0	0	0.035	82.4	50	61.9	83.1	9.1	0.0715	304	7	100	15
6/27/2021	1:30 AM	29.757	0	0	0	0.042	82.2	50	61.7	82.8	9.11	0.0715	300	7	100	15
6/27/2021	1:45 AM	29.757	0	0	0	0.039	82	50	61.5	82.6	9.11	0.0715	301	7	100	15
6/27/2021	2:00 AM	29.753	0	0	0	0.03	81.6	51	61.7	82.2	9.32	0.0716	303	7	100	15
6/27/2021	2:15 AM	29.747	0	0	0	0.021	81.4	51	61.5	82	9.32	0.0716	301	7	100	15
6/27/2021	2:30 AM	29.749	0	0	0	0.021	81.1	52	61.8	81.7	9.43	0.0716	301	7	100	15
6/27/2021	2:45 AM	29.745	0	0	0	0.022	80.8	52	61.5	81.3	9.43	0.0716	305	7	100	15
6/27/2021	3:00 AM	29.743	0	0	0	0.022	80.7	53	62	81.4	9.64	0.0716	303	7	100	15
6/27/2021	3:15 AM	29.743	0	0	0	0.016	80.4	53	61.7	81	9.64	0.0717	301	7	100	15
6/27/2021	3:30 AM	29.746	0	0	0	0.015	80.3	53	61.6	80.9	9.64	0.0717	304	7	100	15
6/27/2021	3:45 AM	29.743	0	0	0	0.015	79.9	53	61.2	80.4	9.65	0.0718	303	7	100	15
6/27/2021	4:00 AM	29.745	0	0	0	0.014	79.7	54	61.6	80.2	9.76	0.0718	298	7	100	15
6/27/2021	4:15 AM	29.742	0	0	0	0.009	79.5	54	61.4	80	9.76	0.0718	302	7	100	15
6/27/2021	4:30 AM	29.742	0	0	0.009	0	79.3	54	61.2	79.8	9.76	0.0719	302	7	100	15
6/27/2021	4:45 AM	29.743	0	0	0.024	0	78.9	54	60.8	79.3	9.77	0.0719	302	7	100	15
6/27/2021	5:00 AM	29.748	0	0	0.016	0	78.5	55	61	78.9	9.91	0.072	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/27/2021	5:15 AM	64.3	64.3	63.5	89	61	0	E	0	2	E	64.3	65.2	65.2
6/27/2021	5:30 AM	64.2	64.3	64.1	90	61.2	0	E	0	1	E	64.2	65.1	65.1
6/27/2021	5:45 AM	64.4	64.4	64.1	89	61.1	0	E	0	1	E	64.4	65.3	65.3
6/27/2021	6:00 AM	64.1	64.5	64.1	89	60.8	1	E	0.25	2	E	64.1	64.9	64.9
6/27/2021	6:15 AM	63.2	64.1	63.2	92	60.8	1	E	0.25	3	E	63.2	64.1	64.1
6/27/2021	6:30 AM	63.8	63.8	63.2	91	61.1	1	E	0.25	2	E	63.8	64.7	64.7
6/27/2021	6:45 AM	64.3	64.3	63.8	90	61.3	1	E	0.25	3	E	64.3	65.3	65.3
6/27/2021	7:00 AM	64.7	64.7	64.2	90	61.7	1	E	0.25	2	E	64.7	65.7	65.7
6/27/2021	7:15 AM	65.4	65.4	64.7	89	62.1	1	E	0.25	3	ENE	65.4	66.5	66.5
6/27/2021	7:30 AM	67.3	67.3	65.4	87	63.3	1	ENE	0.25	3	ENE	67.3	68.7	68.7
6/27/2021	7:45 AM	69.9	69.9	67.4	83	64.5	2	NE	0.5	5	ENE	69.9	71.5	71.5
6/27/2021	8:00 AM	71.9	71.9	69.9	80	65.4	1	ENE	0.25	3	ENE	71.9	73.4	73.4
6/27/2021	8:15 AM	73	73	71.9	79	66.1	1	NE	0.25	3	NE	73	74.6	74.6
6/27/2021	8:30 AM	73	73	72.8	79	66.1	2	NE	0.5	4	NE	73	74.6	74.6
6/27/2021	8:45 AM	73.7	73.7	73	78	66.4	3	ENE	0.75	5	ENE	73.7	75.4	75.4
6/27/2021	9:00 AM	74.7	74.7	73.7	76	66.6	2	ENE	0.5	5	NNE	74.7	76.4	76.4
6/27/2021	9:15 AM	75.4	75.4	74.6	76	67.3	2	NE	0.5	5	ENE	75.4	77.3	77.3
6/27/2021	9:30 AM	76.3	76.3	75.4	74	67.4	2	NE	0.5	5	ENE	76.3	78.2	78.2
6/27/2021	9:45 AM	77	77.1	76.3	70	66.5	1	NNE	0.25	4	ENE	77	78.6	78.6
6/27/2021	10:00 AM	77.8	77.8	77.1	73	68.4	1	NE	0.25	3	S	77.8	80.1	80.1
6/27/2021	10:15 AM	78.5	78.5	77.7	70	67.9	1	NE	0.25	3	ENE	78.5	80.8	80.8
6/27/2021	10:30 AM	79.5	79.5	78.5	67	67.6	2	ENE	0.5	5	N	79.5	81.8	81.8
6/27/2021	10:45 AM	80.4	80.4	79.5	65	67.6	2	S	0.5	5	SSE	80.4	82.8	82.8
6/27/2021	11:00 AM	81.2	81.3	80.3	62	66.9	1	WNW	0.25	5	S	81.2	83.4	83.4
6/27/2021	11:15 AM	81.5	81.5	81.2	62	67.2	2	W	0.5	6	WNW	81.5	83.9	83.9
6/27/2021	11:30 AM	82.1	82.4	81.5	62	67.8	2	NW	0.5	7	W	82.1	84.8	84.8
6/27/2021	11:45 AM	82.9	82.9	81.7	64	69.5	2	NW	0.5	5	NNW	82.9	86.7	86.7
6/27/2021	12:00 PM	83.3	83.4	82.7	61	68.4	1	W	0.25	4	S	83.3	86.6	86.6
6/27/2021	12:15 PM	81.8	83.3	81.8	64	68.4	1	WSW	0.25	4	N	81.8	84.8	84.8
6/27/2021	12:30 PM	82.9	82.9	81.8	61	68.1	1	NW	0.25	3	SW	82.9	85.9	85.9
6/27/2021	12:45 PM	83.2	84	82.9	64	69.8	2	WNW	0.5	6	W	83.2	87.3	87.3
6/27/2021	1:00 PM	83.8	83.8	82.5	60	68.4	1	WNW	0.25	2	WNW	83.8	87.2	87.2
6/27/2021	1:15 PM	84.2	84.8	83.9	56	66.8	2	W	0.5	5	S	84.2	86.9	86.9
6/27/2021	1:30 PM	81.4	84.1	81.4	65	68.5	2	WSW	0.5	6	W	81.4	84.4	84.4
6/27/2021	1:45 PM	76.9	81.3	76.9	77	69.1	3	WSW	0.75	8	W	76.9	79.3	79.3
6/27/2021	2:00 PM	75.6	76.9	75.6	81	69.4	2	WSW	0.5	6	W	75.6	77.9	77.9
6/27/2021	2:15 PM	76.2	76.2	75.4	81	69.9	0	NW	0	2	SW	76.2	78.7	78.7
6/27/2021	2:30 PM	79.8	79.8	76.3	78	72.3	2	NE	0.5	7	NE	79.8	84.3	84.3
6/27/2021	2:45 PM	81.7	81.7	79.8	72	71.8	2	NE	0.5	7	ENE	81.7	86.7	86.7

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/27/2021	5:15 AM	29.749	0	0	0.007	0	78.4	55	60.9	78.8	9.91	0.072	302	7	100	15
6/27/2021	5:30 AM	29.748	0	0	0.008	0	78.4	55	60.9	78.8	9.91	0.072	302	7	100	15
6/27/2021	5:45 AM	29.752	0	0	0.006	0	78.1	56	61.1	78.5	10.13	0.072	303	7	100	15
6/27/2021	6:00 AM	29.755	0	0	0.009	0	78	56	61	78.4	10.13	0.0721	298	7	100	15
6/27/2021	6:15 AM	29.76	0	0	0.019	0	77.8	56	60.8	78.2	10.14	0.0721	303	7	100	15
6/27/2021	6:30 AM	29.763	0	0	0.013	0	77.6	56	60.7	77.9	10.15	0.0722	301	7	100	15
6/27/2021	6:45 AM	29.76	0	0	0.007	0	77.5	57	61.1	77.9	10.25	0.0721	301	7	100	15
6/27/2021	7:00 AM	29.765	0	0	0.003	0	77.7	57	61.3	78.1	10.24	0.0721	302	7	100	15
6/27/2021	7:15 AM	29.765	0	0	0	0.004	78	57	61.5	78.5	10.23	0.0721	301	7	100	15
6/27/2021	7:30 AM	29.768	0	0	0	0.024	78.5	57	62	79.1	10.21	0.072	304	7	100	15
6/27/2021	7:45 AM	29.772	0	0	0	0.051	79	57	62.5	79.7	10.19	0.0719	303	7	100	15
6/27/2021	8:00 AM	29.773	0	0	0	0.072	79.6	57	63	80.4	10.17	0.0718	302	7	100	15
6/27/2021	8:15 AM	29.778	0	0	0	0.083	80.1	57	63.5	81	10.15	0.0717	299	7	100	15
6/27/2021	8:30 AM	29.779	0	0	0	0.083	80.7	57	64.1	81.9	10.16	0.0716	299	7	100	15
6/27/2021	8:45 AM	29.786	0	0	0	0.091	81.3	58	65.1	82.8	10.35	0.0715	301	7	100	15
6/27/2021	9:00 AM	29.788	0	0	0	0.101	82	58	65.8	83.8	10.35	0.0714	301	7	100	15
6/27/2021	9:15 AM	29.789	0	0	0	0.108	82.6	57	65.8	84.6	10.2	0.0713	301	7	100	15
6/27/2021	9:30 AM	29.793	0	0	0	0.118	83.4	57	66.6	85.8	10.22	0.0712	300	7	100	15
6/27/2021	9:45 AM	29.794	0	0	0	0.125	84.1	57	67.2	86.9	10.23	0.071	300	7	100	15
6/27/2021	10:00 AM	29.794	0	0	0	0.133	85	56	67.5	88.2	10.05	0.0709	305	7	100	15
6/27/2021	10:15 AM	29.794	0	0	0	0.141	86	55	68	89.5	9.83	0.0707	302	7	100	15
6/27/2021	10:30 AM	29.796	0	0	0	0.151	87.3	55	69.2	91.9	9.8	0.0705	306	7	100	15
6/27/2021	10:45 AM	29.794	0	0	0	0.16	88.8	53	69.5	93.9	9.47	0.0703	304	7	100	15
6/27/2021	11:00 AM	29.794	0	0	0	0.169	90.2	52	70.2	96.2	9.34	0.0701	301	7	100	15
6/27/2021	11:15 AM	29.795	0	0	0	0.172	91.3	51	70.6	97.8	9.12	0.0699	305	7	100	15
6/27/2021	11:30 AM	29.798	0	0	0	0.178	92.2	50	70.9	99.1	8.96	0.0698	302	7	100	15
6/27/2021	11:45 AM	29.796	0	0	0	0.186	92.9	49	70.9	100.1	8.79	0.0697	303	7	100	15
6/27/2021	12:00 PM	29.8	0	0	0	0.191	93.5	49	71.5	101.3	8.78	0.0696	304	7	100	15
6/27/2021	12:15 PM	29.793	0	0	0	0.175	93.2	48	70.6	100.1	8.59	0.0697	305	7	100	15
6/27/2021	12:30 PM	29.792	0	0	0	0.186	93.3	48	70.7	100.3	8.58	0.0696	306	7	100	15
6/27/2021	12:45 PM	29.79	0	0	0	0.19	94.6	48	71.9	103.1	8.56	0.0694	303	7	100	15
6/27/2021	1:00 PM	29.784	0	0	0	0.196	94.4	47	71.1	102	8.45	0.0695	305	7	100	15
6/27/2021	1:15 PM	29.782	0	0	0	0.2	95.7	46	71.6	104.2	8.24	0.0693	300	7	100	15
6/27/2021	1:30 PM	29.791	0	0	0	0.171	94.9	46	70.9	102.5	8.25	0.0694	305	7	100	15
6/27/2021	1:45 PM	29.794	0	0	0	0.124	93.4	48	70.8	100.6	8.58	0.0696	301	7	100	15
6/27/2021	2:00 PM	29.787	0	0	0	0.11	92	49	70.1	98.2	8.81	0.0698	304	7	100	15
6/27/2021	2:15 PM	29.784	0	0	0	0.117	91.3	50	70.1	97.3	9	0.0699	304	7	100	15
6/27/2021	2:30 PM	29.78	0	0	0	0.154	92.1	51	71.4	99.5	9.11	0.0697	304	7	100	15
6/27/2021	2:45 PM	29.773	0	0	0	0.174	93.6	50	72.2	102.1	8.91	0.0695	300	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/27/2021	3:00 PM	82.4	82.4	81.6	67	70.3	2	NE	0.5	8	E	82.4	86.7	86.7
6/27/2021	3:15 PM	83.6	83.6	82.3	63	69.7	1	WSW	0.25	4	W	83.6	87.7	87.7
6/27/2021	3:30 PM	85.2	85.2	83.7	63	71.2	1	WSW	0.25	4	WSW	85.2	90.8	90.8
6/27/2021	3:45 PM	85.3	85.6	85.1	61	70.3	2	NE	0.5	7	S	85.3	90.2	90.2
6/27/2021	4:00 PM	84.2	85.4	84.2	60	68.8	1	ENE	0.25	5	S	84.2	87.9	87.9
6/27/2021	4:15 PM	83.2	84.1	83.1	65	70.2	2	ENE	0.5	4	NE	83.2	87.6	87.6
6/27/2021	4:30 PM	83	83.1	82.9	63	69.1	0	ENE	0	2	W	83	86.6	86.6
6/27/2021	4:45 PM	82.4	83	82.4	67	70.3	0	S	0	2	WNW	82.4	86.7	86.7
6/27/2021	5:00 PM	81.6	82.4	81.6	70	70.9	0	W	0	2	S	81.6	86	86
6/27/2021	5:15 PM	81.1	81.6	81.1	72	71.2	1	SW	0.25	8	NW	81.1	85.5	85.5
6/27/2021	5:30 PM	79.9	81	79.9	73	70.5	1	W	0.25	7	NW	79.9	83.5	83.5
6/27/2021	5:45 PM	81	81.2	79.8	71	70.7	2	SE	0.5	6	W	81	85.1	85.1
6/27/2021	6:00 PM	83	83	80.9	69	71.8	2	ENE	0.5	6	E	83	88.4	88.4
6/27/2021	6:15 PM	80.5	83	80.5	70	69.8	3	NE	0.75	10	NE	80.5	84	84
6/27/2021	6:30 PM	77.8	80.4	77.8	76	69.6	3	ENE	0.75	7	NNE	77.8	80.5	80.5
6/27/2021	6:45 PM	77.9	78.5	77.8	75	69.3	2	ENE	0.5	5	ENE	77.9	80.6	80.6
6/27/2021	7:00 PM	77.9	77.9	77.2	76	69.7	1	ENE	0.25	3	NE	77.9	80.7	80.7
6/27/2021	7:15 PM	80.2	80.2	77.9	74	71.2	2	NE	0.5	3	NE	80.2	84.3	84.3
6/27/2021	7:30 PM	80.8	80.9	80.2	73	71.3	2	NE	0.5	4	NE	80.8	85.2	85.2
6/27/2021	7:45 PM	80.7	80.8	80.6	73	71.2	1	NE	0.25	4	NE	80.7	85	85
6/27/2021	8:00 PM	81.1	81.2	80.7	73	71.6	0	NE	0	2	NE	81.1	85.8	85.8
6/27/2021	8:15 PM	80.1	81.1	80.1	73	70.7	0	NE	0	2	NE	80.1	83.9	83.9
6/27/2021	8:30 PM	78.4	80.2	78.4	75	69.8	0	ESE	0	2	ESE	78.4	81.3	81.3
6/27/2021	8:45 PM	76.7	78.3	76.7	78	69.3	0	---	0	0	---	76.7	79.1	79.1
6/27/2021	9:00 PM	75.6	76.7	75.6	81	69.4	0	ESE	0	1	ESE	75.6	77.9	77.9
6/27/2021	9:15 PM	74.8	75.6	74.8	83	69.3	0	ESE	0	1	ESE	74.8	77.1	77.1
6/27/2021	9:30 PM	73.9	74.7	73.9	85	69.1	0	---	0	0	---	73.9	76	76
6/27/2021	9:45 PM	73.5	73.9	73.5	86	69.1	0	ESE	0	2	ESE	73.5	75.5	75.5
6/27/2021	10:00 PM	72.8	73.5	72.8	86	68.4	0	ESE	0	2	ESE	72.8	74.7	74.7
6/27/2021	10:15 PM	72.2	72.7	72.2	89	68.8	0	E	0	1	E	72.2	74.2	74.2
6/27/2021	10:30 PM	72.4	72.4	72.2	89	69	1	E	0.25	3	ENE	72.4	74.4	74.4
6/27/2021	10:45 PM	72.3	72.5	72.3	89	68.9	1	E	0.25	3	ENE	72.3	74.3	74.3
6/27/2021	11:00 PM	72	72.3	72	89	68.6	0	E	0	2	E	72	74	74
6/27/2021	11:15 PM	71.2	72.1	71.2	90	68.1	0	E	0	2	E	71.2	73.3	73.3
6/27/2021	11:30 PM	71.2	71.3	71.2	91	68.4	0	E	0	2	E	71.2	73.4	73.4
6/27/2021	11:45 PM	71.3	71.3	71.2	91	68.5	1	ENE	0.25	3	E	71.3	73.5	73.5
6/28/2021	12:00 AM	71	71.3	71	91	68.2	1	ENE	0.25	3	E	71	73.2	73.2
6/28/2021	12:15 AM	70.7	71	70.7	92	68.3	0	ENE	0	2	E	70.7	73	73
6/28/2021	12:30 AM	70	70.7	70	92	67.6	0	E	0	2	E	70	72.3	72.3

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/27/2021	3:00 PM	29.762	0	0	0	0.181	94.5	49	72.4	103.5	8.76	0.0693	305	7	100	15
6/27/2021	3:15 PM	29.759	0	0	0	0.194	95.3	48	72.5	104.7	8.54	0.0692	304	7	100	15
6/27/2021	3:30 PM	29.753	0	0	0	0.21	96	48	73.1	106.3	8.53	0.0691	301	7	100	15
6/27/2021	3:45 PM	29.754	0	0	0	0.211	96.8	46	72.6	106.7	8.21	0.069	305	7	100	15
6/27/2021	4:00 PM	29.751	0	0	0	0.2	96.6	46	72.4	106.2	8.22	0.069	305	7	100	15
6/27/2021	4:15 PM	29.753	0	0	0	0.19	96	46	71.9	104.9	8.23	0.0691	303	7	100	15
6/27/2021	4:30 PM	29.751	0	0	0	0.188	95.5	47	72.1	104.5	8.43	0.0692	303	7	100	15
6/27/2021	4:45 PM	29.752	0	0	0	0.181	95.1	47	71.7	103.5	8.45	0.0693	300	7	100	15
6/27/2021	5:00 PM	29.752	0	0	0	0.173	94.5	48	71.8	102.9	8.56	0.0693	298	7	100	15
6/27/2021	5:15 PM	29.757	0	0	0	0.168	94.3	49	72.2	103.1	8.76	0.0693	305	7	100	15
6/27/2021	5:30 PM	29.762	0	0	0	0.155	93.8	49	71.7	102	8.77	0.0694	295	7	99.3	15
6/27/2021	5:45 PM	29.762	0	0	0	0.167	93.8	49	71.7	102	8.77	0.0694	302	7	100	15
6/27/2021	6:00 PM	29.759	0	0	0	0.188	94.1	49	72	102.6	8.77	0.0694	298	7	100	15
6/27/2021	6:15 PM	29.757	0	0	0	0.161	93.8	49	71.7	102	8.77	0.0694	300	7	100	15
6/27/2021	6:30 PM	29.754	0	0	0	0.133	93.1	49	71.1	100.5	8.79	0.0696	302	7	100	15
6/27/2021	6:45 PM	29.75	0	0	0	0.134	92.4	49	70.5	99	8.8	0.0697	305	7	100	15
6/27/2021	7:00 PM	29.75	0	0	0	0.134	91.6	50	70.3	97.9	8.99	0.0698	301	7	100	15
6/27/2021	7:15 PM	29.751	0	0	0	0.158	91.6	50	70.3	97.9	8.99	0.0698	302	7	100	15
6/27/2021	7:30 PM	29.754	0	0	0	0.165	91.7	50	70.4	98.1	8.98	0.0698	304	7	100	15
6/27/2021	7:45 PM	29.753	0	0	0	0.164	91.4	51	70.7	98	9.12	0.0698	300	7	100	15
6/27/2021	8:00 PM	29.754	0	0	0	0.168	91	51	70.4	97.2	9.13	0.0699	304	7	100	15
6/27/2021	8:15 PM	29.752	0	0	0	0.157	90.6	52	70.6	96.9	9.33	0.0699	300	7	100	15
6/27/2021	8:30 PM	29.752	0	0	0	0.14	90.1	52	70.1	96	9.35	0.07	304	7	100	15
6/27/2021	8:45 PM	29.749	0	0	0	0.122	89.5	52	69.5	94.8	9.35	0.0701	303	7	100	15
6/27/2021	9:00 PM	29.751	0	0	0	0.11	88.9	53	69.6	94.1	9.47	0.0702	301	7	100	15
6/27/2021	9:15 PM	29.755	0	0	0	0.102	88.4	53	69.1	93.1	9.48	0.0703	301	7	100	15
6/27/2021	9:30 PM	29.757	0	0	0	0.093	87.9	54	69.2	92.6	9.69	0.0703	298	7	100	15
6/27/2021	9:45 PM	29.762	0	0	0	0.089	87.5	54	68.8	91.9	9.7	0.0704	301	7	100	15
6/27/2021	10:00 PM	29.768	0	0	0	0.081	87.2	54	68.5	91.3	9.71	0.0705	303	7	100	15
6/27/2021	10:15 PM	29.776	0	0	0	0.075	86.8	55	68.7	90.9	9.81	0.0706	302	7	100	15
6/27/2021	10:30 PM	29.782	0	0	0	0.077	86.5	55	68.4	90.4	9.82	0.0706	300	7	100	15
6/27/2021	10:45 PM	29.784	0	0	0	0.076	86.2	56	68.7	90.2	10.03	0.0707	300	7	100	15
6/27/2021	11:00 PM	29.785	0	0	0	0.073	85.9	56	68.4	89.7	10.03	0.0707	297	7	100	15
6/27/2021	11:15 PM	29.791	0	0	0	0.065	85.5	56	68	89	10.04	0.0708	300	7	100	15
6/27/2021	11:30 PM	29.794	0	0	0	0.065	85.2	57	68.2	88.8	10.24	0.0708	301	7	100	15
6/27/2021	11:45 PM	29.798	0	0	0	0.066	85	57	68.1	88.5	10.25	0.0709	305	7	100	15
6/28/2021	12:00 AM	29.796	0	0	0	0.063	84.8	58	68.4	88.4	10.35	0.0709	301	7	100	15
6/28/2021	12:15 AM	29.797	0	0	0	0.059	84.6	58	68.2	88.1	10.35	0.0709	295	7	99.3	15
6/28/2021	12:30 AM	29.797	0	0	0	0.052	84.3	58	67.9	87.5	10.35	0.071	300	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/28/2021	12:45 AM	69.9	70	69.8	93	67.8	0	E	0	2	E	69.9	72.3	72.3
6/28/2021	1:00 AM	69.8	70	69.7	93	67.7	1	ENE	0.25	3	NE	69.8	72.2	72.2
6/28/2021	1:15 AM	69.6	69.8	69.6	92	67.2	1	E	0.25	3	ENE	69.6	71.9	71.9
6/28/2021	1:30 AM	69.2	69.6	69.2	93	67.1	1	E	0.25	3	E	69.2	71.6	71.6
6/28/2021	1:45 AM	68.9	69.2	68.9	93	66.8	1	E	0.25	3	E	68.9	71.2	71.2
6/28/2021	2:00 AM	68.9	69.1	68.9	93	66.8	1	E	0.25	2	E	68.9	71.2	71.2
6/28/2021	2:15 AM	68.7	69	68.7	93	66.6	1	E	0.25	3	ESE	68.7	70.9	70.9
6/28/2021	2:30 AM	68.6	68.7	68.6	93	66.5	1	ENE	0.25	2	E	68.6	70.8	70.8
6/28/2021	2:45 AM	68.6	68.7	68.6	93	66.5	1	ENE	0.25	3	E	68.6	70.8	70.8
6/28/2021	3:00 AM	68.3	68.6	68.3	92	65.9	1	E	0.25	2	E	68.3	70.3	70.3
6/28/2021	3:15 AM	68.2	68.4	68.1	92	65.8	1	E	0.25	2	E	68.2	70.2	70.2
6/28/2021	3:30 AM	68	68.2	68	93	65.9	1	E	0.25	2	E	68	70	70
6/28/2021	3:45 AM	67.8	68.1	67.8	92	65.4	1	E	0.25	2	E	67.8	69.7	69.7
6/28/2021	4:00 AM	66.8	67.8	66.7	95	65.3	1	ENE	0.25	3	ENE	66.8	68.6	68.6
6/28/2021	4:15 AM	67.2	67.2	66.8	93	65.1	1	E	0.25	2	ENE	67.2	69	69
6/28/2021	4:30 AM	67.2	67.2	67.1	94	65.4	0	E	0	2	E	67.2	69	69
6/28/2021	4:45 AM	67.3	67.3	67.2	93	65.2	1	E	0.25	4	E	67.3	69.1	69.1
6/28/2021	5:00 AM	67.2	67.3	67.1	93	65.1	1	ENE	0.25	4	NE	67.2	69	69
6/28/2021	5:15 AM	66.7	67.1	66.7	94	64.9	1	ENE	0.25	2	ENE	66.7	68.4	68.4
6/28/2021	5:30 AM	66.6	66.7	66.5	94	64.8	1	E	0.25	2	E	66.6	68.3	68.3
6/28/2021	5:45 AM	66.9	66.9	66.6	94	65.1	1	ENE	0.25	3	ENE	66.9	68.6	68.6
6/28/2021	6:00 AM	66.8	66.9	66.8	94	65	1	E	0.25	2	E	66.8	68.5	68.5
6/28/2021	6:15 AM	66.8	66.8	66.7	94	65	1	E	0.25	3	E	66.8	68.5	68.5
6/28/2021	6:30 AM	66.8	66.9	66.8	94	65	2	ENE	0.5	3	ENE	66.8	68.5	68.5
6/28/2021	6:45 AM	67.1	67.1	66.8	94	65.3	2	ENE	0.5	5	ENE	67.1	68.9	68.9
6/28/2021	7:00 AM	67.8	67.8	67.1	93	65.7	2	ENE	0.5	6	E	67.8	69.7	69.7
6/28/2021	7:15 AM	68.6	68.6	67.8	92	66.2	2	ENE	0.5	4	E	68.6	70.7	70.7
6/28/2021	7:30 AM	69.9	69.9	68.6	90	66.8	3	ENE	0.75	5	NE	69.9	72	72
6/28/2021	7:45 AM	71.6	71.6	69.9	87	67.5	3	NE	0.75	5	ENE	71.6	73.5	73.5
6/28/2021	8:00 AM	73	73	71.6	86	68.6	2	ENE	0.5	4	ENE	73	74.9	74.9
6/28/2021	8:15 AM	73.4	73.8	73	84	68.3	2	ENE	0.5	4	ENE	73.4	75.3	75.3
6/28/2021	8:30 AM	73.5	73.5	73.4	86	69.1	2	NE	0.5	4	NNE	73.5	75.5	75.5
6/28/2021	8:45 AM	73.9	73.9	73.5	84	68.8	2	NE	0.5	4	NE	73.9	75.9	75.9
6/28/2021	9:00 AM	74.5	74.6	73.8	83	69	2	ENE	0.5	4	ENE	74.5	76.7	76.7
6/28/2021	9:15 AM	75.3	75.3	74.6	81	69.1	2	ENE	0.5	6	ENE	75.3	77.5	77.5
6/28/2021	9:30 AM	75.9	75.9	75.2	81	69.6	2	ENE	0.5	5	ENE	75.9	78.3	78.3
6/28/2021	9:45 AM	77.2	77.2	75.9	78	69.8	2	NNE	0.5	6	NE	77.2	79.8	79.8
6/28/2021	10:00 AM	78	78	77.2	75	69.4	3	NE	0.75	7	ENE	78	80.7	80.7
6/28/2021	10:15 AM	79	79	78	75	70.4	2	ENE	0.5	6	N	79	82.3	82.3

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/28/2021	12:45 AM	29.797	0	0	0	0.051	84	58	67.6	87	10.35	0.071	299	7	100	15
6/28/2021	1:00 AM	29.798	0	0	0	0.05	83.8	58	67.4	86.7	10.35	0.0711	301	7	100	15
6/28/2021	1:15 AM	29.795	0	0	0	0.048	83.6	59	67.8	86.6	10.55	0.0711	302	7	100	15
6/28/2021	1:30 AM	29.798	0	0	0	0.044	83.3	59	67.5	86.1	10.55	0.0711	297	7	100	15
6/28/2021	1:45 AM	29.794	0	0	0	0.041	83.1	59	67.3	85.8	10.55	0.0712	299	7	100	15
6/28/2021	2:00 AM	29.798	0	0	0	0.041	83	59	67.2	85.6	10.55	0.0712	299	7	100	15
6/28/2021	2:15 AM	29.799	0	0	0	0.039	82.7	59	66.9	85.1	10.55	0.0712	302	7	100	15
6/28/2021	2:30 AM	29.802	0	0	0	0.037	82.6	59	66.8	85	10.55	0.0713	297	7	100	15
6/28/2021	2:45 AM	29.801	0	0	0	0.037	82.4	59	66.6	84.7	10.55	0.0713	300	7	100	15
6/28/2021	3:00 AM	29.804	0	0	0	0.034	82.2	59	66.4	84.3	10.55	0.0714	300	7	100	15
6/28/2021	3:15 AM	29.804	0	0	0	0.033	82	59	66.3	84	10.55	0.0714	294	7	99	15
6/28/2021	3:30 AM	29.806	0	0	0	0.031	81.8	59	66.1	83.7	10.55	0.0714	304	7	100	15
6/28/2021	3:45 AM	29.806	0	0	0	0.029	81.6	60	66.4	83.6	10.75	0.0714	300	7	100	15
6/28/2021	4:00 AM	29.808	0	0	0	0.019	81.4	60	66.2	83.3	10.75	0.0715	296	7	99.7	15
6/28/2021	4:15 AM	29.805	0	0	0	0.023	81.1	60	65.9	82.8	10.75	0.0715	299	7	100	15
6/28/2021	4:30 AM	29.809	0	0	0	0.023	81	60	65.8	82.7	10.75	0.0716	300	7	100	15
6/28/2021	4:45 AM	29.813	0	0	0	0.024	80.9	60	65.7	82.6	10.75	0.0716	297	7	100	15
6/28/2021	5:00 AM	29.815	0	0	0	0.023	80.7	60	65.5	82.2	10.75	0.0716	299	7	100	15
6/28/2021	5:15 AM	29.821	0	0	0	0.018	80.6	60	65.4	82.1	10.75	0.0717	300	7	100	15
6/28/2021	5:30 AM	29.822	0	0	0	0.017	80.4	60	65.2	81.8	10.75	0.0717	300	7	100	15
6/28/2021	5:45 AM	29.827	0	0	0	0.02	80.3	60	65.1	81.7	10.75	0.0717	300	7	100	15
6/28/2021	6:00 AM	29.83	0	0	0	0.019	80.3	60	65.1	81.7	10.75	0.0717	303	7	100	15
6/28/2021	6:15 AM	29.835	0	0	0	0.019	80.1	60	65	81.3	10.75	0.0718	299	7	100	15
6/28/2021	6:30 AM	29.836	0	0	0	0.019	80	61	65.3	81.4	10.95	0.0718	297	7	100	15
6/28/2021	6:45 AM	29.836	0	0	0	0.022	80.1	61	65.4	81.5	10.95	0.0718	301	7	100	15
6/28/2021	7:00 AM	29.833	0	0	0	0.029	80.2	61	65.5	81.7	10.95	0.0717	304	7	100	15
6/28/2021	7:15 AM	29.84	0	0	0	0.037	80.4	61	65.7	82	10.95	0.0717	301	7	100	15
6/28/2021	7:30 AM	29.838	0	0	0	0.051	80.9	61	66.2	82.8	10.95	0.0716	300	7	100	15
6/28/2021	7:45 AM	29.842	0	0	0	0.069	81.2	61	66.5	83.2	10.95	0.0716	301	7	100	15
6/28/2021	8:00 AM	29.846	0	0	0	0.083	81.5	62	67.2	83.9	11.12	0.0715	302	7	100	15
6/28/2021	8:15 AM	29.848	0	0	0	0.088	81.9	62	67.6	84.5	11.11	0.0714	302	7	100	15
6/28/2021	8:30 AM	29.854	0	0	0	0.089	82.3	62	68	85.2	11.1	0.0714	298	7	100	15
6/28/2021	8:45 AM	29.854	0	0	0	0.093	82.7	62	68.4	85.9	11.1	0.0713	299	7	100	15
6/28/2021	9:00 AM	29.858	0	0	0	0.099	83.2	62	68.8	86.7	11.09	0.0712	305	7	100	15
6/28/2021	9:15 AM	29.86	0	0	0	0.107	83.7	61	68.8	87.3	10.95	0.0712	301	7	100	15
6/28/2021	9:30 AM	29.858	0	0	0	0.114	84.2	61	69.3	88.2	10.95	0.0711	299	7	100	15
6/28/2021	9:45 AM	29.856	0	0	0	0.127	84.8	61	69.9	89.3	10.95	0.0709	303	7	100	15
6/28/2021	10:00 AM	29.853	0	0	0	0.135	85.4	60	69.9	90.1	10.73	0.0709	303	7	100	15
6/28/2021	10:15 AM	29.85	0	0	0	0.146	86.4	59	70.4	91.6	10.52	0.0707	301	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/28/2021	10:30 AM	80.1	80.1	79	71	69.8	2	ENE	0.5	6	ENE	80.1	83.5	83.5
6/28/2021	10:45 AM	81.1	81.1	80.1	68	69.5	2	ENE	0.5	8	ENE	81.1	84.6	84.6
6/28/2021	11:00 AM	81.9	81.9	81.1	64	68.5	2	ENE	0.5	6	ENE	81.9	85	85
6/28/2021	11:15 AM	82.6	82.6	81.9	64	69.2	3	NNE	0.75	9	ENE	82.6	86.2	86.2
6/28/2021	11:30 AM	83.5	83.6	82.5	62	69.1	2	E	0.5	10	E	83.5	87.3	87.3
6/28/2021	11:45 AM	84.4	84.4	83	67	72.2	3	ENE	0.75	7	NE	84.4	90.6	90.6
6/28/2021	12:00 PM	85.3	85.3	84.3	63	71.3	2	NE	0.5	8	NNE	85.3	91	91
6/28/2021	12:15 PM	84.2	85.4	84.2	61	69.3	3	NE	0.75	8	E	84.2	88.2	88.2
6/28/2021	12:30 PM	83.4	84.2	83.4	62	69	4	NE	1	9	ENE	83.4	87.1	87.1
6/28/2021	12:45 PM	84.5	84.5	83.4	61	69.6	3	NE	0.75	11	ENE	84.5	88.7	88.7
6/28/2021	1:00 PM	85.3	85.3	84.5	59	69.3	3	ENE	0.75	11	NNE	85.3	89.6	89.6
6/28/2021	1:15 PM	86.6	86.7	85.3	57	69.6	3	NE	0.75	11	NE	86.6	91.3	91.3
6/28/2021	1:30 PM	87	87.1	86.6	58	70.4	3	ENE	0.75	10	NE	87	92.4	92.4
6/28/2021	1:45 PM	85.7	87.2	85.6	58	69.2	3	ENE	0.75	7	ENE	85.7	90	90
6/28/2021	2:00 PM	86.7	86.7	85.4	58	70.2	1	NE	0.25	5	ENE	86.7	91.9	91.9
6/28/2021	2:15 PM	86.1	86.8	86.1	59	70.1	2	ENE	0.5	9	ENE	86.1	91.1	91.1
6/28/2021	2:30 PM	86.5	86.5	85.2	60	71	2	E	0.5	4	ENE	86.5	92.2	92.2
6/28/2021	2:45 PM	88	88	86.6	60	72.4	3	NE	0.75	11	NE	88	95.3	95.3
6/28/2021	3:00 PM	88.4	88.5	88	54	69.6	4	NE	1	11	NE	88.4	93.6	93.6
6/28/2021	3:15 PM	88.8	89	88.4	51	68.3	4	ENE	1	10	ENE	88.8	93.1	93.1
6/28/2021	3:30 PM	89.8	89.9	88.8	54	70.9	2	ENE	0.5	11	NE	89.8	96.3	96.3
6/28/2021	3:45 PM	84.9	89.8	84.9	58	68.5	2	SW	0.5	7	WSW	84.9	88.6	88.6
6/28/2021	4:00 PM	78	84.9	78	72	68.2	3	WSW	0.75	9	NNW	78	80.3	80.3
6/28/2021	4:15 PM	75.6	77.9	75	86	71.1	1	SW	0.25	3	SW	75.6	78.3	78.3
6/28/2021	4:30 PM	80.1	80.1	75.6	85	75.2	0	SSW	0	2	SSW	80.1	86.3	86.3
6/28/2021	4:45 PM	82.3	82.3	80.1	78	74.7	1	S	0.25	5	WSW	82.3	89.5	89.5
6/28/2021	5:00 PM	83.3	83.3	81.9	77	75.3	1	W	0.25	3	NW	83.3	91.6	91.6
6/28/2021	5:15 PM	85.2	85.2	83.4	73	75.6	1	WNW	0.25	4	WNW	85.2	94.6	94.6
6/28/2021	5:30 PM	86.1	86.1	85.1	68	74.3	1	NW	0.25	3	NW	86.1	94.7	94.7
6/28/2021	5:45 PM	87	87	86.1	62	72.4	1	NW	0.25	3	NW	87	94.1	94.1
6/28/2021	6:00 PM	87.9	87.9	87.1	61	72.8	1	NW	0.25	3	NNW	87.9	95.6	95.6
6/28/2021	6:15 PM	87.3	88.3	87.3	61	72.2	1	SE	0.25	2	NNW	87.3	94.3	94.3
6/28/2021	6:30 PM	84.9	87.4	84.9	70	74	1	S	0.25	2	NE	84.9	92.8	92.8
6/28/2021	6:45 PM	86.1	86.1	84.8	68	74.3	1	S	0.25	4	NW	86.1	94.7	94.7
6/28/2021	7:00 PM	86.4	86.5	86.1	61	71.4	1	SSW	0.25	3	SSE	86.4	92.4	92.4
6/28/2021	7:15 PM	87.6	87.6	86.4	58	71	1	NE	0.25	4	NNE	87.6	93.7	93.7
6/28/2021	7:30 PM	87	87.7	87	55	68.9	0	SSW	0	2	W	87	91.3	91.3
6/28/2021	7:45 PM	84.7	87	84.7	60	69.3	1	S	0.25	2	SSW	84.7	88.8	88.8
6/28/2021	8:00 PM	81.9	84.7	81.9	64	68.5	1	S	0.25	3	S	81.9	85	85

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/28/2021	10:30 AM	29.848	0	0	0	0.157	87.9	58	71.3	94.3	10.29	0.0704	302	7	100	15
6/28/2021	10:45 AM	29.844	0	0	0	0.168	89.4	57	72.2	96.9	10.07	0.0702	301	7	100	15
6/28/2021	11:00 AM	29.841	0	0	0	0.176	90.8	55	72.4	98.9	9.72	0.07	301	7	100	15
6/28/2021	11:15 AM	29.841	0	0	0	0.183	91.9	54	72.9	100.8	9.57	0.0698	301	7	100	15
6/28/2021	11:30 AM	29.839	0	0	0	0.193	93	52	72.8	102	9.23	0.0697	306	7	100	15
6/28/2021	11:45 AM	29.835	0	0	0	0.202	94	52	73.7	104.4	9.19	0.0695	303	7	100	15
6/28/2021	12:00 PM	29.832	0	0	0	0.211	95.1	51	74.1	106.3	9.05	0.0693	302	7	100	15
6/28/2021	12:15 PM	29.832	0	0	0	0.2	96	50	74.4	107.7	8.83	0.0692	301	7	100	15
6/28/2021	12:30 PM	29.833	0	0	0	0.192	95.8	49	73.6	106.5	8.72	0.0692	302	7	100	15
6/28/2021	12:45 PM	29.824	0	0	0	0.203	96.3	49	74	107.7	8.7	0.0691	301	7	100	15
6/28/2021	1:00 PM	29.823	0	0	0	0.211	97.1	48	74.1	108.9	8.51	0.069	301	7	100	15
6/28/2021	1:15 PM	29.819	0	0	0	0.225	98	48	75	111.1	8.49	0.0688	303	7	100	15
6/28/2021	1:30 PM	29.816	0	0	0	0.229	98.9	47	75.2	112.5	8.29	0.0687	300	7	100	15
6/28/2021	1:45 PM	29.816	0	0	0	0.216	99	46	74.6	111.9	8.17	0.0687	301	7	100	15
6/28/2021	2:00 PM	29.811	0	0	0	0.226	98.5	46	74.1	110.6	8.18	0.0688	300	7	100	15
6/28/2021	2:15 PM	29.808	0	0	0	0.22	98.4	46	74.1	110.4	8.18	0.0688	298	7	100	15
6/28/2021	2:30 PM	29.801	0	0	0	0.224	98.3	45	73.3	109.3	8.08	0.0689	303	7	100	15
6/28/2021	2:45 PM	29.79	0	0	0	0.24	99.2	45	74.1	111.5	8.07	0.0687	302	7	100	15
6/28/2021	3:00 PM	29.788	0	0	0	0.244	99.7	44	73.9	111.9	7.86	0.0686	301	7	100	15
6/28/2021	3:15 PM	29.788	0	0	0	0.248	100.2	43	73.7	112.3	7.74	0.0686	302	7	100	15
6/28/2021	3:30 PM	29.776	0	0	0	0.258	100.7	43	74.1	113.6	7.72	0.0685	297	7	100	15
6/28/2021	3:45 PM	29.79	0	0	0	0.207	99.6	42	72.4	110.1	7.55	0.0687	301	7	100	15
6/28/2021	4:00 PM	29.787	0.04	0.8	0	0.135	97.3	43	71.1	105.7	7.75	0.0691	300	7	100	15
6/28/2021	4:15 PM	29.782	0	0.04	0	0.11	94	47	70.7	101.2	8.45	0.0695	297	7	100	15
6/28/2021	4:30 PM	29.781	0	0	0	0.157	94	50	72.5	103	8.89	0.0694	301	7	100	15
6/28/2021	4:45 PM	29.782	0	0	0	0.18	94.9	51	73.9	105.8	9.05	0.0692	303	7	100	15
6/28/2021	5:00 PM	29.772	0	0	0	0.191	94.9	51	73.9	105.8	9.05	0.0692	300	7	100	15
6/28/2021	5:15 PM	29.765	0	0	0	0.21	94.9	51	73.9	105.8	9.05	0.0692	298	7	100	15
6/28/2021	5:30 PM	29.766	0	0	0	0.22	94.8	51	73.8	105.6	9.05	0.0692	293	7	98.7	15
6/28/2021	5:45 PM	29.767	0	0	0	0.229	94.7	51	73.8	105.3	9.06	0.0692	302	7	100	15
6/28/2021	6:00 PM	29.763	0	0	0	0.239	94.7	52	74.3	106.1	9.16	0.0692	298	7	100	15
6/28/2021	6:15 PM	29.757	0	0	0	0.232	94.5	52	74.2	105.6	9.17	0.0692	303	7	100	15
6/28/2021	6:30 PM	29.756	0	0	0	0.207	94.4	52	74.1	105.3	9.17	0.0692	301	7	100	15
6/28/2021	6:45 PM	29.756	0	0	0	0.22	94.2	52	73.9	104.8	9.18	0.0692	300	7	100	15
6/28/2021	7:00 PM	29.755	0	0	0	0.223	94.4	52	74.1	105.3	9.17	0.0692	301	7	100	15
6/28/2021	7:15 PM	29.76	0	0	0	0.235	94.6	52	74.2	105.8	9.17	0.0692	300	7	100	15
6/28/2021	7:30 PM	29.768	0	0	0	0.229	94.7	51	73.8	105.3	9.06	0.0692	297	7	100	15
6/28/2021	7:45 PM	29.771	0	0	0	0.205	94.2	50	72.7	103.5	8.88	0.0694	300	7	100	15
6/28/2021	8:00 PM	29.768	0	0	0	0.176	93.6	49	71.6	101.5	8.78	0.0695	302	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/28/2021	8:15 PM	81.6	81.9	81.6	64	68.2	0	S	0	1	S	81.6	84.5	84.5
6/28/2021	8:30 PM	80.6	81.7	80.6	65	67.7	0	S	0	2	S	80.6	83.1	83.1
6/28/2021	8:45 PM	79.2	80.5	79.2	66	66.9	0	S	0	2	S	79.2	81.2	81.2
6/28/2021	9:00 PM	78.3	79.2	78.2	68	66.9	0	S	0	3	S	78.3	80.2	80.2
6/28/2021	9:15 PM	77.3	78.2	77.3	71	67.2	0	E	0	2	E	77.3	79.1	79.1
6/28/2021	9:30 PM	76.9	77.3	76.9	72	67.2	0	ENE	0	3	ENE	76.9	78.7	78.7
6/28/2021	9:45 PM	76.3	76.9	76.3	72	66.6	0	ENE	0	1	ENE	76.3	78	78
6/28/2021	10:00 PM	75.7	76.3	75.7	73	66.4	0	---	0	0	---	75.7	77.4	77.4
6/28/2021	10:15 PM	75.2	75.7	75.2	74	66.3	0	ENE	0	1	ENE	75.2	76.9	76.9
6/28/2021	10:30 PM	75	75.3	75	75	66.5	0	NNW	0	2	N	75	76.7	76.7
6/28/2021	10:45 PM	75.2	75.2	74.8	73	65.9	1	NNW	0.25	3	N	75.2	76.8	76.8
6/28/2021	11:00 PM	74.7	75.2	74.7	75	66.2	0	S	0	4	S	74.7	76.3	76.3
6/28/2021	11:15 PM	74.1	74.7	74.1	75	65.7	0	NE	0	2	S	74.1	75.6	75.6
6/28/2021	11:30 PM	73.7	74.1	73.7	75	65.3	0	ESE	0	1	ESE	73.7	75.1	75.1
6/28/2021	11:45 PM	73.6	73.8	73.5	76	65.6	1	S	0.25	2	ESE	73.6	75.1	75.1
6/29/2021	12:00 AM	73.1	73.5	73.1	75	64.7	1	NE	0.25	3	NE	73.1	74.4	74.4
6/29/2021	12:15 AM	72.9	73.1	72.8	76	64.9	0	SE	0	2	NE	72.9	74.3	74.3
6/29/2021	12:30 AM	72.2	72.9	72.1	78	65	0	SSE	0	2	SSE	72.2	73.6	73.6
6/29/2021	12:45 AM	71.8	72.2	71.8	78	64.6	0	ENE	0	2	SSE	71.8	73.1	73.1
6/29/2021	1:00 AM	71.5	71.9	71.5	78	64.3	0	E	0	2	E	71.5	72.8	72.8
6/29/2021	1:15 AM	71.3	71.6	71.3	79	64.4	0	E	0	1	E	71.3	72.7	72.7
6/29/2021	1:30 AM	71.3	71.3	71.1	80	64.8	0	E	0	2	E	71.3	72.8	72.8
6/29/2021	1:45 AM	71.2	71.3	71.2	80	64.7	0	SE	0	2	SE	71.2	72.7	72.7
6/29/2021	2:00 AM	70.4	71.2	70.3	82	64.6	1	SSE	0.25	4	ENE	70.4	71.9	71.9
6/29/2021	2:15 AM	69.7	70.5	69.7	83	64.3	1	ENE	0.25	3	ENE	69.7	71.3	71.3
6/29/2021	2:30 AM	70.3	70.3	69.7	82	64.5	1	NE	0.25	4	ENE	70.3	71.8	71.8
6/29/2021	2:45 AM	69.6	70.3	69.6	83	64.2	1	ENE	0.25	2	ENE	69.6	71.2	71.2
6/29/2021	3:00 AM	69.1	69.7	68.9	85	64.4	2	ENE	0.5	5	ENE	69.1	70.9	70.9
6/29/2021	3:15 AM	69	69.2	69	85	64.3	1	NE	0.25	5	E	69	70.8	70.8
6/29/2021	3:30 AM	69.6	69.6	69	84	64.5	2	NE	0.5	6	E	69.6	71.3	71.3
6/29/2021	3:45 AM	69	69.6	69	85	64.3	0	NE	0	2	NE	69	70.8	70.8
6/29/2021	4:00 AM	69.7	69.7	69	84	64.6	2	ENE	0.5	4	E	69.7	71.3	71.3
6/29/2021	4:15 AM	69	69.7	69	85	64.3	1	NE	0.25	3	NE	69	70.8	70.8
6/29/2021	4:30 AM	68.8	69	68.8	86	64.4	1	ENE	0.25	3	ENE	68.8	70.6	70.6
6/29/2021	4:45 AM	68.8	68.8	68.7	86	64.4	2	ENE	0.5	5	ENE	68.8	70.6	70.6
6/29/2021	5:00 AM	68.4	68.8	68.4	87	64.4	2	ENE	0.5	5	ENE	68.4	70.1	70.1
6/29/2021	5:15 AM	68.2	68.5	68.2	87	64.2	1	ENE	0.25	3	ENE	68.2	69.8	69.8
6/29/2021	5:30 AM	68.2	68.3	67.9	87	64.2	1	ENE	0.25	4	ENE	68.2	69.8	69.8
6/29/2021	5:45 AM	68.8	68.8	68.2	86	64.4	2	ENE	0.5	7	E	68.8	70.6	70.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/28/2021	8:15 PM	29.771	0	0	0	0.173	93	49	71	100.3	8.79	0.0696	300	7	100	15
6/28/2021	8:30 PM	29.779	0	0	0	0.162	92.4	49	70.5	99	8.8	0.0697	301	7	100	15
6/28/2021	8:45 PM	29.787	0	0	0	0.148	91.8	48	69.3	97.3	8.61	0.0699	297	7	100	15
6/28/2021	9:00 PM	29.793	0	0	0	0.139	91.2	48	68.8	96.2	8.63	0.07	297	7	100	15
6/28/2021	9:15 PM	29.795	0	0	0	0.128	90.7	49	68.9	95.7	8.84	0.0701	298	7	100	15
6/28/2021	9:30 PM	29.798	0	0	0	0.124	90.2	49	68.5	94.8	8.85	0.0702	299	7	100	15
6/28/2021	9:45 PM	29.804	0	0	0	0.118	89.8	49	68.1	94	8.85	0.0703	293	7	98.7	15
6/28/2021	10:00 PM	29.811	0	0	0	0.111	89.2	49	67.5	93	8.85	0.0704	300	7	100	15
6/28/2021	10:15 PM	29.817	0	0	0	0.106	88.7	50	67.7	92.5	9.05	0.0705	296	7	99.7	15
6/28/2021	10:30 PM	29.815	0	0	0	0.104	88.2	50	67.2	91.6	9.05	0.0706	299	7	100	15
6/28/2021	10:45 PM	29.818	0	0	0	0.106	88	50	67	91.2	9.05	0.0706	298	7	100	15
6/28/2021	11:00 PM	29.817	0	0	0	0.101	87.6	50	66.7	90.6	9.05	0.0707	299	7	100	15
6/28/2021	11:15 PM	29.822	0	0	0	0.095	87.1	50	66.2	89.8	9.05	0.0708	296	7	99.7	15
6/28/2021	11:30 PM	29.828	0	0	0	0.091	86.6	51	66.3	89.3	9.22	0.0708	303	7	100	15
6/28/2021	11:45 PM	29.834	0	0	0	0.09	86.3	51	66	88.8	9.22	0.0709	299	7	100	15
6/29/2021	12:00 AM	29.837	0	0	0	0.084	85.9	51	65.7	88.2	9.23	0.071	292	7	98.3	15
6/29/2021	12:15 AM	29.835	0	0	0	0.082	85.6	51	65.4	87.7	9.24	0.071	298	7	100	15
6/29/2021	12:30 AM	29.837	0	0	0	0.075	85.3	51	65.1	87.3	9.24	0.0711	303	7	100	15
6/29/2021	12:45 AM	29.84	0	0	0	0.071	85	52	65.4	87.1	9.35	0.0711	302	7	100	15
6/29/2021	1:00 AM	29.834	0	0	0	0.068	84.7	52	65.1	86.7	9.36	0.0712	296	7	99.7	15
6/29/2021	1:15 AM	29.836	0	0	0	0.066	84.5	52	64.9	86.4	9.36	0.0712	301	7	100	15
6/29/2021	1:30 AM	29.836	0	0	0	0.066	84.2	52	64.7	85.9	9.37	0.0713	300	7	100	15
6/29/2021	1:45 AM	29.839	0	0	0	0.065	84	53	65	85.9	9.57	0.0713	298	7	100	15
6/29/2021	2:00 AM	29.843	0	0	0	0.056	83.7	53	64.8	85.4	9.58	0.0713	296	7	99.7	15
6/29/2021	2:15 AM	29.846	0	0	0	0.049	83.5	53	64.6	85.1	9.58	0.0714	303	7	100	15
6/29/2021	2:30 AM	29.84	0	0	0	0.055	83.4	53	64.5	85	9.58	0.0714	299	7	100	15
6/29/2021	2:45 AM	29.839	0	0	0	0.048	83.2	54	64.8	84.9	9.75	0.0714	298	7	100	15
6/29/2021	3:00 AM	29.838	0	0	0	0.043	83	54	64.6	84.6	9.75	0.0714	302	7	100	15
6/29/2021	3:15 AM	29.836	0	0	0	0.042	82.8	54	64.5	84.3	9.75	0.0715	298	7	100	15
6/29/2021	3:30 AM	29.836	0	0	0	0.048	82.6	55	64.8	84.2	9.85	0.0715	299	7	100	15
6/29/2021	3:45 AM	29.833	0	0	0	0.042	82.4	55	64.6	83.9	9.85	0.0715	298	7	100	15
6/29/2021	4:00 AM	29.835	0	0	0	0.049	82.2	55	64.4	83.6	9.85	0.0715	299	7	100	15
6/29/2021	4:15 AM	29.834	0	0	0	0.042	82	55	64.2	83.3	9.85	0.0716	302	7	100	15
6/29/2021	4:30 AM	29.835	0	0	0	0.04	81.9	56	64.7	83.3	10.05	0.0716	297	7	100	15
6/29/2021	4:45 AM	29.837	0	0	0	0.04	81.7	56	64.5	83.1	10.05	0.0716	299	7	100	15
6/29/2021	5:00 AM	29.834	0	0	0	0.035	81.6	56	64.4	82.9	10.05	0.0716	298	7	100	15
6/29/2021	5:15 AM	29.837	0	0	0	0.033	81.4	56	64.2	82.7	10.05	0.0717	301	7	100	15
6/29/2021	5:30 AM	29.838	0	0	0	0.033	81.2	57	64.5	82.6	10.17	0.0717	301	7	100	15
6/29/2021	5:45 AM	29.843	0	0	0	0.04	81.2	57	64.5	82.6	10.17	0.0717	297	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/29/2021	6:00 AM	68.7	68.9	68.7	87	64.7	2	ENE	0.5	4	E	68.7	70.5	70.5
6/29/2021	6:15 AM	68.7	68.7	68.6	87	64.7	2	E	0.5	6	NE	68.7	70.5	70.5
6/29/2021	6:30 AM	68.3	68.7	68.2	88	64.6	2	ENE	0.5	5	NE	68.3	70	70
6/29/2021	6:45 AM	68.3	68.4	68.2	87	64.3	1	ENE	0.25	3	ENE	68.3	70	70
6/29/2021	7:00 AM	68.5	68.6	68.3	87	64.5	2	ENE	0.5	4	ENE	68.5	70.2	70.2
6/29/2021	7:15 AM	69	69	68.5	87	65	2	NE	0.5	5	NE	69	70.9	70.9
6/29/2021	7:30 AM	70.5	70.5	68.9	85	65.8	2	NE	0.5	4	E	70.5	72.3	72.3
6/29/2021	7:45 AM	72.6	72.6	70.5	82	66.8	2	ENE	0.5	4	E	72.6	74.3	74.3
6/29/2021	8:00 AM	74.2	74.2	72.6	80	67.6	2	ENE	0.5	5	NE	74.2	76.1	76.1
6/29/2021	8:15 AM	74.9	75	74.2	77	67.2	2	NE	0.5	6	NNE	74.9	76.7	76.7
6/29/2021	8:30 AM	75.1	75.1	74.9	77	67.4	3	NE	0.75	8	ENE	75.1	77	77
6/29/2021	8:45 AM	75.9	75.9	75.1	72	66.2	4	NE	1	9	NE	75.9	77.5	77.5
6/29/2021	9:00 AM	76.1	76.1	75.9	74	67.2	4	ENE	1	9	NE	76.1	77.9	77.9
6/29/2021	9:15 AM	76.7	76.7	76.1	74	67.8	4	ENE	1	10	NNE	76.7	78.7	78.7
6/29/2021	9:30 AM	77.3	77.3	76.6	69	66.3	4	NE	1	11	ENE	77.3	78.9	78.9
6/29/2021	9:45 AM	78	78	77.2	69	67	2	NE	0.5	8	ENE	78	79.9	79.9
6/29/2021	10:00 AM	78.7	78.7	78	67	66.8	4	NE	1	11	ENE	78.7	80.6	80.6
6/29/2021	10:15 AM	79.4	79.4	78.6	69	68.3	3	NNE	0.75	9	NE	79.4	82	82
6/29/2021	10:30 AM	80.4	80.4	79.5	62	66.2	2	NE	0.5	5	N	80.4	82.2	82.2
6/29/2021	10:45 AM	81.3	81.4	80.5	64	68	3	NE	0.75	10	ENE	81.3	84	84
6/29/2021	11:00 AM	81.5	81.6	81.1	61	66.8	4	NE	1	11	ENE	81.5	83.7	83.7
6/29/2021	11:15 AM	82	82.2	81.5	62	67.7	3	NE	0.75	10	NNE	82	84.7	84.7
6/29/2021	11:30 AM	82.2	82.5	82	63	68.3	3	NNE	0.75	9	ENE	82.2	85.3	85.3
6/29/2021	11:45 AM	82.9	82.9	81.6	62	68.5	3	ENE	0.75	9	ENE	82.9	86.2	86.2
6/29/2021	12:00 PM	84	84.1	82.9	62	69.6	3	NNE	0.75	9	NNE	84	88.1	88.1
6/29/2021	12:15 PM	84.4	84.6	84.1	59	68.5	2	NE	0.5	7	SSE	84.4	88	88
6/29/2021	12:30 PM	84.7	84.8	84.3	58	68.3	3	W	0.75	9	WSW	84.7	88.2	88.2
6/29/2021	12:45 PM	85.4	85.5	84.6	58	68.9	3	NE	0.75	9	NE	85.4	89.5	89.5
6/29/2021	1:00 PM	85.6	85.6	85	59	69.6	2	NE	0.5	9	NNE	85.6	90.1	90.1
6/29/2021	1:15 PM	85.7	86	85.6	58	69.2	2	NNE	0.5	9	N	85.7	90	90
6/29/2021	1:30 PM	85.5	86.2	85.4	59	69.5	3	NE	0.75	10	NNE	85.5	89.9	89.9
6/29/2021	1:45 PM	85.6	85.7	85.4	59	69.6	4	NE	1	11	NE	85.6	90.1	90.1
6/29/2021	2:00 PM	85.9	86.1	85.6	59	69.9	3	NE	0.75	10	NE	85.9	90.7	90.7
6/29/2021	2:15 PM	85.7	86	85.4	59	69.7	3	ENE	0.75	9	N	85.7	90.3	90.3
6/29/2021	2:30 PM	86.7	86.8	85.5	59	70.7	2	SW	0.5	8	NNE	86.7	92.2	92.2
6/29/2021	2:45 PM	86.7	86.7	86.3	60	71.2	3	NE	0.75	8	NNE	86.7	92.6	92.6
6/29/2021	3:00 PM	87	87.4	86.7	56	69.4	2	E	0.5	7	SSW	87	91.7	91.7
6/29/2021	3:15 PM	86.2	87	85.7	61	71.2	2	NE	0.5	7	SE	86.2	92	92
6/29/2021	3:30 PM	87.3	87.3	86.3	59	71.2	2	WNW	0.5	7	E	87.3	93.4	93.4

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/29/2021	6:00 AM	29.843	0	0	0	0.039	81.1	57	64.4	82.4	10.17	0.0717	301	7	100	15
6/29/2021	6:15 AM	29.85	0	0	0	0.039	81	57	64.3	82.3	10.17	0.0717	297	7	100	15
6/29/2021	6:30 AM	29.852	0	0	0	0.034	80.9	57	64.2	82.1	10.17	0.0718	300	7	100	15
6/29/2021	6:45 AM	29.852	0	0	0	0.034	80.8	58	64.6	82.1	10.35	0.0718	301	7	100	15
6/29/2021	7:00 AM	29.85	0	0	0	0.036	80.9	58	64.7	82.3	10.35	0.0717	303	7	100	15
6/29/2021	7:15 AM	29.85	0	0	0	0.042	81	58	64.8	82.4	10.35	0.0717	299	7	100	15
6/29/2021	7:30 AM	29.852	0	0	0	0.057	81.3	58	65.1	82.8	10.35	0.0717	299	7	100	15
6/29/2021	7:45 AM	29.852	0	0	0	0.079	81.6	58	65.4	83.3	10.35	0.0716	298	7	100	15
6/29/2021	8:00 AM	29.853	0	0	0	0.096	82	59	66.3	84	10.55	0.0715	298	7	100	15
6/29/2021	8:15 AM	29.854	0	0	0	0.103	82.4	59	66.6	84.7	10.55	0.0714	301	7	100	15
6/29/2021	8:30 AM	29.857	0	0	0	0.105	82.8	59	67	85.3	10.55	0.0714	305	7	100	15
6/29/2021	8:45 AM	29.86	0	0	0	0.114	83.4	58	67.1	86	10.35	0.0713	304	7	100	15
6/29/2021	9:00 AM	29.858	0	0	0	0.116	83.9	58	67.5	86.9	10.35	0.0712	302	7	100	15
6/29/2021	9:15 AM	29.858	0	0	0	0.122	84.4	57	67.5	87.5	10.24	0.0711	297	7	100	15
6/29/2021	9:30 AM	29.854	0	0	0	0.128	85.1	57	68.2	88.6	10.25	0.071	299	7	100	15
6/29/2021	9:45 AM	29.853	0	0	0	0.135	85.6	56	68.1	89.2	10.04	0.0709	299	7	100	15
6/29/2021	10:00 AM	29.846	0	0	0	0.143	86.1	55	68	89.7	9.83	0.0709	305	7	100	15
6/29/2021	10:15 AM	29.843	0	0	0	0.15	86.9	55	68.8	91.1	9.81	0.0707	299	7	100	15
6/29/2021	10:30 AM	29.84	0	0	0	0.16	88.3	54	69.5	93.4	9.68	0.0705	301	7	100	15
6/29/2021	10:45 AM	29.838	0	0	0	0.17	89.8	52	69.8	95.4	9.35	0.0703	302	7	100	15
6/29/2021	11:00 AM	29.84	0	0	0	0.172	90.9	51	70.3	97	9.13	0.0701	301	7	100	15
6/29/2021	11:15 AM	29.839	0	0	0	0.177	92	50	70.7	98.7	8.97	0.0699	303	7	100	15
6/29/2021	11:30 AM	29.839	0	0	0	0.179	92.9	50	71.5	100.6	8.93	0.0698	301	7	100	15
6/29/2021	11:45 AM	29.834	0	0	0	0.186	93.1	49	71.1	100.5	8.79	0.0697	302	7	100	15
6/29/2021	12:00 PM	29.839	0	0	0	0.198	94.1	48	71.4	102	8.57	0.0696	301	7	100	15
6/29/2021	12:15 PM	29.84	0	0	0	0.202	95.1	47	71.7	103.5	8.45	0.0695	303	7	100	15
6/29/2021	12:30 PM	29.837	0	0	0	0.205	95.9	47	72.4	105.4	8.41	0.0693	305	7	100	15
6/29/2021	12:45 PM	29.838	0	0	0	0.213	96.8	46	72.6	106.7	8.21	0.0692	303	7	100	15
6/29/2021	1:00 PM	29.836	0	0	0	0.215	97.4	46	73.1	108.1	8.2	0.0691	302	7	100	15
6/29/2021	1:15 PM	29.83	0	0	0	0.216	98	46	73.7	109.4	8.19	0.069	304	7	100	15
6/29/2021	1:30 PM	29.824	0	0	0	0.214	98.3	45	73.3	109.3	8.08	0.0689	297	7	100	15
6/29/2021	1:45 PM	29.819	0	0	0	0.215	98.6	45	73.6	110	8.08	0.0689	302	7	100	15
6/29/2021	2:00 PM	29.813	0	0	0	0.218	99	44	73.3	110.2	7.87	0.0688	300	7	100	15
6/29/2021	2:15 PM	29.808	0	0	0	0.216	98.9	44	73.2	110	7.87	0.0688	304	7	100	15
6/29/2021	2:30 PM	29.803	0	0	0	0.226	99.1	44	73.4	110.5	7.87	0.0688	300	7	100	15
6/29/2021	2:45 PM	29.802	0	0	0	0.226	99.4	43	72.9	110.4	7.75	0.0688	301	7	100	15
6/29/2021	3:00 PM	29.802	0	0	0	0.229	99.9	43	73.4	111.6	7.75	0.0687	301	7	100	15
6/29/2021	3:15 PM	29.806	0	0	0	0.221	99.7	42	72.5	110.3	7.55	0.0688	303	7	100	15
6/29/2021	3:30 PM	29.802	0	0	0	0.232	100.2	43	73.7	112.3	7.74	0.0686	301	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/29/2021	3:45 PM	87.2	87.4	87.1	56	69.6	3	W	0.75	7	SSE	87.2	92.1	92.1
6/29/2021	4:00 PM	84.7	87.2	84.7	62	70.2	2	NNW	0.5	9	SSE	84.7	89.5	89.5
6/29/2021	4:15 PM	85.3	85.3	84.3	58	68.8	2	NE	0.5	8	WSW	85.3	89.3	89.3
6/29/2021	4:30 PM	84.7	85.7	84.6	61	69.8	2	WSW	0.5	7	WSW	84.7	89.1	89.1
6/29/2021	4:45 PM	85.8	86	84.7	58	69.3	3	WNW	0.75	8	S	85.8	90.2	90.2
6/29/2021	5:00 PM	86.4	86.4	85.8	59	70.4	2	SSW	0.5	5	NE	86.4	91.6	91.6
6/29/2021	5:15 PM	86.4	86.7	86	59	70.4	2	NNW	0.5	9	NNW	86.4	91.6	91.6
6/29/2021	5:30 PM	87.3	87.3	86.5	57	70.2	1	E	0.25	5	SSE	87.3	92.7	92.7
6/29/2021	5:45 PM	85.2	87.3	85.2	59	69.3	2	W	0.5	5	SSE	85.2	89.4	89.4
6/29/2021	6:00 PM	85.4	85.4	85.1	60	69.9	2	ENE	0.5	7	NNE	85.4	90.1	90.1
6/29/2021	6:15 PM	85.7	85.7	85.2	59	69.7	2	NE	0.5	7	SSW	85.7	90.3	90.3
6/29/2021	6:30 PM	84	85.8	84	59	68.1	2	W	0.5	7	SSE	84	87.3	87.3
6/29/2021	6:45 PM	82.1	84	82	63	68.3	1	W	0.25	6	SW	82.1	85.1	85.1
6/29/2021	7:00 PM	82.5	82.7	81.9	63	68.6	1	W	0.25	3	ESE	82.5	85.8	85.8
6/29/2021	7:15 PM	82.7	82.7	81.9	62	68.4	1	WNW	0.25	3	NNE	82.7	85.9	85.9
6/29/2021	7:30 PM	82.3	82.7	82	63	68.4	0	SSW	0	2	W	82.3	85.4	85.4
6/29/2021	7:45 PM	82.5	82.8	82.3	64	69.1	1	S	0.25	3	SW	82.5	86	86
6/29/2021	8:00 PM	81.3	82.5	81.3	65	68.4	1	NE	0.25	3	WSW	81.3	84.2	84.2
6/29/2021	8:15 PM	79.4	81.3	79.4	69	68.3	0	S	0	2	SW	79.4	82	82
6/29/2021	8:30 PM	77.8	79.4	77.8	71	67.6	0	S	0	2	S	77.8	79.9	79.9
6/29/2021	8:45 PM	77.1	77.9	77.1	71	67	0	S	0	1	S	77.1	78.9	78.9
6/29/2021	9:00 PM	76.1	77.1	76.1	73	66.8	0	S	0	1	S	76.1	77.8	77.8
6/29/2021	9:15 PM	75.6	76.1	75.6	74	66.7	0	S	0	1	S	75.6	77.3	77.3
6/29/2021	9:30 PM	74.9	75.6	74.9	74	66.1	0	ENE	0	2	E	74.9	76.5	76.5
6/29/2021	9:45 PM	74.7	74.9	74.7	76	66.6	0	ENE	0	2	ENE	74.7	76.4	76.4
6/29/2021	10:00 PM	74.2	74.7	74.2	77	66.5	0	SSE	0	2	SSE	74.2	75.9	75.9
6/29/2021	10:15 PM	73.7	74.2	73.7	78	66.4	0	SSE	0	2	SSE	73.7	75.4	75.4
6/29/2021	10:30 PM	73.4	73.8	73.4	78	66.1	0	SSE	0	1	SSE	73.4	75	75
6/29/2021	10:45 PM	73.1	73.5	73.1	79	66.2	0	SSE	0	2	SSE	73.1	74.7	74.7
6/29/2021	11:00 PM	72.9	73.2	72.8	80	66.4	0	SSE	0	2	SSE	72.9	74.6	74.6
6/29/2021	11:15 PM	72.6	73	72.6	81	66.4	1	SSE	0.25	2	SSE	72.6	74.3	74.3
6/29/2021	11:30 PM	71.8	72.6	71.8	82	66	0	SSE	0	1	SSE	71.8	73.4	73.4
6/29/2021	11:45 PM	71.5	71.9	71.5	83	66.1	0	SSE	0	2	SSE	71.5	73.2	73.2
6/30/2021	12:00 AM	71	71.5	71	84	65.9	0	SSE	0	1	SSE	71	72.7	72.7
6/30/2021	12:15 AM	70.5	71	70.5	85	65.8	0	SSE	0	1	SSE	70.5	72.3	72.3
6/30/2021	12:30 AM	70.3	70.5	70.2	85	65.6	0	SSE	0	1	SSE	70.3	72	72
6/30/2021	12:45 AM	70.1	70.5	70	86	65.7	0	SSE	0	1	SSE	70.1	71.9	71.9
6/30/2021	1:00 AM	69.6	70	69.6	87	65.6	0	---	0	0	---	69.6	71.5	71.5
6/30/2021	1:15 AM	69	69.6	69	88	65.3	0	SSE	0	1	SSE	69	71	71

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/29/2021	3:45 PM	29.804	0	0	0	0.231	100.3	42	73.1	111.7	7.54	0.0687	304	7	100	15
6/29/2021	4:00 PM	29.804	0	0	0	0.205	99.6	42	72.4	110.1	7.55	0.0688	301	7	100	15
6/29/2021	4:15 PM	29.799	0	0	0	0.211	98.8	42	71.7	108.2	7.55	0.0689	299	7	100	15
6/29/2021	4:30 PM	29.799	0	0	0	0.205	98.6	42	71.5	107.8	7.55	0.0689	301	7	100	15
6/29/2021	4:45 PM	29.792	0	0	0	0.217	98.3	42	71.3	107.1	7.55	0.069	299	7	100	15
6/29/2021	5:00 PM	29.79	0	0	0	0.223	98	42	71	106.5	7.55	0.069	305	7	100	15
6/29/2021	5:15 PM	29.792	0	0	0	0.223	97.3	42	70.4	105	7.55	0.0692	303	7	100	15
6/29/2021	5:30 PM	29.789	0	0	0	0.232	96.9	43	70.7	104.8	7.75	0.0692	303	7	100	15
6/29/2021	5:45 PM	29.789	0	0	0	0.21	96.5	43	70.3	104	7.75	0.0693	305	7	100	15
6/29/2021	6:00 PM	29.778	0	0	0	0.213	96	43	69.9	103	7.75	0.0693	298	7	100	15
6/29/2021	6:15 PM	29.775	0	0	0	0.216	95.5	43	69.4	101.9	7.75	0.0694	300	7	100	15
6/29/2021	6:30 PM	29.781	0	0	0	0.198	95.1	43	69.1	101.1	7.75	0.0695	303	7	100	15
6/29/2021	6:45 PM	29.786	0	0	0	0.178	94.7	44	69.4	100.9	7.96	0.0695	299	7	100	15
6/29/2021	7:00 PM	29.787	0	0	0	0.182	94.3	44	69	100.1	7.96	0.0696	305	7	100	15
6/29/2021	7:15 PM	29.791	0	0	0	0.184	93.9	45	69.3	99.8	8.15	0.0697	303	7	100	15
6/29/2021	7:30 PM	29.794	0	0	0	0.18	93.6	45	69.1	99.2	8.15	0.0697	300	7	100	15
6/29/2021	7:45 PM	29.798	0	0	0	0.182	93.2	46	69.3	99	8.29	0.0698	302	7	100	15
6/29/2021	8:00 PM	29.801	0	0	0	0.17	92.8	46	69	98.3	8.29	0.0698	302	7	100	15
6/29/2021	8:15 PM	29.8	0	0	0	0.15	92.1	47	69	97.4	8.45	0.0699	302	7	100	15
6/29/2021	8:30 PM	29.803	0	0	0	0.133	91.4	47	68.3	96.1	8.45	0.0701	300	7	100	15
6/29/2021	8:45 PM	29.802	0	0	0	0.126	90.8	48	68.4	95.4	8.63	0.0701	298	7	100	15
6/29/2021	9:00 PM	29.805	0	0	0	0.116	90.2	48	67.9	94.3	8.65	0.0702	299	7	100	15
6/29/2021	9:15 PM	29.809	0	0	0	0.11	89.7	48	67.4	93.4	8.66	0.0703	300	7	100	15
6/29/2021	9:30 PM	29.813	0	0	0	0.103	89.2	48	66.9	92.6	8.67	0.0704	300	7	100	15
6/29/2021	9:45 PM	29.823	0	0	0	0.101	88.8	49	67.2	92.3	8.85	0.0705	302	7	100	15
6/29/2021	10:00 PM	29.832	0	0	0	0.096	88.4	49	66.8	91.6	8.85	0.0706	300	7	100	15
6/29/2021	10:15 PM	29.84	0	0	0	0.091	87.9	50	66.9	91	9.05	0.0707	298	7	100	15
6/29/2021	10:30 PM	29.844	0	0	0	0.088	87.5	50	66.6	90.4	9.05	0.0708	297	7	100	15
6/29/2021	10:45 PM	29.846	0	0	0	0.084	87.2	50	66.3	89.9	9.05	0.0708	299	7	100	15
6/29/2021	11:00 PM	29.85	0	0	0	0.082	86.8	51	66.5	89.6	9.21	0.0709	297	7	100	15
6/29/2021	11:15 PM	29.849	0	0	0	0.079	86.5	51	66.2	89.1	9.22	0.0709	295	7	99.3	15
6/29/2021	11:30 PM	29.841	0	0	0	0.071	86.1	52	66.4	88.8	9.35	0.0709	296	7	99.7	15
6/29/2021	11:45 PM	29.84	0	0	0	0.068	85.7	52	66	88.2	9.35	0.071	297	7	100	15
6/30/2021	12:00 AM	29.841	0	0	0	0.063	85.4	52	65.8	87.7	9.35	0.0711	299	7	100	15
6/30/2021	12:15 AM	29.841	0	0	0	0.057	85.1	53	66	87.5	9.55	0.0711	298	7	100	15
6/30/2021	12:30 AM	29.835	0	0	0	0.055	84.7	53	65.7	86.9	9.56	0.0711	300	7	100	15
6/30/2021	12:45 AM	29.836	0	0	0	0.053	84.4	53	65.4	86.5	9.56	0.0712	297	7	100	15
6/30/2021	1:00 AM	29.835	0	0	0	0.048	84.2	54	65.8	86.4	9.75	0.0712	297	7	100	15
6/30/2021	1:15 AM	29.831	0	0	0	0.042	83.9	54	65.5	85.9	9.75	0.0712	296	7	99.7	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/30/2021	1:30 AM	68.7	69	68.7	88	65	1	E	0.25	2	E	68.7	70.6	70.6
6/30/2021	1:45 AM	68.9	68.9	68.7	88	65.2	1	E	0.25	2	E	68.9	70.8	70.8
6/30/2021	2:00 AM	69	69	68.9	88	65.3	0	E	0	1	E	69	71	71
6/30/2021	2:15 AM	69	69.1	69	88	65.3	0	E	0	2	E	69	71	71
6/30/2021	2:30 AM	67.1	69	67.1	91	64.4	1	E	0.25	2	E	67.1	68.8	68.8
6/30/2021	2:45 AM	66.7	67.2	66.7	92	64.3	0	E	0	1	E	66.7	68.3	68.3
6/30/2021	3:00 AM	66.7	66.8	66.6	93	64.6	1	E	0.25	2	E	66.7	68.3	68.3
6/30/2021	3:15 AM	67.1	67.1	66.6	93	65	0	E	0	2	E	67.1	68.8	68.8
6/30/2021	3:30 AM	65.9	67.2	65.9	91	63.2	1	E	0.25	2	E	65.9	67.2	67.2
6/30/2021	3:45 AM	65.3	65.9	65.2	94	63.5	0	E	0	1	E	65.3	66.7	66.7
6/30/2021	4:00 AM	65.5	65.5	65.2	95	64	0	E	0	1	E	65.5	67	67
6/30/2021	4:15 AM	65.6	65.7	65.5	95	64.1	0	E	0	1	E	65.6	67.1	67.1
6/30/2021	4:30 AM	65.4	65.7	65.4	95	63.9	0	E	0	1	E	65.4	66.9	66.9
6/30/2021	4:45 AM	65.6	65.6	65.3	96	64.4	0	E	0	1	E	65.6	67.3	67.3
6/30/2021	5:00 AM	65.9	66.3	65.6	92	63.5	0	E	0	2	E	65.9	67.3	67.3
6/30/2021	5:15 AM	65.7	65.9	65.5	94	63.9	1	E	0.25	2	E	65.7	67.2	67.2
6/30/2021	5:30 AM	65.6	65.8	65.6	94	63.8	0	E	0	2	E	65.6	67.1	67.1
6/30/2021	5:45 AM	64.9	65.6	64.9	93	62.8	1	E	0.25	2	E	64.9	66.2	66.2
6/30/2021	6:00 AM	65	65	64.7	96	63.8	0	ENE	0	1	ENE	65	66.6	66.6
6/30/2021	6:15 AM	65.1	65.2	65	93	63	0	ENE	0	2	ENE	65.1	66.4	66.4
6/30/2021	6:30 AM	64.4	65	64.3	96	63.2	0	ENE	0	2	ENE	64.4	65.8	65.8
6/30/2021	6:45 AM	65	65	64.4	96	63.8	0	ENE	0	2	ENE	65	66.6	66.6
6/30/2021	7:00 AM	65.5	65.5	65	95	64	0	ENE	0	1	ENE	65.5	67	67
6/30/2021	7:15 AM	66.1	66.1	65.5	95	64.6	0	ENE	0	1	ENE	66.1	67.7	67.7
6/30/2021	7:30 AM	67.1	67.1	66	94	65.3	0	---	0	0	---	67.1	68.9	68.9
6/30/2021	7:45 AM	69.1	69.1	67.1	91	66.4	1	ENE	0.25	2	ENE	69.1	71.3	71.3
6/30/2021	8:00 AM	71.3	71.3	69.2	87	67.2	0	ENE	0	2	ENE	71.3	73.2	73.2
6/30/2021	8:15 AM	71	71.4	71	87	66.9	0	ENE	0	2	ENE	71	72.9	72.9
6/30/2021	8:30 AM	70.8	71.1	70.8	87	66.7	0	ESE	0	1	E	70.8	72.7	72.7
6/30/2021	8:45 AM	71.1	71.1	70.8	88	67.4	0	ESE	0	1	ESE	71.1	73.1	73.1
6/30/2021	9:00 AM	71.7	71.7	71	86	67.3	0	SSW	0	2	SSW	71.7	73.6	73.6
6/30/2021	9:15 AM	72.6	72.6	71.7	85	67.8	1	SW	0.25	3	NNW	72.6	74.5	74.5
6/30/2021	9:30 AM	73.7	73.7	72.6	84	68.6	1	WNW	0.25	4	WNW	73.7	75.7	75.7
6/30/2021	9:45 AM	74.8	74.8	73.7	79	67.8	1	NNW	0.25	5	NW	74.8	76.8	76.8
6/30/2021	10:00 AM	75.8	75.8	74.8	81	69.6	2	WNW	0.5	4	NW	75.8	78.1	78.1
6/30/2021	10:15 AM	76.4	76.4	75.8	77	68.7	1	SSW	0.25	4	SW	76.4	78.6	78.6
6/30/2021	10:30 AM	77.9	77.9	76.4	75	69.3	2	W	0.5	5	NNW	77.9	80.6	80.6
6/30/2021	10:45 AM	77.2	77.9	77.2	74	68.3	1	NNW	0.25	4	SW	77.2	79.4	79.4
6/30/2021	11:00 AM	78.8	78.8	77.2	72	69	2	WSW	0.5	5	SW	78.8	81.5	81.5

