

Appendix 7-3

Pre-Construction Sound Level Measurement Program

Brookside Solar Project

PRE-CONSTRUCTION SOUND LEVEL MEASUREMENT PROGRAM



Prepared for:

Brookside Solar, LLC
195 Montague Street
14th Floor, Suite 1461
Brooklyn, NY 11201

Prepared by:

Ryan T. Callahan, INCE
Epsilon Associates, Inc.
3 Mill & Main Place, Suite 250
Maynard, MA 01754

December 15, 2021

TABLE OF CONTENTS

1.0	BASELINE SOUND LEVEL MONITORING PROGRAM	1-1
1.1	Sound Level Measurement Locations	1-1
1.1.1	Location 1— Martin Road	1-3
1.1.2	Location 2—Stuart Road	1-4
1.1.3	Location 3 – US Route 11	1-5
1.1.4	Location 4 – Burke County Road	1-6
1.1.5	Location 5 – Malone Chateaugay Road	1-7
1.1.6	Location 6 — US Route 11	1-9
1.2	Sound Level Measurement Instrumentation	1-9
1.3	Meteorological Instrumentation	1-10
1.3.1	Ground Level Winds	1-10
1.3.2	Precipitation, Temperature, and Relative Humidity	1-10
1.4	Low Frequency and Infrasound Monitoring	1-11
2.0	BASELINE SOUND LEVEL MONITORING RESULTS	2-1
2.1	Data Formatting Overview	2-1
2.2	Location 1 – Martin Road	2-2
2.3	Location 2 – Stuart Road	2-2
2.4	Location 3 – US Route 11	2-2
2.5	Location 4 – Burke County Road	2-3
2.6	Location 5 – Malone Chatageaugay Road	2-3
2.10	Location 6 – US Route 11	2-3
3.0	SOUND LEVEL MONITORING SUMMARY	3-1
3.1	Existing Ambient – L90	3-1
3.2	Existing Ambient - Leq	3-1

LIST OF APPENDICES

Appendix A	Windscreen Insertion Loss
Appendix B	Certificates of Sound Level Instrument Calibration
Appendix C	SUNY MesoNet Meteorological Data

LIST OF FIGURES

Figure 1-1	Baseline Sound Monitoring Locations	1-2
Figure 1-2	Location 1 -- Sound Level Meter	1-3
Figure 1-3	Location 1 – Meteorological Tower	1-4
Figure 1-4	Location 2 - Sound Level Meter	1-5
Figure 1-5	Location 3 - Sound Level Meter	1-6
Figure 1-6	Location 4 - Sound Level Meter	1-7
Figure 1-7	Location 5 - Sound Level Meter	1-8
Figure 1-8	Location 5 - Meteorological Tower	1-8
Figure 1-9	Location 6 - Sound Level Meter	1-9
Figure 2-1	Baseline Monitoring Graphical Results – Location 1 (dBA)	2-5
Figure 2-2	Baseline Monitoring Graphical Results – Location 1 (one-third octave band)	2-6
Figure 2-3	Baseline Monitoring Graphical Results – Location 2 (dBA)	2-7
Figure 2-4	Baseline Monitoring Graphical Results – Location 2 (one-third octave band)	2-8
Figure 2-5	Baseline Monitoring Graphical Results – Location 3 (dBA)	2-9
Figure 2-6	Baseline Monitoring Graphical Results – Location 3 (one-third octave band)	2-10
Figure 2-7	Baseline Monitoring Graphical Results – Location 4 (dBA)	2-11
Figure 2-8	Baseline Monitoring Graphical Results – Location 4 (one-third octave band)	2-12
Figure 2-9	Baseline Monitoring Graphical Results – Location 5 (dBA)	2-13
Figure 2-10	Baseline Monitoring Graphical Results – Location 5 (one-third octave band)	2-14
Figure 2-11	Baseline Monitoring Graphical Results – Location 6 (dBA)	2-15
Figure 2-12	Baseline Monitoring Graphical Results – Location 6 (one-third octave band)	2-16

LIST OF TABLES

Table 1-1	GPS Coordinates – Sound Level Measurement Locations	1-1
Table 3-1	Existing Ambient L ₉₀ (dBA) Sound Pressure Level Summary	3-1
Table 3-2	Existing Ambient L _{eq} (dBA) Sound Pressure Level Summary	3-1

1.0 BASELINE SOUND LEVEL MONITORING PROGRAM

To characterize the existing soundscape of the Project area, an ambient (baseline) monitoring program was conducted in accordance with the NYS Office of Renewable Energy (ORES) Section 94-c Section 900-2.8(i) Exhibit 7: Noise and Vibration requirements. This section outlines the methodology and results of the ambient program.

1.1 Sound Level Measurement Locations

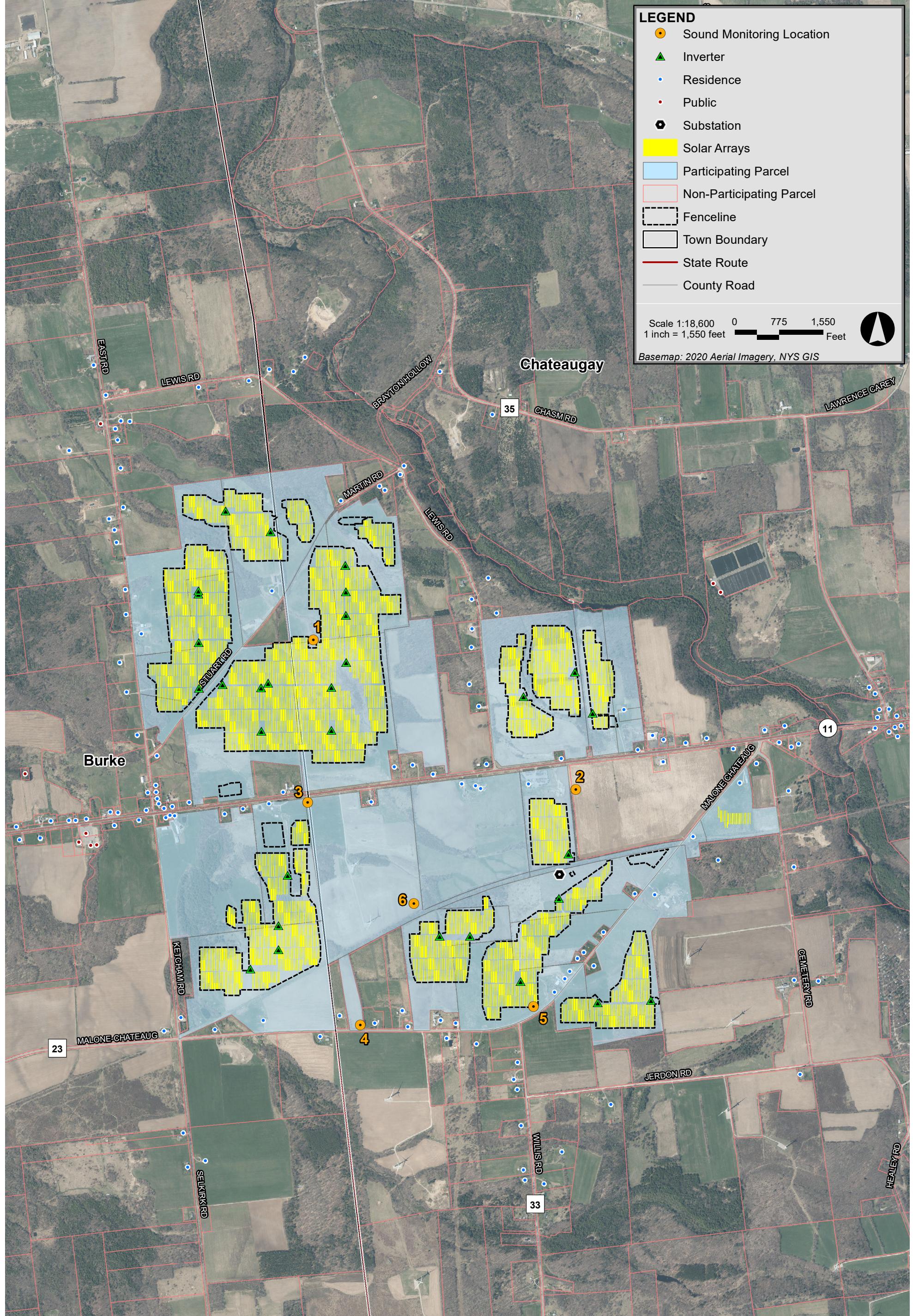
In accordance with ANSI S12.9-1992/Part 2 (R2013), the deterministic spatial sampling technique was used to select measurement locations. In other words, sound monitoring locations were selected to be representative of nearby residences in various directions from the solar project. Thus, the selected locations are representative of potentially impacted receptors. The program was intended to measure total ambient sound in the area which includes all noise sources.

One sound level measurement program was conducted at five (5) of the six (6) locations for approximately eleven (11) days. Location 3 collected “leaf on” sound data for approximately eight (8) days as surrogate due to equipment malfunction during the “leaf off” program. These are both well beyond the minimum requirement of four (4) days for a solar facility in the Section 94-c regulations. Figure 1-1 shows the measurement locations for the measurement program. The ambient measurement locations are representative of the general vicinity of the Project. Each sound level monitoring location is described in the following subsections.

The coordinates for the sound level measurement locations are listed in Table 1-1, which were slightly adjusted as needed from the field-measured Global Positioning System (GPS) points for refined accuracy.

Table 1-1 GPS Coordinates – Sound Level Measurement Locations

Location	Latitude	Longitude
Location 1	44.9300°	-74.1299°
Location 2	44.9227°	-74.1123°
Location 3	44.9222°	-74.1304°
Location 4	44.9115°	-74.1270°
Location 5	44.9123°	-74.1153°
Location 6	44.9173°	-74.1233°



1.1.1 *Location 1— Martin Road*

One continuous programmable, unattended sound level meter was placed near Martin Road in the Town of Chateaugay. The meter was placed approximately 90 feet northwest of the road near an open field. This location is representative of existing sound levels in the northern area of the project site and along Martin Road. Refer to Figure 1-2 for a photo of the monitoring setup.

The meter continuously measured and stored broadband (A-weighted) and one-third octave band sound level statistics from 1:40 p.m. Wednesday, March 11, 2020 until 8:50 a.m. on Sunday, March 22, 2020. In total, 1,555 10-minute measurement periods were recorded during the measurement program.

In addition to sound data collection, continuous ground-level wind speed data were collected at this location. The meteorological equipment setup is shown in Figure 1-3.

Figure 1-2 Location 1 -- Sound Level Meter



Figure 1-3 Location 1 – Meteorological Tower



1.1.2 *Location 2—Stuart Road*

One continuous programmable, unattended sound level meter was placed near Stuart Road in the Town of Burke. The meter was placed approximately 100 feet northwest of the road and is representative of existing sound levels in the western area of the Project Site and along Stuart Road. Refer to Figure 1-4 for a photo of the monitoring setup.

The meter continuously measured and stored broadband (A-weighted) and one-third octave band sound level statistics from 1:10 p.m. Wednesday, March 11, 2020 until 3:40 p.m. on Sunday, March 22, 2020. In total, 1,599 10-minute measurement periods were recorded during the measurement program.

Figure 1-4 Location 2 - Sound Level Meter



1.1.3 *Location 3 – US Route 11*

One continuous programmable, unattended sound level meter was placed near US Route 11 in the Town of Chateaugay. The meter was placed approximately 140 feet south of the road and is representative of existing sound levels in the central area of the Project Site and along US Route 11. Refer to Figure 1-5 for a photo of the monitoring setup.

The meter continuously measured and stored broadband (A-weighted) and one-third octave band sound level statistics from 3:00 p.m. Monday, September 14, 2020 until 11:20 a.m. on Tuesday, September 22, 2020. In total, 1,130 10-minute measurement periods were recorded during the measurement program.

Figure 1-5 Location 3 - Sound Level Meter



1.1.4 *Location 4 – Burke County Road*

One continuous programmable, unattended sound level meter was placed near Burke County Road in the Town of Chateaugay. The meter was placed approximately 90 feet north of the road and is representative of existing sound levels in the southern area of the Project Site and along Burke County Road. Refer to Figure 1-6 for a photo of the monitoring setup.

The meter continuously measured and stored broadband (A-weighted) and one-third octave band sound level statistics from 11:20 a.m. Thursday, March 12, 2020 until 2:50 p.m. on Sunday, March 22, 2020. In total, 1,461 10-minute measurement periods were recorded during the measurement program.

Figure 1-6 Location 4 - Sound Level Meter



1.1.5 *Location 5 – Malone Chateaugay Road*

One continuous programmable, unattended sound level meter was placed along Case Road in the Town of Chateaugay. The meter was placed approximately 120 feet northwest of the road and is representative of existing sound levels in the southeastern area of the Project Site and along Malone Chateaugay Road. Refer to Figure 1-7 for a photo of the monitoring setup.

The meter continuously measured and stored broadband (A-weighted) and one-third octave band sound level statistics from 10:00 a.m. Wednesday, March 11, 2020 until 2:20 p.m. on Sunday, March 22, 2020. In total, 1,610 10-minute measurement periods were recorded during the measurement program.

In addition to sound data collection, continuous ground-level wind speed data were collected at this location. The meteorological equipment setup is shown in Figure 1-8.

Figure 1-7 Location 5 - Sound Level Meter



Figure 1-8 Location 5 - Meteorological Tower



1.1.6 Location 6 — US Route 11

One continuous programmable, unattended sound level meter was placed near US Route 11 in the Town of Chateaugay. The meter was placed approximately 90 feet north of the road and is representative of existing sound levels in the eastern area of the Project Site and along US Route 11. Refer to Figure 1-9 for a photo of the monitoring setup.

The meter continuously measured and stored broadband (A-weighted) and one-third octave band sound level statistics from 12:40 p.m. Wednesday, March 11, 2020 until 7:50 a.m. on Sunday, March 22, 2020. In total, 1,555 10-minute measurement periods were recorded during the measurement program.

Figure 1-9 Location 6 - Sound Level Meter



1.2 Sound Level Measurement Instrumentation

Each of the monitoring locations used either a Larson Davis (LD) model 831¹ sound level meter (SLM) or a Larson Davis model 831C² SLM SLM to measure both A-weighted (dBA) and one third

¹ Noise floor specified in manufacturer's manual with use of PRM831 preamplifier and 377B02 microphone for A-weighted sound pressure levels is 18dBA at a 0dB gain and 17dBA at a 20dB gain. Noise floor specified for Z-weighted sound pressure levels is 23dBA at a 0dB gain and 21dBA at a 20dB gain.

² Noise floor specified in manufacturer's manual with use of PRM831 preamplifier and 377B02 microphone for A-weighted sound pressure levels is 16dBA at a 0dB gain and 16dBA at a 20dB gain. Noise floor specified for Z-weighted sound pressure levels is 23dBA at a 0dB gain and 23dBA at a 20dB gain.

octave bands from 6.3Hz to 20,000Hz. A one-second time history data collection using the “fast” response setting was also implemented. The meters logged data every 10-minutes with statistical data for the L_{eq} and L₉₀ among other parameters.

Each instrument was equipped with a LD PRM 831 preamplifier and a PCB 377B02 along with an environmental protection kit. The kit included a 7-inch open cell foam wind screen to reduce wind-induced noise over the microphone. A peer-reviewed study presenting the windscreens insertion loss data by one-third octave band for each wind screen used in the background monitoring is provided in Appendix A. Since all measured sound level results are presented in terms of ANS weighting (see discussion in section 2.1), frequencies above 1250 Hz are not included, and thus the minor microphone insertion losses at higher frequencies are not relevant.

Microphones were tripod-mounted at a height of approximately five feet (1.5 meters) above ground level in accordance with ANSI S12.9-1992/Part 2 (R2013). Horizontal microphone placements near roadways were in accordance with ANSI S12.9-1992/Part 2 (R2013) for open land.

The LD831 and LD831C meters meet Type 1 ANSI/ASA S1.4, ANSI S1.43-1997 (R2007), and IEC 61672 Class 1 standards for sound level meters and were calibrated and certified as accurate to standards set by the National Institute of Standards and Technology. The octave band filters for all instrumentation meet ANSI S1.11-2004 (R2009). These calibrations were conducted by an independent laboratory within 12 months of field placement and certificates of calibration are provided in Appendix B. All measurement equipment was calibrated in the field before and after the surveys with the manufacturer’s acoustical calibrator which meets the standards of IEC 60942-2003 Class 1L and ANSI/ASA S1.40-2006 (R2016).

1.3 Meteorological Instrumentation

1.3.1 *Ground Level Winds*

Wind speed can have a strong influence on ambient sound levels. In order to understand how the existing sound levels are influenced by wind speed, an ATMOS 22 (Manufactured by The Meter Group) or a HOBO H21-002 micro-weather station (manufactured by Onset Computer Corporation) with tripod and data logger was used to record continuous wind speed data at Location 1 and Location 3.

The ATMOS 22 wind instruments have a measurement range of 0 to 44 m/s (67 mph) and an accuracy of +/- 0.3 m/s (0.7 mph).

The HOBO wind instruments have a measurement range of 0 to 44 m/s (99 mph) or 0 to 76 m/s (170 mph) and an accuracy of +/- 0.5 m/s (1.1 mph) or +/- 1.1 m/s (2.4 mph). The starting threshold is 0.5 m/s (1.1 mph) or ≤1.0 m/s (2.2 mph).

1.3.2 *Precipitation, Temperature, and Relative Humidity*

Precipitation, temperature, and relative humidity data from the New York State Mesonet system were collected during the measurements. The New York State Mesonet consists of 125 state-of-the-art environmental monitoring stations and serves as the foundation of an Early Warning Severe Weather Detection network for the entire State of New York. The New York State Mesonet

was developed by research scientists at the State University of New York (SUNY) at Albany's Atmospheric Sciences Research Center, and Department of Atmospheric and Environmental Sciences. Mesonet sites are distributed statewide with every county across New York having at least one or more sites. The Mesonet collects measurements of several surface and atmospheric variables, such as temperature, relative humidity, wind speed and direction, surface pressure, soil moisture, soil temperature, solar radiation, and precipitation amounts for rainfall and snow accumulation. These data are archived and available to the public.

The Malone Mesonet station is located approximately 10.7 miles southwest from the closest Brookside Solar sound level measurement location. This Mesonet station is the closest to the Project site. The SUNY Mesonet data from the Malone station is provided in Appendix C of this report.

1.4 Low Frequency and Infrasound Monitoring

Although not relevant to solar energy projects, all monitoring locations were equipped to measure existing levels of low frequency and infrasound down to 6.3 Hz for informational purposes.

2.0 BASELINE SOUND LEVEL MONITORING RESULTS

This chapter discusses the results from the detailed ambient (baseline) monitoring program outlined in the previous chapter. Specifically, the logic for data validity, and sound level result descriptions for the monitoring locations are explained.

2.1 Data Formatting Overview

Sound level data were collected in 10-minute intervals³ at six strategically selected locations around the proposed solar energy project. Monitoring periods that experienced elevated ground-level wind speeds or precipitation were excluded from the data analysis per Method #1 in ANSI S12.18-1994. According to this standard, “No sound level measurement shall be made when the average wind velocity exceeds 5 m/s when measured at a height of 2 ± 0.2 m above the ground”. In addition, “Measurement during precipitation [...] is highly discouraged”. Precipitation events identified at the SUNY MesoNet station in Malone, NY defined periods for which sound level data were excluded from the analysis for the measurement program. By convention, daytime is defined as the hours from 7:00 AM through 9:59 PM and nighttime is defined as the hours from 10:00 PM through 6:59 AM.

The sound level equipment used in ambient monitoring have specifications regarding operative ranges under certain air conditions, e.g., temperature and relative humidity.^{4,5} Data from the Malone MesoNet station was additionally referenced for the range exceedances during all measurement timeframes. Sound levels during these exceedances were excluded from further processing.

Intermittent noise was automatically filtered by using the L₉₀ statistic. Seasonal noise was removed from the ambient sound level measurements regardless of season. A high-frequency natural sound (HFNS) filter was applied to the measured one-third octave-band data from which a broadband sound level was calculated for the monitoring period. This technique removes all sound energy above the 1,250 Hertz frequency band. The methodology for the filtration process is as specified in ANSI/ASA S12.100-2014 as required by Section 900-2.8(i) of the Section 94-c regulations. The calculated sound pressure levels presented in Chapter 3 of this report using this methodology are indicated as ANS-weighted levels (presented in dBA). The “as-measured”

³ It should be noted that all sound level instrumentation and ground level meteorological instrumentation were time-synchronized to align the monitoring periods.

⁴ Periods measured outside the temperature range of 14°F to 122°F were considered invalid due to the Larson Davis Model 831 and 831C SLM and specifications.

⁵ Periods measured outside the relative humidity range of 1 to 99% were considered invalid based on microphone specifications. The accuracy of sound levels measured with a Larson Davis Model 831 SLM outside the relative humidity range of 25% to 90% is unknown; however, the data are not considered invalid and are included in the data summaries.

broadband A-weighted (dBA) L_{eq} and L_{90} and one-third octave band ambient sound levels are presented graphically for each location in the following subsections. The one-third octave-band data span the frequencies from 12.5 Hz to 10,000 Hz.

2.2 Location 1 – Martin Road

Sound levels at Location 1 were influenced by vehicular traffic, birds, wind, wind turbines, horses, and occasional aircraft. The measured A-weighted L_{eq} and L_{90} sound pressure levels during the measurement program are presented graphically in Figure 2-1. This figure includes ground-level wind speeds measured at Location 1. Data that were excluded from further analysis due to ground-level winds exceeding 5 m/s measured within the project area, or precipitation or instrumentation operative exceedances as recorded at the Malone MesoNet station, are identified in the figure. A total of 175 10-minute periods were excluded from the measurement analysis. The resulting dataset includes a total of 1380 10-minute periods of valid data.

In addition to broadband sound levels, spectral sound level data were measured during each 10-minute period at Location 1 during the measurement program. Using only valid measurement periods, one-third octave-band data are summarized in Figure 2-2, as logarithmic averages of the equivalent (L_{eq}) sound levels; separated by daytime and nighttime. The “spikes” in the 250 Hz octave band for the daytime and nighttime measurement period were likely due to wind turbine or vehicular traffic activity.

2.3 Location 2 – Stuart Road

Sound levels at Location 2 were influenced by vehicular traffic, birds, wind, and wind turbines. The measured A-weighted L_{eq} and L_{90} sound pressure levels during the measurement program are presented graphically in Figure 2-3. This figure includes ground-level wind speeds measured at Location 1. Data that were excluded from further analysis due to ground-level winds exceeding 5 m/s measured within the project area, or precipitation or instrumentation operative exceedances as recorded at the Malone MesoNet station, are identified in the figure. A total of 175 10-minute periods were excluded from the measurement analysis. The resulting dataset includes a total of 1424 10-minute periods of valid data.