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/30/2021	1:30 AM	29.825	0	0	0	0.039	83.7	54	65.3	85.6	9.75	0.0713	300	7	100	15
6/30/2021	1:45 AM	29.823	0	0	0	0.041	83.4	55	65.5	85.4	9.85	0.0713	302	7	100	15
6/30/2021	2:00 AM	29.817	0	0	0	0.042	83.2	55	65.4	85.1	9.85	0.0713	291	7	98	15
6/30/2021	2:15 AM	29.814	0	0	0	0.042	83	55	65.2	84.8	9.85	0.0713	294	7	99	15
6/30/2021	2:30 AM	29.813	0	0	0	0.022	82.7	56	65.4	84.5	10.05	0.0714	294	7	99	15
6/30/2021	2:45 AM	29.811	0	0	0	0.018	82.4	56	65.1	84.1	10.05	0.0714	291	7	98	15
6/30/2021	3:00 AM	29.808	0	0	0	0.018	82.1	56	64.8	83.6	10.05	0.0715	293	7	98.7	15
6/30/2021	3:15 AM	29.808	0	0	0	0.022	81.9	56	64.7	83.3	10.05	0.0715	289	7	97.3	15
6/30/2021	3:30 AM	29.805	0	0	0	0.009	81.8	56	64.6	83.2	10.05	0.0715	299	7	100	15
6/30/2021	3:45 AM	29.807	0	0	0	0.003	81.4	57	64.7	82.8	10.18	0.0716	296	7	99.7	15
6/30/2021	4:00 AM	29.807	0	0	0	0.005	81.2	57	64.5	82.6	10.17	0.0716	294	7	99	15
6/30/2021	4:15 AM	29.802	0	0	0	0.006	81	57	64.3	82.3	10.17	0.0716	289	7	97.3	15
6/30/2021	4:30 AM	29.805	0	0	0	0.004	80.9	57	64.2	82.1	10.17	0.0716	298	7	100	15
6/30/2021	4:45 AM	29.8	0	0	0	0.006	80.7	58	64.5	82	10.35	0.0716	294	7	99	15
6/30/2021	5:00 AM	29.801	0	0	0	0.009	80.6	58	64.5	81.9	10.35	0.0717	297	7	100	15
6/30/2021	5:15 AM	29.803	0	0	0	0.007	80.4	58	64.3	81.6	10.35	0.0717	295	7	99.3	15
6/30/2021	5:30 AM	29.802	0	0	0	0.006	80.3	58	64.2	81.4	10.35	0.0717	300	7	100	15
6/30/2021	5:45 AM	29.804	0	0	0.001	0	80.1	58	64	81.1	10.35	0.0718	295	7	99.3	15
6/30/2021	6:00 AM	29.806	0	0	0	0	79.9	58	63.8	80.9	10.35	0.0718	297	7	100	15
6/30/2021	6:15 AM	29.805	0	0	0	0.001	79.9	59	64.3	81	10.55	0.0718	295	7	99.3	15
6/30/2021	6:30 AM	29.813	0	0	0.006	0	79.7	59	64.1	80.7	10.56	0.0718	293	7	98.7	15
6/30/2021	6:45 AM	29.813	0	0	0	0	79.7	59	64.1	80.7	10.56	0.0718	296	7	99.7	15
6/30/2021	7:00 AM	29.816	0	0	0	0.005	79.8	59	64.2	80.8	10.56	0.0718	297	7	100	15
6/30/2021	7:15 AM	29.818	0	0	0	0.011	80	60	64.9	81.2	10.75	0.0718	293	7	98.7	15
6/30/2021	7:30 AM	29.814	0	0	0	0.022	80.2	60	65.1	81.5	10.75	0.0717	293	7	98.7	15
6/30/2021	7:45 AM	29.812	0	0	0	0.043	80.5	60	65.3	81.9	10.75	0.0717	293	7	98.7	15
6/30/2021	8:00 AM	29.813	0	0	0	0.066	80.9	60	65.7	82.6	10.75	0.0716	296	7	99.7	15
6/30/2021	8:15 AM	29.811	0	0	0	0.063	81.2	60	66	83	10.75	0.0715	296	7	99.7	15
6/30/2021	8:30 AM	29.81	0	0	0	0.06	81.5	60	66.3	83.4	10.75	0.0715	297	7	100	15
6/30/2021	8:45 AM	29.808	0	0	0	0.064	81.9	60	66.6	84.1	10.75	0.0714	295	7	99.3	15
6/30/2021	9:00 AM	29.81	0	0	0	0.07	82.2	60	66.9	84.5	10.75	0.0713	292	7	98.3	15
6/30/2021	9:15 AM	29.811	0	0	0	0.079	82.8	60	67.5	85.5	10.75	0.0712	297	7	100	15
6/30/2021	9:30 AM	29.813	0	0	0	0.091	83.3	60	68	86.3	10.75	0.0711	291	7	98	15
6/30/2021	9:45 AM	29.809	0	0	0	0.102	83.9	59	68	87.1	10.55	0.0711	288	7	97	15
6/30/2021	10:00 AM	29.808	0	0	0	0.113	84.6	59	68.7	88.3	10.55	0.0709	297	7	100	15
6/30/2021	10:15 AM	29.81	0	0	0	0.119	85.6	58	69.1	89.8	10.34	0.0708	298	7	100	15
6/30/2021	10:30 AM	29.807	0	0	0	0.134	87.2	57	70.1	92.5	10.16	0.0705	299	7	100	15
6/30/2021	10:45 AM	29.803	0	0	0	0.127	88.1	56	70.4	93.8	9.99	0.0704	302	7	100	15
6/30/2021	11:00 AM	29.802	0	0	0	0.144	89	55	70.7	95.1	9.77	0.0702	300	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/30/2021	11:15 AM	79.4	79.6	78.8	71	69.2	2	NW	0.5	6	S	79.4	82.3	82.3
6/30/2021	11:30 AM	79.4	79.5	79.1	71	69.2	1	SSE	0.25	4	WSW	79.4	82.3	82.3
6/30/2021	11:45 AM	79.3	79.7	79.3	70	68.7	1	WNW	0.25	5	S	79.3	82	82
6/30/2021	12:00 PM	80.9	80.9	79.2	68	69.3	2	S	0.5	7	S	80.9	84.3	84.3
6/30/2021	12:15 PM	82.3	82.3	81	67	70.2	2	W	0.5	5	SSW	82.3	86.5	86.5
6/30/2021	12:30 PM	82.3	83.2	82.3	66	69.8	2	WSW	0.5	5	WSW	82.3	86.2	86.2
6/30/2021	12:45 PM	82.2	82.4	82.1	65	69.3	2	WSW	0.5	4	W	82.2	85.8	85.8
6/30/2021	1:00 PM	81.1	82.1	81.1	65	68.2	1	W	0.25	4	NW	81.1	83.9	83.9
6/30/2021	1:15 PM	81.1	81.1	80.1	68	69.5	2	W	0.5	5	WNW	81.1	84.6	84.6
6/30/2021	1:30 PM	82.3	82.3	81.1	65	69.4	2	WNW	0.5	6	W	82.3	85.9	85.9
6/30/2021	1:45 PM	83.2	83.8	82.4	62	68.8	2	NW	0.5	6	NW	83.2	86.7	86.7
6/30/2021	2:00 PM	84.4	84.4	83.2	59	68.5	3	S	0.75	10	SSE	84.4	88	88
6/30/2021	2:15 PM	83.7	84.6	83.5	63	69.8	2	W	0.5	7	WNW	83.7	87.9	87.9
6/30/2021	2:30 PM	85.2	85.2	83.7	59	69.3	2	SW	0.5	7	WSW	85.2	89.4	89.4
6/30/2021	2:45 PM	85.6	85.6	85.1	59	69.6	2	W	0.5	7	W	85.6	90.1	90.1
6/30/2021	3:00 PM	86.2	86.3	85.6	58	69.7	2	W	0.5	6	NW	86.2	90.9	90.9
6/30/2021	3:15 PM	87.1	87.2	86.2	56	69.5	2	SW	0.5	5	WSW	87.1	91.9	91.9
6/30/2021	3:30 PM	87.3	87.3	87	55	69.2	2	WNW	0.5	5	NNW	87.3	91.9	91.9
6/30/2021	3:45 PM	87.4	87.6	87.2	53	68.2	2	WSW	0.5	7	SSE	87.4	91.3	91.3
6/30/2021	4:00 PM	87.8	87.9	87.3	51	67.4	2	WNW	0.5	6	SSW	87.8	91.3	91.3
6/30/2021	4:15 PM	87.8	88	87.4	55	69.6	2	WSW	0.5	6	W	87.8	92.8	92.8
6/30/2021	4:30 PM	87.8	88.3	87.8	54	69.1	2	WNW	0.5	5	NW	87.8	92.4	92.4
6/30/2021	4:45 PM	87.1	87.8	87.1	53	67.9	2	SSW	0.5	5	WSW	87.1	90.8	90.8
6/30/2021	5:00 PM	86.5	87.1	86.5	53	67.3	2	SSE	0.5	4	SE	86.5	89.8	89.8
6/30/2021	5:15 PM	86.7	86.7	86.1	54	68.1	1	WSW	0.25	4	S	86.7	90.4	90.4
6/30/2021	5:30 PM	88.8	88.8	86.7	53	69.5	1	WNW	0.25	4	NNW	88.8	93.9	93.9
6/30/2021	5:45 PM	88.4	88.9	88.4	49	66.8	2	NW	0.5	9	NW	88.4	91.6	91.6
6/30/2021	6:00 PM	86.6	88.3	86.6	51	66.3	2	WSW	0.5	7	W	86.6	89.3	89.3
6/30/2021	6:15 PM	87.5	87.5	86.1	54	68.8	2	W	0.5	7	NW	87.5	91.9	91.9
6/30/2021	6:30 PM	87.9	88.1	87.4	55	69.7	1	W	0.25	4	NW	87.9	93	93
6/30/2021	6:45 PM	87.3	87.9	86.7	56	69.7	1	NW	0.25	4	N	87.3	92.3	92.3
6/30/2021	7:00 PM	87.1	87.3	87	52	67.3	2	NW	0.5	5	NNW	87.1	90.5	90.5
6/30/2021	7:15 PM	85.7	87.1	85.7	56	68.2	1	WSW	0.25	4	SSE	85.7	89.3	89.3
6/30/2021	7:30 PM	84.2	85.7	84.2	57	67.3	1	SW	0.25	3	WSW	84.2	87.1	87.1
6/30/2021	7:45 PM	82.7	84.2	82.7	62	68.4	0	WSW	0	2	WSW	82.7	85.9	85.9
6/30/2021	8:00 PM	81.6	82.7	81.6	62	67.3	0	SSE	0	2	SSW	81.6	84	84
6/30/2021	8:15 PM	80.5	81.6	80.5	64	67.2	0	S	0	3	ESE	80.5	82.8	82.8
6/30/2021	8:30 PM	79.7	80.5	79.7	66	67.3	0	W	0	2	S	79.7	81.9	81.9
6/30/2021	8:45 PM	79.1	79.8	79.1	68	67.6	0	W	0	2	W	79.1	81.3	81.3

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/30/2021	11:15 AM	29.805	0	0	0	0.15	90.2	54	71.3	97.1	9.64	0.07	300	7	100	15
6/30/2021	11:30 AM	29.803	0	0	0	0.15	90.7	53	71.2	97.7	9.42	0.07	299	7	100	15
6/30/2021	11:45 AM	29.798	0	0	0	0.149	90.9	53	71.4	98.1	9.41	0.0699	298	7	100	15
6/30/2021	12:00 PM	29.793	0	0	0	0.166	91.6	52	71.5	99	9.29	0.0698	302	7	100	15
6/30/2021	12:15 PM	29.79	0	0	0	0.18	92.8	51	72	101	9.09	0.0696	298	7	100	15
6/30/2021	12:30 PM	29.788	0	0	0	0.18	94.1	50	72.6	103.2	8.89	0.0694	300	7	100	15
6/30/2021	12:45 PM	29.783	0	0	0	0.179	94.3	50	72.8	103.7	8.88	0.0694	296	7	99.7	15
6/30/2021	1:00 PM	29.78	0	0	0	0.168	94.4	49	72.3	103.3	8.76	0.0694	299	7	100	15
6/30/2021	1:15 PM	29.774	0	0	0	0.168	94	49	71.9	102.4	8.77	0.0694	300	7	100	15
6/30/2021	1:30 PM	29.773	0	0	0	0.18	94.6	48	71.9	103.1	8.56	0.0694	300	7	100	15
6/30/2021	1:45 PM	29.763	0	0	0	0.19	95.5	48	72.7	105.1	8.54	0.0692	301	7	100	15
6/30/2021	2:00 PM	29.751	0	0	0	0.202	96.1	47	72.6	105.8	8.41	0.0691	301	7	100	15
6/30/2021	2:15 PM	29.743	0	0	0	0.195	96.8	46	72.6	106.7	8.21	0.069	299	7	100	15
6/30/2021	2:30 PM	29.732	0	0	0	0.21	96.9	46	72.7	106.9	8.21	0.0689	299	7	100	15
6/30/2021	2:45 PM	29.723	0	0	0	0.215	97.6	45	72.7	107.7	8.1	0.0688	304	7	100	15
6/30/2021	3:00 PM	29.715	0	0	0	0.221	98.4	45	73.4	109.6	8.08	0.0687	300	7	100	15
6/30/2021	3:15 PM	29.71	0	0	0	0.23	99	44	73.3	110.2	7.87	0.0686	299	7	100	15
6/30/2021	3:30 PM	29.707	0	0	0	0.232	99.2	43	72.8	109.9	7.75	0.0686	301	7	100	15
6/30/2021	3:45 PM	29.701	0	0	0	0.233	99.6	42	72.4	110.1	7.55	0.0685	304	7	100	15
6/30/2021	4:00 PM	29.697	0	0	0	0.238	99.9	42	72.7	110.7	7.55	0.0685	301	7	100	15
6/30/2021	4:15 PM	29.691	0	0	0	0.238	99.7	41	71.8	109.5	7.45	0.0685	305	7	100	15
6/30/2021	4:30 PM	29.685	0	0	0	0.238	99.6	41	71.7	109.2	7.45	0.0685	301	7	100	15
6/30/2021	4:45 PM	29.686	0	0	0	0.23	99.1	41	71.3	108.1	7.45	0.0686	301	7	100	15
6/30/2021	5:00 PM	29.683	0	0	0	0.224	98.3	40	69.8	105.7	7.25	0.0688	301	7	100	15
6/30/2021	5:15 PM	29.682	0	0	0	0.226	97.6	42	70.6	105.6	7.55	0.0689	301	7	100	15
6/30/2021	5:30 PM	29.675	0	0	0	0.248	97.3	42	70.4	105	7.55	0.0689	300	7	100	15
6/30/2021	5:45 PM	29.673	0	0	0	0.244	97.2	42	70.3	104.8	7.55	0.0689	304	7	100	15
6/30/2021	6:00 PM	29.669	0	0	0	0.225	96.8	41	69.2	103.3	7.45	0.069	302	7	100	15
6/30/2021	6:15 PM	29.667	0	0	0	0.234	96.5	42	69.7	103.3	7.55	0.069	296	7	99.7	15
6/30/2021	6:30 PM	29.66	0	0	0	0.239	96.5	42	69.7	103.3	7.55	0.069	295	7	99.3	15
6/30/2021	6:45 PM	29.657	0	0	0	0.232	96.2	43	70.1	103.4	7.75	0.069	295	7	99.3	15
6/30/2021	7:00 PM	29.661	0	0	0	0.23	96.1	43	70	103.2	7.75	0.069	297	7	100	15
6/30/2021	7:15 PM	29.661	0	0	0	0.216	95.8	43	69.7	102.5	7.75	0.0691	301	7	100	15
6/30/2021	7:30 PM	29.664	0	0	0	0.2	95.3	43	69.3	101.5	7.75	0.0692	300	7	100	15
6/30/2021	7:45 PM	29.667	0	0	0	0.184	94.7	43	68.7	100.3	7.76	0.0693	297	7	100	15
6/30/2021	8:00 PM	29.665	0	0	0	0.173	94	44	68.8	99.5	7.97	0.0694	298	7	100	15
6/30/2021	8:15 PM	29.668	0	0	0	0.161	93.4	45	68.9	98.9	8.15	0.0694	299	7	100	15
6/30/2021	8:30 PM	29.669	0	0	0	0.153	92.9	45	68.4	97.9	8.15	0.0695	292	7	98.3	15
6/30/2021	8:45 PM	29.668	0	0	0	0.147	92.5	46	68.7	97.7	8.3	0.0696	299	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
6/30/2021	9:00 PM	78.5	79.1	78.5	69	67.5	0	SSW	0	2	SSW	78.5	80.6	80.6
6/30/2021	9:15 PM	78.1	78.7	78.1	70	67.5	0	SSW	0	2	SSW	78.1	80.1	80.1
6/30/2021	9:30 PM	77.3	78.2	77.3	72	67.6	0	SSW	0	2	SSW	77.3	79.3	79.3
6/30/2021	9:45 PM	76.4	77.3	76.4	74	67.5	0	SSW	0	2	SSW	76.4	78.3	78.3
6/30/2021	10:00 PM	75.6	76.4	75.6	76	67.5	0	---	0	0	---	75.6	77.5	77.5
6/30/2021	10:15 PM	75.3	75.6	75.3	77	67.6	0	---	0	0	---	75.3	77.2	77.2
6/30/2021	10:30 PM	74.2	75.3	74.2	79	67.3	0	SSW	0	1	SSW	74.2	76.1	76.1
6/30/2021	10:45 PM	73.7	74.1	73.7	80	67.1	0	---	0	0	---	73.7	75.5	75.5
6/30/2021	11:00 PM	73.3	73.7	73.3	81	67.1	0	SSW	0	1	SSW	73.3	75.1	75.1
6/30/2021	11:15 PM	72.9	73.3	72.9	81	66.7	0	---	0	0	---	72.9	74.6	74.6
6/30/2021	11:30 PM	72.5	72.9	72.4	82	66.7	0	S	0	2	S	72.5	74.2	74.2
6/30/2021	11:45 PM	71.7	72.4	71.7	84	66.6	0	SSE	0	3	SSE	71.7	73.4	73.4
7/1/2021	12:00 AM	72	72.1	71.8	83	66.6	0	SSE	0	1	SSE	72	73.7	73.7
7/1/2021	12:15 AM	70.8	72.1	70.8	86	66.4	0	SSE	0	1	SSE	70.8	72.6	72.6
7/1/2021	12:30 AM	70.5	70.8	70.4	87	66.4	0	SSE	0	2	SSE	70.5	72.4	72.4
7/1/2021	12:45 AM	70.1	70.4	70.1	87	66	0	---	0	0	---	70.1	72	72
7/1/2021	1:00 AM	69.9	70.1	69.9	87	65.9	0	---	0	0	---	69.9	71.8	71.8
7/1/2021	1:15 AM	69.7	69.9	69.7	88	66	0	SSE	0	1	SSE	69.7	71.7	71.7
7/1/2021	1:30 AM	69.7	69.8	69.6	88	66	0	---	0	0	---	69.7	71.7	71.7
7/1/2021	1:45 AM	69.7	69.8	69.7	88	66	0	---	0	0	---	69.7	71.7	71.7
7/1/2021	2:00 AM	69.4	69.7	69.4	88	65.7	0	---	0	0	---	69.4	71.4	71.4
7/1/2021	2:15 AM	68.8	69.4	68.8	90	65.7	0	---	0	0	---	68.8	70.8	70.8
7/1/2021	2:30 AM	68.7	68.9	68.6	91	66	0	---	0	0	---	68.7	70.8	70.8
7/1/2021	2:45 AM	68.4	68.7	68.4	91	65.7	0	---	0	0	---	68.4	70.4	70.4
7/1/2021	3:00 AM	68.3	68.4	68.3	91	65.6	0	SSE	0	1	SSE	68.3	70.3	70.3
7/1/2021	3:15 AM	68.4	68.5	68.2	91	65.7	0	---	0	0	---	68.4	70.4	70.4
7/1/2021	3:30 AM	67.9	68.5	67.9	92	65.5	0	SSE	0	1	SSE	67.9	69.8	69.8
7/1/2021	3:45 AM	67.7	67.9	67.7	92	65.3	0	---	0	0	---	67.7	69.5	69.5
7/1/2021	4:00 AM	67.6	67.7	67.5	93	65.5	0	---	0	0	---	67.6	69.5	69.5
7/1/2021	4:15 AM	67.6	67.7	67.5	93	65.5	0	SSE	0	1	SSE	67.6	69.5	69.5
7/1/2021	4:30 AM	67	67.6	67	93	64.9	0	SSE	0	1	SSE	67	68.7	68.7
7/1/2021	4:45 AM	66.7	67	66.7	93	64.6	0	SSE	0	1	SSE	66.7	68.3	68.3
7/1/2021	5:00 AM	66.8	66.9	66.7	94	65	0	---	0	0	---	66.8	68.5	68.5
7/1/2021	5:15 AM	66.7	66.9	66.6	94	64.9	0	---	0	0	---	66.7	68.4	68.4
7/1/2021	5:30 AM	66.6	66.7	66.5	94	64.8	0	SSE	0	1	SSE	66.6	68.3	68.3
7/1/2021	5:45 AM	66.9	66.9	66.6	94	65.1	0	SSE	0	1	SSE	66.9	68.6	68.6
7/1/2021	6:00 AM	67.1	67.1	66.9	94	65.3	0	ESE	0	2	SE	67.1	68.9	68.9
7/1/2021	6:15 AM	67.1	67.2	67.1	93	65	0	---	0	0	---	67.1	68.8	68.8
7/1/2021	6:30 AM	66	67	66	94	64.2	0	ESE	0	2	ESE	66	67.5	67.5

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
6/30/2021	9:00 PM	29.67	0	0	0	0.141	91.9	46	68.2	96.5	8.31	0.0697	302	7	100	15
6/30/2021	9:15 PM	29.669	0	0	0	0.136	91.4	47	68.3	96.1	8.45	0.0697	297	7	100	15
6/30/2021	9:30 PM	29.674	0	0	0	0.128	90.8	47	67.8	95	8.45	0.0698	299	7	100	15
6/30/2021	9:45 PM	29.677	0	0	0	0.119	90.3	48	67.9	94.5	8.64	0.0699	301	7	100	15
6/30/2021	10:00 PM	29.682	0	0	0	0.11	89.9	48	67.6	93.8	8.65	0.07	299	7	100	15
6/30/2021	10:15 PM	29.687	0	0	0	0.107	89.4	49	67.7	93.3	8.85	0.0701	301	7	100	15
6/30/2021	10:30 PM	29.691	0	0	0	0.096	89	49	67.4	92.6	8.85	0.0701	298	7	100	15
6/30/2021	10:45 PM	29.689	0	0	0	0.091	88.5	50	67.5	92.1	9.05	0.0702	302	7	100	15
6/30/2021	11:00 PM	29.679	0	0	0	0.086	88.1	50	67.1	91.4	9.05	0.0702	300	7	100	15
6/30/2021	11:15 PM	29.673	0	0	0	0.082	87.6	50	66.7	90.6	9.05	0.0703	304	7	100	15
6/30/2021	11:30 PM	29.672	0	0	0	0.078	87.2	51	66.9	90.3	9.21	0.0704	299	7	100	15
6/30/2021	11:45 PM	29.675	0	0	0	0.07	86.9	51	66.6	89.8	9.21	0.0704	300	7	100	15
7/1/2021	12:00 AM	29.677	0	0	0	0.073	86.5	52	66.8	89.4	9.35	0.0705	299	7	100	15
7/1/2021	12:15 AM	29.67	0	0	0	0.06	86.1	52	66.4	88.8	9.35	0.0705	298	7	100	15
7/1/2021	12:30 AM	29.668	0	0	0	0.057	85.7	52	66	88.2	9.35	0.0706	303	7	100	15
7/1/2021	12:45 AM	29.663	0	0	0	0.053	85.5	53	66.4	88.1	9.54	0.0706	300	7	100	15
7/1/2021	1:00 AM	29.657	0	0	0	0.051	85.2	53	66.1	87.7	9.55	0.0706	301	7	100	15
7/1/2021	1:15 AM	29.656	0	0	0	0.049	84.9	53	65.9	87.2	9.55	0.0707	300	7	100	15
7/1/2021	1:30 AM	29.659	0	0	0	0.049	84.7	54	66.2	87.2	9.75	0.0707	296	7	99.7	15
7/1/2021	1:45 AM	29.657	0	0	0	0.049	84.4	54	65.9	86.7	9.75	0.0707	302	7	100	15
7/1/2021	2:00 AM	29.65	0	0	0	0.046	84.3	54	65.8	86.5	9.75	0.0707	302	7	100	15
7/1/2021	2:15 AM	29.653	0	0	0	0.04	84	55	66.1	86.3	9.85	0.0708	303	7	100	15
7/1/2021	2:30 AM	29.651	0	0	0	0.039	83.8	55	65.9	86	9.85	0.0708	301	7	100	15
7/1/2021	2:45 AM	29.651	0	0	0	0.035	83.5	55	65.6	85.6	9.85	0.0709	298	7	100	15
7/1/2021	3:00 AM	29.645	0	0	0	0.034	83.3	56	66	85.5	10.05	0.0708	301	7	100	15
7/1/2021	3:15 AM	29.641	0	0	0	0.035	83.2	56	65.9	85.3	10.05	0.0709	301	7	100	15
7/1/2021	3:30 AM	29.637	0	0	0	0.03	82.9	56	65.6	84.8	10.05	0.0709	301	7	100	15
7/1/2021	3:45 AM	29.635	0	0	0	0.028	82.7	56	65.4	84.5	10.05	0.0709	296	7	99.7	15
7/1/2021	4:00 AM	29.632	0	0	0	0.027	82.5	56	65.2	84.2	10.05	0.071	303	7	100	15
7/1/2021	4:15 AM	29.63	0	0	0	0.027	82.4	57	65.6	84.3	10.2	0.0709	296	7	99.7	15
7/1/2021	4:30 AM	29.627	0	0	0	0.021	82.1	57	65.4	83.8	10.19	0.071	300	7	100	15
7/1/2021	4:45 AM	29.625	0	0	0	0.018	81.9	57	65.2	83.5	10.19	0.071	300	7	100	15
7/1/2021	5:00 AM	29.621	0	0	0	0.019	81.8	57	65.1	83.4	10.19	0.071	302	7	100	15
7/1/2021	5:15 AM	29.625	0	0	0	0.018	81.6	58	65.4	83.3	10.35	0.0711	298	7	100	15
7/1/2021	5:30 AM	29.623	0	0	0	0.017	81.4	58	65.2	83	10.35	0.0711	302	7	100	15
7/1/2021	5:45 AM	29.628	0	0	0	0.02	81.4	58	65.2	83	10.35	0.0711	300	7	100	15
7/1/2021	6:00 AM	29.632	0	0	0	0.022	81.3	58	65.1	82.8	10.35	0.0711	302	7	100	15
7/1/2021	6:15 AM	29.633	0	0	0	0.022	81.2	59	65.5	82.9	10.55	0.0711	304	7	100	15
7/1/2021	6:30 AM	29.632	0	0	0	0.01	81	59	65.3	82.6	10.55	0.0712	300	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/1/2021	6:45 AM	65.8	66	65.6	96	64.6	0	ESE	0	1	ESE	65.8	67.5	67.5
7/1/2021	7:00 AM	66.5	66.5	65.8	95	65	0	ESE	0	1	ESE	66.5	68.2	68.2
7/1/2021	7:15 AM	66.5	66.6	66.4	95	65	0	ESE	0	1	ESE	66.5	68.2	68.2
7/1/2021	7:30 AM	66.9	66.9	66.5	95	65.4	0	ESE	0	1	ESE	66.9	68.7	68.7
7/1/2021	7:45 AM	68.7	68.7	66.9	92	66.3	0	NNW	0	3	NNW	68.7	70.9	70.9
7/1/2021	8:00 AM	70.8	70.8	68.7	89	67.4	1	W	0.25	3	SSE	70.8	72.8	72.8
7/1/2021	8:15 AM	72.1	72.1	70.8	85	67.3	1	W	0.25	3	SSW	72.1	73.9	73.9
7/1/2021	8:30 AM	72.1	72.1	71.9	86	67.7	0	NNW	0	2	W	72.1	74	74
7/1/2021	8:45 AM	73.3	73.3	72.1	86	68.9	1	S	0.25	3	NNW	73.3	75.3	75.3
7/1/2021	9:00 AM	74.1	74.1	73.4	83	68.6	1	SW	0.25	4	S	74.1	76.2	76.2
7/1/2021	9:15 AM	74.7	74.7	74	82	68.8	1	SSW	0.25	6	S	74.7	76.9	76.9
7/1/2021	9:30 AM	75.3	75.3	74.7	82	69.4	1	SSE	0.25	5	SSE	75.3	77.6	77.6
7/1/2021	9:45 AM	75.8	75.8	75.2	80	69.2	2	W	0.5	4	S	75.8	78.1	78.1
7/1/2021	10:00 AM	75.6	75.8	75.5	83	70.1	1	NNW	0.25	4	NNW	75.6	78.1	78.1
7/1/2021	10:15 AM	75.2	75.6	75.1	81	69	2	SSE	0.5	6	SSE	75.2	77.4	77.4
7/1/2021	10:30 AM	76.7	76.7	75.1	80	70.1	1	W	0.25	5	SSE	76.7	79.3	79.3
7/1/2021	10:45 AM	77.7	77.7	76.7	80	71	1	W	0.25	4	NW	77.7	80.8	80.8
7/1/2021	11:00 AM	77.9	78.2	77.7	76	69.7	2	S	0.5	4	WNW	77.9	80.7	80.7
7/1/2021	11:15 AM	78.2	78.3	77.8	75	69.6	1	WSW	0.25	7	SSE	78.2	81	81
7/1/2021	11:30 AM	78.5	78.5	78.1	76	70.3	2	SW	0.5	9	S	78.5	81.6	81.6
7/1/2021	11:45 AM	79.5	79.6	78.5	74	70.5	2	WSW	0.5	4	NW	79.5	83	83
7/1/2021	12:00 PM	79.5	80.1	79.4	75	70.9	1	NNW	0.25	6	S	79.5	83.2	83.2
7/1/2021	12:15 PM	78	79.4	77.9	78	70.6	1	NW	0.25	3	NW	78	81.1	81.1
7/1/2021	12:30 PM	80.6	80.6	78.1	73	71.1	1	WNW	0.25	4	NNW	80.6	84.8	84.8
7/1/2021	12:45 PM	82	82	80.6	71	71.7	2	SSW	0.5	5	SSE	82	87	87
7/1/2021	1:00 PM	81.4	82	81.4	73	71.9	2	WSW	0.5	6	W	81.4	86.3	86.3
7/1/2021	1:15 PM	81.1	81.4	81	69	70	2	NW	0.5	7	SE	81.1	84.8	84.8
7/1/2021	1:30 PM	81.7	81.8	80.9	69	70.5	2	WSW	0.5	6	W	81.7	85.9	85.9
7/1/2021	1:45 PM	82.2	82.2	81.6	68	70.6	2	NW	0.5	7	WNW	82.2	86.6	86.6
7/1/2021	2:00 PM	82.6	82.6	81.8	67	70.5	2	W	0.5	9	NNW	82.6	87	87
7/1/2021	2:15 PM	83.1	83.1	82.6	64	69.7	3	WNW	0.75	9	NNW	83.1	87.1	87.1
7/1/2021	2:30 PM	85.3	85.6	83.1	60	69.8	3	W	0.75	8	SE	85.3	89.9	89.9
7/1/2021	2:45 PM	86.4	86.4	85.3	56	68.8	3	W	0.75	9	N	86.4	90.6	90.6
7/1/2021	3:00 PM	85.3	86.4	85.2	60	69.8	3	NW	0.75	9	W	85.3	89.9	89.9
7/1/2021	3:15 PM	83.4	85.2	83.4	61	68.5	2	W	0.5	7	SE	83.4	86.8	86.8
7/1/2021	3:30 PM	82.9	83.4	82.9	61	68.1	2	WSW	0.5	9	NW	82.9	85.9	85.9
7/1/2021	3:45 PM	80.2	82.9	80.2	73	70.8	1	WSW	0.25	6	WNW	80.2	84.1	84.1
7/1/2021	4:00 PM	75.5	80.1	75.4	83	70	2	WNW	0.5	10	W	75.5	77.9	77.9
7/1/2021	4:15 PM	75.2	75.4	75.1	83	69.7	1	WNW	0.25	4	N	75.2	77.6	77.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/1/2021	6:45 AM	29.636	0	0	0	0.008	80.8	59	65.1	82.3	10.55	0.0712	300	7	100	15
7/1/2021	7:00 AM	29.637	0	0	0	0.016	80.8	59	65.1	82.3	10.55	0.0712	301	7	100	15
7/1/2021	7:15 AM	29.64	0	0	0	0.016	80.8	59	65.1	82.3	10.55	0.0712	303	7	100	15
7/1/2021	7:30 AM	29.638	0	0	0	0.02	80.9	59	65.2	82.4	10.55	0.0712	303	7	100	15
7/1/2021	7:45 AM	29.636	0	0	0	0.039	81.1	60	65.9	82.8	10.75	0.0711	302	7	100	15
7/1/2021	8:00 AM	29.632	0	0	0	0.06	81.6	60	66.4	83.6	10.75	0.071	299	7	100	15
7/1/2021	8:15 AM	29.629	0	0	0	0.074	82.2	60	66.9	84.5	10.75	0.0709	302	7	100	15
7/1/2021	8:30 AM	29.632	0	0	0	0.074	82.5	63	68.6	85.8	11.3	0.0708	303	7	100	15
7/1/2021	8:45 AM	29.634	0	0	0	0.086	81.5	61	66.8	83.7	10.95	0.071	305	7	100	15
7/1/2021	9:00 AM	29.631	0	0	0	0.095	81.6	62	67.3	84	11.12	0.071	302	7	100	15
7/1/2021	9:15 AM	29.631	0	0	0	0.101	81.4	64	68.1	84.2	11.52	0.0709	298	7	100	15
7/1/2021	9:30 AM	29.627	0	0	0	0.107	81.4	65	68.5	84.4	11.72	0.0709	300	7	100	15
7/1/2021	9:45 AM	29.629	0	0	0	0.113	82.8	64	69.4	86.6	11.49	0.0707	280	7	94.3	15
7/1/2021	10:00 AM	29.625	0	0	0	0.11	83.9	63	70	88.3	11.27	0.0705	282	7	94.9	15
7/1/2021	10:15 AM	29.62	0	0	0	0.106	84.5	61	69.6	88.7	10.95	0.0704	292	7	98.3	15
7/1/2021	10:30 AM	29.618	0	0	0	0.122	85.4	61	70.4	90.4	10.93	0.0702	298	7	100	15
7/1/2021	10:45 AM	29.617	0	0	0	0.132	86.9	59	70.8	92.6	10.51	0.07	301	7	100	15
7/1/2021	11:00 AM	29.613	0	0	0	0.134	87.8	58	71.2	94.1	10.29	0.0699	303	7	100	15
7/1/2021	11:15 AM	29.61	0	0	0	0.137	88	57	70.9	94	10.13	0.0699	300	7	100	15
7/1/2021	11:30 AM	29.609	0	0	0	0.141	88.6	57	71.4	95.3	10.11	0.0698	307	7	100	15
7/1/2021	11:45 AM	29.606	0	0	0	0.151	89.5	56	71.7	96.7	9.96	0.0696	302	7	100	15
7/1/2021	12:00 PM	29.6	0	0	0	0.151	89.9	55	71.6	97	9.75	0.0696	305	7	100	15
7/1/2021	12:15 PM	29.592	0	0	0	0.135	89.2	56	71.5	96	9.97	0.0696	304	7	100	15
7/1/2021	12:30 PM	29.572	0	0	0	0.162	90.1	56	72.3	97.9	9.95	0.0694	304	7	100	15
7/1/2021	12:45 PM	29.564	0	0	0	0.177	91.3	54	72.3	99.5	9.6	0.0692	301	7	100	15
7/1/2021	1:00 PM	29.559	0	0	0	0.171	91.6	54	72.6	100.1	9.59	0.0692	302	7	100	15
7/1/2021	1:15 PM	29.551	0	0	0	0.168	91.7	54	72.7	100.3	9.58	0.0691	302	7	100	15
7/1/2021	1:30 PM	29.542	0	0	0	0.174	92.1	52	71.9	100.1	9.27	0.0691	301	7	100	15
7/1/2021	1:45 PM	29.535	0	0	0	0.179	92.6	52	72.4	101.2	9.25	0.069	304	7	100	15
7/1/2021	2:00 PM	29.528	0	0	0	0.183	92.9	51	72.1	101.2	9.09	0.069	305	7	100	15
7/1/2021	2:15 PM	29.517	0	0	0	0.189	93.4	49	71.4	101.1	8.78	0.0689	303	7	100	15
7/1/2021	2:30 PM	29.502	0	0	0	0.211	94.7	49	72.6	104	8.76	0.0687	301	7	100	15
7/1/2021	2:45 PM	29.499	0	0	0	0.223	95.8	47	72.3	105.1	8.42	0.0685	305	7	100	15
7/1/2021	3:00 PM	29.501	0	0	0	0.211	96	46	71.9	104.9	8.23	0.0685	299	7	100	15
7/1/2021	3:15 PM	29.494	0	0	0	0.192	95.3	45	70.6	102.7	8.14	0.0687	303	7	100	15
7/1/2021	3:30 PM	29.478	0	0	0	0.186	94.7	46	70.7	102	8.26	0.0687	303	7	100	15
7/1/2021	3:45 PM	29.488	0.06	3.89	0	0.158	93.5	48	70.9	100.8	8.58	0.0689	304	7	100	15
7/1/2021	4:00 PM	29.485	0.01	0.18	0	0.109	91.1	51	70.5	97.4	9.13	0.0692	305	7	100	15
7/1/2021	4:15 PM	29.484	0.01	0.07	0	0.106	90.1	54	71.2	96.9	9.65	0.0693	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/1/2021	4:30 PM	71.7	75.2	71.7	89	68.3	2	NW	0.5	10	W	71.7	73.7	73.7
7/1/2021	4:45 PM	71.1	71.6	70.9	89	67.7	1	ENE	0.25	4	NE	71.1	73.1	73.1
7/1/2021	5:00 PM	71.9	72	71	90	68.8	1	NE	0.25	7	ENE	71.9	74	74
7/1/2021	5:15 PM	70.9	71.9	70.9	92	68.5	1	N	0.25	4	ENE	70.9	73.2	73.2
7/1/2021	5:30 PM	69.7	70.9	69.7	91	67	2	WNW	0.5	10	NE	69.7	71.9	71.9
7/1/2021	5:45 PM	69.8	69.9	69.4	94	68	1	S	0.25	4	SSE	69.8	72.3	72.3
7/1/2021	6:00 PM	70.5	70.5	69.8	94	68.7	0	SW	0	2	SW	70.5	73	73
7/1/2021	6:15 PM	71	71	70.5	94	69.2	0	S	0	3	SSW	71	73.5	73.5
7/1/2021	6:30 PM	71.1	71.2	71	93	69	1	NW	0.25	4	NW	71.1	73.5	73.5
7/1/2021	6:45 PM	71.2	71.3	71	93	69.1	0	SSE	0	2	W	71.2	73.6	73.6
7/1/2021	7:00 PM	71.3	71.3	71.2	93	69.2	0	SSE	0	1	SSE	71.3	73.7	73.7
7/1/2021	7:15 PM	71.4	71.4	71.3	95	69.9	0	SSE	0	1	SSE	71.4	74	74
7/1/2021	7:30 PM	71	71.4	71	93	68.9	1	SW	0.25	9	W	71	73.4	73.4
7/1/2021	7:45 PM	69.4	71	69.4	92	67	2	S	0.5	7	SSE	69.4	71.7	71.7
7/1/2021	8:00 PM	68.4	69.4	68.4	94	66.6	1	SSW	0.25	3	SSE	68.4	70.6	70.6
7/1/2021	8:15 PM	68.1	68.5	68.1	95	66.6	0	W	0	4	SW	68.1	70.2	70.2
7/1/2021	8:30 PM	68	68.2	67.9	95	66.5	1	SSW	0.25	3	SW	68	70.1	70.1
7/1/2021	8:45 PM	67.9	68	67.9	96	66.7	1	SSE	0.25	5	S	67.9	70.2	70.2
7/1/2021	9:00 PM	67.9	67.9	67.8	96	66.7	0	SSE	0	1	S	67.9	70.2	70.2
7/1/2021	9:15 PM	67.9	67.9	67.8	97	67	1	NW	0.25	3	NW	67.9	70.3	70.3
7/1/2021	9:30 PM	67.9	68	67.9	97	67	0	S	0	2	SSE	67.9	70.3	70.3
7/1/2021	9:45 PM	67.9	68	67.9	97	67	0	SSW	0	3	SW	67.9	70.3	70.3
7/1/2021	10:00 PM	67.9	68	67.9	97	67	0	SSW	0	2	SSW	67.9	70.3	70.3
7/1/2021	10:15 PM	68	68.1	67.9	97	67.1	0	S	0	2	WSW	68	70.5	70.5
7/1/2021	10:30 PM	67.9	68	67.9	97	67	1	SSW	0.25	3	NW	67.9	70.3	70.3
7/1/2021	10:45 PM	67.9	67.9	67.9	97	67	1	NNW	0.25	3	NNW	67.9	70.3	70.3
7/1/2021	11:00 PM	67.9	67.9	67.8	97	67	0	N	0	3	NNW	67.9	70.3	70.3
7/1/2021	11:15 PM	68	68	67.9	97	67.1	0	NNW	0	2	NNW	68	70.5	70.5
7/1/2021	11:30 PM	68	68	67.9	97	67.1	0	ENE	0	3	SSE	68	70.5	70.5
7/1/2021	11:45 PM	68	68.1	68	97	67.1	1	NW	0.25	3	SSW	68	70.5	70.5
7/2/2021	12:00 AM	68	68.1	67.9	97	67.1	1	NNW	0.25	3	WNW	68	70.5	70.5
7/2/2021	12:15 AM	68	68	67.9	97	67.1	1	NW	0.25	3	SSE	68	70.5	70.5
7/2/2021	12:30 AM	68	68	67.9	97	67.1	1	NW	0.25	5	N	68	70.5	70.5
7/2/2021	12:45 AM	67.8	68	67.8	97	66.9	1	SSE	0.25	5	SSE	67.8	70.2	70.2
7/2/2021	1:00 AM	67.6	67.9	67.6	97	66.7	1	WNW	0.25	6	W	67.6	69.9	69.9
7/2/2021	1:15 AM	67.6	67.7	67.6	97	66.7	1	WNW	0.25	4	WNW	67.6	69.9	69.9
7/2/2021	1:30 AM	67.4	67.6	67.4	97	66.5	1	S	0.25	5	SSE	67.4	69.7	69.7
7/2/2021	1:45 AM	67.3	67.5	67.3	97	66.4	1	S	0.25	8	S	67.3	69.6	69.6
7/2/2021	2:00 AM	67.2	67.3	67.1	98	66.6	2	NW	0.5	7	NW	67.2	69.6	69.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/1/2021	4:30 PM	29.502	0.22	6.78	0	0.07	88.5	54	69.7	93.7	9.68	0.0696	304	7	100	15
7/1/2021	4:45 PM	29.492	0.03	0.86	0	0.064	87.3	56	69.7	92.3	10	0.0697	304	7	100	15
7/1/2021	5:00 PM	29.488	0	0	0	0.072	87	58	70.4	92.4	10.31	0.0697	306	7	100	15
7/1/2021	5:15 PM	29.501	0.03	0.22	0	0.061	86.1	58	69.6	90.7	10.33	0.0699	302	7	100	15
7/1/2021	5:30 PM	29.502	0.36	5.59	0	0.049	85.2	59	69.3	89.4	10.55	0.0701	304	7	100	15
7/1/2021	5:45 PM	29.502	0	0.04	0	0.05	84.1	60	68.7	87.7	10.75	0.0702	305	7	100	15
7/1/2021	6:00 PM	29.499	0	0	0	0.057	84.1	61	69.2	88	10.95	0.0702	304	7	100	15
7/1/2021	6:15 PM	29.504	0	0	0	0.063	83.8	62	69.4	87.8	11.07	0.0702	305	7	100	15
7/1/2021	6:30 PM	29.504	0	0	0	0.064	83.9	63	70	88.3	11.27	0.0702	305	7	100	15
7/1/2021	6:45 PM	29.503	0	0	0	0.065	84	63	70	88.5	11.27	0.0702	303	7	100	15
7/1/2021	7:00 PM	29.501	0	0	0	0.066	83.7	63	69.8	87.9	11.28	0.0702	307	7	100	15
7/1/2021	7:15 PM	29.515	0	0	0	0.067	83.5	64	70	87.8	11.48	0.0703	305	7	100	15
7/1/2021	7:30 PM	29.523	0	0	0	0.063	83.4	65	70.4	88	11.68	0.0703	304	7	100	15
7/1/2021	7:45 PM	29.516	0	0	0	0.046	82.8	63	68.9	86.3	11.29	0.0704	304	7	100	15
7/1/2021	8:00 PM	29.518	0.01	0	0	0.035	82.2	63	68.3	85.3	11.31	0.0705	305	7	100	15
7/1/2021	8:15 PM	29.522	0.01	0	0	0.032	81.6	63	67.8	84.3	11.32	0.0707	305	7	100	15
7/1/2021	8:30 PM	29.523	0.02	0.13	0	0.031	81.2	64	67.9	83.8	11.53	0.0707	305	7	100	15
7/1/2021	8:45 PM	29.518	0	0	0	0.03	80.8	64	67.5	83.2	11.53	0.0708	303	7	100	15
7/1/2021	9:00 PM	29.513	0.01	0	0	0.03	80.7	65	67.8	83.2	11.74	0.0708	304	7	100	15
7/1/2021	9:15 PM	29.514	0	0	0	0.03	80.5	65	67.6	82.9	11.74	0.0708	301	7	100	15
7/1/2021	9:30 PM	29.505	0.11	1.02	0	0.03	80.5	65	67.6	82.9	11.74	0.0708	307	7	100	15
7/1/2021	9:45 PM	29.504	0.02	0.36	0	0.03	80.2	66	67.8	82.7	11.95	0.0708	304	7	100	15
7/1/2021	10:00 PM	29.509	0	0	0	0.03	80.1	66	67.7	82.5	11.95	0.0708	304	7	100	15
7/1/2021	10:15 PM	29.517	0	0	0	0.031	80.1	66	67.7	82.5	11.95	0.0709	303	7	100	15
7/1/2021	10:30 PM	29.521	0.02	0.13	0	0.03	80.1	66	67.7	82.5	11.95	0.0709	303	7	100	15
7/1/2021	10:45 PM	29.517	0.02	0.08	0	0.03	80	66	67.6	82.4	11.95	0.0709	304	7	100	15
7/1/2021	11:00 PM	29.515	0	0.04	0	0.03	79.9	67	68	82.4	12.15	0.0709	305	7	100	15
7/1/2021	11:15 PM	29.511	0.02	0.08	0	0.031	79.9	67	68	82.4	12.15	0.0709	306	7	100	15
7/1/2021	11:30 PM	29.509	0.01	0.08	0	0.031	79.8	67	67.9	82.3	12.15	0.0709	305	7	100	15
7/1/2021	11:45 PM	29.504	0.04	0.2	0	0.031	79.8	67	67.9	82.3	12.15	0.0709	300	7	100	15
7/2/2021	12:00 AM	29.499	0.06	0.35	0	0.031	79.7	68	68.2	82.3	12.36	0.0708	306	7	100	15
7/2/2021	12:15 AM	29.498	0.02	0.13	0	0.031	79.6	68	68.1	82.1	12.37	0.0708	302	7	100	15
7/2/2021	12:30 AM	29.492	0.03	0.09	0	0.031	79.7	68	68.2	82.3	12.36	0.0708	301	7	100	15
7/2/2021	12:45 AM	29.49	0.01	0.09	0	0.029	79.6	68	68.1	82.1	12.37	0.0708	306	7	100	15
7/2/2021	1:00 AM	29.486	0.05	0.76	0	0.027	79.5	68	68	82	12.37	0.0708	305	7	100	15
7/2/2021	1:15 AM	29.482	0.03	0.2	0	0.027	79.3	68	67.8	81.6	12.38	0.0709	305	7	100	15
7/2/2021	1:30 AM	29.468	0.03	0.15	0	0.025	79.2	68	67.7	81.5	12.38	0.0709	303	7	100	15
7/2/2021	1:45 AM	29.466	0.05	0.32	0	0.024	79	68	67.5	81.2	12.39	0.0709	305	7	100	15
7/2/2021	2:00 AM	29.474	0.17	2.74	0	0.023	78.8	68	67.3	80.9	12.4	0.0709	305	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/2/2021	2:15 AM	67.2	67.3	67.2	97	66.3	1	W	0.25	8	NW	67.2	69.4	69.4
7/2/2021	2:30 AM	67	67.2	67	96	65.8	1	N	0.25	4	N	67	69	69
7/2/2021	2:45 AM	66.7	67	66.6	96	65.5	0	NNW	0	2	NNW	66.7	68.6	68.6
7/2/2021	3:00 AM	66.3	66.7	66.3	96	65.1	0	N	0	2	N	66.3	68.1	68.1
7/2/2021	3:15 AM	66.1	66.3	66	96	64.9	0	E	0	2	ENE	66.1	67.9	67.9
7/2/2021	3:30 AM	65.8	66.1	65.8	97	64.9	0	E	0	1	E	65.8	67.7	67.7
7/2/2021	3:45 AM	65.6	65.8	65.6	97	64.7	0	E	0	2	E	65.6	67.4	67.4
7/2/2021	4:00 AM	65.5	65.6	65.4	97	64.6	0	E	0	1	E	65.5	67.3	67.3
7/2/2021	4:15 AM	65.4	65.5	65.4	97	64.5	1	N	0.25	2	ENE	65.4	67.2	67.2
7/2/2021	4:30 AM	65.4	65.4	65.3	97	64.5	0	N	0	2	N	65.4	67.2	67.2
7/2/2021	4:45 AM	65.4	65.4	65.3	97	64.5	0	ENE	0	2	NE	65.4	67.2	67.2
7/2/2021	5:00 AM	65.3	65.5	65.3	97	64.4	0	ENE	0	2	ENE	65.3	67.1	67.1
7/2/2021	5:15 AM	65.2	65.4	65.2	97	64.3	0	E	0	1	E	65.2	67	67
7/2/2021	5:30 AM	65.1	65.3	65.1	97	64.2	0	---	0	0	---	65.1	66.8	66.8
7/2/2021	5:45 AM	65.1	65.2	65	97	64.2	0	---	0	0	---	65.1	66.8	66.8
7/2/2021	6:00 AM	65	65.1	65	97	64.1	0	E	0	1	E	65	66.7	66.7
7/2/2021	6:15 AM	65	65	64.9	97	64.1	0	---	0	0	---	65	66.7	66.7
7/2/2021	6:30 AM	65.2	65.2	65	98	64.6	0	E	0	1	E	65.2	67.1	67.1
7/2/2021	6:45 AM	65.3	65.3	65.2	98	64.7	0	E	0	1	ENE	65.3	67.2	67.2
7/2/2021	7:00 AM	65.2	65.3	65.1	97	64.3	0	ESE	0	2	S	65.2	67	67
7/2/2021	7:15 AM	65.3	65.4	65.1	98	64.7	0	---	0	0	---	65.3	67.2	67.2
7/2/2021	7:30 AM	65.6	65.6	65.3	98	65	0	N	0	2	WNW	65.6	67.6	67.6
7/2/2021	7:45 AM	65.6	65.7	65.5	97	64.7	0	NNW	0	1	NNW	65.6	67.4	67.4
7/2/2021	8:00 AM	65.7	65.7	65.5	97	64.8	0	NNW	0	1	NNW	65.7	67.6	67.6
7/2/2021	8:15 AM	65.8	65.8	65.7	97	64.9	0	NNW	0	1	NNW	65.8	67.7	67.7
7/2/2021	8:30 AM	65.9	65.9	65.7	97	65	0	NNW	0	1	NNW	65.9	67.8	67.8
7/2/2021	8:45 AM	65.9	66	65.8	96	64.7	0	---	0	0	---	65.9	67.6	67.6
7/2/2021	9:00 AM	66.1	66.1	65.8	96	64.9	0	NNW	0	1	NNW	66.1	67.9	67.9
7/2/2021	9:15 AM	66.9	66.9	66.1	95	65.4	0	NW	0	3	NW	66.9	68.7	68.7
7/2/2021	9:30 AM	67.3	67.3	66.9	92	64.9	1	WNW	0.25	4	WNW	67.3	69.1	69.1
7/2/2021	9:45 AM	67.5	67.5	67.3	89	64.1	1	NNW	0.25	4	NNW	67.5	69.1	69.1
7/2/2021	10:00 AM	68.1	68.1	67.5	88	64.4	2	NE	0.5	6	N	68.1	69.8	69.8
7/2/2021	10:15 AM	68.3	68.3	68.1	91	65.6	1	W	0.25	3	ENE	68.3	70.3	70.3
7/2/2021	10:30 AM	68.5	68.5	68.2	87	64.5	0	W	0	2	W	68.5	70.2	70.2
7/2/2021	10:45 AM	69	69	68.5	85	64.3	1	WNW	0.25	2	WNW	69	70.8	70.8
7/2/2021	11:00 AM	69.7	69.8	69.1	86	65.3	1	W	0.25	3	SW	69.7	71.5	71.5
7/2/2021	11:15 AM	70.7	70.7	69.7	84	65.6	1	SW	0.25	2	SW	70.7	72.4	72.4
7/2/2021	11:30 AM	70.3	71.1	70.2	80	63.8	1	WSW	0.25	6	W	70.3	71.7	71.7
7/2/2021	11:45 AM	71.4	71.4	70.2	77	63.8	2	WNW	0.5	7	N	71.4	72.6	72.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/2/2021	2:15 AM	29.472	0.2	2.58	0	0.023	78.7	68	67.2	80.7	12.4	0.071	305	7	100	15
7/2/2021	2:30 AM	29.47	0.02	0.13	0	0.021	78.7	68	67.2	80.7	12.4	0.0709	303	7	100	15
7/2/2021	2:45 AM	29.472	0.02	0.08	0	0.018	78.6	68	67.2	80.6	12.41	0.071	304	7	100	15
7/2/2021	3:00 AM	29.471	0.03	0.19	0	0.014	78.3	67	66.4	80	12.18	0.071	302	7	100	15
7/2/2021	3:15 AM	29.474	0.04	0.31	0	0.011	78.1	67	66.2	79.7	12.19	0.0711	302	7	100	15
7/2/2021	3:30 AM	29.472	0.03	0.31	0	0.008	77.8	67	66	79.3	12.19	0.0711	304	7	100	15
7/2/2021	3:45 AM	29.47	0.03	0.23	0	0.006	77.9	67	66.1	79.5	12.19	0.0711	304	7	100	15
7/2/2021	4:00 AM	29.454	0.04	0.17	0	0.005	77.6	67	65.8	79.1	12.2	0.0711	304	7	100	15
7/2/2021	4:15 AM	29.456	0.01	0.13	0	0.004	77.5	68	66.1	79.1	12.45	0.0711	304	7	100	15
7/2/2021	4:30 AM	29.465	0	0	0	0.004	77.5	68	66.1	79.1	12.45	0.0712	301	7	100	15
7/2/2021	4:45 AM	29.461	0	0	0	0.004	77.4	68	66	78.9	12.45	0.0712	301	7	100	15
7/2/2021	5:00 AM	29.462	0	0	0	0.003	77.3	68	65.9	78.8	12.46	0.0712	307	7	100	15
7/2/2021	5:15 AM	29.457	0	0	0	0.002	77.1	68	65.7	78.5	12.47	0.0712	304	7	100	15
7/2/2021	5:30 AM	29.461	0	0	0	0.001	77	68	65.6	78.4	12.47	0.0712	301	7	100	15
7/2/2021	5:45 AM	29.469	0	0	0	0.001	76.8	68	65.4	78.2	12.48	0.0713	304	7	100	15
7/2/2021	6:00 AM	29.473	0	0	0	0	76.8	68	65.4	78.2	12.48	0.0713	305	7	100	15
7/2/2021	6:15 AM	29.49	0	0	0	0	76.5	69	65.6	77.9	12.69	0.0714	304	7	100	15
7/2/2021	6:30 AM	29.489	0	0	0	0.002	76.7	69	65.8	78.1	12.68	0.0713	302	7	100	15
7/2/2021	6:45 AM	29.486	0	0	0	0.003	76.8	69	65.9	78.3	12.68	0.0713	305	7	100	15
7/2/2021	7:00 AM	29.495	0	0	0	0.002	76.6	69	65.7	78	12.69	0.0714	304	7	100	15
7/2/2021	7:15 AM	29.497	0	0	0	0.003	76.8	69	65.9	78.3	12.68	0.0713	301	7	100	15
7/2/2021	7:30 AM	29.498	0	0	0	0.006	76.9	69	66	78.4	12.67	0.0713	303	7	100	15
7/2/2021	7:45 AM	29.508	0	0	0	0.006	77	69	66	78.5	12.67	0.0713	302	7	100	15
7/2/2021	8:00 AM	29.515	0	0	0	0.007	77.1	69	66.1	78.6	12.67	0.0713	306	7	100	15
7/2/2021	8:15 AM	29.524	0	0	0	0.008	77.1	69	66.1	78.6	12.67	0.0714	307	7	100	15
7/2/2021	8:30 AM	29.523	0	0	0	0.009	77.1	69	66.1	78.6	12.67	0.0714	306	7	100	15
7/2/2021	8:45 AM	29.527	0	0	0	0.009	77.1	69	66.1	78.6	12.67	0.0714	306	7	100	15
7/2/2021	9:00 AM	29.527	0	0	0	0.011	77.1	69	66.1	78.6	12.67	0.0714	305	7	100	15
7/2/2021	9:15 AM	29.525	0	0	0	0.02	77.5	69	66.5	79.2	12.65	0.0713	304	7	100	15
7/2/2021	9:30 AM	29.52	0	0	0	0.024	78.1	68	66.7	79.9	12.43	0.0712	306	7	100	15
7/2/2021	9:45 AM	29.518	0	0	0	0.026	78.5	66	66.2	80.2	11.98	0.0712	303	7	100	15
7/2/2021	10:00 AM	29.518	0	0	0	0.032	79	66	66.7	80.9	11.97	0.0711	305	7	100	15
7/2/2021	10:15 AM	29.518	0	0	0	0.034	79.1	66	66.8	81	11.97	0.071	301	7	100	15
7/2/2021	10:30 AM	29.515	0	0	0	0.036	79	67	67.1	81	12.17	0.071	304	7	100	15
7/2/2021	10:45 AM	29.513	0	0	0	0.042	79.5	65	66.7	81.4	11.76	0.071	304	7	100	15
7/2/2021	11:00 AM	29.514	0	0	0	0.049	80.5	64	67.2	82.8	11.54	0.0708	303	7	100	15
7/2/2021	11:15 AM	29.51	0	0	0	0.059	81	64	67.7	83.5	11.53	0.0707	301	7	100	15
7/2/2021	11:30 AM	29.517	0	0	0	0.055	81.7	62	67.4	84.2	11.12	0.0707	305	7	100	15
7/2/2021	11:45 AM	29.518	0	0	0	0.067	82.4	61	67.6	85.1	10.95	0.0706	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/2/2021	12:00 PM	72.1	72.4	71.3	82	66.3	2	ENE	0.5	8	E	72.1	73.7	73.7
7/2/2021	12:15 PM	73.3	73.3	72.1	71	63.3	2	W	0.5	6	W	73.3	74.3	74.3
7/2/2021	12:30 PM	74.9	74.9	73.3	72	65.3	2	NE	0.5	6	E	74.9	76.3	76.3
7/2/2021	12:45 PM	75.6	75.9	74.9	65	63	2	WNW	0.5	8	WSW	75.6	76.5	76.5
7/2/2021	1:00 PM	74.8	75.6	74.2	63	61.4	2	N	0.5	5	ENE	74.8	75.4	75.4
7/2/2021	1:15 PM	74	75.3	74	64	61	2	N	0.5	9	NNE	74	74.7	74.7
7/2/2021	1:30 PM	75.8	75.8	73.7	67	64.1	3	WSW	0.75	10	NE	75.8	76.9	76.9
7/2/2021	1:45 PM	76.4	76.5	75.8	58	60.5	3	E	0.75	10	ENE	76.4	76.8	76.8
7/2/2021	2:00 PM	75.6	76.9	75.6	58	59.8	3	NNE	0.75	8	ENE	75.6	76	76
7/2/2021	2:15 PM	76.9	76.9	75.1	56	60	4	W	1	11	W	76.9	77.2	77.2
7/2/2021	2:30 PM	78.2	78.2	76.9	51	58.6	2	WSW	0.5	12	NW	78.2	78.3	78.3
7/2/2021	2:45 PM	78.2	78.3	77.5	57	61.7	2	W	0.5	10	ENE	78.2	78.7	78.7
7/2/2021	3:00 PM	79.2	79.2	78.2	51	59.5	2	W	0.5	10	NE	79.2	79.3	79.3
7/2/2021	3:15 PM	78.3	79.3	78.3	59	62.8	3	W	0.75	9	NNW	78.3	79	79
7/2/2021	3:30 PM	78.6	78.6	78.2	56	61.6	2	NW	0.5	6	W	78.6	79.1	79.1
7/2/2021	3:45 PM	77.7	79	77.7	56	60.8	3	W	0.75	9	NNW	77.7	78	78
7/2/2021	4:00 PM	76.5	77.7	76.4	58	60.6	3	ENE	0.75	11	ENE	76.5	76.9	76.9
7/2/2021	4:15 PM	78.2	78.2	76.5	54	60.2	3	ENE	0.75	9	E	78.2	78.5	78.5
7/2/2021	4:30 PM	76.7	78.2	76.7	56	59.8	3	NW	0.75	9	NW	76.7	77	77
7/2/2021	4:45 PM	75.6	76.7	75.6	61	61.2	2	WNW	0.5	4	W	75.6	76.1	76.1
7/2/2021	5:00 PM	76	76.1	75.5	62	62	3	NE	0.75	12	NNW	76	76.7	76.7
7/2/2021	5:15 PM	75.1	76	75.1	58	59.3	6	WNW	1.5	19	NW	75.1	75.4	75.4
7/2/2021	5:30 PM	75.7	75.8	75.1	58	59.9	5	W	1.25	11	N	75.7	76.1	76.1
7/2/2021	5:45 PM	75.3	76	75.3	58	59.5	5	NW	1.25	12	ESE	75.3	75.6	75.6
7/2/2021	6:00 PM	75.4	75.6	75.3	54	57.6	4	NW	1	10	ENE	75.4	75.5	75.5
7/2/2021	6:15 PM	75.5	75.7	75.4	56	58.7	4	NW	1	11	NNE	75.5	75.8	75.8
7/2/2021	6:30 PM	75.5	75.9	75.5	55	58.2	4	ENE	1	12	ESE	75.5	75.7	75.7
7/2/2021	6:45 PM	75	75.5	75	55	57.7	4	ENE	1	11	NW	75	75.2	75.2
7/2/2021	7:00 PM	75.1	75.1	74.8	55	57.8	4	WNW	1	12	W	75.1	75.3	75.3
7/2/2021	7:15 PM	74.5	75.1	74.5	55	57.3	4	ENE	1	14	ENE	74.5	74.6	74.6
7/2/2021	7:30 PM	73.7	74.6	73.7	56	57	3	W	0.75	10	NNE	73.7	73.8	73.8
7/2/2021	7:45 PM	73.5	73.9	73.5	56	56.8	2	W	0.5	7	ENE	73.5	73.6	73.6
7/2/2021	8:00 PM	72.9	73.5	72.9	57	56.8	3	ENE	0.75	11	NE	72.9	72.9	72.9
7/2/2021	8:15 PM	71.5	72.9	71.5	56	55	2	W	0.5	6	W	71.5	70.9	70.9
7/2/2021	8:30 PM	70.4	71.5	70.4	57	54.4	2	WNW	0.5	9	NE	70.4	69.6	69.6
7/2/2021	8:45 PM	69.6	70.4	69.6	59	54.6	1	WNW	0.25	3	NE	69.6	69	69
7/2/2021	9:00 PM	68.6	69.6	68.5	62	55.1	1	ESE	0.25	3	ESE	68.6	68.3	68.3
7/2/2021	9:15 PM	68.2	68.5	68.2	63	55.1	2	ENE	0.5	5	ENE	68.2	68	68
7/2/2021	9:30 PM	67.8	68.2	67.8	65	55.6	1	ENE	0.25	4	E	67.8	67.7	67.7

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/2/2021	12:00 PM	29.518	0	0	0	0.074	83.1	59	67.3	85.8	10.55	0.0705	304	7	100	15
7/2/2021	12:15 PM	29.518	0	0	0	0.086	83.9	58	67.5	86.9	10.35	0.0704	303	7	100	15
7/2/2021	12:30 PM	29.513	0	0	0	0.103	85.2	57	68.2	88.8	10.24	0.0701	304	7	100	15
7/2/2021	12:45 PM	29.51	0	0	0	0.11	86.4	56	68.8	90.6	10.02	0.07	305	7	100	15
7/2/2021	1:00 PM	29.51	0	0	0	0.102	86.3	52	66.6	89.1	9.35	0.0701	303	7	100	15
7/2/2021	1:15 PM	29.509	0	0	0	0.094	86.7	50	65.8	89.1	9.05	0.0701	303	7	100	15
7/2/2021	1:30 PM	29.501	0	0	0	0.113	86.5	52	66.8	89.4	9.35	0.07	302	7	100	15
7/2/2021	1:45 PM	29.502	0	0	0	0.119	87	48	64.9	89	8.71	0.0701	305	7	100	15
7/2/2021	2:00 PM	29.498	0	0	0	0.11	87.1	47	64.4	88.9	8.51	0.0701	306	7	100	15
7/2/2021	2:15 PM	29.492	0	0	0	0.124	87.1	48	65	89.2	8.71	0.07	304	7	100	15
7/2/2021	2:30 PM	29.489	0	0	0	0.137	88	48	65.8	90.6	8.69	0.0699	305	7	100	15
7/2/2021	2:45 PM	29.483	0	0	0	0.137	88.3	47	65.5	90.7	8.48	0.0698	303	7	100	15
7/2/2021	3:00 PM	29.478	0	0	0	0.148	89.2	45	65.1	91.4	8.17	0.0697	303	7	100	15
7/2/2021	3:15 PM	29.477	0	0	0	0.139	89.4	45	65.3	91.7	8.16	0.0697	305	7	100	15
7/2/2021	3:30 PM	29.471	0	0	0	0.142	89.4	44	64.6	91.4	8.06	0.0697	305	7	100	15
7/2/2021	3:45 PM	29.47	0	0	0	0.132	89.6	43	64.1	91.4	7.95	0.0697	305	7	100	15
7/2/2021	4:00 PM	29.464	0	0	0	0.12	88.6	43	63.2	89.9	7.95	0.0699	306	7	100	15
7/2/2021	4:15 PM	29.462	0	0	0	0.137	88.6	45	64.5	90.5	8.18	0.0698	303	7	100	15
7/2/2021	4:30 PM	29.46	0	0	0	0.122	88.4	43	63.1	89.6	7.95	0.0699	304	7	100	15
7/2/2021	4:45 PM	29.461	0	0	0	0.11	87.7	45	63.7	89.1	8.2	0.0699	305	7	100	15
7/2/2021	5:00 PM	29.466	0	0	0	0.115	87.4	46	64.1	89	8.4	0.07	303	7	100	15
7/2/2021	5:15 PM	29.466	0	0	0	0.105	86.4	44	61.9	87	8.12	0.0702	302	7	100	15
7/2/2021	5:30 PM	29.47	0	0	0	0.111	85.6	45	61.8	86.2	8.24	0.0703	303	7	100	15
7/2/2021	5:45 PM	29.466	0	0	0	0.107	84.8	44	60.5	84.9	8.15	0.0705	307	7	100	15
7/2/2021	6:00 PM	29.467	0	0	0	0.108	84.4	44	60.1	84.4	8.15	0.0706	305	7	100	15
7/2/2021	6:15 PM	29.466	0	0	0	0.109	84.1	45	60.5	84.2	8.27	0.0706	305	7	100	15
7/2/2021	6:30 PM	29.467	0	0	0	0.109	84.1	45	60.5	84.2	8.27	0.0706	305	7	100	15
7/2/2021	6:45 PM	29.469	0	0	0	0.104	83.6	43	58.7	83.2	7.98	0.0707	305	7	100	15
7/2/2021	7:00 PM	29.474	0	0	0	0.105	83.2	45	59.6	83.1	8.29	0.0708	303	7	100	15
7/2/2021	7:15 PM	29.478	0	0	0	0.099	83	44	58.8	82.6	8.15	0.0708	305	7	100	15
7/2/2021	7:30 PM	29.486	0	0	0	0.091	82.9	45	59.4	82.7	8.29	0.0708	305	7	100	15
7/2/2021	7:45 PM	29.491	0	0	0	0.089	82.6	45	59.1	82.4	8.3	0.0709	303	7	100	15
7/2/2021	8:00 PM	29.491	0	0	0	0.082	82.1	44	58	81.7	8.15	0.071	306	7	100	15
7/2/2021	8:15 PM	29.494	0	0	0	0.068	81.6	45	58.2	81.2	8.32	0.0711	306	7	100	15
7/2/2021	8:30 PM	29.496	0	0	0	0.056	81	45	57.7	80.5	8.33	0.0712	301	7	100	15
7/2/2021	8:45 PM	29.498	0	0	0	0.048	80.4	45	57.1	79.8	8.34	0.0713	305	7	100	15
7/2/2021	9:00 PM	29.502	0	0	0	0.037	79.7	46	57.1	79.2	8.46	0.0714	305	7	100	15
7/2/2021	9:15 PM	29.505	0	0	0	0.033	79.1	46	56.5	78.6	8.47	0.0715	305	7	100	15
7/2/2021	9:30 PM	29.511	0	0	0	0.029	78.3	46	55.8	77.8	8.48	0.0717	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/2/2021	9:45 PM	66.9	67.8	66.9	68	56	1	ENE	0.25	2	NNE	66.9	66.9	66.9
7/2/2021	10:00 PM	66.4	66.9	66.4	69	55.9	1	ENE	0.25	3	E	66.4	66.3	66.3
7/2/2021	10:15 PM	66.1	66.5	66.1	70	56	1	ENE	0.25	4	E	66.1	66	66
7/2/2021	10:30 PM	65.7	66.1	65.7	71	56	1	NE	0.25	4	NE	65.7	65.6	65.6
7/2/2021	10:45 PM	65.4	65.7	65.4	72	56.1	2	ENE	0.5	9	E	65.4	65.3	65.3
7/2/2021	11:00 PM	65.3	65.4	65.3	71	55.7	3	ENE	0.75	6	ESE	65.3	65.1	65.1
7/2/2021	11:15 PM	65	65.4	65	73	56.1	2	ENE	0.5	8	E	65	64.9	64.9
7/2/2021	11:30 PM	64.7	65.1	64.7	72	55.5	2	ENE	0.5	5	E	64.7	64.5	64.5
7/2/2021	11:45 PM	64.2	64.7	64.2	73	55.4	1	ENE	0.25	4	NE	64.2	64	64
7/3/2021	12:00 AM	63.3	64.3	63.3	77	56	0	NE	0	2	NE	63.3	63.3	63.3
7/3/2021	12:15 AM	62	63.3	62	80	55.8	1	S	0.25	4	SSE	62	62.1	62.1
7/3/2021	12:30 AM	60.8	62	60.8	81	54.9	1	S	0.25	2	S	60.8	60.7	60.7
7/3/2021	12:45 AM	60.2	60.8	60.2	84	55.3	0	S	0	3	ENE	60.2	60.2	60.2
7/3/2021	1:00 AM	59.6	60.2	59.5	84	54.8	1	SSE	0.25	2	ENE	59.6	59.5	59.5
7/3/2021	1:15 AM	59.2	59.6	59.2	85	54.7	0	SSE	0	1	SSE	59.2	59.1	59.1
7/3/2021	1:30 AM	59.2	59.3	59	83	54	0	N	0	2	E	59.2	59.1	59.1
7/3/2021	1:45 AM	60.4	60.4	59.2	80	54.2	1	ENE	0.25	4	E	60.4	60.2	60.2
7/3/2021	2:00 AM	59.5	60.5	59.5	81	53.7	1	ENE	0.25	3	ENE	59.5	59.3	59.3
7/3/2021	2:15 AM	58.6	59.4	58.6	84	53.8	1	E	0.25	3	E	58.6	58.5	58.5
7/3/2021	2:30 AM	57.4	58.6	57.4	87	53.6	0	E	0	2	E	57.4	57.4	57.4
7/3/2021	2:45 AM	56.4	57.4	56.4	89	53.2	0	E	0	1	E	56.4	56.4	56.4
7/3/2021	3:00 AM	55.7	56.4	55.7	91	53.1	0	---	0	0	---	55.7	55.8	55.8
7/3/2021	3:15 AM	56	56.1	55.6	91	53.4	0	E	0	1	E	56	56.1	56.1
7/3/2021	3:30 AM	56.1	56.3	56.1	89	52.9	0	E	0	2	E	56.1	56.1	56.1
7/3/2021	3:45 AM	55.4	56.1	55.4	92	53.1	0	E	0	1	E	55.4	55.6	55.6
7/3/2021	4:00 AM	55.2	55.6	55.2	91	52.6	0	E	0	1	E	55.2	55.3	55.3
7/3/2021	4:15 AM	55.1	55.3	55	91	52.5	0	E	0	1	E	55.1	55.2	55.2
7/3/2021	4:30 AM	54.4	55	54.4	93	52.4	0	E	0	2	E	54.4	54.6	54.6
7/3/2021	4:45 AM	54.4	54.5	54.3	93	52.4	0	E	0	2	E	54.4	54.6	54.6
7/3/2021	5:00 AM	54.3	54.5	54.2	94	52.6	1	E	0.25	2	E	54.3	54.6	54.6
7/3/2021	5:15 AM	54.3	54.4	54.2	94	52.6	0	ENE	0	2	NE	54.3	54.6	54.6
7/3/2021	5:30 AM	54.4	54.4	54.2	93	52.4	1	ENE	0.25	2	ENE	54.4	54.6	54.6
7/3/2021	5:45 AM	54.4	54.5	54.3	93	52.4	1	ENE	0.25	2	ENE	54.4	54.6	54.6
7/3/2021	6:00 AM	54.3	54.5	54.3	93	52.3	1	ENE	0.25	2	ENE	54.3	54.5	54.5
7/3/2021	6:15 AM	54.4	54.5	54.3	93	52.4	0	ENE	0	2	ENE	54.4	54.6	54.6
7/3/2021	6:30 AM	54.7	54.7	54.3	92	52.4	0	ENE	0	2	ENE	54.7	54.9	54.9
7/3/2021	6:45 AM	54.4	54.8	54.3	93	52.4	1	ENE	0.25	2	ENE	54.4	54.6	54.6
7/3/2021	7:00 AM	54.9	54.9	54.3	93	52.9	1	ENE	0.25	2	ENE	54.9	55.1	55.1
7/3/2021	7:15 AM	55.5	55.6	54.9	91	52.9	0	ENE	0	1	ENE	55.5	55.6	55.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/2/2021	9:45 PM	29.517	0	0	0	0.02	77.8	48	56.5	77.5	8.89	0.0717	304	7	100	15
7/2/2021	10:00 PM	29.518	0	0	0	0.015	77.3	49	56.6	77.1	9	0.0718	304	7	100	15
7/2/2021	10:15 PM	29.527	0	0	0	0.011	76.8	49	56.2	76.6	9.01	0.0719	302	7	100	15
7/2/2021	10:30 PM	29.531	0	0	0	0.007	76.3	50	56.3	76.2	9.22	0.0719	306	7	100	15
7/2/2021	10:45 PM	29.534	0	0	0	0.004	75.9	51	56.5	75.9	9.35	0.072	305	7	100	15
7/2/2021	11:00 PM	29.539	0	0	0	0.003	75.6	51	56.2	75.6	9.35	0.0721	306	7	100	15
7/2/2021	11:15 PM	29.542	0	0	0	0	75.1	52	56.3	75.1	9.55	0.0721	304	7	100	15
7/2/2021	11:30 PM	29.54	0	0	0.003	0	74.7	52	55.9	74.7	9.56	0.0722	306	7	100	15
7/2/2021	11:45 PM	29.545	0	0	0.008	0	74.4	53	56.2	74.4	9.67	0.0722	305	7	100	15
7/3/2021	12:00 AM	29.544	0	0	0.018	0	74.1	53	55.9	74.1	9.69	0.0723	306	7	100	15
7/3/2021	12:15 AM	29.545	0	0	0.031	0	73.6	54	55.9	73.6	9.88	0.0724	304	7	100	15
7/3/2021	12:30 AM	29.549	0	0	0.044	0	73.1	55	56	73	10.09	0.0724	304	7	100	15
7/3/2021	12:45 AM	29.546	0	0	0.05	0	72.6	56	56	72.4	10.3	0.0725	303	7	100	15
7/3/2021	1:00 AM	29.549	0	0	0.056	0	72.1	57	56	71.8	10.47	0.0726	301	7	100	15
7/3/2021	1:15 AM	29.551	0	0	0.06	0	71.6	57	55.6	71.1	10.49	0.0727	304	7	100	15
7/3/2021	1:30 AM	29.549	0	0	0.06	0	71.3	57	55.3	70.7	10.5	0.0727	303	7	100	15
7/3/2021	1:45 AM	29.548	0	0	0.048	0	71.2	56	54.7	70.5	10.33	0.0727	306	7	100	15
7/3/2021	2:00 AM	29.545	0	0	0.057	0	70.8	57	54.8	70.1	10.52	0.0728	306	7	100	15
7/3/2021	2:15 AM	29.541	0	0	0.067	0	70.7	57	54.7	69.9	10.52	0.0728	305	7	100	15
7/3/2021	2:30 AM	29.54	0	0	0.079	0	70.3	58	54.8	69.6	10.74	0.0728	305	7	100	15
7/3/2021	2:45 AM	29.542	0	0	0.09	0	69.8	59	54.8	69.1	10.95	0.0729	304	7	100	15
7/3/2021	3:00 AM	29.545	0	0	0.097	0	69.4	60	54.9	68.9	11.05	0.073	305	7	100	15
7/3/2021	3:15 AM	29.55	0	0	0.094	0	69	60	54.5	68.6	11.05	0.0731	305	7	100	15
7/3/2021	3:30 AM	29.556	0	0	0.093	0	68.8	60	54.3	68.4	11.05	0.0731	304	7	100	15
7/3/2021	3:45 AM	29.556	0	0	0.1	0	68.6	60	54.2	68.2	11.05	0.0731	305	7	100	15
7/3/2021	4:00 AM	29.558	0	0	0.102	0	68.2	61	54.2	67.8	11.25	0.0732	306	7	100	15
7/3/2021	4:15 AM	29.561	0	0	0.103	0	68	61	54	67.6	11.25	0.0732	304	7	100	15
7/3/2021	4:30 AM	29.563	0	0	0.11	0	67.7	62	54.2	67.3	11.4	0.0733	306	7	100	15
7/3/2021	4:45 AM	29.564	0	0	0.11	0	67.5	62	54	67.1	11.4	0.0733	303	7	100	15
7/3/2021	5:00 AM	29.565	0	0	0.111	0	67.4	62	53.9	67	11.4	0.0733	304	7	100	15
7/3/2021	5:15 AM	29.567	0	0	0.111	0	67.1	62	53.6	66.6	11.41	0.0734	306	7	100	15
7/3/2021	5:30 AM	29.563	0	0	0.11	0	66.9	63	53.9	66.5	11.61	0.0734	305	7	100	15
7/3/2021	5:45 AM	29.567	0	0	0.11	0	66.8	63	53.8	66.4	11.61	0.0734	306	7	100	15
7/3/2021	6:00 AM	29.576	0	0	0.111	0	66.6	62	53.2	66	11.42	0.0735	302	7	100	15
7/3/2021	6:15 AM	29.58	0	0	0.11	0	66.6	63	53.6	66.1	11.62	0.0735	305	7	100	15
7/3/2021	6:30 AM	29.58	0	0	0.107	0	66.6	63	53.6	66.1	11.62	0.0735	305	7	100	15
7/3/2021	6:45 AM	29.583	0	0	0.11	0	66.7	63	53.7	66.2	11.62	0.0735	304	7	100	15
7/3/2021	7:00 AM	29.582	0	0	0.105	0	66.8	64	54.2	66.5	11.71	0.0735	307	7	100	15
7/3/2021	7:15 AM	29.586	0	0	0.099	0	67.1	64	54.5	66.8	11.71	0.0734	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/3/2021	7:30 AM	57.7	57.7	55.6	89	54.5	0	ENE	0	1	ENE	57.7	57.8	57.8
7/3/2021	7:45 AM	60	60	57.7	88	56.4	0	ENE	0	1	ENE	60	60.2	60.2
7/3/2021	8:00 AM	61.7	61.7	60	82	56.1	1	WNW	0.25	2	N	61.7	61.8	61.8
7/3/2021	8:15 AM	62.9	62.9	61.7	78	55.9	1	NNW	0.25	3	NE	62.9	62.9	62.9
7/3/2021	8:30 AM	62.8	63.2	62.8	79	56.2	2	N	0.5	6	N	62.8	62.9	62.9
7/3/2021	8:45 AM	63.1	63.2	62.7	78	56.1	1	NNW	0.25	4	NNE	63.1	63.2	63.2
7/3/2021	9:00 AM	63.4	63.4	63.2	78	56.4	1	NNW	0.25	4	NE	63.4	63.5	63.5
7/3/2021	9:15 AM	63.7	63.7	63.4	75	55.6	3	NE	0.75	10	ENE	63.7	63.6	63.6
7/3/2021	9:30 AM	64.3	64.3	63.6	75	56.2	3	ENE	0.75	10	ENE	64.3	64.3	64.3
7/3/2021	9:45 AM	64.4	64.5	64.2	70	54.4	5	ENE	1.25	16	ENE	64.4	64	64
7/3/2021	10:00 AM	65.1	65.1	64.5	73	56.2	5	ENE	1.25	11	ENE	65.1	65.1	65.1
7/3/2021	10:15 AM	65.2	65.3	64.9	69	54.8	5	ENE	1.25	13	NE	65.2	64.9	64.9
7/3/2021	10:30 AM	66.1	66.2	65.3	67	54.8	4	ENE	1	12	ENE	66.1	65.8	65.8
7/3/2021	10:45 AM	67.2	67.2	66.1	61	53.3	4	ENE	1	12	ENE	67.2	66.6	66.6
7/3/2021	11:00 AM	68	68.1	67.2	62	54.5	4	ENE	1	12	NW	68	67.7	67.7
7/3/2021	11:15 AM	68.2	68.5	67.9	60	53.8	4	NE	1	11	E	68.2	67.7	67.7
7/3/2021	11:30 AM	69.5	69.5	68.2	62	55.9	3	E	0.75	9	N	69.5	69.2	69.2
7/3/2021	11:45 AM	70.1	70.2	69.4	59	55.1	3	NE	0.75	7	ENE	70.1	69.4	69.4
7/3/2021	12:00 PM	70.4	70.4	69.7	60	55.8	3	NNW	0.75	10	NW	70.4	69.9	69.9
7/3/2021	12:15 PM	71	71	70.3	56	54.5	5	ENE	1.25	14	ENE	71	70.2	70.2
7/3/2021	12:30 PM	71.1	71.3	71	54	53.6	4	ENE	1	13	ENE	71.1	70.2	70.2
7/3/2021	12:45 PM	71.3	71.4	71	53	53.3	6	ENE	1.5	16	ENE	71.3	70.4	70.4
7/3/2021	1:00 PM	71.9	72.1	71.3	54	54.3	4	ENE	1	12	ENE	71.9	71.3	71.3
7/3/2021	1:15 PM	72.3	72.5	71.9	52	53.7	4	ENE	1	11	ENE	72.3	71.7	71.7
7/3/2021	1:30 PM	72.9	73.1	72.1	49	52.6	3	E	0.75	11	N	72.9	72.3	72.3
7/3/2021	1:45 PM	73.1	73.1	72.6	52	54.4	3	N	0.75	10	NNE	73.1	72.8	72.8
7/3/2021	2:00 PM	73.6	73.9	73	51	54.4	3	NNW	0.75	12	E	73.6	73.3	73.3
7/3/2021	2:15 PM	73.7	73.7	73.5	56	57	4	ENE	1	8	ENE	73.7	73.8	73.8
7/3/2021	2:30 PM	74.4	74.7	73.6	50	54.5	2	WSW	0.5	7	W	74.4	74.2	74.2
7/3/2021	2:45 PM	75	75	74.2	56	58.2	2	N	0.5	6	N	75	75.2	75.2
7/3/2021	3:00 PM	73.6	75.2	73.5	56	56.9	3	WNW	0.75	9	NE	73.6	73.7	73.7
7/3/2021	3:15 PM	74.6	74.8	73.5	49	54.2	3	N	0.75	11	E	74.6	74.4	74.4
7/3/2021	3:30 PM	75	75.1	74	47	53.4	4	N	1	10	ENE	75	74.6	74.6
7/3/2021	3:45 PM	75.2	75.3	74.9	48	54.2	2	W	0.5	10	WNW	75.2	74.9	74.9
7/3/2021	4:00 PM	74.8	75.6	74.8	48	53.8	1	NW	0.25	8	N	74.8	74.5	74.5
7/3/2021	4:15 PM	74.1	75.2	74.1	48	53.2	2	ENE	0.5	8	E	74.1	73.7	73.7
7/3/2021	4:30 PM	75.3	75.3	74	51	55.9	2	NE	0.5	8	NW	75.3	75.3	75.3
7/3/2021	4:45 PM	76.5	76.6	75.2	57	60.1	2	WSW	0.5	8	ENE	76.5	76.8	76.8
7/3/2021	5:00 PM	76.5	76.6	76.2	53	58.1	2	WSW	0.5	7	W	76.5	76.6	76.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/3/2021	7:30 AM	29.591	0	0	0.076	0	67.7	64	55.1	67.5	11.7	0.0733	305	7	100	15
7/3/2021	7:45 AM	29.591	0	0	0.052	0	68.1	64	55.5	67.9	11.69	0.0733	305	7	100	15
7/3/2021	8:00 AM	29.593	0	0	0.034	0	68.9	64	56.2	68.8	11.67	0.0731	305	7	100	15
7/3/2021	8:15 AM	29.596	0	0	0.022	0	69.8	64	57.1	69.6	11.65	0.073	303	7	100	15
7/3/2021	8:30 AM	29.598	0	0	0.023	0	70.5	63	57.3	70.2	11.54	0.0729	305	7	100	15
7/3/2021	8:45 AM	29.597	0	0	0.02	0	70.9	63	57.7	70.7	11.53	0.0728	304	7	100	15
7/3/2021	9:00 AM	29.599	0	0	0.017	0	71.5	62	57.8	71.4	11.32	0.0727	303	7	100	15
7/3/2021	9:15 AM	29.603	0	0	0.014	0	72.1	61	57.9	72.1	11.17	0.0726	303	7	100	15
7/3/2021	9:30 AM	29.606	0	0	0.007	0	72.7	60	58	72.8	11	0.0726	305	7	100	15
7/3/2021	9:45 AM	29.606	0	0	0.006	0	73.3	58	57.6	73.4	10.62	0.0725	300	7	100	15
7/3/2021	10:00 AM	29.605	0	0	0	0.001	73.7	58	58	73.9	10.6	0.0724	304	7	100	15
7/3/2021	10:15 AM	29.606	0	0	0	0.002	74.4	55	57.2	74.5	10.06	0.0724	302	7	100	15
7/3/2021	10:30 AM	29.6	0	0	0	0.011	75.6	54	57.8	75.7	9.84	0.0722	303	7	100	15
7/3/2021	10:45 AM	29.601	0	0	0	0.023	77	54	59.1	77.1	9.81	0.0719	306	7	100	15
7/3/2021	11:00 AM	29.6	0	0	0	0.031	78.3	53	59.8	78.5	9.65	0.0717	304	7	100	15
7/3/2021	11:15 AM	29.602	0	0	0	0.033	79.2	51	59.5	79.3	9.35	0.0716	305	7	100	15
7/3/2021	11:30 AM	29.604	0	0	0	0.047	80.3	51	60.5	80.6	9.34	0.0714	304	7	100	15
7/3/2021	11:45 AM	29.606	0	0	0	0.053	81.2	48	59.6	81.2	8.83	0.0713	305	7	100	15
7/3/2021	12:00 PM	29.606	0	0	0	0.056	81.8	48	60.2	82	8.81	0.0712	304	7	100	15
7/3/2021	12:15 PM	29.604	0	0	0	0.063	82.6	47	60.3	82.7	8.6	0.0711	307	7	100	15
7/3/2021	12:30 PM	29.602	0	0	0	0.064	83.1	45	59.6	82.9	8.29	0.0711	302	7	100	15
7/3/2021	12:45 PM	29.598	0	0	0	0.066	83.7	44	59.5	83.5	8.15	0.071	305	7	100	15
7/3/2021	1:00 PM	29.587	0	0	0	0.072	84.2	44	59.9	84.2	8.15	0.0709	302	7	100	15
7/3/2021	1:15 PM	29.582	0	0	0	0.076	84.8	44	60.5	84.9	8.15	0.0708	303	7	100	15
7/3/2021	1:30 PM	29.583	0	0	0	0.082	85.3	42	59.6	85.1	7.84	0.0707	306	7	100	15
7/3/2021	1:45 PM	29.579	0	0	0	0.084	85.6	42	59.9	85.5	7.84	0.0707	304	7	100	15
7/3/2021	2:00 PM	29.576	0	0	0	0.09	86.2	42	60.4	86.2	7.83	0.0706	304	7	100	15
7/3/2021	2:15 PM	29.577	0	0	0	0.091	86.5	42	60.7	86.6	7.82	0.0705	303	7	100	15
7/3/2021	2:30 PM	29.572	0	0	0	0.098	87	42	61.1	87.3	7.81	0.0704	302	7	100	15
7/3/2021	2:45 PM	29.573	0	0	0	0.104	87.1	43	61.9	87.7	7.95	0.0704	305	7	100	15
7/3/2021	3:00 PM	29.574	0	0	0	0.09	87.2	42	61.3	87.6	7.81	0.0704	306	7	100	15
7/3/2021	3:15 PM	29.574	0	0	0	0.1	87.3	41	60.7	87.5	7.65	0.0704	303	7	100	15
7/3/2021	3:30 PM	29.573	0	0	0	0.104	87.6	40	60.3	87.6	7.5	0.0704	301	7	100	15
7/3/2021	3:45 PM	29.566	0	0	0	0.106	87.7	40	60.4	87.7	7.5	0.0704	304	7	100	15
7/3/2021	4:00 PM	29.561	0	0	0	0.102	87.5	40	60.2	87.4	7.5	0.0704	304	7	100	15
7/3/2021	4:15 PM	29.557	0	0	0	0.095	87.2	40	59.9	87.1	7.51	0.0704	301	7	100	15
7/3/2021	4:30 PM	29.553	0	0	0	0.107	86.7	40	59.5	86.4	7.52	0.0705	305	7	100	15
7/3/2021	4:45 PM	29.554	0	0	0	0.12	86.8	40	59.6	86.5	7.51	0.0705	304	7	100	15
7/3/2021	5:00 PM	29.554	0	0	0	0.12	86.7	40	59.5	86.4	7.52	0.0705	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/3/2021	5:15 PM	76.9	76.9	76.5	49	56.3	2	W	0.5	6	W	76.9	76.7	76.7
7/3/2021	5:30 PM	75.6	76.9	75.6	50	55.6	2	NW	0.5	7	W	75.6	75.5	75.5
7/3/2021	5:45 PM	74.1	75.6	74.1	49	53.7	3	NW	0.75	8	NW	74.1	73.8	73.8
7/3/2021	6:00 PM	73.3	74	73.3	50	53.5	1	WNW	0.25	4	WSW	73.3	72.9	72.9
7/3/2021	6:15 PM	74.6	74.6	73.1	49	54.2	3	NNE	0.75	8	NNW	74.6	74.4	74.4
7/3/2021	6:30 PM	75.1	75.1	74.6	49	54.6	2	W	0.5	8	NW	75.1	74.9	74.9
7/3/2021	6:45 PM	74.9	75.2	74.9	50	55	2	ENE	0.5	8	ENE	74.9	74.8	74.8
7/3/2021	7:00 PM	75.2	75.5	74.9	51	55.8	1	W	0.25	4	SSW	75.2	75.2	75.2
7/3/2021	7:15 PM	74.2	75.2	74.2	51	54.9	2	N	0.5	8	NW	74.2	74.1	74.1
7/3/2021	7:30 PM	74.3	74.5	74.2	53	56.1	1	WNW	0.25	4	WSW	74.3	74.3	74.3
7/3/2021	7:45 PM	73.2	74.3	73.2	53	55	2	N	0.5	7	W	73.2	73	73
7/3/2021	8:00 PM	72.6	73.2	72.5	55	55.5	2	WNW	0.5	4	NW	72.6	72.3	72.3
7/3/2021	8:15 PM	71.9	72.6	71.9	56	55.3	1	W	0.25	3	NW	71.9	71.4	71.4
7/3/2021	8:30 PM	70.5	71.9	70.5	61	56.4	0	W	0	3	W	70.5	70.1	70.1
7/3/2021	8:45 PM	68.8	70.6	68.8	63	55.7	0	---	0	0	---	68.8	68.6	68.6
7/3/2021	9:00 PM	66.8	68.8	66.8	66	55.1	1	W	0.25	2	W	66.8	66.6	66.6
7/3/2021	9:15 PM	65.6	66.8	65.6	67	54.3	0	W	0	2	W	65.6	65.2	65.2
7/3/2021	9:30 PM	64.6	65.6	64.6	70	54.6	0	---	0	0	---	64.6	64.3	64.3
7/3/2021	9:45 PM	63.7	64.6	63.7	72	54.5	0	W	0	2	W	63.7	63.4	63.4
7/3/2021	10:00 PM	63.1	63.7	63.1	76	55.4	0	W	0	2	W	63.1	63	63
7/3/2021	10:15 PM	61.9	63.1	61.9	78	55	0	W	0	1	W	61.9	61.8	61.8
7/3/2021	10:30 PM	60.6	61.9	60.5	81	54.7	1	W	0.25	2	W	60.6	60.5	60.5
7/3/2021	10:45 PM	61.1	61.1	60.5	80	54.9	0	W	0	2	W	61.1	61	61
7/3/2021	11:00 PM	61.2	61.2	60.8	79	54.6	1	W	0.25	2	W	61.2	61.1	61.1
7/3/2021	11:15 PM	61.3	61.4	61.2	81	55.4	0	SSE	0	2	SSE	61.3	61.3	61.3
7/3/2021	11:30 PM	59	61.2	59	85	54.5	0	SSE	0	2	SSE	59	58.9	58.9
7/3/2021	11:45 PM	57.8	59	57.8	88	54.3	1	SSE	0.25	2	SSE	57.8	57.9	57.9
7/4/2021	12:00 AM	58	58	57.7	86	53.8	0	SSE	0	2	SSE	58	58	58
7/4/2021	12:15 AM	58.7	58.7	58	85	54.2	1	E	0.25	2	E	58.7	58.6	58.6
7/4/2021	12:30 AM	58.8	58.9	58.6	86	54.6	1	E	0.25	2	E	58.8	58.8	58.8
7/4/2021	12:45 AM	59	59	58.8	86	54.8	1	SE	0.25	2	E	59	59	59
7/4/2021	1:00 AM	57.7	59	57.7	88	54.2	0	SSE	0	1	SSE	57.7	57.8	57.8
7/4/2021	1:15 AM	56.8	57.7	56.8	90	53.9	0	SSE	0	1	SSE	56.8	56.9	56.9
7/4/2021	1:30 AM	56.4	56.8	56.4	91	53.8	1	SSE	0.25	2	SSE	56.4	56.5	56.5
7/4/2021	1:45 AM	56.5	56.6	56.2	91	53.9	1	E	0.25	2	E	56.5	56.6	56.6
7/4/2021	2:00 AM	56.8	56.8	56.5	90	53.9	0	E	0	1	E	56.8	56.9	56.9
7/4/2021	2:15 AM	56.6	56.8	56.5	91	54	0	E	0	1	E	56.6	56.7	56.7
7/4/2021	2:30 AM	56.8	56.9	56.6	90	53.9	0	E	0	1	E	56.8	56.9	56.9
7/4/2021	2:45 AM	56.8	57	56.7	90	53.9	1	E	0.25	2	E	56.8	56.9	56.9

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/3/2021	5:15 PM	29.56	0	0	0	0.124	86.4	40	59.2	86	7.52	0.0706	303	7	100	15
7/3/2021	5:30 PM	29.562	0	0	0	0.11	86	40	58.9	85.5	7.53	0.0706	304	7	100	15
7/3/2021	5:45 PM	29.567	0	0	0	0.095	85.4	40	58.3	84.8	7.54	0.0708	305	7	100	15
7/3/2021	6:00 PM	29.567	0	0	0	0.086	84.8	40	57.8	84.1	7.55	0.0709	304	7	100	15
7/3/2021	6:15 PM	29.57	0	0	0	0.1	84.5	41	58.2	83.9	7.66	0.0709	303	7	100	15
7/3/2021	6:30 PM	29.571	0	0	0	0.105	84.3	41	58	83.7	7.66	0.0709	307	7	100	15
7/3/2021	6:45 PM	29.572	0	0	0	0.103	84.1	41	57.9	83.4	7.67	0.071	300	7	100	15
7/3/2021	7:00 PM	29.576	0	0	0	0.106	83.9	41	57.7	83.2	7.67	0.071	303	7	100	15
7/3/2021	7:15 PM	29.577	0	0	0	0.096	83.7	41	57.5	83	7.68	0.071	303	7	100	15
7/3/2021	7:30 PM	29.582	0	0	0	0.097	83.6	42	58.1	83	7.85	0.071	304	7	100	15
7/3/2021	7:45 PM	29.583	0	0	0	0.085	83.2	42	57.7	82.6	7.85	0.0711	306	7	100	15
7/3/2021	8:00 PM	29.585	0	0	0	0.079	82.7	42	57.3	82	7.85	0.0712	303	7	100	15
7/3/2021	8:15 PM	29.588	0	0	0	0.072	82.2	43	57.5	81.6	8.01	0.0713	304	7	100	15
7/3/2021	8:30 PM	29.595	0	0	0	0.057	81.6	43	56.9	80.9	8.02	0.0714	302	7	100	15
7/3/2021	8:45 PM	29.599	0	0	0	0.04	80.8	44	56.9	80.1	8.15	0.0715	305	7	100	15
7/3/2021	9:00 PM	29.601	0	0	0	0.019	79.9	45	56.7	79.3	8.35	0.0716	304	7	100	15
7/3/2021	9:15 PM	29.603	0	0	0	0.006	78.9	45	55.8	78.3	8.37	0.0718	302	7	100	15
7/3/2021	9:30 PM	29.609	0	0	0.004	0	78.1	45	55	77.4	8.39	0.072	306	7	100	15
7/3/2021	9:45 PM	29.611	0	0	0.014	0	77.5	46	55.1	77	8.5	0.072	304	7	100	15
7/3/2021	10:00 PM	29.619	0	0	0.02	0	77	47	55.2	76.6	8.71	0.0721	304	7	100	15
7/3/2021	10:15 PM	29.622	0	0	0.032	0	76.4	48	55.3	76.1	8.92	0.0722	303	7	100	15
7/3/2021	10:30 PM	29.623	0	0	0.046	0	75.9	49	55.4	75.7	9.03	0.0723	303	7	100	15
7/3/2021	10:45 PM	29.627	0	0	0.041	0	75.4	49	54.9	75.2	9.04	0.0724	303	7	100	15
7/3/2021	11:00 PM	29.633	0	0	0.04	0	75.1	50	55.2	75	9.25	0.0724	306	7	100	15
7/3/2021	11:15 PM	29.631	0	0	0.039	0	74.7	50	54.8	74.6	9.25	0.0725	303	7	100	15
7/3/2021	11:30 PM	29.632	0	0	0.063	0	74.2	51	54.9	74.1	9.37	0.0725	304	7	100	15
7/3/2021	11:45 PM	29.634	0	0	0.075	0	73.8	52	55.1	73.7	9.57	0.0726	304	7	100	15
7/4/2021	12:00 AM	29.635	0	0	0.073	0	73.3	52	54.6	73	9.58	0.0727	305	7	100	15
7/4/2021	12:15 AM	29.638	0	0	0.066	0	73	53	54.9	72.7	9.73	0.0727	302	7	100	15
7/4/2021	12:30 AM	29.638	0	0	0.065	0	72.6	53	54.5	72.2	9.75	0.0728	306	7	100	15
7/4/2021	12:45 AM	29.642	0	0	0.063	0	72.1	54	54.5	71.6	9.91	0.0729	304	7	100	15
7/4/2021	1:00 AM	29.642	0	0	0.076	0	71.8	54	54.3	71.1	9.91	0.0729	304	7	100	15
7/4/2021	1:15 AM	29.64	0	0	0.085	0	71.6	55	54.6	70.9	10.12	0.0729	300	7	100	15
7/4/2021	1:30 AM	29.639	0	0	0.09	0	71.3	55	54.3	70.5	10.12	0.073	305	7	100	15
7/4/2021	1:45 AM	29.636	0	0	0.089	0	70.9	56	54.4	70.1	10.33	0.073	305	7	100	15
7/4/2021	2:00 AM	29.636	0	0	0.085	0	70.6	56	54.1	69.7	10.34	0.0731	302	7	100	15
7/4/2021	2:15 AM	29.631	0	0	0.088	0	70.4	56	54	69.5	10.34	0.0731	303	7	100	15
7/4/2021	2:30 AM	29.63	0	0	0.085	0	70.2	57	54.2	69.3	10.54	0.0731	304	7	100	15
7/4/2021	2:45 AM	29.628	0	0	0.085	0	70	57	54.1	69.1	10.55	0.0731	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/4/2021	3:00 AM	55.5	56.8	55.5	91	52.9	1	E	0.25	2	E	55.5	55.6	55.6
7/4/2021	3:15 AM	54.9	55.5	54.9	92	52.6	0	ENE	0	2	ENE	54.9	55.1	55.1
7/4/2021	3:30 AM	54.1	54.8	54.1	94	52.4	1	ENE	0.25	2	ENE	54.1	54.4	54.4
7/4/2021	3:45 AM	54.8	54.8	54.1	95	53.4	1	ENE	0.25	2	ENE	54.8	55.1	55.1
7/4/2021	4:00 AM	55.1	55.2	54.8	93	53.1	0	E	0	2	E	55.1	55.3	55.3
7/4/2021	4:15 AM	55	55.1	54.8	94	53.3	1	E	0.25	2	E	55	55.3	55.3
7/4/2021	4:30 AM	55.2	55.3	55	93	53.2	1	E	0.25	2	E	55.2	55.4	55.4
7/4/2021	4:45 AM	55	55.2	55	93	53	0	E	0	2	E	55	55.2	55.2
7/4/2021	5:00 AM	53.7	55	53.7	93	51.7	1	ENE	0.25	2	E	53.7	53.9	53.9
7/4/2021	5:15 AM	53.1	53.7	53.1	95	51.7	1	ENE	0.25	2	ENE	53.1	53.4	53.4
7/4/2021	5:30 AM	52.8	53.1	52.8	95	51.4	0	ENE	0	1	ENE	52.8	53.1	53.1
7/4/2021	5:45 AM	53.1	53.1	52.8	95	51.7	0	ENE	0	1	ENE	53.1	53.4	53.4
7/4/2021	6:00 AM	53.1	53.1	53	96	52	0	ENE	0	1	ENE	53.1	53.5	53.5
7/4/2021	6:15 AM	53.4	53.4	53.1	96	52.3	0	---	0	0	---	53.4	53.8	53.8
7/4/2021	6:30 AM	53.9	53.9	53.4	97	53.1	0	ENE	0	1	ENE	53.9	54.3	54.3
7/4/2021	6:45 AM	54.2	54.3	53.9	95	52.8	0	ENE	0	1	ENE	54.2	54.5	54.5
7/4/2021	7:00 AM	54.2	54.4	54.2	94	52.5	0	ENE	0	1	ENE	54.2	54.5	54.5
7/4/2021	7:15 AM	55.1	55.1	54.2	95	53.7	0	ENE	0	1	ENE	55.1	55.4	55.4
7/4/2021	7:30 AM	56.2	56.3	55.1	92	53.9	0	ENE	0	1	ENE	56.2	56.4	56.4
7/4/2021	7:45 AM	58.2	58.2	56.2	92	55.9	0	ENE	0	1	ENE	58.2	58.5	58.5
7/4/2021	8:00 AM	59.6	59.6	58.1	89	56.4	0	---	0	0	---	59.6	59.8	59.8
7/4/2021	8:15 AM	60.4	60.4	59.6	86	56.2	0	NNE	0	1	ENE	60.4	60.5	60.5
7/4/2021	8:30 AM	61.2	61.2	60.5	87	57.3	0	NNW	0	2	N	61.2	61.4	61.4
7/4/2021	8:45 AM	61.6	61.6	61.2	86	57.4	0	NNW	0	2	NNW	61.6	61.8	61.8
7/4/2021	9:00 AM	62.2	62.2	61.6	84	57.3	1	SW	0.25	3	SSE	62.2	62.4	62.4
7/4/2021	9:15 AM	63.1	63.1	62.2	82	57.5	1	W	0.25	3	NW	63.1	63.4	63.4
7/4/2021	9:30 AM	64	64	63.1	79	57.4	1	SW	0.25	4	S	64	64.3	64.3
7/4/2021	9:45 AM	65.2	65.2	64	77	57.8	1	S	0.25	4	NW	65.2	65.5	65.5
7/4/2021	10:00 AM	66	66	65.2	76	58.2	1	SW	0.25	2	SW	66	66.4	66.4
7/4/2021	10:15 AM	67.1	67.1	66	76	59.3	2	SSE	0.5	5	SSE	67.1	67.7	67.7
7/4/2021	10:30 AM	68.7	68.7	67.1	77	61.2	2	S	0.5	4	NW	68.7	69.7	69.7
7/4/2021	10:45 AM	69.8	69.8	68.7	71	60	2	WSW	0.5	7	NW	69.8	70.2	70.2
7/4/2021	11:00 AM	70.1	70.1	69.7	71	60.3	2	WNW	0.5	6	W	70.1	70.4	70.4
7/4/2021	11:15 AM	70.7	70.8	70.1	69	60	2	SW	0.5	7	WNW	70.7	71	71
7/4/2021	11:30 AM	71.5	71.5	70.7	71	61.6	2	WSW	0.5	5	WNW	71.5	72.1	72.1
7/4/2021	11:45 AM	72.4	72.4	71.5	67	60.8	2	W	0.5	7	SSE	72.4	72.9	72.9
7/4/2021	12:00 PM	73.4	73.4	72.4	63	60	2	W	0.5	5	SW	73.4	73.9	73.9
7/4/2021	12:15 PM	73.5	73.7	73.3	63	60.1	1	NW	0.25	5	S	73.5	74	74
7/4/2021	12:30 PM	74.4	74.4	73.4	65	61.9	2	S	0.5	5	NW	74.4	75.2	75.2

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/4/2021	3:00 AM	29.627	0	0	0.099	0	69.8	57	53.9	68.9	10.55	0.0732	303	7	100	15
7/4/2021	3:15 AM	29.623	0	0	0.105	0	69.4	58	54	68.7	10.75	0.0732	303	7	100	15
7/4/2021	3:30 AM	29.621	0	0	0.114	0	69.1	58	53.7	68.4	10.75	0.0733	304	7	100	15
7/4/2021	3:45 AM	29.62	0	0	0.106	0	68.9	58	53.5	68.3	10.75	0.0733	301	7	100	15
7/4/2021	4:00 AM	29.619	0	0	0.103	0	68.8	59	53.9	68.3	10.95	0.0733	306	7	100	15
7/4/2021	4:15 AM	29.62	0	0	0.104	0	68.6	59	53.7	68.1	10.95	0.0733	303	7	100	15
7/4/2021	4:30 AM	29.621	0	0	0.102	0	68.3	59	53.4	67.7	10.95	0.0734	304	7	100	15
7/4/2021	4:45 AM	29.619	0	0	0.104	0	68.2	59	53.3	67.6	10.95	0.0734	303	7	100	15
7/4/2021	5:00 AM	29.62	0	0	0.118	0	68	59	53.1	67.4	10.95	0.0734	304	7	100	15
7/4/2021	5:15 AM	29.624	0	0	0.124	0	67.7	60	53.3	67.1	11.05	0.0735	306	7	100	15
7/4/2021	5:30 AM	29.624	0	0	0.127	0	67.5	60	53.1	66.9	11.05	0.0735	302	7	100	15
7/4/2021	5:45 AM	29.624	0	0	0.124	0	67.3	60	52.9	66.7	11.05	0.0735	303	7	100	15
7/4/2021	6:00 AM	29.626	0	0	0.124	0	67.1	60	52.7	66.4	11.05	0.0736	303	7	100	15
7/4/2021	6:15 AM	29.631	0	0	0.121	0	66.9	61	53	66.3	11.25	0.0736	306	7	100	15
7/4/2021	6:30 AM	29.636	0	0	0.116	0	66.8	61	52.9	66.2	11.25	0.0736	304	7	100	15
7/4/2021	6:45 AM	29.642	0	0	0.112	0	66.9	61	53	66.3	11.25	0.0736	303	7	100	15
7/4/2021	7:00 AM	29.644	0	0	0.112	0	67.1	61	53.2	66.5	11.25	0.0736	303	7	100	15
7/4/2021	7:15 AM	29.645	0	0	0.103	0	67.3	62	53.8	66.8	11.4	0.0736	302	7	100	15
7/4/2021	7:30 AM	29.647	0	0	0.092	0	67.9	62	54.4	67.5	11.39	0.0735	304	7	100	15
7/4/2021	7:45 AM	29.65	0	0	0.071	0	68.3	62	54.8	68	11.38	0.0734	304	7	100	15
7/4/2021	8:00 AM	29.649	0	0	0.056	0	68.7	62	55.2	68.4	11.38	0.0733	304	7	100	15
7/4/2021	8:15 AM	29.654	0	0	0.048	0	69.2	62	55.6	68.9	11.37	0.0733	305	7	100	15
7/4/2021	8:30 AM	29.659	0	0	0.04	0	69.8	62	56.2	69.4	11.35	0.0732	303	7	100	15
7/4/2021	8:45 AM	29.659	0	0	0.035	0	70.5	62	56.9	70.2	11.34	0.073	302	7	100	15
7/4/2021	9:00 AM	29.656	0	0	0.029	0	71	62	57.3	70.8	11.33	0.0729	305	7	100	15
7/4/2021	9:15 AM	29.655	0	0	0.02	0	71.7	61	57.5	71.6	11.18	0.0728	305	7	100	15
7/4/2021	9:30 AM	29.655	0	0	0.01	0	72.4	61	58.2	72.5	11.15	0.0727	306	7	100	15
7/4/2021	9:45 AM	29.653	0	0	0	0.002	73.2	60	58.5	73.4	10.99	0.0726	306	7	100	15
7/4/2021	10:00 AM	29.656	0	0	0	0.01	74	60	59.2	74.4	10.97	0.0724	303	7	100	15
7/4/2021	10:15 AM	29.656	0	0	0	0.022	75.1	59	59.8	75.5	10.75	0.0723	304	7	100	15
7/4/2021	10:30 AM	29.657	0	0	0	0.039	76.8	58	60.9	77.2	10.48	0.072	305	7	100	15
7/4/2021	10:45 AM	29.657	0	0	0	0.05	78.6	57	62.1	79.2	10.21	0.0717	305	7	100	15
7/4/2021	11:00 AM	29.657	0	0	0	0.053	79.5	56	62.4	80.2	10.07	0.0716	305	7	100	15
7/4/2021	11:15 AM	29.655	0	0	0	0.059	80.9	55	63.2	81.9	9.85	0.0713	304	7	100	15
7/4/2021	11:30 AM	29.654	0	0	0	0.068	81.8	54	63.5	82.9	9.75	0.0712	306	7	100	15
7/4/2021	11:45 AM	29.655	0	0	0	0.077	82.6	53	63.7	83.8	9.6	0.0711	300	7	100	15
7/4/2021	12:00 PM	29.652	0	0	0	0.088	83.6	52	64.1	85.1	9.38	0.0709	302	7	100	15
7/4/2021	12:15 PM	29.65	0	0	0	0.089	84.4	51	64.3	86	9.26	0.0708	304	7	100	15
7/4/2021	12:30 PM	29.641	0	0	0	0.098	85.1	50	64.4	86.7	9.05	0.0707	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/4/2021	12:45 PM	75.7	75.8	74.4	63	62.2	1	S	0.25	5	SSE	75.7	76.4	76.4
7/4/2021	1:00 PM	75.9	75.9	75.2	61	61.5	2	W	0.5	6	N	75.9	76.5	76.5
7/4/2021	1:15 PM	76.1	76.1	75.8	62	62.1	1	WSW	0.25	5	NNW	76.1	76.8	76.8
7/4/2021	1:30 PM	77	77.3	76.2	66	64.8	1	WSW	0.25	4	WNW	77	78.2	78.2
7/4/2021	1:45 PM	76.9	77.4	76.6	70	66.4	2	W	0.5	8	NNE	76.9	78.5	78.5
7/4/2021	2:00 PM	78.1	78.1	77	62	64	2	NW	0.5	4	S	78.1	79.1	79.1
7/4/2021	2:15 PM	76.8	78.1	76.8	63	63.2	2	WSW	0.5	5	NW	76.8	77.6	77.6
7/4/2021	2:30 PM	76.6	76.8	76.5	66	64.4	1	SW	0.25	4	WSW	76.6	77.7	77.7
7/4/2021	2:45 PM	78	78	76.6	63	64.4	2	WSW	0.5	9	SE	78	79.1	79.1
7/4/2021	3:00 PM	80.1	80.1	78.1	60	65	1	SSE	0.25	5	SW	80.1	81.3	81.3
7/4/2021	3:15 PM	79	80.1	78.7	63	65.3	2	WNW	0.5	9	ESE	79	80.4	80.4
7/4/2021	3:30 PM	78.7	79.3	78.6	65	65.9	2	NW	0.5	8	NNW	78.7	80.3	80.3
7/4/2021	3:45 PM	78.7	79.2	78.5	65	65.9	1	WSW	0.25	5	SSE	78.7	80.3	80.3
7/4/2021	4:00 PM	78.6	79.2	78.5	69	67.6	2	NW	0.5	4	NW	78.6	80.7	80.7
7/4/2021	4:15 PM	77.4	78.6	77.4	65	64.7	2	NW	0.5	6	SSE	77.4	78.6	78.6
7/4/2021	4:30 PM	77.9	77.9	76.7	69	66.9	1	NNW	0.25	6	W	77.9	79.7	79.7
7/4/2021	4:45 PM	80.1	80.3	77.9	62	65.9	2	WNW	0.5	6	S	80.1	81.8	81.8
7/4/2021	5:00 PM	78.7	80.1	78.7	64	65.5	2	S	0.5	6	SSE	78.7	80.1	80.1
7/4/2021	5:15 PM	77.6	78.7	77.6	66	65.3	2	WNW	0.5	7	WNW	77.6	78.9	78.9
7/4/2021	5:30 PM	76.8	77.6	76.8	66	64.6	1	SSE	0.25	4	NNW	76.8	78	78
7/4/2021	5:45 PM	77.1	77.1	76.6	67	65.3	1	S	0.25	6	SSE	77.1	78.4	78.4
7/4/2021	6:00 PM	78.4	78.4	77.1	67	66.5	1	WSW	0.25	6	WNW	78.4	80.2	80.2
7/4/2021	6:15 PM	79.3	79.5	78.5	63	65.6	1	S	0.25	6	S	79.3	80.8	80.8
7/4/2021	6:30 PM	78.4	79.3	78.4	66	66.1	1	NW	0.25	6	NNW	78.4	80	80
7/4/2021	6:45 PM	77.2	78.4	77.1	70	66.7	1	WNW	0.25	3	W	77.2	78.9	78.9
7/4/2021	7:00 PM	77.6	77.7	77.1	69	66.6	1	SSE	0.25	6	SSE	77.6	79.3	79.3
7/4/2021	7:15 PM	78.2	78.5	77.6	66	65.9	1	WSW	0.25	3	SW	78.2	79.7	79.7
7/4/2021	7:30 PM	77.8	78.5	77.8	68	66.4	1	SSE	0.25	7	SE	77.8	79.5	79.5
7/4/2021	7:45 PM	75.9	77.8	75.9	70	65.4	0	NW	0	2	S	75.9	77.3	77.3
7/4/2021	8:00 PM	75.7	75.9	75.6	71	65.6	0	NW	0	3	W	75.7	77.2	77.2
7/4/2021	8:15 PM	74.9	75.7	74.9	73	65.7	0	SSW	0	2	WNW	74.9	76.4	76.4
7/4/2021	8:30 PM	73.4	74.9	73.4	76	65.4	0	SSW	0	2	SSW	73.4	74.9	74.9
7/4/2021	8:45 PM	72.5	73.5	72.5	78	65.2	0	SSW	0	1	SSW	72.5	73.9	73.9
7/4/2021	9:00 PM	71.3	72.5	71.3	78	64.1	0	SSW	0	2	SSW	71.3	72.6	72.6
7/4/2021	9:15 PM	70.7	71.4	70.7	80	64.2	0	SSW	0	2	SSW	70.7	72.1	72.1
7/4/2021	9:30 PM	70.3	70.8	70.2	81	64.2	0	SSW	0	2	SSW	70.3	71.7	71.7
7/4/2021	9:45 PM	69.8	70.3	69.8	83	64.4	0	SSW	0	1	SSW	69.8	71.4	71.4
7/4/2021	10:00 PM	69.2	69.8	69.2	84	64.2	0	SSW	0	1	SSW	69.2	70.9	70.9
7/4/2021	10:15 PM	68.4	69.2	68.4	85	63.7	0	SE	0	3	SSE	68.4	70	70

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/4/2021	12:45 PM	29.64	0	0	0	0.111	86.3	49	64.9	88.2	8.85	0.0705	306	7	100	15
7/4/2021	1:00 PM	29.638	0	0	0	0.114	87.2	50	66.3	89.9	9.05	0.0703	302	7	100	15
7/4/2021	1:15 PM	29.63	0	0	0	0.116	87.8	49	66.3	90.6	8.85	0.0702	302	7	100	15
7/4/2021	1:30 PM	29.625	0	0	0	0.125	88.5	49	66.9	91.8	8.85	0.0701	306	7	100	15
7/4/2021	1:45 PM	29.619	0	0	0	0.124	88.8	48	66.6	91.9	8.67	0.07	303	7	100	15
7/4/2021	2:00 PM	29.619	0	0	0	0.136	89.4	48	67.1	92.9	8.66	0.0699	304	7	100	15
7/4/2021	2:15 PM	29.617	0	0	0	0.123	89.5	47	66.6	92.7	8.46	0.0699	302	7	100	15
7/4/2021	2:30 PM	29.615	0	0	0	0.121	89	47	66.2	91.9	8.47	0.07	301	7	100	15
7/4/2021	2:45 PM	29.605	0	0	0	0.135	89.2	47	66.3	92.2	8.47	0.07	305	7	100	15
7/4/2021	3:00 PM	29.606	0	0	0	0.157	90.2	47	67.2	93.9	8.45	0.0698	303	7	100	15
7/4/2021	3:15 PM	29.605	0	0	0	0.146	90.4	47	67.4	94.3	8.45	0.0698	304	7	100	15
7/4/2021	3:30 PM	29.601	0	0	0	0.143	90.7	47	67.7	94.8	8.45	0.0697	303	7	100	15
7/4/2021	3:45 PM	29.601	0	0	0	0.143	90.8	46	67.2	94.5	8.33	0.0697	304	7	100	15
7/4/2021	4:00 PM	29.598	0	0	0	0.142	90.8	47	67.8	95	8.45	0.0697	306	7	100	15
7/4/2021	4:15 PM	29.603	0	0	0	0.129	90.4	46	66.8	93.8	8.34	0.0698	302	7	100	15
7/4/2021	4:30 PM	29.601	0	0	0	0.134	89.9	46	66.3	93	8.35	0.0699	304	7	100	15
7/4/2021	4:45 PM	29.602	0	0	0	0.157	90.4	46	66.8	93.8	8.34	0.0698	304	7	100	15
7/4/2021	5:00 PM	29.604	0	0	0	0.143	90.3	46	66.7	93.6	8.34	0.0698	304	7	100	15
7/4/2021	5:15 PM	29.605	0	0	0	0.131	89.8	47	66.9	93.2	8.45	0.0699	304	7	100	15
7/4/2021	5:30 PM	29.605	0	0	0	0.123	89.3	47	66.4	92.4	8.46	0.07	303	7	100	15
7/4/2021	5:45 PM	29.605	0	0	0	0.126	89	48	66.8	92.2	8.67	0.07	304	7	100	15
7/4/2021	6:00 PM	29.608	0	0	0	0.14	88.8	48	66.6	91.9	8.67	0.07	305	7	100	15
7/4/2021	6:15 PM	29.606	0	0	0	0.149	88.9	48	66.7	92.1	8.67	0.07	305	7	100	15
7/4/2021	6:30 PM	29.609	0	0	0	0.14	88.6	49	67	91.9	8.85	0.07	306	7	100	15
7/4/2021	6:45 PM	29.609	0	0	0	0.127	88.2	49	66.6	91.2	8.85	0.0701	303	7	100	15
7/4/2021	7:00 PM	29.61	0	0	0	0.131	88	49	66.4	90.9	8.85	0.0701	303	7	100	15
7/4/2021	7:15 PM	29.612	0	0	0	0.137	87.9	50	66.9	91	9.05	0.0701	303	7	100	15
7/4/2021	7:30 PM	29.614	0	0	0	0.133	87.6	50	66.7	90.6	9.05	0.0702	301	7	100	15
7/4/2021	7:45 PM	29.616	0	0	0	0.114	87	50	66.1	89.6	9.05	0.0703	305	7	100	15
7/4/2021	8:00 PM	29.623	0	0	0	0.111	86.4	51	66.1	89	9.22	0.0704	304	7	100	15
7/4/2021	8:15 PM	29.619	0	0	0	0.103	86	51	65.8	88.3	9.23	0.0704	304	7	100	15
7/4/2021	8:30 PM	29.621	0	0	0	0.088	85.4	52	65.8	87.7	9.35	0.0705	305	7	100	15
7/4/2021	8:45 PM	29.622	0	0	0	0.078	84.8	52	65.2	86.8	9.35	0.0706	303	7	100	15
7/4/2021	9:00 PM	29.624	0	0	0	0.066	84.1	53	65.1	86	9.57	0.0707	303	7	100	15
7/4/2021	9:15 PM	29.627	0	0	0	0.059	83.5	53	64.6	85.1	9.58	0.0709	302	7	100	15
7/4/2021	9:30 PM	29.63	0	0	0	0.055	83	53	64.1	84.4	9.59	0.0709	304	7	100	15
7/4/2021	9:45 PM	29.633	0	0	0	0.05	82.5	54	64.2	83.9	9.75	0.071	301	7	100	15
7/4/2021	10:00 PM	29.637	0	0	0	0.044	82.1	54	63.8	83.3	9.75	0.0711	303	7	100	15
7/4/2021	10:15 PM	29.645	0	0	0	0.035	81.6	55	63.9	82.8	9.85	0.0712	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/4/2021	10:30 PM	68.1	68.4	68.1	86	63.8	0	---	0	0	---	68.1	69.6	69.6
7/4/2021	10:45 PM	67.3	68.1	67.3	87	63.3	0	SE	0	1	SE	67.3	68.7	68.7
7/4/2021	11:00 PM	66.5	67.3	66.5	89	63.2	0	SE	0	1	SE	66.5	67.9	67.9
7/4/2021	11:15 PM	66.1	66.5	66.1	90	63.1	0	SE	0	1	SE	66.1	67.4	67.4
7/4/2021	11:30 PM	65.9	66.1	65.9	90	62.9	0	---	0	0	---	65.9	67.2	67.2
7/4/2021	11:45 PM	65.4	65.9	65.4	91	62.7	0	SE	0	2	SE	65.4	66.6	66.6
7/5/2021	12:00 AM	64.9	65.4	64.9	92	62.5	0	SE	0	1	SE	64.9	66.1	66.1
7/5/2021	12:15 AM	65.1	65.2	64.9	92	62.7	0	SE	0	2	SE	65.1	66.3	66.3
7/5/2021	12:30 AM	65.5	65.5	65.2	91	62.8	0	ESE	0	2	ESE	65.5	66.8	66.8
7/5/2021	12:45 AM	65.2	65.5	65.2	92	62.8	0	ESE	0	2	ESE	65.2	66.5	66.5
7/5/2021	1:00 AM	65.4	65.4	65.2	93	63.3	0	ESE	0	1	ESE	65.4	66.8	66.8
7/5/2021	1:15 AM	65	65.5	65	92	62.6	0	E	0	2	ESE	65	66.2	66.2
7/5/2021	1:30 AM	63.6	64.9	63.6	92	61.2	0	E	0	2	E	63.6	64.5	64.5
7/5/2021	1:45 AM	63.1	63.5	63	95	61.6	1	E	0.25	2	E	63.1	64.1	64.1
7/5/2021	2:00 AM	63.6	63.6	63	96	62.4	0	E	0	2	E	63.6	64.9	64.9
7/5/2021	2:15 AM	63.6	63.8	63.6	95	62.1	1	E	0.25	2	E	63.6	64.7	64.7
7/5/2021	2:30 AM	63.9	63.9	63.6	95	62.4	1	E	0.25	2	E	63.9	65.1	65.1
7/5/2021	2:45 AM	64	64.1	63.8	94	62.2	0	E	0	2	E	64	65.1	65.1
7/5/2021	3:00 AM	63.3	64	63.3	93	61.2	0	E	0	2	E	63.3	64.2	64.2
7/5/2021	3:15 AM	62.5	63.3	62.4	94	60.7	1	E	0.25	2	E	62.5	63.3	63.3
7/5/2021	3:30 AM	62.6	62.6	62.4	96	61.4	0	E	0	2	E	62.6	63.7	63.7
7/5/2021	3:45 AM	63.2	63.2	62.6	96	62	0	E	0	2	E	63.2	64.4	64.4
7/5/2021	4:00 AM	63.8	63.8	63.2	96	62.6	0	NE	0	2	ENE	63.8	65.1	65.1
7/5/2021	4:15 AM	63.9	64	63.7	94	62.1	1	E	0.25	2	ENE	63.9	65	65
7/5/2021	4:30 AM	63.8	63.9	63.8	94	62	0	E	0	2	ESE	63.8	64.9	64.9
7/5/2021	4:45 AM	62.9	63.8	62.9	94	61.1	0	E	0	2	E	62.9	63.8	63.8
7/5/2021	5:00 AM	62.2	62.9	62.2	95	60.8	0	E	0	1	E	62.2	63	63
7/5/2021	5:15 AM	62	62.2	61.8	96	60.8	1	E	0.25	1	E	62	62.9	62.9
7/5/2021	5:30 AM	62.6	62.6	62	97	61.7	0	E	0	1	E	62.6	63.8	63.8
7/5/2021	5:45 AM	62.4	62.6	62.3	96	61.2	0	---	0	0	---	62.4	63.4	63.4
7/5/2021	6:00 AM	62.7	62.7	62.4	97	61.8	0	E	0	1	E	62.7	63.9	63.9
7/5/2021	6:15 AM	63.1	63.1	62.7	96	61.9	0	E	0	1	E	63.1	64.3	64.3
7/5/2021	6:30 AM	63.5	63.5	63	95	62	0	E	0	1	E	63.5	64.6	64.6
7/5/2021	6:45 AM	63.6	63.8	63.4	94	61.8	1	E	0.25	2	E	63.6	64.7	64.7
7/5/2021	7:00 AM	63.3	63.6	63.3	95	61.8	0	E	0	2	E	63.3	64.4	64.4
7/5/2021	7:15 AM	63.6	63.7	63.3	95	62.1	0	E	0	1	E	63.6	64.7	64.7
7/5/2021	7:30 AM	63.9	63.9	63.6	95	62.4	1	E	0.25	2	E	63.9	65.1	65.1
7/5/2021	7:45 AM	65.3	65.3	63.9	94	63.5	1	E	0.25	2	E	65.3	66.7	66.7
7/5/2021	8:00 AM	67.2	67.2	65.4	91	64.5	1	ENE	0.25	2	ENE	67.2	68.9	68.9

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/4/2021	10:30 PM	29.648	0	0	0	0.032	81.3	55	63.6	82.4	9.85	0.0712	302	7	100	15
7/4/2021	10:45 PM	29.654	0	0	0	0.024	80.8	56	63.6	81.9	10.05	0.0713	299	7	100	15
7/4/2021	11:00 PM	29.655	0	0	0	0.016	80.4	56	63.3	81.3	10.05	0.0714	303	7	100	15
7/4/2021	11:15 PM	29.657	0	0	0	0.011	80.2	57	63.6	81.2	10.15	0.0714	304	7	100	15
7/4/2021	11:30 PM	29.659	0	0	0	0.009	79.8	57	63.2	80.7	10.16	0.0715	305	7	100	15
7/4/2021	11:45 PM	29.661	0	0	0	0.004	79.5	57	62.9	80.3	10.17	0.0715	304	7	100	15
7/5/2021	12:00 AM	29.663	0	0	0.001	0	79.2	58	63.1	80	10.38	0.0716	303	7	100	15
7/5/2021	12:15 AM	29.665	0	0	0	0.001	78.9	58	62.9	79.6	10.39	0.0716	304	7	100	15
7/5/2021	12:30 AM	29.667	0	0	0	0.005	78.7	58	62.7	79.4	10.4	0.0717	304	7	100	15
7/5/2021	12:45 AM	29.669	0	0	0	0.002	78.5	59	63	79.2	10.61	0.0717	304	7	100	15
7/5/2021	1:00 AM	29.665	0	0	0	0.004	78.3	59	62.8	79	10.62	0.0717	306	7	100	15
7/5/2021	1:15 AM	29.665	0	0	0	0	78.2	59	62.7	78.9	10.62	0.0717	301	7	100	15
7/5/2021	1:30 AM	29.66	0	0	0.015	0	78	59	62.5	78.6	10.63	0.0718	304	7	100	15
7/5/2021	1:45 AM	29.658	0	0	0.02	0	77.6	60	62.6	78.2	10.85	0.0718	305	7	100	15
7/5/2021	2:00 AM	29.657	0	0	0.015	0	77.3	60	62.3	77.9	10.86	0.0719	302	7	100	15
7/5/2021	2:15 AM	29.652	0	0	0.015	0	77.2	60	62.2	77.7	10.86	0.0719	302	7	100	15
7/5/2021	2:30 AM	29.651	0	0	0.011	0	77	60	62	77.5	10.87	0.0719	300	7	100	15
7/5/2021	2:45 AM	29.654	0	0	0.01	0	77	61	62.5	77.6	11.01	0.0719	305	7	100	15
7/5/2021	3:00 AM	29.653	0	0	0.018	0	76.8	61	62.3	77.4	11.01	0.0719	302	7	100	15
7/5/2021	3:15 AM	29.654	0	0	0.026	0	76.5	61	62	77.1	11.02	0.072	305	7	100	15
7/5/2021	3:30 AM	29.655	0	0	0.025	0	76.3	61	61.9	76.9	11.02	0.072	304	7	100	15
7/5/2021	3:45 AM	29.652	0	0	0.019	0	76.2	61	61.8	76.8	11.03	0.072	304	7	100	15
7/5/2021	4:00 AM	29.653	0	0	0.013	0	76.2	62	62.2	76.9	11.23	0.072	304	7	100	15
7/5/2021	4:15 AM	29.652	0	0	0.011	0	76.2	62	62.2	76.9	11.23	0.072	302	7	100	15
7/5/2021	4:30 AM	29.65	0	0	0.013	0	76	62	62	76.7	11.23	0.072	302	7	100	15
7/5/2021	4:45 AM	29.652	0	0	0.022	0	75.9	62	61.9	76.6	11.23	0.0721	302	7	100	15
7/5/2021	5:00 AM	29.651	0	0	0.029	0	75.6	62	61.7	76.2	11.24	0.0721	304	7	100	15
7/5/2021	5:15 AM	29.654	0	0	0.031	0	75.4	62	61.5	76	11.24	0.0721	300	7	100	15
7/5/2021	5:30 AM	29.659	0	0	0.025	0	75.5	62	61.6	76.1	11.24	0.0721	301	7	100	15
7/5/2021	5:45 AM	29.661	0	0	0.027	0	75.7	63	62.2	76.4	11.44	0.0721	299	7	100	15
7/5/2021	6:00 AM	29.664	0	0	0.024	0	75.7	63	62.2	76.4	11.44	0.0721	305	7	100	15
7/5/2021	6:15 AM	29.671	0	0	0.02	0	75.7	63	62.2	76.4	11.44	0.0721	305	7	100	15
7/5/2021	6:30 AM	29.677	0	0	0.016	0	75.7	63	62.2	76.4	11.44	0.0721	304	7	100	15
7/5/2021	6:45 AM	29.679	0	0	0.015	0	75.8	63	62.3	76.5	11.43	0.0721	305	7	100	15
7/5/2021	7:00 AM	29.688	0	0	0.018	0	75.7	63	62.2	76.4	11.44	0.0722	305	7	100	15
7/5/2021	7:15 AM	29.692	0	0	0.015	0	75.8	63	62.3	76.5	11.43	0.0721	300	7	100	15
7/5/2021	7:30 AM	29.695	0	0	0.011	0	76.1	63	62.6	76.9	11.43	0.0721	304	7	100	15
7/5/2021	7:45 AM	29.699	0	0	0	0.003	76.4	63	62.9	77.2	11.42	0.0721	304	7	100	15
7/5/2021	8:00 AM	29.703	0	0	0	0.023	76.7	63	63.2	77.5	11.42	0.072	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/5/2021	8:15 AM	68.5	68.5	67.2	88	64.8	1	ENE	0.25	2	ENE	68.5	70.3	70.3
7/5/2021	8:30 AM	69	69	68.5	86	64.6	1	NE	0.25	2	ENE	69	70.9	70.9
7/5/2021	8:45 AM	69.6	69.6	69	85	64.9	0	NE	0	2	ENE	69.6	71.3	71.3
7/5/2021	9:00 AM	70.1	70.1	69.6	86	65.7	0	SSE	0	2	SE	70.1	71.9	71.9
7/5/2021	9:15 AM	71	71	70.1	83	65.6	0	WNW	0	2	W	71	72.7	72.7
7/5/2021	9:30 AM	71.5	71.5	70.9	81	65.4	1	WSW	0.25	2	W	71.5	73.1	73.1
7/5/2021	9:45 AM	72.5	72.5	71.5	81	66.3	1	W	0.25	2	W	72.5	74.1	74.1
7/5/2021	10:00 AM	73.6	73.6	72.5	79	66.7	1	NW	0.25	4	WNW	73.6	75.3	75.3
7/5/2021	10:15 AM	74.3	74.3	73.6	79	67.4	1	NW	0.25	3	NW	74.3	76.2	76.2
7/5/2021	10:30 AM	75.2	75.2	74.3	81	69	1	WNW	0.25	3	W	75.2	77.4	77.4
7/5/2021	10:45 AM	76.3	76.3	75.3	77	68.6	1	NW	0.25	5	NW	76.3	78.5	78.5
7/5/2021	11:00 AM	76.5	76.5	76.2	78	69.1	1	SSW	0.25	3	SW	76.5	78.8	78.8
7/5/2021	11:15 AM	76.7	76.8	76.4	74	67.8	1	NNE	0.25	5	NW	76.7	78.7	78.7
7/5/2021	11:30 AM	78.6	78.6	76.7	68	67.2	1	W	0.25	3	W	78.6	80.6	80.6
7/5/2021	11:45 AM	80.2	80.2	78.6	67	68.2	1	S	0.25	4	NE	80.2	82.9	82.9
7/5/2021	12:00 PM	80.8	80.8	80.1	65	67.9	2	NE	0.5	4	ENE	80.8	83.4	83.4
7/5/2021	12:15 PM	81.5	81.6	80.8	62	67.2	1	W	0.25	4	WSW	81.5	83.9	83.9
7/5/2021	12:30 PM	79.3	81.5	79.3	62	65.1	1	WNW	0.25	5	NNW	79.3	80.6	80.6
7/5/2021	12:45 PM	80	80	79.3	59	64.4	1	SW	0.25	5	ENE	80	81.1	81.1
7/5/2021	1:00 PM	81.8	81.8	80	53	63	2	ENE	0.5	4	NE	81.8	82.8	82.8
7/5/2021	1:15 PM	82.3	82.4	81.7	57	65.5	2	ENE	0.5	5	ENE	82.3	84.1	84.1
7/5/2021	1:30 PM	83.3	83.3	82.3	54	64.9	1	WNW	0.25	3	NW	83.3	85	85
7/5/2021	1:45 PM	83.6	84	83.3	60	68.2	2	WNW	0.5	6	WNW	83.6	86.8	86.8
7/5/2021	2:00 PM	81.9	83.6	81.9	62	67.6	1	NNW	0.25	5	NE	81.9	84.5	84.5
7/5/2021	2:15 PM	82.7	82.7	81.4	61	67.9	1	WSW	0.25	3	NW	82.7	85.6	85.6
7/5/2021	2:30 PM	84.2	84.2	82.7	54	65.8	1	WSW	0.25	4	WNW	84.2	86.4	86.4
7/5/2021	2:45 PM	85.2	85.3	84.2	54	66.7	2	W	0.5	5	NE	85.2	88	88
7/5/2021	3:00 PM	85.2	85.6	85.1	52	65.6	1	WSW	0.25	5	S	85.2	87.4	87.4
7/5/2021	3:15 PM	85.1	85.4	84.8	54	66.6	2	ESE	0.5	4	SE	85.1	87.8	87.8
7/5/2021	3:30 PM	85.6	86	85	52	66	1	NNW	0.25	5	SSW	85.6	88	88
7/5/2021	3:45 PM	86.1	86.2	85.6	55	68	2	WNW	0.5	5	ENE	86.1	89.7	89.7
7/5/2021	4:00 PM	85.3	86.1	85.2	55	67.3	2	ENE	0.5	5	ENE	85.3	88.4	88.4
7/5/2021	4:15 PM	84.8	85.3	84.7	56	67.4	1	ENE	0.25	3	NE	84.8	87.9	87.9
7/5/2021	4:30 PM	83.9	84.8	83.7	61	69	1	E	0.25	4	E	83.9	87.6	87.6
7/5/2021	4:45 PM	84.8	84.8	83.8	61	69.9	1	S	0.25	2	E	84.8	89.3	89.3
7/5/2021	5:00 PM	86.7	86.7	84.8	51	66.4	1	NW	0.25	3	NW	86.7	89.4	89.4
7/5/2021	5:15 PM	86.9	87	86.6	51	66.6	1	ENE	0.25	3	NW	86.9	89.8	89.8
7/5/2021	5:30 PM	86.4	86.9	86.4	50	65.6	1	NW	0.25	3	WNW	86.4	88.6	88.6
7/5/2021	5:45 PM	86.5	86.5	86.1	54	67.9	0	SSW	0	2	W	86.5	90.1	90.1

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/5/2021	8:15 AM	29.707	0	0	0	0.036	77.1	63	63.5	78	11.41	0.0719	303	7	100	15
7/5/2021	8:30 AM	29.71	0	0	0	0.042	77.7	63	64.1	78.7	11.4	0.0718	301	7	100	15
7/5/2021	8:45 AM	29.714	0	0	0	0.048	78.2	63	64.6	79.3	11.39	0.0718	301	7	100	15
7/5/2021	9:00 AM	29.714	0	0	0	0.053	78.8	63	65.1	80.1	11.37	0.0717	303	7	100	15
7/5/2021	9:15 AM	29.712	0	0	0	0.063	79.4	63	65.7	80.9	11.36	0.0715	300	7	100	15
7/5/2021	9:30 AM	29.714	0	0	0	0.068	80.1	62	65.9	81.8	11.15	0.0714	303	7	100	15
7/5/2021	9:45 AM	29.717	0	0	0	0.078	81	62	66.8	83.1	11.13	0.0713	303	7	100	15
7/5/2021	10:00 AM	29.717	0	0	0	0.09	82.1	61	67.3	84.6	10.95	0.0711	306	7	100	15
7/5/2021	10:15 AM	29.717	0	0	0	0.097	83.1	61	68.3	86.3	10.95	0.0709	303	7	100	15
7/5/2021	10:30 AM	29.72	0	0	0	0.106	84.4	60	69	88.2	10.75	0.0707	301	7	100	15
7/5/2021	10:45 AM	29.719	0	0	0	0.118	85.9	59	69.9	90.7	10.53	0.0705	302	7	100	15
7/5/2021	11:00 AM	29.72	0	0	0	0.12	87.1	58	70.5	92.6	10.31	0.0703	305	7	100	15
7/5/2021	11:15 AM	29.719	0	0	0	0.122	88.1	57	70.9	94.2	10.13	0.0701	303	7	100	15
7/5/2021	11:30 AM	29.72	0	0	0	0.142	89	56	71.3	95.6	9.97	0.07	306	7	100	15
7/5/2021	11:45 AM	29.716	0	0	0	0.158	90.1	54	71.2	96.9	9.65	0.0698	302	7	100	15
7/5/2021	12:00 PM	29.716	0	0	0	0.165	91.2	53	71.7	98.7	9.4	0.0697	301	7	100	15
7/5/2021	12:15 PM	29.718	0	0	0	0.172	91.8	52	71.7	99.4	9.28	0.0696	304	7	100	15
7/5/2021	12:30 PM	29.714	0	0	0	0.149	91.5	51	70.8	98.3	9.12	0.0697	303	7	100	15
7/5/2021	12:45 PM	29.716	0	0	0	0.156	91	51	70.4	97.2	9.13	0.0698	303	7	100	15
7/5/2021	1:00 PM	29.712	0	0	0	0.175	92	49	70.1	98.2	8.81	0.0697	305	7	100	15
7/5/2021	1:15 PM	29.709	0	0	0	0.18	93	48	70.4	99.7	8.59	0.0695	303	7	100	15
7/5/2021	1:30 PM	29.707	0	0	0	0.191	93.8	48	71.1	101.4	8.57	0.0694	299	7	100	15
7/5/2021	1:45 PM	29.701	0	0	0	0.194	94.5	47	71.2	102.3	8.45	0.0692	299	7	100	15
7/5/2021	2:00 PM	29.701	0	0	0	0.176	94.1	46	70.2	100.8	8.27	0.0694	304	7	100	15
7/5/2021	2:15 PM	29.698	0	0	0	0.184	93.4	48	70.8	100.6	8.58	0.0694	303	7	100	15
7/5/2021	2:30 PM	29.691	0	0	0	0.2	94.4	47	71.1	102	8.45	0.0692	303	7	100	15
7/5/2021	2:45 PM	29.689	0	0	0	0.21	95.1	46	71.1	102.9	8.25	0.0692	304	7	100	15
7/5/2021	3:00 PM	29.691	0	0	0	0.21	95.5	45	70.8	103.1	8.14	0.0691	303	7	100	15
7/5/2021	3:15 PM	29.685	0	0	0	0.209	96.1	44	70.7	103.8	7.93	0.069	303	7	100	15
7/5/2021	3:30 PM	29.682	0	0	0	0.215	96.4	44	70.9	104.4	7.92	0.069	303	7	100	15
7/5/2021	3:45 PM	29.68	0	0	0	0.22	96.7	43	70.5	104.4	7.75	0.069	302	7	100	15
7/5/2021	4:00 PM	29.676	0	0	0	0.211	96.7	43	70.5	104.4	7.75	0.069	305	7	100	15
7/5/2021	4:15 PM	29.675	0	0	0	0.206	96.1	43	70	103.2	7.75	0.0691	306	7	100	15
7/5/2021	4:30 PM	29.672	0	0	0	0.197	95.4	44	70	102.3	7.94	0.0691	306	7	100	15
7/5/2021	4:45 PM	29.664	0	0	0	0.206	95	44	69.7	101.4	7.95	0.0692	306	7	100	15
7/5/2021	5:00 PM	29.664	0	0	0	0.226	94.8	44	69.5	101	7.95	0.0692	301	7	100	15
7/5/2021	5:15 PM	29.664	0	0	0	0.228	94.6	43	68.6	100.1	7.77	0.0693	306	7	100	15
7/5/2021	5:30 PM	29.662	0	0	0	0.223	94.3	44	69	100.1	7.96	0.0693	305	7	100	15
7/5/2021	5:45 PM	29.661	0	0	0	0.224	93.9	45	69.3	99.8	8.15	0.0693	300	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/5/2021	6:00 PM	86.8	86.9	86.5	53	67.6	0	SSW	0	3	NNE	86.8	90.3	90.3
7/5/2021	6:15 PM	86.8	87.4	86.8	50	65.9	1	NE	0.25	4	NNE	86.8	89.3	89.3
7/5/2021	6:30 PM	85.9	86.8	85.9	49	64.5	2	E	0.5	4	NE	85.9	87.6	87.6
7/5/2021	6:45 PM	86.1	86.1	85.8	51	65.9	0	ENE	0	2	ENE	86.1	88.5	88.5
7/5/2021	7:00 PM	85.3	86.1	85.3	56	67.8	0	ENE	0	1	ENE	85.3	88.7	88.7
7/5/2021	7:15 PM	84.2	85.3	84.2	61	69.3	1	SSE	0.25	3	SSE	84.2	88.2	88.2
7/5/2021	7:30 PM	82.8	84.2	82.8	59	67	0	SSE	0	2	SSE	82.8	85.3	85.3
7/5/2021	7:45 PM	81.9	82.7	81.9	62	67.6	0	S	0	2	S	81.9	84.5	84.5
7/5/2021	8:00 PM	80.4	81.9	80.4	62	66.2	1	S	0.25	2	S	80.4	82.2	82.2
7/5/2021	8:15 PM	79.1	80.4	79.1	64	65.9	0	S	0	1	S	79.1	80.7	80.7
7/5/2021	8:30 PM	77.9	79.1	77.9	64	64.7	0	S	0	2	S	77.9	79.1	79.1
7/5/2021	8:45 PM	77.1	77.9	77	66	64.9	0	S	0	1	S	77.1	78.3	78.3
7/5/2021	9:00 PM	75.9	77.1	75.9	67	64.2	0	S	0	1	S	75.9	77	77
7/5/2021	9:15 PM	74.9	75.9	74.9	69	64	0	S	0	1	S	74.9	76.1	76.1
7/5/2021	9:30 PM	74	74.9	74	70	63.6	0	---	0	0	---	74	75.1	75.1
7/5/2021	9:45 PM	73.2	74	73.2	73	64	0	SSE	0	2	SSE	73.2	74.4	74.4
7/5/2021	10:00 PM	73	73.2	72.6	74	64.2	1	E	0.25	2	E	73	74.2	74.2
7/5/2021	10:15 PM	72.4	73	72.3	76	64.4	1	E	0.25	2	E	72.4	73.7	73.7
7/5/2021	10:30 PM	71.6	72.3	71.6	78	64.4	1	E	0.25	2	E	71.6	72.9	72.9
7/5/2021	10:45 PM	70.8	71.7	70.8	81	64.7	1	E	0.25	2	E	70.8	72.3	72.3
7/5/2021	11:00 PM	70.2	70.8	70.1	82	64.4	1	E	0.25	2	E	70.2	71.7	71.7
7/5/2021	11:15 PM	69.4	70.1	69.2	84	64.4	1	E	0.25	3	ENE	69.4	71.1	71.1
7/5/2021	11:30 PM	70.3	70.3	69.4	83	64.9	0	ENE	0	2	ENE	70.3	71.9	71.9
7/5/2021	11:45 PM	70.3	70.5	70.2	83	64.9	0	ENE	0	1	ENE	70.3	71.9	71.9
7/6/2021	12:00 AM	70.3	70.3	70.2	84	65.2	0	E	0	2	E	70.3	72	72
7/6/2021	12:15 AM	70.1	70.3	70	85	65.4	0	E	0	1	E	70.1	71.8	71.8
7/6/2021	12:30 AM	69.6	70.1	69.6	85	64.9	0	E	0	2	E	69.6	71.3	71.3
7/6/2021	12:45 AM	69.2	69.6	69.2	87	65.2	0	E	0	2	E	69.2	71.1	71.1
7/6/2021	1:00 AM	68.9	69.2	68.8	87	64.9	1	E	0.25	2	E	68.9	70.8	70.8
7/6/2021	1:15 AM	68.7	68.9	68.6	88	65	1	E	0.25	2	E	68.7	70.6	70.6
7/6/2021	1:30 AM	68.5	68.7	68.5	88	64.8	0	E	0	1	E	68.5	70.3	70.3
7/6/2021	1:45 AM	68.3	68.5	68.3	88	64.6	1	E	0.25	3	E	68.3	70	70
7/6/2021	2:00 AM	68.1	68.3	68.1	88	64.4	1	E	0.25	4	NE	68.1	69.8	69.8
7/6/2021	2:15 AM	67.7	68.2	67.7	89	64.3	2	E	0.5	3	E	67.7	69.4	69.4
7/6/2021	2:30 AM	67.5	67.7	67.5	89	64.1	1	ENE	0.25	2	ENE	67.5	69.1	69.1
7/6/2021	2:45 AM	67.6	67.7	67.5	88	63.9	1	ENE	0.25	3	E	67.6	69.2	69.2
7/6/2021	3:00 AM	67.3	67.6	67.3	88	63.6	1	ENE	0.25	3	E	67.3	68.8	68.8
7/6/2021	3:15 AM	67.2	67.3	67.2	88	63.5	1	E	0.25	3	E	67.2	68.7	68.7
7/6/2021	3:30 AM	67.3	67.3	67.2	87	63.3	1	E	0.25	3	ENE	67.3	68.7	68.7

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/5/2021	6:00 PM	29.661	0	0	0	0.227	93.6	46	69.7	99.8	8.28	0.0694	302	7	100	15
7/5/2021	6:15 PM	29.659	0	0	0	0.227	93.4	46	69.5	99.4	8.28	0.0694	302	7	100	15
7/5/2021	6:30 PM	29.66	0	0	0	0.218	93.2	45	68.7	98.5	8.15	0.0695	301	7	100	15
7/5/2021	6:45 PM	29.657	0	0	0	0.22	92.9	45	68.4	97.9	8.15	0.0695	304	7	100	15
7/5/2021	7:00 PM	29.657	0	0	0	0.211	92.6	45	68.2	97.3	8.15	0.0696	303	7	100	15
7/5/2021	7:15 PM	29.663	0	0	0	0.2	92.3	46	68.5	97.3	8.3	0.0696	303	7	100	15
7/5/2021	7:30 PM	29.664	0	0	0	0.185	92	46	68.3	96.7	8.31	0.0696	304	7	100	15
7/5/2021	7:45 PM	29.667	0	0	0	0.176	91.4	47	68.3	96.1	8.45	0.0697	304	7	100	15
7/5/2021	8:00 PM	29.668	0	0	0	0.16	90.9	47	67.9	95.1	8.45	0.0698	303	7	100	15
7/5/2021	8:15 PM	29.673	0	0	0	0.147	90.3	47	67.3	94.1	8.45	0.0699	303	7	100	15
7/5/2021	8:30 PM	29.68	0	0	0	0.134	89.6	47	66.7	92.9	8.46	0.0701	304	7	100	15
7/5/2021	8:45 PM	29.677	0	0	0	0.126	88.9	47	66.1	91.7	8.47	0.0702	306	7	100	15
7/5/2021	9:00 PM	29.683	0	0	0	0.114	88.3	47	65.5	90.7	8.48	0.0703	303	7	100	15
7/5/2021	9:15 PM	29.684	0	0	0	0.103	87.6	48	65.5	89.9	8.7	0.0704	303	7	100	15
7/5/2021	9:30 PM	29.685	0	0	0	0.094	87.1	48	65	89.2	8.71	0.0705	303	7	100	15
7/5/2021	9:45 PM	29.687	0	0	0	0.085	86.6	48	64.6	88.4	8.72	0.0706	301	7	100	15
7/5/2021	10:00 PM	29.693	0	0	0	0.083	86.2	49	64.8	88.1	8.85	0.0706	305	7	100	15
7/5/2021	10:15 PM	29.692	0	0	0	0.077	85.8	49	64.4	87.5	8.85	0.0707	304	7	100	15
7/5/2021	10:30 PM	29.699	0	0	0	0.069	85.3	50	64.6	87	9.05	0.0708	306	7	100	15
7/5/2021	10:45 PM	29.699	0	0	0	0.06	84.8	51	64.7	86.6	9.25	0.0709	304	7	100	15
7/5/2021	11:00 PM	29.701	0	0	0	0.054	84.4	51	64.3	86	9.26	0.0709	306	7	100	15
7/5/2021	11:15 PM	29.702	0	0	0	0.046	84	52	64.5	85.6	9.37	0.071	302	7	100	15
7/5/2021	11:30 PM	29.705	0	0	0	0.055	83.6	52	64.1	85.1	9.38	0.0711	304	7	100	15
7/5/2021	11:45 PM	29.707	0	0	0	0.055	83.3	53	64.4	84.8	9.58	0.0711	304	7	100	15
7/6/2021	12:00 AM	29.708	0	0	0	0.055	83	54	64.6	84.6	9.75	0.0711	302	7	100	15
7/6/2021	12:15 AM	29.713	0	0	0	0.053	82.7	54	64.4	84.2	9.75	0.0712	302	7	100	15
7/6/2021	12:30 AM	29.711	0	0	0	0.048	82.5	55	64.7	84.1	9.85	0.0712	302	7	100	15
7/6/2021	12:45 AM	29.71	0	0	0	0.044	82.2	55	64.4	83.6	9.85	0.0712	303	7	100	15
7/6/2021	1:00 AM	29.709	0	0	0	0.041	82	56	64.8	83.5	10.05	0.0712	305	7	100	15
7/6/2021	1:15 AM	29.708	0	0	0	0.039	81.6	56	64.4	82.9	10.05	0.0713	305	7	100	15
7/6/2021	1:30 AM	29.709	0	0	0	0.036	81.5	56	64.3	82.8	10.05	0.0713	304	7	100	15
7/6/2021	1:45 AM	29.706	0	0	0	0.034	81.1	57	64.4	82.4	10.17	0.0714	304	7	100	15
7/6/2021	2:00 AM	29.707	0	0	0	0.032	80.8	58	64.6	82.1	10.35	0.0714	305	7	100	15
7/6/2021	2:15 AM	29.704	0	0	0	0.028	80.5	58	64.4	81.7	10.35	0.0714	303	7	100	15
7/6/2021	2:30 AM	29.705	0	0	0	0.026	80.3	58	64.2	81.4	10.35	0.0715	302	7	100	15
7/6/2021	2:45 AM	29.705	0	0	0	0.027	80.1	58	64	81.1	10.35	0.0715	304	7	100	15
7/6/2021	3:00 AM	29.706	0	0	0	0.024	79.8	58	63.7	80.7	10.36	0.0716	304	7	100	15
7/6/2021	3:15 AM	29.708	0	0	0	0.023	79.6	58	63.5	80.5	10.37	0.0716	301	7	100	15
7/6/2021	3:30 AM	29.709	0	0	0	0.024	79.4	58	63.3	80.2	10.37	0.0717	305	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/6/2021	3:45 AM	67	67.3	67	88	63.3	1	E	0.25	2	E	67	68.4	68.4
7/6/2021	4:00 AM	66.2	67	66.2	88	62.5	0	E	0	1	E	66.2	67.4	67.4
7/6/2021	4:15 AM	65.3	66.3	65.3	90	62.3	0	E	0	1	E	65.3	66.5	66.5
7/6/2021	4:30 AM	64.7	65.3	64.6	92	62.3	0	E	0	2	E	64.7	65.9	65.9
7/6/2021	4:45 AM	64.8	64.8	64.6	91	62.1	0	E	0	2	E	64.8	65.9	65.9
7/6/2021	5:00 AM	65	65	64.7	90	62	1	ENE	0.25	3	ENE	65	66.1	66.1
7/6/2021	5:15 AM	65.2	65.3	65	89	61.9	0	E	0	2	ENE	65.2	66.3	66.3
7/6/2021	5:30 AM	64.5	65.2	64.5	91	61.8	0	E	0	1	E	64.5	65.6	65.6
7/6/2021	5:45 AM	64.4	64.6	64.4	91	61.7	0	E	0	1	E	64.4	65.4	65.4
7/6/2021	6:00 AM	64	64.4	64	92	61.6	0	E	0	1	E	64	65	65
7/6/2021	6:15 AM	63.6	64.1	63.6	90	60.6	0	ESE	0	2	E	63.6	64.4	64.4
7/6/2021	6:30 AM	62	63.5	62	93	60	1	E	0.25	2	ESE	62	62.7	62.7
7/6/2021	6:45 AM	62.2	62.2	61.8	95	60.8	0	E	0	2	E	62.2	63	63
7/6/2021	7:00 AM	62.8	62.8	62.2	95	61.3	0	---	0	0	---	62.8	63.8	63.8
7/6/2021	7:15 AM	63.2	63.2	62.7	94	61.4	0	---	0	0	---	63.2	64.2	64.2
7/6/2021	7:30 AM	63.8	63.8	63.2	94	62	0	E	0	1	E	63.8	64.9	64.9
7/6/2021	7:45 AM	66.2	66.2	63.8	89	62.9	0	E	0	2	E	66.2	67.5	67.5
7/6/2021	8:00 AM	68	68	66.2	88	64.3	1	E	0.25	2	E	68	69.6	69.6
7/6/2021	8:15 AM	69.2	69.2	68	85	64.5	2	NE	0.5	4	NE	69.2	71	71
7/6/2021	8:30 AM	69.1	69.2	69	84	64.1	2	NE	0.5	4	NE	69.1	70.8	70.8
7/6/2021	8:45 AM	69.8	69.8	69	83	64.4	1	ENE	0.25	3	ENE	69.8	71.4	71.4
7/6/2021	9:00 AM	70.8	70.8	69.8	82	65	1	NE	0.25	3	NE	70.8	72.4	72.4
7/6/2021	9:15 AM	71.9	71.9	70.8	80	65.4	1	NE	0.25	4	NE	71.9	73.4	73.4
7/6/2021	9:30 AM	72.6	72.6	71.9	78	65.3	0	ENE	0	2	ENE	72.6	74.1	74.1
7/6/2021	9:45 AM	73.5	73.6	72.6	76	65.5	0	SSW	0	2	SSE	73.5	75	75
7/6/2021	10:00 AM	74.7	74.7	73.5	75	66.2	1	S	0.25	3	NW	74.7	76.3	76.3
7/6/2021	10:15 AM	75.7	75.7	74.7	72	66	1	NW	0.25	4	NW	75.7	77.3	77.3
7/6/2021	10:30 AM	76.7	76.7	75.7	71	66.6	1	SSE	0.25	2	NW	76.7	78.4	78.4
7/6/2021	10:45 AM	77.7	77.7	76.7	68	66.3	1	SSW	0.25	5	S	77.7	79.3	79.3
7/6/2021	11:00 AM	78.5	78.5	77.7	67	66.6	1	S	0.25	5	SSE	78.5	80.3	80.3
7/6/2021	11:15 AM	79.2	79.3	78.5	68	67.7	1	SW	0.25	3	W	79.2	81.5	81.5
7/6/2021	11:30 AM	80.2	80.2	79.2	67	68.2	1	SSW	0.25	4	SW	80.2	82.9	82.9
7/6/2021	11:45 AM	80.9	80.9	80.2	69	69.8	1	S	0.25	5	S	80.9	84.5	84.5
7/6/2021	12:00 PM	81.7	81.9	80.9	63	67.9	2	SW	0.5	6	NNW	81.7	84.4	84.4
7/6/2021	12:15 PM	82.4	82.4	81.7	64	69	1	W	0.25	6	N	82.4	85.9	85.9
7/6/2021	12:30 PM	82.9	83	82.3	64	69.5	2	SW	0.5	5	NNW	82.9	86.7	86.7
7/6/2021	12:45 PM	83.8	84.1	83	61	68.9	1	NW	0.25	4	SSW	83.8	87.5	87.5
7/6/2021	1:00 PM	83.9	84.1	83.6	58	67.5	2	NW	0.5	5	NNE	83.9	86.9	86.9
7/6/2021	1:15 PM	84.3	84.3	83.8	60	68.9	1	NW	0.25	4	NNW	84.3	88	88