In addition to broadband sound levels, spectral sound level data were measured during each 10-minute period at Location 2 during the measurement program. Using only valid measurement periods, one-third octave-band data are summarized in Figure 2-4, as logarithmic averages of the equivalent (L_{eq}) sound levels; separated by daytime and nighttime. The “spikes” in the 315 Hz octave band for the daytime and nighttime measurement period were likely due to wind turbine or vehicular traffic activity.

2.4 Location 3 – US Route 11

Sound levels at Location 3 were influenced by vehicular traffic, birds, insects, wind, wind turbines, farming equipment, and construction noises. The measured A-weighted L_{eq} and L_{90} sound pressure levels during the measurement program are presented graphically in Figure 2-5. This figure includes ground-level wind speeds measured at Location 1. Data that were excluded from further analysis due to ground-level winds exceeding 5 m/s measured within the project area, or precipitation or instrumentation operative exceedances as recorded at the Malone MesoNet

station, are identified in the figure. A total of 2 10-minute periods were excluded from the measurement analysis. The resulting dataset includes a total of 1128 10-minute periods of valid data.

In addition to broadband sound levels, spectral sound level data were measured during each 10-minute period at Location 3 during the measurement program. Using only valid measurement periods, one-third octave-band data are summarized in Figure 2-6, as logarithmic averages of the equivalent (L_{eq}) sound levels; separated by daytime and nighttime. The “spikes” in the 8,000 Hz octave band for the daytime measurement period were likely due to insect activity.

2.5 Location 4 – Burke County Road

Sound levels at Location 4 were influenced by vehicular traffic, birds, wind, wind turbines, chickens, and construction noises. The measured A-weighted L_{eq} and L_{90} sound pressure levels during the measurement program are presented graphically in Figure 2-7. This figure includes ground-level wind speeds measured at Location 5. Data that were excluded from further analysis due to ground-level winds exceeding 5 m/s measured within the project area, or precipitation or instrumentation operative exceedances as recorded at the Malone MesoNet station, are identified in the figure. A total of 602 10-minute periods were excluded from the measurement analysis. The resulting dataset includes a total of 859 10-minute periods of valid data.

In addition to broadband sound levels, spectral sound level data were measured during each 10-minute period at Location 4 during the measurement program. Using only valid measurement periods, one-third octave-band data are summarized in Figure 2-8, as logarithmic averages of the equivalent (L_{eq}) sound levels; separated by daytime and nighttime.

2.6 Location 5 – Malone Chatageaugay Road

Sound levels at Location 5 were influenced by vehicular traffic, farming equipment, birds, wind, and wind turbines. The measured A-weighted L_{eq} and L_{90} sound pressure levels during the measurement program are presented graphically in Figure 2-9. This figure includes ground-level wind speeds measured at Location 5. Data that were excluded from further analysis due to ground-level winds exceeding 5 m/s measured within the project area, or precipitation or instrumentation operative exceedances as recorded at the Malone MesoNet station, are identified in the figure. A total of 607 10-minute periods were excluded from the measurement analysis. The resulting dataset includes a total of 1,003 10-minute periods of valid data.

In addition to broadband sound levels, spectral sound level data were measured during each 10-minute period at Location 5 during the measurement program. Using only valid measurement periods, one-third octave-band data are summarized in Figure 2-10, as logarithmic averages of the equivalent (L_{eq}) sound levels; separated by daytime and nighttime. The “spike” in the 250 Hz octave band for the nighttime measurement period were likely due to wind turbine or vehicular traffic activity.

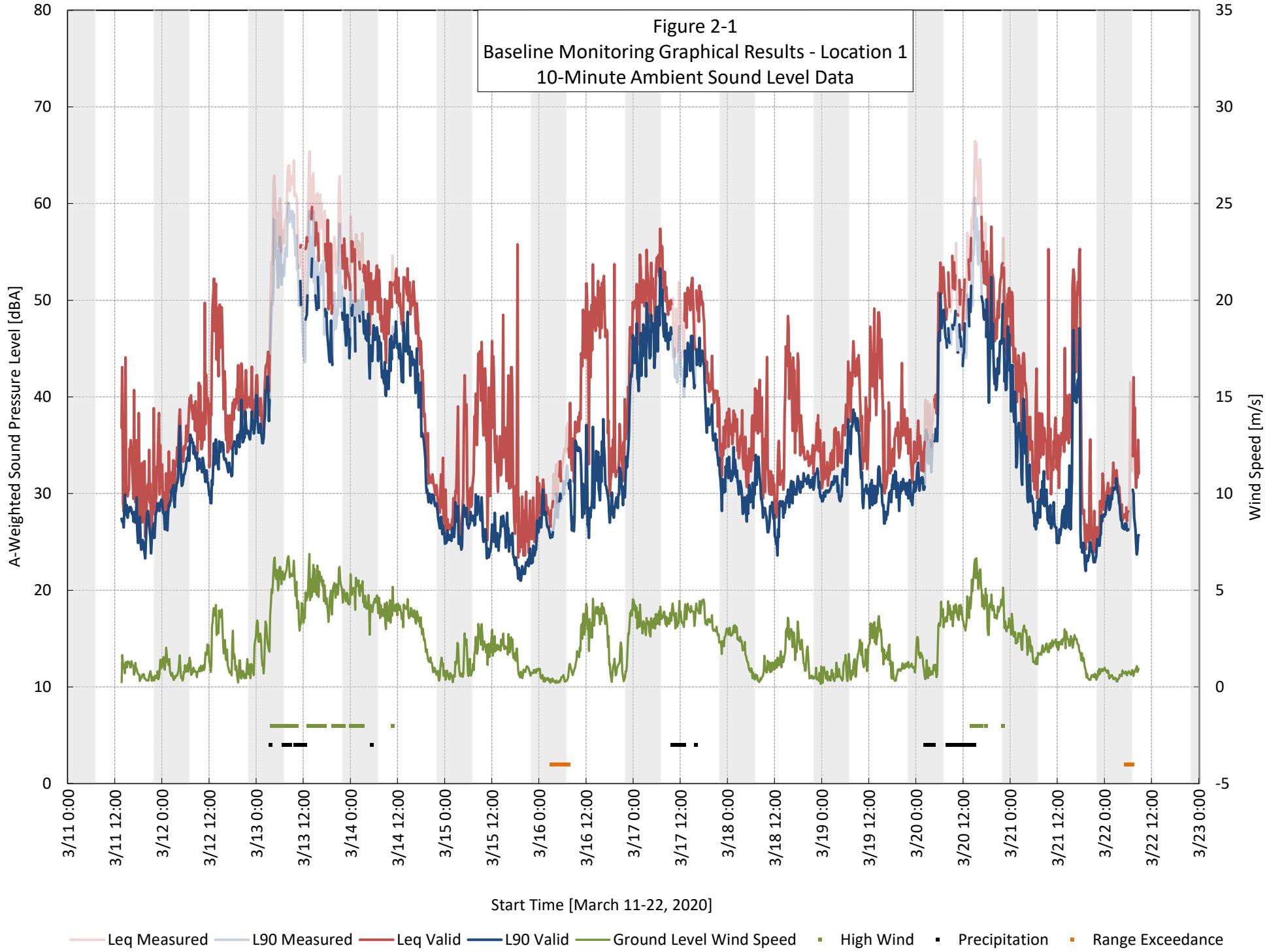
2.7 Location 6 – US Route 11

Sound levels at Location 6 were influenced by vehicular traffic, wind, wind turbines, and a substation. The measured A-weighted L_{eq} and L_{90} sound pressure levels during the measurement

program are presented graphically in Figure 2-11. This figure includes ground-level wind speeds measured at Location 5. Data that were excluded from further analysis due to ground-level winds exceeding 5 m/s measured within the project area, or precipitation or instrumentation operative exceedances as recorded at the Malone MesoNet station, are identified in the figure. A total of 607 10-minute periods were excluded from the measurement analysis. The resulting dataset includes a total of 948 10-minute periods of valid data.

In addition to broadband sound levels, spectral sound level data were measured during each 10-minute period at Location 6 during the measurement program. Using only valid measurement periods, one-third octave-band data are summarized in Figure 2-12, as logarithmic averages of the equivalent (L_{eq}) sound levels; separated by daytime and nighttime.

Figure 2-1
Baseline Monitoring Graphical Results - Location 1
10-Minute Ambient Sound Level Data



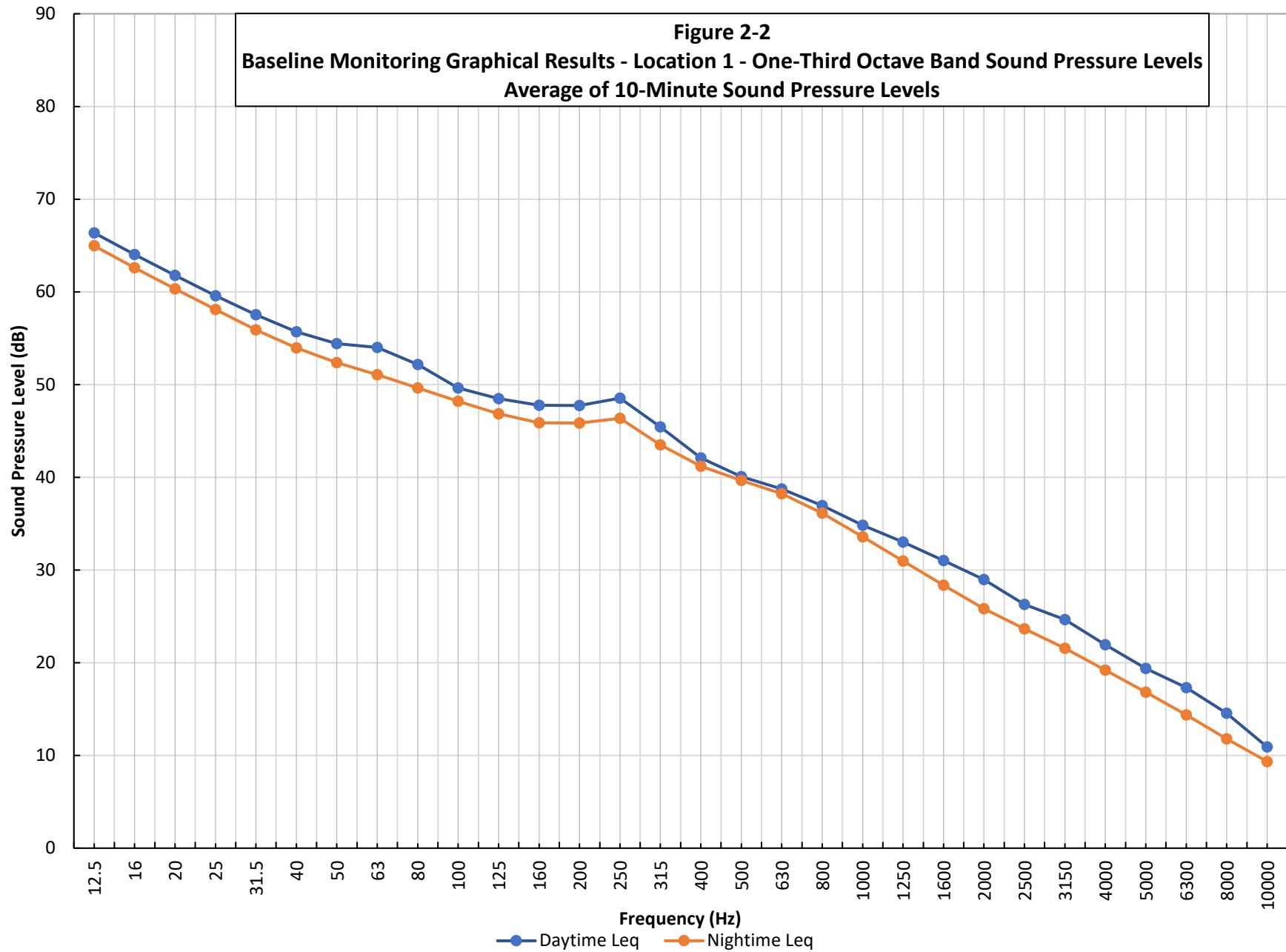
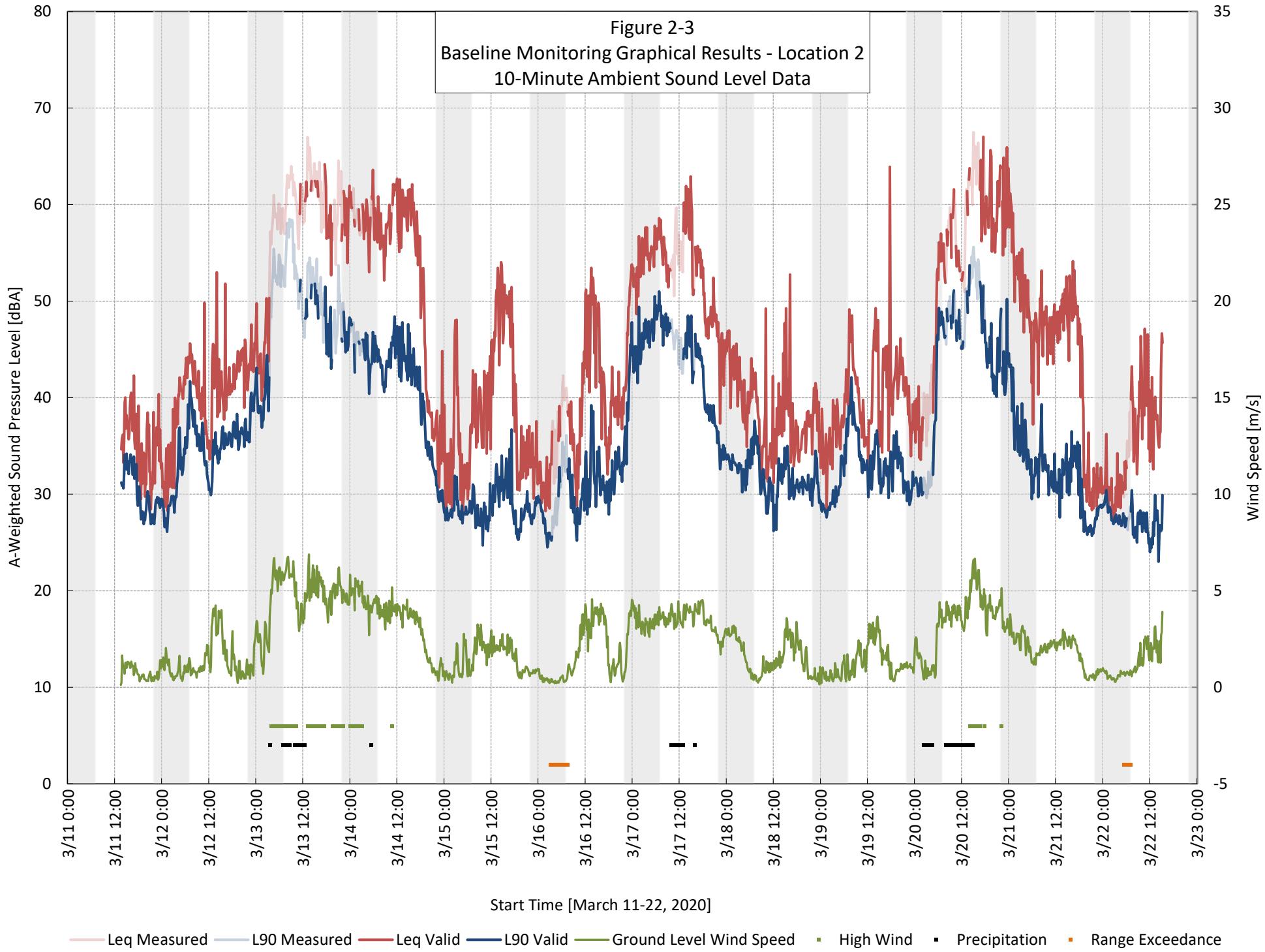


Figure 2-3
Baseline Monitoring Graphical Results - Location 2
10-Minute Ambient Sound Level Data