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/6/2021	3:45 AM	29.705	0	0	0	0.021	79.2	58	63.1	80	10.38	0.0717	302	7	100	15
7/6/2021	4:00 AM	29.702	0	0	0	0.012	78.9	59	63.4	79.7	10.59	0.0717	303	7	100	15
7/6/2021	4:15 AM	29.705	0	0	0	0.003	78.6	59	63.1	79.3	10.61	0.0718	304	7	100	15
7/6/2021	4:30 AM	29.704	0	0	0.003	0	78.3	59	62.8	79	10.62	0.0718	304	7	100	15
7/6/2021	4:45 AM	29.703	0	0	0.002	0	78	59	62.5	78.6	10.63	0.0719	306	7	100	15
7/6/2021	5:00 AM	29.705	0	0	0	0	77.7	59	62.2	78.3	10.64	0.0719	303	7	100	15
7/6/2021	5:15 AM	29.706	0	0	0	0.002	77.6	59	62.1	78.1	10.65	0.0719	304	7	100	15
7/6/2021	5:30 AM	29.713	0	0	0.005	0	77.3	60	62.3	77.9	10.86	0.072	303	7	100	15
7/6/2021	5:45 AM	29.718	0	0	0.006	0	77	60	62	77.5	10.87	0.0721	305	7	100	15
7/6/2021	6:00 AM	29.723	0	0	0.01	0	76.7	60	61.8	77.2	10.88	0.0721	304	7	100	15
7/6/2021	6:15 AM	29.728	0	0	0.015	0	76.4	61	62	77	11.02	0.0722	306	7	100	15
7/6/2021	6:30 AM	29.736	0	0	0.031	0	76.2	61	61.8	76.8	11.03	0.0722	304	7	100	15
7/6/2021	6:45 AM	29.735	0	0	0.029	0	76	61	61.6	76.6	11.03	0.0723	305	7	100	15
7/6/2021	7:00 AM	29.738	0	0	0.023	0	76	61	61.6	76.6	11.03	0.0723	304	7	100	15
7/6/2021	7:15 AM	29.74	0	0	0.019	0	76	62	62	76.7	11.23	0.0723	303	7	100	15
7/6/2021	7:30 AM	29.745	0	0	0.013	0	76.3	62	62.3	77	11.22	0.0722	305	7	100	15
7/6/2021	7:45 AM	29.75	0	0	0	0.012	76.6	62	62.6	77.3	11.22	0.0722	303	7	100	15
7/6/2021	8:00 AM	29.753	0	0	0	0.031	77	62	63	77.7	11.21	0.0721	301	7	100	15
7/6/2021	8:15 AM	29.756	0	0	0	0.044	77.5	62	63.5	78.3	11.2	0.072	303	7	100	15
7/6/2021	8:30 AM	29.758	0	0	0	0.043	77.9	62	63.8	78.8	11.19	0.072	305	7	100	15
7/6/2021	8:45 AM	29.762	0	0	0	0.05	78.4	61	63.8	79.3	10.98	0.0719	302	7	100	15
7/6/2021	9:00 AM	29.762	0	0	0	0.06	79	61	64.4	80.1	10.97	0.0718	303	7	100	15
7/6/2021	9:15 AM	29.758	0	0	0	0.072	79.7	61	65.1	81	10.96	0.0716	304	7	100	15
7/6/2021	9:30 AM	29.76	0	0	0	0.079	80.5	61	65.8	82.1	10.95	0.0715	304	7	100	15
7/6/2021	9:45 AM	29.763	0	0	0	0.089	81.4	60	66.2	83.3	10.75	0.0714	307	7	100	15
7/6/2021	10:00 AM	29.761	0	0	0	0.101	82.1	59	66.4	84.2	10.55	0.0713	302	7	100	15
7/6/2021	10:15 AM	29.757	0	0	0	0.111	83.2	59	67.4	85.9	10.55	0.0711	304	7	100	15
7/6/2021	10:30 AM	29.76	0	0	0	0.122	84.8	57	67.9	88.1	10.25	0.0708	305	7	100	15
7/6/2021	10:45 AM	29.761	0	0	0	0.132	86.5	55	68.4	90.4	9.82	0.0706	304	7	100	15
7/6/2021	11:00 AM	29.764	0	0	0	0.141	87.9	54	69.2	92.6	9.69	0.0704	304	7	100	15
7/6/2021	11:15 AM	29.76	0	0	0	0.148	89	53	69.6	94.3	9.47	0.0702	304	7	100	15
7/6/2021	11:30 AM	29.758	0	0	0	0.158	90.1	53	70.7	96.4	9.45	0.07	305	7	100	15
7/6/2021	11:45 AM	29.755	0	0	0	0.166	90.8	52	70.7	97.3	9.32	0.0699	305	7	100	15
7/6/2021	12:00 PM	29.751	0	0	0	0.174	91.7	51	71	98.7	9.12	0.0697	305	7	100	15
7/6/2021	12:15 PM	29.747	0	0	0	0.181	92.5	51	71.7	100.4	9.1	0.0696	305	7	100	15
7/6/2021	12:30 PM	29.741	0	0	0	0.186	93.2	51	72.4	101.9	9.09	0.0694	305	7	100	15
7/6/2021	12:45 PM	29.735	0	0	0	0.196	94	50	72.5	103	8.89	0.0693	302	7	100	15
7/6/2021	1:00 PM	29.732	0	0	0	0.197	94.6	50	73.1	104.4	8.87	0.0692	306	7	100	15
7/6/2021	1:15 PM	29.727	0	0	0	0.201	95.2	48	72.4	104.4	8.55	0.0691	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/6/2021	1:30 PM	84.9	85	84.3	57	68	2	WSW	0.5	5	SSE	84.9	88.3	88.3
7/6/2021	1:45 PM	85.1	85.5	84.9	60	69.7	2	S	0.5	5	S	85.1	89.5	89.5
7/6/2021	2:00 PM	85.6	85.6	85	55	67.6	1	N	0.25	3	S	85.6	88.9	88.9
7/6/2021	2:15 PM	86	86.1	85.6	54	67.4	2	NW	0.5	7	SE	86	89.2	89.2
7/6/2021	2:30 PM	85.2	86.4	85.2	53	66.1	2	NNW	0.5	7	WNW	85.2	87.7	87.7
7/6/2021	2:45 PM	85	85.3	84.6	58	68.6	1	WNW	0.25	5	NNE	85	88.7	88.7
7/6/2021	3:00 PM	85.4	85.9	85	54	66.9	3	ENE	0.75	9	ENE	85.4	88.3	88.3
7/6/2021	3:15 PM	84.2	85.3	83.8	63	70.2	2	E	0.5	5	ENE	84.2	88.8	88.8
7/6/2021	3:30 PM	86.7	86.8	84.2	52	67	1	NE	0.25	4	ENE	86.7	89.8	89.8
7/6/2021	3:45 PM	86.1	86.7	85.8	56	68.6	1	W	0.25	4	S	86.1	90	90
7/6/2021	4:00 PM	87.6	87.6	86.1	55	69.4	2	WNW	0.5	5	NW	87.6	92.4	92.4
7/6/2021	4:15 PM	88.4	88.4	87.7	52	68.5	1	W	0.25	4	NW	88.4	92.7	92.7
7/6/2021	4:30 PM	88.9	89	88.4	54	70.1	1	W	0.25	3	W	88.9	94.5	94.5
7/6/2021	4:45 PM	89	89	88.6	52	69.1	1	WSW	0.25	5	SSE	89	93.8	93.8
7/6/2021	5:00 PM	88.3	89.2	88.1	52	68.4	1	WSW	0.25	3	W	88.3	92.6	92.6
7/6/2021	5:15 PM	88	88.8	88	53	68.7	1	WNW	0.25	4	NNW	88	92.4	92.4
7/6/2021	5:30 PM	86.4	88	86.4	61	71.4	1	WNW	0.25	3	W	86.4	92.4	92.4
7/6/2021	5:45 PM	83.9	86.3	83.9	64	70.4	1	WSW	0.25	3	SSW	83.9	88.6	88.6
7/6/2021	6:00 PM	83.5	83.9	82.8	65	70.5	0	SSE	0	2	SSE	83.5	88.1	88.1
7/6/2021	6:15 PM	83.6	83.6	83.1	67	71.5	0	SSE	0	2	SSE	83.6	89	89
7/6/2021	6:30 PM	85.8	85.8	83.6	58	69.3	0	NE	0	2	N	85.8	90.2	90.2
7/6/2021	6:45 PM	85.5	86.1	85.5	56	68	1	ENE	0.25	3	ENE	85.5	89	89
7/6/2021	7:00 PM	85.9	86.1	85	59	69.9	1	NE	0.25	3	NE	85.9	90.7	90.7
7/6/2021	7:15 PM	84.9	86	84.9	58	68.5	1	NE	0.25	3	NE	84.9	88.6	88.6
7/6/2021	7:30 PM	84.4	84.9	84.4	62	70	1	ENE	0.25	2	E	84.4	88.9	88.9
7/6/2021	7:45 PM	83.1	84.4	83.1	62	68.7	1	ENE	0.25	5	ENE	83.1	86.5	86.5
7/6/2021	8:00 PM	82.7	83.1	82.7	60	67.4	0	ENE	0	1	ENE	82.7	85.3	85.3
7/6/2021	8:15 PM	81.4	82.7	81.4	64	68.1	0	ENE	0	1	ENE	81.4	84.2	84.2
7/6/2021	8:30 PM	79.9	81.4	79.9	64	66.6	0	ENE	0	1	ENE	79.9	81.9	81.9
7/6/2021	8:45 PM	78	79.8	78	67	66.2	0	E	0	1	ENE	78	79.6	79.6
7/6/2021	9:00 PM	76.3	77.9	76.3	71	66.2	0	E	0	2	E	76.3	77.9	77.9
7/6/2021	9:15 PM	75.3	76.3	75.3	76	67.2	0	SSE	0	2	SSE	75.3	77.1	77.1
7/6/2021	9:30 PM	74.7	75.2	74.7	75	66.2	0	SSE	0	2	SSE	74.7	76.3	76.3
7/6/2021	9:45 PM	74.5	74.8	74.4	74	65.7	1	SSE	0.25	4	SSE	74.5	76	76
7/6/2021	10:00 PM	74	74.5	74	77	66.3	0	S	0	3	S	74	75.7	75.7
7/6/2021	10:15 PM	72.1	74	72.1	80	65.6	1	ENE	0.25	3	ENE	72.1	73.6	73.6
7/6/2021	10:30 PM	72.2	72.2	72	80	65.7	1	SSE	0.25	2	ESE	72.2	73.7	73.7
7/6/2021	10:45 PM	71.3	72.2	71.3	83	65.9	0	SSE	0	1	SSE	71.3	73	73
7/6/2021	11:00 PM	69.8	71.3	69.7	86	65.4	1	ENE	0.25	3	ENE	69.8	71.6	71.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/6/2021	1:30 PM	29.726	0	0	0	0.207	95.6	47	72.2	104.7	8.43	0.0691	305	7	100	15
7/6/2021	1:45 PM	29.717	0	0	0	0.209	96.1	46	72	105.1	8.23	0.069	305	7	100	15
7/6/2021	2:00 PM	29.712	0	0	0	0.215	96.6	45	71.8	105.5	8.12	0.069	300	7	100	15
7/6/2021	2:15 PM	29.709	0	0	0	0.219	97.1	46	72.9	107.4	8.21	0.0688	305	7	100	15
7/6/2021	2:30 PM	29.702	0	0	0	0.21	97.5	45	72.6	107.5	8.1	0.0688	304	7	100	15
7/6/2021	2:45 PM	29.694	0	0	0	0.208	96.5	45	71.7	105.3	8.12	0.0689	306	7	100	15
7/6/2021	3:00 PM	29.69	0	0	0	0.213	96.9	44	71.4	105.5	7.91	0.0689	304	7	100	15
7/6/2021	3:15 PM	29.684	0	0	0	0.2	96.3	44	70.8	104.2	7.92	0.069	305	7	100	15
7/6/2021	3:30 PM	29.685	0	0	0	0.226	96.7	44	71.2	105.1	7.92	0.0689	304	7	100	15
7/6/2021	3:45 PM	29.676	0	0	0	0.22	96.4	44	70.9	104.4	7.92	0.069	305	7	100	15
7/6/2021	4:00 PM	29.672	0	0	0	0.235	96.9	44	71.4	105.5	7.91	0.0689	306	7	100	15
7/6/2021	4:15 PM	29.666	0	0	0	0.244	97.4	43	71.2	105.9	7.75	0.0688	304	7	100	15
7/6/2021	4:30 PM	29.662	0	0	0	0.249	97.5	43	71.2	106.1	7.75	0.0688	306	7	100	15
7/6/2021	4:45 PM	29.659	0	0	0	0.25	97.4	42	70.5	105.2	7.55	0.0688	306	7	100	15
7/6/2021	5:00 PM	29.657	0	0	0	0.243	96.8	43	70.6	104.6	7.75	0.0689	304	7	100	15
7/6/2021	5:15 PM	29.654	0	0	0	0.24	96.4	43	70.3	103.8	7.75	0.069	304	7	100	15
7/6/2021	5:30 PM	29.651	0	0	0	0.223	95.8	44	70.4	103.2	7.93	0.069	304	7	100	15
7/6/2021	5:45 PM	29.649	0	0	0	0.197	94.7	46	70.7	102	8.26	0.0691	304	7	100	15
7/6/2021	6:00 PM	29.64	0	0	0	0.193	93.9	46	70	100.4	8.27	0.0692	306	7	100	15
7/6/2021	6:15 PM	29.641	0	0	0	0.194	93.4	47	70.2	100	8.45	0.0693	306	7	100	15
7/6/2021	6:30 PM	29.637	0	0	0	0.217	93.5	47	70.2	100.2	8.45	0.0693	306	7	100	15
7/6/2021	6:45 PM	29.638	0	0	0	0.214	93.5	47	70.2	100.2	8.45	0.0693	304	7	100	15
7/6/2021	7:00 PM	29.639	0	0	0	0.218	93.5	46	69.6	99.6	8.28	0.0693	302	7	100	15
7/6/2021	7:15 PM	29.642	0	0	0	0.207	93.4	47	70.2	100	8.45	0.0693	306	7	100	15
7/6/2021	7:30 PM	29.646	0	0	0	0.202	93.2	47	70	99.6	8.45	0.0694	303	7	100	15
7/6/2021	7:45 PM	29.645	0	0	0	0.189	92.9	47	69.7	99	8.45	0.0694	305	7	100	15
7/6/2021	8:00 PM	29.643	0	0	0	0.184	92.5	46	68.7	97.7	8.3	0.0695	306	7	100	15
7/6/2021	8:15 PM	29.647	0	0	0	0.171	91.9	47	68.8	97	8.45	0.0696	303	7	100	15
7/6/2021	8:30 PM	29.647	0	0	0	0.155	91.1	47	68.1	95.5	8.45	0.0697	304	7	100	15
7/6/2021	8:45 PM	29.649	0	0	0	0.135	90.2	47	67.2	93.9	8.45	0.0699	301	7	100	15
7/6/2021	9:00 PM	29.652	0	0	0	0.118	89.2	48	66.9	92.6	8.67	0.07	305	7	100	15
7/6/2021	9:15 PM	29.66	0	0	0	0.107	88.3	49	66.7	91.4	8.85	0.0702	306	7	100	15
7/6/2021	9:30 PM	29.656	0	0	0	0.101	87.8	49	66.3	90.6	8.85	0.0703	305	7	100	15
7/6/2021	9:45 PM	29.664	0	0	0	0.099	87.2	50	66.3	89.9	9.05	0.0704	304	7	100	15
7/6/2021	10:00 PM	29.671	0	0	0	0.094	86.7	50	65.8	89.1	9.05	0.0705	305	7	100	15
7/6/2021	10:15 PM	29.676	0	0	0	0.074	86.2	51	65.9	88.6	9.23	0.0705	303	7	100	15
7/6/2021	10:30 PM	29.681	0	0	0	0.075	85.7	52	66	88.2	9.35	0.0706	305	7	100	15
7/6/2021	10:45 PM	29.682	0	0	0	0.066	85.2	52	65.6	87.4	9.35	0.0707	303	7	100	15
7/6/2021	11:00 PM	29.686	0	0	0	0.05	84.6	53	65.6	86.8	9.56	0.0708	307	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/6/2021	11:15 PM	70.5	70.6	69.7	84	65.4	0	ENE	0	2	ENE	70.5	72.2	72.2
7/6/2021	11:30 PM	70.3	70.8	70.3	84	65.2	0	ENE	0	1	ENE	70.3	72	72
7/6/2021	11:45 PM	70.2	70.3	70.1	85	65.5	0	ENE	0	1	ENE	70.2	71.9	71.9
7/7/2021	12:00 AM	69.7	70.2	69.5	86	65.3	0	E	0	2	E	69.7	71.5	71.5
7/7/2021	12:15 AM	70.4	70.4	69.7	85	65.7	0	SE	0	2	E	70.4	72.1	72.1
7/7/2021	12:30 AM	69.8	70.4	69.8	86	65.4	0	---	0	0	---	69.8	71.6	71.6
7/7/2021	12:45 AM	69.7	69.8	69.5	87	65.7	0	SE	0	2	SE	69.7	71.6	71.6
7/7/2021	1:00 AM	69.7	69.8	69.7	86	65.3	0	ESE	0	2	ESE	69.7	71.5	71.5
7/7/2021	1:15 AM	69.4	69.7	69.4	87	65.4	0	ESE	0	1	ESE	69.4	71.3	71.3
7/7/2021	1:30 AM	67.1	69.4	67.1	91	64.4	1	E	0.25	2	ESE	67.1	68.8	68.8
7/7/2021	1:45 AM	67.1	67.1	66.9	92	64.7	0	E	0	1	E	67.1	68.8	68.8
7/7/2021	2:00 AM	66.5	67.4	66.5	92	64.1	1	E	0.25	2	E	66.5	68.1	68.1
7/7/2021	2:15 AM	66.8	66.8	66.5	92	64.4	1	E	0.25	2	ENE	66.8	68.4	68.4
7/7/2021	2:30 AM	67	67	66.8	91	64.3	1	E	0.25	2	E	67	68.6	68.6
7/7/2021	2:45 AM	67.2	67.3	67	90	64.2	0	E	0	1	E	67.2	68.8	68.8
7/7/2021	3:00 AM	66	67.3	66	91	63.3	1	E	0.25	2	E	66	67.4	67.4
7/7/2021	3:15 AM	64.7	66	64.7	94	62.9	1	E	0.25	2	E	64.7	66	66
7/7/2021	3:30 AM	64.1	64.7	64.1	94	62.3	1	ENE	0.25	3	ENE	64.1	65.3	65.3
7/7/2021	3:45 AM	63.7	64.1	63.7	94	61.9	1	ENE	0.25	2	ENE	63.7	64.8	64.8
7/7/2021	4:00 AM	63.6	63.9	63.6	95	62.1	1	ENE	0.25	2	ENE	63.6	64.7	64.7
7/7/2021	4:15 AM	63.7	63.9	63.6	95	62.2	0	ENE	0	2	ENE	63.7	64.8	64.8
7/7/2021	4:30 AM	63.5	63.8	63.5	94	61.7	1	E	0.25	2	ENE	63.5	64.5	64.5
7/7/2021	4:45 AM	63.3	63.5	63.1	96	62.1	0	E	0	2	E	63.3	64.5	64.5
7/7/2021	5:00 AM	64.1	64.1	63.3	95	62.6	1	E	0.25	2	E	64.1	65.3	65.3
7/7/2021	5:15 AM	64.5	64.5	64.1	94	62.7	1	E	0.25	2	E	64.5	65.7	65.7
7/7/2021	5:30 AM	64.5	64.6	64.4	93	62.4	1	E	0.25	2	E	64.5	65.7	65.7
7/7/2021	5:45 AM	64.2	64.6	64.1	93	62.1	0	E	0	2	E	64.2	65.3	65.3
7/7/2021	6:00 AM	64	64.2	63.9	95	62.5	1	E	0.25	2	E	64	65.2	65.2
7/7/2021	6:15 AM	64.1	64.2	64	94	62.3	1	E	0.25	3	E	64.1	65.3	65.3
7/7/2021	6:30 AM	64.4	64.4	64.2	93	62.3	0	ENE	0	2	E	64.4	65.6	65.6
7/7/2021	6:45 AM	64.4	64.4	64.3	93	62.3	1	ENE	0.25	3	ENE	64.4	65.6	65.6
7/7/2021	7:00 AM	64.6	64.6	64.3	93	62.5	1	ENE	0.25	3	E	64.6	65.8	65.8
7/7/2021	7:15 AM	64.5	64.7	64.5	94	62.7	0	ENE	0	2	ENE	64.5	65.7	65.7
7/7/2021	7:30 AM	65.3	65.3	64.5	94	63.5	0	E	0	1	ENE	65.3	66.7	66.7
7/7/2021	7:45 AM	66.8	66.8	65.3	92	64.4	0	E	0	1	E	66.8	68.4	68.4
7/7/2021	8:00 AM	67.9	67.9	66.8	89	64.5	0	N	0	1	NE	67.9	69.6	69.6
7/7/2021	8:15 AM	69.8	69.8	67.9	86	65.4	0	N	0	2	N	69.8	71.6	71.6
7/7/2021	8:30 AM	69.6	69.9	69.6	87	65.6	1	ENE	0.25	3	ENE	69.6	71.5	71.5
7/7/2021	8:45 AM	70.4	70.4	69.6	85	65.7	2	ENE	0.5	3	ENE	70.4	72.1	72.1

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/6/2021	11:15 PM	29.685	0	0	0	0.057	84.2	53	65.2	86.2	9.57	0.0709	301	7	100	15
7/6/2021	11:30 PM	29.686	0	0	0	0.055	83.9	54	65.5	85.9	9.75	0.0709	303	7	100	15
7/6/2021	11:45 PM	29.683	0	0	0	0.054	83.5	54	65.1	85.3	9.75	0.071	305	7	100	15
7/7/2021	12:00 AM	29.688	0	0	0	0.049	83.1	55	65.3	84.9	9.85	0.071	304	7	100	15
7/7/2021	12:15 AM	29.686	0	0	0	0.056	82.7	55	64.9	84.3	9.85	0.0711	304	7	100	15
7/7/2021	12:30 AM	29.69	0	0	0	0.05	82.4	56	65.1	84.1	10.05	0.0711	305	7	100	15
7/7/2021	12:45 AM	29.694	0	0	0	0.049	82.2	56	64.9	83.8	10.05	0.0712	304	7	100	15
7/7/2021	1:00 AM	29.693	0	0	0	0.049	81.9	56	64.7	83.3	10.05	0.0712	303	7	100	15
7/7/2021	1:15 AM	29.695	0	0	0	0.046	81.7	57	65	83.2	10.18	0.0712	303	7	100	15
7/7/2021	1:30 AM	29.696	0	0	0	0.022	81.4	57	64.7	82.8	10.18	0.0713	303	7	100	15
7/7/2021	1:45 AM	29.694	0	0	0	0.022	81	57	64.3	82.3	10.17	0.0714	305	7	100	15
7/7/2021	2:00 AM	29.691	0	0	0	0.016	80.7	58	64.5	82	10.35	0.0714	305	7	100	15
7/7/2021	2:15 AM	29.69	0	0	0	0.019	80.3	58	64.2	81.4	10.35	0.0714	305	7	100	15
7/7/2021	2:30 AM	29.693	0	0	0	0.021	80.1	58	64	81.1	10.35	0.0715	304	7	100	15
7/7/2021	2:45 AM	29.693	0	0	0	0.023	79.9	59	64.3	81	10.55	0.0715	304	7	100	15
7/7/2021	3:00 AM	29.694	0	0	0	0.01	79.7	59	64.1	80.7	10.56	0.0715	305	7	100	15
7/7/2021	3:15 AM	29.697	0	0	0.003	0	79.3	59	63.7	80.2	10.58	0.0716	305	7	100	15
7/7/2021	3:30 AM	29.69	0	0	0.009	0	78.8	59	63.3	79.6	10.6	0.0717	305	7	100	15
7/7/2021	3:45 AM	29.69	0	0	0.014	0	78.5	59	63	79.2	10.61	0.0717	304	7	100	15
7/7/2021	4:00 AM	29.684	0	0	0.015	0	78.2	60	63.2	78.9	10.82	0.0718	304	7	100	15
7/7/2021	4:15 AM	29.684	0	0	0.014	0	77.9	60	62.9	78.6	10.83	0.0718	306	7	100	15
7/7/2021	4:30 AM	29.682	0	0	0.016	0	77.7	60	62.7	78.3	10.84	0.0718	305	7	100	15
7/7/2021	4:45 AM	29.681	0	0	0.018	0	77.5	60	62.5	78.1	10.85	0.0719	306	7	100	15
7/7/2021	5:00 AM	29.68	0	0	0.009	0	77.2	61	62.7	77.9	11.01	0.0719	305	7	100	15
7/7/2021	5:15 AM	29.679	0	0	0.005	0	77.1	61	62.6	77.7	11.01	0.0719	303	7	100	15
7/7/2021	5:30 AM	29.678	0	0	0.005	0	77	61	62.5	77.6	11.01	0.0719	303	7	100	15
7/7/2021	5:45 AM	29.676	0	0	0.008	0	76.8	61	62.3	77.4	11.01	0.072	305	7	100	15
7/7/2021	6:00 AM	29.678	0	0	0.01	0	76.6	62	62.6	77.3	11.22	0.072	304	7	100	15
7/7/2021	6:15 AM	29.68	0	0	0.009	0	76.4	62	62.4	77.1	11.22	0.072	305	7	100	15
7/7/2021	6:30 AM	29.685	0	0	0.006	0	76.3	62	62.3	77	11.22	0.0721	306	7	100	15
7/7/2021	6:45 AM	29.686	0	0	0.006	0	76.4	62	62.4	77.1	11.22	0.072	304	7	100	15
7/7/2021	7:00 AM	29.687	0	0	0.004	0	76.3	62	62.3	77	11.22	0.0721	302	7	100	15
7/7/2021	7:15 AM	29.688	0	0	0.005	0	76.6	63	63.1	77.4	11.42	0.072	305	7	100	15
7/7/2021	7:30 AM	29.694	0	0	0	0.003	77	63	63.4	77.9	11.41	0.0719	305	7	100	15
7/7/2021	7:45 AM	29.696	0	0	0	0.019	77.4	63	63.8	78.3	11.4	0.0719	302	7	100	15
7/7/2021	8:00 AM	29.695	0	0	0	0.03	77.7	63	64.1	78.7	11.4	0.0718	304	7	100	15
7/7/2021	8:15 AM	29.698	0	0	0	0.05	78.3	63	64.7	79.5	11.38	0.0717	305	7	100	15
7/7/2021	8:30 AM	29.693	0	0	0	0.048	79	63	65.3	80.4	11.37	0.0716	304	7	100	15
7/7/2021	8:45 AM	29.694	0	0	0	0.056	79.4	63	65.7	80.9	11.36	0.0715	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/7/2021	9:00 AM	72	72	70.5	82	66.2	2	NE	0.5	4	NE	72	73.6	73.6
7/7/2021	9:15 AM	73.3	73.3	72.1	79	66.4	1	NE	0.25	4	NE	73.3	75	75
7/7/2021	9:30 AM	74.4	74.4	73.3	78	67.1	0	NE	0	2	NE	74.4	76.2	76.2
7/7/2021	9:45 AM	74.7	74.8	74.4	78	67.4	1	ENE	0.25	3	ENE	74.7	76.6	76.6
7/7/2021	10:00 AM	74.9	74.9	74.7	76	66.8	1	ENE	0.25	3	NE	74.9	76.7	76.7
7/7/2021	10:15 AM	75.8	75.8	74.9	76	67.7	1	NE	0.25	3	NNE	75.8	77.7	77.7
7/7/2021	10:30 AM	76.7	76.7	75.8	77	68.9	1	S	0.25	3	NW	76.7	79	79
7/7/2021	10:45 AM	77.6	77.6	76.7	72	67.9	1	NNW	0.25	4	SSW	77.6	79.7	79.7
7/7/2021	11:00 AM	78.5	78.5	77.6	72	68.7	1	W	0.25	3	WNW	78.5	81.1	81.1
7/7/2021	11:15 AM	79.8	79.8	78.5	73	70.4	1	N	0.25	4	NW	79.8	83.4	83.4
7/7/2021	11:30 AM	80	80	79.6	69	68.9	1	NW	0.25	4	WSW	80	82.9	82.9
7/7/2021	11:45 AM	80	80.5	79.9	70	69.3	1	W	0.25	3	WNW	80	83.1	83.1
7/7/2021	12:00 PM	79.8	80	79.6	70	69.1	1	NW	0.25	4	NW	79.8	82.8	82.8
7/7/2021	12:15 PM	79.8	79.9	79.7	72	70	1	WNW	0.25	3	N	79.8	83.2	83.2
7/7/2021	12:30 PM	80.5	80.5	79.8	69	69.4	1	NW	0.25	2	NW	80.5	83.8	83.8
7/7/2021	12:45 PM	81.1	81.2	80.5	70	70.4	1	NW	0.25	4	SSE	81.1	85.1	85.1
7/7/2021	1:00 PM	80.9	81.2	80.9	71	70.6	1	W	0.25	2	SSW	80.9	84.9	84.9
7/7/2021	1:15 PM	80.5	80.9	80.4	69	69.4	1	NW	0.25	3	NW	80.5	83.8	83.8
7/7/2021	1:30 PM	80.1	80.5	80	72	70.3	0	SW	0	2	SSW	80.1	83.7	83.7
7/7/2021	1:45 PM	80.1	80.2	80	70	69.4	0	S	0	2	SSW	80.1	83.3	83.3
7/7/2021	2:00 PM	79.3	80.1	79.3	72	69.5	1	S	0.25	3	SSE	79.3	82.3	82.3
7/7/2021	2:15 PM	79.2	79.3	79.1	74	70.2	1	S	0.25	3	S	79.2	82.5	82.5
7/7/2021	2:30 PM	80.3	80.3	79.2	71	70	1	NW	0.25	4	NW	80.3	83.8	83.8
7/7/2021	2:45 PM	80.8	80.9	80.2	69	69.7	1	S	0.25	8	SSE	80.8	84.3	84.3
7/7/2021	3:00 PM	80.7	81.1	80.7	72	70.8	1	NW	0.25	7	SSE	80.7	84.8	84.8
7/7/2021	3:15 PM	81.2	81.2	80.6	72	71.3	1	W	0.25	4	S	81.2	85.7	85.7
7/7/2021	3:30 PM	81.2	81.5	81.2	69	70.1	1	NW	0.25	4	WSW	81.2	85	85
7/7/2021	3:45 PM	81.3	81.3	81.1	66	68.9	1	NW	0.25	5	NW	81.3	84.5	84.5
7/7/2021	4:00 PM	82.2	82.4	81.3	67	70.1	1	W	0.25	4	SSW	82.2	86.3	86.3
7/7/2021	4:15 PM	81.4	82.2	81.4	69	70.2	1	NW	0.25	4	NNW	81.4	85.4	85.4
7/7/2021	4:30 PM	80.8	81.4	80.7	67	68.8	1	NNW	0.25	5	NW	80.8	83.9	83.9
7/7/2021	4:45 PM	80.4	80.8	80.3	73	70.9	1	S	0.25	5	S	80.4	84.4	84.4
7/7/2021	5:00 PM	79.9	80.4	79.9	69	68.8	1	W	0.25	5	NW	79.9	82.8	82.8
7/7/2021	5:15 PM	80.8	80.8	79.9	68	69.2	1	NW	0.25	2	W	80.8	84.1	84.1
7/7/2021	5:30 PM	81.6	81.6	80.8	69	70.4	1	NW	0.25	4	NW	81.6	85.7	85.7
7/7/2021	5:45 PM	81.2	81.7	81.2	66	68.8	1	S	0.25	4	SSE	81.2	84.3	84.3
7/7/2021	6:00 PM	81	81.2	80.9	70	70.3	1	WNW	0.25	2	W	81	84.9	84.9
7/7/2021	6:15 PM	81.2	81.3	81	68	69.6	0	SSW	0	2	SSW	81.2	84.8	84.8
7/7/2021	6:30 PM	81.8	81.9	81.2	67	69.8	1	SSW	0.25	6	N	81.8	85.6	85.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/7/2021	9:00 AM	29.693	0	0	0	0.073	80.2	62	66	81.9	11.15	0.0714	304	7	100	15
7/7/2021	9:15 AM	29.694	0	0	0	0.086	81.2	62	66.9	83.4	11.13	0.0712	307	7	100	15
7/7/2021	9:30 AM	29.698	0	0	0	0.098	82.3	61	67.5	84.9	10.95	0.071	302	7	100	15
7/7/2021	9:45 AM	29.694	0	0	0	0.101	83.2	61	68.3	86.4	10.95	0.0708	306	7	100	15
7/7/2021	10:00 AM	29.69	0	0	0	0.103	84.1	60	68.7	87.7	10.75	0.0707	306	7	100	15
7/7/2021	10:15 AM	29.686	0	0	0	0.113	85.1	59	69.2	89.2	10.55	0.0705	305	7	100	15
7/7/2021	10:30 AM	29.686	0	0	0	0.122	86.3	58	69.8	91.1	10.32	0.0703	305	7	100	15
7/7/2021	10:45 AM	29.687	0	0	0	0.131	87.5	57	70.4	93.1	10.15	0.0701	303	7	100	15
7/7/2021	11:00 AM	29.685	0	0	0	0.141	88.3	56	70.6	94.2	9.98	0.07	303	7	100	15
7/7/2021	11:15 AM	29.68	0	0	0	0.154	89.4	55	71.1	95.9	9.76	0.0698	305	7	100	15
7/7/2021	11:30 AM	29.68	0	0	0	0.156	90.6	55	72.2	98.5	9.73	0.0696	304	7	100	15
7/7/2021	11:45 AM	29.678	0	0	0	0.156	91	54	72	98.8	9.61	0.0696	302	7	100	15
7/7/2021	12:00 PM	29.67	0	0	0	0.154	91	54	72	98.8	9.61	0.0696	304	7	100	15
7/7/2021	12:15 PM	29.666	0	0	0	0.154	91	53	71.5	98.3	9.41	0.0696	306	7	100	15
7/7/2021	12:30 PM	29.66	0	0	0	0.161	91.2	53	71.7	98.7	9.4	0.0695	303	7	100	15
7/7/2021	12:45 PM	29.657	0	0	0	0.168	91.6	52	71.5	99	9.29	0.0695	304	7	100	15
7/7/2021	1:00 PM	29.653	0	0	0	0.166	91.8	52	71.7	99.4	9.28	0.0694	304	7	100	15
7/7/2021	1:15 PM	29.649	0	0	0	0.161	91.8	52	71.7	99.4	9.28	0.0694	306	7	100	15
7/7/2021	1:30 PM	29.649	0	0	0	0.157	91.5	52	71.4	98.8	9.29	0.0695	306	7	100	15
7/7/2021	1:45 PM	29.648	0	0	0	0.157	91.3	52	71.2	98.4	9.3	0.0695	304	7	100	15
7/7/2021	2:00 PM	29.644	0	0	0	0.149	91.1	52	71	98	9.31	0.0695	304	7	100	15
7/7/2021	2:15 PM	29.64	0	0	0	0.148	90.7	53	71.2	97.7	9.42	0.0696	303	7	100	15
7/7/2021	2:30 PM	29.634	0	0	0	0.159	91.1	53	71.6	98.5	9.41	0.0695	306	7	100	15
7/7/2021	2:45 PM	29.632	0	0	0	0.165	91.8	53	72.2	100	9.38	0.0694	301	7	100	15
7/7/2021	3:00 PM	29.63	0	0	0	0.164	92.2	52	72	100.3	9.26	0.0693	304	7	100	15
7/7/2021	3:15 PM	29.625	0	0	0	0.169	92.3	52	72.1	100.5	9.26	0.0693	305	7	100	15
7/7/2021	3:30 PM	29.623	0	0	0	0.169	92.7	52	72.5	101.4	9.24	0.0692	306	7	100	15
7/7/2021	3:45 PM	29.616	0	0	0	0.17	92.8	51	72	101	9.09	0.0692	302	7	100	15
7/7/2021	4:00 PM	29.61	0	0	0	0.179	93.4	50	72	101.7	8.91	0.0691	304	7	100	15
7/7/2021	4:15 PM	29.608	0	0	0	0.171	93.2	50	71.8	101.2	8.92	0.0691	302	7	100	15
7/7/2021	4:30 PM	29.604	0	0	0	0.165	93	50	71.6	100.8	8.93	0.0692	303	7	100	15
7/7/2021	4:45 PM	29.604	0	0	0	0.16	92.5	50	71.2	99.8	8.95	0.0693	305	7	100	15
7/7/2021	5:00 PM	29.601	0	0	0	0.155	92.2	50	70.9	99.1	8.96	0.0693	303	7	100	15
7/7/2021	5:15 PM	29.601	0	0	0	0.165	92.1	51	71.4	99.5	9.11	0.0693	304	7	100	15
7/7/2021	5:30 PM	29.598	0	0	0	0.173	92.6	50	71.2	100	8.95	0.0692	306	7	100	15
7/7/2021	5:45 PM	29.6	0	0	0	0.169	92.6	50	71.2	100	8.95	0.0692	305	7	100	15
7/7/2021	6:00 PM	29.595	0	0	0	0.167	92.4	51	71.6	100.1	9.1	0.0692	307	7	100	15
7/7/2021	6:15 PM	29.591	0	0	0	0.169	92.2	51	71.5	99.7	9.11	0.0693	306	7	100	15
7/7/2021	6:30 PM	29.585	0	0	0	0.175	92.1	51	71.4	99.5	9.11	0.0693	305	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/7/2021	6:45 PM	81.1	82.2	81.1	67	69.1	1	NW	0.25	4	NW	81.1	84.4	84.4
7/7/2021	7:00 PM	80.6	81.1	80.6	69	69.5	0	WNW	0	2	WNW	80.6	84	84
7/7/2021	7:15 PM	80.3	80.7	80.3	75	71.6	0	---	0	0	---	80.3	84.7	84.7
7/7/2021	7:30 PM	79.3	80.3	79.3	72	69.5	0	WNW	0	2	WNW	79.3	82.3	82.3
7/7/2021	7:45 PM	77.9	79.3	77.9	73	68.5	0	WNW	0	2	WNW	77.9	80.3	80.3
7/7/2021	8:00 PM	76.9	77.8	76.9	75	68.4	0	WNW	0	2	WNW	76.9	79.1	79.1
7/7/2021	8:15 PM	76.3	76.9	76.3	75	67.8	0	---	0	0	---	76.3	78.3	78.3
7/7/2021	8:30 PM	75.9	76.3	75.9	76	67.8	0	---	0	0	---	75.9	77.9	77.9
7/7/2021	8:45 PM	75.3	75.9	75.3	76	67.2	0	---	0	0	---	75.3	77.1	77.1
7/7/2021	9:00 PM	74.7	75.3	74.7	78	67.4	0	---	0	0	---	74.7	76.6	76.6
7/7/2021	9:15 PM	74.3	74.7	74.3	78	67	0	WNW	0	1	WNW	74.3	76.1	76.1
7/7/2021	9:30 PM	74	74.3	74	78	66.7	0	WNW	0	2	WNW	74	75.7	75.7
7/7/2021	9:45 PM	73.7	74.1	73.7	80	67.1	0	WNW	0	1	WNW	73.7	75.5	75.5
7/7/2021	10:00 PM	73.5	73.7	73.4	80	66.9	0	---	0	0	---	73.5	75.3	75.3
7/7/2021	10:15 PM	73.6	73.7	73.5	80	67	0	---	0	0	---	73.6	75.4	75.4
7/7/2021	10:30 PM	73.8	73.8	73.5	81	67.6	1	ENE	0.25	2	WNW	73.8	75.7	75.7
7/7/2021	10:45 PM	73.7	73.8	73.6	81	67.5	1	ENE	0.25	2	ENE	73.7	75.6	75.6
7/7/2021	11:00 PM	73.1	73.7	73.1	83	67.6	0	---	0	0	---	73.1	74.9	74.9
7/7/2021	11:15 PM	72.4	73.1	72.4	84	67.3	0	---	0	0	---	72.4	74.2	74.2
7/7/2021	11:30 PM	72.1	72.4	72.1	84	67	0	---	0	0	---	72.1	73.9	73.9
7/7/2021	11:45 PM	71.8	72.1	71.8	85	67	0	---	0	0	---	71.8	73.6	73.6
7/8/2021	12:00 AM	72	72.1	71.8	84	66.9	0	ENE	0	1	ENE	72	73.7	73.7
7/8/2021	12:15 AM	72.5	72.5	72.1	84	67.4	0	ENE	0	2	ENE	72.5	74.3	74.3
7/8/2021	12:30 AM	72.4	72.6	72.4	85	67.6	0	ENE	0	1	ENE	72.4	74.2	74.2
7/8/2021	12:45 AM	72	72.4	72	86	67.6	0	---	0	0	---	72	73.9	73.9
7/8/2021	1:00 AM	71.6	72	71.6	86	67.2	0	---	0	0	---	71.6	73.5	73.5
7/8/2021	1:15 AM	71.3	71.6	71.3	87	67.2	0	---	0	0	---	71.3	73.2	73.2
7/8/2021	1:30 AM	71.1	71.3	71.1	88	67.4	0	---	0	0	---	71.1	73.1	73.1
7/8/2021	1:45 AM	71.3	71.3	71.2	88	67.6	0	ENE	0	1	ENE	71.3	73.3	73.3
7/8/2021	2:00 AM	71.2	71.3	71.2	88	67.5	0	ENE	0	1	ENE	71.2	73.2	73.2
7/8/2021	2:15 AM	70.4	71.3	70.4	90	67.3	0	ENE	0	1	ENE	70.4	72.5	72.5
7/8/2021	2:30 AM	69.9	70.3	69.8	90	66.8	0	ENE	0	1	ENE	69.9	72	72
7/8/2021	2:45 AM	70.4	70.4	69.9	89	67	0	ENE	0	2	ENE	70.4	72.4	72.4
7/8/2021	3:00 AM	70.8	70.8	70.4	88	67.1	0	ENE	0	2	ENE	70.8	72.8	72.8
7/8/2021	3:15 AM	70.6	70.9	70.6	89	67.2	0	E	0	2	ENE	70.6	72.6	72.6
7/8/2021	3:30 AM	69.6	70.6	69.6	91	66.9	0	E	0	1	E	69.6	71.8	71.8
7/8/2021	3:45 AM	69.6	69.7	69.4	90	66.5	0	E	0	1	E	69.6	71.7	71.7
7/8/2021	4:00 AM	70.2	70.3	69.6	89	66.8	1	NNE	0.25	3	NE	70.2	72.2	72.2
7/8/2021	4:15 AM	70.4	70.4	70.3	88	66.7	1	ENE	0.25	3	E	70.4	72.4	72.4

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/7/2021	6:45 PM	29.586	0	0	0	0.168	92.1	50	70.8	98.9	8.97	0.0693	307	7	100	15
7/7/2021	7:00 PM	29.585	0	0	0	0.162	91.8	51	71.1	98.9	9.11	0.0693	301	7	100	15
7/7/2021	7:15 PM	29.587	0	0	0	0.159	91.4	52	71.3	98.6	9.29	0.0694	304	7	100	15
7/7/2021	7:30 PM	29.594	0	0	0	0.149	90.9	52	70.8	97.5	9.31	0.0695	299	7	100	15
7/7/2021	7:45 PM	29.596	0	0	0	0.134	90.3	52	70.3	96.4	9.34	0.0696	306	7	100	15
7/7/2021	8:00 PM	29.598	0	0	0	0.124	89.8	52	69.8	95.4	9.35	0.0697	303	7	100	15
7/7/2021	8:15 PM	29.6	0	0	0	0.118	89.2	52	69.3	94.2	9.35	0.0698	305	7	100	15
7/7/2021	8:30 PM	29.601	0	0	0	0.114	88.8	52	68.9	93.5	9.35	0.0699	305	7	100	15
7/7/2021	8:45 PM	29.6	0	0	0	0.107	88.3	52	68.4	92.6	9.35	0.07	304	7	100	15
7/7/2021	9:00 PM	29.598	0	0	0	0.101	87.8	52	68	91.7	9.35	0.07	306	7	100	15
7/7/2021	9:15 PM	29.599	0	0	0	0.097	87.4	53	68.2	91.3	9.5	0.0701	302	7	100	15
7/7/2021	9:30 PM	29.602	0	0	0	0.094	87	53	67.8	90.6	9.51	0.0702	304	7	100	15
7/7/2021	9:45 PM	29.604	0	0	0	0.091	86.7	53	67.5	90.1	9.52	0.0702	306	7	100	15
7/7/2021	10:00 PM	29.604	0	0	0	0.089	86.4	54	67.8	89.9	9.72	0.0702	304	7	100	15
7/7/2021	10:15 PM	29.603	0	0	0	0.09	86.3	54	67.7	89.7	9.72	0.0703	303	7	100	15
7/7/2021	10:30 PM	29.602	0	0	0	0.092	86.1	54	67.5	89.4	9.73	0.0703	305	7	100	15
7/7/2021	10:45 PM	29.603	0	0	0	0.091	86.1	55	68	89.7	9.83	0.0703	304	7	100	15
7/7/2021	11:00 PM	29.602	0	0	0	0.084	85.8	55	67.8	89.2	9.83	0.0703	307	7	100	15
7/7/2021	11:15 PM	29.598	0	0	0	0.077	85.5	56	68	89	10.04	0.0703	300	7	100	15
7/7/2021	11:30 PM	29.592	0	0	0	0.074	85.3	56	67.8	88.7	10.04	0.0704	304	7	100	15
7/7/2021	11:45 PM	29.593	0	0	0	0.071	85	56	67.5	88.2	10.05	0.0704	302	7	100	15
7/8/2021	12:00 AM	29.592	0	0	0	0.073	84.8	56	67.4	87.9	10.05	0.0704	303	7	100	15
7/8/2021	12:15 AM	29.593	0	0	0	0.078	84.8	56	67.4	87.9	10.05	0.0704	302	7	100	15
7/8/2021	12:30 AM	29.595	0	0	0	0.077	84.7	57	67.8	88	10.24	0.0704	305	7	100	15
7/8/2021	12:45 AM	29.595	0	0	0	0.073	84.5	57	67.6	87.6	10.24	0.0705	302	7	100	15
7/8/2021	1:00 AM	29.595	0	0	0	0.069	84.4	57	67.5	87.5	10.24	0.0705	305	7	100	15
7/8/2021	1:15 AM	29.592	0	0	0	0.066	84.2	58	67.8	87.4	10.35	0.0705	306	7	100	15
7/8/2021	1:30 AM	29.587	0	0	0	0.064	84	58	67.6	87	10.35	0.0705	303	7	100	15
7/8/2021	1:45 AM	29.584	0	0	0	0.066	83.9	58	67.5	86.9	10.35	0.0705	306	7	100	15
7/8/2021	2:00 AM	29.577	0	0	0	0.065	83.8	58	67.4	86.7	10.35	0.0705	304	7	100	15
7/8/2021	2:15 AM	29.573	0	0	0	0.056	83.7	59	67.8	86.8	10.55	0.0705	305	7	100	15
7/8/2021	2:30 AM	29.565	0	0	0	0.051	83.5	59	67.7	86.4	10.55	0.0705	303	7	100	15
7/8/2021	2:45 AM	29.563	0	0	0	0.056	83.3	59	67.5	86.1	10.55	0.0706	304	7	100	15
7/8/2021	3:00 AM	29.559	0	0	0	0.06	83.2	59	67.4	85.9	10.55	0.0706	304	7	100	15
7/8/2021	3:15 AM	29.557	0	0	0	0.058	83.1	59	67.3	85.8	10.55	0.0706	303	7	100	15
7/8/2021	3:30 AM	29.554	0	0	0	0.048	82.9	60	67.6	85.6	10.75	0.0706	303	7	100	15
7/8/2021	3:45 AM	29.557	0	0	0	0.048	82.7	60	67.4	85.3	10.75	0.0706	304	7	100	15
7/8/2021	4:00 AM	29.552	0	0	0	0.054	82.7	60	67.4	85.3	10.75	0.0706	304	7	100	15
7/8/2021	4:15 AM	29.553	0	0	0	0.056	82.6	60	67.3	85.2	10.75	0.0706	305	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/8/2021	4:30 AM	69.9	70.4	69.9	90	66.8	0	E	0	1	E	69.9	72	72
7/8/2021	4:45 AM	69.6	69.9	69.5	91	66.9	0	E	0	1	E	69.6	71.8	71.8
7/8/2021	5:00 AM	69.1	69.5	69.1	91	66.4	0	---	0	0	---	69.1	71.3	71.3
7/8/2021	5:15 AM	69.2	69.2	69.1	91	66.5	0	---	0	0	---	69.2	71.4	71.4
7/8/2021	5:30 AM	68.9	69.2	68.9	91	66.2	0	---	0	0	---	68.9	71	71
7/8/2021	5:45 AM	69.1	69.2	68.9	91	66.4	0	---	0	0	---	69.1	71.3	71.3
7/8/2021	6:00 AM	69.3	69.3	69.1	90	66.2	0	---	0	0	---	69.3	71.4	71.4
7/8/2021	6:15 AM	69	69.3	69	91	66.3	0	---	0	0	---	69	71.2	71.2
7/8/2021	6:30 AM	69	69	68.9	91	66.3	0	---	0	0	---	69	71.2	71.2
7/8/2021	6:45 AM	69.4	69.4	69	90	66.3	0	E	0	1	E	69.4	71.5	71.5
7/8/2021	7:00 AM	69.5	69.6	69.4	89	66.1	0	---	0	0	---	69.5	71.5	71.5
7/8/2021	7:15 AM	69.9	69.9	69.5	89	66.5	1	E	0.25	2	E	69.9	71.9	71.9
7/8/2021	7:30 AM	70	70	69.9	88	66.3	0	E	0	2	E	70	71.9	71.9
7/8/2021	7:45 AM	70.2	70.3	70	90	67.1	0	ENE	0	1	ENE	70.2	72.3	72.3
7/8/2021	8:00 AM	70.4	70.4	70.2	89	67	0	ENE	0	2	ENE	70.4	72.4	72.4
7/8/2021	8:15 AM	70.4	70.5	70.3	89	67	0	SE	0	2	ESE	70.4	72.4	72.4
7/8/2021	8:30 AM	70.5	70.5	70.3	90	67.4	0	SE	0	1	SE	70.5	72.6	72.6
7/8/2021	8:45 AM	71	71	70.5	88	67.3	0	SE	0	1	SE	71	73	73
7/8/2021	9:00 AM	71.6	71.6	71	88	67.9	0	SE	0	1	SE	71.6	73.6	73.6
7/8/2021	9:15 AM	71.8	71.8	71.6	87	67.7	0	SE	0	1	SE	71.8	73.7	73.7
7/8/2021	9:30 AM	72.2	72.2	71.8	88	68.4	0	---	0	0	---	72.2	74.2	74.2
7/8/2021	9:45 AM	72.6	72.6	72.2	87	68.5	1	ENE	0.25	3	ENE	72.6	74.6	74.6
7/8/2021	10:00 AM	73.1	73.2	72.6	86	68.7	1	NE	0.25	2	ENE	73.1	75.1	75.1
7/8/2021	10:15 AM	73.6	73.6	73.1	85	68.8	1	NE	0.25	2	NE	73.6	75.6	75.6
7/8/2021	10:30 AM	74.3	74.3	73.5	84	69.1	1	NNE	0.25	2	NNE	74.3	76.5	76.5
7/8/2021	10:45 AM	74.7	74.7	74.3	83	69.2	1	NW	0.25	2	NNW	74.7	76.9	76.9
7/8/2021	11:00 AM	75.3	75.3	74.7	80	68.7	0	NW	0	2	NW	75.3	77.5	77.5
7/8/2021	11:15 AM	75.7	75.8	75.3	79	68.7	1	WNW	0.25	3	WNW	75.7	77.9	77.9
7/8/2021	11:30 AM	76.4	76.4	75.7	77	68.7	1	NNE	0.25	3	NNE	76.4	78.6	78.6
7/8/2021	11:45 AM	77.2	77.2	76.4	79	70.2	1	N	0.25	5	NW	77.2	79.9	79.9
7/8/2021	12:00 PM	77.6	77.6	77.1	76	69.4	1	WSW	0.25	6	W	77.6	80.2	80.2
7/8/2021	12:15 PM	78.5	78.5	77.6	76	70.3	1	WNW	0.25	4	W	78.5	81.6	81.6
7/8/2021	12:30 PM	79.5	79.5	78.6	77	71.7	1	WSW	0.25	4	S	79.5	83.5	83.5
7/8/2021	12:45 PM	79.6	79.8	79.4	75	71	1	NW	0.25	5	NW	79.6	83.4	83.4
7/8/2021	1:00 PM	79.7	79.7	79.3	76	71.5	1	WSW	0.25	6	N	79.7	83.7	83.7
7/8/2021	1:15 PM	78.5	80.2	78.5	74	69.5	2	WSW	0.5	5	NNW	78.5	81.3	81.3
7/8/2021	1:30 PM	75.6	78.5	75.6	77	67.9	2	WSW	0.5	6	WNW	75.6	77.6	77.6
7/8/2021	1:45 PM	73.5	75.5	73.5	81	67.3	1	SW	0.25	4	SW	73.5	75.3	75.3
7/8/2021	2:00 PM	75.1	75.1	73.3	82	69.2	1	SSW	0.25	4	SSE	75.1	77.4	77.4

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/8/2021	4:30 AM	29.551	0	0	0	0.051	82.4	60	67.1	84.8	10.75	0.0707	303	7	100	15
7/8/2021	4:45 AM	29.552	0	0	0	0.048	82.3	60	67	84.7	10.75	0.0707	305	7	100	15
7/8/2021	5:00 AM	29.552	0	0	0	0.043	82.3	60	67	84.7	10.75	0.0707	302	7	100	15
7/8/2021	5:15 AM	29.554	0	0	0	0.044	82.2	60	66.9	84.5	10.75	0.0707	302	7	100	15
7/8/2021	5:30 AM	29.552	0	0	0	0.041	82.1	61	67.3	84.6	10.95	0.0707	304	7	100	15
7/8/2021	5:45 AM	29.547	0	0	0	0.043	82	61	67.2	84.4	10.95	0.0707	304	7	100	15
7/8/2021	6:00 AM	29.545	0	0	0	0.045	81.9	61	67.1	84.3	10.95	0.0707	304	7	100	15
7/8/2021	6:15 AM	29.55	0	0	0	0.042	81.9	61	67.1	84.3	10.95	0.0707	303	7	100	15
7/8/2021	6:30 AM	29.551	0	0	0	0.042	81.7	61	66.9	84	10.95	0.0708	305	7	100	15
7/8/2021	6:45 AM	29.552	0	0	0	0.046	81.8	61	67	84.1	10.95	0.0708	305	7	100	15
7/8/2021	7:00 AM	29.55	0	0	0	0.047	81.8	61	67	84.1	10.95	0.0708	305	7	100	15
7/8/2021	7:15 AM	29.552	0	0	0	0.051	81.8	61	67	84.1	10.95	0.0708	306	7	100	15
7/8/2021	7:30 AM	29.551	0	0	0	0.052	81.9	61	67.1	84.3	10.95	0.0707	304	7	100	15
7/8/2021	7:45 AM	29.555	0	0	0	0.054	82.2	61	67.4	84.8	10.95	0.0707	303	7	100	15
7/8/2021	8:00 AM	29.557	0	0	0	0.056	82.4	61	67.6	85.1	10.95	0.0707	307	7	100	15
7/8/2021	8:15 AM	29.561	0	0	0	0.056	82.5	61	67.7	85.3	10.95	0.0706	305	7	100	15
7/8/2021	8:30 AM	29.563	0	0	0	0.057	82.6	61	67.8	85.4	10.95	0.0706	305	7	100	15
7/8/2021	8:45 AM	29.566	0	0	0	0.063	82.8	61	68	85.8	10.95	0.0706	302	7	100	15
7/8/2021	9:00 AM	29.568	0	0	0	0.069	83.2	62	68.8	86.7	11.09	0.0705	297	7	100	15
7/8/2021	9:15 AM	29.57	0	0	0	0.071	83.8	61	68.9	87.5	10.95	0.0704	295	7	99.3	15
7/8/2021	9:30 AM	29.569	0	0	0	0.075	84.1	61	69.2	88	10.95	0.0704	303	7	100	15
7/8/2021	9:45 AM	29.566	0	0	0	0.079	84.6	60	69.2	88.6	10.75	0.0703	293	7	98.7	15
7/8/2021	10:00 AM	29.563	0	0	0	0.084	85	60	69.6	89.3	10.75	0.0702	298	7	100	15
7/8/2021	10:15 AM	29.56	0	0	0	0.09	85.4	60	69.9	90.1	10.73	0.0701	298	7	100	15
7/8/2021	10:30 AM	29.563	0	0	0	0.097	85.9	60	70.4	91	10.71	0.0701	298	7	100	15
7/8/2021	10:45 AM	29.566	0	0	0	0.101	86.5	59	70.5	91.8	10.52	0.07	297	7	100	15
7/8/2021	11:00 AM	29.569	0	0	0	0.107	86.9	58	70.3	92.2	10.31	0.0699	299	7	100	15
7/8/2021	11:15 AM	29.571	0	0	0	0.111	87.3	58	70.7	93	10.3	0.0699	298	7	100	15
7/8/2021	11:30 AM	29.568	0	0	0	0.119	87.8	58	71.2	94.1	10.29	0.0698	298	7	100	15
7/8/2021	11:45 AM	29.563	0	0	0	0.127	88.8	57	71.6	95.7	10.1	0.0696	291	7	98	15
7/8/2021	12:00 PM	29.556	0	0	0	0.131	89.3	57	72.1	96.7	10.08	0.0695	296	7	99.7	15
7/8/2021	12:15 PM	29.553	0	0	0	0.141	89.9	56	72.1	97.5	9.95	0.0694	299	7	100	15
7/8/2021	12:30 PM	29.548	0	0	0	0.151	90.8	55	72.4	98.9	9.72	0.0693	302	7	100	15
7/8/2021	12:45 PM	29.545	0	0	0	0.152	91.3	55	72.9	100	9.7	0.0692	304	7	100	15
7/8/2021	1:00 PM	29.544	0	0	0	0.153	91.8	54	72.8	100.6	9.58	0.0691	301	7	100	15
7/8/2021	1:15 PM	29.543	0	0	0	0.141	92	53	72.4	100.4	9.37	0.0691	301	7	100	15
7/8/2021	1:30 PM	29.546	0	0	0	0.11	90.8	53	71.3	97.9	9.42	0.0693	303	7	100	15
7/8/2021	1:45 PM	29.539	0	0	0	0.089	89.4	53	70	95.1	9.46	0.0696	303	7	100	15
7/8/2021	2:00 PM	29.534	0	0	0	0.105	88.9	54	70.1	94.5	9.67	0.0696	302	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/8/2021	2:15 PM	78.3	78.3	75.2	75	69.7	1	SW	0.25	3	NW	78.3	81.2	81.2
7/8/2021	2:30 PM	79.8	79.8	78.2	76	71.6	2	S	0.5	7	SSE	79.8	83.9	83.9
7/8/2021	2:45 PM	79.2	79.8	79.2	76	71	2	NW	0.5	7	WSW	79.2	82.8	82.8
7/8/2021	3:00 PM	78.7	79.2	78.5	77	70.9	2	W	0.5	5	NW	78.7	82.1	82.1
7/8/2021	3:15 PM	78.2	79.1	78.2	79	71.2	1	S	0.25	5	NW	78.2	81.5	81.5
7/8/2021	3:30 PM	74.2	78.2	74.2	88	70.4	2	ENE	0.5	6	ENE	74.2	76.4	76.4
7/8/2021	3:45 PM	74.3	74.3	73.4	93	72.1	1	SSW	0.25	3	SSE	74.3	77	77
7/8/2021	4:00 PM	75.8	75.8	74.3	91	73	1	NE	0.25	5	NE	75.8	78.9	78.9
7/8/2021	4:15 PM	76	76.5	75.7	85	71.2	2	ENE	0.5	6	ENE	76	78.7	78.7
7/8/2021	4:30 PM	74.5	76	74.4	88	70.7	3	NE	0.75	8	ENE	74.5	76.9	76.9
7/8/2021	4:45 PM	73.4	74.5	73.4	88	69.6	1	SW	0.25	8	E	73.4	75.5	75.5
7/8/2021	5:00 PM	75.2	75.2	73.3	88	71.4	2	NNW	0.5	4	NNE	75.2	77.8	77.8
7/8/2021	5:15 PM	76.6	76.6	75.2	85	71.7	3	NE	0.75	5	NE	76.6	79.6	79.6
7/8/2021	5:30 PM	77.5	77.6	76.6	84	72.3	2	NE	0.5	4	NE	77.5	81	81
7/8/2021	5:45 PM	76	77.5	76	86	71.5	1	NE	0.25	3	NNE	76	78.8	78.8
7/8/2021	6:00 PM	74.9	76	74.9	84	69.7	1	W	0.25	3	WNW	74.9	77.3	77.3
7/8/2021	6:15 PM	76.1	76.2	74.9	80	69.5	2	WNW	0.5	7	WNW	76.1	78.4	78.4
7/8/2021	6:30 PM	76.7	76.9	76.1	77	68.9	1	NW	0.25	4	NNW	76.7	79	79
7/8/2021	6:45 PM	78.2	78.2	76.7	80	71.5	1	NE	0.25	3	NE	78.2	81.7	81.7
7/8/2021	7:00 PM	77.5	78.3	77.4	82	71.6	1	NE	0.25	3	NE	77.5	80.7	80.7
7/8/2021	7:15 PM	78.8	78.8	77.5	80	72.1	0	NW	0	3	WNW	78.8	82.7	82.7
7/8/2021	7:30 PM	78.7	79.1	78.6	78	71.3	1	SW	0.25	2	S	78.7	82.3	82.3
7/8/2021	7:45 PM	78	78.7	78	80	71.3	1	WSW	0.25	6	SSE	78	81.3	81.3
7/8/2021	8:00 PM	77.6	78.1	77.6	82	71.7	1	WSW	0.25	3	W	77.6	80.9	80.9
7/8/2021	8:15 PM	76.1	77.7	76	85	71.3	1	S	0.25	4	SSE	76.1	78.8	78.8
7/8/2021	8:30 PM	74.9	76	74.9	87	70.8	0	SSE	0	3	SE	74.9	77.4	77.4
7/8/2021	8:45 PM	73.7	74.9	73.7	88	69.9	0	ESE	0	1	ESE	73.7	75.8	75.8
7/8/2021	9:00 PM	72.7	73.7	72.7	90	69.6	0	ESE	0	1	ESE	72.7	74.8	74.8
7/8/2021	9:15 PM	71.8	72.7	71.8	91	69	1	SE	0.25	2	ESE	71.8	74	74
7/8/2021	9:30 PM	71.3	71.8	71.3	91	68.5	0	SE	0	2	SE	71.3	73.5	73.5
7/8/2021	9:45 PM	70.7	71.3	70.7	92	68.3	0	SE	0	1	SE	70.7	73	73
7/8/2021	10:00 PM	70.3	70.6	70.3	94	68.5	1	SE	0.25	2	SE	70.3	72.8	72.8
7/8/2021	10:15 PM	70.6	70.7	70.3	93	68.5	0	SSE	0	2	SSE	70.6	73	73
7/8/2021	10:30 PM	70.2	70.6	70.2	93	68.1	0	SSE	0	1	SSE	70.2	72.6	72.6
7/8/2021	10:45 PM	69.8	70.3	69.8	93	67.7	0	SSE	0	2	SSE	69.8	72.2	72.2
7/8/2021	11:00 PM	69.5	69.8	69.5	94	67.7	0	SSE	0	1	SSE	69.5	72	72
7/8/2021	11:15 PM	69.2	69.5	69.2	94	67.4	0	SSE	0	1	SSE	69.2	71.6	71.6
7/8/2021	11:30 PM	68.9	69.2	68.9	95	67.4	0	SSE	0	1	SSE	68.9	71.4	71.4
7/8/2021	11:45 PM	68.7	69	68.7	95	67.2	0	SSE	0	1	SSE	68.7	71.1	71.1

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/8/2021	2:15 PM	29.531	0	0	0	0.139	90.5	54	71.6	97.8	9.63	0.0693	298	7	100	15
7/8/2021	2:30 PM	29.527	0	0	0	0.154	91.4	53	71.9	99.1	9.39	0.0692	303	7	100	15
7/8/2021	2:45 PM	29.526	0	0	0	0.148	92	53	72.4	100.4	9.37	0.0691	295	7	99.3	15
7/8/2021	3:00 PM	29.528	0	0	0	0.143	92	53	72.4	100.4	9.37	0.0691	301	7	100	15
7/8/2021	3:15 PM	29.535	0.05	2.47	0	0.137	92	53	72.4	100.4	9.37	0.0691	296	7	99.7	15
7/8/2021	3:30 PM	29.525	0.12	1.83	0	0.096	90.7	54	71.8	98.2	9.62	0.0693	305	7	100	15
7/8/2021	3:45 PM	29.525	0	0	0	0.097	89.6	56	71.8	96.9	9.96	0.0694	302	7	100	15
7/8/2021	4:00 PM	29.522	0	0	0	0.113	89.7	57	72.4	97.6	10.06	0.0693	296	7	99.7	15
7/8/2021	4:15 PM	29.519	0	0	0	0.115	90.2	57	72.9	98.7	10.05	0.0692	301	7	100	15
7/8/2021	4:30 PM	29.522	0	0	0	0.099	89.9	57	72.6	98	10.05	0.0693	300	7	100	15
7/8/2021	4:45 PM	29.524	0	0	0	0.088	89.4	56	71.6	96.4	9.96	0.0694	303	7	100	15
7/8/2021	5:00 PM	29.524	0.01	0	0	0.106	88.8	57	71.6	95.7	10.1	0.0695	299	7	100	15
7/8/2021	5:15 PM	29.522	0	0	0	0.121	88.9	57	71.7	95.9	10.09	0.0695	298	7	100	15
7/8/2021	5:30 PM	29.519	0	0	0	0.13	88.8	58	72.1	96.1	10.27	0.0695	306	7	100	15
7/8/2021	5:45 PM	29.522	0	0	0	0.115	88.7	58	72	95.9	10.28	0.0695	303	7	100	15
7/8/2021	6:00 PM	29.527	0	0	0	0.103	88.3	58	71.6	95.1	10.28	0.0696	295	7	99.3	15
7/8/2021	6:15 PM	29.518	0	0	0	0.116	88.3	58	71.6	95.1	10.28	0.0696	295	7	99.3	15
7/8/2021	6:30 PM	29.521	0	0	0	0.122	88.4	57	71.2	94.8	10.11	0.0696	294	7	99	15
7/8/2021	6:45 PM	29.517	0	0	0	0.137	88.5	57	71.3	95.1	10.11	0.0696	299	7	100	15
7/8/2021	7:00 PM	29.514	0	0	0	0.13	88.4	57	71.2	94.8	10.11	0.0696	293	7	98.7	15
7/8/2021	7:15 PM	29.519	0	0	0	0.144	88.3	58	71.6	95.1	10.28	0.0696	298	7	100	15
7/8/2021	7:30 PM	29.522	0	0	0	0.143	88.4	58	71.7	95.3	10.28	0.0695	302	7	100	15
7/8/2021	7:45 PM	29.523	0	0	0	0.135	88.6	58	71.9	95.7	10.28	0.0695	299	7	100	15
7/8/2021	8:00 PM	29.524	0	0	0	0.131	88.4	58	71.7	95.3	10.28	0.0696	298	7	100	15
7/8/2021	8:15 PM	29.525	0	0	0	0.116	87.9	59	71.8	94.7	10.49	0.0696	297	7	100	15
7/8/2021	8:30 PM	29.534	0	0	0	0.103	87.4	59	71.3	93.6	10.5	0.0697	294	7	99	15
7/8/2021	8:45 PM	29.544	0	0	0	0.091	87	59	70.9	92.8	10.51	0.0698	291	7	98	15
7/8/2021	9:00 PM	29.555	0	0	0	0.08	86.4	59	70.4	91.6	10.52	0.07	287	7	96.6	15
7/8/2021	9:15 PM	29.56	0	0	0	0.071	85.9	60	70.4	91	10.71	0.07	283	7	95.3	15
7/8/2021	9:30 PM	29.562	0	0	0	0.066	85.5	60	70	90.3	10.73	0.0701	291	7	98	15
7/8/2021	9:45 PM	29.567	0	0	0	0.059	85.1	60	69.7	89.5	10.75	0.0702	289	7	97.3	15
7/8/2021	10:00 PM	29.573	0	0	0	0.055	84.8	60	69.4	88.9	10.75	0.0703	295	7	99.3	15
7/8/2021	10:15 PM	29.577	0	0	0	0.058	84.5	61	69.6	88.7	10.95	0.0703	300	7	100	15
7/8/2021	10:30 PM	29.581	0	0	0	0.054	84.3	61	69.4	88.4	10.95	0.0704	305	7	100	15
7/8/2021	10:45 PM	29.582	0	0	0	0.05	84	61	69.1	87.8	10.95	0.0704	300	7	100	15
7/8/2021	11:00 PM	29.583	0	0	0	0.047	83.6	61	68.7	87.1	10.95	0.0705	300	7	100	15
7/8/2021	11:15 PM	29.58	0	0	0	0.044	83.3	61	68.4	86.6	10.95	0.0705	302	7	100	15
7/8/2021	11:30 PM	29.58	0	0	0	0.041	83	62	68.6	86.4	11.09	0.0706	297	7	100	15
7/8/2021	11:45 PM	29.584	0	0	0	0.039	82.9	62	68.5	86.2	11.09	0.0706	299	7	100	15

ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/9/2021	12:00 AM	68.6	68.7	68.6	95	67.1	0	---	0	0	---	68.6	70.9	70.9
7/9/2021	12:15 AM	68.4	68.6	68.4	96	67.2	0	---	0	0	---	68.4	70.8	70.8
7/9/2021	12:30 AM	68.6	68.6	68.4	96	67.4	0	SSE	0	1	SSE	68.6	71.1	71.1
7/9/2021	12:45 AM	68.6	68.7	68.6	96	67.4	0	SSE	0	2	SSE	68.6	71.1	71.1
7/9/2021	1:00 AM	68.3	68.6	68.3	96	67.1	0	S	0	4	SSE	68.3	70.7	70.7
7/9/2021	1:15 AM	68.7	68.7	68.3	97	67.8	0	SSW	0	4	S	68.7	71.3	71.3
7/9/2021	1:30 AM	68.6	68.8	68.6	96	67.4	0	---	0	0	---	68.6	71.1	71.1
7/9/2021	1:45 AM	68.4	68.7	68.4	96	67.2	0	---	0	0	---	68.4	70.8	70.8
7/9/2021	2:00 AM	68.2	68.4	68.2	96	67	0	---	0	0	---	68.2	70.5	70.5
7/9/2021	2:15 AM	68.2	68.3	68.1	97	67.3	0	SSE	0	3	SSE	68.2	70.7	70.7
7/9/2021	2:30 AM	68.3	68.4	68.2	97	67.4	0	S	0	1	S	68.3	70.8	70.8
7/9/2021	2:45 AM	68.3	68.4	68.2	97	67.4	0	S	0	2	S	68.3	70.8	70.8
7/9/2021	3:00 AM	68.4	68.4	68.2	97	67.5	0	S	0	1	S	68.4	70.9	70.9
7/9/2021	3:15 AM	68.4	68.5	68.3	97	67.5	0	S	0	1	S	68.4	70.9	70.9
7/9/2021	3:30 AM	68.6	68.6	68.3	97	67.7	0	S	0	1	S	68.6	71.2	71.2
7/9/2021	3:45 AM	68.6	68.7	68.6	97	67.7	0	---	0	0	---	68.6	71.2	71.2
7/9/2021	4:00 AM	68.7	68.7	68.6	97	67.8	0	---	0	0	---	68.7	71.3	71.3
7/9/2021	4:15 AM	68.8	68.9	68.7	97	67.9	0	SSW	0	1	S	68.8	71.4	71.4
7/9/2021	4:30 AM	68.9	68.9	68.8	97	68	0	SSW	0	1	SSW	68.9	71.5	71.5
7/9/2021	4:45 AM	68.9	68.9	68.8	97	68	0	SSW	0	1	SSW	68.9	71.5	71.5
7/9/2021	5:00 AM	68.9	69	68.8	97	68	0	SSW	0	2	SW	68.9	71.5	71.5
7/9/2021	5:15 AM	68.9	68.9	68.8	97	68	0	SSW	0	1	SSW	68.9	71.5	71.5
7/9/2021	5:30 AM	68.9	68.9	68.8	97	68	0	SSW	0	2	SSW	68.9	71.5	71.5
7/9/2021	5:45 AM	68.9	69	68.8	97	68	0	SW	0	3	SSE	68.9	71.5	71.5
7/9/2021	6:00 AM	69.1	69.1	68.9	98	68.5	0	SW	0	2	SSE	69.1	71.8	71.8
7/9/2021	6:15 AM	69.2	69.2	69.1	97	68.3	0	ENE	0	3	SE	69.2	71.9	71.9
7/9/2021	6:30 AM	69.4	69.4	69.2	97	68.5	1	S	0.25	5	S	69.4	72.1	72.1
7/9/2021	6:45 AM	69.5	69.5	69.4	97	68.6	1	NW	0.25	3	NW	69.5	72.2	72.2
7/9/2021	7:00 AM	69.7	69.7	69.5	97	68.8	1	N	0.25	2	N	69.7	72.4	72.4
7/9/2021	7:15 AM	69.7	69.8	69.6	97	68.8	1	N	0.25	3	NW	69.7	72.4	72.4
7/9/2021	7:30 AM	70	70	69.7	97	69.1	1	WNW	0.25	4	SSE	70	72.7	72.7
7/9/2021	7:45 AM	70.3	70.3	69.9	97	69.4	0	S	0	2	SSW	70.3	73	73
7/9/2021	8:00 AM	70.4	70.5	70.3	97	69.5	1	WNW	0.25	2	W	70.4	73.1	73.1
7/9/2021	8:15 AM	70.4	70.4	70.3	97	69.5	0	N	0	4	SSE	70.4	73.1	73.1
7/9/2021	8:30 AM	70.7	70.7	70.4	97	69.8	0	N	0	2	ESE	70.7	73.4	73.4
7/9/2021	8:45 AM	70.7	70.8	70.6	96	69.5	0	WNW	0	2	WNW	70.7	73.3	73.3
7/9/2021	9:00 AM	70.8	70.9	70.7	97	69.9	0	NW	0	2	S	70.8	73.5	73.5
7/9/2021	9:15 AM	70.9	71	70.8	96	69.7	0	WNW	0	3	SSE	70.9	73.5	73.5
7/9/2021	9:30 AM	70.9	70.9	70.8	96	69.7	0	S	0	4	S	70.9	73.5	73.5

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/9/2021	12:00 AM	29.585	0	0	0	0.037	82.7	62	68.4	85.9	11.1	0.0706	296	7	99.7	15
7/9/2021	12:15 AM	29.592	0	0	0	0.035	82.5	62	68.2	85.5	11.1	0.0707	301	7	100	15
7/9/2021	12:30 AM	29.592	0	0	0	0.037	82.4	62	68.1	85.4	11.1	0.0707	301	7	100	15
7/9/2021	12:45 AM	29.592	0	0	0	0.037	82.2	62	67.9	85	11.11	0.0708	299	7	100	15
7/9/2021	1:00 AM	29.591	0.06	3.33	0	0.034	82.1	63	68.3	85.1	11.31	0.0707	300	7	100	15
7/9/2021	1:15 AM	29.588	0.08	2.01	0	0.039	82.2	63	68.3	85.3	11.31	0.0707	298	7	100	15
7/9/2021	1:30 AM	29.588	0	0	0	0.037	82.2	63	68.3	85.3	11.31	0.0707	301	7	100	15
7/9/2021	1:45 AM	29.59	0	0	0	0.035	82.1	63	68.3	85.1	11.31	0.0707	300	7	100	15
7/9/2021	2:00 AM	29.591	0	0	0	0.033	81.9	63	68.1	84.8	11.31	0.0708	301	7	100	15
7/9/2021	2:15 AM	29.592	0	0	0	0.033	81.8	63	68	84.6	11.31	0.0708	299	7	100	15
7/9/2021	2:30 AM	29.594	0	0	0	0.034	81.9	64	68.5	85	11.51	0.0708	301	7	100	15
7/9/2021	2:45 AM	29.595	0	0	0	0.034	81.9	64	68.5	85	11.51	0.0708	299	7	100	15
7/9/2021	3:00 AM	29.59	0	0	0	0.035	81.9	64	68.5	85	11.51	0.0707	296	7	99.7	15
7/9/2021	3:15 AM	29.589	0	0	0	0.035	81.8	64	68.4	84.8	11.51	0.0708	299	7	100	15
7/9/2021	3:30 AM	29.58	0	0	0	0.037	81.9	64	68.5	85	11.51	0.0707	301	7	100	15
7/9/2021	3:45 AM	29.582	0	0	0	0.037	82	64	68.6	85.2	11.51	0.0707	297	7	100	15
7/9/2021	4:00 AM	29.582	0	0	0	0.039	82	64	68.6	85.2	11.51	0.0707	302	7	100	15
7/9/2021	4:15 AM	29.58	0	0	0	0.04	82.1	64	68.7	85.3	11.51	0.0707	302	7	100	15
7/9/2021	4:30 AM	29.579	0	0	0	0.041	82.1	64	68.7	85.3	11.51	0.0707	300	7	100	15
7/9/2021	4:45 AM	29.582	0	0	0	0.041	82.2	64	68.8	85.5	11.51	0.0707	299	7	100	15
7/9/2021	5:00 AM	29.581	0	0	0	0.041	82.3	64	68.9	85.7	11.5	0.0707	304	7	100	15
7/9/2021	5:15 AM	29.583	0	0	0	0.041	82.2	64	68.8	85.5	11.51	0.0707	301	7	100	15
7/9/2021	5:30 AM	29.591	0	0	0	0.041	82.2	64	68.8	85.5	11.51	0.0707	296	7	99.7	15
7/9/2021	5:45 AM	29.595	0	0	0	0.041	82.2	64	68.8	85.5	11.51	0.0707	299	7	100	15
7/9/2021	6:00 AM	29.6	0	0	0	0.043	82.2	65	69.3	85.8	11.71	0.0707	300	7	100	15
7/9/2021	6:15 AM	29.598	0	0	0	0.044	82.3	65	69.4	85.9	11.7	0.0707	301	7	100	15
7/9/2021	6:30 AM	29.605	0	0	0	0.046	82.4	65	69.4	86.1	11.7	0.0707	298	7	100	15
7/9/2021	6:45 AM	29.606	0	0	0	0.047	82.4	65	69.4	86.1	11.7	0.0707	292	7	98.3	15
7/9/2021	7:00 AM	29.616	0	0	0	0.049	82.5	65	69.5	86.3	11.7	0.0707	289	7	97.3	15
7/9/2021	7:15 AM	29.617	0	0	0	0.049	82.6	65	69.6	86.5	11.7	0.0707	289	7	97.3	15
7/9/2021	7:30 AM	29.614	0	0	0	0.052	82.8	65	69.8	86.8	11.69	0.0706	290	7	97.6	15
7/9/2021	7:45 AM	29.61	0	0	0	0.055	83	65	70	87.2	11.69	0.0706	297	7	100	15
7/9/2021	8:00 AM	29.614	0	0	0	0.056	83.2	65	70.2	87.6	11.69	0.0705	296	7	99.7	15
7/9/2021	8:15 AM	29.611	0	0	0	0.056	83.2	65	70.2	87.6	11.69	0.0705	294	7	99	15
7/9/2021	8:30 AM	29.612	0	0	0	0.059	83.4	65	70.4	88	11.68	0.0705	299	7	100	15
7/9/2021	8:45 AM	29.614	0	0	0	0.059	83.5	65	70.5	88.1	11.68	0.0705	302	7	100	15
7/9/2021	9:00 AM	29.611	0	0	0	0.06	83.6	65	70.6	88.3	11.68	0.0705	301	7	100	15
7/9/2021	9:15 AM	29.609	0	0	0	0.061	83.7	65	70.7	88.5	11.68	0.0704	303	7	100	15
7/9/2021	9:30 AM	29.611	0.02	0.11	0	0.061	83.6	65	70.6	88.3	11.68	0.0705	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/9/2021	9:45 AM	71	71	70.8	97	70.1	0	SW	0	2	NE	71	73.7	73.7
7/9/2021	10:00 AM	71.2	71.2	71	97	70.3	1	NNW	0.25	4	NW	71.2	73.9	73.9
7/9/2021	10:15 AM	72.7	72.7	71.2	95	71.2	1	WSW	0.25	4	WSW	72.7	75.2	75.2
7/9/2021	10:30 AM	73.9	73.9	72.7	93	71.7	2	NW	0.5	10	WNW	73.9	76.4	76.4
7/9/2021	10:45 AM	73.7	74	73.7	92	71.2	2	WSW	0.5	4	W	73.7	76.1	76.1
7/9/2021	11:00 AM	73.4	73.7	73.3	92	70.9	1	WSW	0.25	3	WSW	73.4	75.7	75.7
7/9/2021	11:15 AM	74.7	74.7	73.4	88	70.9	2	SW	0.5	9	NW	74.7	77.1	77.1
7/9/2021	11:30 AM	76.2	76.2	74.7	90	73.1	1	WSW	0.25	4	NNW	76.2	79.3	79.3
7/9/2021	11:45 AM	77.2	77.2	76.2	87	73	1	WSW	0.25	6	WNW	77.2	80.7	80.7
7/9/2021	12:00 PM	77.2	77.7	77.2	83	71.6	2	W	0.5	6	W	77.2	80.3	80.3
7/9/2021	12:15 PM	79	79	77.2	81	72.7	1	WSW	0.25	4	SW	79	83.3	83.3
7/9/2021	12:30 PM	79.2	79.5	79	78	71.7	2	WSW	0.5	6	WNW	79.2	83.2	83.2
7/9/2021	12:45 PM	79.8	80.1	79.2	74	70.8	2	WSW	0.5	7	WNW	79.8	83.5	83.5
7/9/2021	1:00 PM	80.2	80.4	79.8	74	71.2	3	WSW	0.75	7	WNW	80.2	84.3	84.3
7/9/2021	1:15 PM	81.4	81.4	80.1	74	72.3	2	W	0.5	5	WNW	81.4	86.6	86.6
7/9/2021	1:30 PM	82.2	82.2	81.4	69	71	3	WSW	0.75	7	WSW	82.2	86.8	86.8
7/9/2021	1:45 PM	81.9	82.5	81.9	66	69.4	3	W	0.75	11	N	81.9	85.5	85.5
7/9/2021	2:00 PM	82.5	82.5	82	73	73	2	W	0.5	9	WNW	82.5	88.5	88.5
7/9/2021	2:15 PM	82.7	82.8	82.5	66	70.2	2	WSW	0.5	7	W	82.7	86.9	86.9
7/9/2021	2:30 PM	81.9	82.8	81.8	62	67.6	3	WNW	0.75	14	SW	81.9	84.5	84.5
7/9/2021	2:45 PM	82.4	82.5	82	62	68.1	3	W	0.75	12	W	82.4	85.4	85.4
7/9/2021	3:00 PM	82.7	82.7	82.3	60	67.4	3	WSW	0.75	8	WNW	82.7	85.3	85.3
7/9/2021	3:15 PM	83.3	83.3	82.6	58	67	3	WNW	0.75	7	WNW	83.3	85.9	85.9
7/9/2021	3:30 PM	84.4	84.4	83.3	59	68.5	3	WSW	0.75	14	WSW	84.4	88	88
7/9/2021	3:45 PM	83.8	84.3	83.6	58	67.4	3	WNW	0.75	10	WNW	83.8	86.7	86.7
7/9/2021	4:00 PM	85.1	85.1	83.8	55	67.1	3	N	0.75	10	NW	85.1	88.1	88.1
7/9/2021	4:15 PM	84.7	85.1	84.3	56	67.3	3	WNW	0.75	10	W	84.7	87.7	87.7
7/9/2021	4:30 PM	85.6	85.6	84.7	54	67	2	NW	0.5	8	WNW	85.6	88.6	88.6
7/9/2021	4:45 PM	85.6	85.7	85	54	67	2	W	0.5	9	WNW	85.6	88.6	88.6
7/9/2021	5:00 PM	84.5	85.6	84.4	53	65.5	2	NW	0.5	11	W	84.5	86.6	86.6
7/9/2021	5:15 PM	84.3	85.3	84.3	52	64.8	3	W	0.75	12	NNW	84.3	86.1	86.1
7/9/2021	5:30 PM	84	84.4	83.9	55	66.1	2	WNW	0.5	7	W	84	86.3	86.3
7/9/2021	5:45 PM	85	85.1	84.1	53	66	2	WNW	0.5	8	WSW	85	87.4	87.4
7/9/2021	6:00 PM	85.6	86	85	50	64.8	2	WSW	0.5	10	WSW	85.6	87.4	87.4
7/9/2021	6:15 PM	84.3	85.6	84.2	53	65.3	2	WNW	0.5	9	W	84.3	86.3	86.3
7/9/2021	6:30 PM	83.4	84.3	83.2	56	66.1	2	W	0.5	7	W	83.4	85.6	85.6
7/9/2021	6:45 PM	83.6	83.6	83.3	58	67.3	1	WNW	0.25	4	W	83.6	86.4	86.4
7/9/2021	7:00 PM	83.3	83.8	83.3	55	65.4	1	WNW	0.25	6	W	83.3	85.3	85.3
7/9/2021	7:15 PM	82.9	83.5	82.9	56	65.6	1	W	0.25	6	W	82.9	84.8	84.8