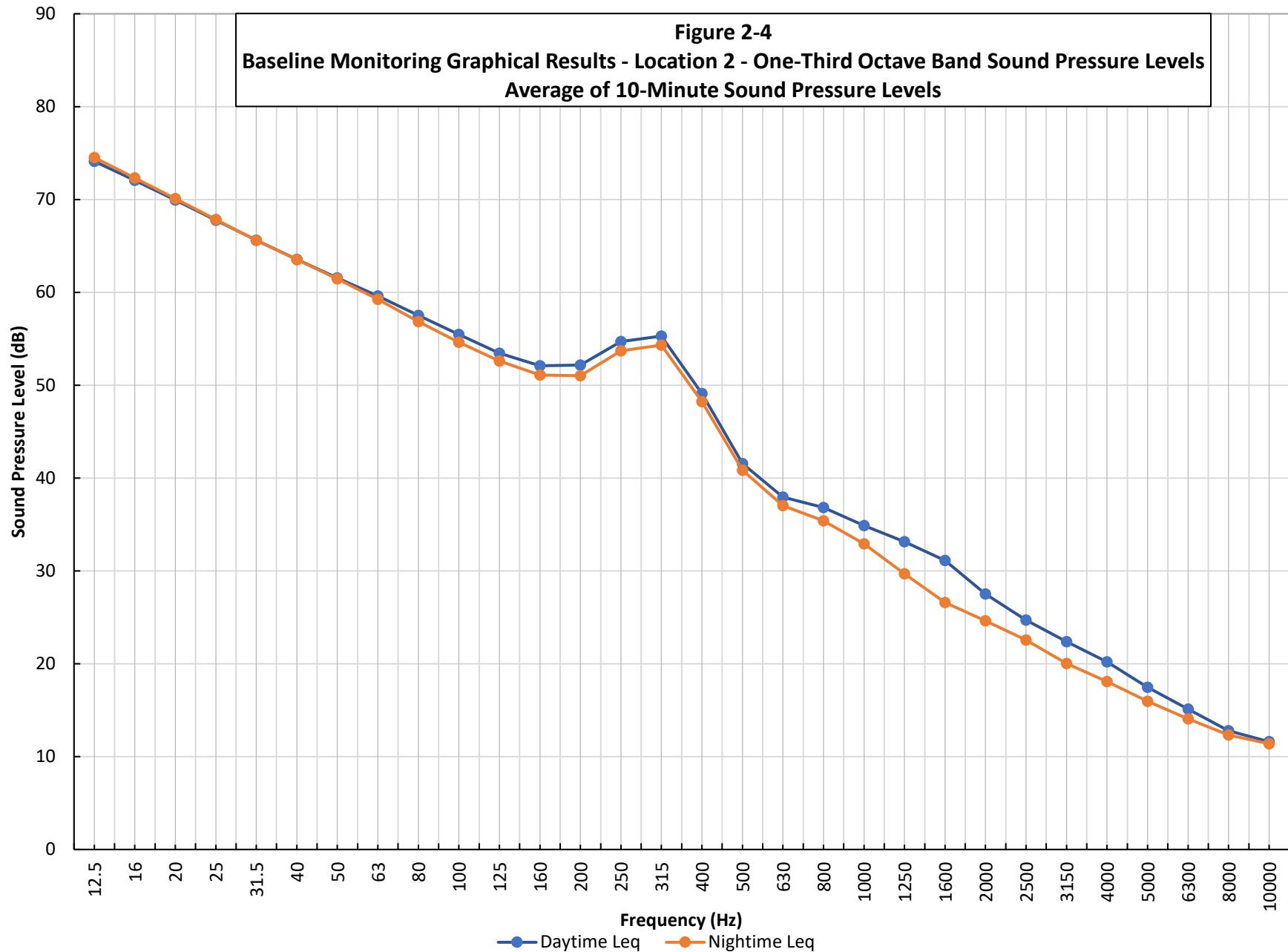
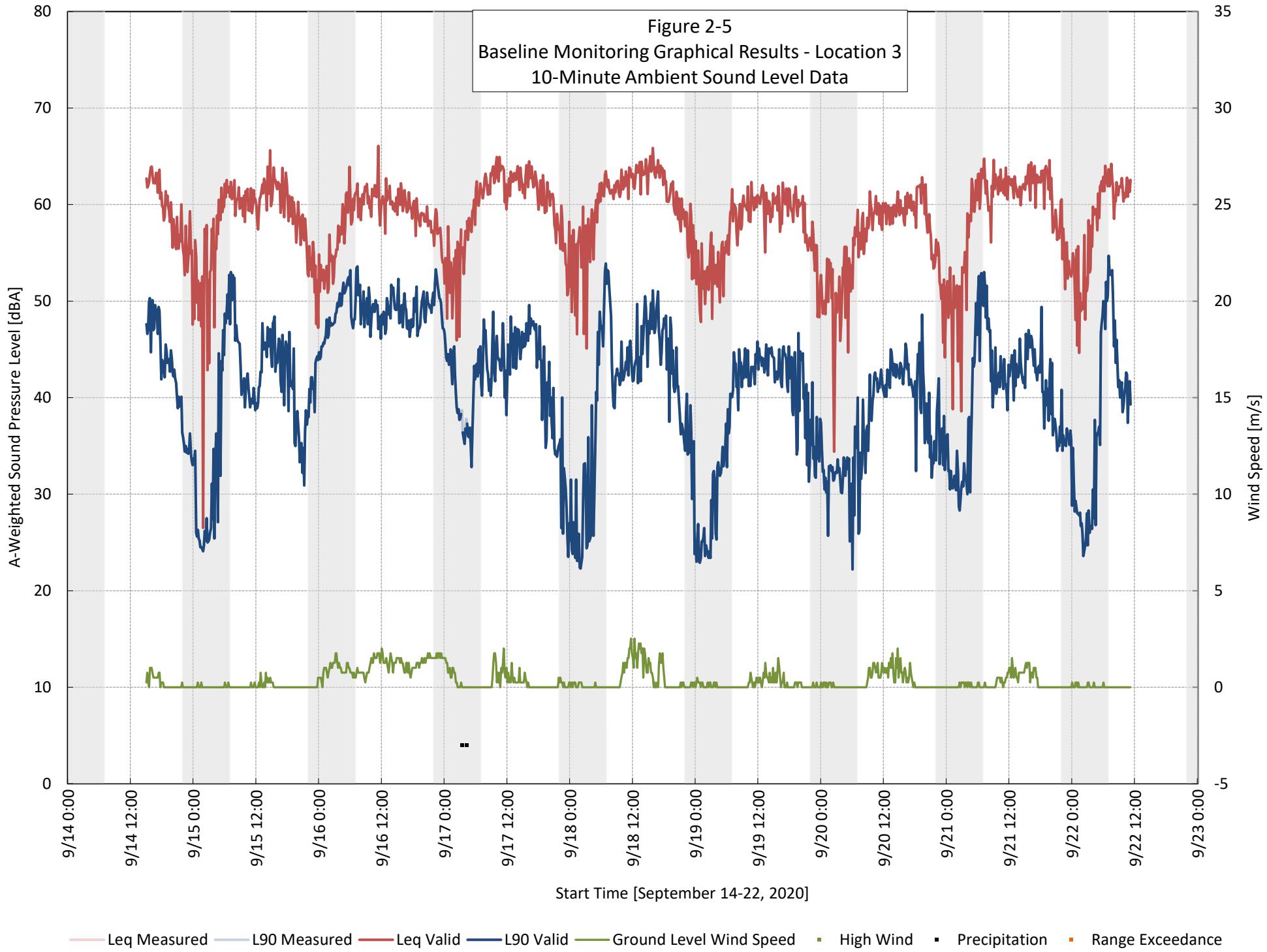
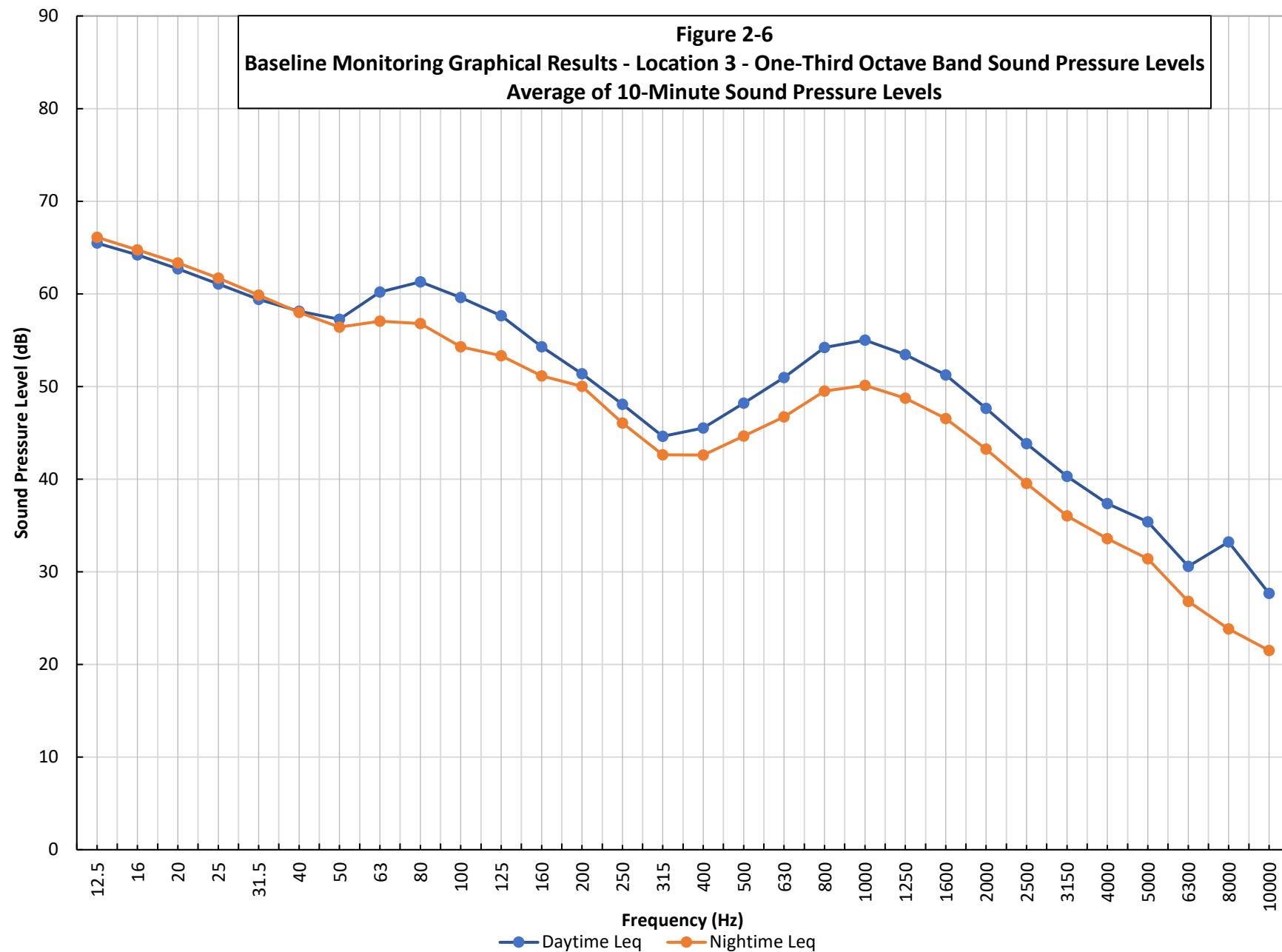
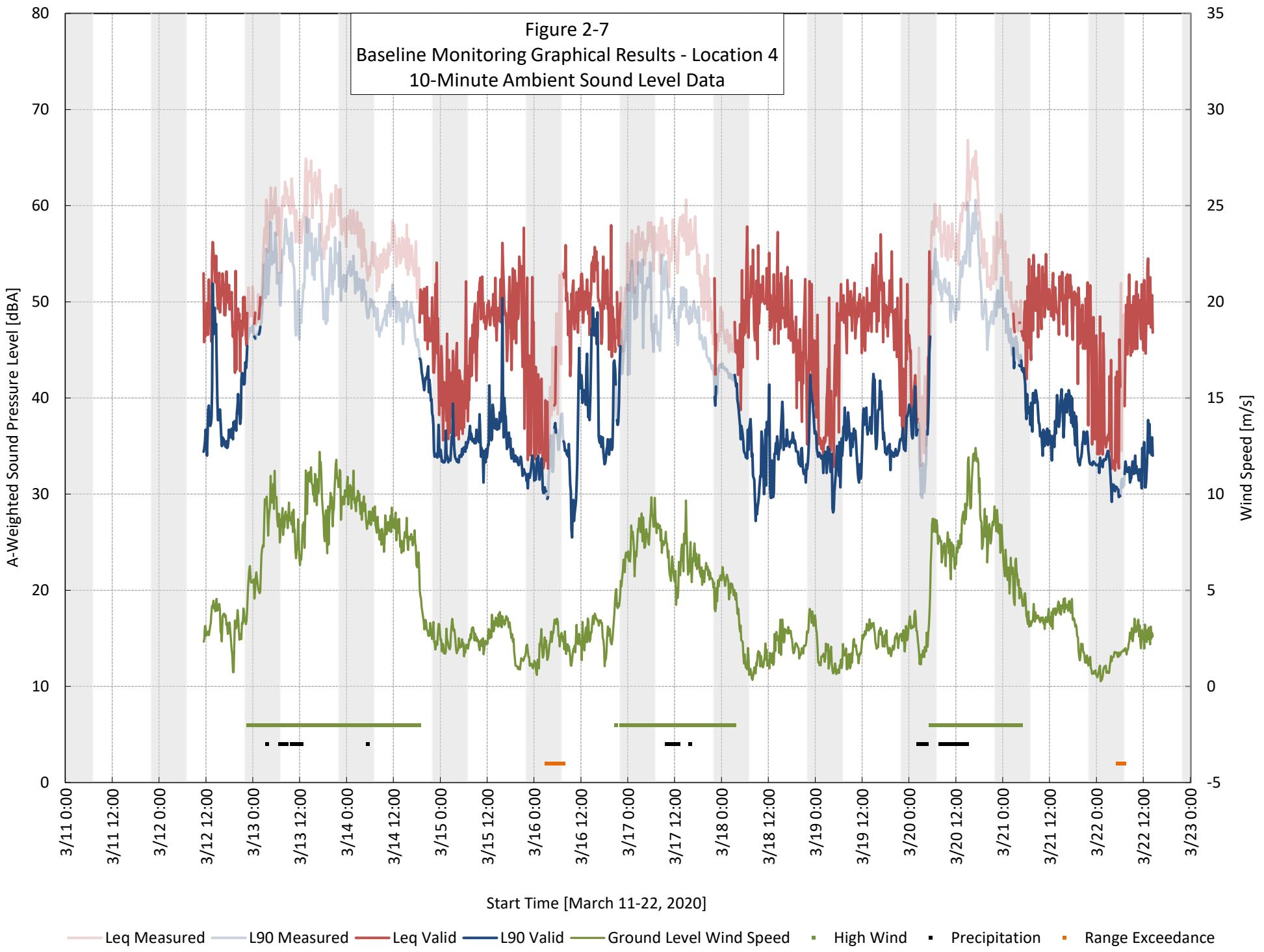
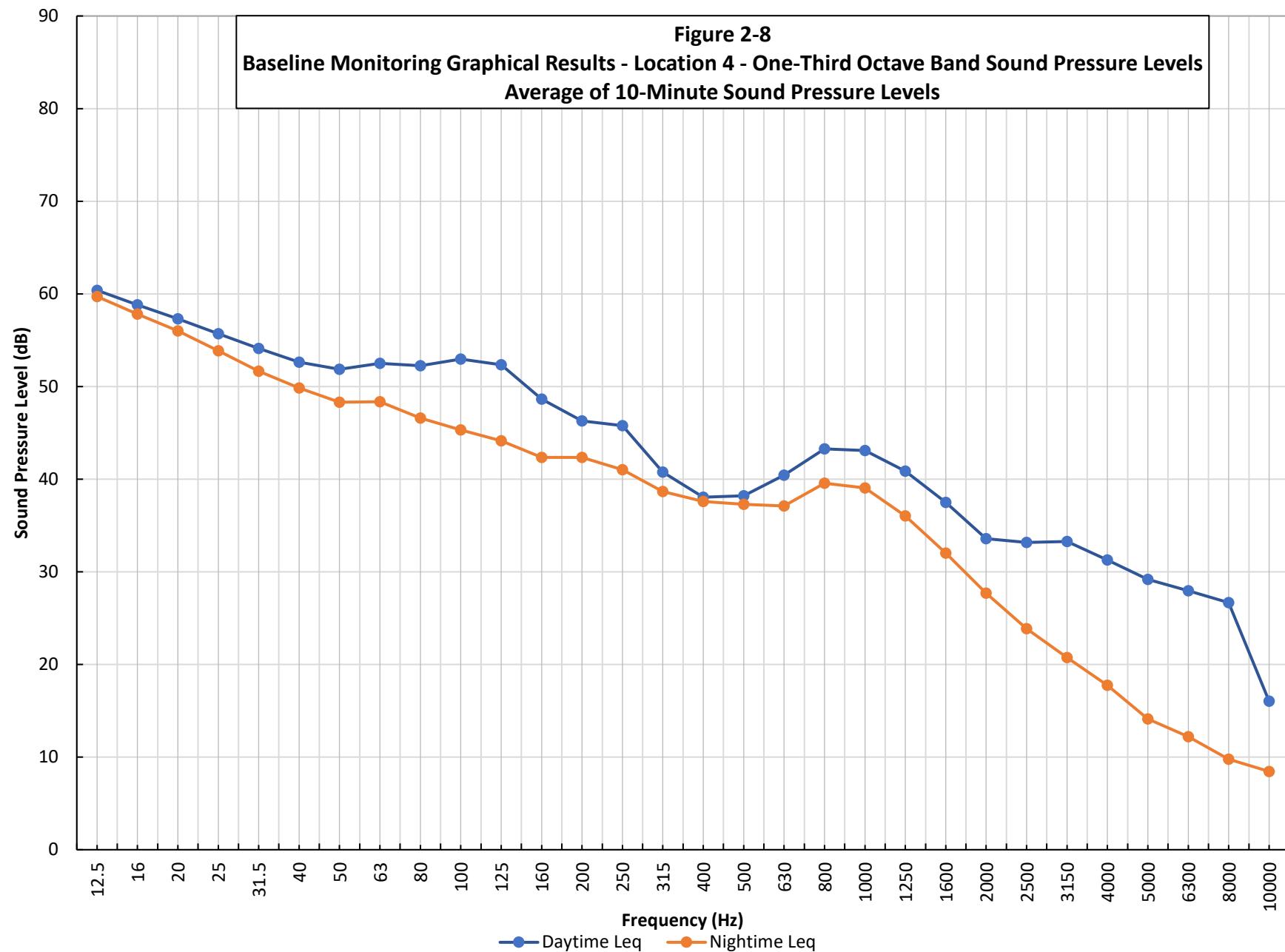


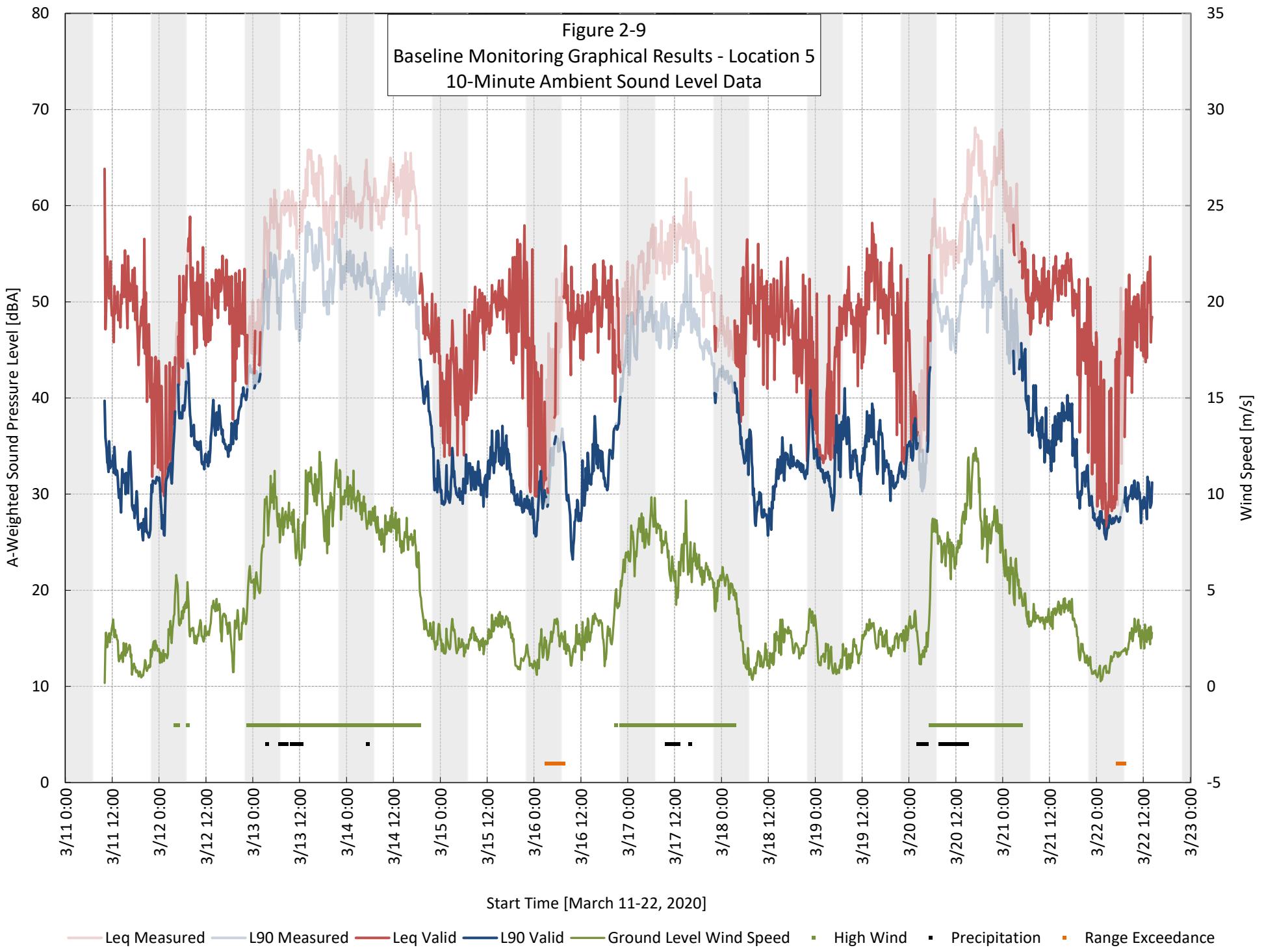
Figure 2-5
Baseline Monitoring Graphical Results - Location 3
10-Minute Ambient Sound Level Data











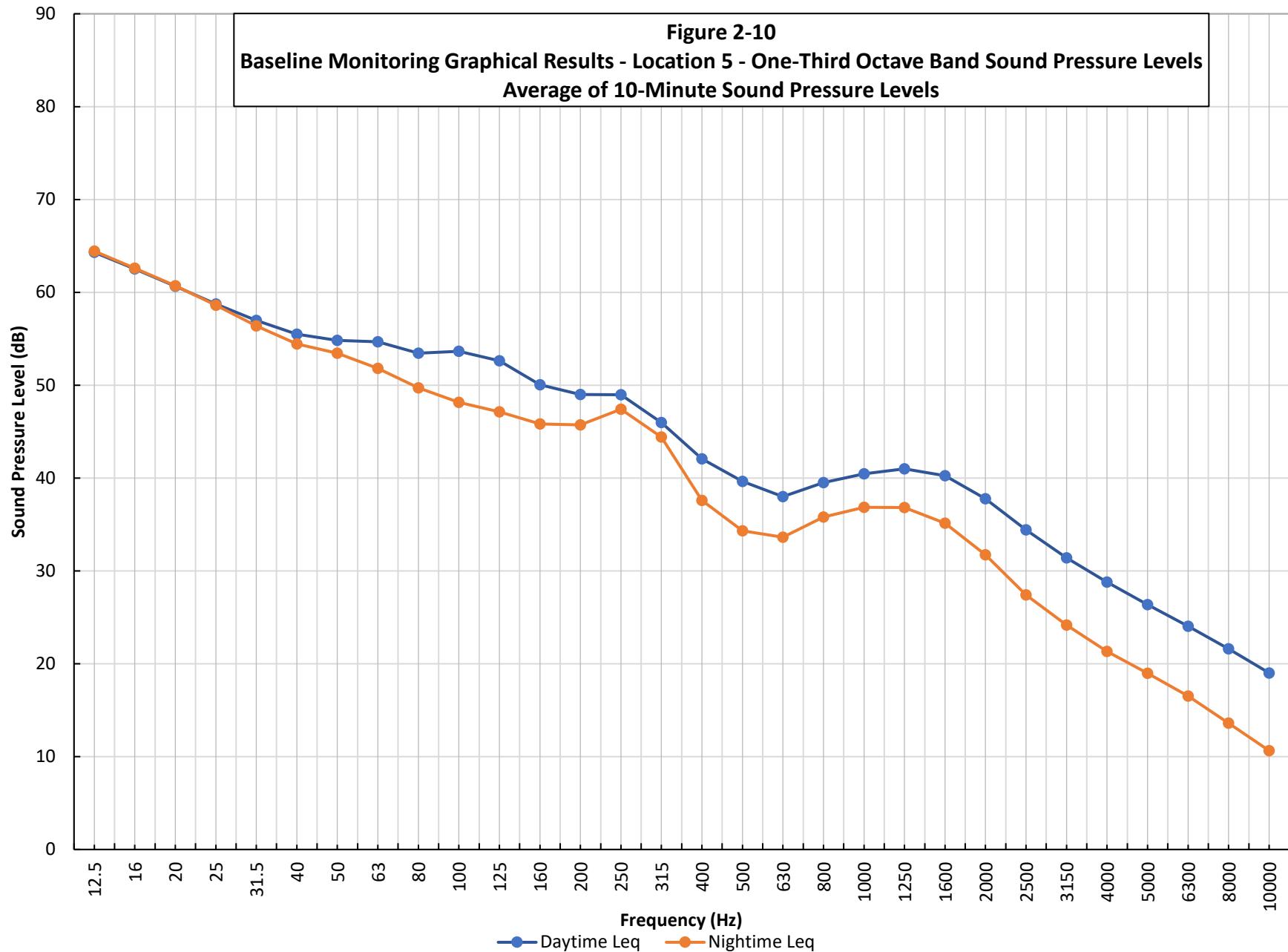
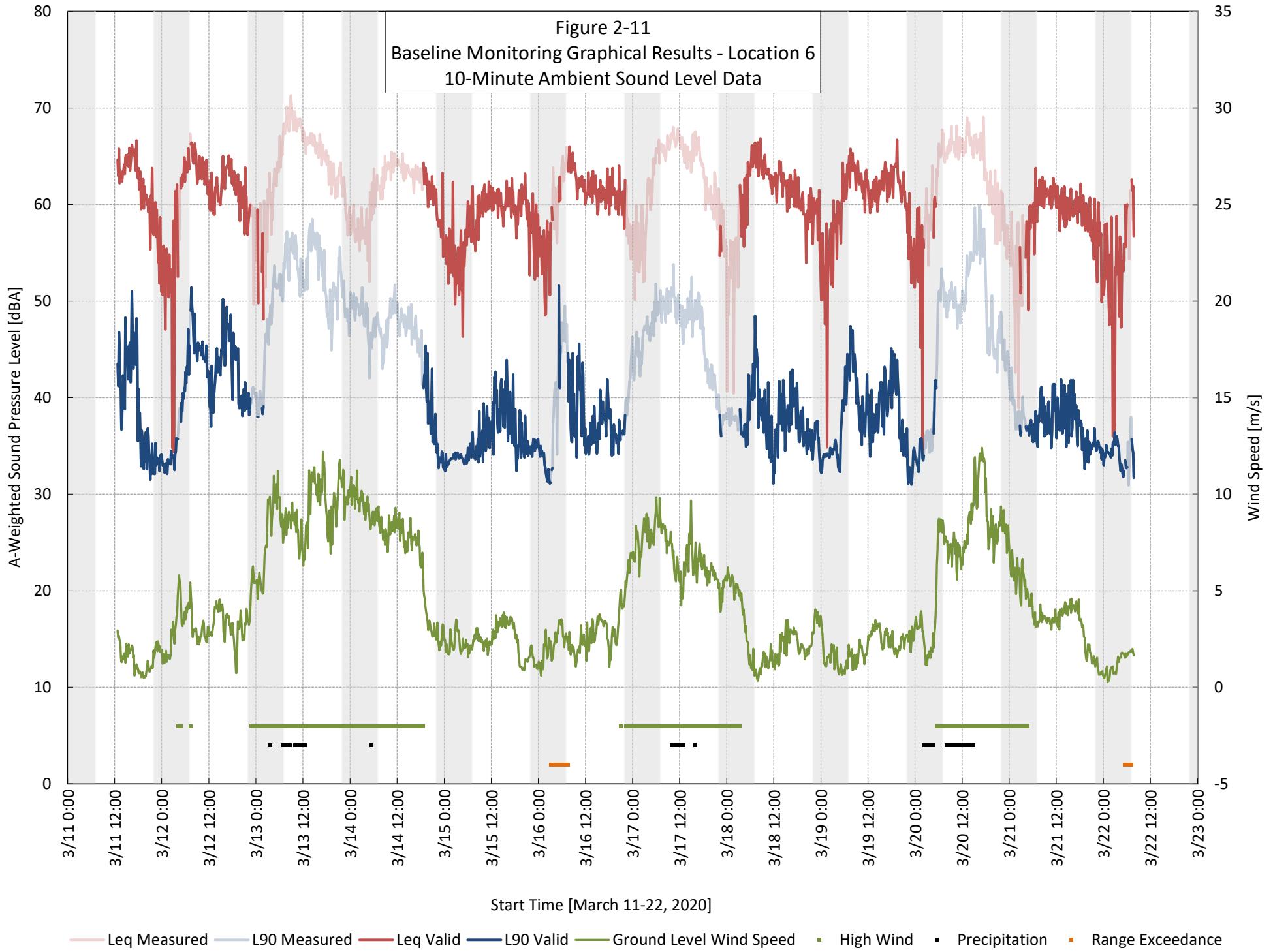
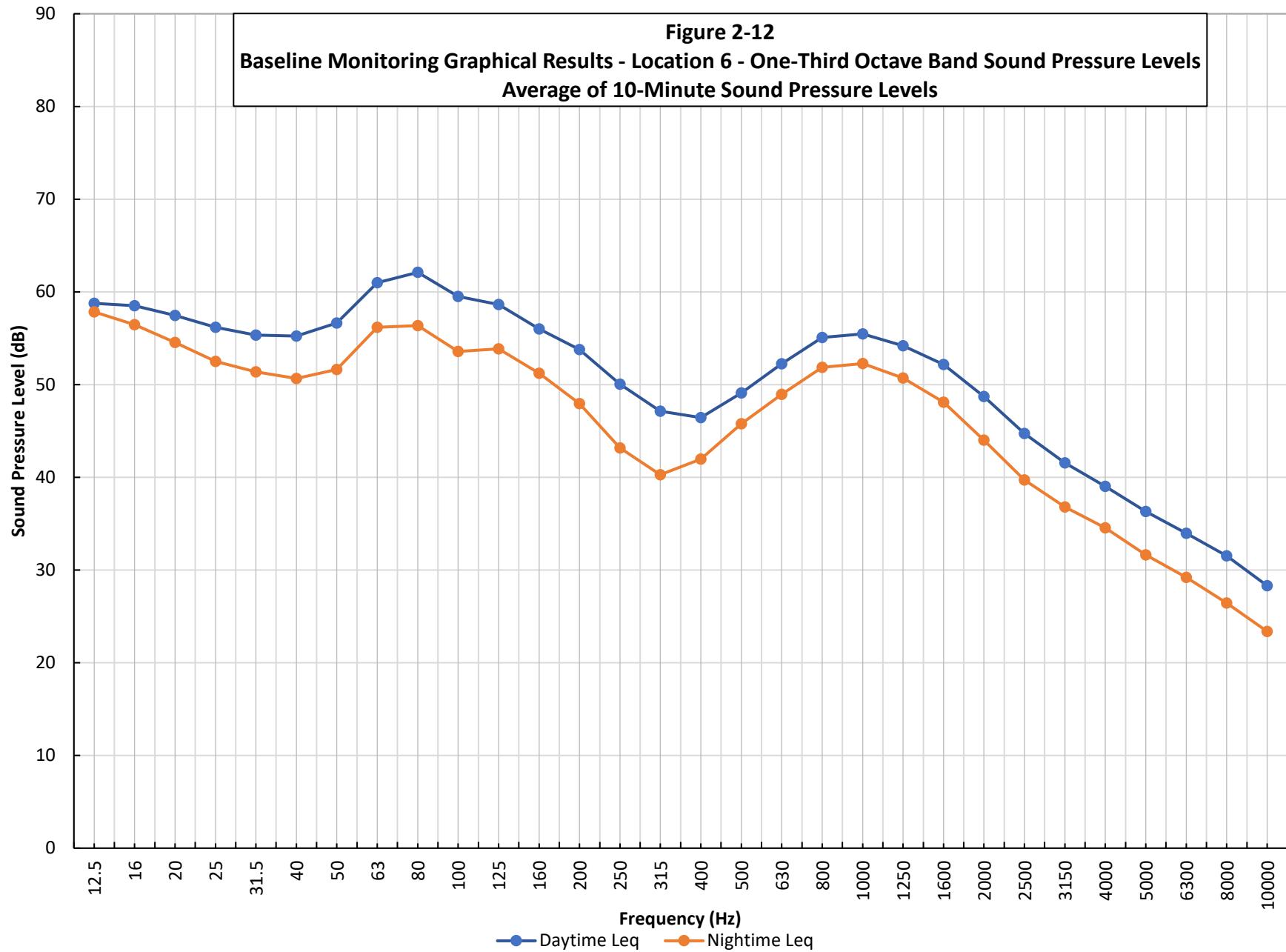


Figure 2-11
Baseline Monitoring Graphical Results - Location 6
10-Minute Ambient Sound Level Data





3.0 SOUND LEVEL MONITORING SUMMARY

A baseline monitoring program was performed for the proposed Brookside Solar Project to characterize the existing sound level environment in the Project area. The measured sound levels are summarized below as tabular data by location. Respective ANS-weighted broadband sound levels calculated for the summary period of interest are provided along with the “as-measured” broadband levels within each table. Only valid⁶ 10-minute measurement periods are included in the summary tables.

3.1 Existing Ambient – L₉₀

Measured ambient L₉₀ sound levels are shown below in Table 3-1. Values are separated by daytime and nighttime periods as well as for the entire program combined. These values represent the L₉₀ of the measured L₉₀ values.

Table 3-1 Existing Ambient L₉₀ (dBA) Sound Pressure Level Summary

Location	Overall (dBA)		Daytime (dBA)		Nighttime (dBA)	
	Measured	ANS	Measured	ANS	Measured	ANS
Location 1	26	25	25	24	26	26
Location 2	28	27	28	27	28	27
Location 3	32	30	38	36	25	24
Location 4	32	32	32	32	31	31
Location 5	28	28	29	28	27	27
Location 6	34	33	35	34	33	32

3.2 Existing Ambient - L_{eq}

Measured average ambient L_{eq} levels are presented in Table 3-2. Values are separated by daytime and nighttime periods as well as for the entire program combined.

Table 3-2 Existing Ambient L_{eq} (dBA) Sound Pressure Level Summary

Location	Overall (dBA)		Daytime (dBA)		Nighttime (dBA)	
	Measured	ANS	Measured	ANS	Measured	ANS
Location 1	39	39	41	40	37	37
Location 2	44	44	45	45	42	42
Location 3	59	57	61	59	55	54
Location 4	47	46	49	48	42	42
Location 5	47	46	49	48	41	40
Location 6	59	58	61	60	56	55

⁶ Refer to Chapter 2 for details concerning valid periods.

Appendix A
Windscreen Insertion Loss

Experimental study to determine wind-induced noise and windscreen attenuation effects on microphone response for environmental wind turbine and other applications

George F. Hessler^{a)}, David M. Hessler^{b)}, Peter Brandstätt^{c)} and Karlheinz Bay^{d)}

(Received: 23 February 2008; Revised: 30 May 2008; Accepted: 31 May 2008)

Despite the use of windscreens, the measurement of ambient sound levels or noise emissions in quiet environments can be adversely affected by wind blowing over the microphone. This is especially true when environmental impact assessments are being carried out for proposed wind turbine power projects - where the objective is to determine the level of background masking noise available as a function of wind speed, since any potential noise impact from the project will only occur under moderately windy conditions. Under calm conditions the project will produce no noise at all. A number of windscreen products are commercially available for short and long-term sound level monitoring in adverse weather conditions. Generally, these windscreens vary by physical size and the method of preventing water from reaching the microphone. High frequency attenuation effects are usually available from the product suppliers but, in general, low frequency turbulence effects are not available. Consequently, a controlled laboratory test program was carried out in a state-of-the-art wind tunnel at the Fraunhofer Institut für Bauphysik in Stuttgart, Germany to quantify the level of low frequency interference (down to 6.3 Hz) associated with a number of different foam windscreens and an aerodynamic microphone nose cone. A total of nine configurations were tested with "quiet" airflow only, artificial noise only and noise plus airflow to evaluate both low frequency wind induced noise and high frequency attenuation effects. The test program demonstrated that the largest size foam-based windscreens provided the most protection from flow induced noise due to wind. Flow induced noise by air flow alone was estimated from the study results and compared to community noise measurements at a typical wind turbine site. It was determined that flow induced wind noise does not have a significant or detrimental effect on the measurement of A-weighted sound levels under wind conditions of concern as long as the suggested measurement techniques described herein are followed.

© 2008 Institute of Noise Control Engineering.

Primary subject classification: 71.1.1; Secondary subject classification: 21.6

1 INTRODUCTION

It is a challenge to measure ambient or background levels in quiet, rural environments. Such areas are usually devoid of any major noise sources, such as

highways, industrial facilities or airports. Except for occasional, usually man-made, noise events the sound level in rural environments is normally dominated by the rustling of tree leaves or branches in the wind or by the high frequency sounds of insects during the warmer months of the year. For wind turbine power project assessments, ambient sound levels when the wind is blowing in the 3 to 10 m/s range (measured at 10 m above the surface) is very relevant because that is when typical wind turbines first begin to generate significant noise. At higher wind speeds turbine sound levels remain largely constant while the background sound continues to increase. Consequently, background sound

^{a)} Hessler Associates, Inc., Haymarket, VA; email: George@HesslerAssociates.com.

^{b)} Hessler Associates, Inc., Haymarket, VA; email: David@HesslerAssociates.com.

^{c)} Fraunhofer Institut für Bauphysik, Stuttgart, GERMANY; email: Peter.Brandstaett@ibp.fraunhofer.de.

^{d)} Fraunhofer Institut für Bauphysik, Stuttgart, GERMANY; email: Karlheinz.Bay@ibp.fraunhofer.de.

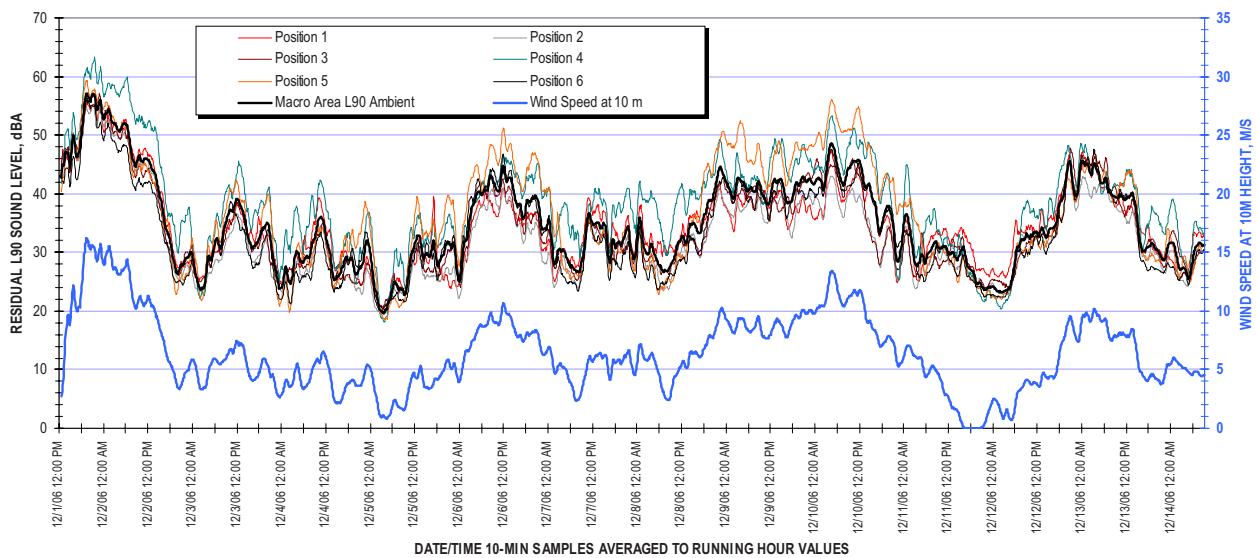


Fig. 1—Measured residual LA90 ambient sound levels at six widely spaced locations in a quiet rural area compared to wind speed over a 13 day period.

levels that occur during moderate winds are of the most interest. Reference 1 offers techniques for measuring wind turbine sources using a ground plane microphone setup to eliminate wind induced noise, but background

baseline measurements are made above grade with wind.

In general, experience with (insect-free) wintertime surveys at rural sites indicates that there is normally an

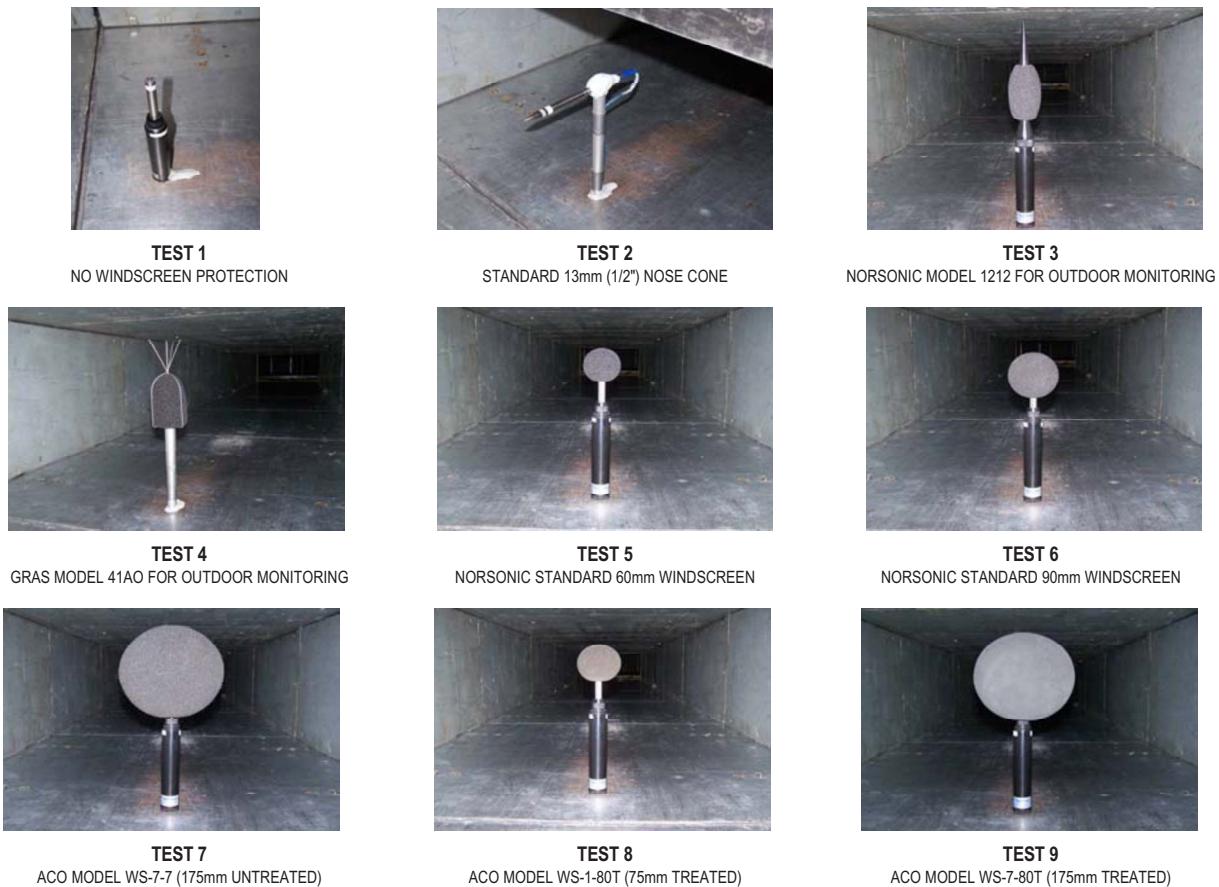


Fig. 2—Photographs of nine microphone test configurations.

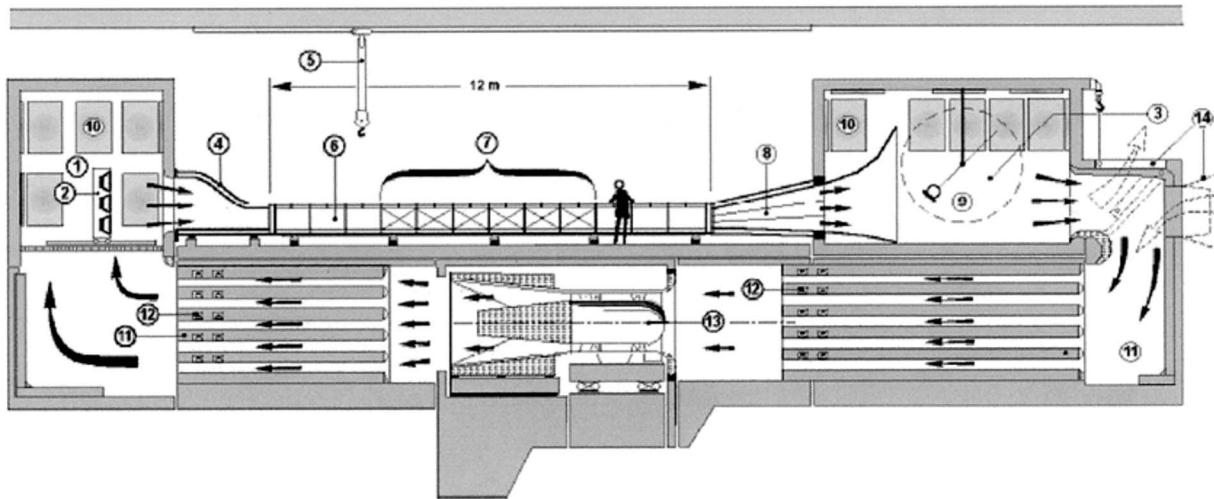


Fig. 3—Cross sectional elevation view of silencer test facility.

excellent correlation between wind speeds and the ambient residual (L90) sound levels as shown on Fig. 1. Of course, such a high degree of correlation could result if the microphone response was dominated by wind-induced turbulence effects around the microphone as opposed to the true ambient sound level signal. Hence, the purpose of this study is to quantitatively address this uncertainty and determine, for a number of common windscreens types, if/when any substantial contamination occurs over a range of wind speeds.

Nine microphone configurations, as illustrated in Fig. 2, were tested under controlled conditions in a wind tunnel duct using quiet airflow only, artificial noise only (at three volumes) and airflow plus artificial noise. Ninety degree incidence is used to duplicate ambient sound measurement survey techniques, but the nose cone (B&K model UA 0386) was aimed into the flow stream. Windscreens for tests 3, 4, 8 and 9 are products available for long-term outdoor monitoring. The foam ball ACO Pacific models (tests 8 and 9) are specifically treated to shed rain water while the other foam balls are not intended for outdoor rain exposure. Measurements were carried out at duct velocities of 2.5, 5, 10, 20 and 30 m/s (8, 16, 33, 66 and 98 ft/s, or 6, 11, 22, 45 and 67 mph). The test results are also useful for determining flow turbulence effects when measuring industrial noise sources in the presence of airflow, as well as for outdoor environmental measurements.

The test program was carried out at the Fraunhofer Institute of Building Physics located in Stuttgart, Germany at their aero-acoustic wind tunnel illustrated on Fig. 3. Note the large silencers on the inlet and exhaust path of the airflow fan and the structural isolation of the test duct. The airflow delivered to the duct test section is essentially free of fan noise or is “quiet” air. The airflow in the duct cross section has an even distribution without swirl or turbulences as it is supplied through a stilling chamber and an air inlet profile. The duct cross section of 1 m by 0.5 m was held constant over the complete length for all measurements. In this way re-generated noise was kept at a minimum. Measurements were made with a Norsonic 840 Analyzer, Norsonic Model 1201 preamp and 1/2 inch (13 mm) diameter Model 1225 microphone.

2 LOW FREQUENCY TURBULENCE EFFECTS - FLOW MEASUREMENTS

The raw measured data for all configurations at the five airflow speeds are plotted on Fig. 4. It is certainly not news, but the data clearly demonstrate that even the most modest foam windscreens should always be used when outdoors, since it dramatically improves the low and mid frequency microphone response. Because the extreme low frequencies are significantly affected by flow induced noise even at fairly low wind speeds, these plots also show that whenever low level very low frequency or C-weighted sound levels must be measured outdoors such measurements should only be carried out under completely calm conditions.

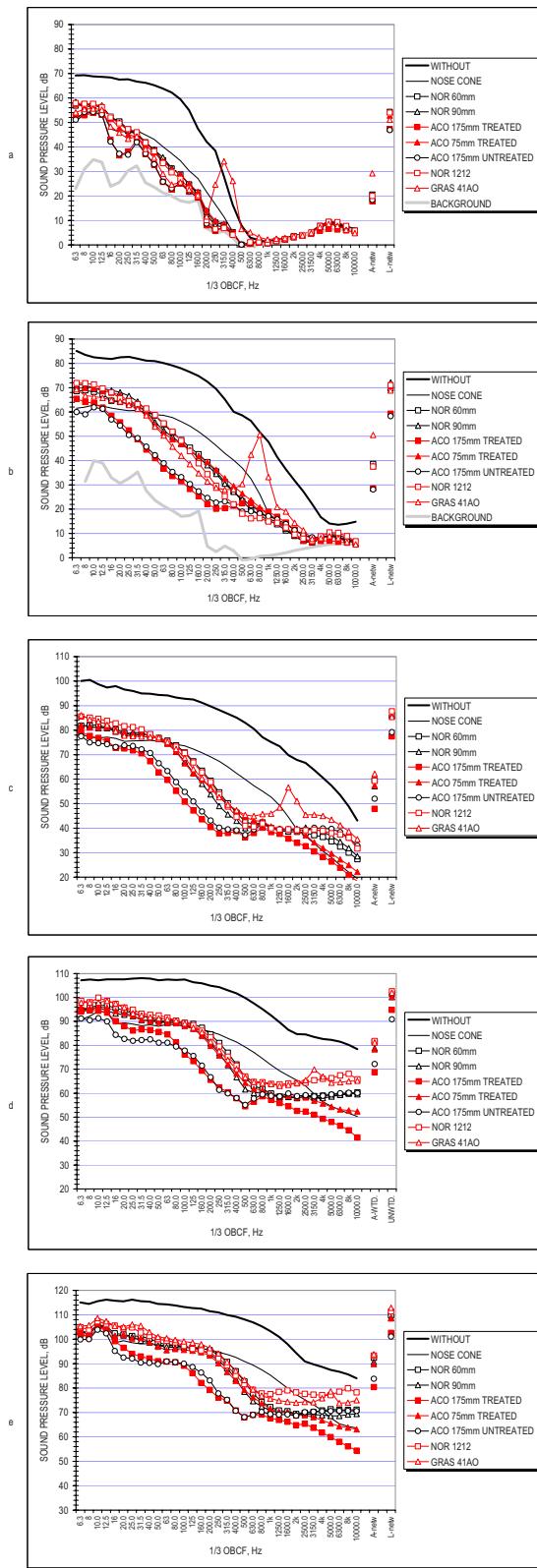


Fig. 4—Measured microphone response at five velocities (2.5, 5, 10, 20 and 30 m/s, graph a through e).