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/9/2021	9:45 AM	29.619	0	0.04	0	0.063	83.7	65	70.7	88.5	11.68	0.0705	300	7	100	15
7/9/2021	10:00 AM	29.614	0	0	0	0.065	83.8	65	70.8	88.7	11.67	0.0704	305	7	100	15
7/9/2021	10:15 AM	29.618	0	0	0	0.08	84.4	65	71.3	89.9	11.66	0.0703	297	7	100	15
7/9/2021	10:30 AM	29.622	0	0	0	0.093	85.4	65	72.3	91.9	11.63	0.0701	302	7	100	15
7/9/2021	10:45 AM	29.63	0	0	0	0.091	86	64	72.4	92.8	11.41	0.0701	298	7	100	15
7/9/2021	11:00 AM	29.633	0	0	0	0.088	86	64	72.4	92.8	11.41	0.0701	300	7	100	15
7/9/2021	11:15 AM	29.637	0	0	0	0.101	86.6	63	72.5	93.7	11.22	0.07	297	7	100	15
7/9/2021	11:30 AM	29.631	0	0	0	0.117	87.5	63	73.3	95.6	11.2	0.0698	295	7	99.3	15
7/9/2021	11:45 AM	29.634	0	0	0	0.127	88.8	62	74.1	98.1	10.97	0.0696	297	7	100	15
7/9/2021	12:00 PM	29.634	0	0	0	0.127	89.4	61	74.2	99	10.77	0.0695	296	7	99.7	15
7/9/2021	12:15 PM	29.628	0	0	0	0.146	90	60	74.2	99.8	10.55	0.0694	299	7	100	15
7/9/2021	12:30 PM	29.628	0	0	0	0.148	90.9	59	74.6	101.5	10.43	0.0693	299	7	100	15
7/9/2021	12:45 PM	29.625	0	0	0	0.154	91.4	58	74.5	102.1	10.25	0.0692	299	7	100	15
7/9/2021	1:00 PM	29.624	0	0	0	0.158	91.9	57	74.5	102.6	10.05	0.0692	298	7	100	15
7/9/2021	1:15 PM	29.62	0	0	0	0.171	92.7	56	74.7	103.9	9.9	0.069	300	7	100	15
7/9/2021	1:30 PM	29.622	0	0	0	0.179	93.2	55	74.6	104.4	9.62	0.069	299	7	100	15
7/9/2021	1:45 PM	29.623	0	0	0	0.176	94	54	74.8	105.7	9.49	0.0689	298	7	100	15
7/9/2021	2:00 PM	29.622	0	0	0	0.182	94.3	53	74.5	105.8	9.28	0.0689	301	7	100	15
7/9/2021	2:15 PM	29.612	0	0	0	0.184	94.6	52	74.2	105.8	9.17	0.0688	301	7	100	15
7/9/2021	2:30 PM	29.607	0	0	0	0.176	94.5	49	72.4	103.5	8.76	0.0689	303	7	100	15
7/9/2021	2:45 PM	29.603	0	0	0	0.181	94.6	49	72.5	103.7	8.76	0.0689	300	7	100	15
7/9/2021	3:00 PM	29.605	0	0	0	0.184	94.8	49	72.7	104.2	8.75	0.0689	303	7	100	15
7/9/2021	3:15 PM	29.605	0	0	0	0.191	95	49	72.8	104.6	8.75	0.0688	304	7	100	15
7/9/2021	3:30 PM	29.607	0	0	0	0.202	95.5	49	73.3	105.8	8.73	0.0688	301	7	100	15
7/9/2021	3:45 PM	29.603	0	0	0	0.196	95.7	48	72.9	105.6	8.54	0.0688	300	7	100	15
7/9/2021	4:00 PM	29.597	0	0	0	0.209	96	47	72.5	105.6	8.41	0.0687	302	7	100	15
7/9/2021	4:15 PM	29.589	0	0	0	0.205	95.9	45	71.1	104	8.13	0.0688	301	7	100	15
7/9/2021	4:30 PM	29.59	0	0	0	0.215	95.9	46	71.8	104.7	8.23	0.0688	296	7	99.7	15
7/9/2021	4:45 PM	29.59	0	0	0	0.215	95.6	46	71.5	104	8.24	0.0688	303	7	100	15
7/9/2021	5:00 PM	29.592	0	0	0	0.203	95.1	45	70.4	102.2	8.15	0.069	303	7	100	15
7/9/2021	5:15 PM	29.596	0	0	0	0.201	94.6	44	69.3	100.7	7.96	0.0691	302	7	100	15
7/9/2021	5:30 PM	29.592	0	0	0	0.198	94.1	45	69.5	100.2	8.15	0.0691	299	7	100	15
7/9/2021	5:45 PM	29.589	0	0	0	0.208	93.9	45	69.3	99.8	8.15	0.0692	300	7	100	15
7/9/2021	6:00 PM	29.586	0	0	0	0.215	93.9	44	68.7	99.3	7.97	0.0692	302	7	100	15
7/9/2021	6:15 PM	29.58	0	0	0	0.201	93.6	45	69.1	99.2	8.15	0.0692	299	7	100	15
7/9/2021	6:30 PM	29.576	0	0	0	0.192	93.2	44	68	98	7.99	0.0693	294	7	99	15
7/9/2021	6:45 PM	29.577	0	0	0	0.194	93	45	68.5	98.1	8.15	0.0693	298	7	100	15
7/9/2021	7:00 PM	29.577	0	0	0	0.191	92.8	45	68.3	97.7	8.15	0.0693	299	7	100	15
7/9/2021	7:15 PM	29.582	0	0	0	0.186	92.7	45	68.2	97.5	8.15	0.0694	305	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/9/2021	7:30 PM	82	82.9	82	57	65.3	1	WNW	0.25	5	WNW	82	83.7	83.7
7/9/2021	7:45 PM	80.8	82	80.8	63	67	1	WNW	0.25	3	WNW	80.8	83	83
7/9/2021	8:00 PM	80.1	80.8	80.1	65	67.3	0	WNW	0	2	WNW	80.1	82.3	82.3
7/9/2021	8:15 PM	79.2	80.1	79.2	64	66	1	WSW	0.25	3	SSE	79.2	80.8	80.8
7/9/2021	8:30 PM	78.6	79.2	78.5	64	65.4	1	WSW	0.25	3	WNW	78.6	80	80
7/9/2021	8:45 PM	78.1	78.6	78.1	65	65.4	0	W	0	3	W	78.1	79.4	79.4
7/9/2021	9:00 PM	76.6	78	76.6	68	65.2	0	W	0	2	W	76.6	77.9	77.9
7/9/2021	9:15 PM	74.8	76.6	74.8	72	65.2	1	WSW	0.25	3	S	74.8	76.2	76.2
7/9/2021	9:30 PM	74.7	74.8	74.6	77	67	1	S	0.25	4	SSE	74.7	76.5	76.5
7/9/2021	9:45 PM	73.9	74.7	73.8	82	68.1	1	SSW	0.25	5	SSE	73.9	75.9	75.9
7/9/2021	10:00 PM	73.4	73.8	73.4	86	69	1	SSE	0.25	4	SSE	73.4	75.4	75.4
7/9/2021	10:15 PM	73	73.4	72.9	86	68.6	1	SSW	0.25	4	S	73	74.9	74.9
7/9/2021	10:30 PM	72.4	73	72.4	87	68.3	0	SSW	0	1	S	72.4	74.3	74.3
7/9/2021	10:45 PM	71.9	72.4	71.9	89	68.5	0	S	0	1	SSE	71.9	73.9	73.9
7/9/2021	11:00 PM	71.3	71.9	71.3	90	68.2	0	---	0	0	---	71.3	73.4	73.4
7/9/2021	11:15 PM	70.8	71.3	70.8	91	68	0	S	0	1	S	70.8	73	73
7/9/2021	11:30 PM	70.4	70.8	70.4	92	68	0	S	0	2	NW	70.4	72.7	72.7
7/9/2021	11:45 PM	70	70.4	70	93	67.9	0	N	0	2	N	70	72.4	72.4
7/10/2021	12:00 AM	69.7	70	69.7	93	67.6	0	N	0	1	N	69.7	72.1	72.1
7/10/2021	12:15 AM	69.5	69.8	69.5	94	67.7	0	NNE	0	1	NNE	69.5	72	72
7/10/2021	12:30 AM	69.3	69.6	69.3	93	67.2	0	---	0	0	---	69.3	71.7	71.7
7/10/2021	12:45 AM	68.9	69.3	68.9	94	67.1	0	NNE	0	1	NNE	68.9	71.3	71.3
7/10/2021	1:00 AM	68.7	69	68.7	95	67.2	0	---	0	0	---	68.7	71.1	71.1
7/10/2021	1:15 AM	68.9	68.9	68.7	95	67.4	0	E	0	1	NNE	68.9	71.4	71.4
7/10/2021	1:30 AM	68.6	68.9	68.6	95	67.1	0	---	0	0	---	68.6	70.9	70.9
7/10/2021	1:45 AM	68.4	68.6	68.4	96	67.2	0	---	0	0	---	68.4	70.8	70.8
7/10/2021	2:00 AM	68.6	68.6	68.4	96	67.4	0	SE	0	1	SE	68.6	71.1	71.1
7/10/2021	2:15 AM	68.9	68.9	68.6	96	67.7	0	---	0	0	---	68.9	71.5	71.5
7/10/2021	2:30 AM	69.2	69.2	68.9	96	68	0	SE	0	1	SE	69.2	71.8	71.8
7/10/2021	2:45 AM	69.5	69.5	69.2	95	68	0	SE	0	2	SE	69.5	72.1	72.1
7/10/2021	3:00 AM	69.2	69.5	69.2	95	67.7	0	SSE	0	1	SSE	69.2	71.7	71.7
7/10/2021	3:15 AM	68.7	69.2	68.7	95	67.2	0	---	0	0	---	68.7	71.1	71.1
7/10/2021	3:30 AM	68.3	68.7	68.3	95	66.8	0	SSE	0	1	SSE	68.3	70.5	70.5
7/10/2021	3:45 AM	68.2	68.3	67.9	97	67.3	0	SSE	0	1	SSE	68.2	70.7	70.7
7/10/2021	4:00 AM	67.8	68.2	67.8	96	66.6	0	SSE	0	1	SSE	67.8	70	70
7/10/2021	4:15 AM	68.1	68.2	67.7	97	67.2	0	SSE	0	2	SSE	68.1	70.6	70.6
7/10/2021	4:30 AM	67.9	68.2	67.9	96	66.7	0	---	0	0	---	67.9	70.2	70.2
7/10/2021	4:45 AM	68.2	68.2	67.8	97	67.3	0	S	0	1	S	68.2	70.7	70.7
7/10/2021	5:00 AM	68.8	68.9	68.2	97	67.9	0	W	0	3	NW	68.8	71.4	71.4

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/9/2021	7:30 PM	29.583	0	0	0	0.177	92.4	46	68.6	97.5	8.3	0.0694	305	7	100	15
7/9/2021	7:45 PM	29.594	0	0	0	0.165	92	46	68.3	96.7	8.31	0.0695	305	7	100	15
7/9/2021	8:00 PM	29.602	0	0	0	0.157	91.5	47	68.4	96.3	8.45	0.0696	307	7	100	15
7/9/2021	8:15 PM	29.609	0	0	0	0.148	90.9	48	68.5	95.6	8.63	0.0696	301	7	100	15
7/9/2021	8:30 PM	29.616	0	0	0	0.142	90.4	48	68	94.7	8.64	0.0697	306	7	100	15
7/9/2021	8:45 PM	29.615	0	0	0	0.136	90	48	67.7	94	8.65	0.0698	304	7	100	15
7/9/2021	9:00 PM	29.624	0	0	0	0.121	89.4	48	67.1	92.9	8.66	0.0699	305	7	100	15
7/9/2021	9:15 PM	29.631	0	0	0	0.102	88.6	49	67	91.9	8.85	0.0701	304	7	100	15
7/9/2021	9:30 PM	29.639	0	0	0	0.101	88	50	67	91.2	9.05	0.0702	302	7	100	15
7/9/2021	9:45 PM	29.639	0	0	0	0.093	87.6	51	67.2	90.9	9.2	0.0702	301	7	100	15
7/9/2021	10:00 PM	29.643	0	0	0	0.088	87.2	52	67.4	90.6	9.35	0.0703	298	7	100	15
7/9/2021	10:15 PM	29.654	0	0	0	0.083	87	53	67.8	90.6	9.51	0.0703	303	7	100	15
7/9/2021	10:30 PM	29.661	0	0	0	0.077	86.7	54	68.1	90.4	9.72	0.0703	305	7	100	15
7/9/2021	10:45 PM	29.663	0	0	0	0.072	86.2	55	68.1	89.9	9.83	0.0704	303	7	100	15
7/9/2021	11:00 PM	29.665	0	0	0	0.066	85.8	56	68.3	89.5	10.03	0.0704	304	7	100	15
7/9/2021	11:15 PM	29.665	0	0	0	0.06	85.3	56	67.8	88.7	10.04	0.0705	304	7	100	15
7/9/2021	11:30 PM	29.664	0	0	0	0.056	84.9	57	68	88.3	10.25	0.0706	302	7	100	15
7/9/2021	11:45 PM	29.669	0	0	0	0.052	84.7	57	67.8	88	10.24	0.0706	303	7	100	15
7/10/2021	12:00 AM	29.674	0	0	0	0.049	84.4	58	68	87.7	10.35	0.0707	304	7	100	15
7/10/2021	12:15 AM	29.676	0	0	0	0.047	84.2	58	67.8	87.4	10.35	0.0707	301	7	100	15
7/10/2021	12:30 AM	29.674	0	0	0	0.045	84	58	67.6	87	10.35	0.0707	304	7	100	15
7/10/2021	12:45 AM	29.674	0	0	0	0.041	83.7	58	67.4	86.5	10.35	0.0708	301	7	100	15
7/10/2021	1:00 AM	29.669	0	0	0	0.039	83.4	59	67.6	86.3	10.55	0.0708	304	7	100	15
7/10/2021	1:15 AM	29.66	0	0	0	0.041	83.2	59	67.4	85.9	10.55	0.0708	305	7	100	15
7/10/2021	1:30 AM	29.658	0	0	0	0.037	83	60	67.7	85.8	10.75	0.0708	305	7	100	15
7/10/2021	1:45 AM	29.659	0	0	0	0.035	82.9	60	67.6	85.6	10.75	0.0708	305	7	100	15
7/10/2021	2:00 AM	29.658	0	0	0	0.037	83	60	67.7	85.8	10.75	0.0708	302	7	100	15
7/10/2021	2:15 AM	29.654	0	0	0	0.041	83.1	61	68.3	86.3	10.95	0.0708	305	7	100	15
7/10/2021	2:30 AM	29.65	0	0	0	0.044	83.2	61	68.3	86.4	10.95	0.0707	302	7	100	15
7/10/2021	2:45 AM	29.647	0	0	0	0.047	83.3	61	68.4	86.6	10.95	0.0707	304	7	100	15
7/10/2021	3:00 AM	29.644	0	0	0	0.044	83	61	68.2	86.1	10.95	0.0708	303	7	100	15
7/10/2021	3:15 AM	29.645	0	0	0	0.039	82.8	61	68	85.8	10.95	0.0708	303	7	100	15
7/10/2021	3:30 AM	29.646	0	0	0	0.034	82.5	61	67.7	85.3	10.95	0.0709	304	7	100	15
7/10/2021	3:45 AM	29.64	0	0	0	0.033	82.2	61	67.4	84.8	10.95	0.0709	304	7	100	15
7/10/2021	4:00 AM	29.649	0	0	0	0.029	82.1	61	67.3	84.6	10.95	0.0709	303	7	100	15
7/10/2021	4:15 AM	29.65	0	0	0	0.032	81.8	62	67.5	84.4	11.11	0.071	304	7	100	15
7/10/2021	4:30 AM	29.655	0	0	0	0.03	81.9	62	67.6	84.5	11.11	0.071	305	7	100	15
7/10/2021	4:45 AM	29.649	0	0	0	0.033	82	62	67.7	84.7	11.11	0.0709	305	7	100	15
7/10/2021	5:00 AM	29.649	0	0	0	0.04	82.2	62	67.9	85	11.11	0.0709	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/10/2021	5:15 AM	69.2	69.2	68.8	97	68.3	0	W	0	2	W	69.2	71.9	71.9
7/10/2021	5:30 AM	69.4	69.4	69.2	96	68.2	0	W	0	3	W	69.4	72	72
7/10/2021	5:45 AM	69.2	69.4	69.2	96	68	0	SSE	0	2	SW	69.2	71.8	71.8
7/10/2021	6:00 AM	68.6	69.2	68.6	96	67.4	0	SE	0	1	SE	68.6	71.1	71.1
7/10/2021	6:15 AM	68.3	68.6	68.2	96	67.1	0	---	0	0	---	68.3	70.7	70.7
7/10/2021	6:30 AM	68.4	68.4	68.2	97	67.5	0	---	0	0	---	68.4	70.9	70.9
7/10/2021	6:45 AM	68.8	68.8	68.4	97	67.9	0	SE	0	1	SE	68.8	71.4	71.4
7/10/2021	7:00 AM	69	69	68.7	97	68.1	0	---	0	0	---	69	71.7	71.7
7/10/2021	7:15 AM	69.4	69.4	68.9	97	68.5	0	---	0	0	---	69.4	72.1	72.1
7/10/2021	7:30 AM	69.9	69.9	69.4	97	69	0	WSW	0	2	WSW	69.9	72.6	72.6
7/10/2021	7:45 AM	70.5	70.5	69.9	96	69.3	0	SSW	0	2	SSW	70.5	73.1	73.1
7/10/2021	8:00 AM	71.6	71.6	70.5	95	70.1	0	W	0	2	WSW	71.6	74.1	74.1
7/10/2021	8:15 AM	71.9	71.9	71.6	93	69.8	1	NW	0.25	5	NNW	71.9	74.2	74.2
7/10/2021	8:30 AM	72.4	72.4	71.9	92	69.9	1	NW	0.25	3	NW	72.4	74.7	74.7
7/10/2021	8:45 AM	72.6	72.7	72.4	91	69.8	1	W	0.25	3	NW	72.6	74.8	74.8
7/10/2021	9:00 AM	73.4	73.4	72.6	89	70	1	SW	0.25	4	NNW	73.4	75.5	75.5
7/10/2021	9:15 AM	73.9	73.9	73.4	87	69.8	1	SW	0.25	3	NNW	73.9	76	76
7/10/2021	9:30 AM	74.3	74.3	73.8	86	69.8	1	WSW	0.25	4	NNW	74.3	76.5	76.5
7/10/2021	9:45 AM	74.9	75	74.3	86	70.4	1	WSW	0.25	4	NW	74.9	77.4	77.4
7/10/2021	10:00 AM	74.9	75	74.7	85	70.1	2	NW	0.5	8	NW	74.9	77.4	77.4
7/10/2021	10:15 AM	75.9	75.9	74.9	83	70.4	1	WNW	0.25	6	WNW	75.9	78.4	78.4
7/10/2021	10:30 AM	76.1	76.2	75.9	82	70.2	2	S	0.5	5	S	76.1	78.6	78.6
7/10/2021	10:45 AM	76.8	76.8	76.1	82	70.9	2	W	0.5	4	SSE	76.8	79.6	79.6
7/10/2021	11:00 AM	77.1	77.2	76.8	80	70.5	2	WNW	0.5	7	W	77.1	79.9	79.9
7/10/2021	11:15 AM	77.4	77.5	76.9	82	71.5	2	NW	0.5	6	WSW	77.4	80.6	80.6
7/10/2021	11:30 AM	77.9	77.9	77.5	80	71.2	2	NW	0.5	5	SSE	77.9	81.1	81.1
7/10/2021	11:45 AM	78.6	78.6	77.9	77	70.8	2	W	0.5	5	WSW	78.6	81.9	81.9
7/10/2021	12:00 PM	78.7	79	78.5	76	70.5	1	S	0.25	6	SSE	78.7	82	82
7/10/2021	12:15 PM	80.3	80.3	78.7	74	71.3	2	NW	0.5	4	WNW	80.3	84.5	84.5
7/10/2021	12:30 PM	80.9	80.9	79.8	71	70.6	2	WSW	0.5	7	NW	80.9	84.9	84.9
7/10/2021	12:45 PM	81.1	81.1	80.4	73	71.6	2	W	0.5	5	NW	81.1	85.8	85.8
7/10/2021	1:00 PM	80.9	81.2	80.8	73	71.4	2	WSW	0.5	6	S	80.9	85.4	85.4
7/10/2021	1:15 PM	80.5	81.2	80.5	70	69.8	2	ENE	0.5	4	S	80.5	84	84
7/10/2021	1:30 PM	80.2	80.5	80.2	72	70.4	1	SSW	0.25	3	SW	80.2	83.9	83.9
7/10/2021	1:45 PM	80.6	80.6	79.8	75	71.9	1	S	0.25	6	SSW	80.6	85.2	85.2
7/10/2021	2:00 PM	80.9	81.3	80.7	73	71.4	2	S	0.5	6	SSE	80.9	85.4	85.4
7/10/2021	2:15 PM	80.5	80.9	80.4	72	70.6	1	S	0.25	6	S	80.5	84.4	84.4
7/10/2021	2:30 PM	81.7	81.7	80.4	69	70.5	2	WNW	0.5	5	SSE	81.7	85.9	85.9
7/10/2021	2:45 PM	82.5	82.5	81.5	66	70	2	SW	0.5	6	SSE	82.5	86.6	86.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/10/2021	5:15 AM	29.648	0	0	0	0.044	82.3	62	68	85.2	11.1	0.0709	306	7	100	15
7/10/2021	5:30 AM	29.65	0	0	0	0.046	82.5	62	68.2	85.5	11.1	0.0708	303	7	100	15
7/10/2021	5:45 AM	29.649	0	0	0	0.044	82.4	63	68.5	85.6	11.3	0.0708	303	7	100	15
7/10/2021	6:00 AM	29.641	0	0	0	0.037	82.1	62	67.8	84.8	11.11	0.0709	304	7	100	15
7/10/2021	6:15 AM	29.649	0	0	0	0.034	82	63	68.2	84.9	11.31	0.0709	297	7	100	15
7/10/2021	6:30 AM	29.651	0	0	0	0.035	82.1	63	68.3	85.1	11.31	0.0709	303	7	100	15
7/10/2021	6:45 AM	29.643	0	0	0	0.04	82.2	63	68.3	85.3	11.31	0.0709	306	7	100	15
7/10/2021	7:00 AM	29.651	0	0	0	0.042	82.3	63	68.4	85.4	11.3	0.0709	299	7	100	15
7/10/2021	7:15 AM	29.654	0	0	0	0.046	82.5	63	68.6	85.8	11.3	0.0708	303	7	100	15
7/10/2021	7:30 AM	29.655	0	0	0	0.051	82.8	63	68.9	86.3	11.29	0.0708	303	7	100	15
7/10/2021	7:45 AM	29.659	0	0	0	0.057	83.1	63	69.2	86.8	11.29	0.0707	302	7	100	15
7/10/2021	8:00 AM	29.655	0	0	0	0.069	83.6	63	69.7	87.7	11.28	0.0706	305	7	100	15
7/10/2021	8:15 AM	29.661	0	0	0	0.072	84	63	70	88.5	11.27	0.0706	303	7	100	15
7/10/2021	8:30 AM	29.668	0	0	0	0.077	84.3	63	70.3	89	11.26	0.0705	303	7	100	15
7/10/2021	8:45 AM	29.67	0	0	0	0.079	84.7	63	70.7	89.8	11.26	0.0704	304	7	100	15
7/10/2021	9:00 AM	29.668	0	0	0	0.088	85.2	62	70.7	90.4	11.05	0.0704	300	7	100	15
7/10/2021	9:15 AM	29.674	0	0	0	0.093	85.6	62	71.1	91.2	11.04	0.0703	304	7	100	15
7/10/2021	9:30 AM	29.674	0	0	0	0.097	85.9	61	70.9	91.4	10.91	0.0703	300	7	100	15
7/10/2021	9:45 AM	29.672	0	0	0	0.103	86.5	61	71.5	92.6	10.89	0.0702	283	7	95.3	15
7/10/2021	10:00 AM	29.682	0	0	0	0.103	86.9	61	71.8	93.4	10.87	0.0701	282	7	94.9	15
7/10/2021	10:15 AM	29.683	0	0	0	0.114	87.7	60	72.1	94.7	10.64	0.07	292	7	98.3	15
7/10/2021	10:30 AM	29.686	0	0	0	0.116	88.3	59	72.2	95.5	10.48	0.0699	299	7	100	15
7/10/2021	10:45 AM	29.69	0	0	0	0.123	89.1	58	72.4	96.8	10.27	0.0698	280	7	94.3	15
7/10/2021	11:00 AM	29.692	0	0	0	0.126	89.9	58	73.1	98.5	10.25	0.0697	285	7	96	15
7/10/2021	11:15 AM	29.695	0	0	0	0.129	90.3	57	73	98.9	10.05	0.0696	289	7	97.3	15
7/10/2021	11:30 AM	29.689	0	0	0	0.134	90.7	57	73.4	99.8	10.05	0.0696	295	7	99.3	15
7/10/2021	11:45 AM	29.69	0	0	0	0.142	91.2	56	73.3	100.4	9.93	0.0695	284	7	95.6	15
7/10/2021	12:00 PM	29.683	0	0	0	0.143	91.6	55	73.1	100.7	9.69	0.0694	288	7	97	15
7/10/2021	12:15 PM	29.675	0	0	0	0.159	92.4	55	73.9	102.5	9.65	0.0693	298	7	100	15
7/10/2021	12:30 PM	29.667	0	0	0	0.166	93.1	54	74	103.5	9.53	0.0692	300	7	100	15
7/10/2021	12:45 PM	29.656	0	0	0	0.168	93.2	53	73.5	103.1	9.32	0.0692	292	7	98.3	15
7/10/2021	1:00 PM	29.655	0	0	0	0.166	93.5	52	73.2	103.2	9.21	0.0691	299	7	100	15
7/10/2021	1:15 PM	29.643	0	0	0	0.161	93.7	52	73.4	103.7	9.2	0.0691	298	7	100	15
7/10/2021	1:30 PM	29.642	0	0	0	0.158	93.4	52	73.1	103	9.21	0.0691	305	7	100	15
7/10/2021	1:45 PM	29.639	0	0	0	0.162	93	52	72.8	102	9.23	0.0692	301	7	100	15
7/10/2021	2:00 PM	29.631	0	0	0	0.166	92.6	53	73	101.8	9.35	0.0692	300	7	100	15
7/10/2021	2:15 PM	29.627	0	0	0	0.161	92.1	52	71.9	100.1	9.27	0.0693	306	7	100	15
7/10/2021	2:30 PM	29.621	0	0	0	0.174	92.4	52	72.2	100.7	9.25	0.0693	304	7	100	15
7/10/2021	2:45 PM	29.614	0	0	0	0.182	92.9	52	72.7	101.8	9.23	0.0691	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/10/2021	3:00 PM	82.9	83	82.3	64	69.5	1	SW	0.25	4	NW	82.9	86.7	86.7
7/10/2021	3:15 PM	83.2	83.5	83	68	71.5	2	W	0.5	4	W	83.2	88.5	88.5
7/10/2021	3:30 PM	83.4	83.4	83.1	66	70.8	1	S	0.25	5	SSE	83.4	88.3	88.3
7/10/2021	3:45 PM	83.7	83.7	83.3	66	71.1	2	W	0.5	4	S	83.7	88.9	88.9
7/10/2021	4:00 PM	84.3	84.3	83.8	66	71.7	1	WNW	0.25	5	S	84.3	90.1	90.1
7/10/2021	4:15 PM	85.1	85.2	84.3	65	72	1	SSE	0.25	6	S	85.1	91.3	91.3
7/10/2021	4:30 PM	83.7	85.1	83.7	64	70.2	1	S	0.25	5	SSE	83.7	88.2	88.2
7/10/2021	4:45 PM	84.1	84.1	83.6	66	71.5	1	S	0.25	5	SSE	84.1	89.6	89.6
7/10/2021	5:00 PM	83.3	84.2	83.3	65	70.3	2	S	0.5	7	SSE	83.3	87.8	87.8
7/10/2021	5:15 PM	82.4	83.3	82.4	64	69	1	SSE	0.25	4	S	82.4	85.9	85.9
7/10/2021	5:30 PM	80.7	82.4	80.7	70	70	1	SSW	0.25	4	WNW	80.7	84.4	84.4
7/10/2021	5:45 PM	77.8	80.7	77.8	71	67.6	2	WSW	0.5	13	WNW	77.8	79.9	79.9
7/10/2021	6:00 PM	72.1	77.7	72.1	81	65.9	4	W	1	18	WSW	72.1	73.7	73.7
7/10/2021	6:15 PM	70.7	72.1	70.7	83	65.3	2	WNW	0.5	8	W	70.7	72.3	72.3
7/10/2021	6:30 PM	70.4	70.8	70.4	86	66	1	NW	0.25	2	NW	70.4	72.2	72.2
7/10/2021	6:45 PM	70.5	70.5	70.3	88	66.8	1	S	0.25	2	WNW	70.5	72.5	72.5
7/10/2021	7:00 PM	71.4	71.5	70.5	87	67.3	0	WSW	0	2	SE	71.4	73.3	73.3
7/10/2021	7:15 PM	72.2	72.2	71.5	86	67.8	0	W	0	2	WSW	72.2	74.1	74.1
7/10/2021	7:30 PM	72.6	72.7	72.2	87	68.5	0	NW	0	2	ESE	72.6	74.6	74.6
7/10/2021	7:45 PM	72.8	72.9	72.6	87	68.7	0	ENE	0	2	NNE	72.8	74.8	74.8
7/10/2021	8:00 PM	73.1	73.1	72.9	88	69.3	0	ENE	0	1	ENE	73.1	75.1	75.1
7/10/2021	8:15 PM	72.4	73.1	72.4	87	68.3	0	ENE	0	1	ENE	72.4	74.3	74.3
7/10/2021	8:30 PM	71.7	72.4	71.7	88	68	0	ENE	0	1	ENE	71.7	73.7	73.7
7/10/2021	8:45 PM	71	71.7	71	89	67.6	0	ENE	0	2	ENE	71	73	73
7/10/2021	9:00 PM	70.3	71	70.3	90	67.2	0	---	0	0	---	70.3	72.4	72.4
7/10/2021	9:15 PM	69.9	70.3	69.9	92	67.5	0	ENE	0	1	ENE	69.9	72.2	72.2
7/10/2021	9:30 PM	69.5	69.9	69.5	92	67.1	0	---	0	0	---	69.5	71.8	71.8
7/10/2021	9:45 PM	69.2	69.5	69.2	93	67.1	0	ENE	0	2	ENE	69.2	71.6	71.6
7/10/2021	10:00 PM	69.3	69.3	69.2	94	67.5	0	E	0	2	ENE	69.3	71.7	71.7
7/10/2021	10:15 PM	68.6	69.3	68.6	94	66.8	1	E	0.25	2	E	68.6	70.9	70.9
7/10/2021	10:30 PM	68.5	68.7	68.5	94	66.7	1	E	0.25	2	E	68.5	70.7	70.7
7/10/2021	10:45 PM	68.2	68.6	68.2	95	66.7	0	E	0	2	E	68.2	70.4	70.4
7/10/2021	11:00 PM	68.5	68.5	68.2	96	67.3	0	E	0	2	E	68.5	70.9	70.9
7/10/2021	11:15 PM	68.6	68.6	68.4	95	67.1	0	E	0	1	E	68.6	70.9	70.9
7/10/2021	11:30 PM	68.6	68.6	68.4	96	67.4	1	WSW	0.25	4	WSW	68.6	71.1	71.1
7/10/2021	11:45 PM	68.7	68.8	68.6	95	67.2	0	SSE	0	2	SW	68.7	71.1	71.1
7/11/2021	12:00 AM	68.4	68.7	68.4	95	66.9	0	SE	0	1	SSE	68.4	70.7	70.7
7/11/2021	12:15 AM	68.3	68.4	68.3	96	67.1	0	SE	0	1	SE	68.3	70.7	70.7
7/11/2021	12:30 AM	68	68.3	68	96	66.8	0	ESE	0	2	SE	68	70.3	70.3

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/10/2021	3:00 PM	29.607	0	0	0	0.186	93.1	51	72.3	101.6	9.09	0.0691	306	7	100	15
7/10/2021	3:15 PM	29.605	0	0	0	0.19	93.7	51	72.8	103	9.08	0.069	304	7	100	15
7/10/2021	3:30 PM	29.6	0	0	0	0.192	93.8	50	72.3	102.6	8.9	0.069	305	7	100	15
7/10/2021	3:45 PM	29.591	0	0	0	0.195	94	50	72.5	103	8.89	0.069	303	7	100	15
7/10/2021	4:00 PM	29.588	0	0	0	0.201	94.1	50	72.6	103.2	8.89	0.0689	304	7	100	15
7/10/2021	4:15 PM	29.574	0	0	0	0.209	94.4	50	72.9	103.9	8.87	0.0688	303	7	100	15
7/10/2021	4:30 PM	29.571	0	0	0	0.195	94.1	49	72	102.6	8.77	0.0689	303	7	100	15
7/10/2021	4:45 PM	29.574	0	0	0	0.199	93.8	49	71.7	102	8.77	0.069	306	7	100	15
7/10/2021	5:00 PM	29.576	0	0	0	0.191	93.6	49	71.6	101.5	8.78	0.069	305	7	100	15
7/10/2021	5:15 PM	29.566	0	0	0	0.181	93.3	50	71.9	101.5	8.92	0.069	306	7	100	15
7/10/2021	5:30 PM	29.579	0	0	0	0.164	92.3	51	71.6	99.9	9.1	0.0692	307	7	100	15
7/10/2021	5:45 PM	29.609	0	0	0	0.133	91.2	51	70.5	97.6	9.13	0.0695	306	7	100	15
7/10/2021	6:00 PM	29.596	0	0	0	0.074	89.2	51	68.7	93.8	9.17	0.0698	304	7	100	15
7/10/2021	6:15 PM	29.584	0	0	0	0.059	87.6	52	67.8	91.3	9.35	0.07	302	7	100	15
7/10/2021	6:30 PM	29.588	0	0	0	0.056	86.2	53	67.1	89.2	9.53	0.0703	302	7	100	15
7/10/2021	6:45 PM	29.586	0	0	0	0.057	85.3	54	66.8	88.1	9.74	0.0704	305	7	100	15
7/10/2021	7:00 PM	29.587	0	0	0	0.067	85.3	55	67.3	88.4	9.84	0.0704	305	7	100	15
7/10/2021	7:15 PM	29.61	0	0	0	0.075	85.3	56	67.8	88.7	10.04	0.0704	303	7	100	15
7/10/2021	7:30 PM	29.623	0	0	0	0.079	85.2	57	68.2	88.8	10.24	0.0704	306	7	100	15
7/10/2021	7:45 PM	29.621	0	0	0	0.081	85	58	68.6	88.7	10.35	0.0704	304	7	100	15
7/10/2021	8:00 PM	29.614	0	0	0	0.084	84.8	58	68.4	88.4	10.35	0.0704	305	7	100	15
7/10/2021	8:15 PM	29.609	0	0	0	0.077	84.6	58	68.2	88.1	10.35	0.0705	303	7	100	15
7/10/2021	8:30 PM	29.618	0	0	0	0.07	84	59	68.1	87.3	10.55	0.0706	305	7	100	15
7/10/2021	8:45 PM	29.622	0	0	0	0.063	83.6	59	67.8	86.6	10.55	0.0707	305	7	100	15
7/10/2021	9:00 PM	29.625	0	0	0	0.055	83	60	67.7	85.8	10.75	0.0707	304	7	100	15
7/10/2021	9:15 PM	29.63	0	0	0	0.051	82.7	60	67.4	85.3	10.75	0.0708	306	7	100	15
7/10/2021	9:30 PM	29.631	0	0	0	0.047	82.3	61	67.5	84.9	10.95	0.0709	305	7	100	15
7/10/2021	9:45 PM	29.634	0	0	0	0.044	81.9	61	67.1	84.3	10.95	0.0709	304	7	100	15
7/10/2021	10:00 PM	29.641	0	0	0	0.045	81.6	62	67.3	84	11.12	0.071	303	7	100	15
7/10/2021	10:15 PM	29.648	0	0	0	0.037	81.5	62	67.2	83.9	11.12	0.071	304	7	100	15
7/10/2021	10:30 PM	29.649	0	0	0	0.036	81.4	62	67.1	83.7	11.12	0.071	305	7	100	15
7/10/2021	10:45 PM	29.652	0	0	0	0.033	81.3	63	67.5	83.8	11.32	0.071	303	7	100	15
7/10/2021	11:00 PM	29.656	0	0	0	0.036	81.2	63	67.4	83.6	11.33	0.0711	304	7	100	15
7/10/2021	11:15 PM	29.657	0	0	0	0.037	80.9	63	67.1	83.1	11.33	0.0711	305	7	100	15
7/10/2021	11:30 PM	29.673	0	0	0	0.037	80.9	63	67.1	83.1	11.33	0.0712	305	7	100	15
7/10/2021	11:45 PM	29.654	0	0	0	0.039	80.9	64	67.6	83.4	11.53	0.0711	305	7	100	15
7/11/2021	12:00 AM	29.65	0	0	0	0.035	80.7	64	67.4	83	11.54	0.0711	305	7	100	15
7/11/2021	12:15 AM	29.643	0	0	0	0.034	80.5	64	67.2	82.8	11.54	0.0711	300	7	100	15
7/11/2021	12:30 AM	29.633	0	0	0	0.031	80.5	64	67.2	82.8	11.54	0.0711	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/11/2021	12:45 AM	67.8	68.1	67.8	96	66.6	1	E	0.25	2	E	67.8	70	70
7/11/2021	1:00 AM	67.7	67.8	67.6	96	66.5	0	---	0	0	---	67.7	69.9	69.9
7/11/2021	1:15 AM	67.9	67.9	67.7	96	66.7	1	E	0.25	2	E	67.9	70.2	70.2
7/11/2021	1:30 AM	67.5	67.9	67.5	96	66.3	1	E	0.25	2	E	67.5	69.6	69.6
7/11/2021	1:45 AM	67.5	67.6	67.5	96	66.3	0	ENE	0	1	ENE	67.5	69.6	69.6
7/11/2021	2:00 AM	67.2	67.5	67.2	96	66	1	E	0.25	2	E	67.2	69.2	69.2
7/11/2021	2:15 AM	67.1	67.2	67	96	65.9	0	E	0	2	E	67.1	69.1	69.1
7/11/2021	2:30 AM	67	67.1	67	96	65.8	0	E	0	2	E	67	69	69
7/11/2021	2:45 AM	67	67.1	66.9	96	65.8	0	E	0	2	E	67	69	69
7/11/2021	3:00 AM	67	67.1	66.9	96	65.8	0	E	0	1	E	67	69	69
7/11/2021	3:15 AM	66.8	67	66.8	97	65.9	0	ENE	0	2	ENE	66.8	68.9	68.9
7/11/2021	3:30 AM	66.6	66.8	66.6	96	65.4	0	ENE	0	2	ENE	66.6	68.5	68.5
7/11/2021	3:45 AM	66.1	66.6	66.1	96	64.9	0	---	0	0	---	66.1	67.9	67.9
7/11/2021	4:00 AM	65.8	66.1	65.8	97	64.9	0	ENE	0	1	ENE	65.8	67.7	67.7
7/11/2021	4:15 AM	65.7	66	65.7	96	64.5	0	ENE	0	1	ENE	65.7	67.4	67.4
7/11/2021	4:30 AM	65	65.7	65	96	63.8	1	ENE	0.25	2	ENE	65	66.6	66.6
7/11/2021	4:45 AM	65.1	65.1	64.9	97	64.2	1	ENE	0.25	3	ENE	65.1	66.8	66.8
7/11/2021	5:00 AM	64.9	65.1	64.9	97	64	1	ENE	0.25	2	ENE	64.9	66.6	66.6
7/11/2021	5:15 AM	65	65	64.7	97	64.1	1	ENE	0.25	2	ENE	65	66.7	66.7
7/11/2021	5:30 AM	65.2	65.2	65	97	64.3	1	ENE	0.25	3	ENE	65.2	67	67
7/11/2021	5:45 AM	65.3	65.4	65.2	97	64.4	1	ENE	0.25	3	ENE	65.3	67.1	67.1
7/11/2021	6:00 AM	65.4	65.5	65.3	96	64.2	2	ENE	0.5	5	NE	65.4	67	67
7/11/2021	6:15 AM	65.1	65.4	65.1	96	63.9	2	ENE	0.5	4	ENE	65.1	66.7	66.7
7/11/2021	6:30 AM	65	65.2	65	97	64.1	1	ENE	0.25	3	E	65	66.7	66.7
7/11/2021	6:45 AM	65.1	65.1	64.9	96	63.9	1	ENE	0.25	4	ENE	65.1	66.7	66.7
7/11/2021	7:00 AM	65.4	65.5	65.1	96	64.2	2	NE	0.5	4	ENE	65.4	67	67
7/11/2021	7:15 AM	65.6	65.7	65.4	96	64.4	2	ENE	0.5	4	ENE	65.6	67.3	67.3
7/11/2021	7:30 AM	65.8	65.8	65.6	95	64.3	2	ENE	0.5	4	ESE	65.8	67.4	67.4
7/11/2021	7:45 AM	67.4	67.4	65.8	93	65.3	2	ENE	0.5	4	NE	67.4	69.2	69.2
7/11/2021	8:00 AM	68.8	68.8	67.5	91	66.1	2	ENE	0.5	4	ENE	68.8	70.9	70.9
7/11/2021	8:15 AM	69.4	69.5	68.8	90	66.3	2	NE	0.5	4	ENE	69.4	71.5	71.5
7/11/2021	8:30 AM	69.9	69.9	69.4	90	66.8	2	NE	0.5	3	ENE	69.9	72	72
7/11/2021	8:45 AM	70.4	70.4	69.8	89	67	2	NE	0.5	4	N	70.4	72.4	72.4
7/11/2021	9:00 AM	71.3	71.3	70.4	88	67.6	0	ENE	0	2	NNE	71.3	73.3	73.3
7/11/2021	9:15 AM	72.3	72.3	71.2	85	67.5	2	ENE	0.5	4	ENE	72.3	74.1	74.1
7/11/2021	9:30 AM	73.1	73.1	72.3	84	68	1	ENE	0.25	3	ENE	73.1	75	75
7/11/2021	9:45 AM	74.1	74.1	73	83	68.6	0	SSE	0	3	SSE	74.1	76.2	76.2
7/11/2021	10:00 AM	75.2	75.2	74	82	69.3	1	SW	0.25	3	SW	75.2	77.5	77.5
7/11/2021	10:15 AM	76.3	76.3	75.3	79	69.3	1	SW	0.25	4	SW	76.3	78.6	78.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/11/2021	12:45 AM	29.62	0	0	0	0.029	80.4	64	67.1	82.6	11.54	0.0711	306	7	100	15
7/11/2021	1:00 AM	29.618	0	0	0	0.028	80.2	64	66.9	82.3	11.55	0.0711	304	7	100	15
7/11/2021	1:15 AM	29.601	0	0	0	0.03	80.1	65	67.3	82.3	11.75	0.0711	303	7	100	15
7/11/2021	1:30 AM	29.594	0	0	0	0.026	80.1	65	67.3	82.3	11.75	0.0711	303	7	100	15
7/11/2021	1:45 AM	29.592	0	0	0	0.026	80	65	67.2	82.2	11.75	0.0711	303	7	100	15
7/11/2021	2:00 AM	29.588	0	0	0	0.023	79.7	65	66.9	81.7	11.76	0.0711	304	7	100	15
7/11/2021	2:15 AM	29.598	0	0	0	0.022	79.4	65	66.6	81.3	11.76	0.0712	305	7	100	15
7/11/2021	2:30 AM	29.596	0	0	0	0.021	79.2	65	66.4	81	11.77	0.0712	305	7	100	15
7/11/2021	2:45 AM	29.595	0	0	0	0.021	79.1	65	66.3	80.8	11.77	0.0713	304	7	100	15
7/11/2021	3:00 AM	29.596	0	0	0	0.021	78.9	65	66.1	80.6	11.77	0.0713	303	7	100	15
7/11/2021	3:15 AM	29.595	0	0	0	0.019	78.8	65	66	80.4	11.77	0.0713	306	7	100	15
7/11/2021	3:30 AM	29.602	0	0	0	0.017	78.7	65	65.9	80.3	11.78	0.0713	302	7	100	15
7/11/2021	3:45 AM	29.607	0	0	0	0.011	78.5	65	65.8	80	11.78	0.0714	305	7	100	15
7/11/2021	4:00 AM	29.601	0	0	0	0.008	78.4	65	65.7	79.9	11.78	0.0714	306	7	100	15
7/11/2021	4:15 AM	29.603	0	0	0	0.007	78.3	65	65.6	79.7	11.78	0.0714	303	7	100	15
7/11/2021	4:30 AM	29.605	0	0	0	0	78	65	65.3	79.3	11.79	0.0715	303	7	100	15
7/11/2021	4:45 AM	29.603	0	0	0	0.001	77.8	65	65.1	79.1	11.79	0.0715	306	7	100	15
7/11/2021	5:00 AM	29.598	0	0	0.001	0	77.7	65	65	78.9	11.8	0.0715	305	7	100	15
7/11/2021	5:15 AM	29.595	0	0	0	0	77.5	65	64.8	78.7	11.8	0.0716	304	7	100	15
7/11/2021	5:30 AM	29.597	0	0	0	0.002	77.4	65	64.7	78.6	11.8	0.0716	306	7	100	15
7/11/2021	5:45 AM	29.603	0	0	0	0.003	77.3	65	64.6	78.5	11.8	0.0716	302	7	100	15
7/11/2021	6:00 AM	29.599	0	0	0	0.004	77.2	65	64.5	78.3	11.81	0.0716	305	7	100	15
7/11/2021	6:15 AM	29.6	0	0	0	0.001	77.2	65	64.5	78.3	11.81	0.0716	303	7	100	15
7/11/2021	6:30 AM	29.603	0	0	0	0	77.1	65	64.4	78.2	11.81	0.0716	304	7	100	15
7/11/2021	6:45 AM	29.601	0	0	0	0.001	77.1	65	64.4	78.2	11.81	0.0716	303	7	100	15
7/11/2021	7:00 AM	29.611	0	0	0	0.004	77.3	66	65.1	78.6	12	0.0716	302	7	100	15
7/11/2021	7:15 AM	29.607	0	0	0	0.006	77.4	66	65.1	78.7	12	0.0716	305	7	100	15
7/11/2021	7:30 AM	29.607	0	0	0	0.008	77.5	65	64.8	78.7	11.8	0.0716	304	7	100	15
7/11/2021	7:45 AM	29.612	0	0	0	0.025	77.7	65	65	78.9	11.8	0.0716	304	7	100	15
7/11/2021	8:00 AM	29.614	0	0	0	0.04	77.9	66	65.6	79.3	11.99	0.0715	303	7	100	15
7/11/2021	8:15 AM	29.612	0	0	0	0.046	78.3	66	66	79.9	11.98	0.0714	306	7	100	15
7/11/2021	8:30 AM	29.611	0	0	0	0.051	78.7	66	66.4	80.4	11.98	0.0713	304	7	100	15
7/11/2021	8:45 AM	29.619	0	0	0	0.056	79.1	66	66.8	81	11.97	0.0713	306	7	100	15
7/11/2021	9:00 AM	29.62	0	0	0	0.066	79.5	66	67.1	81.6	11.96	0.0712	304	7	100	15
7/11/2021	9:15 AM	29.621	0	0	0	0.076	79.9	66	67.5	82.2	11.95	0.0711	304	7	100	15
7/11/2021	9:30 AM	29.627	0	0	0	0.084	80.5	65	67.6	82.9	11.74	0.0711	304	7	100	15
7/11/2021	9:45 AM	29.622	0	0	0	0.095	81.3	65	68.4	84.2	11.72	0.0709	304	7	100	15
7/11/2021	10:00 AM	29.623	0	0	0	0.106	81.9	65	69	85.2	11.71	0.0708	305	7	100	15
7/11/2021	10:15 AM	29.623	0	0	0	0.118	83.1	64	69.7	87.1	11.49	0.0706	306	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/11/2021	10:30 AM	77.7	77.7	76.3	75	69.1	1	NW	0.25	5	NNW	77.7	80.2	80.2
7/11/2021	10:45 AM	78.6	78.6	77.7	76	70.4	1	SW	0.25	4	SE	78.6	81.8	81.8
7/11/2021	11:00 AM	79.3	79.3	78.7	71	69.1	1	SW	0.25	4	SSE	79.3	82.2	82.2
7/11/2021	11:15 AM	79.7	79.7	79.2	70	69	2	WNW	0.5	7	WNW	79.7	82.6	82.6
7/11/2021	11:30 AM	80.7	80.7	79.7	67	68.7	2	WSW	0.5	8	SSW	80.7	83.7	83.7
7/11/2021	11:45 AM	81.7	81.7	80.7	70	71	2	NW	0.5	7	E	81.7	86.2	86.2
7/11/2021	12:00 PM	82.5	82.5	81.7	68	70.9	2	WSW	0.5	6	S	82.5	87.1	87.1
7/11/2021	12:15 PM	82.9	82.9	82.5	68	71.3	2	W	0.5	7	WNW	82.9	87.9	87.9
7/11/2021	12:30 PM	83.2	83.4	82.9	64	69.8	2	NW	0.5	8	NW	83.2	87.3	87.3
7/11/2021	12:45 PM	83.7	84	83.2	67	71.6	2	W	0.5	7	W	83.7	89.2	89.2
7/11/2021	1:00 PM	83.4	83.8	83.4	64	69.9	3	W	0.75	8	NW	83.4	87.7	87.7
7/11/2021	1:15 PM	83.8	84.1	83.5	68	72.1	3	SW	0.75	8	S	83.8	89.7	89.7
7/11/2021	1:30 PM	83.6	84.8	83.6	65	70.6	2	WSW	0.5	7	ESE	83.6	88.3	88.3
7/11/2021	1:45 PM	83.6	83.6	83	67	71.5	3	W	0.75	7	WNW	83.6	89	89
7/11/2021	2:00 PM	84.8	84.8	83.6	73	75.2	2	W	0.5	8	NNW	84.8	93.7	93.7
7/11/2021	2:15 PM	84.4	85.4	84.4	63	70.4	3	W	0.75	8	WSW	84.4	89.2	89.2
7/11/2021	2:30 PM	86.1	86.1	84.4	60	70.6	3	WSW	0.75	7	WNW	86.1	91.4	91.4
7/11/2021	2:45 PM	86.2	86.7	86.1	59	70.2	3	NW	0.75	8	NW	86.2	91.3	91.3
7/11/2021	3:00 PM	85.3	86.3	85.3	60	69.8	3	WSW	0.75	10	NW	85.3	89.9	89.9
7/11/2021	3:15 PM	85.8	85.9	85.3	61	70.8	3	W	0.75	10	NW	85.8	91.2	91.2
7/11/2021	3:30 PM	85.6	85.8	85.4	59	69.6	3	W	0.75	8	WNW	85.6	90.1	90.1
7/11/2021	3:45 PM	86.5	86.5	85.7	59	70.5	3	NW	0.75	10	W	86.5	91.8	91.8
7/11/2021	4:00 PM	87.3	87.3	86.6	63	73.2	2	WSW	0.5	4	W	87.3	95.2	95.2
7/11/2021	4:15 PM	87.3	88	87.3	62	72.7	3	WSW	0.75	11	SSE	87.3	94.7	94.7
7/11/2021	4:30 PM	87.6	87.7	86.9	55	69.4	3	SW	0.75	9	SSE	87.6	92.4	92.4
7/11/2021	4:45 PM	87	87.8	86.9	59	70.9	2	WNW	0.5	9	NNW	87	92.8	92.8
7/11/2021	5:00 PM	85	86.9	85	63	71	2	NNW	0.5	6	W	85	90.4	90.4
7/11/2021	5:15 PM	83.6	85	83.6	61	68.7	3	SW	0.75	9	ESE	83.6	87.1	87.1
7/11/2021	5:30 PM	83.4	83.6	83.4	63	69.5	2	SSE	0.5	6	S	83.4	87.4	87.4
7/11/2021	5:45 PM	83.6	83.6	83.3	62	69.2	2	S	0.5	6	SSE	83.6	87.4	87.4
7/11/2021	6:00 PM	86.1	86.1	83.6	60	70.6	2	W	0.5	6	SSE	86.1	91.4	91.4
7/11/2021	6:15 PM	84.9	86.2	84.9	64	71.4	2	NNW	0.5	6	W	84.9	90.5	90.5
7/11/2021	6:30 PM	84.4	84.9	84.1	67	72.2	1	WNW	0.25	5	SSE	84.4	90.6	90.6
7/11/2021	6:45 PM	83.5	84.8	83.5	65	70.5	2	WSW	0.5	6	S	83.5	88.1	88.1
7/11/2021	7:00 PM	83.3	83.5	82.9	66	70.8	1	SW	0.25	4	SSW	83.3	88.1	88.1
7/11/2021	7:15 PM	84.1	84.1	83.3	65	71.1	1	S	0.25	5	S	84.1	89.3	89.3
7/11/2021	7:30 PM	83.6	84.1	83.6	67	71.5	1	W	0.25	6	S	83.6	89	89
7/11/2021	7:45 PM	82.7	83.6	82.7	66	70.2	1	S	0.25	4	S	82.7	86.9	86.9
7/11/2021	8:00 PM	81.8	82.6	81.8	67	69.8	0	SSW	0	3	SSE	81.8	85.6	85.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/11/2021	10:30 AM	29.619	0	0	0	0.132	84.8	62	70.3	89.6	11.05	0.0703	305	7	100	15
7/11/2021	10:45 AM	29.621	0	0	0	0.142	86.6	61	71.5	92.8	10.89	0.07	303	7	100	15
7/11/2021	11:00 AM	29.626	0	0	0	0.149	87.7	59	71.6	94.3	10.5	0.0699	302	7	100	15
7/11/2021	11:15 AM	29.63	0	0	0	0.153	88.7	58	72	95.9	10.28	0.0698	303	7	100	15
7/11/2021	11:30 AM	29.627	0	0	0	0.164	89.5	57	72.3	97.1	10.07	0.0696	303	7	100	15
7/11/2021	11:45 AM	29.623	0	0	0	0.174	90.4	56	72.6	98.6	9.94	0.0695	306	7	100	15
7/11/2021	12:00 PM	29.622	0	0	0	0.182	91.4	55	73	100.2	9.69	0.0693	304	7	100	15
7/11/2021	12:15 PM	29.623	0	0	0	0.186	92.3	55	73.8	102.3	9.66	0.0692	304	7	100	15
7/11/2021	12:30 PM	29.622	0	0	0	0.19	93.1	54	74	103.5	9.53	0.0691	303	7	100	15
7/11/2021	12:45 PM	29.619	0	0	0	0.195	93.8	53	74.1	104.6	9.3	0.0689	303	7	100	15
7/11/2021	1:00 PM	29.618	0	0	0	0.192	94.2	52	73.9	104.8	9.18	0.0689	302	7	100	15
7/11/2021	1:15 PM	29.619	0	0	0	0.196	94.5	52	74.2	105.6	9.17	0.0689	306	7	100	15
7/11/2021	1:30 PM	29.613	0	0	0	0.194	94.9	52	74.5	106.5	9.15	0.0688	305	7	100	15
7/11/2021	1:45 PM	29.611	0	0	0	0.194	94.6	51	73.7	105.1	9.06	0.0689	303	7	100	15
7/11/2021	2:00 PM	29.605	0	0	0	0.206	95.2	51	74.2	106.5	9.05	0.0687	301	7	100	15
7/11/2021	2:15 PM	29.601	0	0	0	0.202	96.2	50	74.5	108.2	8.83	0.0686	305	7	100	15
7/11/2021	2:30 PM	29.594	0	0	0	0.22	96.4	49	74.1	107.9	8.69	0.0686	307	7	100	15
7/11/2021	2:45 PM	29.589	0	0	0	0.221	96.9	49	74.6	109.1	8.67	0.0685	304	7	100	15
7/11/2021	3:00 PM	29.588	0	0	0	0.211	97.1	48	74.1	108.9	8.51	0.0685	302	7	100	15
7/11/2021	3:15 PM	29.589	0	0	0	0.217	96.9	48	74	108.4	8.51	0.0685	304	7	100	15
7/11/2021	3:30 PM	29.58	0	0	0	0.215	96.8	48	73.9	108.2	8.51	0.0685	306	7	100	15
7/11/2021	3:45 PM	29.577	0	0	0	0.224	96.8	47	73.2	107.4	8.38	0.0685	305	7	100	15
7/11/2021	4:00 PM	29.573	0	0	0	0.232	97	47	73.4	107.9	8.37	0.0685	303	7	100	15
7/11/2021	4:15 PM	29.57	0	0	0	0.232	97.3	46	73.1	107.8	8.2	0.0685	306	7	100	15
7/11/2021	4:30 PM	29.571	0	0	0	0.235	97.2	46	73	107.6	8.21	0.0685	305	7	100	15
7/11/2021	4:45 PM	29.568	0	0	0	0.229	96.9	46	72.7	106.9	8.21	0.0685	305	7	100	15
7/11/2021	5:00 PM	29.563	0	0	0	0.208	96.4	46	72.2	105.8	8.22	0.0686	306	7	100	15
7/11/2021	5:15 PM	29.568	0	0	0	0.194	95.4	46	71.3	103.6	8.24	0.0688	303	7	100	15
7/11/2021	5:30 PM	29.574	0	0	0	0.192	94.7	46	70.7	102	8.26	0.0689	305	7	100	15
7/11/2021	5:45 PM	29.568	0	0	0	0.194	94.4	46	70.4	101.4	8.26	0.069	304	7	100	15
7/11/2021	6:00 PM	29.564	0	0	0	0.22	94.5	47	71.2	102.3	8.45	0.0689	302	7	100	15
7/11/2021	6:15 PM	29.562	0	0	0	0.207	94.3	48	71.6	102.5	8.56	0.0689	304	7	100	15
7/11/2021	6:30 PM	29.565	0	0	0	0.202	93.9	49	71.8	102.2	8.77	0.069	303	7	100	15
7/11/2021	6:45 PM	29.566	0	0	0	0.193	93.8	49	71.7	102	8.77	0.069	306	7	100	15
7/11/2021	7:00 PM	29.571	0	0	0	0.191	93.4	50	72	101.7	8.91	0.069	305	7	100	15
7/11/2021	7:15 PM	29.571	0	0	0	0.199	93.2	50	71.8	101.2	8.92	0.0691	304	7	100	15
7/11/2021	7:30 PM	29.574	0	0	0	0.194	93	50	71.6	100.8	8.93	0.0691	305	7	100	15
7/11/2021	7:45 PM	29.58	0	0	0	0.184	92.7	50	71.3	100.2	8.94	0.0692	304	7	100	15
7/11/2021	8:00 PM	29.586	0	0	0	0.175	92.2	50	70.9	99.1	8.96	0.0693	305	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/11/2021	8:15 PM	80.8	81.8	80.8	68	69.2	0	SSE	0	3	ESE	80.8	84.1	84.1
7/11/2021	8:30 PM	79.3	80.7	79.3	69	68.2	1	SSE	0.25	5	SSE	79.3	81.8	81.8
7/11/2021	8:45 PM	78.4	79.3	78.4	71	68.2	0	SSE	0	3	SSE	78.4	80.7	80.7
7/11/2021	9:00 PM	76.7	78.4	76.7	76	68.6	0	SW	0	2	S	76.7	78.9	78.9
7/11/2021	9:15 PM	75.5	76.6	75.5	77	67.8	0	S	0	1	S	75.5	77.5	77.5
7/11/2021	9:30 PM	74.7	75.5	74.7	80	68.1	0	S	0	1	S	74.7	76.7	76.7
7/11/2021	9:45 PM	74.4	74.7	74.3	81	68.2	0	S	0	1	S	74.4	76.4	76.4
7/11/2021	10:00 PM	74	74.4	73.9	82	68.2	0	S	0	1	S	74	76	76
7/11/2021	10:15 PM	73.4	73.9	73.3	83	67.9	0	---	0	0	---	73.4	75.3	75.3
7/11/2021	10:30 PM	73	73.4	73	84	67.9	0	S	0	1	S	73	74.9	74.9
7/11/2021	10:45 PM	72.9	73	72.8	85	68.1	0	---	0	0	---	72.9	74.8	74.8
7/11/2021	11:00 PM	72.3	72.8	72.3	86	67.9	0	S	0	2	S	72.3	74.2	74.2
7/11/2021	11:15 PM	71.4	72.3	71.3	87	67.3	0	SE	0	1	SE	71.4	73.3	73.3
7/11/2021	11:30 PM	70.8	71.5	70.7	89	67.4	0	SE	0	2	SE	70.8	72.8	72.8
7/11/2021	11:45 PM	70.5	70.7	70.4	90	67.4	0	SE	0	1	SE	70.5	72.6	72.6
7/12/2021	12:00 AM	70.4	70.6	70.4	90	67.3	0	SE	0	1	SE	70.4	72.5	72.5
7/12/2021	12:15 AM	70.5	70.5	70.3	90	67.4	0	---	0	0	---	70.5	72.6	72.6
7/12/2021	12:30 AM	69.7	70.7	69.7	90	66.6	0	SE	0	1	SE	69.7	71.8	71.8
7/12/2021	12:45 AM	69.5	69.7	69.5	92	67.1	0	---	0	0	---	69.5	71.8	71.8
7/12/2021	1:00 AM	70.3	70.3	69.5	90	67.2	0	W	0	4	WSW	70.3	72.4	72.4
7/12/2021	1:15 AM	72.9	72.9	70.3	83	67.4	3	WSW	0.75	10	SSW	72.9	74.7	74.7
7/12/2021	1:30 AM	72.7	73.1	72.7	84	67.6	2	WSW	0.5	5	WNW	72.7	74.5	74.5
7/12/2021	1:45 AM	72.1	72.7	72.1	85	67.3	1	SW	0.25	4	SSE	72.1	73.9	73.9
7/12/2021	2:00 AM	71.1	72.1	71.1	84	66	1	N	0.25	6	NW	71.1	72.8	72.8
7/12/2021	2:15 AM	70.4	71.1	70.4	85	65.7	1	NW	0.25	4	SSE	70.4	72.1	72.1
7/12/2021	2:30 AM	69.6	70.4	69.6	87	65.6	0	S	0	1	S	69.6	71.5	71.5
7/12/2021	2:45 AM	68.7	69.6	68.7	89	65.3	0	S	0	2	S	68.7	70.6	70.6
7/12/2021	3:00 AM	68.2	68.7	68.2	90	65.2	0	ESE	0	2	SE	68.2	70.1	70.1
7/12/2021	3:15 AM	67.7	68.2	67.7	91	65	0	SE	0	1	SE	67.7	69.5	69.5
7/12/2021	3:30 AM	67.2	67.7	67.2	92	64.8	0	SE	0	2	SE	67.2	68.9	68.9
7/12/2021	3:45 AM	67.1	67.2	67	93	65	0	SE	0	1	SE	67.1	68.8	68.8
7/12/2021	4:00 AM	67	67.2	67	92	64.6	0	SE	0	1	SE	67	68.7	68.7
7/12/2021	4:15 AM	66.5	67.1	66.5	93	64.4	0	SE	0	1	SE	66.5	68.1	68.1
7/12/2021	4:30 AM	66.1	66.6	66.1	94	64.3	0	SE	0	1	SE	66.1	67.7	67.7
7/12/2021	4:45 AM	65.8	66.1	65.8	94	64	0	---	0	0	---	65.8	67.3	67.3
7/12/2021	5:00 AM	65.6	65.8	65.6	95	64.1	0	SE	0	1	SE	65.6	67.1	67.1
7/12/2021	5:15 AM	65.4	65.6	65.4	94	63.6	0	ESE	0	2	ESE	65.4	66.8	66.8
7/12/2021	5:30 AM	65.3	65.5	65.2	96	64.1	1	ESE	0.25	2	ESE	65.3	66.9	66.9
7/12/2021	5:45 AM	65.1	65.4	65.1	96	63.9	0	ESE	0	1	ESE	65.1	66.7	66.7

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/11/2021	8:15 PM	29.584	0	0	0	0.165	91.6	50	70.3	97.9	8.99	0.0694	305	7	100	15
7/11/2021	8:30 PM	29.587	0	0	0	0.149	90.9	51	70.3	97	9.13	0.0695	305	7	100	15
7/11/2021	8:45 PM	29.582	0	0	0	0.14	90.3	51	69.7	95.9	9.14	0.0696	306	7	100	15
7/11/2021	9:00 PM	29.579	0	0	0	0.122	89.3	51	68.8	94	9.16	0.0698	304	7	100	15
7/11/2021	9:15 PM	29.585	0	0	0	0.109	88.5	52	68.6	92.9	9.35	0.0699	306	7	100	15
7/11/2021	9:30 PM	29.595	0	0	0	0.101	87.8	53	68.5	92	9.49	0.07	305	7	100	15
7/11/2021	9:45 PM	29.6	0	0	0	0.098	87.2	53	68	91	9.51	0.0701	306	7	100	15
7/11/2021	10:00 PM	29.612	0	0	0	0.094	86.8	54	68.2	90.6	9.71	0.0702	306	7	100	15
7/11/2021	10:15 PM	29.618	0	0	0	0.088	86.3	55	68.2	90	9.82	0.0703	304	7	100	15
7/11/2021	10:30 PM	29.628	0	0	0	0.083	85.9	55	67.9	89.3	9.83	0.0704	306	7	100	15
7/11/2021	10:45 PM	29.631	0	0	0	0.082	85.6	56	68.1	89.2	10.04	0.0704	306	7	100	15
7/11/2021	11:00 PM	29.629	0	0	0	0.076	85.3	56	67.8	88.7	10.04	0.0704	305	7	100	15
7/11/2021	11:15 PM	29.636	0	0	0	0.067	85.1	56	67.6	88.3	10.05	0.0705	305	7	100	15
7/11/2021	11:30 PM	29.633	0	0	0	0.06	84.7	57	67.8	88	10.24	0.0705	303	7	100	15
7/11/2021	11:45 PM	29.64	0	0	0	0.057	84.3	57	67.4	87.3	10.24	0.0706	305	7	100	15
7/12/2021	12:00 AM	29.643	0	0	0	0.056	84.1	58	67.7	87.2	10.35	0.0706	305	7	100	15
7/12/2021	12:15 AM	29.64	0	0	0	0.057	83.8	58	67.4	86.7	10.35	0.0707	304	7	100	15
7/12/2021	12:30 AM	29.641	0	0	0	0.049	83.5	59	67.7	86.4	10.55	0.0707	306	7	100	15
7/12/2021	12:45 AM	29.646	0	0	0	0.047	83.3	59	67.5	86.1	10.55	0.0708	306	7	100	15
7/12/2021	1:00 AM	29.664	0	0	0	0.055	83.2	60	67.9	86.1	10.75	0.0708	305	7	100	15
7/12/2021	1:15 AM	29.667	0	0	0	0.082	83.4	59	67.6	86.3	10.55	0.0708	304	7	100	15
7/12/2021	1:30 AM	29.672	0	0	0	0.08	83.4	59	67.6	86.3	10.55	0.0708	305	7	100	15
7/12/2021	1:45 AM	29.669	0	0	0	0.074	83.4	59	67.6	86.3	10.55	0.0708	303	7	100	15
7/12/2021	2:00 AM	29.67	0	0	0	0.064	83.1	59	67.3	85.8	10.55	0.0709	305	7	100	15
7/12/2021	2:15 AM	29.662	0	0	0	0.056	82.7	59	66.9	85.1	10.55	0.0709	304	7	100	15
7/12/2021	2:30 AM	29.655	0	0	0	0.048	82.4	59	66.6	84.7	10.55	0.071	306	7	100	15
7/12/2021	2:45 AM	29.658	0	0	0	0.039	81.7	60	66.5	83.7	10.75	0.0711	305	7	100	15
7/12/2021	3:00 AM	29.653	0	0	0	0.033	81.2	60	66	83	10.75	0.0711	304	7	100	15
7/12/2021	3:15 AM	29.652	0	0	0	0.028	80.8	60	65.6	82.4	10.75	0.0712	303	7	100	15
7/12/2021	3:30 AM	29.659	0	0	0	0.023	80.3	61	65.6	81.8	10.95	0.0713	302	7	100	15
7/12/2021	3:45 AM	29.659	0	0	0	0.022	80.1	61	65.4	81.5	10.95	0.0713	306	7	100	15
7/12/2021	4:00 AM	29.664	0	0	0	0.021	79.7	62	65.5	81.2	11.16	0.0714	303	7	100	15
7/12/2021	4:15 AM	29.672	0	0	0	0.016	79.5	62	65.3	80.9	11.16	0.0714	305	7	100	15
7/12/2021	4:30 AM	29.679	0	0	0	0.011	79.3	62	65.1	80.6	11.16	0.0715	306	7	100	15
7/12/2021	4:45 AM	29.685	0	0	0	0.008	79.1	62	65	80.4	11.17	0.0716	305	7	100	15
7/12/2021	5:00 AM	29.687	0	0	0	0.006	78.8	62	64.7	80	11.17	0.0716	306	7	100	15
7/12/2021	5:15 AM	29.693	0	0	0	0.004	78.6	63	64.9	79.9	11.38	0.0716	305	7	100	15
7/12/2021	5:30 AM	29.698	0	0	0	0.003	78.6	63	64.9	79.9	11.38	0.0717	307	7	100	15
7/12/2021	5:45 AM	29.704	0	0	0	0.001	78.4	63	64.8	79.6	11.38	0.0717	306	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/12/2021	6:00 AM	65	65.2	65	96	63.8	0	---	0	0	---	65	66.6	66.6
7/12/2021	6:15 AM	64.5	65.1	64.5	96	63.3	1	ENE	0.25	3	ENE	64.5	65.9	65.9
7/12/2021	6:30 AM	64.8	64.8	64.5	97	63.9	0	ENE	0	1	ENE	64.8	66.5	66.5
7/12/2021	6:45 AM	65.1	65.2	64.7	97	64.2	0	ENE	0	1	ENE	65.1	66.8	66.8
7/12/2021	7:00 AM	65.5	65.6	65.2	96	64.3	0	ENE	0	1	ENE	65.5	67.2	67.2
7/12/2021	7:15 AM	65.7	65.8	65.6	95	64.2	1	ENE	0.25	3	ENE	65.7	67.2	67.2
7/12/2021	7:30 AM	66	66	65.6	96	64.8	1	ENE	0.25	3	ENE	66	67.8	67.8
7/12/2021	7:45 AM	68.2	68.2	66	93	66.1	2	ENE	0.5	3	ENE	68.2	70.3	70.3
7/12/2021	8:00 AM	70.1	70.1	68.3	89	66.7	2	ENE	0.5	4	ENE	70.1	72.1	72.1
7/12/2021	8:15 AM	70.8	70.8	70.2	87	66.7	2	NE	0.5	4	ENE	70.8	72.7	72.7
7/12/2021	8:30 AM	71.4	71.4	70.8	86	67	1	NE	0.25	4	NE	71.4	73.3	73.3
7/12/2021	8:45 AM	71.7	71.7	71.4	87	67.6	1	NE	0.25	4	ENE	71.7	73.6	73.6
7/12/2021	9:00 AM	72.4	72.4	71.7	84	67.3	1	NNE	0.25	3	N	72.4	74.2	74.2
7/12/2021	9:15 AM	72.9	72.9	72.4	83	67.4	1	N	0.25	3	NNE	72.9	74.7	74.7
7/12/2021	9:30 AM	74	74	72.9	81	67.8	2	NE	0.5	6	NE	74	75.9	75.9
7/12/2021	9:45 AM	74.8	74.8	74	81	68.6	1	NNW	0.25	4	N	74.8	76.9	76.9
7/12/2021	10:00 AM	75.7	75.7	74.8	77	68	1	W	0.25	6	W	75.7	77.7	77.7
7/12/2021	10:15 AM	76.7	76.7	75.8	77	68.9	2	W	0.5	4	SW	76.7	79	79
7/12/2021	10:30 AM	77.8	77.8	76.7	74	68.8	2	WSW	0.5	4	WSW	77.8	80.3	80.3
7/12/2021	10:45 AM	79	79	77.8	71	68.8	2	SW	0.5	8	NW	79	81.7	81.7
7/12/2021	11:00 AM	79.6	79.6	79	71	69.4	2	SW	0.5	6	SW	79.6	82.6	82.6
7/12/2021	11:15 AM	80.6	80.6	79.6	72	70.7	3	S	0.75	8	W	80.6	84.6	84.6
7/12/2021	11:30 AM	81.1	81.1	80.6	71	70.8	2	NW	0.5	8	SSE	81.1	85.3	85.3
7/12/2021	11:45 AM	82.1	82.2	81.1	67	70.1	2	WNW	0.5	7	NW	82.1	86.1	86.1
7/12/2021	12:00 PM	81.4	82.1	81.3	66	68.9	2	W	0.5	6	S	81.4	84.6	84.6
7/12/2021	12:15 PM	81.4	81.5	81.3	69	70.2	2	S	0.5	6	SSE	81.4	85.4	85.4
7/12/2021	12:30 PM	83	83	81.4	69	71.8	2	SSE	0.5	9	NNW	83	88.4	88.4
7/12/2021	12:45 PM	84.1	84.2	83	63	70.1	2	S	0.5	7	S	84.1	88.7	88.7
7/12/2021	1:00 PM	83.2	84	83.2	63	69.3	2	W	0.5	5	SSE	83.2	87	87
7/12/2021	1:15 PM	83.9	83.9	83.2	60	68.5	2	SW	0.5	8	SSE	83.9	87.3	87.3
7/12/2021	1:30 PM	83.3	84.2	83.3	58	67	2	W	0.5	8	NNW	83.3	85.9	85.9
7/12/2021	1:45 PM	83	83.4	83	62	68.6	2	WSW	0.5	8	NW	83	86.4	86.4
7/12/2021	2:00 PM	83	83	82.6	62	68.6	2	W	0.5	4	W	83	86.4	86.4
7/12/2021	2:15 PM	84	84.6	83	61	69.1	2	W	0.5	6	SSE	84	87.8	87.8
7/12/2021	2:30 PM	84.4	84.5	83.8	64	70.9	2	S	0.5	8	SSE	84.4	89.6	89.6
7/12/2021	2:45 PM	84.4	84.5	84	62	70	2	NW	0.5	8	W	84.4	88.9	88.9
7/12/2021	3:00 PM	83.2	84.5	83.2	61	68.3	1	W	0.25	5	S	83.2	86.4	86.4
7/12/2021	3:15 PM	82.2	83.2	82.1	66	69.7	0	SSW	0	2	S	82.2	86	86
7/12/2021	3:30 PM	84.6	84.8	82.2	67	72.4	2	SW	0.5	8	W	84.6	91	91

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/12/2021	6:00 AM	29.71	0	0	0	0	78.1	63	64.5	79.2	11.39	0.0718	305	7	100	15
7/12/2021	6:15 AM	29.709	0	0	0.005	0	78	63	64.4	79.1	11.39	0.0718	305	7	100	15
7/12/2021	6:30 AM	29.711	0	0	0.002	0	77.9	63	64.3	78.9	11.39	0.0718	306	7	100	15
7/12/2021	6:45 AM	29.714	0	0	0	0.001	77.9	64	64.7	79.1	11.59	0.0718	304	7	100	15
7/12/2021	7:00 AM	29.717	0	0	0	0.005	78.1	64	64.9	79.3	11.59	0.0718	305	7	100	15
7/12/2021	7:15 AM	29.715	0	0	0	0.007	78.3	64	65.1	79.6	11.58	0.0717	304	7	100	15
7/12/2021	7:30 AM	29.719	0	0	0	0.01	78.4	64	65.2	79.7	11.58	0.0717	306	7	100	15
7/12/2021	7:45 AM	29.719	0	0	0	0.033	78.8	64	65.6	80.3	11.57	0.0716	305	7	100	15
7/12/2021	8:00 AM	29.722	0	0	0	0.053	79.2	64	66	80.8	11.57	0.0716	304	7	100	15
7/12/2021	8:15 AM	29.719	0	0	0	0.06	79.6	64	66.3	81.4	11.56	0.0715	304	7	100	15
7/12/2021	8:30 AM	29.725	0	0	0	0.067	80.1	64	66.8	82.1	11.55	0.0714	306	7	100	15
7/12/2021	8:45 AM	29.731	0	0	0	0.07	80.5	64	67.2	82.8	11.54	0.0714	305	7	100	15
7/12/2021	9:00 AM	29.73	0	0	0	0.077	80.9	64	67.6	83.4	11.53	0.0713	303	7	100	15
7/12/2021	9:15 AM	29.739	0	0	0	0.082	81.3	63	67.5	83.8	11.32	0.0713	306	7	100	15
7/12/2021	9:30 AM	29.736	0	0	0	0.094	81.9	63	68.1	84.8	11.31	0.0711	302	7	100	15
7/12/2021	9:45 AM	29.739	0	0	0	0.102	82.6	63	68.7	86	11.3	0.071	303	7	100	15
7/12/2021	10:00 AM	29.742	0	0	0	0.111	83.2	62	68.8	86.7	11.09	0.0709	306	7	100	15
7/12/2021	10:15 AM	29.746	0	0	0	0.122	84.4	61	69.5	88.6	10.95	0.0707	303	7	100	15
7/12/2021	10:30 AM	29.745	0	0	0	0.133	86.2	60	70.7	91.6	10.7	0.0704	305	7	100	15
7/12/2021	10:45 AM	29.743	0	0	0	0.146	87.8	58	71.2	94.1	10.29	0.0702	303	7	100	15
7/12/2021	11:00 AM	29.748	0	0	0	0.152	89.1	57	71.9	96.3	10.09	0.07	305	7	100	15
7/12/2021	11:15 AM	29.748	0	0	0	0.162	90.2	56	72.4	98.2	9.95	0.0698	303	7	100	15
7/12/2021	11:30 AM	29.747	0	0	0	0.168	91	55	72.6	99.3	9.71	0.0697	305	7	100	15
7/12/2021	11:45 AM	29.748	0	0	0	0.178	91.7	54	72.7	100.3	9.58	0.0696	303	7	100	15
7/12/2021	12:00 PM	29.755	0	0	0	0.171	91.8	53	72.2	100	9.38	0.0696	304	7	100	15
7/12/2021	12:15 PM	29.755	0	0	0	0.171	91.9	53	72.3	100.2	9.37	0.0696	306	7	100	15
7/12/2021	12:30 PM	29.75	0	0	0	0.188	92.5	52	72.3	100.9	9.25	0.0695	305	7	100	15
7/12/2021	12:45 PM	29.748	0	0	0	0.199	93.8	51	72.9	103.2	9.07	0.0693	305	7	100	15
7/12/2021	1:00 PM	29.746	0	0	0	0.19	94.1	51	73.2	103.9	9.07	0.0693	305	7	100	15
7/12/2021	1:15 PM	29.747	0	0	0	0.197	94.1	49	72	102.6	8.77	0.0694	305	7	100	15
7/12/2021	1:30 PM	29.743	0	0	0	0.191	94.4	49	72.3	103.3	8.76	0.0693	303	7	100	15
7/12/2021	1:45 PM	29.741	0	0	0	0.188	94.2	48	71.5	102.2	8.57	0.0694	306	7	100	15
7/12/2021	2:00 PM	29.738	0	0	0	0.188	94	48	71.3	101.8	8.57	0.0694	303	7	100	15
7/12/2021	2:15 PM	29.733	0	0	0	0.198	94.8	48	72	103.5	8.55	0.0692	305	7	100	15
7/12/2021	2:30 PM	29.726	0	0	0	0.202	95.1	48	72.3	104.2	8.55	0.0692	302	7	100	15
7/12/2021	2:45 PM	29.723	0	0	0	0.202	95.3	47	71.9	104	8.44	0.0692	303	7	100	15
7/12/2021	3:00 PM	29.72	0	0	0	0.19	95.1	47	71.7	103.5	8.45	0.0692	304	7	100	15
7/12/2021	3:15 PM	29.722	0	0	0	0.179	94	48	71.3	101.8	8.57	0.0694	304	7	100	15
7/12/2021	3:30 PM	29.719	0	0	0	0.204	94.8	49	72.7	104.2	8.75	0.0692	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/12/2021	3:45 PM	82.7	84.7	82.7	67	70.6	1	W	0.25	5	NNW	82.7	87.2	87.2
7/12/2021	4:00 PM	85.1	85.1	82.6	65	72	1	SW	0.25	3	NW	85.1	91.3	91.3
7/12/2021	4:15 PM	87.1	87.1	85.1	60	71.5	1	SSW	0.25	4	S	87.1	93.4	93.4
7/12/2021	4:30 PM	86.5	87.1	86.2	64	72.9	2	NNW	0.5	6	NNE	86.5	93.9	93.9
7/12/2021	4:45 PM	86.4	86.7	86.3	60	70.9	2	NW	0.5	7	NW	86.4	92	92
7/12/2021	5:00 PM	86.9	86.9	86	60	71.3	1	WNW	0.25	5	WNW	86.9	93	93
7/12/2021	5:15 PM	87.3	87.4	86.8	60	71.7	2	NNW	0.5	8	NNW	87.3	93.8	93.8
7/12/2021	5:30 PM	84.9	87.4	84.9	62	70.4	2	NW	0.5	5	NW	84.9	89.8	89.8
7/12/2021	5:45 PM	82.4	84.8	82.4	69	71.2	2	W	0.5	6	W	82.4	87.2	87.2
7/12/2021	6:00 PM	76.3	82.4	76.3	84	71.1	2	E	0.5	6	NW	76.3	79.1	79.1
7/12/2021	6:15 PM	74.6	76.3	74.6	89	71.1	1	ENE	0.25	4	NE	74.6	77	77
7/12/2021	6:30 PM	72.5	74.6	72.4	90	69.4	2	NE	0.5	5	NNE	72.5	74.6	74.6
7/12/2021	6:45 PM	73	73.1	72	90	69.9	2	N	0.5	4	NNW	73	75.1	75.1
7/12/2021	7:00 PM	73	73.2	72.8	88	69.2	1	N	0.25	4	N	73	75	75
7/12/2021	7:15 PM	72.7	73	72.7	92	70.2	1	ENE	0.25	4	E	72.7	75	75
7/12/2021	7:30 PM	72.2	72.7	72.2	92	69.7	0	ENE	0	2	ENE	72.2	74.5	74.5
7/12/2021	7:45 PM	71.9	72.2	71.9	93	69.8	1	ENE	0.25	2	ENE	71.9	74.2	74.2
7/12/2021	8:00 PM	71.8	71.9	71.8	93	69.7	1	NE	0.25	3	NE	71.8	74.2	74.2
7/12/2021	8:15 PM	71.7	71.9	71.7	93	69.6	1	ENE	0.25	4	E	71.7	74.1	74.1
7/12/2021	8:30 PM	71.2	71.7	71.2	94	69.4	2	E	0.5	5	ENE	71.2	73.7	73.7
7/12/2021	8:45 PM	70.8	71.2	70.8	94	69	1	ENE	0.25	3	NNE	70.8	73.3	73.3
7/12/2021	9:00 PM	70.4	70.8	70.4	94	68.6	1	ENE	0.25	3	E	70.4	72.9	72.9
7/12/2021	9:15 PM	70.2	70.4	70.1	94	68.4	1	ENE	0.25	2	ENE	70.2	72.7	72.7
7/12/2021	9:30 PM	70	70.2	70	94	68.2	1	ENE	0.25	2	ENE	70	72.5	72.5
7/12/2021	9:45 PM	69.7	70	69.7	95	68.2	0	ENE	0	1	ENE	69.7	72.3	72.3
7/12/2021	10:00 PM	69.3	69.7	69.3	95	67.8	0	ENE	0	1	ENE	69.3	71.8	71.8
7/12/2021	10:15 PM	69	69.4	69	96	67.8	0	---	0	0	---	69	71.6	71.6
7/12/2021	10:30 PM	69	69.1	68.9	97	68.1	0	ENE	0	2	ESE	69	71.7	71.7
7/12/2021	10:45 PM	69.1	69.2	69	97	68.2	0	SE	0	1	SE	69.1	71.8	71.8
7/12/2021	11:00 PM	69.3	69.3	69.1	97	68.4	0	SE	0	1	SE	69.3	72	72
7/12/2021	11:15 PM	69	69.3	68.9	97	68.1	1	SE	0.25	2	SE	69	71.7	71.7
7/12/2021	11:30 PM	68.7	69.1	68.7	96	67.5	1	ENE	0.25	2	SE	68.7	71.2	71.2
7/12/2021	11:45 PM	68.7	68.7	68.6	97	67.8	0	---	0	0	---	68.7	71.3	71.3
7/13/2021	12:00 AM	68.6	68.7	68.6	97	67.7	0	---	0	0	---	68.6	71.2	71.2
7/13/2021	12:15 AM	68.5	68.6	68.5	97	67.6	0	---	0	0	---	68.5	71.1	71.1
7/13/2021	12:30 AM	68.7	68.8	68.5	97	67.8	0	ESE	0	2	ESE	68.7	71.3	71.3
7/13/2021	12:45 AM	68.4	68.8	68.4	96	67.2	1	ESE	0.25	2	ESE	68.4	70.8	70.8
7/13/2021	1:00 AM	68.1	68.4	68.1	97	67.2	0	ENE	0	1	ENE	68.1	70.6	70.6
7/13/2021	1:15 AM	67.9	68.2	67.9	97	67	0	ENE	0	2	ENE	67.9	70.3	70.3