The second trend immediately noticeable is that the two larger (175 mm diameter) windscreens are significantly better at reducing flow induced noise at low and

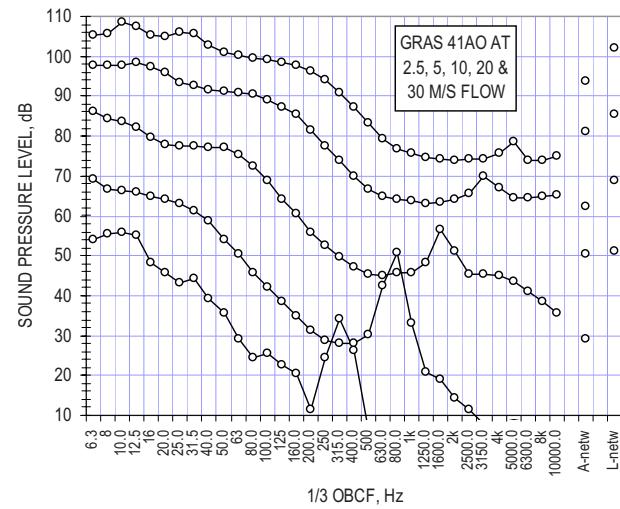


Fig. 5—Graph showing flow generated tonal noise associated with the gap between foam and wire.

mid frequencies. Flow-induced noise levels are on the order of 10 dB lower for this type of windscreens than they are for all others. Prior studies have shown this relationship and an excellent analytical study and summary of microphone response to turbulence is presented by van den Berg in Ref. 2. This testing quantifies the improvement and low frequency performance for readily available current wind protection products.

All of the plots, but particularly the lower wind speed cases, show a tonal aberration for the GRAS model 41AO windscreens. A frequency shift with wind velocity can clearly be seen in Fig. 5, which shows only the results for this model windscreens at all five wind speeds. This behavior was initially attributed to vortex shedding from the bird spike wires (each 1.5 mm in diameter) where the frequency may be calculated by the well known equation:

$$f = Sv/d \quad (1)$$

where,

S=the Strouhal number of 0.2

v=velocity, m/s

d=diameter, m

This calculation indicated that the 315, 630, 1250, 2500 and 5000 Hz 1/3 octave bands would be excited by vortex shedding, but the actual measurements showed that the affected bands were 315, 800, 1600, 3150 and 5000 Hz. Further diagnostic testing demonstrated that the peaks are caused by the gap between the

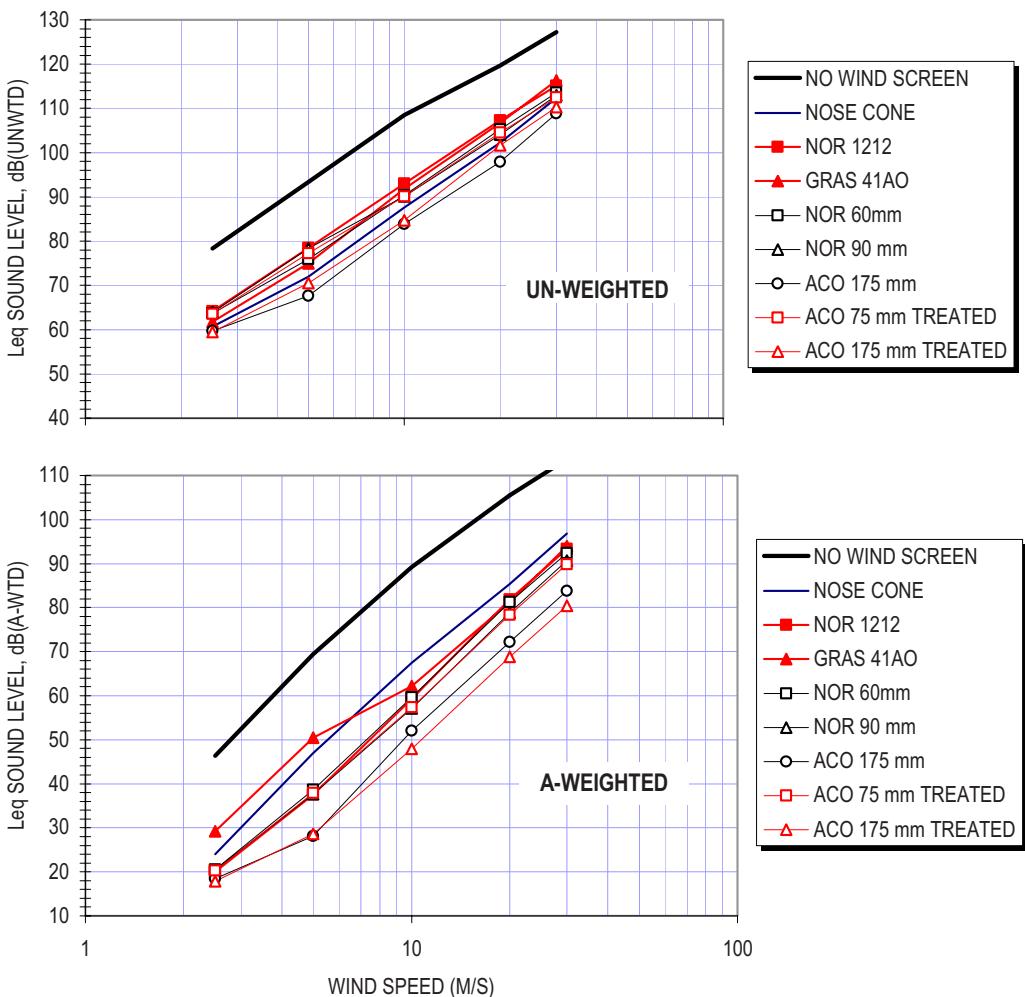


Fig. 6—Plot of overall flow noise response for windscreen models. Upper: Un-weighted level, Lower: A-weighted level.

wire bird spike base and the top of the windscreen. Apparently small mini-jets are created by this gap and it was found that this noise could be reduced by a closer fit between the foam screen and the wire. The gap should be eliminated when employing this model for monitoring.

Figure 6 plots the overall measured values of flow-generated noise as a function of air flow velocity. When plotted on a logarithmic scale, the data show a linear increase with velocity for all models. The overall, un-weighted sound level slope is a v^5 relationship, or approximately a 15 dB increase for each doubling of velocity, whereas the A-weighted results are a v^6 relationship, or approximately 18 dBA increase per doubling. Table 1 tabulates the overall measured values at each velocity for each model windscreen. These data can be used to derive a logarithmic expression for the self-generated noise level as a

function of wind speed for any of the tested windscreens. For example, data for the treated ACO 175 mm windscreens leads to the following approximate equation for estimating the A-weighted flow induced noise level for the wind speed at the microphone location. Wind speed at 10 m elevation is the standardized elevation for rating wind turbines as given in Ref. 1 but this equation applies at the microphone location.

$$L_{\text{fin}} = 27.4 \ln(v) - 10.7, \text{ dBA} \quad (2)$$

where,

L_{fin} =the A-weighted flow-induced-noise level due only to wind

v =the wind speed at the microphone, m/s

Table 1—Measured overall levels for microphone response with and without windscreens at five velocity settings. Lowest response results are for the 175 mm size windscreens.

		FLOW SPEED M/S (MPH)				
A-WTD		2.5	5	10	20	30
T1	NO WIND SCREEN	46	69	89	106	114
T2	NOSE CONE	24	47	68	85	97
T3	NOR 1212	20	38	59	82	93
T4	GRAS 41AO	29	51	62	81	94
T5	NOR 60 mm	21	39	60	81	92
T6	NOR 90 mm	20	38	57	79	91
T7	ACO 175 mm	18	28	52	72	84
T8	ACO 75 mm TREATED	20	38	57	78	90
T9	ACO 175 mm TREATED	18	29	48	69	80
UNWTD		FLOW SPEED M/S (MPH)				
		2.5	5	10	20	30
T1	NO WIND SCREEN	78	93	109	120	127
T2	NOSE CONE	61	72	88	102	112
T3	NOR 1212	64	79	93	107	115
T4	GRAS 41AO	62	75	92	107	116
T5	NOR 60 mm	64	76	90	105	114
T6	NOR 90 mm	64	78	90	104	113
T7	ACO 175 mm	60	68	84	98	109
T8	ACO 75 mm TREATED	64	77	90	105	113
T9	ACO 175 mm TREATED	60	71	85	102	110

3 ATTENUATION EFFECTS –ARTIFICIAL NOISE MEASUREMENTS

The measured sound levels in the duct at three volumes of artificial loud speaker noise (without any airflow) are plotted in Fig. 7. The fairly significant response variances at frequencies below 50 Hz are attributable to longitudinal in-duct resonances. Variable levels of external low frequency background noise outside the test duct at the facility may have also contributed to the scatter and loudspeaker output is poor at frequencies below 20 Hz. An improved signal to background noise ratio is suspected as the reason for better data grouping at the highest volume. There is no reason to believe that windscreens have any attenuation or amplification effects at these low frequencies. To verify this, testing was repeated in the facilities anechoic free-field environment. Figure 8 plots the raw data for this test and it is readily apparent that the low frequency variations are absent for a free progressive wave in an anechoic room as opposed to the wave front in a duct containing lateral reflections.

At the high end of the frequency spectrum the plots consistently show the same, model-dependent trends

such as the significant attenuation of the ACO 175 mm treated windscreens at all frequencies above about 1250 Hz. Figure 9 shows the averaged attenuation for the three volumes in 1/3 octave bands for all windscreen models tested. Negative attenuation, or amplification of the signal, is significant for the nose cone and Nor 1212 outdoor windscreens. Table 2 tabulates the measured attenuations.

In general, the relatively large high frequency attenuation associated with the ACO 175 mm treated windscreens means that any un-corrected measurements made with it would be somewhat lower on an overall A-weighted basis than the actual value and therefore conservative in background survey applications. The overall noise reduction of this windscreens would depend on the frequency spectrum shape of the sound being measured but appears to be in 2 to 5 dBA range (neglecting any possible counteracting increases due to wind-induced effects). This low-pass filter quality could actually be beneficial in cases where unwanted summertime insect noise (generally above 2 kHz) is present. This contamination would be automatically

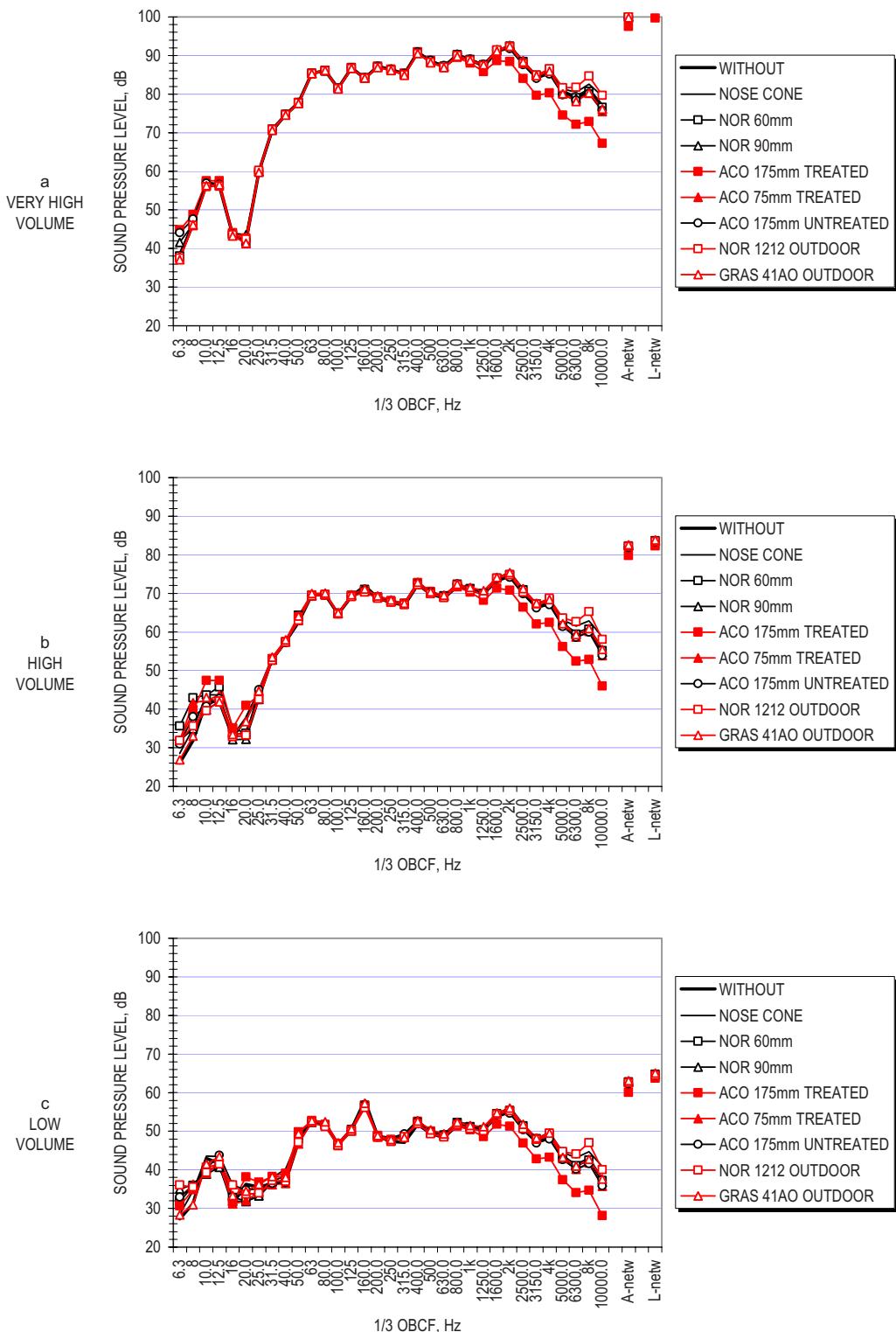


Fig. 7—Measured response with three volumes of artificial noise in the duct.

minimized, though not necessarily eliminated, through the use of this windscreens

4 FLOW AND NOISE MEASUREMENTS

The combined flow and noise measurements serve to illustrate the accuracy of the measurements and the

benefits of using windscreens. Figure 10 plots the flow only, noise only and the combined flow and noise measurements for three cases: no windscreens, minimum diameter and maximum diameter foam windscreens. The point where the flow only and noise only traces cross essentially defines the minimum

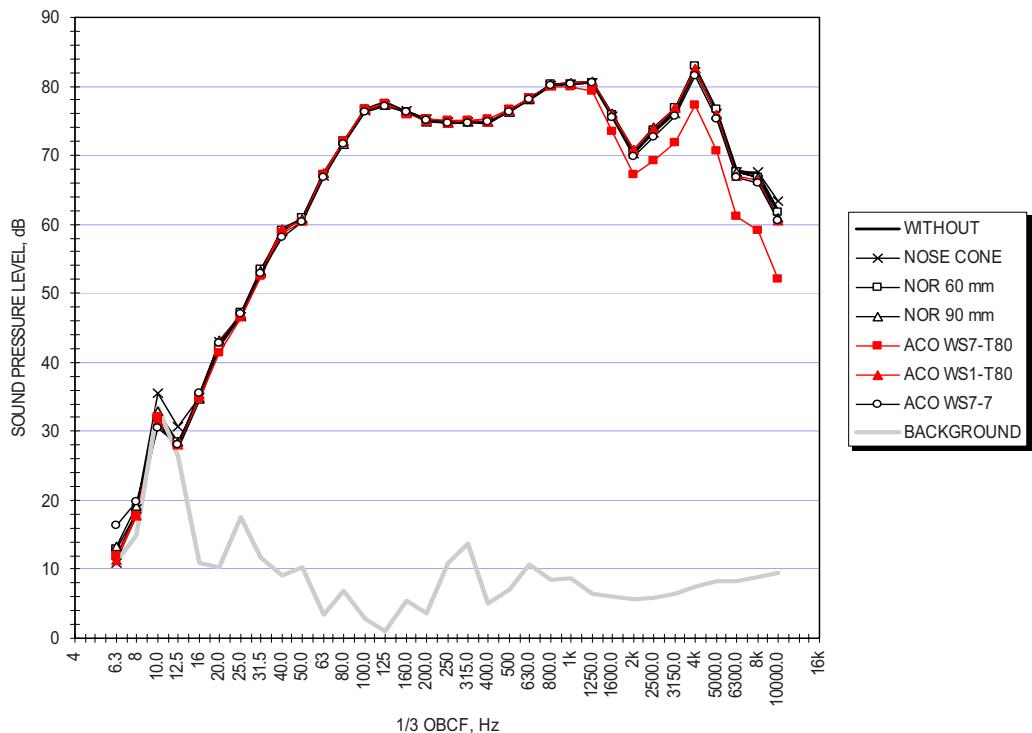


Fig. 8—Measured sound pressure spectra for five windscreen models in an anechoic chamber.

frequency at which valid data can be measured during, in this case, a 10 m/s wind. Without a windscreens, almost the entire spectrum (0 to 6300 Hz) is dominated by the 10 m/s flow noise. At the same 10 m/s flow

speed; however, accurate measurements can be made in all bands above 125 Hz using only a 60 mm windscreens. The frequency response is improved to above 50 Hz using the largest (175 mm) windscreens.

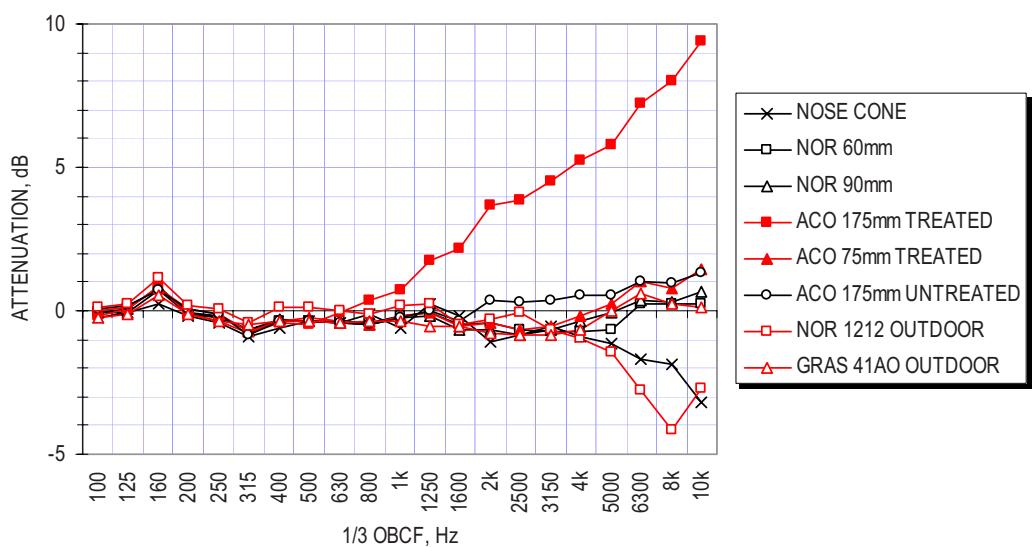


Fig. 9—Measured microphone response attenuation for windscreen models for 90 degree sound incidence.

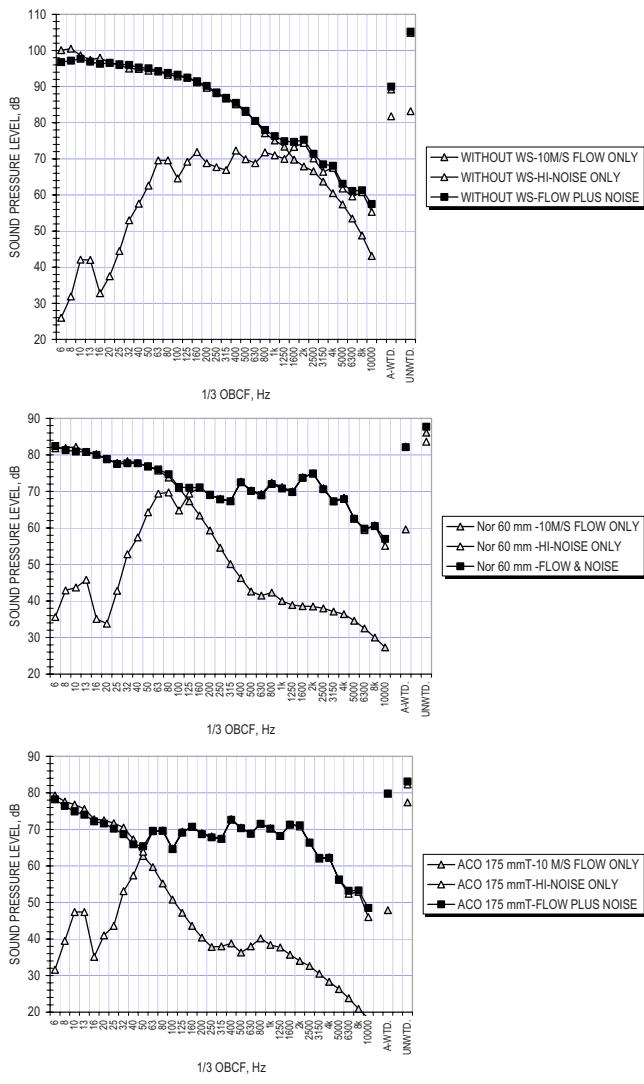


Fig. 10—Flow only, noise only and flow and noise measurements.

5 CONCLUSIONS AND RECOMMENDATIONS

The data show that reasonably good results when measuring in low to moderate wind conditions are possible even with conventional 60 mm windscreens, but that a larger (175 mm) diameter windscreens offers significantly better performance in the lower frequencies.

In the special case of background sound level surveys for wind turbine projects, where the objective is to determine the environmental sound level/masking level as a function of wind speed, the suggested practice based on this lab study is to use a large 175 mm windscreens and mount the microphone at a maximum elevation of about 1 m above grade. This latter step helps ensure that the microphone is exposed to relatively low wind speeds, since the nominal wind velocity profile, Eqn. (7) in Ref. 1 has a parabolic shape where the velocity decreases rapidly near the ground – theoretically going to zero at the surface. For example, a wind speed of 10 m/s (22.4 mph) measured at a standardized elevation of 10 m would translate to a nominal speed of 5.6 m/s (12.5 mph) at only 1 m above the surface. The wind speed range of most relevance to wind turbine analyses is usually in the 5 to 8 m/s range as measured at 10 m; consequently, a microphone at 1 m would be exposed to nominal flow velocities of 2.8 m/s (6.3 mph) to 4.5 m/s (10.1 mph) where the A-weighted flow induced noise levels would

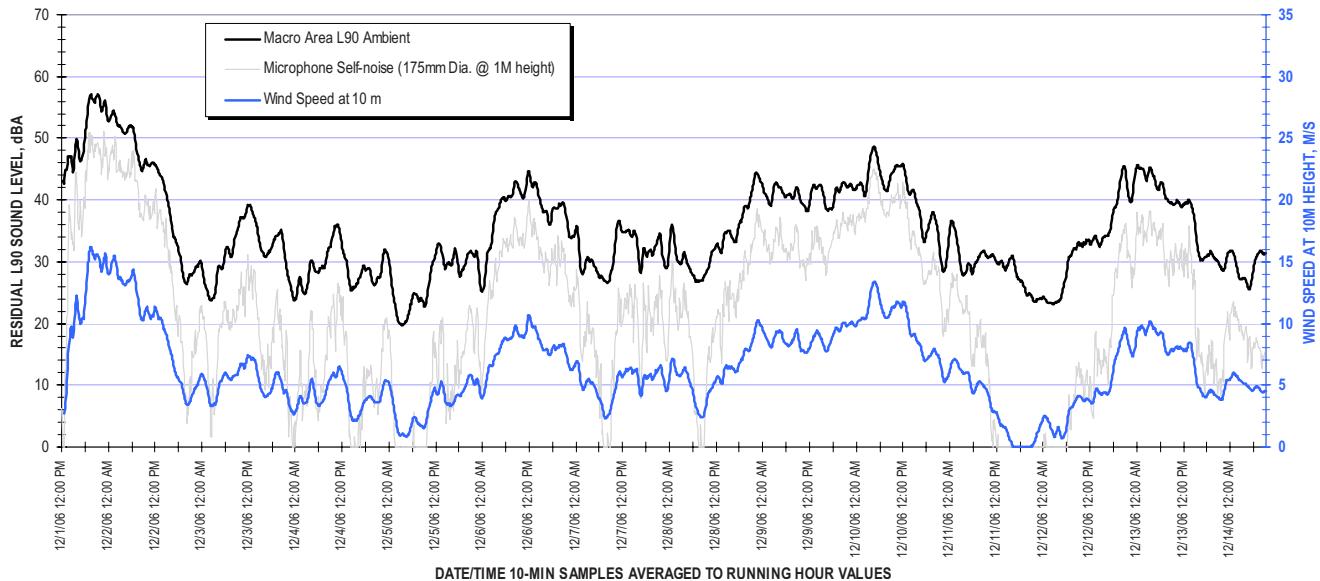


Fig. 11—Measured community ambient level compared to estimated microphone response to wind.

Table 2—Measured attenuation for windscreen models, 90 degree sound incidence.

1/3 OBCF, Hz	NOR		ACO		ACO		NOR1212 OUTDOOR	GRAS41AO OUTDOOR	NOSE CONE
	60 mm	90 mm	175 mm TREATED	75 mm TREATED	175 mm UNTREATED				
100	0.0	-0.1	-0.2	0.0	0.1	0.1	0.1	-0.2	-0.2
125	-0.1	0.1	0.1	0.1	0.2	0.2	0.3	-0.1	-0.1
160	0.7	0.9	0.8	0.8	0.7	1.2	0.5	0.2	
200	-0.1	0.0	-0.1	0.0	0.1	0.2	-0.1	-0.1	-0.2
250	-0.2	-0.2	-0.4	-0.1	-0.1	0.0	-0.3	-0.3	-0.4
315	-0.7	-0.6	-0.8	-0.7	-0.8	-0.4	-0.5	-0.5	-0.9
400	-0.4	-0.3	-0.4	-0.3	-0.4	0.1	-0.4	-0.4	-0.6
500	-0.3	-0.3	-0.5	-0.2	-0.3	0.1	-0.3	-0.3	-0.3
630	-0.4	-0.4	0.0	-0.4	-0.4	0.0	-0.4	-0.4	-0.4
800	-0.4	-0.5	0.4	-0.5	-0.5	-0.1	-0.3	-0.1	
1K	-0.2	-0.2	0.7	-0.2	-0.2	0.2	-0.3	-0.6	
1250	0.0	-0.2	1.8	-0.1	0.0	0.3	-0.5	0.3	
1600	-0.5	-0.6	2.2	-0.6	-0.3	-0.5	-0.6	-0.2	
2K	-0.4	-0.7	3.7	-0.4	0.3	-0.3	-0.8	-1.1	
2500	-0.6	-0.8	3.8	-0.7	0.3	0.0	-0.8	-0.8	
3150	-0.7	-0.6	4.5	-0.5	0.3	-0.7	-0.8	-0.6	
4K	-0.7	-0.3	5.3	-0.2	0.5	-1.0	-0.7	-0.9	
5K	-0.6	-0.1	5.8	0.2	0.6	-1.5	0.0	-1.1	
6300	0.2	0.3	7.2	1.0	1.0	-2.8	0.6	-1.7	
8K	0.2	0.3	8.0	0.8	1.0	-4.1	0.2	-1.9	
10K	0.3	0.7	9.4	1.5	1.3	-2.7	0.1	-3.2	

range from 18 to 31 dBA. Such levels are low to insignificant even compared to the quiet environmental sound levels that commonly exist in rural areas.

As an example, the self-noise sound levels associated with the field data illustrated in Figure 1 have been calculated from Eqn. (2) above (based on the 10 m wind data converted to 1 m) and used to correct the sound levels actually measured. The measured and corrected sound levels are plotted in Fig. 11. Since the microphone flow induced noise response alone is frequently 8 to 10 dBA below the measured levels, the adjustment is minimal in most instances ($=<0.5$ dBA) and therefore considered insignificant.

6 ACKNOWLEDGEMENTS

The author wishes to acknowledge both the technical and financial assistance provided by the Norsonic in Germany, Scantek, Inc., GRAS and ACO Pacific in the U.S.

7 REFERENCES

1. International Standard IEC 61400-11, *Wind turbine generator systems – Part 11: Acoustic noise measurement techniques*, 2nd edition 2002–12, (2002).
2. G. P. van den Berg, “The sound of high winds: the effect of atmospheric stability on wind turbine sound and microphone noise.” Ph.D. Thesis, National University of Groningen, The Netherlands, (2006).

Appendix B

Certificates of Sound Level Instrument Calibration

Certificate of Calibration and Conformance

This document certifies that the instrument referenced below meets published specifications per Procedure PRD-P263; ANSI S1.4-1983 (R 2006) Type 1; S1.4A-1985; S1.43-1997 Type 1; S1.11-2004 Octave Band Class 0; S1.25-1991; IEC 61672-2002 Class 1; 60651-2001 Type 1; 60804-2000 Type 1; 61260-2001 Class 0; 61252-2002.

Manufacturer:	Larson Davis	Temperature:	77.1	°F
Model Number:	831		25.06	°C
Serial Number:	2543	Rel. Humidity:	51.2	%
Customer:	TMS Rental	Pressure:	995.2	mbars
Description:	Sound Level Meter		995.2	hPa

Note: _____ As Found/As Left: In Tolerance

Upon receipt for testing, this instrument was found to be:

Within _____ the stated tolerance of the manufacturer's specification.

Calibration Date: 7/16/2019 Calibration Due: _____

Calibration Standards Used:

Manufacturer	Model	Serial Number	Cal Due
Stanford Research Systems	DS360	123270	5/6/2020

This Certificate attests that this instrument has been calibrated under the stated conditions with Measurement and Test Equipment (M&TE) Standards traceable to the National Institute of Standards and Technology (NIST). All of the Measurement Standards have been calibrated to their manufacturers' specified accuracy / uncertainty. Evidence of traceability and accuracy is on file at The Modal Shop and/or Larson Davis Corporate Headquarters. An acceptable accuracy ratio between the Standard(s) and the item calibrated has been maintained. This instrument meets or exceeds the manufacturer's published specification unless noted.

The results documented in this certificate relate only to the item(s) calibrated or tested. Calibration interval assignment and adjustment are the responsibility of the end user. This certificate may not be reproduced, except in full, without the written approval of The Modal Shop.

Technician: William Kellner Signature: _____



3149 East Kemper Road
Cincinnati, OH 45241
Phone: (513) 351-9919
(800) 860-4867
www.modalshop.com



~Certificate of Calibration~

3149 East Kemper Rd.
Cincinnati, OH 45241
Ph : 513-351-9919
Fax: 513-458-2172
www.modalshop.com

Manufacturer: PCB

Model Number: 377B02

Serial Number: 307744

Asset ID:

Description: Free-Field Microphone

Sensitivity: 250 Hz 1 kHz

-26.04 -26.11 dB re. 1V/Pa
49.87 49.49 mV/Pa

Customer: TMS Rental

Address:

Calibration Date: Dec 12, 2019 08:08:25

Due Date:

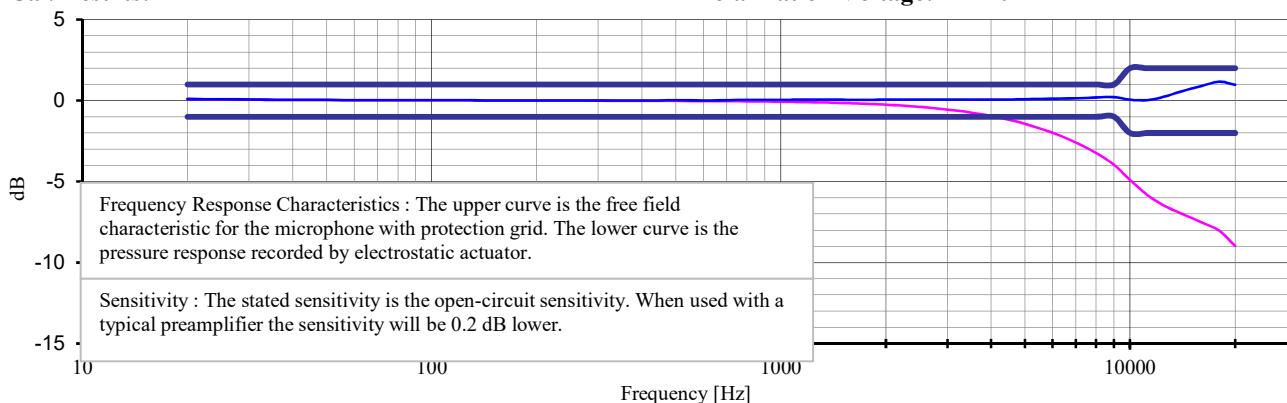
Temperature: 70 (21) °F (°C)

Humidity: 28 %

Ambient Pressure: 1009.8 mbar

Cal. Results: In Tolerance

Polarization Voltage: 0 VDC



Frequency Response Characteristics : The upper curve is the free field characteristic for the microphone with protection grid. The lower curve is the pressure response recorded by electrostatic actuator.

Sensitivity : The stated sensitivity is the open-circuit sensitivity. When used with a typical preamplifier the sensitivity will be 0.2 dB lower.

Traceability: The calibration is traceable through NIST Project A1801.

Notes: Calibration results relate only to the items calibrated.

This certificate may not be reproduced, except in full, without written permission.

This calibration is performed in compliance with ISO 9001, ISO 17025 and ANSI Z540.

Measurement uncertainty (250 Hz sensitivity calibration) at 95% confidence level: 0.30 dB

Calibrated per procedure PRD-P204.

User Note: As Found / As Left: In Tolerance.

Frequency Response with reference to level at 250 Hz

Frequency (Hz)	Upper (dB)						
20	0.10	630	0.01	4500	0.07		
25	0.09	800	0.04	5000	0.09		
31.5	0.06	1000	0.05	5600	0.10		
40	0.04	1120	0.06	6300	0.13		
50	0.04	1250	0.06	7100	0.15		
63	0.02	1400	0.06	8000	0.19		
80	0.03	1600	0.05	9000	0.21		
100	0.02	1800	0.05	10000	0.06		
125	0.02	2000	0.06	11200	0.03		
160	0.01	2240	0.06	12500	0.24		
200	0.00	2500	0.07	14000	0.56		
250	0.00	2800	0.07	16000	0.90		
315	0.01	3150	0.07	18000	1.16		
400	0.00	3550	0.06	20000	0.98		
500	0.02	4000	0.06				

Technician: Ed Devlin

Reference Equipment Used:

Manuf.	Model	Serial	Cal. Date	Due Date
GRAS	40AG	58094	2/11/2019	2/11/2020

Approval: Ed Devlin



Calibration Lab

CALIBRATION CERT 2649.01

Certificate of Calibration and Conformance

This document certifies that the instrument referenced below meets published specifications per Procedure PRD-P263; ANSI S1.4-1983 (R 2006) Type 1; S1.4A-1985; S1.43-1997 Type 1; S1.11-2004 Octave Band Class 0; S1.25-1991; IEC 61672-2002 Class 1; 60651-2001 Type 1; 60804-2000 Type 1; 61260-2001 Class 0; 61252-2002.

Manufacturer:	Larson Davis	Temperature:	69.8	°F
Model Number:	831		21.00	°C
Serial Number:	3326	Rel. Humidity:	33.5	%
Customer:	TMS Rental	Pressure:	978.8	mbars
Description:	Sound Level Meter		978.8	hPa

Note: _____ As Found/As Left: In Tolerance

Upon receipt for testing, this instrument was found to be:

Within _____ the stated tolerance of the manufacturer's specification.

Calibration Date: 4-Feb-20 Calibration Due: _____

Calibration Standards Used:

Manufacturer	Model	Serial Number	Cal Due
Stanford Research Systems	DS360	123270	5/6/2020

This Certificate attests that this instrument has been calibrated under the stated conditions with Measurement and Test Equipment (M&TE) Standards traceable to the National Institute of Standards and Technology (NIST). All of the Measurement Standards have been calibrated to their manufacturers' specified accuracy / uncertainty. Evidence of traceability and accuracy is on file at The Modal Shop and/or Larson Davis Corporate Headquarters. An acceptable accuracy ratio between the Standard(s) and the item calibrated has been maintained. This instrument meets or exceeds the manufacturer's published specification unless noted.

The results documented in this certificate relate only to the item(s) calibrated or tested. Calibration interval assignment and adjustment are the responsibility of the end user. This certificate may not be reproduced, except in full, without the written approval of The Modal Shop.

Technician: William Kellner Signature: _____



3149 East Kemper Road
Cincinnati, OH 45241
Phone: (513) 351-9919
(800) 860-4867
www.modalshop.com



~Certificate of Calibration~

3149 East Kemper Rd.
Cincinnati, OH 45241
Ph : 513-351-9919
Fax: 513-458-2172
www.modalshop.com

Manufacturer: PCB

Model Number: 377B02

Serial Number: 305688

Asset ID:

Description: Free-Field Microphone

Sensitivity: 250 Hz 1 kHz

-25.98 -26.07 dB re. 1V/Pa
50.21 49.73 mV/Pa

Cal. Results: In Tolerance

Customer: TMS Rental

Address:

Calibration Date: Oct 17, 2019 12:41:06

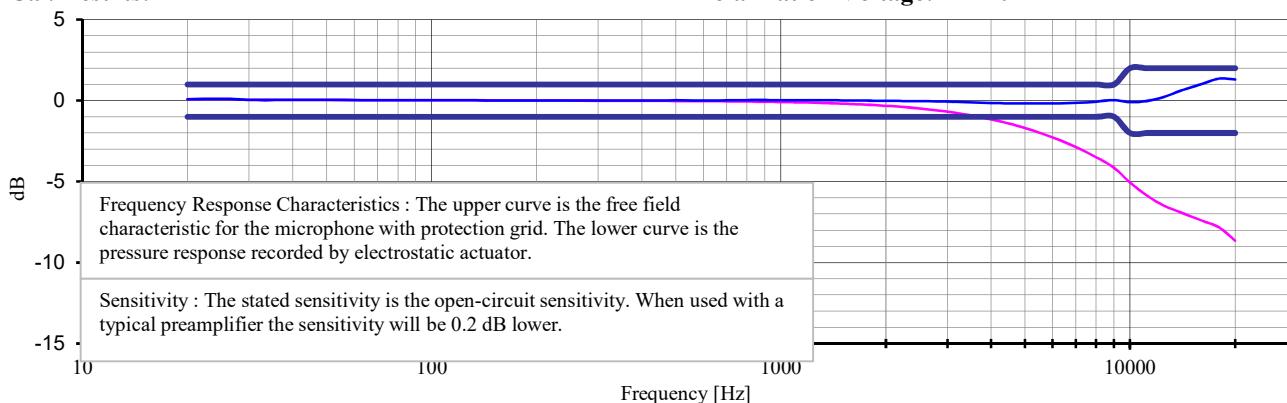
Due Date:

Temperature: 71 (22) °F (°C)

Humidity: 40 %

Ambient Pressure: 994.4 mbar

Polarization Voltage: 0 VDC



Traceability: The calibration is traceable through NIST Project A1801.

Notes: Calibration results relate only to the items calibrated.

This certificate may not be reproduced, except in full, without written permission.

This calibration is performed in compliance with ISO 9001, ISO 17025 and ANSI Z540.

Measurement uncertainty (250 Hz sensitivity calibration) at 95% confidence level: 0.30 dB

Calibrated per procedure PRD-P204.

User Note: As Found / As Left: In Tolerance.

Frequency Response with reference to level at 250 Hz

Frequency (Hz)	Upper (dB)						
20	0.09	630	0.00	4500	-0.17		
25	0.11	800	0.03	5000	-0.17		
31.5	0.04	1000	0.03	5600	-0.17		
40	0.05	1120	0.03	6300	-0.16		
50	0.04	1250	0.03	7100	-0.13		
63	0.03	1400	0.03	8000	-0.06		
80	0.03	1600	0.00	9000	0.03		
100	0.02	1800	0.00	10000	-0.10		
125	0.02	2000	-0.01	11200	-0.02		
160	0.01	2240	-0.03	12500	0.23		
200	0.00	2500	-0.03	14000	0.62		
250	0.00	2800	-0.05	16000	1.01		
315	0.00	3150	-0.07	18000	1.36		
400	0.00	3550	-0.11	20000	1.30		
500	0.02	4000	-0.14				

Technician: Ed Devlin

Reference Equipment Used:

Manuf.	Model	Serial	Cal. Date	Due Date
GRAS	40AG	58094	2/11/2019	2/11/2020

Approval: Ed Devlin



Calibration Lab

CALIBRATION CERT 2649.01

Certificate of Calibration and Conformance

This document certifies that the instrument referenced below meets published specifications per Procedure PRD-P263; ANSI S1.4-1983 (R 2006) Type 1; S1.4A-1985; S1.43-1997 Type 1; S1.11-2004 Octave Band Class 0; S1.25-1991; IEC 61672-2002 Class 1; 60651-2001 Type 1; 60804-2000 Type 1; 61260-2001 Class 0; 61252-2002.

Manufacturer:	Larson Davis	Temperature:	71.2	°F
Model Number:	831		21.78	°C
Serial Number:	3331	Rel. Humidity:	33.5	%
Customer:	TMS Rental	Pressure:	979.5	mbars
Description:	Sound Level Meter		979.5	hPa

Note: _____ As Found/As Left: In Tolerance

Upon receipt for testing, this instrument was found to be:

Within _____ the stated tolerance of the manufacturer's specification.

Calibration Date: 3-Feb-20 Calibration Due: _____

Calibration Standards Used:

Manufacturer	Model	Serial Number	Cal Due
Stanford Research Systems	DS360	123270	5/6/2020

This Certificate attests that this instrument has been calibrated under the stated conditions with Measurement and Test Equipment (M&TE) Standards traceable to the National Institute of Standards and Technology (NIST). All of the Measurement Standards have been calibrated to their manufacturers' specified accuracy / uncertainty. Evidence of traceability and accuracy is on file at The Modal Shop and/or Larson Davis Corporate Headquarters. An acceptable accuracy ratio between the Standard(s) and the item calibrated has been maintained. This instrument meets or exceeds the manufacturer's published specification unless noted.

The results documented in this certificate relate only to the item(s) calibrated or tested. Calibration interval assignment and adjustment are the responsibility of the end user. This certificate may not be reproduced, except in full, without the written approval of The Modal Shop.

Technician: William Kellner Signature: _____



3149 East Kemper Road
Cincinnati, OH 45241
Phone: (513) 351-9919
(800) 860-4867
www.modalshop.com



~Certificate of Calibration~

3149 East Kemper Rd.
Cincinnati, OH 45241
Ph : 513-351-9919
Fax: 513-458-2172
www.modalshop.com

Manufacturer: PCB
Model Number: 377B02
Serial Number: 302603

Asset ID:
Description: Free-Field Microphone

Sensitivity: 250 Hz 1 kHz
-25.65 -25.69 dB re. 1V/Pa
52.16 51.94 mV/Pa

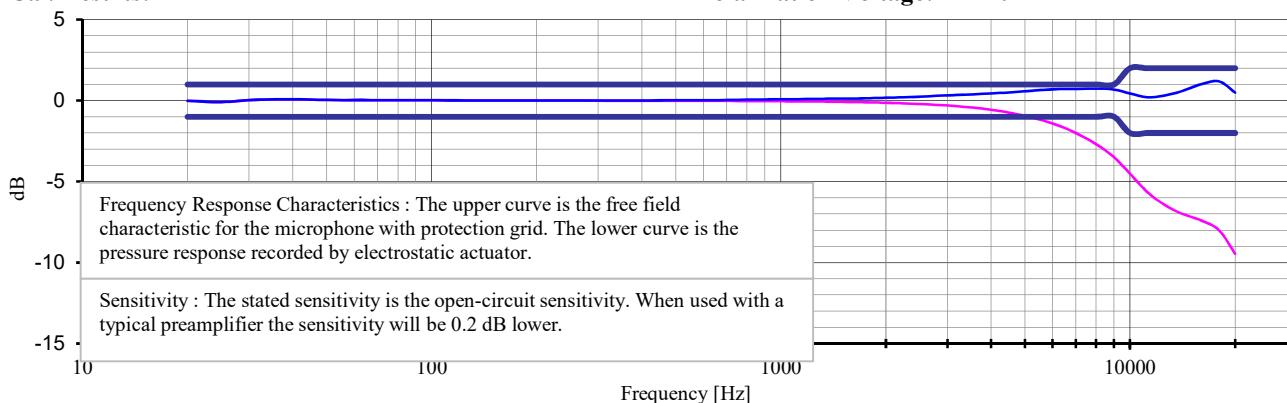
Cal. Results: In Tolerance

Customer: TMS Rental
Address:

Calibration Date: Apr 30, 2019 10:07:58
Due Date:

Temperature: 75 (24) °F (°C)
Humidity: 43 %
Ambient Pressure: 1001.7 mbar

Polarization Voltage: 0 VDC



Frequency Response Characteristics : The upper curve is the free field characteristic for the microphone with protection grid. The lower curve is the pressure response recorded by electrostatic actuator.