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/12/2021	3:45 PM	29.722	0	0	0	0.184	94.5	49	72.4	103.5	8.76	0.0692	306	7	100	15
7/12/2021	4:00 PM	29.712	0	0	0	0.209	94.6	49	72.5	103.7	8.76	0.0692	304	7	100	15
7/12/2021	4:15 PM	29.71	0	0	0	0.23	95.2	48	72.4	104.4	8.55	0.0691	305	7	100	15
7/12/2021	4:30 PM	29.705	0	0	0	0.224	95.3	48	72.5	104.7	8.54	0.0691	305	7	100	15
7/12/2021	4:45 PM	29.703	0	0	0	0.223	95.2	48	72.4	104.4	8.55	0.0691	306	7	100	15
7/12/2021	5:00 PM	29.698	0	0	0	0.228	94.9	48	72.1	103.8	8.55	0.0691	307	7	100	15
7/12/2021	5:15 PM	29.694	0	0	0	0.232	94.8	48	72	103.5	8.55	0.0691	303	7	100	15
7/12/2021	5:30 PM	29.688	0	0	0	0.207	94.4	48	71.7	102.7	8.56	0.0692	306	7	100	15
7/12/2021	5:45 PM	29.709	0	0	0	0.181	93.6	49	71.6	101.5	8.78	0.0694	305	7	100	15
7/12/2021	6:00 PM	29.709	0.11	1.38	0	0.118	92.1	51	71.4	99.5	9.11	0.0696	306	7	100	15
7/12/2021	6:15 PM	29.716	0.01	0.1	0	0.1	90.6	53	71.1	97.5	9.43	0.0698	305	7	100	15
7/12/2021	6:30 PM	29.727	0.02	0.18	0	0.078	89.6	54	70.8	95.9	9.66	0.07	303	7	100	15
7/12/2021	6:45 PM	29.729	0	0	0	0.083	88.4	55	70.2	94	9.78	0.0701	305	7	100	15
7/12/2021	7:00 PM	29.731	0	0	0	0.083	88	56	70.3	93.6	9.99	0.0702	306	7	100	15
7/12/2021	7:15 PM	29.73	0	0	0	0.08	87.5	57	70.4	93.1	10.15	0.0703	303	7	100	15
7/12/2021	7:30 PM	29.724	0	0	0	0.075	86.7	58	70.2	91.9	10.32	0.0704	305	7	100	15
7/12/2021	7:45 PM	29.736	0	0	0	0.072	86.3	58	69.8	91.1	10.32	0.0705	305	7	100	15
7/12/2021	8:00 PM	29.741	0	0	0	0.071	86.1	59	70.1	91.1	10.53	0.0705	306	7	100	15
7/12/2021	8:15 PM	29.738	0	0	0	0.07	85.9	59	69.9	90.7	10.53	0.0705	301	7	100	15
7/12/2021	8:30 PM	29.743	0	0	0	0.065	85.6	60	70.1	90.4	10.73	0.0705	304	7	100	15
7/12/2021	8:45 PM	29.738	0	0	0	0.06	85.2	60	69.7	89.7	10.74	0.0706	304	7	100	15
7/12/2021	9:00 PM	29.726	0	0	0	0.056	84.7	60	69.3	88.8	10.75	0.0707	304	7	100	15
7/12/2021	9:15 PM	29.736	0	0	0	0.054	84.3	60	68.9	88	10.75	0.0708	306	7	100	15
7/12/2021	9:30 PM	29.742	0	0	0	0.052	83.9	61	69	87.6	10.95	0.0708	305	7	100	15
7/12/2021	9:45 PM	29.743	0	0	0	0.049	83.4	61	68.5	86.8	10.95	0.0709	305	7	100	15
7/12/2021	10:00 PM	29.753	0	0	0	0.045	83	62	68.6	86.4	11.09	0.071	302	7	100	15
7/12/2021	10:15 PM	29.77	0	0	0	0.042	82.6	62	68.3	85.7	11.1	0.0711	305	7	100	15
7/12/2021	10:30 PM	29.781	0	0	0	0.042	82.4	62	68.1	85.4	11.1	0.0712	307	7	100	15
7/12/2021	10:45 PM	29.791	0	0	0	0.043	82.3	63	68.4	85.4	11.3	0.0712	304	7	100	15
7/12/2021	11:00 PM	29.796	0	0	0	0.045	82.3	63	68.4	85.4	11.3	0.0712	306	7	100	15
7/12/2021	11:15 PM	29.794	0	0	0	0.042	82.3	63	68.4	85.4	11.3	0.0712	304	7	100	15
7/12/2021	11:30 PM	29.798	0	0	0	0.039	82.2	63	68.3	85.3	11.31	0.0712	302	7	100	15
7/12/2021	11:45 PM	29.8	0	0	0	0.039	82	63	68.2	84.9	11.31	0.0713	303	7	100	15
7/13/2021	12:00 AM	29.804	0	0	0	0.037	81.7	64	68.3	84.7	11.52	0.0713	305	7	100	15
7/13/2021	12:15 AM	29.804	0	0	0	0.036	81.4	64	68.1	84.2	11.52	0.0714	302	7	100	15
7/13/2021	12:30 AM	29.806	0	0	0	0.039	81.2	64	67.9	83.8	11.53	0.0714	307	7	100	15
7/13/2021	12:45 AM	29.804	0	0	0	0.035	81.1	64	67.8	83.7	11.53	0.0714	305	7	100	15
7/13/2021	1:00 AM	29.809	0	0	0	0.032	80.9	64	67.6	83.4	11.53	0.0715	305	7	100	15
7/13/2021	1:15 AM	29.802	0	0	0	0.03	80.8	64	67.5	83.2	11.53	0.0715	307	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/13/2021	1:30 AM	67.3	68	67.2	97	66.4	1	ENE	0.25	2	ENE	67.3	69.6	69.6
7/13/2021	1:45 AM	67.4	67.4	67.2	97	66.5	0	ENE	0	1	ENE	67.4	69.7	69.7
7/13/2021	2:00 AM	67.7	67.7	67.4	97	66.8	1	SE	0.25	3	ENE	67.7	70.1	70.1
7/13/2021	2:15 AM	67.7	67.8	67.6	97	66.8	1	ESE	0.25	2	ESE	67.7	70.1	70.1
7/13/2021	2:30 AM	67.1	67.7	67	97	66.2	2	E	0.5	5	ENE	67.1	69.3	69.3
7/13/2021	2:45 AM	67	67.2	67	97	66.1	0	ENE	0	2	ENE	67	69.2	69.2
7/13/2021	3:00 AM	66.9	67.1	66.9	96	65.7	1	E	0.25	2	E	66.9	68.9	68.9
7/13/2021	3:15 AM	66.7	66.9	66.7	97	65.8	1	E	0.25	3	E	66.7	68.8	68.8
7/13/2021	3:30 AM	66.7	66.8	66.6	97	65.8	0	E	0	2	E	66.7	68.8	68.8
7/13/2021	3:45 AM	66.6	66.7	66.6	97	65.7	0	---	0	0	---	66.6	68.7	68.7
7/13/2021	4:00 AM	66.3	66.6	66.3	97	65.4	0	---	0	0	---	66.3	68.3	68.3
7/13/2021	4:15 AM	66.3	66.4	66.2	97	65.4	0	S	0	2	S	66.3	68.3	68.3
7/13/2021	4:30 AM	66.4	66.5	66.3	97	65.5	0	SSE	0	2	S	66.4	68.4	68.4
7/13/2021	4:45 AM	66.3	66.5	66.3	97	65.4	0	SSE	0	1	SSE	66.3	68.3	68.3
7/13/2021	5:00 AM	65.1	66.3	65.1	96	63.9	1	ENE	0.25	2	SSE	65.1	66.7	66.7
7/13/2021	5:15 AM	65.2	65.3	65	98	64.6	0	E	0	2	E	65.2	67.1	67.1
7/13/2021	5:30 AM	65.4	65.5	65.2	98	64.8	0	E	0	2	E	65.4	67.4	67.4
7/13/2021	5:45 AM	65.3	65.5	65.3	97	64.4	0	E	0	1	E	65.3	67.1	67.1
7/13/2021	6:00 AM	65.3	65.4	65.3	98	64.7	0	SSE	0	1	E	65.3	67.2	67.2
7/13/2021	6:15 AM	65.1	65.5	65.1	97	64.2	0	E	0	1	ENE	65.1	66.8	66.8
7/13/2021	6:30 AM	65.1	65.2	65	97	64.2	0	E	0	1	E	65.1	66.8	66.8
7/13/2021	6:45 AM	64.7	65.1	64.7	96	63.5	0	E	0	2	E	64.7	66.2	66.2
7/13/2021	7:00 AM	64.8	64.9	64.6	97	63.9	0	E	0	1	E	64.8	66.5	66.5
7/13/2021	7:15 AM	64.9	65	64.7	97	64	1	E	0.25	2	E	64.9	66.6	66.6
7/13/2021	7:30 AM	65.7	65.7	64.7	98	65.1	1	ESE	0.25	2	E	65.7	67.7	67.7
7/13/2021	7:45 AM	67.7	67.7	65.7	95	66.2	0	SSE	0	1	SSE	67.7	69.7	69.7
7/13/2021	8:00 AM	68.8	68.8	67.7	92	66.4	0	SSE	0	1	SSE	68.8	71	71
7/13/2021	8:15 AM	67.9	68.8	67.9	92	65.5	0	SSE	0	2	SSE	67.9	69.8	69.8
7/13/2021	8:30 AM	67.6	67.9	67.4	94	65.8	1	SW	0.25	2	SW	67.6	69.5	69.5
7/13/2021	8:45 AM	68.1	68.1	67.6	92	65.7	0	SW	0	2	SW	68.1	70.1	70.1
7/13/2021	9:00 AM	69.4	69.4	68.1	90	66.3	0	S	0	2	S	69.4	71.5	71.5
7/13/2021	9:15 AM	70.9	70.9	69.4	88	67.2	0	S	0	3	S	70.9	72.9	72.9
7/13/2021	9:30 AM	71.1	71.1	70.9	89	67.7	0	SW	0	3	NW	71.1	73.1	73.1
7/13/2021	9:45 AM	70.9	71.1	70.8	89	67.5	0	SSE	0	3	NW	70.9	72.9	72.9
7/13/2021	10:00 AM	72.2	72.2	70.9	86	67.8	1	SSW	0.25	4	SSE	72.2	74.1	74.1
7/13/2021	10:15 AM	73.5	73.6	72.3	85	68.7	1	NW	0.25	4	SE	73.5	75.5	75.5
7/13/2021	10:30 AM	73.7	73.7	73.5	85	68.9	1	S	0.25	7	NNE	73.7	75.7	75.7
7/13/2021	10:45 AM	73.9	73.9	73.6	83	68.4	0	W	0	2	NNW	73.9	75.9	75.9
7/13/2021	11:00 AM	74.4	74.5	73.9	81	68.2	1	S	0.25	3	S	74.4	76.4	76.4

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/13/2021	1:30 AM	29.791	0	0	0	0.024	80.6	64	67.3	82.9	11.54	0.0715	306	7	100	15
7/13/2021	1:45 AM	29.784	0	0	0	0.025	80.4	64	67.1	82.6	11.54	0.0715	306	7	100	15
7/13/2021	2:00 AM	29.761	0	0	0	0.028	80.1	65	67.3	82.3	11.75	0.0715	306	7	100	15
7/13/2021	2:15 AM	29.766	0	0	0	0.028	80.1	65	67.3	82.3	11.75	0.0715	304	7	100	15
7/13/2021	2:30 AM	29.75	0	0	0	0.022	80	65	67.2	82.2	11.75	0.0715	306	7	100	15
7/13/2021	2:45 AM	29.749	0	0	0	0.021	79.9	65	67.1	82.1	11.75	0.0715	302	7	100	15
7/13/2021	3:00 AM	29.73	0	0	0	0.02	79.8	65	67	81.9	11.75	0.0715	305	7	100	15
7/13/2021	3:15 AM	29.74	0	0	0	0.018	79.6	65	66.8	81.6	11.76	0.0715	305	7	100	15
7/13/2021	3:30 AM	29.751	0	0	0	0.018	79.3	65	66.5	81.2	11.76	0.0716	305	7	100	15
7/13/2021	3:45 AM	29.756	0	0	0	0.017	79.1	65	66.3	80.8	11.77	0.0717	306	7	100	15
7/13/2021	4:00 AM	29.757	0	0	0	0.014	79	65	66.2	80.7	11.77	0.0717	306	7	100	15
7/13/2021	4:15 AM	29.758	0	0	0	0.014	78.6	65	65.8	80.1	11.78	0.0717	303	7	100	15
7/13/2021	4:30 AM	29.758	0	0	0	0.015	78.5	65	65.8	80	11.78	0.0718	306	7	100	15
7/13/2021	4:45 AM	29.763	0	0	0	0.014	78.3	66	66	79.9	11.98	0.0718	305	7	100	15
7/13/2021	5:00 AM	29.762	0	0	0	0.001	78.2	65	65.5	79.6	11.79	0.0718	305	7	100	15
7/13/2021	5:15 AM	29.769	0	0	0	0.002	78	65	65.3	79.3	11.79	0.0719	305	7	100	15
7/13/2021	5:30 AM	29.772	0	0	0	0.004	77.8	65	65.1	79.1	11.79	0.0719	304	7	100	15
7/13/2021	5:45 AM	29.773	0	0	0	0.003	77.6	66	65.3	78.9	12	0.0719	305	7	100	15
7/13/2021	6:00 AM	29.782	0	0	0	0.003	77.4	66	65.1	78.7	12	0.072	305	7	100	15
7/13/2021	6:15 AM	29.789	0	0	0	0.001	77.5	66	65.2	78.8	12	0.072	305	7	100	15
7/13/2021	6:30 AM	29.794	0	0	0	0.001	77.3	66	65.1	78.6	12	0.0721	305	7	100	15
7/13/2021	6:45 AM	29.801	0	0	0.003	0	77.2	66	65	78.4	12.01	0.0721	305	7	100	15
7/13/2021	7:00 AM	29.805	0	0	0.002	0	77.2	66	65	78.4	12.01	0.0721	304	7	100	15
7/13/2021	7:15 AM	29.809	0	0	0.001	0	77.2	66	65	78.4	12.01	0.0721	306	7	100	15
7/13/2021	7:30 AM	29.812	0	0	0	0.007	77.5	66	65.2	78.8	12	0.0721	305	7	100	15
7/13/2021	7:45 AM	29.82	0	0	0	0.028	77.7	66	65.4	79.1	12	0.072	305	7	100	15
7/13/2021	8:00 AM	29.828	0	0	0	0.04	77.9	67	66.1	79.5	12.19	0.072	304	7	100	15
7/13/2021	8:15 AM	29.832	0	0	0	0.03	78.1	66	65.8	79.6	11.99	0.072	307	7	100	15
7/13/2021	8:30 AM	29.841	0	0	0	0.027	78.3	66	66	79.9	11.98	0.072	305	7	100	15
7/13/2021	8:45 AM	29.845	0	0	0	0.032	78.5	66	66.2	80.2	11.98	0.072	305	7	100	15
7/13/2021	9:00 AM	29.849	0	0	0	0.046	79	66	66.7	80.9	11.97	0.0719	302	7	100	15
7/13/2021	9:15 AM	29.847	0	0	0	0.061	79.7	66	67.3	81.9	11.96	0.0717	303	7	100	15
7/13/2021	9:30 AM	29.854	0	0	0	0.064	80.2	66	67.8	82.7	11.95	0.0717	305	7	100	15
7/13/2021	9:45 AM	29.854	0	0	0	0.061	80.5	66	68.1	83.2	11.94	0.0716	304	7	100	15
7/13/2021	10:00 AM	29.86	0	0	0	0.075	81.1	65	68.2	83.9	11.73	0.0715	307	7	100	15
7/13/2021	10:15 AM	29.861	0	0	0	0.089	82.4	64	69	85.9	11.5	0.0713	306	7	100	15
7/13/2021	10:30 AM	29.865	0	0	0	0.091	83	64	69.6	86.9	11.49	0.0712	303	7	100	15
7/13/2021	10:45 AM	29.867	0	0	0	0.093	83.3	63	69.4	87.2	11.28	0.0712	307	7	100	15
7/13/2021	11:00 AM	29.864	0	0	0	0.098	83.8	63	69.9	88.1	11.27	0.0711	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/13/2021	11:15 AM	74.9	74.9	74.5	82	69	1	S	0.25	5	S	74.9	77.1	77.1
7/13/2021	11:30 AM	75.3	75.3	74.8	79	68.3	1	SW	0.25	5	SSE	75.3	77.4	77.4
7/13/2021	11:45 AM	74.8	75.3	74.8	80	68.2	1	S	0.25	4	SSE	74.8	76.9	76.9
7/13/2021	12:00 PM	74.5	74.9	74.5	80	67.9	0	SSW	0	2	SSW	74.5	76.5	76.5
7/13/2021	12:15 PM	74.6	74.6	74.4	80	68	1	WSW	0.25	4	SSE	74.6	76.6	76.6
7/13/2021	12:30 PM	75	75.1	74.6	79	68	1	S	0.25	5	S	75	77	77
7/13/2021	12:45 PM	75.7	75.7	75	80	69.1	1	W	0.25	4	NW	75.7	77.9	77.9
7/13/2021	1:00 PM	75.8	75.9	75.7	77	68.1	1	SSW	0.25	4	SSE	75.8	77.8	77.8
7/13/2021	1:15 PM	76.1	76.1	75.8	73	66.8	1	NW	0.25	4	NW	76.1	77.8	77.8
7/13/2021	1:30 PM	78.1	78.1	76.2	68	66.7	1	SSE	0.25	4	SSE	78.1	79.9	79.9
7/13/2021	1:45 PM	79	79.7	78.1	68	67.5	2	S	0.5	6	S	79	81.2	81.2
7/13/2021	2:00 PM	79.7	79.7	78.7	67	67.8	1	S	0.25	6	S	79.7	82.1	82.1
7/13/2021	2:15 PM	80.4	80.9	79.7	66	68	2	S	0.5	6	NNW	80.4	83	83
7/13/2021	2:30 PM	79.7	80.5	79.7	64	66.4	1	S	0.25	4	W	79.7	81.6	81.6
7/13/2021	2:45 PM	79.6	79.8	79.4	74	70.6	2	S	0.5	7	SSE	79.6	83.2	83.2
7/13/2021	3:00 PM	80.6	80.7	79.6	67	68.6	2	SSE	0.5	6	W	80.6	83.5	83.5
7/13/2021	3:15 PM	79.6	80.8	79.6	66	67.2	2	S	0.5	8	SSE	79.6	81.8	81.8
7/13/2021	3:30 PM	78.8	79.6	78.8	68	67.3	1	S	0.25	4	S	78.8	80.9	80.9
7/13/2021	3:45 PM	79	79	78.6	74	70	1	SSE	0.25	4	SSE	79	82.1	82.1
7/13/2021	4:00 PM	80.2	80.2	79	69	69.1	1	NW	0.25	4	NW	80.2	83.3	83.3
7/13/2021	4:15 PM	80.6	80.6	80.1	67	68.6	2	W	0.5	5	WNW	80.6	83.5	83.5
7/13/2021	4:30 PM	81.8	81.9	80.6	65	68.9	2	W	0.5	6	WNW	81.8	85.1	85.1
7/13/2021	4:45 PM	81.2	81.9	81.2	66	68.8	1	SW	0.25	6	W	81.2	84.3	84.3
7/13/2021	5:00 PM	80.9	81.2	80.8	64	67.6	2	WSW	0.5	5	SSE	80.9	83.4	83.4
7/13/2021	5:15 PM	80.7	80.9	80.7	68	69.2	2	WSW	0.5	6	W	80.7	83.9	83.9
7/13/2021	5:30 PM	81.1	81.3	80.7	63	67.3	2	WSW	0.5	9	NNW	81.1	83.5	83.5
7/13/2021	5:45 PM	81.5	81.8	80.9	65	68.6	1	NNW	0.25	9	WNW	81.5	84.6	84.6
7/13/2021	6:00 PM	80.8	81.6	80.8	65	67.9	1	NW	0.25	6	SSE	80.8	83.4	83.4
7/13/2021	6:15 PM	79.8	80.9	79.8	66	67.4	1	S	0.25	6	SSE	79.8	82.1	82.1
7/13/2021	6:30 PM	79.4	79.8	79.3	68	67.9	1	SW	0.25	3	SW	79.4	81.8	81.8
7/13/2021	6:45 PM	79.7	79.8	79.4	69	68.6	1	SSE	0.25	4	SSE	79.7	82.4	82.4
7/13/2021	7:00 PM	80	80.1	79.8	68	68.5	1	SW	0.25	4	SSE	80	82.7	82.7
7/13/2021	7:15 PM	79.5	80.1	79.4	70	68.9	0	S	0	2	S	79.5	82.3	82.3
7/13/2021	7:30 PM	78.9	79.5	78.9	70	68.3	1	S	0.25	2	SSE	78.9	81.4	81.4
7/13/2021	7:45 PM	78.6	78.9	78.6	72	68.8	0	S	0	2	S	78.6	81.2	81.2
7/13/2021	8:00 PM	78.3	78.6	78.3	75	69.7	0	S	0	2	S	78.3	81.2	81.2
7/13/2021	8:15 PM	77.6	78.3	77.6	76	69.4	0	S	0	2	S	77.6	80.2	80.2
7/13/2021	8:30 PM	76.1	77.6	76.1	78	68.7	0	S	0	2	S	76.1	78.3	78.3
7/13/2021	8:45 PM	74.4	76.1	74.4	81	68.2	1	S	0.25	2	S	74.4	76.4	76.4

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/13/2021	11:15 AM	29.869	0	0	0	0.103	84.5	62	70	89.1	11.06	0.071	307	7	100	15
7/13/2021	11:30 AM	29.87	0	0	0	0.107	85.2	61	70.2	90	10.94	0.0709	305	7	100	15
7/13/2021	11:45 AM	29.866	0	0	0	0.102	85.5	60	70	90.3	10.73	0.0709	304	7	100	15
7/13/2021	12:00 PM	29.862	0	0	0	0.099	85.3	60	69.8	89.9	10.74	0.0709	306	7	100	15
7/13/2021	12:15 PM	29.86	0	0	0	0.1	85.3	60	69.8	89.9	10.74	0.0709	302	7	100	15
7/13/2021	12:30 PM	29.858	0	0	0	0.104	85.7	59	69.7	90.3	10.54	0.0708	307	7	100	15
7/13/2021	12:45 PM	29.858	0	0	0	0.111	86.2	59	70.2	91.3	10.53	0.0707	305	7	100	15
7/13/2021	1:00 PM	29.859	0	0	0	0.113	86.7	59	70.7	92.2	10.52	0.0707	306	7	100	15
7/13/2021	1:15 PM	29.855	0	0	0	0.116	87	58	70.4	92.4	10.31	0.0706	305	7	100	15
7/13/2021	1:30 PM	29.853	0	0	0	0.136	88	57	70.9	94	10.13	0.0705	305	7	100	15
7/13/2021	1:45 PM	29.845	0	0	0	0.146	89.3	55	71	95.7	9.76	0.0703	304	7	100	15
7/13/2021	2:00 PM	29.841	0	0	0	0.153	89.7	54	70.8	96.1	9.66	0.0702	303	7	100	15
7/13/2021	2:15 PM	29.836	0	0	0	0.16	90.9	53	71.4	98.1	9.41	0.07	305	7	100	15
7/13/2021	2:30 PM	29.83	0	0	0	0.153	90.8	52	70.7	97.3	9.32	0.0701	306	7	100	15
7/13/2021	2:45 PM	29.826	0	0	0	0.152	90.7	52	70.7	97.1	9.32	0.0701	304	7	100	15
7/13/2021	3:00 PM	29.824	0	0	0	0.162	91.5	51	70.8	98.3	9.12	0.0699	302	7	100	15
7/13/2021	3:15 PM	29.823	0	0	0	0.152	91.6	50	70.3	97.9	8.99	0.07	304	7	100	15
7/13/2021	3:30 PM	29.82	0	0	0	0.144	90.9	51	70.3	97	9.13	0.07	305	7	100	15
7/13/2021	3:45 PM	29.817	0	0	0	0.146	90.6	52	70.6	96.9	9.33	0.0701	306	7	100	15
7/13/2021	4:00 PM	29.812	0	0	0	0.158	90.7	52	70.7	97.1	9.32	0.07	305	7	100	15
7/13/2021	4:15 PM	29.809	0	0	0	0.162	91.1	51	70.5	97.4	9.13	0.07	306	7	100	15
7/13/2021	4:30 PM	29.803	0	0	0	0.175	91.5	51	70.8	98.3	9.12	0.0699	304	7	100	15
7/13/2021	4:45 PM	29.803	0	0	0	0.169	91.3	51	70.6	97.8	9.12	0.0699	306	7	100	15
7/13/2021	5:00 PM	29.808	0	0	0	0.166	91	51	70.4	97.2	9.13	0.07	307	7	100	15
7/13/2021	5:15 PM	29.808	0	0	0	0.164	90.9	50	69.7	96.5	9.01	0.07	304	7	100	15
7/13/2021	5:30 PM	29.809	0	0	0	0.168	90.9	50	69.7	96.5	9.01	0.0701	304	7	100	15
7/13/2021	5:45 PM	29.814	0	0	0	0.172	91.1	51	70.5	97.4	9.13	0.07	306	7	100	15
7/13/2021	6:00 PM	29.813	0	0	0	0.165	91	50	69.8	96.7	9.01	0.07	305	7	100	15
7/13/2021	6:15 PM	29.81	0	0	0	0.154	90.8	50	69.6	96.3	9.02	0.0701	306	7	100	15
7/13/2021	6:30 PM	29.812	0	0	0	0.15	90.5	51	69.9	96.3	9.14	0.0701	303	7	100	15
7/13/2021	6:45 PM	29.813	0	0	0	0.153	90.3	51	69.7	95.9	9.14	0.0701	303	7	100	15
7/13/2021	7:00 PM	29.814	0	0	0	0.156	90.2	51	69.6	95.7	9.15	0.0702	306	7	100	15
7/13/2021	7:15 PM	29.812	0	0	0	0.151	89.9	52	69.9	95.6	9.35	0.0702	306	7	100	15
7/13/2021	7:30 PM	29.809	0	0	0	0.145	89.6	52	69.6	95	9.35	0.0702	306	7	100	15
7/13/2021	7:45 PM	29.805	0	0	0	0.142	89.4	53	70	95.1	9.46	0.0702	306	7	100	15
7/13/2021	8:00 PM	29.81	0	0	0	0.139	89	53	69.6	94.3	9.47	0.0703	303	7	100	15
7/13/2021	8:15 PM	29.802	0	0	0	0.131	88.7	54	69.9	94.1	9.68	0.0703	302	7	100	15
7/13/2021	8:30 PM	29.804	0	0	0	0.116	88	54	69.3	92.8	9.69	0.0704	303	7	100	15
7/13/2021	8:45 PM	29.81	0	0	0	0.098	87.2	55	69.1	91.7	9.81	0.0706	305	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/13/2021	9:00 PM	73.9	74.4	73.7	81	67.7	1	S	0.25	5	S	73.9	75.8	75.8
7/13/2021	9:15 PM	73.7	74	73.7	80	67.1	1	S	0.25	3	WSW	73.7	75.5	75.5
7/13/2021	9:30 PM	72.9	73.7	72.9	81	66.7	0	S	0	1	S	72.9	74.6	74.6
7/13/2021	9:45 PM	71.5	72.9	71.5	84	66.4	0	S	0	1	S	71.5	73.2	73.2
7/13/2021	10:00 PM	70.8	71.5	70.8	84	65.7	0	S	0	1	S	70.8	72.5	72.5
7/13/2021	10:15 PM	70.2	70.8	70.2	85	65.5	0	S	0	1	S	70.2	71.9	71.9
7/13/2021	10:30 PM	69.5	70.2	69.5	87	65.5	0	S	0	1	S	69.5	71.4	71.4
7/13/2021	10:45 PM	69.3	69.6	69.3	88	65.6	0	S	0	1	S	69.3	71.3	71.3
7/13/2021	11:00 PM	69.2	69.3	69.2	88	65.5	0	S	0	1	S	69.2	71.2	71.2
7/13/2021	11:15 PM	68.9	69.2	68.9	89	65.5	0	---	0	0	---	68.9	70.9	70.9
7/13/2021	11:30 PM	68.7	68.9	68.7	89	65.3	0	S	0	1	S	68.7	70.6	70.6
7/13/2021	11:45 PM	68.8	68.9	68.7	90	65.7	0	S	0	1	S	68.8	70.8	70.8
7/14/2021	12:00 AM	68.5	68.9	68.5	92	66.1	0	S	0	1	S	68.5	70.6	70.6
7/14/2021	12:15 AM	68.4	68.5	68.3	92	66	0	S	0	1	S	68.4	70.5	70.5
7/14/2021	12:30 AM	68	68.4	67.9	93	65.9	0	S	0	2	SE	68	70	70
7/14/2021	12:45 AM	68.2	68.2	67.9	92	65.8	0	ESE	0	1	ESE	68.2	70.2	70.2
7/14/2021	1:00 AM	68.3	68.4	68.2	92	65.9	0	ESE	0	1	ESE	68.3	70.3	70.3
7/14/2021	1:15 AM	67.7	68.3	67.7	93	65.6	0	---	0	0	---	67.7	69.6	69.6
7/14/2021	1:30 AM	67.3	67.7	67.3	93	65.2	0	ESE	0	2	ESE	67.3	69.1	69.1
7/14/2021	1:45 AM	67.1	67.3	67.1	94	65.3	0	---	0	0	---	67.1	68.9	68.9
7/14/2021	2:00 AM	67.1	67.2	67	94	65.3	0	ESE	0	1	ESE	67.1	68.9	68.9
7/14/2021	2:15 AM	67.1	67.2	67	95	65.6	0	ESE	0	1	ESE	67.1	68.9	68.9
7/14/2021	2:30 AM	67	67.2	67	95	65.5	0	ESE	0	1	ESE	67	68.8	68.8
7/14/2021	2:45 AM	66.9	67	66.8	95	65.4	0	ESE	0	1	ESE	66.9	68.7	68.7
7/14/2021	3:00 AM	66.5	66.9	66.5	95	65	0	ESE	0	1	ESE	66.5	68.2	68.2
7/14/2021	3:15 AM	66.1	66.5	66	96	64.9	0	ESE	0	1	ESE	66.1	67.9	67.9
7/14/2021	3:30 AM	66	66.1	65.9	96	64.8	0	ESE	0	1	ESE	66	67.8	67.8
7/14/2021	3:45 AM	65.9	66	65.8	96	64.7	0	ESE	0	1	ESE	65.9	67.6	67.6
7/14/2021	4:00 AM	65.6	65.9	65.6	96	64.4	0	ESE	0	2	ESE	65.6	67.3	67.3
7/14/2021	4:15 AM	65.5	65.6	65.2	97	64.6	0	ESE	0	2	ESE	65.5	67.3	67.3
7/14/2021	4:30 AM	65.5	65.8	65.4	96	64.3	0	ESE	0	2	ESE	65.5	67.2	67.2
7/14/2021	4:45 AM	65.5	65.6	65.4	97	64.6	1	E	0.25	2	ESE	65.5	67.3	67.3
7/14/2021	5:00 AM	66.1	66.1	65.6	97	65.2	0	E	0	2	E	66.1	68	68
7/14/2021	5:15 AM	66.6	66.7	66.1	97	65.7	1	E	0.25	2	E	66.6	68.7	68.7
7/14/2021	5:30 AM	66.5	66.8	66.5	96	65.3	0	E	0	1	E	66.5	68.4	68.4
7/14/2021	5:45 AM	65.8	66.5	65.8	96	64.6	1	E	0.25	2	E	65.8	67.5	67.5
7/14/2021	6:00 AM	65.9	66	65.7	97	65	1	E	0.25	2	E	65.9	67.8	67.8
7/14/2021	6:15 AM	66	66.2	66	97	65.1	1	E	0.25	2	E	66	67.9	67.9
7/14/2021	6:30 AM	66.3	66.4	66	97	65.4	0	E	0	1	E	66.3	68.3	68.3

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/13/2021	9:00 PM	29.811	0	0	0	0.093	86.5	55	68.4	90.4	9.82	0.0707	303	7	100	15
7/13/2021	9:15 PM	29.816	0	0	0	0.091	86.2	55	68.1	89.9	9.83	0.0708	304	7	100	15
7/13/2021	9:30 PM	29.822	0	0	0	0.082	85.6	56	68.1	89.2	10.04	0.0709	305	7	100	15
7/13/2021	9:45 PM	29.826	0	0	0	0.068	84.8	56	67.4	87.9	10.05	0.071	302	7	100	15
7/13/2021	10:00 PM	29.832	0	0	0	0.06	84.2	56	66.8	86.9	10.05	0.0711	304	7	100	15
7/13/2021	10:15 PM	29.833	0	0	0	0.054	83.5	57	66.7	86	10.22	0.0712	304	7	100	15
7/13/2021	10:30 PM	29.836	0	0	0	0.047	82.9	57	66.1	85	10.21	0.0714	304	7	100	15
7/13/2021	10:45 PM	29.838	0	0	0	0.045	82.6	58	66.3	84.8	10.35	0.0714	305	7	100	15
7/13/2021	11:00 PM	29.835	0	0	0	0.044	82.3	58	66	84.3	10.35	0.0714	305	7	100	15
7/13/2021	11:15 PM	29.837	0	0	0	0.041	82	59	66.3	84	10.55	0.0715	304	7	100	15
7/13/2021	11:30 PM	29.84	0	0	0	0.039	81.8	59	66.1	83.7	10.55	0.0715	303	7	100	15
7/13/2021	11:45 PM	29.847	0	0	0	0.04	81.7	59	66	83.6	10.55	0.0715	305	7	100	15
7/14/2021	12:00 AM	29.845	0	0	0	0.036	81.8	60	66.6	83.9	10.75	0.0715	305	7	100	15
7/14/2021	12:15 AM	29.847	0	0	0	0.035	81.6	60	66.4	83.6	10.75	0.0715	301	7	100	15
7/14/2021	12:30 AM	29.847	0	0	0	0.031	81.5	60	66.3	83.4	10.75	0.0716	303	7	100	15
7/14/2021	12:45 AM	29.851	0	0	0	0.033	81.3	61	66.6	83.4	10.95	0.0716	304	7	100	15
7/14/2021	1:00 AM	29.847	0	0	0	0.034	81.1	61	66.4	83.1	10.95	0.0716	305	7	100	15
7/14/2021	1:15 AM	29.846	0	0	0	0.028	80.8	61	66.1	82.6	10.95	0.0717	307	7	100	15
7/14/2021	1:30 AM	29.845	0	0	0	0.024	80.5	62	66.3	82.3	11.14	0.0717	306	7	100	15
7/14/2021	1:45 AM	29.851	0	0	0	0.022	80.2	62	66	81.9	11.15	0.0718	304	7	100	15
7/14/2021	2:00 AM	29.852	0	0	0	0.022	80	62	65.8	81.6	11.15	0.0718	307	7	100	15
7/14/2021	2:15 AM	29.847	0	0	0	0.022	79.8	63	66.1	81.5	11.35	0.0718	305	7	100	15
7/14/2021	2:30 AM	29.845	0	0	0	0.021	79.7	63	66	81.4	11.36	0.0718	304	7	100	15
7/14/2021	2:45 AM	29.845	0	0	0	0.02	79.5	63	65.8	81.1	11.36	0.0718	304	7	100	15
7/14/2021	3:00 AM	29.844	0	0	0	0.016	79.4	63	65.7	80.9	11.36	0.0719	305	7	100	15
7/14/2021	3:15 AM	29.845	0	0	0	0.011	79.3	63	65.6	80.8	11.36	0.0719	306	7	100	15
7/14/2021	3:30 AM	29.847	0	0	0	0.01	79.1	64	65.9	80.7	11.57	0.0719	301	7	100	15
7/14/2021	3:45 AM	29.843	0	0	0	0.009	79.1	64	65.9	80.7	11.57	0.0719	304	7	100	15
7/14/2021	4:00 AM	29.85	0	0	0	0.006	78.8	64	65.6	80.3	11.57	0.072	306	7	100	15
7/14/2021	4:15 AM	29.852	0	0	0	0.005	78.6	64	65.4	80	11.58	0.072	306	7	100	15
7/14/2021	4:30 AM	29.855	0	0	0	0.005	78.6	64	65.4	80	11.58	0.072	305	7	100	15
7/14/2021	4:45 AM	29.86	0	0	0	0.005	78.5	64	65.3	79.9	11.58	0.072	303	7	100	15
7/14/2021	5:00 AM	29.862	0	0	0	0.011	78.6	64	65.4	80	11.58	0.072	302	7	100	15
7/14/2021	5:15 AM	29.861	0	0	0	0.017	78.7	65	65.9	80.3	11.78	0.072	304	7	100	15
7/14/2021	5:30 AM	29.861	0	0	0	0.016	78.8	65	66	80.4	11.77	0.072	304	7	100	15
7/14/2021	5:45 AM	29.862	0	0	0	0.008	78.9	65	66.1	80.6	11.77	0.072	307	7	100	15
7/14/2021	6:00 AM	29.86	0	0	0	0.009	79	65	66.2	80.7	11.77	0.0719	304	7	100	15
7/14/2021	6:15 AM	29.86	0	0	0	0.01	79	65	66.2	80.7	11.77	0.0719	307	7	100	15
7/14/2021	6:30 AM	29.862	0	0	0	0.014	78.9	65	66.1	80.6	11.77	0.072	306	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/14/2021	6:45 AM	66.3	66.5	66.3	97	65.4	0	E	0	1	E	66.3	68.3	68.3
7/14/2021	7:00 AM	66.7	66.7	66.3	97	65.8	0	---	0	0	---	66.7	68.8	68.8
7/14/2021	7:15 AM	67	67	66.6	97	66.1	0	---	0	0	---	67	69.2	69.2
7/14/2021	7:30 AM	67.4	67.4	67	97	66.5	0	E	0	1	E	67.4	69.7	69.7
7/14/2021	7:45 AM	67.5	67.5	67.4	96	66.3	1	ENE	0.25	4	E	67.5	69.6	69.6
7/14/2021	8:00 AM	67.9	67.9	67.5	97	67	0	SE	0	2	E	67.9	70.3	70.3
7/14/2021	8:15 AM	68.2	68.2	67.9	96	67	0	SE	0	2	SE	68.2	70.5	70.5
7/14/2021	8:30 AM	69.2	69.2	68.2	96	68	0	SE	0	1	SE	69.2	71.8	71.8
7/14/2021	8:45 AM	69.9	69.9	69.2	94	68.1	0	SE	0	2	SSE	69.9	72.4	72.4
7/14/2021	9:00 AM	70.1	70.1	69.7	93	68	0	SSE	0	2	SSE	70.1	72.5	72.5
7/14/2021	9:15 AM	70.9	70.9	70.2	91	68.1	0	E	0	2	E	70.9	73.1	73.1
7/14/2021	9:30 AM	71.5	71.6	70.8	91	68.7	1	S	0.25	2	S	71.5	73.7	73.7
7/14/2021	9:45 AM	72	72.1	71.6	88	68.2	1	S	0.25	3	SSW	72	74	74
7/14/2021	10:00 AM	72.8	72.8	72	89	69.4	1	SSE	0.25	4	S	72.8	74.9	74.9
7/14/2021	10:15 AM	73.3	73.4	72.8	86	68.9	1	WSW	0.25	5	SSE	73.3	75.3	75.3
7/14/2021	10:30 AM	73.6	73.6	73.3	84	68.5	1	NW	0.25	4	WNW	73.6	75.6	75.6
7/14/2021	10:45 AM	74.4	74.4	73.6	83	68.9	2	NW	0.5	5	NW	74.4	76.5	76.5
7/14/2021	11:00 AM	75.7	75.7	74.4	81	69.5	2	NW	0.5	8	W	75.7	78	78
7/14/2021	11:15 AM	75.5	75.8	75.5	81	69.3	1	W	0.25	5	NW	75.5	77.8	77.8
7/14/2021	11:30 AM	76.6	76.6	75.3	80	70	2	WSW	0.5	4	WSW	76.6	79.1	79.1
7/14/2021	11:45 AM	77.1	77.3	76.5	78	69.7	2	WNW	0.5	6	W	77.1	79.7	79.7
7/14/2021	12:00 PM	77.2	77.7	77	76	69	2	W	0.5	7	SE	77.2	79.6	79.6
7/14/2021	12:15 PM	76.6	77.2	76.6	79	69.6	2	S	0.5	6	SSE	76.6	79	79
7/14/2021	12:30 PM	77.6	77.7	76.6	75	69	2	S	0.5	7	SSE	77.6	80.1	80.1
7/14/2021	12:45 PM	77.1	77.7	77.1	75	68.6	2	WSW	0.5	4	W	77.1	79.3	79.3
7/14/2021	1:00 PM	79.3	79.3	76.9	77	71.5	2	WSW	0.5	5	N	79.3	83.2	83.2
7/14/2021	1:15 PM	79.8	79.8	78.9	79	72.7	2	W	0.5	8	W	79.8	84.4	84.4
7/14/2021	1:30 PM	80.2	80.9	79.9	70	69.5	2	NW	0.5	6	SSE	80.2	83.5	83.5
7/14/2021	1:45 PM	81.1	81.1	80.2	70	70.4	3	WSW	0.75	8	NW	81.1	85.1	85.1
7/14/2021	2:00 PM	80.1	81.1	80.1	66	67.7	2	WSW	0.5	5	SW	80.1	82.5	82.5
7/14/2021	2:15 PM	80.5	80.5	79.3	73	71	1	WSW	0.25	6	WSW	80.5	84.6	84.6
7/14/2021	2:30 PM	82	82	80.5	63	68.2	2	NW	0.5	8	S	82	84.9	84.9
7/14/2021	2:45 PM	82.4	82.4	81.3	68	70.8	2	WSW	0.5	8	NNW	82.4	86.9	86.9
7/14/2021	3:00 PM	81.1	82.5	81.1	63	67.3	2	WSW	0.5	6	NW	81.1	83.5	83.5
7/14/2021	3:15 PM	77.8	81.1	77.8	75	69.2	2	NW	0.5	10	WNW	77.8	80.4	80.4
7/14/2021	3:30 PM	80.3	80.3	77.7	71	70	2	NW	0.5	5	WNW	80.3	83.8	83.8
7/14/2021	3:45 PM	81.9	82	80.4	62	67.6	3	NW	0.75	9	W	81.9	84.5	84.5
7/14/2021	4:00 PM	83.1	83.1	81.8	66	70.6	2	WSW	0.5	6	W	83.1	87.7	87.7
7/14/2021	4:15 PM	83.7	83.7	83.1	63	69.8	2	WSW	0.5	8	W	83.7	87.9	87.9

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/14/2021	6:45 AM	29.867	0	0	0	0.014	78.9	65	66.1	80.6	11.77	0.072	303	7	100	15
7/14/2021	7:00 AM	29.87	0	0	0	0.018	78.9	65	66.1	80.6	11.77	0.072	307	7	100	15
7/14/2021	7:15 AM	29.874	0	0	0	0.021	79	66	66.7	80.9	11.97	0.0719	304	7	100	15
7/14/2021	7:30 AM	29.882	0	0	0	0.025	79.1	66	66.8	81	11.97	0.0719	305	7	100	15
7/14/2021	7:45 AM	29.88	0.02	1.6	0	0.026	79.2	66	66.9	81.2	11.97	0.0719	302	7	100	15
7/14/2021	8:00 AM	29.88	0	0	0	0.03	79.4	66	67	81.5	11.96	0.0719	306	7	100	15
7/14/2021	8:15 AM	29.886	0	0	0	0.033	79.7	66	67.3	81.9	11.96	0.0718	306	7	100	15
7/14/2021	8:30 AM	29.887	0	0	0	0.044	80.1	66	67.7	82.5	11.95	0.0718	301	7	100	15
7/14/2021	8:45 AM	29.887	0	0	0	0.051	80.7	66	68.3	83.5	11.94	0.0716	302	7	100	15
7/14/2021	9:00 AM	29.883	0	0	0	0.053	81.2	65	68.3	84	11.73	0.0716	304	7	100	15
7/14/2021	9:15 AM	29.886	0	0	0	0.061	81.7	65	68.8	84.9	11.72	0.0715	305	7	100	15
7/14/2021	9:30 AM	29.887	0	0	0	0.068	82.2	65	69.3	85.8	11.71	0.0714	305	7	100	15
7/14/2021	9:45 AM	29.877	0	0	0	0.073	82.7	64	69.3	86.4	11.5	0.0713	304	7	100	15
7/14/2021	10:00 AM	29.876	0	0	0	0.081	83.2	64	69.8	87.3	11.49	0.0712	305	7	100	15
7/14/2021	10:15 AM	29.874	0	0	0	0.086	83.8	63	69.9	88.1	11.27	0.0711	305	7	100	15
7/14/2021	10:30 AM	29.87	0	0	0	0.09	84.3	63	70.3	89	11.26	0.071	304	7	100	15
7/14/2021	10:45 AM	29.869	0	0	0	0.098	85.2	62	70.7	90.4	11.05	0.0709	304	7	100	15
7/14/2021	11:00 AM	29.87	0	0	0	0.111	86.4	61	71.4	92.4	10.89	0.0707	305	7	100	15
7/14/2021	11:15 AM	29.866	0	0	0	0.109	86.9	60	71.3	93	10.67	0.0706	306	7	100	15
7/14/2021	11:30 AM	29.867	0	0	0	0.121	87.5	59	71.4	93.9	10.5	0.0705	305	7	100	15
7/14/2021	11:45 AM	29.867	0	0	0	0.126	88.1	59	72	95.1	10.49	0.0704	304	7	100	15
7/14/2021	12:00 PM	29.867	0	0	0	0.127	88.8	58	72.1	96.1	10.27	0.0703	306	7	100	15
7/14/2021	12:15 PM	29.868	0	0	0	0.121	88.4	57	71.2	94.8	10.11	0.0704	303	7	100	15
7/14/2021	12:30 PM	29.866	0	0	0	0.131	88.9	57	71.7	95.9	10.09	0.0703	306	7	100	15
7/14/2021	12:45 PM	29.868	0	0	0	0.126	88.9	56	71.2	95.4	9.97	0.0704	304	7	100	15
7/14/2021	1:00 PM	29.865	0	0	0	0.149	89.4	56	71.6	96.4	9.96	0.0703	304	7	100	15
7/14/2021	1:15 PM	29.863	0	0	0	0.154	90.1	55	71.8	97.4	9.75	0.0702	306	7	100	15
7/14/2021	1:30 PM	29.861	0	0	0	0.158	91.1	54	72.1	99	9.61	0.07	304	7	100	15
7/14/2021	1:45 PM	29.858	0	0	0	0.168	91.9	53	72.3	100.2	9.37	0.0699	306	7	100	15
7/14/2021	2:00 PM	29.852	0	0	0	0.157	91.7	53	72.1	99.8	9.38	0.0699	305	7	100	15
7/14/2021	2:15 PM	29.849	0	0	0	0.161	91.1	53	71.6	98.5	9.41	0.07	305	7	100	15
7/14/2021	2:30 PM	29.841	0	0	0	0.177	92	52	71.9	99.9	9.27	0.0699	303	7	100	15
7/14/2021	2:45 PM	29.836	0	0	0	0.181	92.5	51	71.7	100.4	9.1	0.0698	305	7	100	15
7/14/2021	3:00 PM	29.828	0	0	0	0.168	92.7	50	71.3	100.2	8.94	0.0698	303	7	100	15
7/14/2021	3:15 PM	29.83	0	0	0	0.133	91.6	51	70.9	98.5	9.12	0.0699	306	7	100	15
7/14/2021	3:30 PM	29.826	0	0	0	0.159	92	52	71.9	99.9	9.27	0.0698	304	7	100	15
7/14/2021	3:45 PM	29.824	0	0	0	0.176	92.9	50	71.5	100.6	8.93	0.0697	303	7	100	15
7/14/2021	4:00 PM	29.815	0	0	0	0.189	93.1	50	71.7	101	8.93	0.0697	304	7	100	15
7/14/2021	4:15 PM	29.804	0	0	0	0.195	93.4	50	72	101.7	8.91	0.0696	305	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/14/2021	4:30 PM	84	84.1	83.6	62	69.6	2	WSW	0.5	5	SSE	84	88.1	88.1
7/14/2021	4:45 PM	84.3	84.3	83.9	60	68.9	2	WNW	0.5	6	W	84.3	88	88
7/14/2021	5:00 PM	84.1	85	84.1	56	66.7	1	W	0.25	5	NW	84.1	86.7	86.7
7/14/2021	5:15 PM	84.3	84.3	83.1	62	69.9	1	WSW	0.25	4	SSE	84.3	88.7	88.7
7/14/2021	5:30 PM	84.3	84.5	84	58	67.9	2	SSW	0.5	4	WSW	84.3	87.5	87.5
7/14/2021	5:45 PM	84.2	84.5	83.9	57	67.3	2	WSW	0.5	8	NW	84.2	87.1	87.1
7/14/2021	6:00 PM	85.6	85.6	84.2	61	70.6	1	SW	0.25	3	SW	85.6	90.8	90.8
7/14/2021	6:15 PM	84.2	85.7	84.2	57	67.3	1	WSW	0.25	4	NW	84.2	87.1	87.1
7/14/2021	6:30 PM	84.1	84.5	84.1	60	68.7	1	WNW	0.25	3	WNW	84.1	87.7	87.7
7/14/2021	6:45 PM	82.9	84	82.9	60	67.6	1	W	0.25	3	W	82.9	85.6	85.6
7/14/2021	7:00 PM	83.6	83.6	82.8	60	68.2	1	W	0.25	3	NW	83.6	86.8	86.8
7/14/2021	7:15 PM	82.3	83.7	82.3	64	68.9	1	NNW	0.25	2	NNW	82.3	85.7	85.7
7/14/2021	7:30 PM	79.8	82.3	79.8	68	68.3	0	SSW	0	2	SW	79.8	82.4	82.4
7/14/2021	7:45 PM	78.2	79.8	78.2	71	68	0	SSW	0	2	SSW	78.2	80.4	80.4
7/14/2021	8:00 PM	77.4	78.2	77.4	76	69.2	0	WNW	0	2	WSW	77.4	79.9	79.9
7/14/2021	8:15 PM	77.1	77.4	77.1	74	68.2	0	WNW	0	2	WNW	77.1	79.2	79.2
7/14/2021	8:30 PM	76.6	77.1	76.6	76	68.5	0	WNW	0	1	WNW	76.6	78.8	78.8
7/14/2021	8:45 PM	76.3	76.7	76.2	77	68.6	0	WNW	0	1	WNW	76.3	78.5	78.5
7/14/2021	9:00 PM	76.1	76.3	76.1	79	69.1	0	W	0	2	W	76.1	78.4	78.4
7/14/2021	9:15 PM	75.7	76.2	75.7	80	69.1	0	SW	0	1	SW	75.7	77.9	77.9
7/14/2021	9:30 PM	75.8	75.9	75.6	80	69.2	0	S	0	3	SSE	75.8	78.1	78.1
7/14/2021	9:45 PM	75.3	75.8	75.3	82	69.4	0	S	0	1	NNE	75.3	77.6	77.6
7/14/2021	10:00 PM	74.6	75.3	74.6	84	69.4	0	S	0	1	S	74.6	76.9	76.9
7/14/2021	10:15 PM	74.4	74.6	74.4	84	69.2	0	S	0	2	S	74.4	76.6	76.6
7/14/2021	10:30 PM	74	74.4	74	86	69.5	0	---	0	0	---	74	76.1	76.1
7/14/2021	10:45 PM	73.5	74	73.5	85	68.7	0	S	0	1	S	73.5	75.5	75.5
7/14/2021	11:00 PM	72.9	73.5	72.9	84	67.8	0	---	0	0	---	72.9	74.7	74.7
7/14/2021	11:15 PM	72.2	72.9	72.2	85	67.4	0	S	0	1	S	72.2	74	74
7/14/2021	11:30 PM	71.8	72.2	71.8	84	66.7	1	S	0.25	2	S	71.8	73.5	73.5
7/14/2021	11:45 PM	71.2	71.8	71.1	84	66.1	1	S	0.25	2	S	71.2	72.9	72.9
7/15/2021	12:00 AM	70.9	71.2	70.9	85	66.2	1	S	0.25	2	S	70.9	72.7	72.7
7/15/2021	12:15 AM	70.5	70.9	70.5	85	65.8	1	S	0.25	2	S	70.5	72.3	72.3
7/15/2021	12:30 AM	70.2	70.6	70.2	86	65.8	0	S	0	2	S	70.2	72	72
7/15/2021	12:45 AM	69.7	70.2	69.7	87	65.7	0	S	0	1	S	69.7	71.6	71.6
7/15/2021	1:00 AM	69.4	69.7	69.4	88	65.7	0	S	0	1	S	69.4	71.4	71.4
7/15/2021	1:15 AM	68.7	69.4	68.7	88	65	0	---	0	0	---	68.7	70.6	70.6
7/15/2021	1:30 AM	68.1	68.7	68.1	89	64.7	0	---	0	0	---	68.1	69.9	69.9
7/15/2021	1:45 AM	67.4	68.1	67.4	91	64.7	0	S	0	1	S	67.4	69.1	69.1
7/15/2021	2:00 AM	67	67.4	67	93	64.9	0	---	0	0	---	67	68.7	68.7

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/14/2021	4:30 PM	29.801	0	0	0	0.198	93.1	49	71.1	100.5	8.79	0.0697	306	7	100	15
7/14/2021	4:45 PM	29.802	0	0	0	0.201	92.9	49	70.9	100.1	8.79	0.0697	303	7	100	15
7/14/2021	5:00 PM	29.797	0	0	0	0.199	92.8	49	70.8	99.8	8.79	0.0697	305	7	100	15
7/14/2021	5:15 PM	29.796	0	0	0	0.201	92.2	48	69.7	98.1	8.61	0.0699	304	7	100	15
7/14/2021	5:30 PM	29.792	0	0	0	0.201	92	48	69.5	97.7	8.61	0.0699	305	7	100	15
7/14/2021	5:45 PM	29.785	0	0	0	0.2	91.8	48	69.3	97.3	8.61	0.0699	305	7	100	15
7/14/2021	6:00 PM	29.781	0	0	0	0.215	91.8	49	69.9	97.8	8.81	0.0699	305	7	100	15
7/14/2021	6:15 PM	29.781	0	0	0	0.2	91.8	49	69.9	97.8	8.81	0.0699	307	7	100	15
7/14/2021	6:30 PM	29.776	0	0	0	0.199	91.6	49	69.7	97.4	8.82	0.0699	304	7	100	15
7/14/2021	6:45 PM	29.776	0	0	0	0.186	91.2	49	69.4	96.6	8.83	0.07	305	7	100	15
7/14/2021	7:00 PM	29.771	0	0	0	0.194	91.2	49	69.4	96.6	8.83	0.0699	304	7	100	15
7/14/2021	7:15 PM	29.768	0	0	0	0.18	91.1	50	69.9	96.9	9.01	0.0699	303	7	100	15
7/14/2021	7:30 PM	29.769	0	0	0	0.154	90.4	50	69.2	95.6	9.03	0.07	303	7	100	15
7/14/2021	7:45 PM	29.769	0	0	0	0.137	89.6	51	69.1	94.5	9.16	0.0702	306	7	100	15
7/14/2021	8:00 PM	29.774	0	0	0	0.129	89.2	52	69.3	94.2	9.35	0.0702	304	7	100	15
7/14/2021	8:15 PM	29.778	0	0	0	0.126	89	52	69.1	93.8	9.35	0.0703	305	7	100	15
7/14/2021	8:30 PM	29.783	0	0	0	0.121	88.6	53	69.3	93.5	9.48	0.0703	304	7	100	15
7/14/2021	8:45 PM	29.785	0	0	0	0.118	88.3	53	69	93	9.48	0.0704	306	7	100	15
7/14/2021	9:00 PM	29.788	0	0	0	0.116	88.1	54	69.4	93	9.69	0.0704	304	7	100	15
7/14/2021	9:15 PM	29.795	0	0	0	0.111	87.9	54	69.2	92.6	9.69	0.0704	305	7	100	15
7/14/2021	9:30 PM	29.8	0	0	0	0.113	87.6	54	68.9	92.1	9.7	0.0705	306	7	100	15
7/14/2021	9:45 PM	29.8	0	0	0	0.107	87.2	55	69.1	91.7	9.81	0.0705	302	7	100	15
7/14/2021	10:00 PM	29.801	0	0	0	0.1	86.8	56	69.2	91.3	10.01	0.0706	306	7	100	15
7/14/2021	10:15 PM	29.808	0	0	0	0.098	86.6	56	69	90.9	10.02	0.0706	303	7	100	15
7/14/2021	10:30 PM	29.815	0	0	0	0.094	86.2	57	69.2	90.6	10.2	0.0707	305	7	100	15
7/14/2021	10:45 PM	29.818	0	0	0	0.089	86	57	69	90.2	10.21	0.0707	302	7	100	15
7/14/2021	11:00 PM	29.82	0	0	0	0.082	85.6	57	68.6	89.5	10.23	0.0708	304	7	100	15
7/14/2021	11:15 PM	29.818	0	0	0	0.075	84.9	58	68.5	88.6	10.35	0.0709	306	7	100	15
7/14/2021	11:30 PM	29.822	0	0	0	0.071	84.3	57	67.4	87.3	10.24	0.0711	306	7	100	15
7/14/2021	11:45 PM	29.818	0	0	0	0.065	83.8	57	66.9	86.5	10.23	0.0711	303	7	100	15
7/15/2021	12:00 AM	29.811	0	0	0	0.061	83.4	58	67.1	86	10.35	0.0712	301	7	100	15
7/15/2021	12:15 AM	29.807	0	0	0	0.057	83	58	66.7	85.4	10.35	0.0712	302	7	100	15
7/15/2021	12:30 AM	29.807	0	0	0	0.054	82.6	58	66.3	84.8	10.35	0.0713	302	7	100	15
7/15/2021	12:45 AM	29.81	0	0	0	0.049	82.3	58	66	84.3	10.35	0.0714	306	7	100	15
7/15/2021	1:00 AM	29.813	0	0	0	0.046	81.9	58	65.7	83.7	10.35	0.0715	304	7	100	15
7/15/2021	1:15 AM	29.809	0	0	0	0.039	81.8	59	66.1	83.7	10.55	0.0714	302	7	100	15
7/15/2021	1:30 AM	29.808	0	0	0	0.032	81.5	59	65.8	83.3	10.55	0.0715	304	7	100	15
7/15/2021	1:45 AM	29.807	0	0	0	0.025	81.3	59	65.6	83	10.55	0.0715	303	7	100	15
7/15/2021	2:00 AM	29.804	0	0	0	0.021	80.9	60	65.7	82.6	10.75	0.0716	307	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/15/2021	2:15 AM	66.8	67	66.8	94	65	0	S	0	1	S	66.8	68.5	68.5
7/15/2021	2:30 AM	67	67	66.8	94	65.2	0	---	0	0	---	67	68.8	68.8
7/15/2021	2:45 AM	66.6	67.1	66.6	93	64.5	0	S	0	2	S	66.6	68.2	68.2
7/15/2021	3:00 AM	65.7	66.6	65.7	95	64.2	0	SSE	0	2	S	65.7	67.2	67.2
7/15/2021	3:15 AM	65.7	65.9	65.7	94	63.9	0	SSE	0	1	SSE	65.7	67.2	67.2
7/15/2021	3:30 AM	65.3	65.8	65.3	95	63.8	0	SSE	0	2	SSE	65.3	66.8	66.8
7/15/2021	3:45 AM	65.4	65.5	65.3	96	64.2	0	SE	0	2	SE	65.4	67	67
7/15/2021	4:00 AM	66	66.1	65.4	95	64.5	0	E	0	2	E	66	67.6	67.6
7/15/2021	4:15 AM	66	66.2	66	95	64.5	0	E	0	1	E	66	67.6	67.6
7/15/2021	4:30 AM	65.1	66.1	65.1	95	63.6	0	E	0	1	E	65.1	66.5	66.5
7/15/2021	4:45 AM	64.6	65.1	64.5	95	63.1	0	E	0	1	E	64.6	65.9	65.9
7/15/2021	5:00 AM	64.4	64.6	64.3	96	63.2	0	E	0	1	E	64.4	65.8	65.8
7/15/2021	5:15 AM	64.8	64.8	64.2	97	63.9	0	E	0	1	E	64.8	66.5	66.5
7/15/2021	5:30 AM	65	65	64.8	96	63.8	0	E	0	2	E	65	66.6	66.6
7/15/2021	5:45 AM	65.1	65.2	65	96	63.9	0	E	0	1	E	65.1	66.7	66.7
7/15/2021	6:00 AM	64.6	65.1	64.6	96	63.4	1	E	0.25	2	E	64.6	66.1	66.1
7/15/2021	6:15 AM	64.6	64.9	64.6	96	63.4	0	E	0	1	E	64.6	66.1	66.1
7/15/2021	6:30 AM	64.3	64.6	64.3	96	63.1	0	E	0	1	E	64.3	65.7	65.7
7/15/2021	6:45 AM	64.2	64.3	64.1	97	63.3	0	E	0	1	E	64.2	65.7	65.7
7/15/2021	7:00 AM	64.8	64.8	64.2	97	63.9	0	---	0	0	---	64.8	66.5	66.5
7/15/2021	7:15 AM	65.2	65.2	64.8	97	64.3	0	---	0	0	---	65.2	67	67
7/15/2021	7:30 AM	65.9	65.9	65.2	97	65	0	E	0	2	E	65.9	67.8	67.8
7/15/2021	7:45 AM	67.4	67.4	65.9	95	65.9	1	ENE	0.25	3	ENE	67.4	69.3	69.3
7/15/2021	8:00 AM	69.2	69.2	67.5	92	66.8	0	ENE	0	1	ENE	69.2	71.5	71.5
7/15/2021	8:15 AM	70.3	70.3	69.2	91	67.5	0	NE	0	1	NE	70.3	72.5	72.5
7/15/2021	8:30 AM	70.8	70.8	70.3	90	67.7	0	S	0	2	S	70.8	72.9	72.9
7/15/2021	8:45 AM	71.5	71.5	70.8	88	67.8	1	SSW	0.25	4	SSE	71.5	73.5	73.5
7/15/2021	9:00 AM	71.9	71.9	71.5	87	67.8	1	SSW	0.25	3	SSE	71.9	73.8	73.8
7/15/2021	9:15 AM	73.1	73.1	71.9	85	68.3	1	WNW	0.25	2	WSW	73.1	75	75
7/15/2021	9:30 AM	73.5	73.5	73.1	85	68.7	1	SW	0.25	4	SW	73.5	75.5	75.5
7/15/2021	9:45 AM	74	74	73.4	86	69.5	1	WNW	0.25	3	NW	74	76.1	76.1
7/15/2021	10:00 AM	74.2	74.2	74	83	68.7	1	WNW	0.25	5	S	74.2	76.3	76.3
7/15/2021	10:15 AM	75	75	74.2	83	69.5	1	SSW	0.25	4	SSE	75	77.3	77.3
7/15/2021	10:30 AM	75.4	75.7	75	81	69.2	2	W	0.5	7	SSE	75.4	77.7	77.7
7/15/2021	10:45 AM	75.7	75.7	75.3	82	69.8	1	W	0.25	8	NW	75.7	78.1	78.1
7/15/2021	11:00 AM	75.7	75.8	75.6	83	70.2	1	NW	0.25	4	SSE	75.7	78.2	78.2
7/15/2021	11:15 AM	76.4	76.4	75.6	82	70.5	2	SW	0.5	4	SW	76.4	79	79
7/15/2021	11:30 AM	77.5	77.5	76.4	79	70.5	1	SSW	0.25	5	SSE	77.5	80.4	80.4
7/15/2021	11:45 AM	78.2	78.5	77.5	76	70	1	SW	0.25	4	SSE	78.2	81.1	81.1

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/15/2021	2:15 AM	29.807	0	0	0	0.019	80.5	60	65.3	81.9	10.75	0.0716	304	7	100	15
7/15/2021	2:30 AM	29.805	0	0	0	0.021	80.4	61	65.7	82	10.95	0.0716	305	7	100	15
7/15/2021	2:45 AM	29.802	0	0	0	0.017	80.2	61	65.5	81.7	10.95	0.0717	306	7	100	15
7/15/2021	3:00 AM	29.798	0	0	0	0.007	79.9	61	65.2	81.3	10.95	0.0717	305	7	100	15
7/15/2021	3:15 AM	29.798	0	0	0	0.007	79.6	61	65	80.9	10.96	0.0718	305	7	100	15
7/15/2021	3:30 AM	29.798	0	0	0	0.003	79.4	61	64.8	80.6	10.96	0.0718	306	7	100	15
7/15/2021	3:45 AM	29.798	0	0	0	0.004	79.2	62	65.1	80.5	11.17	0.0718	303	7	100	15
7/15/2021	4:00 AM	29.801	0	0	0	0.01	78.9	62	64.8	80.1	11.17	0.0719	305	7	100	15
7/15/2021	4:15 AM	29.796	0	0	0	0.01	78.8	63	65.1	80.1	11.37	0.0719	304	7	100	15
7/15/2021	4:30 AM	29.795	0	0	0	0.001	78.7	63	65	80	11.38	0.0719	304	7	100	15
7/15/2021	4:45 AM	29.801	0	0	0.004	0	78.5	63	64.9	79.7	11.38	0.0719	304	7	100	15
7/15/2021	5:00 AM	29.803	0	0	0.006	0	78.3	63	64.7	79.5	11.38	0.072	305	7	100	15
7/15/2021	5:15 AM	29.803	0	0	0.002	0	78.2	63	64.6	79.3	11.39	0.072	303	7	100	15
7/15/2021	5:30 AM	29.809	0	0	0	0	78.1	63	64.5	79.2	11.39	0.072	303	7	100	15
7/15/2021	5:45 AM	29.81	0	0	0	0.001	78.1	63	64.5	79.2	11.39	0.072	307	7	100	15
7/15/2021	6:00 AM	29.814	0	0	0.004	0	78.1	63	64.5	79.2	11.39	0.072	304	7	100	15
7/15/2021	6:15 AM	29.815	0	0	0.004	0	78	64	64.8	79.2	11.59	0.072	306	7	100	15
7/15/2021	6:30 AM	29.818	0	0	0.007	0	77.9	64	64.7	79.1	11.59	0.0721	304	7	100	15
7/15/2021	6:45 AM	29.817	0	0	0.008	0	77.7	64	64.5	78.8	11.6	0.0721	305	7	100	15
7/15/2021	7:00 AM	29.815	0	0	0.002	0	77.7	64	64.5	78.8	11.6	0.0721	303	7	100	15
7/15/2021	7:15 AM	29.814	0	0	0	0.002	77.8	64	64.6	78.9	11.59	0.0721	306	7	100	15
7/15/2021	7:30 AM	29.812	0	0	0	0.009	78.1	64	64.9	79.3	11.59	0.072	303	7	100	15
7/15/2021	7:45 AM	29.811	0	0	0	0.025	78.4	64	65.2	79.7	11.58	0.0719	305	7	100	15
7/15/2021	8:00 AM	29.817	0	0	0	0.044	78.8	65	66	80.4	11.77	0.0719	304	7	100	15
7/15/2021	8:15 AM	29.816	0	0	0	0.055	79.4	65	66.6	81.3	11.76	0.0717	305	7	100	15
7/15/2021	8:30 AM	29.818	0	0	0	0.06	79.9	65	67.1	82.1	11.75	0.0717	305	7	100	15
7/15/2021	8:45 AM	29.816	0	0	0	0.068	80.5	64	67.2	82.8	11.54	0.0716	305	7	100	15
7/15/2021	9:00 AM	29.82	0	0	0	0.072	81.1	64	67.8	83.7	11.53	0.0715	306	7	100	15
7/15/2021	9:15 AM	29.822	0	0	0	0.084	81.8	64	68.4	84.8	11.51	0.0713	305	7	100	15
7/15/2021	9:30 AM	29.825	0	0	0	0.089	82.6	63	68.7	86	11.3	0.0712	305	7	100	15
7/15/2021	9:45 AM	29.826	0	0	0	0.094	83.1	63	69.2	86.8	11.29	0.0711	303	7	100	15
7/15/2021	10:00 AM	29.823	0	0	0	0.096	83.9	62	69.5	88	11.07	0.071	305	7	100	15
7/15/2021	10:15 AM	29.821	0	0	0	0.104	84.6	62	70.1	89.3	11.06	0.0709	306	7	100	15
7/15/2021	10:30 AM	29.824	0	0	0	0.108	86.1	61	71.1	91.8	10.91	0.0706	305	7	100	15
7/15/2021	10:45 AM	29.824	0	0	0	0.111	86.7	60	71.2	92.6	10.68	0.0705	303	7	100	15
7/15/2021	11:00 AM	29.824	0	0	0	0.111	86.9	60	71.3	93	10.67	0.0705	306	7	100	15
7/15/2021	11:15 AM	29.821	0	0	0	0.119	87.6	59	71.5	94.1	10.5	0.0704	305	7	100	15
7/15/2021	11:30 AM	29.823	0	0	0	0.13	88.3	58	71.6	95.1	10.28	0.0703	305	7	100	15
7/15/2021	11:45 AM	29.821	0	0	0	0.137	89.3	57	72.1	96.7	10.08	0.0701	305	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/15/2021	12:00 PM	78.5	78.9	78	75	69.9	1	SW	0.25	5	NNW	78.5	81.5	81.5
7/15/2021	12:15 PM	79.4	79.4	78.3	71	69.2	1	WNW	0.25	4	SSE	79.4	82.3	82.3
7/15/2021	12:30 PM	80.5	80.5	79.2	68	69	1	WSW	0.25	5	SSE	80.5	83.6	83.6
7/15/2021	12:45 PM	82.2	82.2	80.5	63	68.3	2	W	0.5	8	WNW	82.2	85.3	85.3
7/15/2021	1:00 PM	81.6	82.4	81.5	61	66.8	2	W	0.5	6	NW	81.6	83.8	83.8
7/15/2021	1:15 PM	81.6	81.7	81.1	62	67.3	2	W	0.5	5	NW	81.6	84	84
7/15/2021	1:30 PM	82.2	82.7	81.7	60	66.9	2	WSW	0.5	6	W	82.2	84.5	84.5
7/15/2021	1:45 PM	83.1	83.2	82.1	60	67.8	2	SW	0.5	8	NW	83.1	86	86
7/15/2021	2:00 PM	83.5	83.5	83	59	67.7	2	W	0.5	8	WNW	83.5	86.4	86.4
7/15/2021	2:15 PM	84	84.1	83.5	56	66.6	2	WSW	0.5	6	W	84	86.5	86.5
7/15/2021	2:30 PM	84.2	84.2	83.5	56	66.8	2	NNE	0.5	7	W	84.2	86.9	86.9
7/15/2021	2:45 PM	84.7	84.7	84.3	56	67.3	2	WNW	0.5	7	WNW	84.7	87.7	87.7
7/15/2021	3:00 PM	83.3	84.8	83.3	59	67.5	1	NW	0.25	5	WNW	83.3	86.1	86.1
7/15/2021	3:15 PM	85	85	83	59	69.1	2	NW	0.5	7	S	85	89	89
7/15/2021	3:30 PM	84.4	85.4	84.4	56	67	1	NW	0.25	4	NW	84.4	87.2	87.2
7/15/2021	3:45 PM	85.7	85.7	84.3	52	66	2	WSW	0.5	4	NW	85.7	88.2	88.2
7/15/2021	4:00 PM	85	85.9	84.7	56	67.5	2	W	0.5	6	W	85	88.2	88.2
7/15/2021	4:15 PM	86.2	86.2	85	54	67.6	2	SW	0.5	5	WSW	86.2	89.6	89.6
7/15/2021	4:30 PM	86	86.2	85.9	54	67.4	2	NW	0.5	6	W	86	89.2	89.2
7/15/2021	4:45 PM	84.7	86.3	84.7	57	67.8	1	WNW	0.25	6	N	84.7	88	88
7/15/2021	5:00 PM	83.5	84.7	83.5	58	67.2	1	S	0.25	4	W	83.5	86.2	86.2
7/15/2021	5:15 PM	84.5	84.5	83.5	56	67.1	1	S	0.25	6	SSE	84.5	87.4	87.4
7/15/2021	5:30 PM	83.9	84.7	83.5	60	68.5	1	SW	0.25	6	S	83.9	87.3	87.3
7/15/2021	5:45 PM	86.1	86.1	83.9	56	68.6	1	NW	0.25	4	NW	86.1	90	90
7/15/2021	6:00 PM	85.6	86.3	85.6	56	68.1	2	W	0.5	6	W	85.6	89.2	89.2
7/15/2021	6:15 PM	85.2	85.6	85.1	58	68.8	1	WSW	0.25	9	WNW	85.2	89.1	89.1
7/15/2021	6:30 PM	85.1	85.2	85	59	69.2	1	WSW	0.25	4	WSW	85.1	89.2	89.2
7/15/2021	6:45 PM	85.5	85.5	85	58	69	1	SSW	0.25	6	W	85.5	89.6	89.6
7/15/2021	7:00 PM	85.7	86	85.5	57	68.7	1	WSW	0.25	5	SSE	85.7	89.7	89.7
7/15/2021	7:15 PM	84.8	85.8	84.8	60	69.4	1	W	0.25	5	NW	84.8	88.9	88.9
7/15/2021	7:30 PM	84.5	85.1	84.5	64	71	0	WNW	0	2	WNW	84.5	89.8	89.8
7/15/2021	7:45 PM	83.1	84.5	83	62	68.7	0	W	0	2	W	83.1	86.5	86.5
7/15/2021	8:00 PM	82.4	83	82.4	64	69	0	WSW	0	2	W	82.4	85.9	85.9
7/15/2021	8:15 PM	80.7	82.4	80.7	67	68.7	0	WSW	0	2	WSW	80.7	83.7	83.7
7/15/2021	8:30 PM	78.9	80.6	78.9	70	68.3	0	WSW	0	2	WSW	78.9	81.4	81.4
7/15/2021	8:45 PM	77.6	78.9	77.6	72	67.9	1	S	0.25	2	SW	77.6	79.7	79.7
7/15/2021	9:00 PM	76.4	77.6	76.4	73	67.1	0	S	0	2	S	76.4	78.2	78.2
7/15/2021	9:15 PM	75.7	76.4	75.7	75	67.2	0	S	0	1	S	75.7	77.5	77.5
7/15/2021	9:30 PM	74.4	75.7	74.4	78	67.1	0	---	0	0	---	74.4	76.2	76.2

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/15/2021	12:00 PM	29.822	0	0	0	0.141	89.6	57	72.3	97.4	10.07	0.0701	306	7	100	15
7/15/2021	12:15 PM	29.822	0	0	0	0.15	89.7	56	71.9	97.1	9.96	0.0701	306	7	100	15
7/15/2021	12:30 PM	29.816	0	0	0	0.161	90.3	55	71.9	97.8	9.74	0.07	306	7	100	15
7/15/2021	12:45 PM	29.812	0	0	0	0.179	91.8	54	72.8	100.6	9.58	0.0698	307	7	100	15
7/15/2021	1:00 PM	29.807	0	0	0	0.173	92.4	52	72.2	100.7	9.25	0.0697	303	7	100	15
7/15/2021	1:15 PM	29.802	0	0	0	0.173	92.3	52	72.1	100.5	9.26	0.0697	305	7	100	15
7/15/2021	1:30 PM	29.796	0	0	0	0.179	93.2	50	71.8	101.2	8.92	0.0696	303	7	100	15
7/15/2021	1:45 PM	29.791	0	0	0	0.189	93.4	50	72	101.7	8.91	0.0696	302	7	100	15
7/15/2021	2:00 PM	29.784	0	0	0	0.193	94.1	48	71.4	102	8.57	0.0695	304	7	100	15
7/15/2021	2:15 PM	29.778	0	0	0	0.198	94.7	47	71.3	102.7	8.45	0.0694	306	7	100	15
7/15/2021	2:30 PM	29.77	0	0	0	0.2	95.3	47	71.9	104	8.44	0.0693	307	7	100	15
7/15/2021	2:45 PM	29.767	0	0	0	0.205	96.1	46	72	105.1	8.23	0.0692	306	7	100	15
7/15/2021	3:00 PM	29.762	0	0	0	0.191	95.8	45	71.1	103.8	8.13	0.0692	304	7	100	15
7/15/2021	3:15 PM	29.754	0	0	0	0.208	95.8	45	71.1	103.8	8.13	0.0692	303	7	100	15
7/15/2021	3:30 PM	29.752	0	0	0	0.202	96.1	45	71.3	104.4	8.13	0.0692	305	7	100	15
7/15/2021	3:45 PM	29.742	0	0	0	0.216	96.2	45	71.4	104.6	8.13	0.0691	307	7	100	15
7/15/2021	4:00 PM	29.735	0	0	0	0.208	96.1	44	70.7	103.8	7.93	0.0692	304	7	100	15
7/15/2021	4:15 PM	29.731	0	0	0	0.221	96.4	44	70.9	104.4	7.92	0.0691	305	7	100	15
7/15/2021	4:30 PM	29.721	0	0	0	0.219	96.1	44	70.7	103.8	7.93	0.0691	307	7	100	15
7/15/2021	4:45 PM	29.717	0	0	0	0.205	95.5	44	70.1	102.5	7.94	0.0692	305	7	100	15
7/15/2021	5:00 PM	29.716	0	0	0	0.193	94.8	44	69.5	101	7.95	0.0693	306	7	100	15
7/15/2021	5:15 PM	29.714	0	0	0	0.203	94.5	44	69.2	100.5	7.96	0.0694	305	7	100	15
7/15/2021	5:30 PM	29.712	0	0	0	0.197	94	45	69.4	100	8.15	0.0694	305	7	100	15
7/15/2021	5:45 PM	29.705	0	0	0	0.22	93.9	45	69.3	99.8	8.15	0.0694	305	7	100	15
7/15/2021	6:00 PM	29.702	0	0	0	0.215	94	45	69.4	100	8.15	0.0694	303	7	100	15
7/15/2021	6:15 PM	29.698	0	0	0	0.21	93.7	46	69.8	100	8.28	0.0694	307	7	100	15
7/15/2021	6:30 PM	29.693	0	0	0	0.209	93.5	46	69.6	99.6	8.28	0.0694	305	7	100	15
7/15/2021	6:45 PM	29.689	0	0	0	0.214	93.2	46	69.3	99	8.29	0.0695	303	7	100	15
7/15/2021	7:00 PM	29.681	0	0	0	0.216	93.3	46	69.4	99.2	8.28	0.0695	306	7	100	15
7/15/2021	7:15 PM	29.684	0	0	0	0.206	93.2	47	70	99.6	8.45	0.0694	304	7	100	15
7/15/2021	7:30 PM	29.683	0	0	0	0.203	92.9	48	70.3	99.5	8.59	0.0695	307	7	100	15
7/15/2021	7:45 PM	29.684	0	0	0	0.189	92.5	48	70	98.7	8.6	0.0695	304	7	100	15
7/15/2021	8:00 PM	29.685	0	0	0	0.181	92	48	69.5	97.7	8.61	0.0696	305	7	100	15
7/15/2021	8:15 PM	29.687	0	0	0	0.164	91.4	49	69.6	97	8.82	0.0697	305	7	100	15
7/15/2021	8:30 PM	29.688	0	0	0	0.145	90.6	49	68.8	95.5	8.84	0.0698	304	7	100	15
7/15/2021	8:45 PM	29.687	0	0	0	0.131	89.9	49	68.2	94.2	8.85	0.07	306	7	100	15
7/15/2021	9:00 PM	29.689	0	0	0	0.119	89.2	50	68.1	93.4	9.05	0.0701	305	7	100	15
7/15/2021	9:15 PM	29.697	0	0	0	0.111	88.5	50	67.5	92.1	9.05	0.0702	303	7	100	15
7/15/2021	9:30 PM	29.702	0	0	0	0.098	88.1	51	67.7	91.8	9.19	0.0703	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/15/2021	9:45 PM	73.7	74.4	73.7	79	66.8	0	---	0	0	---	73.7	75.5	75.5
7/15/2021	10:00 PM	73.3	73.7	73.3	80	66.8	1	SSE	0.25	2	SSE	73.3	75.1	75.1
7/15/2021	10:15 PM	74.1	74.2	73.3	80	67.5	1	SSE	0.25	2	SSE	74.1	76	76
7/15/2021	10:30 PM	73.2	74.1	73.2	82	67.4	0	ESE	0	1	ESE	73.2	75	75
7/15/2021	10:45 PM	72.6	73.3	72.6	82	66.8	1	ESE	0.25	2	ESE	72.6	74.3	74.3
7/15/2021	11:00 PM	72.5	72.6	72.5	83	67	0	ESE	0	2	ESE	72.5	74.3	74.3
7/15/2021	11:15 PM	72.2	72.6	72.2	83	66.7	0	ESE	0	1	ESE	72.2	73.9	73.9
7/15/2021	11:30 PM	71.8	72.3	71.8	85	67	0	ESE	0	1	ESE	71.8	73.6	73.6
7/15/2021	11:45 PM	71.1	71.8	71.1	86	66.7	0	ESE	0	2	ESE	71.1	73	73
7/16/2021	12:00 AM	69.5	71.1	69.5	89	66.1	1	ENE	0.25	2	ESE	69.5	71.5	71.5
7/16/2021	12:15 AM	69.9	69.9	69.4	89	66.5	0	ENE	0	1	ENE	69.9	71.9	71.9
7/16/2021	12:30 AM	70.2	70.3	69.9	88	66.5	0	ENE	0	1	ENE	70.2	72.1	72.1
7/16/2021	12:45 AM	70.1	70.3	70.1	88	66.4	1	E	0.25	2	ENE	70.1	72	72
7/16/2021	1:00 AM	69.8	70.2	69.8	88	66.1	0	ESE	0	1	ESE	69.8	71.7	71.7
7/16/2021	1:15 AM	68.3	69.8	68.3	90	65.3	0	ESE	0	1	ESE	68.3	70.2	70.2
7/16/2021	1:30 AM	67	68.2	67	92	64.6	1	E	0.25	2	ESE	67	68.7	68.7
7/16/2021	1:45 AM	67	67	66.7	94	65.2	0	E	0	2	E	67	68.8	68.8
7/16/2021	2:00 AM	67	67.1	66.9	93	64.9	0	E	0	2	E	67	68.7	68.7
7/16/2021	2:15 AM	67.1	67.1	66.9	94	65.3	0	---	0	0	---	67.1	68.9	68.9
7/16/2021	2:30 AM	65.9	67.1	65.9	94	64.1	1	E	0.25	2	E	65.9	67.4	67.4
7/16/2021	2:45 AM	65.5	65.9	65.4	95	64	0	E	0	2	E	65.5	67	67
7/16/2021	3:00 AM	65.7	65.7	65.4	96	64.5	0	---	0	0	---	65.7	67.4	67.4
7/16/2021	3:15 AM	65.8	65.9	65.7	96	64.6	0	E	0	1	E	65.8	67.5	67.5
7/16/2021	3:30 AM	65.9	65.9	65.8	95	64.4	0	E	0	2	E	65.9	67.5	67.5
7/16/2021	3:45 AM	66	66.1	65.8	95	64.5	0	E	0	2	E	66	67.6	67.6
7/16/2021	4:00 AM	65.8	66.1	65.8	95	64.3	0	E	0	1	E	65.8	67.4	67.4
7/16/2021	4:15 AM	65.5	65.9	65.4	96	64.3	0	E	0	1	E	65.5	67.2	67.2
7/16/2021	4:30 AM	65.7	65.7	65.5	95	64.2	1	E	0.25	2	E	65.7	67.2	67.2
7/16/2021	4:45 AM	65.5	65.7	65.5	95	64	0	E	0	2	E	65.5	67	67
7/16/2021	5:00 AM	65.4	65.5	65.3	95	63.9	1	E	0.25	2	E	65.4	66.9	66.9
7/16/2021	5:15 AM	65.1	65.4	65.1	95	63.6	0	E	0	2	E	65.1	66.5	66.5
7/16/2021	5:30 AM	65	65.1	64.9	96	63.8	0	E	0	2	E	65	66.6	66.6
7/16/2021	5:45 AM	65	65.1	65	95	63.5	1	E	0.25	2	E	65	66.4	66.4
7/16/2021	6:00 AM	65	65	64.9	95	63.5	1	E	0.25	2	E	65	66.4	66.4
7/16/2021	6:15 AM	64.8	65	64.8	95	63.3	1	ENE	0.25	3	ENE	64.8	66.2	66.2
7/16/2021	6:30 AM	64.6	64.9	64.6	95	63.1	1	ENE	0.25	2	E	64.6	65.9	65.9
7/16/2021	6:45 AM	64.9	64.9	64.6	95	63.4	1	ENE	0.25	3	ENE	64.9	66.3	66.3
7/16/2021	7:00 AM	65.1	65.2	64.9	95	63.6	1	ENE	0.25	3	E	65.1	66.5	66.5
7/16/2021	7:15 AM	65.6	65.6	65.1	95	64.1	0	ENE	0	2	ENE	65.6	67.1	67.1