Sensitivity : The stated sensitivity is the open-circuit sensitivity. When used with a typical preamplifier the sensitivity will be 0.2 dB lower.

Traceability: The calibration is traceable through NIST Project A1801.

Notes: Calibration results relate only to the items calibrated.

This certificate may not be reproduced, except in full, without written permission.

This calibration is performed in compliance with ISO 9001, ISO 17025 and ANSI Z540.

Measurement uncertainty (250 Hz sensitivity calibration) at 95% confidence level: 0.30 dB

Calibrated per procedure PRD-P204.

User Note: As Found / As Left: In Tolerance.

Frequency Response with reference to level at 250 Hz

Frequency (Hz)	Upper (dB)						
20	-0.01	630	0.02	4500	0.51		
25	-0.09	800	0.06	5000	0.58		
31.5	0.05	1000	0.08	5600	0.66		
40	0.08	1120	0.09	6300	0.71		
50	0.04	1250	0.10	7100	0.73		
63	0.04	1400	0.12	8000	0.74		
80	0.02	1600	0.12	9000	0.68		
100	0.02	1800	0.15	10000	0.44		
125	0.01	2000	0.18	11200	0.21		
160	0.01	2240	0.20	12500	0.30		
200	0.00	2500	0.25	14000	0.57		
250	0.00	2800	0.29	16000	1.01		
315	0.01	3150	0.34	18000	1.18		
400	0.00	3550	0.39	20000	0.50		
500	0.03	4000	0.44				

Technician: Ed Devlin

Reference Equipment Used:

Manuf.	Model	Serial	Cal. Date	Due Date
GRAS	40AG	58094	2/11/2019	2/11/2020

Approval: Ed Devlin



Calibration Lab

CALIBRATION CERT 2649.01



ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)



Calibration Certificate No.43714

Instrument: Sound Level Meter
Model: 831
Manufacturer: Larson Davis
Serial number: 0003047
Tested with: Microphone 377B20 s/n LW130579
Preamplifier PRM831 s/n 023825
Type (class): 1
Customer: Epsilon Associates, Inc.
Tel/Fax: 978-461-6235 / 978-897-0099

Date Calibrated: 9/30/2019 **Cal Due:**
Status: Received Sent
In tolerance: X X
Out of tolerance: _____
See comments: Contains non-accredited tests: Yes X No
Calibration service: Basic X Standard
Address: 3 Mill & Main Place, Suite 250
Maynard, MA 01754

Tested in accordance with the following procedures and standards:

Calibration of Sound Level Meters, Scantek Inc., Rev. 6/26/2015
SLM & Dosimeters – Acoustical Tests, Scantek Inc., Rev. 7/6/2011

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence	Cal. Due
				Cal. Lab / Accreditation	
483B-Norsonic	SME Cal Unit	31061	Jul 31, 2020	Scantek, Inc./ NVLAP	Jul 31, 2020
DS-360-SRS	Function Generator	61646	Sep 7, 2018	ACR Env./ A2LA	Sep 7, 2020
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Oct 1, 2018	ACR Env./ A2LA	Oct 1, 2019
HM30-Thommen	Meteo Station	1040170/39633	Nov 13, 2018	ACR Env./ A2LA	Nov 13, 2019
PC Program 1019 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1251-Norsonic	Calibrator	30878	Nov 11, 2018	Scantek, Inc./ NVLAP	Nov 11, 2019

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK).

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
21.2	100.85	59.1

Calibrated by:	Jeremy Gotwalt	Authorized signatory:	Steven E. Marshall
Signature		Signature	
Date	9/30/19	Date	10/1/2019

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Results summary: Device complies with following clauses of mentioned specifications:

CLAUSES ¹ FROM IEC/ANSI STANDARDS REFERENCED IN PROCEDURES:	RESULT ^{2,3}	EXPANDED UNCERTAINTY (coverage factor 2) [dB]
INDICATION AT THE CALIBRATION CHECK FREQUENCY - IEC61672-3 ED.2 CLAUSE 10	Passed	0.15
SELF-GENERATED NOISE - IEC 61672-3 ED.2 CLAUSE 11	Passed	0.3
FREQUENCY WEIGHTINGS: A NETWORK - IEC 61672-3 ED.2.0 CLAUSE 13	Passed	0.2
FREQUENCY WEIGHTINGS: C NETWORK - IEC 61672-3 ED.2.0 CLAUSE 13	Passed	0.2
FREQUENCY WEIGHTINGS: Z NETWORK - IEC 61672-3 ED.2.0 CLAUSE 13	Passed	0.2
FREQUENCY AND TIME WEIGHTINGS AT 1 KHZ IEC 61672-3 ED.2.0 CLAUSE 14	Passed	0.2
LEVEL LINEARITY ON THE REFERENCE LEVEL RANGE - IEC 61672-3 ED.2 CLAUSE 16	Passed	0.25
LEVEL LINEARITY INCLUDING THE LEVEL RANGE CONTROL - IEC 61672-3 ED.2.0 CLAUSE 17	Passed	0.25
TONEBURST RESPONSE - IEC 61672-3 ED.2.0 CLAUSE 18	Passed	0.3
PEAK C SOUND LEVEL - IEC 61672-3 ED.2.0 CLAUSE 19	Passed	0.35
OVERLOAD INDICATION - IEC 61672-3 ED.2.0 CLAUSE 20	Passed	0.25
HIGH LEVEL STABILITY TEST - IEC 61672-3 ED.2.0 CLAUSE 21	Passed	0.1
LONG TERM STABILITY TEST - IEC 61672-3 ED.2.0 CLAUSE 15	Passed	0.1
FILTER TEST 1/10CTAVE: RELATIVE ATTENUATION - IEC 61260, CLAUSE 4.4 & #5.3	Passed	0.25
FILTER TEST 1/3OCTAVE: RELATIVE ATTENUATION - IEC 61260, CLAUSE 4.4 & #5.3	Passed	0.25
COMBINED ELECTRICAL AND ACOUSTICAL TEST - IEC 61672-3 ED.2.0 CLAUSE 13	Passed	See test report

1 The results of this calibration apply only to the instrument type with serial number identified in this report.

2 Parameters are certified at actual environmental conditions.

3 The tests marked with (*) are not covered by the current NVLAP accreditation.

Comments: The sound level meter submitted for testing has successfully completed the class 1 periodic tests of IEC 61672-3, for the environmental conditions under which the tests were performed. As public evidence was available, from an independent testing organization responsible for approving the results of pattern evaluation tests performed in accordance with IEC 61672-2, to demonstrate that the model of sound level meter fully conforms to the requirements in the IEC 61672-2, the sound level meter submitted for testing conforms to the class 1 requirements of IEC 61672-1.

Note: The instrument was tested for the parameters listed in the table above, using the test methods described in the listed standards. All tests were performed around the reference conditions. The test results were compared with the manufacturer's or with the standard's specifications, whichever are larger.

Compliance with any standard cannot be claimed based solely on the periodic tests.

Tests made with the following attachments to the instrument:

Microphone:	PCB Piezotronics 377B20 s/n LW130579 for acoustical test
Preamplifier:	Larson Davis PRM831 s/n 023825 for all tests
Other:	line adaptor ADP005 (18pF) for electrical tests
Accompanying acoustical calibrator:	Larson Davis CAL200 s/n 7147
Windscreen:	none

Measured Data: In Test Report # 43714 of 9+1 pages.

Place of Calibration: Scantek, Inc.

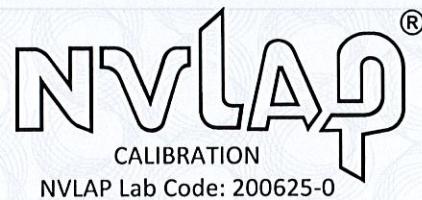
6430 Dobbin Road, Suite C
Columbia, MD 21045 USA

Ph/Fax: 410-290-7726 / -9167
callab@scantekinc.com

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.



ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)



Calibration Certificate No.43715

Instrument: Microphone
Model: 377B20
Manufacturer: PCB Piezotronics
Serial number: LW130579
Composed of:

Customer: Epsilon Associates, Inc.
Tel/Fax: 978-461-6235/978-897-0099

Date Calibrated: 9/30/2019 Cal Due:
Status: Received Sent
In tolerance: X X
Out of tolerance:
See comments:
Contains non-accredited tests: Yes No

Address: 3 Mill & Main Place, Suite 250,
Maynard, MA 01754

Tested in accordance with the following procedures and standards:

Calibration of Measurement Microphones, Scantek, Inc., Rev. 2/25/2015

Instrumentation used for calibration: N-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence	Cal. Due
				Cal. Lab / Accreditation	
483B-Norsonic	SME Cal Unit	31061	Jul 31, 2020	Scantek, Inc./ NVLAP	Jul 31, 2020
DS-360-SRS	Function Generator	61646	Sep 7, 2018	ACR Env./ A2LA	Sep 7, 2020
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Oct 1, 2018	ACR Env. / A2LA	Oct 1, 2019
HM30-Thommen	Meteo Station	1040170/39633	Nov 13, 2018	ACR Env./ A2LA	Nov 13, 2019
PC Program 1017 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
1253-Norsonic	Calibrator	28326	Nov 11, 2018	Scantek, Inc./ NVLAP	Nov 11, 2019
1203-Norsonic	Preamplifier	21270	Aug 5, 2019	Scantek, Inc./ NVLAP	Aug 5, 2020
4180-Brüel&Kjær	Microphone	2246115	Oct 24, 2017	DANAK / DPLA	Oct 24, 2019

Instrumentation and test results are traceable to SI - BIPM through standards maintained by NPL (UK) and NIST (USA)

Calibrated by:	Jeremy Gotwalt	Authorized signatory:	Steven E. Marshall
Signature		Signature	
Date	9/30/19	Date	10/1/2019

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Document stored as: Z:\Calibration Lab\Mic 2019\PCB377B20_LW130579_M1.doc

Page 1 of 2

Results summary: Device was tested and complies with following clauses of mentioned specifications:

CLAUSES / METHODS ¹ FROM PROCEDURES		MET ^{2,3}	NOT MET	NOT TESTED	MEASUREMENT EXPANDED UNCERTAINTY (coverage factor 2)
Open circuit sensitivity (insert voltage method, 250 Hz)		X			See below
Frequency response	Actuator response	X			63 – 200Hz: 0.3 dB 200 – 8000 Hz: 0.2 dB 8 – 10 kHz: 0.5 dB 10 – 20 kHz: 0.7 dB 20 – 50 kHz: 0.9 dB 50 – 100 kHz: 1.2 dB
	FF/Diffuse field responses	X			63 – 200Hz: 0.3 dB 200 – 4000 Hz: 0.2 dB 4 – 10 kHz: 0.6 dB 10 – 20 kHz: 0.9 dB 20 – 50 kHz: 2.2 dB 50 – 100 kHz: 4.4 dB
	Scantek, Inc. acoustical method			X	31.5 – 125 Hz: 0.16 dB 250, 1000 Hz: 0.12 dB 2 – 8 kHz: 0.8 dB 12.5 – 16 kHz: 2.4 dB

¹ The results of this calibration apply only to the instrument type with serial number identified in this report.

² Results are normalized to the reference conditions.

³ The tests marked with (*) are not covered by the current NVLAP accreditation.

Note: The free field/diffuse field characteristics were calculated based on the measured actuator response and adjustment coefficients as provided by the manufacturer. The uncertainties reported for these characteristics may include assumed uncertainty components for the adjustment coefficients.

Comments: The instrument was tested and met all specifications found in the referenced procedures.

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
21.8 ± 1.0	100.94 ± 0.020	64.7 ± 2.0

Main measured parameters:

Tone frequency (Hz)	Measured ⁴ /Acceptable Open circuit sensitivity (dB re 1V/Pa)	Sensitivity (mV/Pa)
250	-26.76 ± 0.12/ -26.0 ± 1.5	45.92

⁴ The reported expanded uncertainty is calculated with a coverage factor k=2.00

Tests made with following attachments to instrument and auxiliary devices:

Protection grid mounted for sensitivity measurements

Actuator type: G.R.A.S. RA0014

Measured Data: Found on Microphone Test Report # 43715 of one page.

Place of Calibration: Scantek, Inc.

6430 Dobbin Road, Suite C
Columbia, MD 21045 USA

Ph/Fax: 410-290-7726/ -9167
callab@scantekinc.com

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Document stored as: Z:\Calibration Lab\Mic 2019\PCB377B20_LW130579_M1.doc

Page 2 of 2

Calibration Certificate

Certificate Number 2019005330

Customer:

The Modal Shop
3149 East Kemper Road
Cincinnati, OH 45241, United States

Model Number	831C	Procedure Number	D0001.8384
Serial Number	10783	Technician	Kyle Holm
Test Results	Pass	Calibration Date	2 May 2019
Initial Condition	As Manufactured	Calibration Due	
Description	Larson Davis Model 831C Class 1 Sound Level Meter Firmware Revision: 03.3.1R2	Temperature	23.77 °C ± 0.25 °C
		Humidity	48.8 %RH ± 2.0 %RH
		Static Pressure	86.17 kPa ± 0.13 kPa
Evaluation Method	Tested with:	Data reported in dB re 20 µPa.	
	Larson Davis PRM2103. S/N 001516		
	PCB 377B02. S/N 313622		
	Larson Davis CAL200. S/N 9079		
	Larson Davis CAL291. S/N 0108		
Compliance Standards	Compliant to Manufacturer Specifications and the following standards when combined with Calibration Certificate from procedure D0001.8378:		
	IEC 60651:2001 Type 1	ANSI S1.4-2014 Class 1	
	IEC 60804:2000 Type 1	ANSI S1.4 (R2006) Type 1	
	IEC 61260:2014 Class 1	ANSI S1.11-2014 Class 1	
	IEC 61672:2013 Class 1	ANSI S1.43 (R2007) Type 1	

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the International System of Units (SI) through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2005.

Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.

The quality system is registered to ISO 9001:2015.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma ($k=2$) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

This report may not be reproduced, except in full, unless permission for the publication of an approved abstract is obtained in writing from the organization issuing this report.

Correction data from Larson Davis SoundAdvisor Model 831C Reference Manual, I831C.01 Rev B, 2017-03-31

For 1/4" microphones, the Larson Davis ADP024 1/4" to 1/2" adaptor is used with the calibrators and the Larson Davis ADP043 1/4" to

LARSON DAVIS - A PCB PIEZOTRONICS DIV.

1681 West 820 North
Provo, UT 84601, United States
716-684-0001



LARSON DAVIS
A PCB PIEZOTRONICS DIV.

1/2" adaptor is used with the preamplifier.

Calibration Check Frequency: 1000 Hz; Reference Sound Pressure Level: 114 dB re 20 μ Pa; Reference Range: 0 dB gain

Periodic tests were performed in accordance with procedures from IEC 61672-3:2013 / ANSI/ASA S1.4-2014/Part3.

No Pattern approval for IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1 available.

The sound level meter submitted for testing successfully completed the periodic tests of IEC 61672-3:2013 / ANSI/ASA S1.4-2014/Part 3, for the environmental conditions under which the tests were performed. However, no general statement or conclusion can be made about conformance of the sound level meter to the full specifications of IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1 because (a) evidence was not publicly available, from an independent testing organization responsible for pattern approvals, to demonstrate that the model of sound level meter fully conformed to the class 1 specifications in IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1 or correction data for acoustical test of frequency weighting were not provided in the Instruction Manual and (b) because the periodic tests of IEC 61672-3:2013 / ANSI/ASA S1.4-2014/Part 3 cover only a limited subset of the specifications in IEC 61672-1:2013 / ANSI/ASA S1.4-2014/Part 1.

Standards Used

Description	Cal Date	Cal Due	Cal Standard
Larson Davis CAL291 Residual Intensity Calibrator	2018-09-19	2019-09-19	001250
SRS DS360 Ultra Low Distortion Generator	2018-06-21	2019-06-21	006311
Hart Scientific 2626-H Temperature Probe	2018-08-19	2019-08-19	006798
Larson Davis CAL200 Acoustic Calibrator	2018-07-24	2019-07-24	007027
Larson Davis Model 831	2019-02-22	2020-02-22	007182
PCB 377A13 1/2 inch Prepolarized Pressure Microphone	2019-03-06	2020-03-06	007185

Acoustic Calibration

Measured according to IEC 61672-3:2013 10 and ANSI S1.4-2014 Part 3: 10

Measurement	Test Result [dB]	Lower Limit [dB]	Upper Limit [dB]	Expanded Uncertainty [dB]	Result
1000 Hz	114.01	113.80	114.20	0.14	Pass

Acoustic Signal Tests, C-weighting

Measured according to IEC 61672-3:2013 12 and ANSI S1.4-2014 Part 3: 12 using a comparison coupler with Unit Under Test (UUT) and reference SLM using slow time-weighted sound level for compliance to IEC 61672-1:2013 5.5; ANSI S1.4-2014 Part 1: 5.5

Frequency [Hz]	Test Result [dB]	Expected [dB]	Lower Limit [dB]	Upper Limit [dB]	Expanded Uncertainty [dB]	Result
125	-0.15	-0.20	-1.20	0.80	0.23	Pass
1000	0.17	0.00	-0.70	0.70	0.23	Pass
8000	-3.83	-3.00	-5.50	-1.50	0.32	Pass

-- End of measurement results--

Self-generated Noise

Measured according to IEC 61672-3:2013 11.1 and ANSI S1.4-2014 Part 3: 11.1

Measurement	Test Result [dB]
A-weighted, 20 dB gain	40.11

-- End of measurement results--

LARSON DAVIS - A PCB PIEZOTRONICS DIV.

1681 West 820 North
Provo, UT 84601, United States
716-684-0001



LARSON DAVIS
A PCB PIEZOTRONICS DIV.

-- End of Report--

Signatory: Kyle Holm

LARSON DAVIS - A PCB PIEZOTRONICS DIV.
1681 West 820 North
Provo, UT 84601, United States
716-684-0001





~Certificate of Calibration~

3149 East Kemper Rd.
Cincinnati, OH 45241
Ph : 513-351-9919
Fax: 513-458-2172
www.modalshop.com

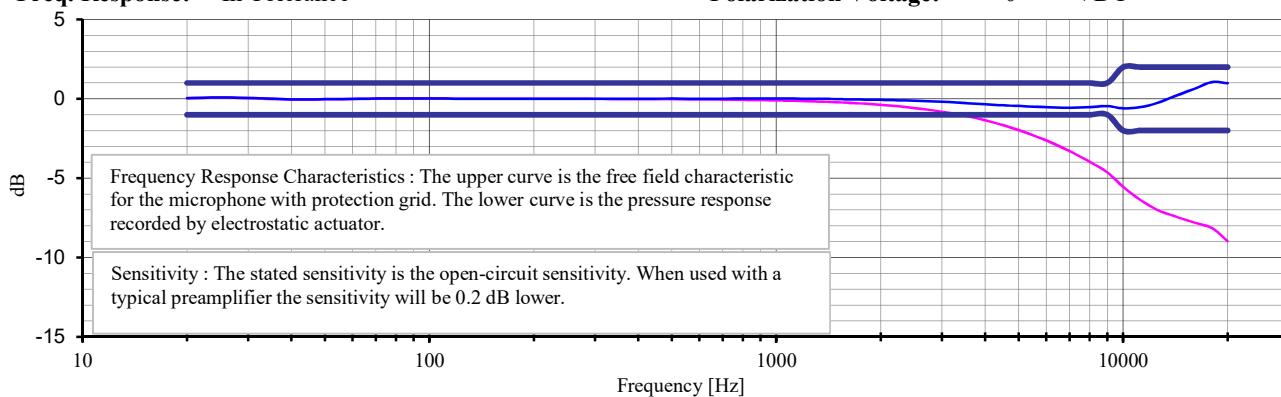
Manufacturer: PCB
Model Number: 377B02
Serial Number: 306236
Asset ID:
Description: Free-Field Microphone

Sensitivity: 250 Hz 1 kHz
-25.73 -25.83 dB re. 1V/Pa
51.68 51.10 mV/Pa

Reference Sens: In Tolerance
Freq. Response: In Tolerance

Customer: TMS Rental
Address:
Cal Date / Cal ID: Mar 04, 2020 14:07:12
Due Date:
Temperature: 70 (21) °F (°C)
Humidity: 31 %
Ambient Pressure: 989.2 mbar

Polarization Voltage: 0 VDC



Traceability: The calibration is traceable through NIST Project A2007.

Notes: Calibration results relate only to the items calibrated.

This certificate may not be reproduced, except in full, without written permission.

This calibration is performed in compliance with ISO 9001, ISO 17025 and ANSI Z540.

Measurement uncertainty (250 Hz sensitivity calibration) at 95% confidence level: 0.30 dB

Calibrated per procedure PRD-P204.

User Note: As Found / As Left: In Tolerance.