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/15/2021	9:45 PM	29.706	0	0	0	0.091	87.6	52	67.8	91.3	9.35	0.0703	304	7	100	15
7/15/2021	10:00 PM	29.711	0	0	0	0.086	87.2	52	67.4	90.6	9.35	0.0704	303	7	100	15
7/15/2021	10:15 PM	29.721	0	0	0	0.095	86.8	52	67.1	89.9	9.35	0.0705	305	7	100	15
7/15/2021	10:30 PM	29.722	0	0	0	0.085	86.6	53	67.4	89.9	9.52	0.0705	306	7	100	15
7/15/2021	10:45 PM	29.724	0	0	0	0.079	86.1	54	67.5	89.4	9.73	0.0706	302	7	100	15
7/15/2021	11:00 PM	29.726	0	0	0	0.078	85.9	54	67.3	89	9.73	0.0706	305	7	100	15
7/15/2021	11:15 PM	29.724	0	0	0	0.075	85.5	54	67	88.4	9.74	0.0707	304	7	100	15
7/15/2021	11:30 PM	29.72	0	0	0	0.071	85	55	67	87.9	9.85	0.0707	306	7	100	15
7/15/2021	11:45 PM	29.718	0	0	0	0.064	84.6	55	66.7	87.3	9.85	0.0708	306	7	100	15
7/16/2021	12:00 AM	29.722	0	0	0	0.047	84.2	56	66.8	86.9	10.05	0.0709	306	7	100	15
7/16/2021	12:15 AM	29.72	0	0	0	0.051	83.8	56	66.4	86.2	10.05	0.0709	301	7	100	15
7/16/2021	12:30 AM	29.722	0	0	0	0.054	83.5	57	66.7	86	10.22	0.071	305	7	100	15
7/16/2021	12:45 AM	29.72	0	0	0	0.053	83.2	57	66.4	85.5	10.21	0.071	301	7	100	15
7/16/2021	1:00 AM	29.725	0	0	0	0.05	83	57	66.2	85.2	10.21	0.0711	304	7	100	15
7/16/2021	1:15 AM	29.722	0	0	0	0.034	82.7	58	66.4	84.9	10.35	0.0711	304	7	100	15
7/16/2021	1:30 AM	29.721	0	0	0	0.021	82.3	58	66	84.3	10.35	0.0712	305	7	100	15
7/16/2021	1:45 AM	29.717	0	0	0	0.021	81.8	58	65.6	83.6	10.35	0.0712	304	7	100	15
7/16/2021	2:00 AM	29.713	0	0	0	0.021	81.6	59	65.9	83.4	10.55	0.0712	304	7	100	15
7/16/2021	2:15 AM	29.709	0	0	0	0.022	81.3	59	65.6	83	10.55	0.0713	306	7	100	15
7/16/2021	2:30 AM	29.706	0	0	0	0.009	80.9	59	65.2	82.4	10.55	0.0714	305	7	100	15
7/16/2021	2:45 AM	29.708	0	0	0	0.005	80.6	59	64.9	82	10.55	0.0714	304	7	100	15
7/16/2021	3:00 AM	29.708	0	0	0	0.007	80.2	60	65.1	81.5	10.75	0.0715	305	7	100	15
7/16/2021	3:15 AM	29.706	0	0	0	0.008	79.9	61	65.2	81.3	10.95	0.0715	306	7	100	15
7/16/2021	3:30 AM	29.706	0	0	0	0.009	79.7	61	65.1	81	10.96	0.0715	304	7	100	15
7/16/2021	3:45 AM	29.708	0	0	0	0.01	79.5	61	64.9	80.7	10.96	0.0716	305	7	100	15
7/16/2021	4:00 AM	29.707	0	0	0	0.008	79.3	61	64.7	80.5	10.96	0.0716	306	7	100	15
7/16/2021	4:15 AM	29.71	0	0	0	0.005	79.2	61	64.6	80.3	10.97	0.0716	305	7	100	15
7/16/2021	4:30 AM	29.705	0	0	0	0.007	79	62	64.9	80.2	11.17	0.0716	305	7	100	15
7/16/2021	4:45 AM	29.706	0	0	0	0.005	78.9	62	64.8	80.1	11.17	0.0716	304	7	100	15
7/16/2021	5:00 AM	29.709	0	0	0	0.004	78.8	62	64.7	80	11.17	0.0717	302	7	100	15
7/16/2021	5:15 AM	29.714	0	0	0	0.001	78.6	62	64.5	79.7	11.18	0.0717	305	7	100	15
7/16/2021	5:30 AM	29.717	0	0	0	0	78.3	62	64.2	79.3	11.18	0.0718	304	7	100	15
7/16/2021	5:45 AM	29.721	0	0	0	0	78.3	62	64.2	79.3	11.18	0.0718	304	7	100	15
7/16/2021	6:00 AM	29.725	0	0	0	0	78.2	62	64.1	79.2	11.19	0.0718	303	7	100	15
7/16/2021	6:15 AM	29.731	0	0	0.002	0	77.9	62	63.8	78.8	11.19	0.0719	305	7	100	15
7/16/2021	6:30 AM	29.735	0	0	0.004	0	77.7	63	64.1	78.7	11.4	0.0719	306	7	100	15
7/16/2021	6:45 AM	29.738	0	0	0.001	0	77.6	63	64	78.6	11.4	0.0719	304	7	100	15
7/16/2021	7:00 AM	29.74	0	0	0	0.001	77.5	63	63.9	78.5	11.4	0.072	306	7	100	15
7/16/2021	7:15 AM	29.742	0	0	0	0.006	77.8	63	64.2	78.8	11.39	0.0719	305	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/16/2021	7:30 AM	65.6	65.6	65.5	96	64.4	0	ENE	0	2	ENE	65.6	67.3	67.3
7/16/2021	7:45 AM	67.5	67.5	65.6	94	65.7	1	ENE	0.25	2	ENE	67.5	69.4	69.4
7/16/2021	8:00 AM	69.9	69.9	67.5	90	66.8	0	ENE	0	2	ENE	69.9	72	72
7/16/2021	8:15 AM	71.3	71.3	69.9	87	67.2	1	ENE	0.25	2	ENE	71.3	73.2	73.2
7/16/2021	8:30 AM	71.8	71.8	71.3	86	67.4	1	NE	0.25	2	NE	71.8	73.7	73.7
7/16/2021	8:45 AM	72.1	72.1	71.8	86	67.7	1	ENE	0.25	3	ENE	72.1	74	74
7/16/2021	9:00 AM	72.8	72.8	72.1	85	68	1	NE	0.25	3	NE	72.8	74.7	74.7
7/16/2021	9:15 AM	73.3	73.3	72.8	83	67.8	1	W	0.25	3	SSE	73.3	75.2	75.2
7/16/2021	9:30 AM	74.4	74.4	73.3	82	68.5	1	SW	0.25	3	SW	74.4	76.5	76.5
7/16/2021	9:45 AM	75.8	75.8	74.4	81	69.6	1	WNW	0.25	4	WNW	75.8	78.1	78.1
7/16/2021	10:00 AM	76.2	76.2	75.8	79	69.2	1	WSW	0.25	4	W	76.2	78.5	78.5
7/16/2021	10:15 AM	77.4	77.5	76.2	76	69.2	2	W	0.5	8	WNW	77.4	79.9	79.9
7/16/2021	10:30 AM	78.1	78.2	77.5	74	69.1	2	WNW	0.5	6	S	78.1	80.7	80.7
7/16/2021	10:45 AM	78.5	78.6	78.1	74	69.5	1	SW	0.25	3	WSW	78.5	81.3	81.3
7/16/2021	11:00 AM	78.6	78.7	78.4	76	70.4	1	NW	0.25	3	WSW	78.6	81.8	81.8
7/16/2021	11:15 AM	79.3	79.3	78.6	74	70.3	1	WNW	0.25	5	WNW	79.3	82.7	82.7
7/16/2021	11:30 AM	80.4	80.4	79.3	71	70.1	2	W	0.5	6	NNW	80.4	84	84
7/16/2021	11:45 AM	80	80.7	80	70	69.3	1	WSW	0.25	8	NW	80	83.1	83.1
7/16/2021	12:00 PM	80.1	80.1	79.6	74	71.1	1	N	0.25	3	N	80.1	84.1	84.1
7/16/2021	12:15 PM	82.7	82.8	80.2	69	71.5	2	NW	0.5	5	NW	82.7	87.8	87.8
7/16/2021	12:30 PM	83.6	83.7	82.7	66	71	2	SW	0.5	6	W	83.6	88.7	88.7
7/16/2021	12:45 PM	83	83.5	82.6	68	71.3	2	NW	0.5	4	N	83	88.1	88.1
7/16/2021	1:00 PM	84.3	84.3	83	66	71.7	1	SW	0.25	5	NW	84.3	90.1	90.1
7/16/2021	1:15 PM	85.5	85.7	84.3	62	71	2	W	0.5	13	NW	85.5	91	91
7/16/2021	1:30 PM	85	85.4	84.7	65	71.9	2	S	0.5	5	S	85	91.1	91.1
7/16/2021	1:45 PM	84.6	85.2	84.6	61	69.7	2	S	0.5	5	S	84.6	88.9	88.9
7/16/2021	2:00 PM	85.4	85.4	83.8	66	72.7	1	SSW	0.25	4	SSW	85.4	92.3	92.3
7/16/2021	2:15 PM	86.1	86.2	85.4	60	70.6	2	S	0.5	5	E	86.1	91.4	91.4
7/16/2021	2:30 PM	85.3	86.2	84.9	62	70.8	2	NW	0.5	6	S	85.3	90.6	90.6
7/16/2021	2:45 PM	86.6	86.6	85.4	61	71.5	2	NW	0.5	6	N	86.6	92.8	92.8
7/16/2021	3:00 PM	85.8	86.8	85.8	60	70.3	1	S	0.25	3	E	85.8	90.8	90.8
7/16/2021	3:15 PM	86.5	86.5	85.2	61	71.5	1	SW	0.25	5	S	86.5	92.6	92.6
7/16/2021	3:30 PM	87.2	87.2	86.6	56	69.6	2	W	0.5	7	S	87.2	92.1	92.1
7/16/2021	3:45 PM	88.4	88.4	87.2	54	69.6	2	WSW	0.5	6	S	88.4	93.6	93.6
7/16/2021	4:00 PM	88.5	88.9	88.4	54	69.7	2	WSW	0.5	5	S	88.5	93.7	93.7
7/16/2021	4:15 PM	87.9	88.6	87.9	53	68.6	2	SW	0.5	6	S	87.9	92.2	92.2
7/16/2021	4:30 PM	88.1	88.1	87.2	54	69.4	1	WSW	0.25	4	SSE	88.1	93	93
7/16/2021	4:45 PM	87.3	88.4	87	55	69.2	1	SSE	0.25	9	SSE	87.3	91.9	91.9
7/16/2021	5:00 PM	88.8	88.8	87.2	53	69.5	1	S	0.25	5	NW	88.8	93.9	93.9

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/16/2021	7:30 AM	29.743	0	0	0	0.006	78.2	63	64.6	79.3	11.39	0.0718	306	7	100	15
7/16/2021	7:45 AM	29.747	0	0	0	0.026	78.6	63	64.9	79.9	11.38	0.0718	307	7	100	15
7/16/2021	8:00 AM	29.75	0	0	0	0.051	79.1	63	65.4	80.5	11.37	0.0717	306	7	100	15
7/16/2021	8:15 AM	29.753	0	0	0	0.066	79.6	63	65.9	81.2	11.36	0.0716	302	7	100	15
7/16/2021	8:30 AM	29.757	0	0	0	0.071	80.3	63	66.6	82.3	11.34	0.0715	303	7	100	15
7/16/2021	8:45 AM	29.755	0	0	0	0.074	80.9	63	67.1	83.1	11.33	0.0714	305	7	100	15
7/16/2021	9:00 AM	29.756	0	0	0	0.081	81.5	63	67.7	84.1	11.32	0.0713	306	7	100	15
7/16/2021	9:15 AM	29.757	0	0	0	0.086	82.1	63	68.3	85.1	11.31	0.0711	306	7	100	15
7/16/2021	9:30 AM	29.757	0	0	0	0.098	82.8	62	68.4	86	11.09	0.071	305	7	100	15
7/16/2021	9:45 AM	29.757	0	0	0	0.113	83.7	62	69.3	87.6	11.08	0.0709	304	7	100	15
7/16/2021	10:00 AM	29.759	0	0	0	0.117	84.7	61	69.8	89.1	10.95	0.0707	303	7	100	15
7/16/2021	10:15 AM	29.755	0	0	0	0.129	86.1	60	70.6	91.4	10.71	0.0705	302	7	100	15
7/16/2021	10:30 AM	29.757	0	0	0	0.136	87.6	59	71.5	94.1	10.5	0.0702	303	7	100	15
7/16/2021	10:45 AM	29.755	0	0	0	0.141	88.5	58	71.8	95.5	10.28	0.0701	305	7	100	15
7/16/2021	11:00 AM	29.759	0	0	0	0.142	88.9	57	71.7	95.9	10.09	0.0701	304	7	100	15
7/16/2021	11:15 AM	29.758	0	0	0	0.149	89.9	56	72.1	97.5	9.95	0.0699	304	7	100	15
7/16/2021	11:30 AM	29.759	0	0	0	0.16	91	55	72.6	99.3	9.71	0.0697	305	7	100	15
7/16/2021	11:45 AM	29.756	0	0	0	0.156	91.4	54	72.4	99.7	9.59	0.0697	302	7	100	15
7/16/2021	12:00 PM	29.754	0	0	0	0.157	90.9	55	72.5	99.1	9.71	0.0697	306	7	100	15
7/16/2021	12:15 PM	29.748	0	0	0	0.184	92.2	55	73.7	102.1	9.66	0.0695	304	7	100	15
7/16/2021	12:30 PM	29.743	0	0	0	0.194	93.5	53	73.8	103.9	9.31	0.0693	305	7	100	15
7/16/2021	12:45 PM	29.737	0	0	0	0.188	93.9	53	74.2	104.8	9.29	0.0692	307	7	100	15
7/16/2021	1:00 PM	29.73	0	0	0	0.201	94.5	52	74.2	105.6	9.17	0.0691	303	7	100	15
7/16/2021	1:15 PM	29.728	0	0	0	0.214	95.8	51	74.8	108	9.03	0.0689	306	7	100	15
7/16/2021	1:30 PM	29.724	0	0	0	0.208	96.2	50	74.5	108.2	8.83	0.0689	305	7	100	15
7/16/2021	1:45 PM	29.716	0	0	0	0.204	96.4	48	73.5	107.2	8.52	0.0689	303	7	100	15
7/16/2021	2:00 PM	29.708	0	0	0	0.213	96.1	49	73.8	107.2	8.71	0.0689	306	7	100	15
7/16/2021	2:15 PM	29.703	0	0	0	0.22	96.9	47	73.3	107.7	8.37	0.0688	304	7	100	15
7/16/2021	2:30 PM	29.693	0	0	0	0.211	96.9	47	73.3	107.7	8.37	0.0688	305	7	100	15
7/16/2021	2:45 PM	29.69	0	0	0	0.225	97.6	47	74	109.3	8.35	0.0687	305	7	100	15
7/16/2021	3:00 PM	29.684	0	0	0	0.217	97.3	46	73.1	107.8	8.2	0.0687	306	7	100	15
7/16/2021	3:15 PM	29.679	0	0	0	0.224	97	46	72.8	107.1	8.21	0.0688	306	7	100	15
7/16/2021	3:30 PM	29.681	0	0	0	0.231	97.5	45	72.6	107.5	8.1	0.0687	305	7	100	15
7/16/2021	3:45 PM	29.675	0	0	0	0.244	98.1	45	73.1	108.8	8.09	0.0686	305	7	100	15
7/16/2021	4:00 PM	29.668	0	0	0	0.245	98.2	44	72.6	108.4	7.89	0.0686	302	7	100	15
7/16/2021	4:15 PM	29.659	0	0	0	0.239	98	44	72.4	107.9	7.89	0.0686	305	7	100	15
7/16/2021	4:30 PM	29.653	0	0	0	0.241	97.3	44	71.7	106.4	7.9	0.0687	307	7	100	15
7/16/2021	4:45 PM	29.647	0	0	0	0.232	96.8	43	70.6	104.6	7.75	0.0689	301	7	100	15
7/16/2021	5:00 PM	29.644	0	0	0	0.248	96.6	44	71.1	104.9	7.92	0.0689	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/16/2021	5:15 PM	88.9	89	88.3	55	70.6	2	WNW	0.5	9	NNW	88.9	94.9	94.9
7/16/2021	5:30 PM	88.9	89	88.3	53	69.6	1	NW	0.25	5	S	88.9	94.1	94.1
7/16/2021	5:45 PM	88.9	89.1	88.8	49	67.3	2	S	0.5	6	S	88.9	92.4	92.4
7/16/2021	6:00 PM	89.3	89.5	89	48	67	1	WNW	0.25	4	WNW	89.3	92.8	92.8
7/16/2021	6:15 PM	89	89.4	89	50	67.9	2	W	0.5	5	NW	89	93	93
7/16/2021	6:30 PM	88.9	89.2	88.9	49	67.3	1	S	0.25	4	N	88.9	92.4	92.4
7/16/2021	6:45 PM	89.1	89.3	88.9	50	68	1	WNW	0.25	7	WNW	89.1	93.2	93.2
7/16/2021	7:00 PM	89	89.2	88.8	52	69.1	1	WSW	0.25	4	NW	89	93.8	93.8
7/16/2021	7:15 PM	87.9	89	87.9	49	66.4	1	WSW	0.25	3	NNW	87.9	90.7	90.7
7/16/2021	7:30 PM	87.2	88	87.2	53	68	1	WSW	0.25	3	NNW	87.2	91	91
7/16/2021	7:45 PM	85.2	87.1	85.2	59	69.3	0	W	0	4	SSE	85.2	89.4	89.4
7/16/2021	8:00 PM	83.2	85.2	83.2	58	66.9	0	W	0	2	W	83.2	85.7	85.7
7/16/2021	8:15 PM	81.3	83.1	81.2	61	66.6	0	WSW	0	2	W	81.3	83.4	83.4
7/16/2021	8:30 PM	80.2	81.2	80.2	63	66.5	0	WSW	0	1	WSW	80.2	82.1	82.1
7/16/2021	8:45 PM	79.4	80.2	79.4	63	65.7	0	---	0	0	---	79.4	80.9	80.9
7/16/2021	9:00 PM	78.2	79.4	78.2	67	66.3	0	WSW	0	2	WSW	78.2	79.9	79.9
7/16/2021	9:15 PM	76.5	78.1	76.4	70	66	0	WSW	0	2	WSW	76.5	78	78
7/16/2021	9:30 PM	75.8	76.4	75.8	73	66.5	0	WSW	0	2	WSW	75.8	77.5	77.5
7/16/2021	9:45 PM	74.9	75.8	74.9	76	66.8	1	SE	0.25	2	WSW	74.9	76.7	76.7
7/16/2021	10:00 PM	74.4	74.9	74.2	77	66.7	1	E	0.25	2	E	74.4	76.1	76.1
7/16/2021	10:15 PM	75	75	74.4	77	67.3	0	E	0	2	E	75	76.9	76.9
7/16/2021	10:30 PM	74.8	75.6	74.8	81	68.6	2	WSW	0.5	11	NNW	74.8	76.9	76.9
7/16/2021	10:45 PM	70.9	74.7	70.9	88	67.2	3	WSW	0.75	12	WSW	70.9	72.9	72.9
7/16/2021	11:00 PM	69.9	70.9	69.9	91	67.2	0	S	0	2	S	69.9	72.1	72.1
7/16/2021	11:15 PM	69.1	69.9	69.1	93	67	1	S	0.25	2	S	69.1	71.4	71.4
7/16/2021	11:30 PM	69.1	69.1	68.9	95	67.6	1	SSE	0.25	2	SSE	69.1	71.6	71.6
7/16/2021	11:45 PM	69.3	69.3	69	96	68.1	0	SSE	0	2	SSE	69.3	71.9	71.9
7/17/2021	12:00 AM	69.5	69.5	69.2	95	68	0	SSE	0	2	SSE	69.5	72.1	72.1
7/17/2021	12:15 AM	69.5	69.5	69.4	96	68.3	0	SSE	0	1	SSE	69.5	72.1	72.1
7/17/2021	12:30 AM	69.4	69.5	69.4	96	68.2	0	SSE	0	2	SW	69.4	72	72
7/17/2021	12:45 AM	69.4	69.5	69.4	96	68.2	0	W	0	2	W	69.4	72	72
7/17/2021	1:00 AM	69.3	69.5	69.2	96	68.1	0	SSE	0	2	SE	69.3	71.9	71.9
7/17/2021	1:15 AM	69	69.3	69	96	67.8	0	SSE	0	1	SSE	69	71.6	71.6
7/17/2021	1:30 AM	68.5	69	68.5	96	67.3	0	---	0	0	---	68.5	70.9	70.9
7/17/2021	1:45 AM	68.5	68.5	68.4	97	67.6	0	E	0	2	E	68.5	71.1	71.1
7/17/2021	2:00 AM	68.6	68.7	68.5	97	67.7	0	E	0	2	E	68.6	71.2	71.2
7/17/2021	2:15 AM	68.8	68.8	68.6	97	67.9	0	E	0	2	E	68.8	71.4	71.4
7/17/2021	2:30 AM	68.9	68.9	68.7	97	68	2	ENE	0.5	3	ENE	68.9	71.5	71.5
7/17/2021	2:45 AM	68.9	69	68.9	97	68	1	ENE	0.25	3	ENE	68.9	71.5	71.5

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/16/2021	5:15 PM	29.64	0	0	0	0.249	96.4	44	70.9	104.4	7.92	0.0689	306	7	100	15
7/16/2021	5:30 PM	29.634	0	0	0	0.249	96	44	70.6	103.6	7.93	0.0689	305	7	100	15
7/16/2021	5:45 PM	29.629	0	0	0	0.249	95.7	44	70.3	102.9	7.94	0.069	306	7	100	15
7/16/2021	6:00 PM	29.628	0	0	0	0.253	95.4	44	70	102.3	7.94	0.069	303	7	100	15
7/16/2021	6:15 PM	29.629	0	0	0	0.25	95.2	43	69.2	101.3	7.75	0.0691	305	7	100	15
7/16/2021	6:30 PM	29.632	0	0	0	0.249	94.9	43	68.9	100.7	7.75	0.0692	305	7	100	15
7/16/2021	6:45 PM	29.629	0	0	0	0.251	94.6	43	68.6	100.1	7.77	0.0692	306	7	100	15
7/16/2021	7:00 PM	29.632	0	0	0	0.25	94.4	43	68.5	99.7	7.77	0.0693	307	7	100	15
7/16/2021	7:15 PM	29.636	0	0	0	0.239	94.1	44	68.9	99.7	7.97	0.0693	304	7	100	15
7/16/2021	7:30 PM	29.64	0	0	0	0.231	93.7	44	68.5	98.9	7.98	0.0694	306	7	100	15
7/16/2021	7:45 PM	29.642	0	0	0	0.21	93.3	44	68.1	98.2	7.98	0.0694	304	7	100	15
7/16/2021	8:00 PM	29.645	0	0	0	0.19	92.7	45	68.2	97.5	8.15	0.0695	304	7	100	15
7/16/2021	8:15 PM	29.644	0	0	0	0.17	92	45	67.6	96.2	8.15	0.0696	303	7	100	15
7/16/2021	8:30 PM	29.646	0	0	0	0.158	91.3	45	67	94.9	8.15	0.0698	305	7	100	15
7/16/2021	8:45 PM	29.653	0	0	0	0.15	90.7	46	67.1	94.3	8.34	0.0699	305	7	100	15
7/16/2021	9:00 PM	29.651	0	0	0	0.137	90.1	46	66.5	93.3	8.35	0.07	306	7	100	15
7/16/2021	9:15 PM	29.647	0	0	0	0.12	89.6	47	66.7	92.9	8.46	0.07	303	7	100	15
7/16/2021	9:30 PM	29.643	0	0	0	0.113	89.1	48	66.9	92.4	8.67	0.07	307	7	100	15
7/16/2021	9:45 PM	29.651	0	0	0	0.103	88.7	48	66.5	91.7	8.68	0.0701	303	7	100	15
7/16/2021	10:00 PM	29.658	0	0	0	0.098	88.3	49	66.7	91.4	8.85	0.0702	304	7	100	15
7/16/2021	10:15 PM	29.665	0	0	0	0.104	88.2	50	67.2	91.6	9.05	0.0702	305	7	100	15
7/16/2021	10:30 PM	29.695	0.05	3.16	0	0.102	88	51	67.6	91.6	9.19	0.0703	304	7	100	15
7/16/2021	10:45 PM	29.702	0.27	3.29	0	0.061	86.9	53	67.7	90.4	9.51	0.0704	304	7	100	15
7/16/2021	11:00 PM	29.696	0	0	0	0.051	85.8	54	67.2	88.9	9.73	0.0706	304	7	100	15
7/16/2021	11:15 PM	29.693	0	0	0	0.043	84.8	56	67.4	87.9	10.05	0.0707	304	7	100	15
7/16/2021	11:30 PM	29.692	0	0	0	0.043	84.2	57	67.3	87.1	10.23	0.0708	306	7	100	15
7/16/2021	11:45 PM	29.697	0	0	0	0.045	83.9	58	67.5	86.9	10.35	0.0708	305	7	100	15
7/17/2021	12:00 AM	29.697	0	0	0	0.047	83.7	59	67.8	86.8	10.55	0.0708	303	7	100	15
7/17/2021	12:15 AM	29.695	0	0	0	0.047	83.7	59	67.8	86.8	10.55	0.0708	303	7	100	15
7/17/2021	12:30 AM	29.699	0	0	0	0.046	83.4	60	68.1	86.5	10.75	0.0708	304	7	100	15
7/17/2021	12:45 AM	29.689	0	0	0	0.046	83.2	60	67.9	86.1	10.75	0.0709	305	7	100	15
7/17/2021	1:00 AM	29.687	0	0	0	0.045	82.9	61	68.1	85.9	10.95	0.0709	305	7	100	15
7/17/2021	1:15 AM	29.682	0	0	0	0.042	82.7	61	67.9	85.6	10.95	0.0709	305	7	100	15
7/17/2021	1:30 AM	29.684	0	0	0	0.036	82.5	61	67.7	85.3	10.95	0.0709	305	7	100	15
7/17/2021	1:45 AM	29.681	0	0	0	0.036	82.3	61	67.5	84.9	10.95	0.071	305	7	100	15
7/17/2021	2:00 AM	29.687	0	0	0	0.037	82.1	62	67.8	84.8	11.11	0.071	306	7	100	15
7/17/2021	2:15 AM	29.684	0	0	0	0.04	82	62	67.7	84.7	11.11	0.071	304	7	100	15
7/17/2021	2:30 AM	29.681	0	0	0	0.041	81.9	62	67.6	84.5	11.11	0.071	304	7	100	15
7/17/2021	2:45 AM	29.678	0	0	0	0.041	82	63	68.2	84.9	11.31	0.071	305	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/17/2021	3:00 AM	68.7	69	68.7	97	67.8	0	ENE	0	2	ENE	68.7	71.3	71.3
7/17/2021	3:15 AM	68.6	68.7	68.6	97	67.7	1	ENE	0.25	2	ENE	68.6	71.2	71.2
7/17/2021	3:30 AM	68.7	68.8	68.6	97	67.8	1	E	0.25	2	E	68.7	71.3	71.3
7/17/2021	3:45 AM	68.6	68.8	68.6	97	67.7	0	ENE	0	2	ENE	68.6	71.2	71.2
7/17/2021	4:00 AM	68.4	68.7	68.3	97	67.5	0	ENE	0	2	ENE	68.4	70.9	70.9
7/17/2021	4:15 AM	68.3	68.5	68.3	97	67.4	0	E	0	2	ENE	68.3	70.8	70.8
7/17/2021	4:30 AM	67.7	68.3	67.7	96	66.5	1	E	0.25	2	E	67.7	69.9	69.9
7/17/2021	4:45 AM	67.4	67.7	67.3	97	66.5	1	ENE	0.25	2	ENE	67.4	69.7	69.7
7/17/2021	5:00 AM	67.7	67.8	67.4	97	66.8	0	E	0	1	E	67.7	70.1	70.1
7/17/2021	5:15 AM	67.9	67.9	67.7	97	67	0	E	0	2	E	67.9	70.3	70.3
7/17/2021	5:30 AM	67.6	67.9	67.6	97	66.7	0	---	0	0	---	67.6	69.9	69.9
7/17/2021	5:45 AM	67.7	67.7	67.6	97	66.8	0	---	0	0	---	67.7	70.1	70.1
7/17/2021	6:00 AM	67.9	67.9	67.7	97	67	1	ENE	0.25	2	E	67.9	70.3	70.3
7/17/2021	6:15 AM	68	68	67.8	97	67.1	1	SSE	0.25	4	S	68	70.5	70.5
7/17/2021	6:30 AM	67.9	68	67.9	97	67	0	ESE	0	2	ESE	67.9	70.3	70.3
7/17/2021	6:45 AM	67.8	67.9	67.8	98	67.2	0	SE	0	2	SE	67.8	70.4	70.4
7/17/2021	7:00 AM	67.8	67.9	67.7	98	67.2	0	---	0	0	---	67.8	70.4	70.4
7/17/2021	7:15 AM	67.9	67.9	67.7	98	67.3	0	---	0	0	---	67.9	70.5	70.5
7/17/2021	7:30 AM	67.9	68	67.8	98	67.3	0	---	0	0	---	67.9	70.5	70.5
7/17/2021	7:45 AM	68.1	68.1	67.9	98	67.5	0	NW	0	1	E	68.1	70.8	70.8
7/17/2021	8:00 AM	68.9	68.9	68.1	98	68.3	0	NW	0	2	NW	68.9	71.6	71.6
7/17/2021	8:15 AM	69.7	69.7	68.9	97	68.8	0	NNE	0	2	NNE	69.7	72.4	72.4
7/17/2021	8:30 AM	70.2	70.2	69.7	97	69.3	0	NW	0	2	NNE	70.2	72.9	72.9
7/17/2021	8:45 AM	70.4	70.5	70.1	96	69.2	0	NW	0	1	NW	70.4	73.1	73.1
7/17/2021	9:00 AM	70.9	70.9	70.4	96	69.7	0	NW	0	2	NW	70.9	73.5	73.5
7/17/2021	9:15 AM	70.9	71	70.8	96	69.7	1	NNW	0.25	2	NW	70.9	73.5	73.5
7/17/2021	9:30 AM	71.3	71.3	70.9	97	70.4	0	NNW	0	1	NNW	71.3	74	74
7/17/2021	9:45 AM	71.4	71.5	71.2	96	70.2	1	WNW	0.25	2	NNW	71.4	74	74
7/17/2021	10:00 AM	71.6	71.6	71.4	96	70.4	1	W	0.25	3	NW	71.6	74.2	74.2
7/17/2021	10:15 AM	72.3	72.3	71.5	93	70.2	1	SSW	0.25	5	SSE	72.3	74.6	74.6
7/17/2021	10:30 AM	72.4	72.4	72.2	91	69.6	1	NW	0.25	5	SSE	72.4	74.6	74.6
7/17/2021	10:45 AM	72.9	72.9	72.3	91	70.1	0	S	0	4	SSE	72.9	75.1	75.1
7/17/2021	11:00 AM	73.5	73.5	72.9	92	71	1	SSE	0.25	3	SSE	73.5	75.8	75.8
7/17/2021	11:15 AM	74.3	74.3	73.5	87	70.2	1	SSE	0.25	6	SSE	74.3	76.6	76.6
7/17/2021	11:30 AM	74.3	74.4	74.3	86	69.8	1	SSW	0.25	7	SSE	74.3	76.5	76.5
7/17/2021	11:45 AM	74.2	74.4	74.2	85	69.4	1	S	0.25	5	SSE	74.2	76.4	76.4
7/17/2021	12:00 PM	74.4	74.4	74.2	85	69.6	1	SW	0.25	7	WNW	74.4	76.7	76.7
7/17/2021	12:15 PM	75.4	75.4	74.4	84	70.2	2	S	0.5	5	SSW	75.4	77.9	77.9
7/17/2021	12:30 PM	75.8	75.8	75.4	82	69.9	2	SW	0.5	4	SSE	75.8	78.2	78.2

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/17/2021	3:00 AM	29.679	0	0	0	0.039	82	63	68.2	84.9	11.31	0.071	303	7	100	15
7/17/2021	3:15 AM	29.676	0	0	0	0.037	82	63	68.2	84.9	11.31	0.071	307	7	100	15
7/17/2021	3:30 AM	29.676	0	0	0	0.039	81.9	63	68.1	84.8	11.31	0.071	305	7	100	15
7/17/2021	3:45 AM	29.681	0	0	0	0.037	81.9	63	68.1	84.8	11.31	0.071	304	7	100	15
7/17/2021	4:00 AM	29.677	0	0	0	0.035	81.5	63	67.7	84.1	11.32	0.0711	307	7	100	15
7/17/2021	4:15 AM	29.676	0	0	0	0.034	81.2	63	67.4	83.6	11.33	0.0711	304	7	100	15
7/17/2021	4:30 AM	29.674	0	0	0	0.028	81.1	63	67.3	83.5	11.33	0.0711	306	7	100	15
7/17/2021	4:45 AM	29.672	0	0	0	0.025	80.9	63	67.1	83.1	11.33	0.0712	306	7	100	15
7/17/2021	5:00 AM	29.676	0	0	0	0.028	80.7	63	66.9	82.8	11.34	0.0712	303	7	100	15
7/17/2021	5:15 AM	29.685	0	0	0	0.03	80.6	64	67.3	82.9	11.54	0.0712	305	7	100	15
7/17/2021	5:30 AM	29.69	0	0	0	0.027	80.4	64	67.1	82.6	11.54	0.0713	302	7	100	15
7/17/2021	5:45 AM	29.695	0	0	0	0.028	80.3	64	67	82.5	11.54	0.0713	305	7	100	15
7/17/2021	6:00 AM	29.7	0.01	0	0	0.03	80.4	64	67.1	82.6	11.54	0.0713	306	7	100	15
7/17/2021	6:15 AM	29.707	0.1	1.23	0	0.031	80.4	65	67.6	82.8	11.74	0.0713	306	7	100	15
7/17/2021	6:30 AM	29.711	0	0	0	0.03	80.4	65	67.6	82.8	11.74	0.0713	306	7	100	15
7/17/2021	6:45 AM	29.719	0	0	0	0.029	80.4	65	67.6	82.8	11.74	0.0713	304	7	100	15
7/17/2021	7:00 AM	29.726	0	0	0	0.029	80.4	65	67.6	82.8	11.74	0.0713	305	7	100	15
7/17/2021	7:15 AM	29.731	0	0	0	0.03	80.3	65	67.5	82.7	11.74	0.0714	304	7	100	15
7/17/2021	7:30 AM	29.729	0	0	0	0.03	80.3	65	67.5	82.7	11.74	0.0714	303	7	100	15
7/17/2021	7:45 AM	29.734	0	0	0	0.032	80.4	66	68	83	11.94	0.0713	307	7	100	15
7/17/2021	8:00 AM	29.734	0	0	0	0.041	80.6	66	68.2	83.3	11.94	0.0713	305	7	100	15
7/17/2021	8:15 AM	29.733	0	0	0	0.049	81.3	66	68.9	84.5	11.92	0.0712	306	7	100	15
7/17/2021	8:30 AM	29.733	0	0	0	0.054	81.7	66	69.2	85.1	11.92	0.0711	306	7	100	15
7/17/2021	8:45 AM	29.734	0	0	0	0.056	82	66	69.5	85.7	11.91	0.071	304	7	100	15
7/17/2021	9:00 AM	29.737	0	0	0	0.061	82.4	66	69.9	86.4	11.9	0.071	304	7	100	15
7/17/2021	9:15 AM	29.744	0	0	0	0.061	82.7	66	70.2	86.9	11.9	0.0709	306	7	100	15
7/17/2021	9:30 AM	29.75	0	0	0	0.066	82.9	66	70.4	87.3	11.89	0.0709	306	7	100	15
7/17/2021	9:45 AM	29.753	0	0	0	0.067	83.1	66	70.6	87.7	11.89	0.0709	306	7	100	15
7/17/2021	10:00 AM	29.755	0	0	0	0.069	83.4	65	70.4	88	11.68	0.0708	306	7	100	15
7/17/2021	10:15 AM	29.753	0	0	0	0.076	83.9	65	70.9	88.9	11.67	0.0707	304	7	100	15
7/17/2021	10:30 AM	29.757	0	0	0	0.077	84.1	65	71.1	89.3	11.67	0.0707	304	7	100	15
7/17/2021	10:45 AM	29.756	0	0	0	0.082	84.5	64	71	89.8	11.46	0.0707	305	7	100	15
7/17/2021	11:00 AM	29.754	0	0	0	0.089	85.2	64	71.6	91.2	11.44	0.0705	304	7	100	15
7/17/2021	11:15 AM	29.75	0	0	0	0.097	85.9	62	71.4	91.8	11.03	0.0704	306	7	100	15
7/17/2021	11:30 AM	29.749	0	0	0	0.097	86.3	62	71.7	92.6	11.02	0.0704	303	7	100	15
7/17/2021	11:45 AM	29.747	0	0	0	0.096	86.5	61	71.5	92.6	10.89	0.0704	304	7	100	15
7/17/2021	12:00 PM	29.748	0	0	0	0.098	86.6	61	71.5	92.8	10.89	0.0703	304	7	100	15
7/17/2021	12:15 PM	29.742	0	0	0	0.108	87	61	71.9	93.6	10.87	0.0702	304	7	100	15
7/17/2021	12:30 PM	29.741	0	0	0	0.113	87.5	60	71.9	94.3	10.65	0.0702	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/17/2021	12:45 PM	76.5	76.5	75.8	81	70.2	2	WNW	0.5	7	WNW	76.5	79.1	79.1
7/17/2021	1:00 PM	77.5	77.5	76.4	80	70.8	3	NW	0.75	8	WNW	77.5	80.5	80.5
7/17/2021	1:15 PM	78.2	78.2	77.5	76	70	2	S	0.5	9	SSE	78.2	81.1	81.1
7/17/2021	1:30 PM	78	78.3	77.9	76	69.8	2	W	0.5	7	WNW	78	80.8	80.8
7/17/2021	1:45 PM	77.8	78	77.6	77	70	1	SW	0.25	4	SSE	77.8	80.6	80.6
7/17/2021	2:00 PM	79	79.4	77.8	76	70.8	2	WNW	0.5	9	NW	79	82.5	82.5
7/17/2021	2:15 PM	78	79	78	79	71	1	WSW	0.25	5	WSW	78	81.2	81.2
7/17/2021	2:30 PM	79.5	79.6	78	76	71.3	2	W	0.5	6	SW	79.5	83.4	83.4
7/17/2021	2:45 PM	80.8	80.8	79.5	73	71.3	2	NW	0.5	8	NW	80.8	85.2	85.2
7/17/2021	3:00 PM	80.7	81.4	80.7	71	70.4	2	WNW	0.5	8	NW	80.7	84.6	84.6
7/17/2021	3:15 PM	81.4	81.4	80.8	69	70.2	3	SW	0.75	14	WNW	81.4	85.4	85.4
7/17/2021	3:30 PM	82.1	82.7	81.5	68	70.5	2	WSW	0.5	9	SSE	82.1	86.4	86.4
7/17/2021	3:45 PM	81	82.1	80.9	70	70.3	2	W	0.5	6	SSE	81	84.9	84.9
7/17/2021	4:00 PM	80	81.1	80	71	69.7	1	W	0.25	4	NNW	80	83.3	83.3
7/17/2021	4:15 PM	73.6	80	73.6	85	68.8	3	W	0.75	11	W	73.6	75.6	75.6
7/17/2021	4:30 PM	74.5	74.6	72.9	91	71.7	1	NNW	0.25	5	SSE	74.5	77	77
7/17/2021	4:45 PM	76.7	76.7	74.6	89	73.2	1	WNW	0.25	5	NW	76.7	80	80
7/17/2021	5:00 PM	76.8	77.2	76.6	87	72.6	1	SSW	0.25	3	NW	76.8	80.1	80.1
7/17/2021	5:15 PM	76.9	76.9	76.4	83	71.3	1	SW	0.25	5	SW	76.9	79.9	79.9
7/17/2021	5:30 PM	77.1	77.2	76.9	89	73.6	0	SE	0	1	NNE	77.1	80.7	80.7
7/17/2021	5:45 PM	76.6	77.1	76.5	84	71.4	1	ENE	0.25	4	NNE	76.6	79.5	79.5
7/17/2021	6:00 PM	76.6	76.6	76.5	84	71.4	1	NW	0.25	4	WNW	76.6	79.5	79.5
7/17/2021	6:15 PM	76.4	76.7	76.4	84	71.2	1	SSE	0.25	4	NW	76.4	79.2	79.2
7/17/2021	6:30 PM	77.6	77.8	76.4	78	70.2	2	NW	0.5	7	WNW	77.6	80.4	80.4
7/17/2021	6:45 PM	78.2	78.2	77.5	78	70.8	1	WNW	0.25	4	NNW	78.2	81.4	81.4
7/17/2021	7:00 PM	78.9	78.9	78.2	78	71.5	1	WNW	0.25	6	W	78.9	82.6	82.6
7/17/2021	7:15 PM	78.7	79.1	78.7	77	70.9	2	NW	0.5	6	NNW	78.7	82.1	82.1
7/17/2021	7:30 PM	77.5	78.7	77.5	80	70.8	1	W	0.25	2	W	77.5	80.5	80.5
7/17/2021	7:45 PM	76.7	77.5	76.7	83	71.1	0	SSE	0	3	WNW	76.7	79.6	79.6
7/17/2021	8:00 PM	75	76.7	75	88	71.2	0	WNW	0	3	NNW	75	77.6	77.6
7/17/2021	8:15 PM	73.3	75	73.3	89	69.9	1	SSW	0.25	2	W	73.3	75.4	75.4
7/17/2021	8:30 PM	72.4	73.2	72.4	91	69.6	0	SSW	0	2	SSW	72.4	74.6	74.6
7/17/2021	8:45 PM	71.9	72.4	71.9	92	69.4	1	S	0.25	2	SSW	71.9	74.2	74.2
7/17/2021	9:00 PM	71.4	71.9	71.4	92	69	0	S	0	1	S	71.4	73.7	73.7
7/17/2021	9:15 PM	71.2	71.5	71.2	93	69.1	0	S	0	1	S	71.2	73.6	73.6
7/17/2021	9:30 PM	71.2	71.3	71	95	69.7	0	---	0	0	---	71.2	73.8	73.8
7/17/2021	9:45 PM	71.2	71.3	71.1	95	69.7	0	S	0	1	S	71.2	73.8	73.8
7/17/2021	10:00 PM	71.3	71.3	71.2	94	69.5	1	S	0.25	2	S	71.3	73.8	73.8
7/17/2021	10:15 PM	71.1	71.4	71.1	95	69.6	0	S	0	1	S	71.1	73.7	73.7

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/17/2021	12:45 PM	29.737	0	0	0	0.12	88.1	60	72.5	95.5	10.63	0.0701	305	7	100	15
7/17/2021	1:00 PM	29.737	0	0	0	0.13	88.9	58	72.2	96.3	10.27	0.07	306	7	100	15
7/17/2021	1:15 PM	29.731	0	0	0	0.137	89.6	58	72.9	97.9	10.26	0.0698	304	7	100	15
7/17/2021	1:30 PM	29.727	0	0	0	0.135	89.9	56	72.1	97.5	9.95	0.0698	305	7	100	15
7/17/2021	1:45 PM	29.724	0	0	0	0.133	89.7	57	72.4	97.6	10.06	0.0698	306	7	100	15
7/17/2021	2:00 PM	29.718	0	0	0	0.146	90.8	56	72.9	99.5	9.93	0.0696	305	7	100	15
7/17/2021	2:15 PM	29.715	0	0	0	0.135	90.4	56	72.6	98.6	9.94	0.0697	304	7	100	15
7/17/2021	2:30 PM	29.71	0	0	0	0.151	90.8	56	72.9	99.5	9.93	0.0696	304	7	100	15
7/17/2021	2:45 PM	29.702	0	0	0	0.165	91.5	55	73.1	100.4	9.69	0.0695	304	7	100	15
7/17/2021	3:00 PM	29.701	0	0	0	0.164	92.1	54	73.1	101.2	9.57	0.0694	304	7	100	15
7/17/2021	3:15 PM	29.698	0	0	0	0.171	92.5	53	72.9	101.6	9.35	0.0694	306	7	100	15
7/17/2021	3:30 PM	29.698	0	0	0	0.178	93.4	52	73.1	103	9.21	0.0693	305	7	100	15
7/17/2021	3:45 PM	29.689	0	0	0	0.167	93.1	52	72.9	102.3	9.23	0.0693	305	7	100	15
7/17/2021	4:00 PM	29.686	0	0	0	0.156	92.7	52	72.5	101.4	9.24	0.0694	303	7	100	15
7/17/2021	4:15 PM	29.701	0.26	3.95	0	0.09	91.1	53	71.6	98.5	9.41	0.0696	305	7	100	15
7/17/2021	4:30 PM	29.689	0.04	0.9	0	0.099	89.6	55	71.3	96.4	9.76	0.0698	304	7	100	15
7/17/2021	4:45 PM	29.686	0	0	0	0.122	89.5	57	72.3	97.1	10.07	0.0698	303	7	100	15
7/17/2021	5:00 PM	29.686	0	0	0	0.123	89.5	57	72.3	97.1	10.07	0.0698	306	7	100	15
7/17/2021	5:15 PM	29.69	0	0	0	0.124	89.5	57	72.3	97.1	10.07	0.0698	304	7	100	15
7/17/2021	5:30 PM	29.687	0	0	0	0.126	89.6	58	72.9	97.9	10.26	0.0697	303	7	100	15
7/17/2021	5:45 PM	29.685	0	0	0	0.121	89.5	58	72.8	97.7	10.26	0.0697	301	7	100	15
7/17/2021	6:00 PM	29.683	0	0	0	0.121	89.4	58	72.7	97.4	10.26	0.0698	302	7	100	15
7/17/2021	6:15 PM	29.676	0	0	0	0.119	89.2	59	73	97.5	10.47	0.0697	306	7	100	15
7/17/2021	6:30 PM	29.672	0	0	0	0.131	89.2	58	72.5	97	10.27	0.0698	305	7	100	15
7/17/2021	6:45 PM	29.675	0	0	0	0.137	89	57	71.8	96.1	10.09	0.0698	304	7	100	15
7/17/2021	7:00 PM	29.679	0	0	0	0.145	88.8	57	71.6	95.7	10.1	0.0699	305	7	100	15
7/17/2021	7:15 PM	29.683	0	0	0	0.143	88.9	57	71.7	95.9	10.09	0.0699	302	7	100	15
7/17/2021	7:30 PM	29.69	0	0	0	0.13	88.7	57	71.5	95.5	10.1	0.0699	300	7	100	15
7/17/2021	7:45 PM	29.693	0	0	0	0.122	88.3	58	71.6	95.1	10.28	0.07	305	7	100	15
7/17/2021	8:00 PM	29.696	0	0	0	0.104	87.6	58	71	93.7	10.3	0.0701	304	7	100	15
7/17/2021	8:15 PM	29.704	0	0	0	0.086	86.9	59	70.8	92.6	10.51	0.0702	306	7	100	15
7/17/2021	8:30 PM	29.709	0	0	0	0.077	86.2	60	70.7	91.6	10.7	0.0704	305	7	100	15
7/17/2021	8:45 PM	29.706	0	0	0	0.072	85.8	60	70.3	90.8	10.72	0.0704	304	7	100	15
7/17/2021	9:00 PM	29.713	0	0	0	0.067	85.4	61	70.4	90.4	10.93	0.0705	305	7	100	15
7/17/2021	9:15 PM	29.717	0	0	0	0.065	85	61	70	89.7	10.95	0.0706	305	7	100	15
7/17/2021	9:30 PM	29.727	0	0	0	0.065	84.9	61	69.9	89.5	10.95	0.0706	305	7	100	15
7/17/2021	9:45 PM	29.735	0	0	0	0.065	84.8	62	70.3	89.6	11.05	0.0706	304	7	100	15
7/17/2021	10:00 PM	29.732	0	0	0	0.066	84.8	62	70.3	89.6	11.05	0.0706	304	7	100	15
7/17/2021	10:15 PM	29.733	0	0	0	0.064	84.6	62	70.1	89.3	11.06	0.0706	306	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/17/2021	10:30 PM	71.1	71.2	71	95	69.6	0	S	0	1	S	71.1	73.7	73.7
7/17/2021	10:45 PM	70.8	71.2	70.8	95	69.3	0	S	0	1	S	70.8	73.4	73.4
7/17/2021	11:00 PM	70.8	70.8	70.6	94	69	0	S	0	2	S	70.8	73.3	73.3
7/17/2021	11:15 PM	70.4	70.8	70.4	95	68.9	0	---	0	0	---	70.4	73	73
7/17/2021	11:30 PM	70.3	70.4	70.3	96	69.1	0	---	0	0	---	70.3	73	73
7/17/2021	11:45 PM	70.1	70.3	70.1	95	68.6	0	S	0	1	S	70.1	72.7	72.7
7/18/2021	12:00 AM	70.1	70.1	70	95	68.6	0	S	0	2	S	70.1	72.7	72.7
7/18/2021	12:15 AM	70.2	70.3	70.1	95	68.7	0	S	0	2	S	70.2	72.8	72.8
7/18/2021	12:30 AM	70	70.1	69.9	96	68.8	0	---	0	0	---	70	72.7	72.7
7/18/2021	12:45 AM	69.7	69.9	69.7	96	68.5	0	S	0	1	S	69.7	72.3	72.3
7/18/2021	1:00 AM	69.5	69.7	69.5	96	68.3	0	S	0	1	S	69.5	72.1	72.1
7/18/2021	1:15 AM	69.4	69.6	69.4	96	68.2	0	S	0	1	S	69.4	72	72
7/18/2021	1:30 AM	69.3	69.4	69.2	96	68.1	0	S	0	1	S	69.3	71.9	71.9
7/18/2021	1:45 AM	69	69.2	69	96	67.8	0	---	0	0	---	69	71.6	71.6
7/18/2021	2:00 AM	69.2	69.3	68.9	96	68	1	S	0.25	2	S	69.2	71.8	71.8
7/18/2021	2:15 AM	69	69.3	69	96	67.8	0	S	0	2	S	69	71.6	71.6
7/18/2021	2:30 AM	68.9	69	68.9	96	67.7	0	S	0	2	S	68.9	71.5	71.5
7/18/2021	2:45 AM	68.7	68.9	68.7	96	67.5	0	S	0	1	S	68.7	71.2	71.2
7/18/2021	3:00 AM	68.7	68.8	68.7	96	67.5	0	S	0	1	S	68.7	71.2	71.2
7/18/2021	3:15 AM	68.6	68.7	68.6	96	67.4	0	W	0	1	WSW	68.6	71.1	71.1
7/18/2021	3:30 AM	68.4	68.7	68.4	96	67.2	0	---	0	0	---	68.4	70.8	70.8
7/18/2021	3:45 AM	68.2	68.4	68.2	97	67.3	0	---	0	0	---	68.2	70.7	70.7
7/18/2021	4:00 AM	68.2	68.3	68.2	97	67.3	0	WSW	0	1	WSW	68.2	70.7	70.7
7/18/2021	4:15 AM	68.3	68.3	68.2	97	67.4	0	---	0	0	---	68.3	70.8	70.8
7/18/2021	4:30 AM	68.1	68.3	68.1	97	67.2	0	---	0	0	---	68.1	70.6	70.6
7/18/2021	4:45 AM	68	68.1	68	97	67.1	0	WSW	0	2	WSW	68	70.5	70.5
7/18/2021	5:00 AM	68	68.1	67.9	97	67.1	0	WSW	0	2	WSW	68	70.5	70.5
7/18/2021	5:15 AM	68.1	68.1	67.9	97	67.2	0	WSW	0	2	WSW	68.1	70.6	70.6
7/18/2021	5:30 AM	68	68.1	67.9	97	67.1	0	---	0	0	---	68	70.5	70.5
7/18/2021	5:45 AM	67.9	68	67.9	97	67	0	---	0	0	---	67.9	70.3	70.3
7/18/2021	6:00 AM	68.1	68.1	67.9	98	67.5	0	---	0	0	---	68.1	70.8	70.8
7/18/2021	6:15 AM	68.2	68.3	68.1	98	67.6	0	SW	0	1	SW	68.2	70.9	70.9
7/18/2021	6:30 AM	68.3	68.3	68.2	97	67.4	0	SW	0	1	SW	68.3	70.8	70.8
7/18/2021	6:45 AM	68.2	68.3	68.1	97	67.3	0	SW	0	2	SW	68.2	70.7	70.7
7/18/2021	7:00 AM	68.4	68.4	68.1	97	67.5	0	SW	0	1	SW	68.4	70.9	70.9
7/18/2021	7:15 AM	68.7	68.7	68.4	97	67.8	0	SW	0	1	SW	68.7	71.3	71.3
7/18/2021	7:30 AM	69	69	68.7	97	68.1	0	WSW	0	2	WSW	69	71.7	71.7
7/18/2021	7:45 AM	69.2	69.3	68.9	97	68.3	0	WNW	0	2	WSW	69.2	71.9	71.9
7/18/2021	8:00 AM	69.6	69.6	69.2	96	68.4	0	SSE	0	3	WNW	69.6	72.2	72.2

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/17/2021	10:30 PM	29.737	0	0	0	0.064	84.4	62	70	88.9	11.06	0.0707	305	7	100	15
7/17/2021	10:45 PM	29.742	0	0	0	0.06	84.1	63	70.1	88.7	11.27	0.0707	304	7	100	15
7/17/2021	11:00 PM	29.734	0	0	0	0.06	83.8	63	69.9	88.1	11.27	0.0708	304	7	100	15
7/17/2021	11:15 PM	29.737	0	0	0	0.056	83.7	63	69.8	87.9	11.28	0.0708	302	7	100	15
7/17/2021	11:30 PM	29.74	0	0	0	0.055	83.5	63	69.6	87.6	11.28	0.0708	304	7	100	15
7/17/2021	11:45 PM	29.736	0	0	0	0.053	83.4	63	69.5	87.4	11.28	0.0709	306	7	100	15
7/18/2021	12:00 AM	29.739	0	0	0	0.053	83.2	63	69.3	87	11.29	0.0709	304	7	100	15
7/18/2021	12:15 AM	29.741	0	0	0	0.054	83.2	63	69.3	87	11.29	0.0709	303	7	100	15
7/18/2021	12:30 AM	29.742	0	0	0	0.052	83.1	64	69.7	87.1	11.49	0.0709	303	7	100	15
7/18/2021	12:45 AM	29.74	0	0	0	0.049	82.9	64	69.5	86.7	11.49	0.0709	306	7	100	15
7/18/2021	1:00 AM	29.735	0	0	0	0.047	82.8	64	69.4	86.6	11.49	0.0709	304	7	100	15
7/18/2021	1:15 AM	29.737	0	0	0	0.046	82.5	64	69.1	86	11.5	0.071	302	7	100	15
7/18/2021	1:30 AM	29.733	0	0	0	0.045	82.4	64	69	85.9	11.5	0.071	305	7	100	15
7/18/2021	1:45 AM	29.731	0	0	0	0.042	82.2	64	68.8	85.5	11.51	0.071	304	7	100	15
7/18/2021	2:00 AM	29.727	0	0	0	0.044	82	64	68.6	85.2	11.51	0.0711	302	7	100	15
7/18/2021	2:15 AM	29.725	0	0	0	0.042	81.8	64	68.4	84.8	11.51	0.0711	304	7	100	15
7/18/2021	2:30 AM	29.726	0	0	0	0.041	81.6	64	68.2	84.5	11.52	0.0711	302	7	100	15
7/18/2021	2:45 AM	29.726	0	0	0	0.039	81.5	64	68.1	84.3	11.52	0.0712	304	7	100	15
7/18/2021	3:00 AM	29.729	0	0	0	0.039	81.5	65	68.6	84.6	11.72	0.0711	301	7	100	15
7/18/2021	3:15 AM	29.724	0	0	0	0.037	81.5	65	68.6	84.6	11.72	0.0711	304	7	100	15
7/18/2021	3:30 AM	29.728	0	0	0	0.035	81.3	65	68.4	84.2	11.72	0.0712	304	7	100	15
7/18/2021	3:45 AM	29.731	0	0	0	0.033	81.2	65	68.3	84	11.73	0.0712	302	7	100	15
7/18/2021	4:00 AM	29.735	0	0	0	0.033	81.2	65	68.3	84	11.73	0.0712	307	7	100	15
7/18/2021	4:15 AM	29.736	0	0	0	0.034	81.2	65	68.3	84	11.73	0.0712	306	7	100	15
7/18/2021	4:30 AM	29.736	0	0	0	0.032	81.1	65	68.2	83.9	11.73	0.0712	305	7	100	15
7/18/2021	4:45 AM	29.734	0	0	0	0.031	80.9	65	68	83.6	11.73	0.0713	306	7	100	15
7/18/2021	5:00 AM	29.74	0	0	0	0.031	80.8	65	67.9	83.4	11.73	0.0713	303	7	100	15
7/18/2021	5:15 AM	29.739	0	0	0	0.032	80.8	65	67.9	83.4	11.73	0.0713	303	7	100	15
7/18/2021	5:30 AM	29.745	0	0	0	0.031	80.8	65	67.9	83.4	11.73	0.0713	305	7	100	15
7/18/2021	5:45 AM	29.747	0	0	0	0.03	80.8	66	68.4	83.6	11.93	0.0713	306	7	100	15
7/18/2021	6:00 AM	29.749	0	0	0	0.032	80.8	66	68.4	83.6	11.93	0.0713	305	7	100	15
7/18/2021	6:15 AM	29.751	0	0	0	0.033	80.9	66	68.5	83.8	11.93	0.0713	303	7	100	15
7/18/2021	6:30 AM	29.75	0	0	0	0.034	80.9	66	68.5	83.8	11.93	0.0713	302	7	100	15
7/18/2021	6:45 AM	29.754	0	0	0	0.033	80.8	66	68.4	83.6	11.93	0.0713	305	7	100	15
7/18/2021	7:00 AM	29.756	0	0	0	0.035	80.9	66	68.5	83.8	11.93	0.0713	306	7	100	15
7/18/2021	7:15 AM	29.757	0	0	0	0.039	81.2	66	68.8	84.3	11.93	0.0712	304	7	100	15
7/18/2021	7:30 AM	29.761	0	0	0	0.042	81.3	66	68.9	84.5	11.92	0.0712	304	7	100	15
7/18/2021	7:45 AM	29.764	0	0	0	0.044	81.5	66	69	84.8	11.92	0.0712	304	7	100	15
7/18/2021	8:00 AM	29.762	0	0	0	0.048	81.8	66	69.3	85.3	11.91	0.0711	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/18/2021	8:15 AM	70.2	70.3	69.5	95	68.7	0	WSW	0	3	SSE	70.2	72.8	72.8
7/18/2021	8:30 AM	70.3	70.4	70.2	94	68.5	0	WSW	0	2	SW	70.3	72.8	72.8
7/18/2021	8:45 AM	70.4	70.4	70.2	94	68.6	0	SW	0	2	SW	70.4	72.9	72.9
7/18/2021	9:00 AM	70.6	70.6	70.4	93	68.5	0	WNW	0	3	E	70.6	73	73
7/18/2021	9:15 AM	71	71	70.5	94	69.2	1	W	0.25	3	NW	71	73.5	73.5
7/18/2021	9:30 AM	71.2	71.3	71	92	68.8	1	NW	0.25	3	NNW	71.2	73.5	73.5
7/18/2021	9:45 AM	71.7	71.7	71.2	92	69.3	1	WNW	0.25	3	WNW	71.7	74	74
7/18/2021	10:00 AM	72.3	72.4	71.7	90	69.2	1	W	0.25	4	SSE	72.3	74.4	74.4
7/18/2021	10:15 AM	73.3	73.3	72.3	91	70.5	1	SW	0.25	3	WNW	73.3	75.5	75.5
7/18/2021	10:30 AM	73.8	73.8	73.3	88	70	1	W	0.25	3	NE	73.8	75.9	75.9
7/18/2021	10:45 AM	74	74	73.7	88	70.2	1	NNW	0.25	3	NNW	74	76.2	76.2
7/18/2021	11:00 AM	74.4	74.4	74	86	69.9	1	N	0.25	3	N	74.4	76.7	76.7
7/18/2021	11:15 AM	74.5	74.7	74.4	85	69.7	1	S	0.25	3	NNE	74.5	76.8	76.8
7/18/2021	11:30 AM	75.3	75.3	74.6	85	70.5	1	ENE	0.25	3	ENE	75.3	77.9	77.9
7/18/2021	11:45 AM	76.7	76.9	75.3	81	70.4	1	S	0.25	4	W	76.7	79.4	79.4
7/18/2021	12:00 PM	77.7	77.8	76.6	77	69.9	2	SSW	0.5	5	SSW	77.7	80.5	80.5
7/18/2021	12:15 PM	79	79.1	77.6	76	70.8	2	S	0.5	6	S	79	82.5	82.5
7/18/2021	12:30 PM	77.8	79.1	77.8	76	69.6	1	SW	0.25	4	NW	77.8	80.5	80.5
7/18/2021	12:45 PM	78.5	78.5	77.7	78	71.1	1	W	0.25	4	NW	78.5	81.9	81.9
7/18/2021	1:00 PM	79.7	79.8	78.4	74	70.7	1	WSW	0.25	4	SSE	79.7	83.4	83.4
7/18/2021	1:15 PM	78.4	79.7	78.4	76	70.2	1	SSW	0.25	4	SSW	78.4	81.5	81.5
7/18/2021	1:30 PM	77.5	78.4	77.5	79	70.5	1	S	0.25	6	SSE	77.5	80.4	80.4
7/18/2021	1:45 PM	77.3	77.7	77.3	78	69.9	1	S	0.25	7	S	77.3	80	80
7/18/2021	2:00 PM	76.2	77.3	76.2	83	70.7	2	SW	0.5	5	SSE	76.2	78.8	78.8
7/18/2021	2:15 PM	75.7	76.1	75.6	79	68.7	1	WNW	0.25	4	NW	75.7	77.9	77.9
7/18/2021	2:30 PM	76.4	76.4	75.7	81	70.1	1	S	0.25	3	N	76.4	78.9	78.9
7/18/2021	2:45 PM	77.3	77.3	76.3	79	70.3	1	WNW	0.25	4	NNW	77.3	80.1	80.1
7/18/2021	3:00 PM	79.8	79.8	77.3	80	73.1	2	W	0.5	5	S	79.8	84.6	84.6
7/18/2021	3:15 PM	81.4	81.4	79.8	73	71.9	2	N	0.5	4	N	81.4	86.3	86.3
7/18/2021	3:30 PM	78.2	81.5	78.2	73	68.8	3	N	0.75	11	ENE	78.2	80.7	80.7
7/18/2021	3:45 PM	76.2	78.1	76.2	78	68.8	4	ENE	1	10	ENE	76.2	78.4	78.4
7/18/2021	4:00 PM	74.9	76.1	74.9	83	69.4	2	E	0.5	8	E	74.9	77.2	77.2
7/18/2021	4:15 PM	73.1	74.9	73.1	89	69.7	1	ENE	0.25	4	SSE	73.1	75.2	75.2
7/18/2021	4:30 PM	72.5	73.1	72.5	90	69.4	0	ENE	0	2	ENE	72.5	74.6	74.6
7/18/2021	4:45 PM	71.4	72.5	71.4	92	69	2	ENE	0.5	6	E	71.4	73.7	73.7
7/18/2021	5:00 PM	71.8	71.8	71.4	93	69.7	0	ENE	0	2	WSW	71.8	74.2	74.2
7/18/2021	5:15 PM	71.9	71.9	71.7	92	69.4	1	NE	0.25	3	NE	71.9	74.2	74.2
7/18/2021	5:30 PM	71.8	71.9	71.8	92	69.3	1	NE	0.25	3	NNE	71.8	74.1	74.1
7/18/2021	5:45 PM	71.8	71.9	71.8	89	68.4	1	NE	0.25	2	NE	71.8	73.8	73.8

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/18/2021	8:15 AM	29.763	0	0	0	0.054	82.2	65	69.3	85.8	11.71	0.0711	305	7	100	15
7/18/2021	8:30 AM	29.768	0	0	0	0.055	82.4	65	69.4	86.1	11.7	0.0711	303	7	100	15
7/18/2021	8:45 AM	29.766	0	0	0	0.056	82.4	65	69.4	86.1	11.7	0.0711	303	7	100	15
7/18/2021	9:00 AM	29.768	0	0	0	0.058	82.8	65	69.8	86.8	11.69	0.071	305	7	100	15
7/18/2021	9:15 AM	29.771	0	0	0	0.063	83	65	70	87.2	11.69	0.071	305	7	100	15
7/18/2021	9:30 AM	29.773	0	0	0	0.065	83.4	64	69.9	87.7	11.48	0.0709	303	7	100	15
7/18/2021	9:45 AM	29.77	0	0	0	0.07	83.7	64	70.2	88.2	11.48	0.0709	306	7	100	15
7/18/2021	10:00 AM	29.766	0	0	0	0.076	84.3	64	70.8	89.4	11.46	0.0707	304	7	100	15
7/18/2021	10:15 AM	29.765	0	0	0	0.086	84.9	63	70.9	90.2	11.25	0.0706	305	7	100	15
7/18/2021	10:30 AM	29.763	0	0	0	0.092	85.7	63	71.7	91.8	11.24	0.0705	302	7	100	15
7/18/2021	10:45 AM	29.764	0	0	0	0.094	86	62	71.5	92	11.03	0.0705	302	7	100	15
7/18/2021	11:00 AM	29.761	0	0	0	0.098	86.1	62	71.6	92.2	11.03	0.0704	305	7	100	15
7/18/2021	11:15 AM	29.756	0	0	0	0.099	86.4	62	71.8	92.8	11.02	0.0704	304	7	100	15
7/18/2021	11:30 AM	29.75	0	0	0	0.107	87	61	71.9	93.6	10.87	0.0703	302	7	100	15
7/18/2021	11:45 AM	29.749	0	0	0	0.122	88.2	60	72.6	95.7	10.62	0.0701	305	7	100	15
7/18/2021	12:00 PM	29.744	0	0	0	0.132	89.1	59	72.9	97.2	10.47	0.0699	305	7	100	15
7/18/2021	12:15 PM	29.74	0	0	0	0.146	90.4	57	73.1	99.1	10.05	0.0697	304	7	100	15
7/18/2021	12:30 PM	29.739	0	0	0	0.133	90.3	57	73	98.9	10.05	0.0698	305	7	100	15
7/18/2021	12:45 PM	29.735	0	0	0	0.141	90.4	57	73.1	99.1	10.05	0.0697	304	7	100	15
7/18/2021	1:00 PM	29.731	0	0	0	0.153	91.3	56	73.4	100.6	9.92	0.0696	304	7	100	15
7/18/2021	1:15 PM	29.724	0	0	0	0.14	91.2	56	73.3	100.4	9.93	0.0696	304	7	100	15
7/18/2021	1:30 PM	29.714	0	0	0	0.13	90.5	56	72.7	98.8	9.94	0.0697	306	7	100	15
7/18/2021	1:45 PM	29.717	0	0	0	0.128	90.4	56	72.6	98.6	9.94	0.0697	305	7	100	15
7/18/2021	2:00 PM	29.716	0	0	0	0.117	90	56	72.2	97.7	9.95	0.0698	306	7	100	15
7/18/2021	2:15 PM	29.716	0	0	0	0.111	89.6	55	71.3	96.4	9.76	0.0699	306	7	100	15
7/18/2021	2:30 PM	29.71	0	0	0	0.119	89.5	55	71.2	96.1	9.76	0.0699	304	7	100	15
7/18/2021	2:45 PM	29.699	0	0	0	0.128	89.7	56	71.9	97.1	9.96	0.0698	307	7	100	15
7/18/2021	3:00 PM	29.699	0	0	0	0.154	91.1	56	73.2	100.1	9.93	0.0695	304	7	100	15
7/18/2021	3:15 PM	29.699	0	0	0	0.171	92.5	55	74	102.8	9.65	0.0693	304	7	100	15
7/18/2021	3:30 PM	29.694	0	0	0	0.137	92.7	53	73.1	102	9.34	0.0693	302	7	100	15
7/18/2021	3:45 PM	29.689	0	0	0	0.117	91.6	53	72	99.6	9.39	0.0695	304	7	100	15
7/18/2021	4:00 PM	29.696	0	0	0	0.103	90.4	54	71.5	97.5	9.63	0.0697	306	7	100	15
7/18/2021	4:15 PM	29.689	0.02	0.14	0	0.084	89.1	55	70.8	95.3	9.77	0.0699	305	7	100	15
7/18/2021	4:30 PM	29.691	0	0	0	0.078	88.2	57	71	94.4	10.12	0.07	306	7	100	15
7/18/2021	4:45 PM	29.683	0	0	0	0.067	87.8	57	70.7	93.6	10.14	0.0701	305	7	100	15
7/18/2021	5:00 PM	29.675	0	0	0	0.071	87.2	58	70.6	92.8	10.31	0.0701	305	7	100	15
7/18/2021	5:15 PM	29.683	0	0	0	0.072	86.9	58	70.3	92.2	10.31	0.0702	304	7	100	15
7/18/2021	5:30 PM	29.687	0.02	0.08	0	0.071	86.7	59	70.7	92.2	10.52	0.0702	303	7	100	15
7/18/2021	5:45 PM	29.686	0	0	0	0.071	86.7	59	70.7	92.2	10.52	0.0702	306	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/18/2021	6:00 PM	72	72	71.8	92	69.5	0	ENE	0	2	ENE	72	74.3	74.3
7/18/2021	6:15 PM	72.1	72.2	71.9	90	69	0	NNE	0	2	NNE	72.1	74.2	74.2
7/18/2021	6:30 PM	72.4	72.4	72.1	91	69.6	1	NE	0.25	2	NE	72.4	74.6	74.6
7/18/2021	6:45 PM	73.2	73.2	72.4	91	70.4	1	ENE	0.25	4	NE	73.2	75.4	75.4
7/18/2021	7:00 PM	73.2	73.3	73.2	87	69.1	1	NE	0.25	4	ENE	73.2	75.2	75.2
7/18/2021	7:15 PM	72.4	73.2	72.4	92	69.9	0	E	0	2	E	72.4	74.7	74.7
7/18/2021	7:30 PM	71.8	72.4	71.7	93	69.7	1	ENE	0.25	2	ENE	71.8	74.2	74.2
7/18/2021	7:45 PM	71.5	71.8	71.4	94	69.7	0	ESE	0	1	ESE	71.5	74	74
7/18/2021	8:00 PM	71.2	71.5	71.1	94	69.4	0	ESE	0	1	ESE	71.2	73.7	73.7
7/18/2021	8:15 PM	70.6	71.1	70.6	94	68.8	0	---	0	0	---	70.6	73.1	73.1
7/18/2021	8:30 PM	70.3	70.6	70.3	95	68.8	0	ESE	0	1	ESE	70.3	72.9	72.9
7/18/2021	8:45 PM	70.2	70.4	70.1	96	69	0	SSE	0	2	ESE	70.2	72.9	72.9
7/18/2021	9:00 PM	70.1	70.2	70	96	68.9	0	SSE	0	1	SSE	70.1	72.8	72.8
7/18/2021	9:15 PM	70	70.1	70	96	68.8	0	---	0	0	---	70	72.7	72.7
7/18/2021	9:30 PM	70.1	70.2	69.9	97	69.2	0	SSE	0	2	SSE	70.1	72.8	72.8
7/18/2021	9:45 PM	69.9	70.2	69.8	97	69	0	SSE	0	1	SSE	69.9	72.6	72.6
7/18/2021	10:00 PM	70	70	69.8	97	69.1	1	WNW	0.25	2	WNW	70	72.7	72.7
7/18/2021	10:15 PM	70	70	69.9	97	69.1	0	NW	0	2	WNW	70	72.7	72.7
7/18/2021	10:30 PM	69.9	70	69.7	97	69	1	WSW	0.25	4	W	69.9	72.6	72.6
7/18/2021	10:45 PM	69.7	69.9	69.7	97	68.8	0	W	0	2	W	69.7	72.4	72.4
7/18/2021	11:00 PM	69.6	69.8	69.6	97	68.7	0	W	0	1	W	69.6	72.3	72.3
7/18/2021	11:15 PM	69.6	69.7	69.5	97	68.7	0	S	0	2	W	69.6	72.3	72.3
7/18/2021	11:30 PM	69.6	69.7	69.5	97	68.7	0	S	0	2	S	69.6	72.3	72.3
7/18/2021	11:45 PM	69.5	69.6	69.5	97	68.6	0	WSW	0	1	WSW	69.5	72.2	72.2
7/19/2021	12:00 AM	69.2	69.5	69.2	97	68.3	0	W	0	2	WSW	69.2	71.9	71.9
7/19/2021	12:15 AM	69.2	69.3	69.2	97	68.3	0	SW	0	1	SW	69.2	71.9	71.9
7/19/2021	12:30 AM	68.9	69.2	68.9	97	68	0	SW	0	1	SW	68.9	71.5	71.5
7/19/2021	12:45 AM	68.8	69	68.8	97	67.9	0	---	0	0	---	68.8	71.4	71.4
7/19/2021	1:00 AM	68.9	68.9	68.8	98	68.3	0	SW	0	1	SW	68.9	71.6	71.6
7/19/2021	1:15 AM	68.8	68.9	68.8	98	68.2	0	SW	0	1	SW	68.8	71.5	71.5
7/19/2021	1:30 AM	68.9	69	68.8	98	68.3	0	WSW	0	2	WSW	68.9	71.6	71.6
7/19/2021	1:45 AM	68.8	68.9	68.8	98	68.2	0	WSW	0	1	WSW	68.8	71.5	71.5
7/19/2021	2:00 AM	68.7	68.9	68.7	97	67.8	0	WSW	0	2	WSW	68.7	71.3	71.3
7/19/2021	2:15 AM	68.2	68.7	68.2	94	66.4	1	NNE	0.25	3	NE	68.2	70.3	70.3
7/19/2021	2:30 AM	68	68.2	68	95	66.5	0	NE	0	2	NE	68	70.1	70.1
7/19/2021	2:45 AM	67.6	68	67.6	96	66.4	0	NNE	0	2	NNE	67.6	69.8	69.8
7/19/2021	3:00 AM	67.5	67.7	67.4	95	66	0	NE	0	1	NNE	67.5	69.4	69.4
7/19/2021	3:15 AM	67.2	67.5	67.2	95	65.7	0	NE	0	1	NE	67.2	69.1	69.1
7/19/2021	3:30 AM	66.8	67.2	66.8	96	65.6	0	NE	0	1	NE	66.8	68.7	68.7

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/18/2021	6:00 PM	29.685	0	0	0	0.073	86.5	59	70.5	91.8	10.52	0.0703	304	7	100	15
7/18/2021	6:15 PM	29.688	0	0	0	0.074	86.2	59	70.2	91.3	10.53	0.0703	303	7	100	15
7/18/2021	6:30 PM	29.684	0	0	0	0.077	86.3	60	70.8	91.8	10.7	0.0703	306	7	100	15
7/18/2021	6:45 PM	29.683	0	0	0	0.085	86.3	60	70.8	91.8	10.7	0.0703	304	7	100	15
7/18/2021	7:00 PM	29.688	0	0	0	0.085	86.3	60	70.8	91.8	10.7	0.0703	306	7	100	15
7/18/2021	7:15 PM	29.688	0	0	0	0.077	85.9	61	70.9	91.4	10.91	0.0703	304	7	100	15
7/18/2021	7:30 PM	29.692	0	0	0	0.071	85.5	61	70.5	90.6	10.93	0.0704	305	7	100	15
7/18/2021	7:45 PM	29.695	0	0	0	0.068	85	62	70.5	90	11.05	0.0705	305	7	100	15
7/18/2021	8:00 PM	29.692	0	0	0	0.065	84.6	62	70.1	89.3	11.06	0.0705	303	7	100	15
7/18/2021	8:15 PM	29.686	0	0	0	0.058	84.2	62	69.8	88.5	11.07	0.0706	306	7	100	15
7/18/2021	8:30 PM	29.689	0	0	0	0.055	83.9	62	69.5	88	11.07	0.0707	304	7	100	15
7/18/2021	8:45 PM	29.685	0	0	0	0.054	83.6	63	69.7	87.7	11.28	0.0707	301	7	100	15
7/18/2021	9:00 PM	29.69	0	0	0	0.053	83.4	63	69.5	87.4	11.28	0.0707	306	7	100	15
7/18/2021	9:15 PM	29.681	0	0	0	0.052	83.3	63	69.4	87.2	11.28	0.0707	306	7	100	15
7/18/2021	9:30 PM	29.675	0	0	0	0.053	83.2	64	69.8	87.3	11.49	0.0707	305	7	100	15
7/18/2021	9:45 PM	29.679	0.01	0	0	0.051	83.2	64	69.8	87.3	11.49	0.0707	303	7	100	15
7/18/2021	10:00 PM	29.686	0	0	0	0.052	83.1	64	69.7	87.1	11.49	0.0708	304	7	100	15
7/18/2021	10:15 PM	29.685	0	0	0	0.052	83	64	69.6	86.9	11.49	0.0708	305	7	100	15
7/18/2021	10:30 PM	29.691	0	0	0	0.051	83	64	69.6	86.9	11.49	0.0708	304	7	100	15
7/18/2021	10:45 PM	29.694	0	0	0	0.049	82.9	64	69.5	86.7	11.49	0.0708	306	7	100	15
7/18/2021	11:00 PM	29.696	0	0	0	0.048	82.7	65	69.7	86.7	11.7	0.0708	307	7	100	15
7/18/2021	11:15 PM	29.696	0	0	0	0.048	82.5	65	69.5	86.3	11.7	0.0709	301	7	100	15
7/18/2021	11:30 PM	29.695	0	0	0	0.048	82.5	65	69.5	86.3	11.7	0.0709	306	7	100	15
7/18/2021	11:45 PM	29.698	0	0	0	0.047	82.6	65	69.6	86.5	11.7	0.0709	305	7	100	15
7/19/2021	12:00 AM	29.698	0	0	0	0.044	82.5	65	69.5	86.3	11.7	0.0709	304	7	100	15
7/19/2021	12:15 AM	29.696	0	0	0	0.044	82.3	65	69.4	85.9	11.7	0.0709	303	7	100	15
7/19/2021	12:30 AM	29.697	0	0	0	0.041	82	65	69.1	85.4	11.71	0.071	306	7	100	15
7/19/2021	12:45 AM	29.701	0	0	0	0.04	81.9	65	69	85.2	11.71	0.071	304	7	100	15
7/19/2021	1:00 AM	29.701	0	0	0	0.041	81.8	65	68.9	85.1	11.71	0.071	306	7	100	15
7/19/2021	1:15 AM	29.701	0	0	0	0.04	81.9	65	69	85.2	11.71	0.071	302	7	100	15
7/19/2021	1:30 AM	29.695	0	0	0	0.041	82	65	69.1	85.4	11.71	0.071	306	7	100	15
7/19/2021	1:45 AM	29.689	0	0	0	0.04	81.8	66	69.3	85.3	11.91	0.071	306	7	100	15
7/19/2021	2:00 AM	29.684	0	0	0	0.039	81.7	66	69.2	85.1	11.92	0.071	306	7	100	15
7/19/2021	2:15 AM	29.682	0	0	0	0.033	81.7	65	68.8	84.9	11.72	0.071	306	7	100	15
7/19/2021	2:30 AM	29.674	0	0	0	0.031	81.5	65	68.6	84.6	11.72	0.071	304	7	100	15
7/19/2021	2:45 AM	29.67	0	0	0	0.027	81.3	64	68	84	11.52	0.0711	303	7	100	15
7/19/2021	3:00 AM	29.669	0	0	0	0.026	80.9	65	68	83.6	11.73	0.0711	303	7	100	15
7/19/2021	3:15 AM	29.669	0	0	0	0.023	80.6	65	67.7	83.1	11.74	0.0712	303	7	100	15
7/19/2021	3:30 AM	29.666	0	0	0	0.019	80.3	65	67.5	82.7	11.74	0.0712	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/19/2021	3:45 AM	66.8	66.9	66.7	96	65.6	1	NE	0.25	2	NE	66.8	68.7	68.7
7/19/2021	4:00 AM	66.7	66.8	66.7	96	65.5	0	ENE	0	2	ENE	66.7	68.6	68.6
7/19/2021	4:15 AM	66.6	66.8	66.6	97	65.7	0	N	0	2	NNE	66.6	68.7	68.7
7/19/2021	4:30 AM	66.7	66.7	66.6	97	65.8	0	NE	0	2	N	66.7	68.8	68.8
7/19/2021	4:45 AM	66.7	66.7	66.6	96	65.5	0	NE	0	1	NE	66.7	68.6	68.6
7/19/2021	5:00 AM	66.7	66.7	66.7	96	65.5	1	ENE	0.25	4	ENE	66.7	68.6	68.6
7/19/2021	5:15 AM	66.8	66.8	66.7	96	65.6	1	ENE	0.25	4	ENE	66.8	68.7	68.7
7/19/2021	5:30 AM	66.5	66.8	66.4	96	65.3	2	ENE	0.5	4	ENE	66.5	68.4	68.4
7/19/2021	5:45 AM	66.5	66.6	66.4	96	65.3	2	ENE	0.5	6	NE	66.5	68.4	68.4
7/19/2021	6:00 AM	66.5	66.6	66.4	95	65	1	ENE	0.25	3	ENE	66.5	68.2	68.2
7/19/2021	6:15 AM	66.1	66.5	66.1	96	64.9	0	ENE	0	2	ENE	66.1	67.9	67.9
7/19/2021	6:30 AM	65.6	66.1	65.6	96	64.4	0	E	0	2	E	65.6	67.3	67.3
7/19/2021	6:45 AM	65.3	65.6	65.2	97	64.4	0	SSE	0	2	E	65.3	67.1	67.1
7/19/2021	7:00 AM	65.2	65.3	65.2	97	64.3	0	SSE	0	2	SSE	65.2	67	67
7/19/2021	7:15 AM	65.5	65.5	65.2	98	64.9	0	SSE	0	2	SSE	65.5	67.5	67.5
7/19/2021	7:30 AM	65.9	65.9	65.5	98	65.3	0	---	0	0	---	65.9	68	68
7/19/2021	7:45 AM	66.3	66.3	65.9	97	65.4	0	SSE	0	1	SSE	66.3	68.3	68.3
7/19/2021	8:00 AM	67	67	66.3	95	65.5	0	ESE	0	2	SE	67	68.8	68.8
7/19/2021	8:15 AM	67.6	67.6	67	93	65.5	0	E	0	2	ESE	67.6	69.5	69.5
7/19/2021	8:30 AM	68	68.1	67.6	93	65.9	2	ENE	0.5	4	NNE	68	70	70
7/19/2021	8:45 AM	68.1	68.2	68	92	65.7	2	ENE	0.5	5	NE	68.1	70.1	70.1
7/19/2021	9:00 AM	69	69	68.2	91	66.3	1	NE	0.25	3	NE	69	71.2	71.2
7/19/2021	9:15 AM	69.7	69.7	69	89	66.3	2	ENE	0.5	4	NNW	69.7	71.7	71.7
7/19/2021	9:30 AM	70.1	70.1	69.7	90	67	3	ENE	0.75	6	NE	70.1	72.2	72.2
7/19/2021	9:45 AM	70.8	70.8	70.1	87	66.7	3	NE	0.75	6	NE	70.8	72.7	72.7
7/19/2021	10:00 AM	71.5	71.5	70.8	88	67.8	2	NE	0.5	5	NE	71.5	73.5	73.5
7/19/2021	10:15 AM	72	72.1	71.5	84	66.9	1	ENE	0.25	4	ENE	72	73.7	73.7
7/19/2021	10:30 AM	73.2	73.2	72.1	84	68.1	1	NE	0.25	6	NE	73.2	75.1	75.1
7/19/2021	10:45 AM	73.9	74	73.1	82	68.1	2	NE	0.5	4	ENE	73.9	75.9	75.9
7/19/2021	11:00 AM	73.9	73.9	73.7	84	68.8	1	ENE	0.25	3	E	73.9	75.9	75.9
7/19/2021	11:15 AM	74.9	74.9	73.8	85	70.1	2	ENE	0.5	4	ENE	74.9	77.4	77.4
7/19/2021	11:30 AM	76.4	76.4	75	78	69	2	ENE	0.5	6	ENE	76.4	78.7	78.7
7/19/2021	11:45 AM	77.5	77.5	76.4	80	70.8	1	ENE	0.25	5	NE	77.5	80.5	80.5
7/19/2021	12:00 PM	77.6	78.5	77.5	75	69	2	NE	0.5	6	NE	77.6	80.1	80.1
7/19/2021	12:15 PM	77.3	77.6	76.8	76	69.1	2	ENE	0.5	5	ENE	77.3	79.8	79.8
7/19/2021	12:30 PM	77.2	78.3	77.2	74	68.3	3	ENE	0.75	9	NE	77.2	79.4	79.4
7/19/2021	12:45 PM	77.5	77.5	76.9	76	69.3	3	ENE	0.75	9	NE	77.5	80.1	80.1
7/19/2021	1:00 PM	79.5	79.7	77.6	69	68.4	3	ENE	0.75	10	ENE	79.5	82.1	82.1
7/19/2021	1:15 PM	77.6	79.5	77.5	72	67.9	4	ENE	1	8	ENE	77.6	79.7	79.7

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/19/2021	3:45 AM	29.663	0	0	0	0.019	80.3	65	67.5	82.7	11.74	0.0712	304	7	100	15
7/19/2021	4:00 AM	29.659	0	0	0	0.018	80.1	65	67.3	82.3	11.75	0.0712	303	7	100	15
7/19/2021	4:15 AM	29.656	0.01	0	0	0.017	79.8	65	67	81.9	11.75	0.0713	302	7	100	15
7/19/2021	4:30 AM	29.653	0	0	0	0.018	80	65	67.2	82.2	11.75	0.0712	304	7	100	15
7/19/2021	4:45 AM	29.656	0	0	0	0.018	80	65	67.2	82.2	11.75	0.0712	305	7	100	15
7/19/2021	5:00 AM	29.65	0	0	0	0.018	80	65	67.2	82.2	11.75	0.0712	305	7	100	15
7/19/2021	5:15 AM	29.648	0	0	0	0.019	79.9	65	67.1	82.1	11.75	0.0712	305	7	100	15
7/19/2021	5:30 AM	29.643	0	0	0	0.016	79.8	65	67	81.9	11.75	0.0712	304	7	100	15
7/19/2021	5:45 AM	29.649	0	0	0	0.016	79.6	64	66.3	81.4	11.56	0.0713	304	7	100	15
7/19/2021	6:00 AM	29.652	0	0	0	0.016	79.5	64	66.3	81.3	11.56	0.0713	304	7	100	15
7/19/2021	6:15 AM	29.654	0	0	0	0.011	79.3	65	66.5	81.2	11.76	0.0714	305	7	100	15
7/19/2021	6:30 AM	29.659	0	0	0	0.006	78.9	65	66.1	80.6	11.77	0.0715	304	7	100	15
7/19/2021	6:45 AM	29.667	0	0	0	0.003	78.7	65	65.9	80.3	11.78	0.0715	305	7	100	15
7/19/2021	7:00 AM	29.676	0	0	0	0.002	78.5	65	65.8	80	11.78	0.0716	301	7	100	15
7/19/2021	7:15 AM	29.676	0	0	0	0.005	78.5	65	65.8	80	11.78	0.0716	306	7	100	15
7/19/2021	7:30 AM	29.676	0	0	0	0.009	78.8	65	66	80.4	11.77	0.0715	304	7	100	15
7/19/2021	7:45 AM	29.683	0	0	0	0.014	79.1	65	66.3	80.8	11.77	0.0715	307	7	100	15
7/19/2021	8:00 AM	29.684	0	0	0	0.021	79.5	65	66.7	81.4	11.76	0.0714	302	7	100	15
7/19/2021	8:15 AM	29.681	0	0	0	0.027	79.9	65	67.1	82.1	11.75	0.0713	303	7	100	15
7/19/2021	8:30 AM	29.679	0	0	0	0.031	80.3	65	67.5	82.7	11.74	0.0712	306	7	100	15
7/19/2021	8:45 AM	29.683	0	0	0	0.032	80.5	64	67.2	82.8	11.54	0.0712	304	7	100	15
7/19/2021	9:00 AM	29.688	0	0	0	0.042	81	64	67.7	83.5	11.53	0.0712	307	7	100	15
7/19/2021	9:15 AM	29.689	0	0	0	0.049	81.5	64	68.1	84.3	11.52	0.0711	304	7	100	15
7/19/2021	9:30 AM	29.691	0	0	0	0.053	81.8	63	68	84.6	11.31	0.071	305	7	100	15
7/19/2021	9:45 AM	29.692	0	0	0	0.06	82.2	63	68.3	85.3	11.31	0.071	306	7	100	15
7/19/2021	10:00 AM	29.693	0	0	0	0.068	82.6	63	68.7	86	11.3	0.0709	305	7	100	15
7/19/2021	10:15 AM	29.69	0	0	0	0.073	83.5	62	69.1	87.3	11.08	0.0708	304	7	100	15
7/19/2021	10:30 AM	29.687	0	0	0	0.085	85.2	61	70.2	90	10.94	0.0705	304	7	100	15
7/19/2021	10:45 AM	29.689	0	0	0	0.093	86.6	60	71.1	92.4	10.69	0.0702	304	7	100	15
7/19/2021	11:00 AM	29.687	0	0	0	0.093	86.7	59	70.7	92.2	10.52	0.0702	306	7	100	15
7/19/2021	11:15 AM	29.684	0	0	0	0.103	87.4	59	71.3	93.6	10.5	0.0701	305	7	100	15
7/19/2021	11:30 AM	29.683	0	0	0	0.119	88.8	58	72.1	96.1	10.27	0.0699	307	7	100	15
7/19/2021	11:45 AM	29.68	0	0	0	0.13	89.8	57	72.5	97.8	10.06	0.0697	305	7	100	15
7/19/2021	12:00 PM	29.683	0	0	0	0.131	90.7	56	72.8	99.2	9.94	0.0696	305	7	100	15
7/19/2021	12:15 PM	29.681	0	0	0	0.128	90.4	56	72.6	98.6	9.94	0.0696	304	7	100	15
7/19/2021	12:30 PM	29.678	0	0	0	0.127	91.1	55	72.7	99.5	9.71	0.0695	303	7	100	15
7/19/2021	12:45 PM	29.673	0	0	0	0.13	91	54	72	98.8	9.61	0.0696	304	7	100	15
7/19/2021	1:00 PM	29.671	0	0	0	0.151	92.2	54	73.2	101.5	9.56	0.0693	305	7	100	15
7/19/2021	1:15 PM	29.669	0	0	0	0.131	92	53	72.4	100.4	9.37	0.0694	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/19/2021	1:30 PM	78.5	78.5	77.5	76	70.3	3	ENE	0.75	9	NE	78.5	81.6	81.6
7/19/2021	1:45 PM	80.2	80.6	78.5	69	69.1	3	NE	0.75	9	NNE	80.2	83.3	83.3
7/19/2021	2:00 PM	79.3	80.2	79.3	71	69.1	4	ENE	1	11	NNE	79.3	82.2	82.2
7/19/2021	2:15 PM	79.7	79.9	79	66	67.3	5	NE	1.25	10	E	79.7	81.9	81.9
7/19/2021	2:30 PM	79.7	80	79.7	69	68.6	4	ENE	1	10	NE	79.7	82.4	82.4
7/19/2021	2:45 PM	78.9	79.7	78.8	66	66.6	4	ENE	1	9	NE	78.9	80.7	80.7
7/19/2021	3:00 PM	79.8	79.8	78.9	67	67.9	4	ENE	1	11	NE	79.8	82.3	82.3
7/19/2021	3:15 PM	80.7	80.7	79.6	65	67.8	5	ENE	1.25	12	ENE	80.7	83.2	83.2
7/19/2021	3:30 PM	81.1	81.1	80.6	66	68.7	5	NE	1.25	14	ENE	81.1	84.1	84.1
7/19/2021	3:45 PM	81.8	81.9	81	58	65.6	4	NE	1	11	ENE	81.8	83.6	83.6
7/19/2021	4:00 PM	81.2	82.1	81.2	59	65.5	4	NE	1	11	NE	81.2	82.9	82.9
7/19/2021	4:15 PM	81.1	81.2	80.7	62	66.8	4	ENE	1	11	E	81.1	83.3	83.3
7/19/2021	4:30 PM	80.1	81.1	80	63	66.4	4	ENE	1	10	ENE	80.1	81.9	81.9
7/19/2021	4:45 PM	80	80.1	79.9	62	65.8	3	ENE	0.75	7	NNE	80	81.6	81.6
7/19/2021	5:00 PM	79.2	79.9	79.2	66	66.9	3	NE	0.75	9	NE	79.2	81.2	81.2
7/19/2021	5:15 PM	79.4	79.4	79.1	65	66.6	3	ENE	0.75	9	NNE	79.4	81.3	81.3
7/19/2021	5:30 PM	79.1	79.5	79.1	65	66.3	3	NE	0.75	8	NNE	79.1	80.8	80.8
7/19/2021	5:45 PM	78.5	79.1	78.5	66	66.2	3	ENE	0.75	9	NE	78.5	80.2	80.2
7/19/2021	6:00 PM	79.4	79.4	78.4	66	67	3	NE	0.75	7	N	79.4	81.5	81.5
7/19/2021	6:15 PM	79.9	80.3	79.4	63	66.2	3	NE	0.75	7	NNE	79.9	81.7	81.7
7/19/2021	6:30 PM	79.3	79.9	79.3	65	66.5	2	ENE	0.5	6	NE	79.3	81.2	81.2
7/19/2021	6:45 PM	80.2	80.2	79.2	67	68.2	2	ENE	0.5	3	ENE	80.2	82.9	82.9
7/19/2021	7:00 PM	79.8	80.3	79.8	64	66.5	3	ENE	0.75	6	ENE	79.8	81.7	81.7
7/19/2021	7:15 PM	79.3	79.9	79.3	65	66.5	3	NE	0.75	6	NE	79.3	81.2	81.2
7/19/2021	7:30 PM	78.6	79.4	78.6	66	66.3	2	ENE	0.5	5	NE	78.6	80.3	80.3
7/19/2021	7:45 PM	77.7	78.6	77.7	66	65.4	2	ENE	0.5	4	ENE	77.7	79.1	79.1
7/19/2021	8:00 PM	76.7	77.7	76.7	67	64.9	1	ENE	0.25	3	ENE	76.7	77.9	77.9
7/19/2021	8:15 PM	75.5	76.7	75.5	72	65.8	1	ENE	0.25	2	E	75.5	77	77
7/19/2021	8:30 PM	74.7	75.4	74.6	71	64.7	1	ENE	0.25	4	E	74.7	76	76
7/19/2021	8:45 PM	72.9	74.7	72.9	74	64.1	1	ESE	0.25	2	ESE	72.9	74.1	74.1
7/19/2021	9:00 PM	72.2	73	72.2	77	64.6	1	SSE	0.25	2	SSE	72.2	73.5	73.5
7/19/2021	9:15 PM	71.7	72.2	71.7	79	64.8	0	SSE	0	2	SSE	71.7	73.1	73.1
7/19/2021	9:30 PM	70.8	71.7	70.8	80	64.3	0	E	0	2	SE	70.8	72.3	72.3
7/19/2021	9:45 PM	71	71	70.7	82	65.2	0	E	0	2	E	71	72.6	72.6
7/19/2021	10:00 PM	70.4	71	70.4	83	65	0	E	0	1	E	70.4	72	72
7/19/2021	10:15 PM	70.2	70.4	70.1	82	64.4	0	E	0	1	E	70.2	71.7	71.7
7/19/2021	10:30 PM	69.6	70.2	69.6	83	64.2	0	E	0	1	E	69.6	71.2	71.2
7/19/2021	10:45 PM	69.4	69.6	69.4	85	64.7	0	---	0	0	---	69.4	71.2	71.2
7/19/2021	11:00 PM	69.3	69.4	69.3	86	64.9	0	E	0	1	E	69.3	71.1	71.1

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/19/2021	1:30 PM	29.665	0	0	0	0.141	91.7	53	72.1	99.8	9.38	0.0695	304	7	100	15
7/19/2021	1:45 PM	29.661	0	0	0	0.158	92.8	53	73.2	102.2	9.34	0.0692	304	7	100	15
7/19/2021	2:00 PM	29.657	0	0	0	0.149	92.7	52	72.5	101.4	9.24	0.0693	306	7	100	15
7/19/2021	2:15 PM	29.656	0	0	0	0.153	92.7	51	71.9	100.8	9.1	0.0693	305	7	100	15
7/19/2021	2:30 PM	29.649	0	0	0	0.153	92.7	51	71.9	100.8	9.1	0.0693	305	7	100	15
7/19/2021	2:45 PM	29.644	0	0	0	0.145	92.3	50	71	99.3	8.96	0.0694	307	7	100	15
7/19/2021	3:00 PM	29.642	0	0	0	0.154	92.1	50	70.8	98.9	8.97	0.0694	306	7	100	15
7/19/2021	3:15 PM	29.629	0	0	0	0.164	92.3	50	71	99.3	8.96	0.0694	307	7	100	15
7/19/2021	3:30 PM	29.628	0	0	0	0.168	92.8	49	70.8	99.8	8.79	0.0693	304	7	100	15
7/19/2021	3:45 PM	29.624	0	0	0	0.175	93.2	49	71.2	100.7	8.79	0.0692	303	7	100	15
7/19/2021	4:00 PM	29.622	0	0	0	0.169	93.5	48	70.9	100.8	8.58	0.0692	302	7	100	15
7/19/2021	4:15 PM	29.623	0	0	0	0.168	93.3	47	70.1	99.8	8.45	0.0693	304	7	100	15
7/19/2021	4:30 PM	29.616	0	0	0	0.157	93	47	69.8	99.2	8.45	0.0693	304	7	100	15
7/19/2021	4:45 PM	29.612	0	0	0	0.156	92.9	47	69.7	99	8.45	0.0693	306	7	100	15
7/19/2021	5:00 PM	29.613	0	0	0	0.148	92.6	47	69.4	98.4	8.45	0.0694	305	7	100	15
7/19/2021	5:15 PM	29.612	0	0	0	0.15	92.3	48	69.8	98.3	8.6	0.0694	306	7	100	15
7/19/2021	5:30 PM	29.611	0	0	0	0.147	92.1	48	69.6	97.9	8.61	0.0694	305	7	100	15
7/19/2021	5:45 PM	29.613	0	0	0	0.141	91.7	47	68.6	96.6	8.45	0.0695	305	7	100	15
7/19/2021	6:00 PM	29.614	0	0	0	0.15	91.6	47	68.5	96.4	8.45	0.0696	305	7	100	15
7/19/2021	6:15 PM	29.612	0	0	0	0.155	91.5	47	68.4	96.3	8.45	0.0696	302	7	100	15
7/19/2021	6:30 PM	29.604	0	0	0	0.149	91.2	47	68.2	95.7	8.45	0.0696	304	7	100	15
7/19/2021	6:45 PM	29.603	0	0	0	0.158	90.9	48	68.5	95.6	8.63	0.0696	306	7	100	15
7/19/2021	7:00 PM	29.599	0	0	0	0.154	90.8	48	68.4	95.4	8.63	0.0696	302	7	100	15
7/19/2021	7:15 PM	29.605	0	0	0	0.149	90.5	48	68.1	94.9	8.64	0.0697	302	7	100	15
7/19/2021	7:30 PM	29.606	0	0	0	0.142	90.2	48	67.9	94.3	8.65	0.0698	305	7	100	15
7/19/2021	7:45 PM	29.609	0	0	0	0.132	89.8	49	68.1	94	8.85	0.0698	305	7	100	15
7/19/2021	8:00 PM	29.613	0	0	0	0.122	89.3	49	67.6	93.1	8.85	0.0699	304	7	100	15
7/19/2021	8:15 PM	29.62	0	0	0	0.109	88.5	49	66.9	91.8	8.85	0.0701	306	7	100	15
7/19/2021	8:30 PM	29.624	0	0	0	0.101	87.9	50	66.9	91	9.05	0.0701	305	7	100	15
7/19/2021	8:45 PM	29.63	0	0	0	0.082	86.9	50	66	89.4	9.05	0.0703	303	7	100	15
7/19/2021	9:00 PM	29.635	0	0	0	0.075	86.2	50	65.4	88.3	9.05	0.0705	305	7	100	15
7/19/2021	9:15 PM	29.639	0	0	0	0.07	85.6	51	65.4	87.7	9.24	0.0706	305	7	100	15
7/19/2021	9:30 PM	29.641	0	0	0	0.06	85.3	52	65.7	87.6	9.35	0.0706	305	7	100	15
7/19/2021	9:45 PM	29.645	0	0	0	0.063	85	52	65.4	87.1	9.35	0.0707	305	7	100	15
7/19/2021	10:00 PM	29.643	0	0	0	0.056	84.5	53	65.5	86.6	9.56	0.0707	306	7	100	15
7/19/2021	10:15 PM	29.651	0	0	0	0.054	84.1	53	65.1	86	9.57	0.0708	306	7	100	15
7/19/2021	10:30 PM	29.653	0	0	0	0.048	83.7	54	65.3	85.6	9.75	0.0708	304	7	100	15
7/19/2021	10:45 PM	29.653	0	0	0	0.046	83.4	54	65	85.2	9.75	0.0709	303	7	100	15
7/19/2021	11:00 PM	29.654	0	0	0	0.045	83.2	54	64.8	84.9	9.75	0.0709	305	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/19/2021	11:15 PM	68.9	69.4	68.9	85	64.2	0	E	0	1	E	68.9	70.7	70.7
7/19/2021	11:30 PM	68.2	69	68.2	88	64.5	0	E	0	2	E	68.2	69.9	69.9
7/19/2021	11:45 PM	66.4	68.1	66.4	91	63.7	0	E	0	2	E	66.4	67.9	67.9
7/20/2021	12:00 AM	65.6	66.4	65.6	92	63.2	1	E	0.25	2	E	65.6	66.9	66.9
7/20/2021	12:15 AM	66.7	66.7	65.6	90	63.7	0	E	0	1	E	66.7	68.2	68.2
7/20/2021	12:30 AM	67	67.1	66.6	90	64	0	E	0	1	E	67	68.6	68.6
7/20/2021	12:45 AM	66.5	67	66.5	91	63.8	0	E	0	1	E	66.5	68	68
7/20/2021	1:00 AM	65.3	66.5	65.3	92	62.9	0	E	0	2	E	65.3	66.6	66.6
7/20/2021	1:15 AM	65	65.4	65	93	62.9	0	E	0	1	E	65	66.3	66.3
7/20/2021	1:30 AM	65.3	65.4	64.9	93	63.2	0	E	0	1	E	65.3	66.6	66.6
7/20/2021	1:45 AM	64.9	65.7	64.9	92	62.5	1	E	0.25	3	ENE	64.9	66.1	66.1
7/20/2021	2:00 AM	64.5	64.9	64.3	95	63	1	ENE	0.25	3	ENE	64.5	65.8	65.8
7/20/2021	2:15 AM	64.9	64.9	64.5	94	63.1	1	E	0.25	2	E	64.9	66.2	66.2
7/20/2021	2:30 AM	65.2	65.2	64.8	94	63.4	0	E	0	2	E	65.2	66.6	66.6
7/20/2021	2:45 AM	65.4	65.5	65.2	93	63.3	0	E	0	2	E	65.4	66.8	66.8
7/20/2021	3:00 AM	65.2	65.4	65.2	93	63.1	1	E	0.25	2	E	65.2	66.5	66.5
7/20/2021	3:15 AM	65.2	65.3	65.2	93	63.1	1	E	0.25	2	E	65.2	66.5	66.5
7/20/2021	3:30 AM	65.2	65.2	65.1	94	63.4	0	E	0	2	E	65.2	66.6	66.6
7/20/2021	3:45 AM	65	65.2	65	94	63.2	0	E	0	2	E	65	66.3	66.3
7/20/2021	4:00 AM	65	65.1	64.9	94	63.2	0	---	0	0	---	65	66.3	66.3
7/20/2021	4:15 AM	64.7	65	64.7	94	62.9	0	---	0	0	---	64.7	66	66
7/20/2021	4:30 AM	64.3	64.7	64.3	94	62.5	0	---	0	0	---	64.3	65.5	65.5
7/20/2021	4:45 AM	64.2	64.3	64.1	95	62.7	0	E	0	1	E	64.2	65.4	65.4
7/20/2021	5:00 AM	64.2	64.2	64.1	95	62.7	0	ENE	0	2	ENE	64.2	65.4	65.4
7/20/2021	5:15 AM	64.3	64.3	64.1	95	62.8	1	ENE	0.25	3	NE	64.3	65.6	65.6
7/20/2021	5:30 AM	64.3	64.4	64.3	95	62.8	0	ENE	0	1	ENE	64.3	65.6	65.6
7/20/2021	5:45 AM	64.2	64.4	64.2	95	62.7	0	ENE	0	1	ENE	64.2	65.4	65.4
7/20/2021	6:00 AM	63.7	64.2	63.7	95	62.2	0	ENE	0	2	ENE	63.7	64.8	64.8
7/20/2021	6:15 AM	64	64	63.7	96	62.8	1	ENE	0.25	2	ENE	64	65.3	65.3
7/20/2021	6:30 AM	63.7	64.1	63.7	95	62.2	0	ENE	0	1	ENE	63.7	64.8	64.8
7/20/2021	6:45 AM	63.4	63.8	63.4	96	62.2	0	ENE	0	2	ENE	63.4	64.6	64.6
7/20/2021	7:00 AM	63.6	63.6	63.4	96	62.4	1	ENE	0.25	3	E	63.6	64.9	64.9
7/20/2021	7:15 AM	64	64.1	63.6	95	62.5	1	NE	0.25	4	ENE	64	65.2	65.2
7/20/2021	7:30 AM	64.5	64.5	64	93	62.4	1	ENE	0.25	3	ENE	64.5	65.7	65.7
7/20/2021	7:45 AM	65	65	64.5	92	62.6	1	ENE	0.25	4	NE	65	66.2	66.2
7/20/2021	8:00 AM	66.1	66.1	65	91	63.4	1	NE	0.25	3	NE	66.1	67.5	67.5
7/20/2021	8:15 AM	66.5	66.5	66	91	63.8	1	NE	0.25	3	ESE	66.5	68	68
7/20/2021	8:30 AM	66.9	66.9	66.5	91	64.2	2	NE	0.5	3	ENE	66.9	68.5	68.5
7/20/2021	8:45 AM	67.4	67.5	66.9	89	64	2	ENE	0.5	4	ENE	67.4	69	69

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/19/2021	11:15 PM	29.65	0	0	0	0.041	82.8	55	65	84.5	9.85	0.071	305	7	100	15
7/19/2021	11:30 PM	29.649	0	0	0	0.033	82.4	55	64.6	83.9	9.85	0.071	304	7	100	15
7/19/2021	11:45 PM	29.639	0	0	0	0.015	82	56	64.8	83.5	10.05	0.0711	306	7	100	15
7/20/2021	12:00 AM	29.639	0	0	0	0.006	81.7	56	64.5	83.1	10.05	0.0711	304	7	100	15
7/20/2021	12:15 AM	29.646	0	0	0	0.018	81.3	57	64.6	82.7	10.18	0.0712	303	7	100	15
7/20/2021	12:30 AM	29.651	0	0	0	0.021	81	57	64.3	82.3	10.17	0.0712	304	7	100	15
7/20/2021	12:45 AM	29.649	0	0	0	0.016	80.5	57	63.9	81.6	10.16	0.0713	305	7	100	15
7/20/2021	1:00 AM	29.643	0	0	0	0.003	80.4	58	64.3	81.6	10.35	0.0713	304	7	100	15
7/20/2021	1:15 AM	29.641	0	0	0	0	80	58	63.9	81	10.35	0.0714	304	7	100	15
7/20/2021	1:30 AM	29.634	0	0	0	0.003	79.7	58	63.6	80.6	10.36	0.0714	303	7	100	15
7/20/2021	1:45 AM	29.63	0	0	0.001	0	79.4	59	63.8	80.3	10.57	0.0714	304	7	100	15
7/20/2021	2:00 AM	29.627	0	0	0.005	0	79.2	59	63.6	80.1	10.58	0.0715	303	7	100	15
7/20/2021	2:15 AM	29.622	0	0	0.001	0	79	59	63.4	79.8	10.59	0.0715	306	7	100	15
7/20/2021	2:30 AM	29.623	0	0	0	0.002	78.8	60	63.7	79.7	10.8	0.0715	304	7	100	15
7/20/2021	2:45 AM	29.616	0	0	0	0.004	78.8	60	63.7	79.7	10.8	0.0715	304	7	100	15
7/20/2021	3:00 AM	29.616	0	0	0	0.002	78.6	60	63.6	79.4	10.81	0.0715	305	7	100	15
7/20/2021	3:15 AM	29.614	0	0	0	0.002	78.4	60	63.4	79.2	10.81	0.0716	304	7	100	15
7/20/2021	3:30 AM	29.612	0	0	0	0.002	78.5	61	63.9	79.4	10.98	0.0715	305	7	100	15
7/20/2021	3:45 AM	29.61	0	0	0	0	78.4	61	63.8	79.3	10.98	0.0715	306	7	100	15
7/20/2021	4:00 AM	29.609	0	0	0	0	78.2	61	63.6	79.1	10.99	0.0716	305	7	100	15
7/20/2021	4:15 AM	29.606	0	0	0.003	0	78.1	61	63.6	78.9	10.99	0.0716	306	7	100	15
7/20/2021	4:30 AM	29.601	0	0	0.007	0	77.9	61	63.4	78.7	10.99	0.0716	303	7	100	15
7/20/2021	4:45 AM	29.601	0	0	0.008	0	77.7	62	63.6	78.6	11.2	0.0716	305	7	100	15
7/20/2021	5:00 AM	29.601	0	0	0.008	0	77.6	62	63.5	78.5	11.2	0.0716	304	7	100	15
7/20/2021	5:15 AM	29.603	0	0	0.007	0	77.5	62	63.5	78.3	11.2	0.0716	303	7	100	15
7/20/2021	5:30 AM	29.603	0	0	0.007	0	77.3	62	63.3	78.1	11.2	0.0717	304	7	100	15
7/20/2021	5:45 AM	29.605	0	0	0.008	0	77.2	62	63.2	78	11.21	0.0717	303	7	100	15
7/20/2021	6:00 AM	29.605	0	0	0.014	0	77.2	62	63.2	78	11.21	0.0717	306	7	100	15
7/20/2021	6:15 AM	29.609	0	0	0.01	0	77	62	63	77.7	11.21	0.0717	305	7	100	15
7/20/2021	6:30 AM	29.613	0	0	0.014	0	77	62	63	77.7	11.21	0.0718	306	7	100	15
7/20/2021	6:45 AM	29.613	0	0	0.017	0	76.8	62	62.8	77.5	11.21	0.0718	304	7	100	15
7/20/2021	7:00 AM	29.616	0	0	0.015	0	76.8	63	63.2	77.6	11.41	0.0718	306	7	100	15
7/20/2021	7:15 AM	29.622	0	0	0.01	0	76.8	63	63.2	77.6	11.41	0.0718	304	7	100	15
7/20/2021	7:30 AM	29.62	0	0	0.005	0	76.9	63	63.3	77.7	11.41	0.0718	303	7	100	15
7/20/2021	7:45 AM	29.626	0	0	0	0	77	63	63.4	77.9	11.41	0.0718	305	7	100	15
7/20/2021	8:00 AM	29.63	0	0	0	0.011	77.4	63	63.8	78.3	11.4	0.0717	305	7	100	15
7/20/2021	8:15 AM	29.636	0	0	0	0.016	77.7	63	64.1	78.7	11.4	0.0717	305	7	100	15
7/20/2021	8:30 AM	29.636	0	0	0	0.02	78	63	64.4	79.1	11.39	0.0716	307	7	100	15
7/20/2021	8:45 AM	29.639	0	0	0	0.025	78.4	63	64.8	79.6	11.38	0.0715	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/20/2021	9:00 AM	68	68	67.4	89	64.6	2	ENE	0.5	4	E	68	69.7	69.7
7/20/2021	9:15 AM	68.7	68.7	68	86	64.3	3	ENE	0.75	9	ENE	68.7	70.4	70.4
7/20/2021	9:30 AM	69.3	69.3	68.7	84	64.3	4	ENE	1	9	NE	69.3	71	71
7/20/2021	9:45 AM	70.2	70.2	69.3	83	64.8	3	ENE	0.75	6	NE	70.2	71.8	71.8
7/20/2021	10:00 AM	70.9	70.9	70.2	84	65.8	2	NE	0.5	6	ENE	70.9	72.6	72.6
7/20/2021	10:15 AM	71.6	71.7	70.9	82	65.8	2	NE	0.5	6	NE	71.6	73.2	73.2
7/20/2021	10:30 AM	72.1	72.1	71.6	80	65.6	3	ENE	0.75	6	NE	72.1	73.6	73.6
7/20/2021	10:45 AM	72.7	72.7	72.1	76	64.7	3	ENE	0.75	5	ENE	72.7	74	74
7/20/2021	11:00 AM	73.2	73.2	72.6	74	64.4	3	NE	0.75	7	NNE	73.2	74.5	74.5
7/20/2021	11:15 AM	73.6	73.6	73.2	74	64.8	3	NE	0.75	5	E	73.6	74.9	74.9
7/20/2021	11:30 AM	74.5	74.5	73.6	69	63.7	2	NE	0.5	5	ENE	74.5	75.6	75.6
7/20/2021	11:45 AM	75.9	75.9	74.5	69	65	2	ENE	0.5	4	E	75.9	77.2	77.2
7/20/2021	12:00 PM	77.2	77.2	75.9	62	63.2	2	NE	0.5	4	NE	77.2	78	78
7/20/2021	12:15 PM	78.2	78.2	77.2	57	61.7	1	NE	0.25	5	ENE	78.2	78.7	78.7
7/20/2021	12:30 PM	78	78.3	77.9	58	62	3	NE	0.75	6	NE	78	78.5	78.5
7/20/2021	12:45 PM	78.5	78.5	78	56	61.5	3	NE	0.75	5	NE	78.5	79	79
7/20/2021	1:00 PM	78.9	78.9	78.5	59	63.4	1	ENE	0.25	5	ENE	78.9	79.7	79.7
7/20/2021	1:15 PM	79.1	79.1	78.7	59	63.5	2	NE	0.5	6	NE	79.1	79.9	79.9
7/20/2021	1:30 PM	79	79.2	79	61	64.4	2	ENE	0.5	5	ENE	79	80.1	80.1
7/20/2021	1:45 PM	79.3	79.3	78.9	58	63.2	2	ENE	0.5	6	E	79.3	80.1	80.1
7/20/2021	2:00 PM	80.1	80.1	79.3	56	63	3	NE	0.75	9	NE	80.1	80.9	80.9
7/20/2021	2:15 PM	80.6	80.6	80	60	65.4	3	ENE	0.75	9	NE	80.6	82.1	82.1
7/20/2021	2:30 PM	79.9	80.8	79.9	58	63.8	3	NE	0.75	11	NE	79.9	80.9	80.9
7/20/2021	2:45 PM	80.2	80.2	79.8	59	64.6	3	ENE	0.75	10	NNE	80.2	81.4	81.4
7/20/2021	3:00 PM	80.4	80.4	80	56	63.3	2	NE	0.5	8	ENE	80.4	81.3	81.3
7/20/2021	3:15 PM	81.7	81.8	80.3	55	64	2	NE	0.5	7	E	81.7	82.9	82.9
7/20/2021	3:30 PM	81.4	81.8	81.4	60	66.2	2	ENE	0.5	4	ENE	81.4	83.3	83.3
7/20/2021	3:45 PM	80.5	81.3	80.5	57	63.9	1	ENE	0.25	3	ENE	80.5	81.6	81.6
7/20/2021	4:00 PM	80.5	80.5	80.2	56	63.4	1	ENE	0.25	3	ENE	80.5	81.5	81.5
7/20/2021	4:15 PM	80.9	80.9	80.5	56	63.7	2	ENE	0.5	4	NE	80.9	82	82
7/20/2021	4:30 PM	80.4	80.9	80.4	59	64.8	1	NE	0.25	3	NNE	80.4	81.7	81.7
7/20/2021	4:45 PM	80.7	80.7	80.3	58	64.5	0	NE	0	3	NE	80.7	82	82
7/20/2021	5:00 PM	81.7	81.7	80.7	57	65	0	ENE	0	3	ENE	81.7	83.2	83.2
7/20/2021	5:15 PM	81.4	81.8	81.4	56	64.2	1	S	0.25	3	NNE	81.4	82.7	82.7
7/20/2021	5:30 PM	80.2	81.4	80.1	68	68.7	0	S	0	3	SSE	80.2	83.1	83.1
7/20/2021	5:45 PM	80.1	80.2	80	62	65.9	0	SSW	0	2	S	80.1	81.8	81.8
7/20/2021	6:00 PM	79.8	80.1	79.8	67	67.9	0	SSE	0	2	SW	79.8	82.3	82.3
7/20/2021	6:15 PM	78.8	79.8	78.8	67	66.9	1	S	0.25	4	S	78.8	80.7	80.7
7/20/2021	6:30 PM	78.5	78.8	78.4	69	67.5	0	S	0	2	S	78.5	80.6	80.6

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/20/2021	9:00 AM	29.645	0	0	0	0.031	78.7	63	65	80	11.38	0.0715	304	7	100	15
7/20/2021	9:15 AM	29.645	0	0	0	0.039	79.4	62	65.2	80.8	11.16	0.0714	304	7	100	15
7/20/2021	9:30 AM	29.641	0	0	0	0.045	79.9	62	65.7	81.5	11.15	0.0713	303	7	100	15
7/20/2021	9:45 AM	29.641	0	0	0	0.054	80.6	61	65.9	82.3	10.95	0.0712	305	7	100	15
7/20/2021	10:00 AM	29.638	0	0	0	0.061	81.2	61	66.5	83.2	10.95	0.0711	306	7	100	15
7/20/2021	10:15 AM	29.634	0	0	0	0.069	82	61	67.2	84.4	10.95	0.0709	302	7	100	15
7/20/2021	10:30 AM	29.633	0	0	0	0.074	82.7	60	67.4	85.3	10.75	0.0708	306	7	100	15
7/20/2021	10:45 AM	29.631	0	0	0	0.08	83.4	59	67.6	86.3	10.55	0.0707	304	7	100	15
7/20/2021	11:00 AM	29.631	0	0	0	0.085	83.9	58	67.5	86.9	10.35	0.0706	307	7	100	15
7/20/2021	11:15 AM	29.632	0	0	0	0.09	84.3	57	67.4	87.3	10.24	0.0706	305	7	100	15
7/20/2021	11:30 AM	29.635	0	0	0	0.099	85	56	67.5	88.2	10.05	0.0705	306	7	100	15
7/20/2021	11:45 AM	29.637	0	0	0	0.114	86.1	55	68	89.7	9.83	0.0703	303	7	100	15
7/20/2021	12:00 PM	29.632	0	0	0	0.127	87.3	54	68.6	91.5	9.7	0.0701	304	7	100	15
7/20/2021	12:15 PM	29.634	0	0	0	0.137	88.1	52	68.3	92.2	9.35	0.0701	303	7	100	15
7/20/2021	12:30 PM	29.632	0	0	0	0.135	88.7	51	68.2	92.9	9.18	0.07	305	7	100	15
7/20/2021	12:45 PM	29.629	0	0	0	0.141	89.2	50	68.1	93.4	9.05	0.0699	303	7	100	15
7/20/2021	1:00 PM	29.629	0	0	0	0.145	89.5	50	68.4	93.9	9.05	0.0699	306	7	100	15
7/20/2021	1:15 PM	29.626	0	0	0	0.147	90	49	68.3	94.4	8.85	0.0698	305	7	100	15
7/20/2021	1:30 PM	29.623	0	0	0	0.146	90.4	49	68.6	95.1	8.84	0.0697	306	7	100	15
7/20/2021	1:45 PM	29.625	0	0	0	0.149	90.8	48	68.4	95.4	8.63	0.0697	304	7	100	15
7/20/2021	2:00 PM	29.623	0	0	0	0.157	91.3	48	68.9	96.4	8.62	0.0696	306	7	100	15
7/20/2021	2:15 PM	29.618	0	0	0	0.162	91.8	47	68.7	96.8	8.45	0.0695	304	7	100	15
7/20/2021	2:30 PM	29.616	0	0	0	0.155	92.2	47	69.1	97.6	8.45	0.0695	304	7	100	15
7/20/2021	2:45 PM	29.611	0	0	0	0.158	92.3	46	68.5	97.3	8.3	0.0695	306	7	100	15
7/20/2021	3:00 PM	29.613	0	0	0	0.16	92.1	46	68.3	96.9	8.31	0.0695	304	7	100	15
7/20/2021	3:15 PM	29.609	0	0	0	0.174	92.7	46	68.9	98.1	8.3	0.0694	305	7	100	15
7/20/2021	3:30 PM	29.604	0	0	0	0.171	92.9	45	68.4	97.9	8.15	0.0694	306	7	100	15
7/20/2021	3:45 PM	29.602	0	0	0	0.161	92.4	46	68.6	97.5	8.3	0.0694	302	7	100	15
7/20/2021	4:00 PM	29.596	0	0	0	0.161	92.2	46	68.4	97.1	8.31	0.0694	305	7	100	15
7/20/2021	4:15 PM	29.593	0	0	0	0.166	92.4	46	68.6	97.5	8.3	0.0694	302	7	100	15
7/20/2021	4:30 PM	29.588	0	0	0	0.16	92.2	45	67.8	96.6	8.15	0.0695	303	7	100	15
7/20/2021	4:45 PM	29.582	0	0	0	0.164	91.6	47	68.5	96.4	8.45	0.0695	306	7	100	15
7/20/2021	5:00 PM	29.582	0	0	0	0.174	91.6	47	68.5	96.4	8.45	0.0695	305	7	100	15
7/20/2021	5:15 PM	29.579	0	0	0	0.171	91.5	48	69	96.7	8.62	0.0695	303	7	100	15
7/20/2021	5:30 PM	29.578	0	0	0	0.158	91	49	69.2	96.2	8.83	0.0695	304	7	100	15
7/20/2021	5:45 PM	29.577	0	0	0	0.157	90.9	49	69.1	96.1	8.83	0.0695	305	7	100	15
7/20/2021	6:00 PM	29.579	0	0	0	0.154	90.8	49	69	95.9	8.83	0.0696	307	7	100	15
7/20/2021	6:15 PM	29.578	0	0	0	0.144	90.6	49	68.8	95.5	8.84	0.0696	305	7	100	15
7/20/2021	6:30 PM	29.575	0	0	0	0.141	90.3	49	68.5	94.9	8.84	0.0696	306	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/20/2021	6:45 PM	78.2	78.5	78.2	72	68.4	0	S	0	3	SSE	78.2	80.6	80.6
7/20/2021	7:00 PM	77.9	78.3	77.9	69	66.9	0	WNW	0	2	WNW	77.9	79.7	79.7
7/20/2021	7:15 PM	78.6	78.6	77.9	69	67.6	0	SSW	0	1	SSW	78.6	80.7	80.7
7/20/2021	7:30 PM	78.2	78.7	78.2	67	66.3	1	SSE	0.25	3	S	78.2	79.9	79.9
7/20/2021	7:45 PM	77.2	78.2	77.2	69	66.2	0	S	0	2	S	77.2	78.8	78.8
7/20/2021	8:00 PM	75.9	77.1	75.9	72	66.2	0	SSE	0	2	SSE	75.9	77.5	77.5
7/20/2021	8:15 PM	74.5	75.9	74.5	75	66.1	0	SSE	0	2	SSE	74.5	76.1	76.1
7/20/2021	8:30 PM	72.8	74.5	72.8	77	65.2	0	SSE	0	2	SSE	72.8	74.2	74.2
7/20/2021	8:45 PM	71.7	72.8	71.7	79	64.8	0	SSE	0	2	SSE	71.7	73.1	73.1
7/20/2021	9:00 PM	71	71.7	71	81	64.9	0	SSE	0	1	SSE	71	72.6	72.6
7/20/2021	9:15 PM	70.3	71.1	70.3	83	64.9	0	---	0	0	---	70.3	71.9	71.9
7/20/2021	9:30 PM	69.6	70.3	69.6	86	65.2	0	---	0	0	---	69.6	71.4	71.4
7/20/2021	9:45 PM	69	69.6	69	86	64.6	0	---	0	0	---	69	70.9	70.9
7/20/2021	10:00 PM	68.4	69	68.4	87	64.4	0	SSE	0	1	SSE	68.4	70.1	70.1
7/20/2021	10:15 PM	67.9	68.4	67.9	88	64.2	0	SSE	0	2	SE	67.9	69.5	69.5
7/20/2021	10:30 PM	68.2	68.2	67.9	87	64.2	0	ESE	0	2	ESE	68.2	69.8	69.8
7/20/2021	10:45 PM	68.2	68.3	68.1	87	64.2	0	ESE	0	2	ESE	68.2	69.8	69.8
7/20/2021	11:00 PM	67.2	68.2	67.2	89	63.8	0	---	0	0	---	67.2	68.8	68.8
7/20/2021	11:15 PM	65.5	67.2	65.5	92	63.1	0	ESE	0	1	ESE	65.5	66.8	66.8
7/20/2021	11:30 PM	64.9	65.6	64.9	93	62.8	0	ESE	0	1	ESE	64.9	66.2	66.2
7/20/2021	11:45 PM	64.9	65.1	64.8	94	63.1	0	ESE	0	1	ESE	64.9	66.2	66.2
7/21/2021	12:00 AM	65	65	64.7	94	63.2	0	ESE	0	2	ESE	65	66.3	66.3
7/21/2021	12:15 AM	65.5	65.5	65	93	63.4	0	ESE	0	1	ESE	65.5	66.9	66.9
7/21/2021	12:30 AM	65.4	65.6	65.4	93	63.3	0	SSE	0	2	SE	65.4	66.8	66.8
7/21/2021	12:45 AM	65	65.4	65	93	62.9	0	SSE	0	2	SSE	65	66.3	66.3
7/21/2021	1:00 AM	64.5	65	64.5	94	62.7	0	---	0	0	---	64.5	65.7	65.7
7/21/2021	1:15 AM	64.1	64.5	64	95	62.6	0	---	0	0	---	64.1	65.3	65.3
7/21/2021	1:30 AM	63.8	64.1	63.8	95	62.3	0	ESE	0	2	ESE	63.8	65	65
7/21/2021	1:45 AM	63.9	63.9	63.8	96	62.7	0	ESE	0	1	ESE	63.9	65.2	65.2
7/21/2021	2:00 AM	64	64.1	63.9	94	62.2	0	E	0	3	ENE	64	65.1	65.1
7/21/2021	2:15 AM	63.9	64.1	63.9	94	62.1	0	E	0	1	E	63.9	65	65
7/21/2021	2:30 AM	63.4	63.9	63.4	95	61.9	0	E	0	2	E	63.4	64.5	64.5
7/21/2021	2:45 AM	62.4	63.4	62.4	94	60.7	1	E	0.25	2	E	62.4	63.2	63.2
7/21/2021	3:00 AM	62.1	62.4	62.1	96	60.9	0	E	0	1	E	62.1	63.1	63.1
7/21/2021	3:15 AM	61.7	62.1	61.7	96	60.5	0	E	0	1	E	61.7	62.6	62.6
7/21/2021	3:30 AM	62	62	61.7	97	61.1	0	---	0	0	---	62	63.1	63.1
7/21/2021	3:45 AM	62	62.1	62	97	61.1	0	---	0	0	---	62	63.1	63.1
7/21/2021	4:00 AM	62	62.1	62	97	61.1	0	---	0	0	---	62	63.1	63.1
7/21/2021	4:15 AM	61.8	62.1	61.7	97	60.9	0	E	0	1	E	61.8	62.9	62.9

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/20/2021	6:45 PM	29.577	0	0	0	0.137	90.2	50	69	95.2	9.04	0.0696	304	7	100	15
7/20/2021	7:00 PM	29.578	0	0	0	0.134	89.9	50	68.8	94.6	9.05	0.0697	303	7	100	15
7/20/2021	7:15 PM	29.58	0	0	0	0.142	89.7	51	69.2	94.7	9.16	0.0697	307	7	100	15
7/20/2021	7:30 PM	29.579	0	0	0	0.137	89.6	50	68.5	94.1	9.05	0.0697	306	7	100	15
7/20/2021	7:45 PM	29.583	0	0	0	0.127	89.1	50	68	93.2	9.05	0.0698	305	7	100	15
7/20/2021	8:00 PM	29.589	0	0	0	0.114	88.5	51	68.1	92.5	9.18	0.0699	303	7	100	15
7/20/2021	8:15 PM	29.591	0	0	0	0.099	87.7	51	67.3	91.1	9.2	0.0701	302	7	100	15
7/20/2021	8:30 PM	29.593	0	0	0	0.081	86.7	51	66.4	89.4	9.22	0.0703	305	7	100	15
7/20/2021	8:45 PM	29.592	0	0	0	0.07	85.9	52	66.2	88.5	9.35	0.0704	306	7	100	15
7/20/2021	9:00 PM	29.597	0	0	0	0.063	85.3	52	65.7	87.6	9.35	0.0705	305	7	100	15
7/20/2021	9:15 PM	29.599	0	0	0	0.055	84.8	53	65.8	87.1	9.55	0.0705	303	7	100	15
7/20/2021	9:30 PM	29.6	0	0	0	0.048	84.3	54	65.8	86.5	9.75	0.0706	304	7	100	15
7/20/2021	9:45 PM	29.602	0	0	0	0.042	83.9	54	65.5	85.9	9.75	0.0707	305	7	100	15
7/20/2021	10:00 PM	29.609	0	0	0	0.035	83.5	55	65.6	85.6	9.85	0.0708	305	7	100	15
7/20/2021	10:15 PM	29.612	0	0	0	0.03	83	55	65.2	84.8	9.85	0.0708	305	7	100	15
7/20/2021	10:30 PM	29.615	0	0	0	0.033	82.5	55	64.7	84.1	9.85	0.0709	305	7	100	15
7/20/2021	10:45 PM	29.616	0	0	0	0.033	82.3	56	65	83.9	10.05	0.071	306	7	100	15
7/20/2021	11:00 PM	29.618	0	0	0	0.023	81.7	56	64.5	83.1	10.05	0.0711	307	7	100	15
7/20/2021	11:15 PM	29.618	0	0	0	0.005	81.3	56	64.1	82.5	10.05	0.0711	304	7	100	15
7/20/2021	11:30 PM	29.619	0	0	0.001	0	81	57	64.3	82.3	10.17	0.0712	305	7	100	15
7/20/2021	11:45 PM	29.621	0	0	0.001	0	80.6	57	64	81.7	10.16	0.0712	305	7	100	15
7/21/2021	12:00 AM	29.623	0	0	0	0	80.2	58	64.1	81.3	10.35	0.0713	302	7	100	15
7/21/2021	12:15 AM	29.624	0	0	0	0.005	79.8	58	63.7	80.7	10.36	0.0714	303	7	100	15
7/21/2021	12:30 AM	29.622	0	0	0	0.004	79.6	58	63.5	80.5	10.37	0.0714	303	7	100	15
7/21/2021	12:45 AM	29.625	0	0	0	0	79.1	59	63.5	79.9	10.59	0.0715	305	7	100	15
7/21/2021	1:00 AM	29.622	0	0	0.005	0	78.9	59	63.4	79.7	10.59	0.0715	304	7	100	15
7/21/2021	1:15 AM	29.62	0	0	0.009	0	78.7	60	63.6	79.5	10.8	0.0715	303	7	100	15
7/21/2021	1:30 AM	29.617	0	0	0.013	0	78.4	60	63.4	79.2	10.81	0.0716	304	7	100	15
7/21/2021	1:45 AM	29.62	0	0	0.011	0	78.2	60	63.2	78.9	10.82	0.0716	306	7	100	15
7/21/2021	2:00 AM	29.614	0	0	0.01	0	78	60	63	78.7	10.83	0.0716	302	7	100	15
7/21/2021	2:15 AM	29.61	0	0	0.011	0	77.8	60	62.8	78.5	10.84	0.0717	305	7	100	15
7/21/2021	2:30 AM	29.606	0	0	0.017	0	77.7	61	63.2	78.5	11	0.0716	303	7	100	15
7/21/2021	2:45 AM	29.601	0	0	0.027	0	77.5	60	62.5	78.1	10.85	0.0717	307	7	100	15
7/21/2021	3:00 AM	29.6	0	0	0.03	0	77.1	61	62.6	77.7	11.01	0.0717	304	7	100	15
7/21/2021	3:15 AM	29.599	0	0	0.034	0	76.8	61	62.3	77.4	11.01	0.0718	305	7	100	15
7/21/2021	3:30 AM	29.604	0	0	0.031	0	76.4	61	62	77	11.02	0.0719	305	7	100	15
7/21/2021	3:45 AM	29.606	0	0	0.031	0	76.2	61	61.8	76.8	11.03	0.0719	304	7	100	15
7/21/2021	4:00 AM	29.603	0	0	0.031	0	76	62	62	76.7	11.23	0.0719	304	7	100	15
7/21/2021	4:15 AM	29.602	0	0	0.033	0	75.9	62	61.9	76.6	11.23	0.0719	303	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/21/2021	4:30 AM	61.8	61.8	61.7	97	60.9	0	E	0	1	E	61.8	62.9	62.9
7/21/2021	4:45 AM	61.9	61.9	61.7	97	61	0	E	0	1	E	61.9	63	63
7/21/2021	5:00 AM	61.7	62	61.6	97	60.8	0	---	0	0	---	61.7	62.7	62.7
7/21/2021	5:15 AM	61.1	61.7	61.1	96	60	0	E	0	1	E	61.1	61.9	61.9
7/21/2021	5:30 AM	60.9	61.1	60.8	97	60	0	---	0	0	---	60.9	61.8	61.8
7/21/2021	5:45 AM	61.2	61.2	60.9	97	60.3	0	---	0	0	---	61.2	62.2	62.2
7/21/2021	6:00 AM	61.1	61.2	61	97	60.2	0	---	0	0	---	61.1	62.1	62.1
7/21/2021	6:15 AM	60.1	61.1	60.1	96	59	0	---	0	0	---	60.1	60.8	60.8
7/21/2021	6:30 AM	60.4	60.5	60	98	59.8	0	---	0	0	---	60.4	61.4	61.4
7/21/2021	6:45 AM	60.5	60.7	60.4	97	59.6	0	---	0	0	---	60.5	61.4	61.4
7/21/2021	7:00 AM	60.2	60.5	60.1	97	59.3	0	---	0	0	---	60.2	61	61
7/21/2021	7:15 AM	60.7	60.7	60.1	98	60.1	0	---	0	0	---	60.7	61.7	61.7
7/21/2021	7:30 AM	61.5	61.5	60.7	98	60.9	0	---	0	0	---	61.5	62.6	62.6
7/21/2021	7:45 AM	62	62.1	61.5	98	61.4	0	E	0	1	E	62	63.2	63.2
7/21/2021	8:00 AM	62.6	62.6	62	98	62	0	E	0	1	E	62.6	63.9	63.9
7/21/2021	8:15 AM	63.4	63.4	62.6	98	62.8	0	E	0	1	E	63.4	64.9	64.9
7/21/2021	8:30 AM	64.3	64.3	63.4	95	62.8	0	WNW	0	2	SW	64.3	65.6	65.6
7/21/2021	8:45 AM	64.7	64.7	64.3	94	62.9	0	NNW	0	3	NNW	64.7	66	66
7/21/2021	9:00 AM	65.5	65.5	64.7	94	63.7	0	S	0	2	S	65.5	66.9	66.9
7/21/2021	9:15 AM	66.5	66.5	65.5	91	63.8	0	NW	0	2	WSW	66.5	68	68
7/21/2021	9:30 AM	67.2	67.2	66.5	88	63.5	1	S	0.25	4	S	67.2	68.7	68.7
7/21/2021	9:45 AM	68.1	68.1	67.2	87	64.1	1	W	0.25	3	SSW	68.1	69.7	69.7
7/21/2021	10:00 AM	69	69	68.1	88	65.3	1	W	0.25	3	W	69	71	71
7/21/2021	10:15 AM	69.7	69.8	69	84	64.6	1	WNW	0.25	3	W	69.7	71.3	71.3
7/21/2021	10:30 AM	70.5	70.5	69.8	82	64.7	1	WSW	0.25	8	S	70.5	72	72
7/21/2021	10:45 AM	71.7	71.8	70.5	81	65.6	1	WNW	0.25	4	WNW	71.7	73.3	73.3
7/21/2021	11:00 AM	72.6	72.6	71.8	77	65	1	WNW	0.25	4	NW	72.6	74	74
7/21/2021	11:15 AM	73.5	73.5	72.6	78	66.2	1	SW	0.25	3	S	73.5	75.1	75.1
7/21/2021	11:30 AM	74.4	74.4	73.5	75	66	2	SW	0.5	5	SSE	74.4	76	76
7/21/2021	11:45 AM	76.1	76.1	74.4	74	67.2	1	WSW	0.25	3	NW	76.1	77.9	77.9
7/21/2021	12:00 PM	77	77	76.1	75	68.5	1	WSW	0.25	4	W	77	79.2	79.2
7/21/2021	12:15 PM	78.2	78.3	77.1	72	68.4	1	SW	0.25	5	SSE	78.2	80.6	80.6
7/21/2021	12:30 PM	78.3	78.5	77.9	72	68.5	1	WNW	0.25	4	NNW	78.3	80.7	80.7
7/21/2021	12:45 PM	78.2	78.3	77.8	73	68.8	1	SSE	0.25	7	SSE	78.2	80.7	80.7
7/21/2021	1:00 PM	78.5	78.5	78	72	68.7	2	SSW	0.5	7	SW	78.5	81.1	81.1
7/21/2021	1:15 PM	79	79.4	78.5	71	68.8	2	WNW	0.5	7	S	79	81.7	81.7
7/21/2021	1:30 PM	80	80	78.8	68	68.5	1	W	0.25	6	WNW	80	82.7	82.7
7/21/2021	1:45 PM	79.6	80	79.6	68	68.1	2	NW	0.5	6	NW	79.6	82.1	82.1
7/21/2021	2:00 PM	80.7	80.8	79.5	68	69.2	2	WSW	0.5	5	WSW	80.7	83.9	83.9

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/21/2021	4:30 AM	29.601	0	0	0.033	0	75.8	62	61.8	76.4	11.23	0.0719	305	7	100	15
7/21/2021	4:45 AM	29.605	0	0	0.032	0	75.7	62	61.8	76.3	11.24	0.072	305	7	100	15
7/21/2021	5:00 AM	29.607	0	0	0.034	0	75.5	62	61.6	76.1	11.24	0.072	305	7	100	15
7/21/2021	5:15 AM	29.61	0	0	0.041	0	75.3	62	61.4	75.9	11.24	0.0721	306	7	100	15
7/21/2021	5:30 AM	29.611	0	0	0.043	0	75.2	62	61.3	75.8	11.25	0.0721	303	7	100	15
7/21/2021	5:45 AM	29.615	0	0	0.04	0	75	62	61.1	75.6	11.25	0.0721	304	7	100	15
7/21/2021	6:00 AM	29.615	0	0	0.041	0	74.9	62	61	75.5	11.25	0.0721	306	7	100	15
7/21/2021	6:15 AM	29.622	0	0	0.051	0	74.7	62	60.8	75.3	11.26	0.0722	304	7	100	15
7/21/2021	6:30 AM	29.627	0	0	0.048	0	74.5	62	60.6	75.1	11.26	0.0722	306	7	100	15
7/21/2021	6:45 AM	29.635	0	0	0.047	0	74.5	63	61.1	75.1	11.46	0.0722	305	7	100	15
7/21/2021	7:00 AM	29.644	0	0	0.05	0	74.4	63	61	75	11.46	0.0723	302	7	100	15
7/21/2021	7:15 AM	29.649	0	0	0.045	0	74.3	63	60.9	74.9	11.46	0.0723	304	7	100	15
7/21/2021	7:30 AM	29.654	0	0	0.036	0	74.7	64	61.7	75.4	11.65	0.0722	306	7	100	15
7/21/2021	7:45 AM	29.657	0	0	0.031	0	75	64	62	75.7	11.65	0.0722	302	7	100	15
7/21/2021	8:00 AM	29.664	0	0	0.025	0	75.4	64	62.4	76.2	11.64	0.0721	306	7	100	15
7/21/2021	8:15 AM	29.663	0	0	0.017	0	75.7	64	62.7	76.5	11.64	0.0721	303	7	100	15
7/21/2021	8:30 AM	29.67	0	0	0.007	0	76.1	64	63	76.9	11.63	0.072	306	7	100	15
7/21/2021	8:45 AM	29.674	0	0	0.003	0	76.6	64	63.5	77.5	11.62	0.0719	304	7	100	15
7/21/2021	9:00 AM	29.678	0	0	0	0.005	77.1	64	64	78.1	11.61	0.0719	304	7	100	15
7/21/2021	9:15 AM	29.681	0	0	0	0.016	77.8	64	64.6	78.9	11.59	0.0717	306	7	100	15
7/21/2021	9:30 AM	29.685	0	0	0	0.023	78.6	63	64.9	79.9	11.38	0.0716	303	7	100	15
7/21/2021	9:45 AM	29.684	0	0	0	0.032	79.2	62	65.1	80.5	11.17	0.0715	307	7	100	15
7/21/2021	10:00 AM	29.685	0	0	0	0.042	80	62	65.8	81.6	11.15	0.0714	304	7	100	15
7/21/2021	10:15 AM	29.687	0	0	0	0.049	81	61	66.3	82.9	10.95	0.0712	305	7	100	15
7/21/2021	10:30 AM	29.685	0	0	0	0.057	82.3	60	67	84.7	10.75	0.071	307	7	100	15
7/21/2021	10:45 AM	29.684	0	0	0	0.07	83.5	59	67.7	86.4	10.55	0.0708	305	7	100	15
7/21/2021	11:00 AM	29.683	0	0	0	0.079	84.6	58	68.2	88.1	10.35	0.0706	306	7	100	15
7/21/2021	11:15 AM	29.683	0	0	0	0.089	85.5	57	68.5	89.3	10.23	0.0705	303	7	100	15
7/21/2021	11:30 AM	29.683	0	0	0	0.098	86.4	56	68.8	90.6	10.02	0.0704	302	7	100	15
7/21/2021	11:45 AM	29.685	0	0	0	0.116	87.3	56	69.7	92.3	10	0.0702	305	7	100	15
7/21/2021	12:00 PM	29.685	0	0	0	0.125	88.2	55	70	93.6	9.79	0.0701	303	7	100	15
7/21/2021	12:15 PM	29.683	0	0	0	0.137	89.2	55	70.9	95.5	9.77	0.0699	306	7	100	15
7/21/2021	12:30 PM	29.683	0	0	0	0.139	89.5	54	70.7	95.7	9.66	0.0699	305	7	100	15
7/21/2021	12:45 PM	29.679	0	0	0	0.137	89.8	54	70.9	96.3	9.65	0.0698	305	7	100	15
7/21/2021	1:00 PM	29.675	0	0	0	0.141	90	53	70.6	96.2	9.45	0.0698	305	7	100	15
7/21/2021	1:15 PM	29.669	0	0	0	0.146	90.7	53	71.2	97.7	9.42	0.0696	303	7	100	15
7/21/2021	1:30 PM	29.663	0	0	0	0.156	91.1	53	71.6	98.5	9.41	0.0696	302	7	100	15
7/21/2021	1:45 PM	29.657	0	0	0	0.152	91.5	52	71.4	98.8	9.29	0.0695	303	7	100	15
7/21/2021	2:00 PM	29.655	0	0	0	0.164	91.9	51	71.2	99.1	9.11	0.0695	304	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/21/2021	2:15 PM	81.1	81.2	80.5	65	68.2	2	W	0.5	7	W	81.1	83.9	83.9
7/21/2021	2:30 PM	81.4	81.4	80.9	64	68.1	2	SSW	0.5	5	S	81.4	84.2	84.2
7/21/2021	2:45 PM	81.3	82.2	81.3	63	67.5	2	SSW	0.5	5	SSE	81.3	83.8	83.8
7/21/2021	3:00 PM	81.5	81.7	81.1	64	68.1	2	W	0.5	6	SSE	81.5	84.3	84.3
7/21/2021	3:15 PM	81	81.6	81	64	67.7	2	W	0.5	8	N	81	83.5	83.5
7/21/2021	3:30 PM	82.8	82.8	80.8	64	69.4	1	WSW	0.25	6	W	82.8	86.6	86.6
7/21/2021	3:45 PM	83	83.4	82.8	59	67.2	2	WNW	0.5	7	W	83	85.6	85.6
7/21/2021	4:00 PM	83.8	84	83	59	67.9	2	NW	0.5	8	NNW	83.8	86.9	86.9
7/21/2021	4:15 PM	83.8	83.8	83.1	62	69.4	1	SW	0.25	6	NNW	83.8	87.8	87.8
7/21/2021	4:30 PM	83.2	83.8	83.2	62	68.8	1	NW	0.25	3	NNW	83.2	86.7	86.7
7/21/2021	4:45 PM	82.1	83.3	82.1	59	66.4	1	NW	0.25	5	NW	82.1	84.2	84.2
7/21/2021	5:00 PM	82.2	82.2	81.8	62	67.9	1	SSW	0.25	3	NNW	82.2	85	85
7/21/2021	5:15 PM	83.7	83.7	82	57	66.8	1	WSW	0.25	4	NE	83.7	86.3	86.3
7/21/2021	5:30 PM	84.8	84.9	83.7	54	66.3	2	WSW	0.5	6	W	84.8	87.3	87.3
7/21/2021	5:45 PM	85.1	85.1	84.6	55	67.1	1	NW	0.25	7	W	85.1	88.1	88.1
7/21/2021	6:00 PM	84.1	85.3	84.1	54	65.7	2	NW	0.5	8	WSW	84.1	86.2	86.2
7/21/2021	6:15 PM	84.1	84.3	83.9	57	67.2	2	WNW	0.5	4	NE	84.1	86.9	86.9
7/21/2021	6:30 PM	83.8	84.2	83.8	57	66.9	1	W	0.25	4	NW	83.8	86.5	86.5
7/21/2021	6:45 PM	83.9	83.9	83.7	58	67.5	1	W	0.25	3	WNW	83.9	86.9	86.9
7/21/2021	7:00 PM	83.1	84	83.1	55	65.3	1	W	0.25	3	WNW	83.1	84.9	84.9
7/21/2021	7:15 PM	82.5	83.1	82.4	54	64.2	1	WNW	0.25	4	W	82.5	83.9	83.9
7/21/2021	7:30 PM	81.4	82.5	81.3	57	64.7	1	WNW	0.25	7	WNW	81.4	82.8	82.8
7/21/2021	7:45 PM	80.4	81.3	80.4	59	64.8	0	W	0	3	WSW	80.4	81.7	81.7
7/21/2021	8:00 PM	79.4	80.4	79.4	62	65.2	1	W	0.25	6	W	79.4	80.8	80.8
7/21/2021	8:15 PM	78.5	79.4	78.5	63	64.9	1	NE	0.25	4	NE	78.5	79.7	79.7
7/21/2021	8:30 PM	77.3	78.5	77.3	65	64.6	0	NE	0	3	E	77.3	78.5	78.5
7/21/2021	8:45 PM	76.2	77.3	76.2	67	64.4	0	ENE	0	2	NE	76.2	77.3	77.3
7/21/2021	9:00 PM	76.1	76.2	76	68	64.8	1	ENE	0.25	4	E	76.1	77.3	77.3
7/21/2021	9:15 PM	74.7	76.1	74.7	72	65.1	0	ESE	0	2	E	74.7	76.1	76.1
7/21/2021	9:30 PM	73.5	74.7	73.5	74	64.7	0	E	0	2	E	73.5	74.8	74.8
7/21/2021	9:45 PM	72.5	73.5	72.5	76	64.5	0	E	0	1	E	72.5	73.8	73.8
7/21/2021	10:00 PM	71.8	72.5	71.8	78	64.6	0	E	0	1	E	71.8	73.1	73.1
7/21/2021	10:15 PM	71	71.9	71	80	64.5	0	E	0	1	E	71	72.5	72.5
7/21/2021	10:30 PM	69.7	71	69.7	82	64	0	E	0	1	E	69.7	71.2	71.2
7/21/2021	10:45 PM	69.4	69.7	69.4	82	63.7	0	ENE	0	2	E	69.4	70.9	70.9
7/21/2021	11:00 PM	68.6	69.5	68.6	85	63.9	0	ENE	0	2	ENE	68.6	70.2	70.2
7/21/2021	11:15 PM	68.1	68.6	68.1	85	63.4	0	ENE	0	2	ENE	68.1	69.5	69.5
7/21/2021	11:30 PM	67.6	68.2	67.5	87	63.6	1	ENE	0.25	3	ENE	67.6	69.1	69.1
7/21/2021	11:45 PM	66.8	67.5	66.8	88	63.1	0	ENE	0	2	ENE	66.8	68.2	68.2

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/21/2021	2:15 PM	29.653	0	0	0	0.168	92.5	50	71.2	99.8	8.95	0.0694	303	7	100	15
7/21/2021	2:30 PM	29.648	0	0	0	0.171	92.7	50	71.3	100.2	8.94	0.0693	306	7	100	15
7/21/2021	2:45 PM	29.643	0	0	0	0.17	93.1	49	71.1	100.5	8.79	0.0693	303	7	100	15
7/21/2021	3:00 PM	29.64	0	0	0	0.172	93.2	49	71.2	100.7	8.79	0.0693	305	7	100	15
7/21/2021	3:15 PM	29.639	0	0	0	0.167	93.1	49	71.1	100.5	8.79	0.0693	305	7	100	15
7/21/2021	3:30 PM	29.635	0	0	0	0.185	93.3	48	70.7	100.3	8.58	0.0693	307	7	100	15
7/21/2021	3:45 PM	29.634	0	0	0	0.188	93.9	48	71.2	101.6	8.57	0.0692	305	7	100	15
7/21/2021	4:00 PM	29.631	0	0	0	0.196	94.4	48	71.7	102.7	8.56	0.0691	304	7	100	15
7/21/2021	4:15 PM	29.631	0	0	0	0.196	94.1	47	70.8	101.4	8.45	0.0692	304	7	100	15
7/21/2021	4:30 PM	29.63	0	0	0	0.19	93.9	48	71.2	101.6	8.57	0.0691	305	7	100	15
7/21/2021	4:45 PM	29.629	0	0	0	0.178	93.6	47	70.3	100.4	8.45	0.0692	306	7	100	15
7/21/2021	5:00 PM	29.625	0	0	0	0.179	92.9	48	70.3	99.5	8.59	0.0693	306	7	100	15
7/21/2021	5:15 PM	29.624	0	0	0	0.195	92.9	48	70.3	99.5	8.59	0.0693	304	7	100	15
7/21/2021	5:30 PM	29.624	0	0	0	0.206	93.2	47	70	99.6	8.45	0.0693	305	7	100	15
7/21/2021	5:45 PM	29.622	0	0	0	0.209	93.2	46	69.3	99	8.29	0.0693	304	7	100	15
7/21/2021	6:00 PM	29.622	0	0	0	0.199	93.1	46	69.3	98.8	8.29	0.0694	305	7	100	15
7/21/2021	6:15 PM	29.622	0	0	0	0.199	92.9	46	69.1	98.4	8.29	0.0694	305	7	100	15
7/21/2021	6:30 PM	29.621	0	0	0	0.196	92.6	46	68.8	97.9	8.3	0.0694	305	7	100	15
7/21/2021	6:45 PM	29.62	0	0	0	0.197	92.3	46	68.5	97.3	8.3	0.0695	302	7	100	15
7/21/2021	7:00 PM	29.623	0	0	0	0.189	92	46	68.3	96.7	8.31	0.0695	304	7	100	15
7/21/2021	7:15 PM	29.626	0	0	0	0.182	91.6	46	67.9	96	8.32	0.0696	303	7	100	15
7/21/2021	7:30 PM	29.629	0	0	0	0.171	91.3	46	67.6	95.4	8.32	0.0697	303	7	100	15
7/21/2021	7:45 PM	29.636	0	0	0	0.16	90.8	46	67.2	94.5	8.33	0.0698	307	7	100	15
7/21/2021	8:00 PM	29.641	0	0	0	0.15	90.3	46	66.7	93.6	8.34	0.0699	303	7	100	15
7/21/2021	8:15 PM	29.646	0	0	0	0.141	89.8	46	66.3	92.8	8.35	0.07	305	7	100	15
7/21/2021	8:30 PM	29.65	0	0	0	0.128	89.1	47	66.2	92	8.47	0.0701	303	7	100	15
7/21/2021	8:45 PM	29.657	0	0	0	0.117	88.5	48	66.3	91.4	8.68	0.0702	303	7	100	15
7/21/2021	9:00 PM	29.66	0	0	0	0.116	87.9	47	65.2	90.1	8.49	0.0703	305	7	100	15
7/21/2021	9:15 PM	29.665	0	0	0	0.101	87.2	48	65.1	89.3	8.71	0.0704	305	7	100	15
7/21/2021	9:30 PM	29.667	0	0	0	0.089	86.5	49	65.1	88.5	8.85	0.0705	306	7	100	15
7/21/2021	9:45 PM	29.674	0	0	0	0.078	85.9	50	65.1	87.9	9.05	0.0706	306	7	100	15
7/21/2021	10:00 PM	29.685	0	0	0	0.071	85.4	50	64.6	87.2	9.05	0.0707	305	7	100	15
7/21/2021	10:15 PM	29.69	0	0	0	0.063	84.7	51	64.6	86.4	9.26	0.0708	302	7	100	15
7/21/2021	10:30 PM	29.693	0	0	0	0.049	84.2	51	64.1	85.7	9.27	0.0709	305	7	100	15
7/21/2021	10:45 PM	29.7	0	0	0	0.046	83.7	52	64.2	85.2	9.38	0.071	305	7	100	15
7/21/2021	11:00 PM	29.702	0	0	0	0.037	83.3	52	63.8	84.6	9.38	0.0711	306	7	100	15
7/21/2021	11:15 PM	29.706	0	0	0	0.032	82.8	53	63.9	84.1	9.59	0.0712	304	7	100	15
7/21/2021	11:30 PM	29.707	0	0	0	0.027	82.4	53	63.5	83.6	9.6	0.0712	306	7	100	15
7/21/2021	11:45 PM	29.711	0	0	0	0.019	81.9	54	63.6	83	9.75	0.0713	307	7	100	15

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 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
7/22/2021	12:00 AM	66.5	66.9	66.5	89	63.2	0	ENE	0	2	ENE	66.5	67.9	67.9
7/22/2021	12:15 AM	65.5	66.5	65.5	91	62.8	1	ENE	0.25	2	ENE	65.5	66.8	66.8
7/22/2021	12:30 AM	65.4	65.5	65.3	92	63	1	ENE	0.25	2	ENE	65.4	66.7	66.7
7/22/2021	12:45 AM	66	66	65.4	89	62.7	1	ENE	0.25	2	ENE	66	67.2	67.2
7/22/2021	1:00 AM	66.4	66.4	66	88	62.7	0	ENE	0	1	ENE	66.4	67.7	67.7
7/22/2021	1:15 AM	66	66.4	65.9	89	62.7	0	ENE	0	2	ENE	66	67.2	67.2
7/22/2021	1:30 AM	66	66	65.7	90	63	0	ENE	0	2	ENE	66	67.3	67.3
7/22/2021	1:45 AM	65.9	66.2	65.8	90	62.9	0	ENE	0	1	ENE	65.9	67.2	67.2
7/22/2021	2:00 AM	65.4	65.8	65.4	89	62.1	0	ENE	0	2	ENE	65.4	66.5	66.5
7/22/2021	2:15 AM	64.1	65.4	64.1	91	61.4	1	ENE	0.25	2	ENE	64.1	65.1	65.1
7/22/2021	2:30 AM	63.4	64.1	63.3	94	61.6	1	ENE	0.25	2	ENE	63.4	64.4	64.4
7/22/2021	2:45 AM	63.5	63.6	63.3	93	61.4	0	---	0	0	---	63.5	64.5	64.5
7/22/2021	3:00 AM	63.1	63.5	63.1	93	61	0	ENE	0	2	ENE	63.1	64	64
7/22/2021	3:15 AM	62.6	63.1	62.6	94	60.8	1	ENE	0.25	2	ENE	62.6	63.5	63.5
7/22/2021	3:30 AM	62.6	62.6	62.5	95	61.1	0	ENE	0	1	ENE	62.6	63.5	63.5
7/22/2021	3:45 AM	62.8	62.8	62.5	95	61.3	0	ENE	0	1	ENE	62.8	63.8	63.8
7/22/2021	4:00 AM	62.8	62.9	62.7	95	61.3	0	ENE	0	2	ENE	62.8	63.8	63.8
7/22/2021	4:15 AM	63.2	63.2	62.8	94	61.4	1	E	0.25	3	E	63.2	64.2	64.2
7/22/2021	4:30 AM	63.5	63.5	63.2	93	61.4	1	E	0.25	2	E	63.5	64.5	64.5
7/22/2021	4:45 AM	63.4	63.6	63.4	93	61.3	1	ENE	0.25	2	ENE	63.4	64.4	64.4
7/22/2021	5:00 AM	61.9	63.5	61.9	93	59.9	1	ENE	0.25	2	ENE	61.9	62.6	62.6
7/22/2021	5:15 AM	60.7	61.9	60.7	95	59.3	1	ENE	0.25	3	ENE	60.7	61.4	61.4
7/22/2021	5:30 AM	61.1	61.1	60.6	97	60.2	0	ENE	0	2	ENE	61.1	62.1	62.1
7/22/2021	5:45 AM	61.6	61.6	61.1	97	60.7	0	---	0	0	---	61.6	62.6	62.6
7/22/2021	6:00 AM	61.7	61.8	61.6	96	60.5	0	---	0	0	---	61.7	62.6	62.6
7/22/2021	6:15 AM	60.7	61.8	60.7	95	59.3	0	ENE	0	1	ENE	60.7	61.4	61.4
7/22/2021	6:30 AM	60.5	60.7	60.5	96	59.4	0	ENE	0	2	ENE	60.5	61.3	61.3
7/22/2021	6:45 AM	61.1	61.2	60.5	97	60.2	0	ENE	0	2	ENE	61.1	62.1	62.1
7/22/2021	7:00 AM	61.6	61.6	61.1	97	60.7	0	ENE	0	2	ENE	61.6	62.6	62.6
7/22/2021	7:15 AM	61.9	61.9	61.5	96	60.7	1	ENE	0.25	2	ENE	61.9	62.8	62.8
7/22/2021	7:30 AM	62.2	62.2	61.9	95	60.8	0	E	0	2	E	62.2	63	63
7/22/2021	7:45 AM	62.7	62.7	62.2	95	61.2	0	N	0	1	N	62.7	63.6	63.6
7/22/2021	8:00 AM	63.8	63.8	62.8	93	61.7	1	N	0.25	2	N	63.8	64.8	64.8
7/22/2021	8:15 AM	65	65	63.8	94	63.2	1	N	0.25	2	N	65	66.3	66.3

**ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE**

Date	Time	Bar	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.
7/22/2021	12:00 AM	29.713	0	0	0	0.016	81.5	55	63.8	82.7	9.85	0.0714	303	7	100	15
7/22/2021	12:15 AM	29.715	0	0	0	0.005	81.1	55	63.4	82.1	9.85	0.0714	306	7	100	15
7/22/2021	12:30 AM	29.718	0	0	0	0.004	80.7	56	63.5	81.7	10.05	0.0715	302	7	100	15
7/22/2021	12:45 AM	29.72	0	0	0	0.01	80.5	56	63.4	81.5	10.05	0.0715	304	7	100	15
7/22/2021	1:00 AM	29.722	0	0	0	0.015	80.1	56	63	80.9	10.05	0.0716	307	7	100	15
7/22/2021	1:15 AM	29.718	0	0	0	0.01	79.8	56	62.7	80.6	10.06	0.0717	304	7	100	15
7/22/2021	1:30 AM	29.72	0	0	0	0.01	79.6	57	63	80.4	10.17	0.0717	305	7	100	15
7/22/2021	1:45 AM	29.717	0	0	0	0.009	79.3	57	62.7	80	10.18	0.0717	304	7	100	15
7/22/2021	2:00 AM	29.719	0	0	0	0.004	79.2	57	62.7	79.9	10.18	0.0717	304	7	100	15
7/22/2021	2:15 AM	29.717	0	0	0.009	0	78.9	58	62.9	79.6	10.39	0.0718	305	7	100	15
7/22/2021	2:30 AM	29.718	0	0	0.017	0	78.5	58	62.5	79.1	10.41	0.0718	304	7	100	15
7/22/2021	2:45 AM	29.719	0	0	0.016	0	78.1	58	62.1	78.7	10.43	0.0719	303	7	100	15
7/22/2021	3:00 AM	29.718	0	0	0.02	0	77.8	59	62.3	78.4	10.64	0.0719	304	7	100	15
7/22/2021	3:15 AM	29.72	0	0	0.025	0	77.6	59	62.1	78.1	10.65	0.072	306	7	100	15
7/22/2021	3:30 AM	29.718	0	0	0.025	0	77.3	59	61.9	77.8	10.66	0.072	306	7	100	15
7/22/2021	3:45 AM	29.716	0	0	0.023	0	77.1	59	61.7	77.6	10.67	0.0721	301	7	100	15
7/22/2021	4:00 AM	29.716	0	0	0.023	0	76.9	60	62	77.4	10.87	0.0721	305	7	100	15
7/22/2021	4:15 AM	29.72	0	0	0.019	0	76.7	60	61.8	77.2	10.88	0.0721	305	7	100	15
7/22/2021	4:30 AM	29.724	0	0	0.016	0	76.5	61	62	77.1	11.02	0.0721	305	7	100	15
7/22/2021	4:45 AM	29.722	0	0	0.017	0	76.4	60	61.5	76.9	10.89	0.0722	306	7	100	15
7/22/2021	5:00 AM	29.719	0	0	0.032	0	76.3	60	61.4	76.8	10.9	0.0722	304	7	100	15
7/22/2021	5:15 AM	29.719	0	0	0.045	0	76	60	61.1	76.5	10.91	0.0722	304	7	100	15
7/22/2021	5:30 AM	29.729	0	0	0.041	0	75.7	60	60.8	76.2	10.92	0.0723	304	7	100	15
7/22/2021	5:45 AM	29.732	0	0	0.035	0	75.6	61	61.2	76.1	11.04	0.0723	304	7	100	15
7/22/2021	6:00 AM	29.733	0	0	0.034	0	75.3	61	60.9	75.8	11.04	0.0724	304	7	100	15
7/22/2021	6:15 AM	29.739	0	0	0.045	0	75.2	61	60.8	75.7	11.05	0.0724	304	7	100	15
7/22/2021	6:30 AM	29.739	0	0	0.047	0	75	61	60.6	75.5	11.05	0.0725	306	7	100	15
7/22/2021	6:45 AM	29.743	0	0	0.041	0	74.9	62	61	75.5	11.25	0.0725	305	7	100	15
7/22/2021	7:00 AM	29.747	0	0	0.035	0	74.8	62	60.9	75.4	11.25	0.0725	304	7	100	15
7/22/2021	7:15 AM	29.748	0	0	0.032	0	75	62	61.1	75.6	11.25	0.0725	307	7	100	15
7/22/2021	7:30 AM	29.755	0	0	0.029	0	75.2	62	61.3	75.8	11.25	0.0724	304	7	100	15
7/22/2021	7:45 AM	29.756	0	0	0.024	0	75.4	62	61.5	76	11.24	0.0724	302	7	100	15
7/22/2021	8:00 AM	29.756	0	0	0.013	0	75.6	62	61.7	76.2	11.24	0.0724	304	7	100	15
7/22/2021	8:15 AM	29.76	0	0	0	0	76	62	62	76.7	11.23	0.0723	306	7	100	15

ATTACHMENT 4
WEATHER STATION DATA - JUNE 15 TO JULY 22, 2021
11184 BRISTOL AIR SITE

Notes:

Arc. Int.= Data archive interval

D-D = Degree-day

Dir = Direction

EMC = Equilibrium moisture content

Hi = High

Hum = Humidity

In = Inside

Int. = Interval

ISS Recept = Integrated sensor suite reception (in percent)

Out = Outside

Pt. = Point

Samp = Samples (number of wind data points)

Temp = Temperature (in degrees Fahrenheit)

THW = Temperature, humidity, wind

Wind Tx = Site location number