Frequency Response with reference to level at 250 Hz

Frequency (Hz)	Upper (dB)						
20	0.04	630	0.00	4500	-0.41		
25	0.09	800	0.03	5000	-0.45		
31.5	0.04	1000	0.02	5600	-0.49		
40	-0.03	1120	0.02	6300	-0.54		
50	-0.02	1250	0.01	7100	-0.56		
63	0.00	1400	0.00	8000	-0.52		
80	0.03	1600	-0.03	9000	-0.46		
100	0.02	1800	-0.05	10000	-0.60		
125	0.01	2000	-0.06	11200	-0.52		
160	0.01	2240	-0.09	12500	-0.27		
200	0.00	2500	-0.12	14000	0.15		
250	0.00	2800	-0.16	16000	0.62		
315	0.00	3150	-0.21	18000	1.05		
400	0.00	3550	-0.28	20000	0.98		
500	0.02	4000	-0.34				

Technician: Ed Devlin

Reference Equipment Used:

Manuf.	Model	Serial	Cal. Date	Due Date
GRAS	40AG	58094	2/19/2020	2/19/2021



Calibration Lab

CALIBRATION CERT 2649.01

Approval: Ed Devlin

Calibration Certificate

Certificate Number 2019006002

Customer:

The Modal Shop
3149 East Kemper Road
Cincinnati, OH 45241, United States

Model Number	831C	Procedure Number	D0001.8378
Serial Number	10814	Technician	Ron Harris
Test Results	Pass	Calibration Date	15 May 2019
Initial Condition	As Manufactured	Calibration Due	
Description	Larson Davis Model 831C Class 1 Sound Level Meter Firmware Revision: 03.3.1R2	Temperature	23.82 °C ± 0.25 °C
		Humidity	49 %RH ± 2.0 %RH
		Static Pressure	86.01 kPa ± 0.13 kPa
Evaluation Method	Tested electrically using Larson Davis PRM831 S/N 058561 and a 12.0 pF capacitor to simulate microphone capacitance. Data reported in dB re 20 µPa assuming a microphone sensitivity of 50.0 mV/Pa.		
Compliance Standards	Compliant to Manufacturer Specifications and the following standards when combined with Calibration Certificate from procedure D0001.8384:		
	IEC 60651:2001 Type 1	ANSI S1.4-2014 Class 1	
	IEC 60804:2000 Type 1	ANSI S1.4 (R2006) Type 1	
	IEC 61260:2014 Class 1	ANSI S1.11-2014 Class 1	
	IEC 61672:2013 Class 1	ANSI S1.43 (R2007) Type 1	

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the International System of Units (SI) through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2005. **Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.**

The quality system is registered to ISO 9001:2015.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma ($k=2$) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

This report may not be reproduced, except in full, unless permission for the publication of an approved abstract is obtained in writing from the organization issuing this report.

Correction data from Larson Davis SoundAdvisor Model 831C Reference Manual, I831C.01 Rev B, 2017-03-31

Calibration Check Frequency: 1000 Hz; Reference Sound Pressure Level: 114 dB re 20 µPa; Reference Range: 0 dB gain

LARSON DAVIS - A PCB PIEZOTRONICS DIV.

1681 West 820 North
Provo, UT 84601, United States
716-684-0001



LARSON DAVIS
A PCB PIEZOTRONICS DIV.



~Certificate of Calibration~

3149 East Kemper Rd.
Cincinnati, OH 45241
Ph : 513-351-9919
Fax: 513-458-2172
www.modalshop.com

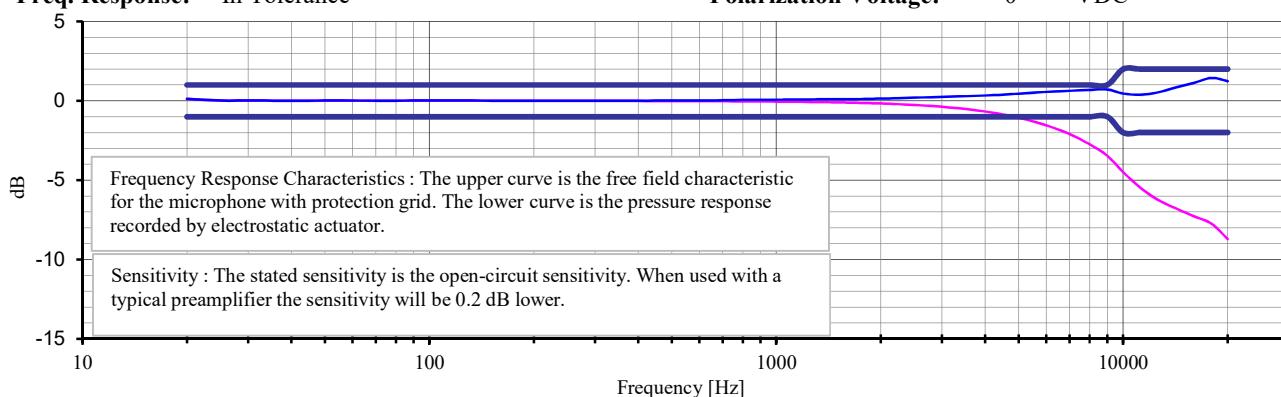
Manufacturer: PCB
Model Number: 377B02
Serial Number: 303634
Asset ID:
Description: Free-Field Microphone

Sensitivity: 250 Hz 1 kHz
-25.96 -26.01 dB re. 1V/Pa
50.36 50.07 mV/Pa

Customer: TMS Rental
Address:
Cal Date / Cal ID: Mar 04, 2020 14:12:47
Due Date:
Temperature: 70 (21) °F (°C)
Humidity: 31 %
Ambient Pressure: 989.2 mbar

Reference Sens: In Tolerance
Freq. Response: In Tolerance

Polarization Voltage: 0 VDC



Traceability: The calibration is traceable through NIST Project A2007.

Notes: Calibration results relate only to the items calibrated.

This certificate may not be reproduced, except in full, without written permission.

This calibration is performed in compliance with ISO 9001, ISO 17025 and ANSI Z540.

Measurement uncertainty (250 Hz sensitivity calibration) at 95% confidence level: 0.30 dB

Calibrated per procedure PRD-P204.

User Note: As Found / As Left: In Tolerance.

Frequency Response with reference to level at 250 Hz

Frequency (Hz)	Upper (dB)						
20	0.12	630	0.02	4500	0.39		
25	0.02	800	0.06	5000	0.45		
31.5	0.02	1000	0.07	5600	0.52		
40	0.00	1120	0.08	6300	0.59		
50	0.02	1250	0.09	7100	0.64		
63	0.01	1400	0.10	8000	0.69		
80	0.01	1600	0.10	9000	0.71		
100	0.02	1800	0.12	10000	0.46		
125	0.02	2000	0.14	11200	0.38		
160	0.01	2240	0.16	12500	0.52		
200	0.00	2500	0.20	14000	0.81		
250	0.00	2800	0.23	16000	1.13		
315	0.01	3150	0.26	18000	1.44		
400	0.00	3550	0.29	20000	1.24		
500	0.03	4000	0.34				

Technician: Ed Devlin

Reference Equipment Used:

Manuf.	Model	Serial	Cal. Date	Due Date
GRAS	40AG	58094	2/19/2020	2/19/2021



Calibration Lab

CALIBRATION CERT 2649.01

Approval: Ed Devlin



ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)



Calibration Certificate No.44210

Instrument:	Acoustical Calibrator	Date Calibrated:	1/15/2020	Cal Due:	1/15/2021
Model:	CAL200	Status:	Received	Sent	
Manufacturer:	Larson Davis	In tolerance:	X	X	
Serial number:	13676	Out of tolerance:			
Class (IEC 60942):	1	See comments:			
Barometer type:		Contains non-accredited tests:	Yes	X	No
Barometer s/n:					
Customer:	Epsilon Associates, Inc.	Address:	3 Mill & Main Place, Suite 250,		
Tel/Fax:	978-461-6235 / choyt@epsilonassociates.com		Maynard, MA 01754		

Tested in accordance with the following procedures and standards:

Calibration of Acoustical Calibrators, Scantek Inc., Rev. 10/1/2010

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence	Cal. Due
				Cal. Lab / Accreditation	
483B-Norsonic	SME Cal Unit	31052	Oct 31, 2019	Scantek, Inc./ NVLAP	Oct 31, 2020
DS-360-SRS	Function Generator	33584	Oct 23, 2019	ACR Env./ A2LA	Oct 23, 2021
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Oct 22, 2019	ACR Env. / A2LA	Oct 22, 2020
HM30-Thommen	Meteo Station	1040170/39633	Oct 24, 2019	ACR Env./ A2LA	Oct 24, 2020
140-Norsonic	Real Time Analyzer	1406423	Oct 31, 2019	Scantek / NVLAP	Oct 31, 2020
PC Program 1018 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
4134-Brüel&Kjær	Microphone	173368	Oct 23, 2019	Scantek, Inc. / NVLAP	Oct 23, 2020
1203-Norsonic	Preamplifier	14059	Feb 28, 2019	Scantek, Inc./ NVLAP	Feb 28, 2020

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK)

Calibrated by:	Lydon Dawkins	Authorized signatory:	William D. Gallagher
Signature		Signature	
Date	1/15/2020	Date	1/14/2020

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Document stored as: Y:\Calibration Lab\Cal 2020\LDCAL200_13676_M1.doc

Page 1 of 2

Results summary: Device was tested and complies with following clauses of mentioned specifications:

CLAUSES ¹ FROM STANDARDS REFERENCED IN PROCEDURES:	MET ²	NOT MET	COMMENTS
Manufacturer specifications			
Manufacturer specifications: Sound pressure level	X		
Manufacturer specifications: Frequency	X		
Manufacturer specifications: Total harmonic distortion	X		
Current standards			
ANSI S1.40:2006 B.3 / IEC 60942: 2003 B.2 - Preliminary inspection	X		
ANSI S1.40:2006 B.4.4 / IEC 60942: 2003 B.3.4 - Sound pressure level	X		
ANSI S1.40:2006 A.5.4 / IEC 60942: 2003 A.4.4 - Sound pressure level stability	-	-	
ANSI S1.40:2006 B.4.5 / IEC 60942: 2003 B.3.5 - Frequency	X		
ANSI S1.40:2006 B.4.6 / IEC 60942: 2003 B.3.6 - Total harmonic distortion	X		

¹ The results of this calibration apply only to the instrument type with serial number identified in this report.

² The tests marked with (*) are not covered by the current NVLAP accreditation.

Main measured parameters ³:

Measured ⁴ /Acceptable ⁵ Tone frequency (Hz):	Measured ⁴ /Acceptable ⁵ Total Harmonic Distortion (%):	Measured ⁴ /Acceptable Level ⁵ (dB):
1000.25 ± 1.0/1000.0 ± 10.0	0.34 ± 0.10/ < 3	93.94 ± 0.12/94.0 ± 0.4
1000.27 ± 1.0/1000.0 ± 10.0	0.38 ± 0.10/ < 3	113.94 ± 0.12/114.0 ± 0.4

³ The stated level is valid at measurement conditions.

⁴ The above expanded uncertainties for frequency and distortion are calculated with a coverage factor k=2; for level k=2.00

⁵ Acceptable parameters values are from the current standards

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
24.9 ± 1.0	100.52 ± 0.000	39.0 ± 2.0

Tests made with following attachments to instrument:

Calibrator ½" Adaptor Type:
Other:

Adjustments: Unit was not adjusted.

Comments: The instrument was tested and met all specifications found in the referenced procedures.

Note: The instrument was tested for the parameters listed in the table above, using the test methods described in the listed standards. All tests were performed around the reference conditions. The test results were compared with the manufacturer's or with the standard's specifications, whichever are larger.

Compliance with any standard cannot be claimed based solely on the periodic tests.

Measured Data: in Acoustical Calibrator Test Report # 44210 of two pages.

Place of Calibration: Scantek, Inc.
6430 Dobbin Road, Suite C
Columbia, MD 21045 USA

Ph/Fax: 410-290-7726/ -9167
callab@scantekinc.com

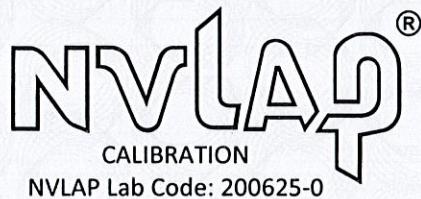
Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Document stored as: Y:\Calibration Lab\Cal 2020\LDCAL200_13676_M1.doc

Page 2 of 2



ISO 17025: 2005, ANSI/NCSL Z540:1994 Part 1
ACCREDITED by NVLAP (an ILAC MRA signatory)



Calibration Certificate No.45008

Instrument:	Acoustical Calibrator	Date Calibrated:	7/15/2020	Cal Due:	7/15/2021
Model:	CAL200	Status:	Received	Sent	
Manufacturer:	Larson Davis	In tolerance:	X	X	
Serial number:	2853	Out of tolerance:			
Class (IEC 60942):	1	See comments:			
Barometer type:		Contains non-accredited tests:	Yes	X	No
Barometer s/n:					
Customer:	Epsilon Associates, Inc.	Address:	3 Mill & Main Place, Suite 250,		
Tel/Fax:	978-461-6235 / choyt@epsilonassociates.com		Maynard, MA 01754		

Tested in accordance with the following procedures and standards:

Calibration of Acoustical Calibrators, Scantek Inc., Rev. 10/1/2010

Instrumentation used for calibration: Nor-1504 Norsonic Test System:

Instrument - Manufacturer	Description	S/N	Cal. Date	Traceability evidence	Cal. Due
				Cal. Lab / Accreditation	
483B-Norsonic	SME Cal Unit	31052	Oct 31, 2019	Scantek, Inc./ NVLAP	Oct 31, 2020
DS-360-SRS	Function Generator	33584	Oct 23, 2019	ACR Env./ A2LA	Oct 23, 2021
34401A-Agilent Technologies	Digital Voltmeter	MY47011118	Oct 22, 2019	ACR Env. / A2LA	Oct 22, 2020
HM30-Thommen	Meteo Station	1040170/39633	Oct 24, 2019	ACR Env./ A2LA	Oct 24, 2020
140-Norsonic	Real Time Analyzer	1406423	Oct 31, 2019	Scantek / NVLAP	Oct 31, 2020
PC Program 1018 Norsonic	Calibration software	v.6.1T	Validated Nov 2014	Scantek, Inc.	-
4134-Brüel&Kjær	Microphone	173368	Oct 23, 2019	Scantek, Inc. / NVLAP	Oct 23, 2020
1203-Norsonic	Preamplifier	14059	March 3, 2020	Scantek, Inc./ NVLAP	March 3, 2021

Instrumentation and test results are traceable to SI (International System of Units) through standards maintained by NIST (USA) and NPL (UK)

Calibrated by:	Lydon Dawkins	Authorized signatory:	William D. Gallagher
Signature		Signature	
Date	7/15/2020	Date	7/17/2020

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Document stored as: Y:\Calibration Lab\Cal 2020\LDCAL200_2853_M1.doc

Page 1 of 2

Results summary: Device was tested and complies with following clauses of mentioned specifications:

CLAUSES ¹ FROM STANDARDS REFERENCED IN PROCEDURES:	MET ²	NOT MET	COMMENTS
Manufacturer specifications			
Manufacturer specifications: Sound pressure level	X		
Manufacturer specifications: Frequency	X		
Manufacturer specifications: Total harmonic distortion	X		
Current standards			
ANSI S1.40:2006 B.3 / IEC 60942: 2003 B.2 - Preliminary inspection	X		
ANSI S1.40:2006 B.4.4 / IEC 60942: 2003 B.3.4 - Sound pressure level	X		
ANSI S1.40:2006 A.5.4 / IEC 60942: 2003 A.4.4 - Sound pressure level stability	-	-	
ANSI S1.40:2006 B.4.5 / IEC 60942: 2003 B.3.5 - Frequency	X		
ANSI S1.40:2006 B.4.6 / IEC 60942: 2003 B.3.6 - Total harmonic distortion	X		

1 The results of this calibration apply only to the instrument type with serial number identified in this report.

2 The tests marked with (*) are not covered by the current NVLAP accreditation.

Main measured parameters³:

Measured ⁴ /Acceptable ⁵ Tone frequency (Hz):	Measured ⁴ /Acceptable ⁵ Total Harmonic Distortion (%):	Measured ⁴ /Acceptable Level ⁵ (dB):
1000.30 ± 1.0/1000.0 ± 10.0	0.37 ± 0.10/ < 3	93.96 ± 0.13/94.0 ± 0.4
1000.29 ± 1.0/1000.0 ± 10.0	0.37 ± 0.10/ < 3	113.89 ± 0.12/114.0 ± 0.4

3 The stated level is valid at measurement conditions.

4 The above expanded uncertainties for frequency and distortion are calculated with a coverage factor k=2; for level k=2.00

5 Acceptable parameters values are from the current standards

Environmental conditions:

Temperature (°C)	Barometric pressure (kPa)	Relative Humidity (%)
23.2 ± 1.0	100.48 ± 0.000	40.7 ± 2.0

Tests made with following attachments to instrument:

Calibrator ½" Adaptor Type:
Other:

Adjustments: Unit was not adjusted.

Comments: The instrument was tested and met all specifications found in the referenced procedures.

Note: The instrument was tested for the parameters listed in the table above, using the test methods described in the listed standards. All tests were performed around the reference conditions. The test results were compared with the manufacturer's or with the standard's specifications, whichever are larger.

Compliance with any standard cannot be claimed based solely on the periodic tests.

Measured Data: in Acoustical Calibrator Test Report # 45008 of two pages.

Place of Calibration: Scantek, Inc.

6430 Dobbin Road, Suite C
Columbia, MD 21045 USA

Ph/Fax: 410-290-7726/ -9167
callab@scantekinc.com

Calibration Certificates or Test Reports shall not be reproduced, except in full, without written approval of the laboratory.
This Calibration Certificate or Test Reports shall not be used to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the federal government.

Document stored as: Y:\Calibration Lab\Cal 2020\LDCAL200_2853_M1.doc

Page 2 of 2

Appendix C

SUNY MesoNet Meteorological Data

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200914T000000	2020	09	14	00:00	62.3	81	0
20200914T000500	2020	09	14	00:05	62.1	80.9	0
20200914T001000	2020	09	14	00:10	61.9	81	0
20200914T001500	2020	09	14	00:15	61.8	81.1	0
20200914T002000	2020	09	14	00:20	61.6	81.4	0
20200914T002500	2020	09	14	00:25	61.8	79.6	0
20200914T003000	2020	09	14	00:30	61.7	79.7	0
20200914T003500	2020	09	14	00:35	61.7	79.4	0
20200914T004000	2020	09	14	00:40	61.5	79.8	0
20200914T004500	2020	09	14	00:45	61.5	79.9	0
20200914T005000	2020	09	14	00:50	61.4	79.9	0
20200914T005500	2020	09	14	00:55	61	80.8	0
20200914T010000	2020	09	14	01:00	60.6	81.6	0
20200914T010500	2020	09	14	01:05	60.4	81.7	0
20200914T011000	2020	09	14	01:10	60.4	81.7	0
20200914T011500	2020	09	14	01:15	60.4	81.8	0
20200914T012000	2020	09	14	01:20	60.5	82	0
20200914T012500	2020	09	14	01:25	60.5	82.1	0
20200914T013000	2020	09	14	01:30	60.5	82	0
20200914T013500	2020	09	14	01:35	60.3	82.4	0
20200914T014000	2020	09	14	01:40	60.2	82.7	0
20200914T014500	2020	09	14	01:45	60.2	82.4	0
20200914T015000	2020	09	14	01:50	60.1	82.6	0
20200914T015500	2020	09	14	01:55	60.1	82.5	0
20200914T020000	2020	09	14	02:00	60.1	82.2	0
20200914T020500	2020	09	14	02:05	60.1	82.1	0
20200914T021000	2020	09	14	02:10	60.1	82.1	0
20200914T021500	2020	09	14	02:15	60.1	81.8	0
20200914T022000	2020	09	14	02:20	59.9	82.2	0
20200914T022500	2020	09	14	02:25	59.8	82.6	0
20200914T023000	2020	09	14	02:30	59.7	83	0
20200914T023500	2020	09	14	02:35	59.6	83.2	0
20200914T024000	2020	09	14	02:40	59.5	83.4	0
20200914T024500	2020	09	14	02:45	59.3	84	0
20200914T025000	2020	09	14	02:50	59.2	84.3	0
20200914T025500	2020	09	14	02:55	59	85	0
20200914T030000	2020	09	14	03:00	58.8	85.3	0
20200914T030500	2020	09	14	03:05	58.6	85.9	0
20200914T031000	2020	09	14	03:10	58.3	86.9	0
20200914T031500	2020	09	14	03:15	58.2	86.9	0
20200914T032000	2020	09	14	03:20	58	87	0
20200914T032500	2020	09	14	03:25	57.7	87.7	0
20200914T033000	2020	09	14	03:30	57.5	88.4	0
20200914T033500	2020	09	14	03:35	57.2	89.1	0
20200914T034000	2020	09	14	03:40	56.9	89.5	0
20200914T034500	2020	09	14	03:45	56.5	90.1	0
20200914T035000	2020	09	14	03:50	56	91	0
20200914T035500	2020	09	14	03:55	55.9	91.5	0
20200914T040000	2020	09	14	04:00	56	91.5	0
20200914T040500	2020	09	14	04:05	55.8	91.8	0
20200914T041000	2020	09	14	04:10	55.9	91.7	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200914T041500	2020	09	14	04:15	56	92	0
20200914T042000	2020	09	14	04:20	56.1	91.8	0
20200914T042500	2020	09	14	04:25	56	91.9	0
20200914T043000	2020	09	14	04:30	56	92	0
20200914T043500	2020	09	14	04:35	56	91.7	0
20200914T044000	2020	09	14	04:40	55.9	91.9	0
20200914T044500	2020	09	14	04:45	55.8	92	0
20200914T045000	2020	09	14	04:50	55.8	92	0
20200914T045500	2020	09	14	04:55	55.7	92.1	0
20200914T050000	2020	09	14	05:00	55.7	92.2	0
20200914T050500	2020	09	14	05:05	55.7	92.3	0
20200914T051000	2020	09	14	05:10	55.6	92.6	0
20200914T051500	2020	09	14	05:15	55.6	92.5	0
20200914T052000	2020	09	14	05:20	55.5	92.6	0
20200914T052500	2020	09	14	05:25	55.5	92.9	0
20200914T053000	2020	09	14	05:30	55.4	92.9	0
20200914T053500	2020	09	14	05:35	55.3	92.9	0
20200914T054000	2020	09	14	05:40	55.3	92.7	0
20200914T054500	2020	09	14	05:45	55.2	92.5	0
20200914T055000	2020	09	14	05:50	55.2	91.4	0
20200914T055500	2020	09	14	05:55	55.1	90.7	0
20200914T060000	2020	09	14	06:00	55	90.6	0
20200914T060500	2020	09	14	06:05	54.9	90.3	0
20200914T061000	2020	09	14	06:10	54.7	90.8	0
20200914T061500	2020	09	14	06:15	54.6	91.1	0
20200914T062000	2020	09	14	06:20	54.7	90.8	0
20200914T062500	2020	09	14	06:25	54.7	90.5	0
20200914T063000	2020	09	14	06:30	54.7	90.8	0
20200914T063500	2020	09	14	06:35	54.6	91.5	0
20200914T064000	2020	09	14	06:40	54.6	91.7	0
20200914T064500	2020	09	14	06:45	54.5	91.9	0
20200914T065000	2020	09	14	06:50	54.4	91.6	0
20200914T065500	2020	09	14	06:55	54.3	91.3	0
20200914T070000	2020	09	14	07:00	54.2	90.9	0
20200914T070500	2020	09	14	07:05	54.1	90.2	0
20200914T071000	2020	09	14	07:10	54	88.3	0
20200914T071500	2020	09	14	07:15	53.8	86.6	0
20200914T072000	2020	09	14	07:20	53.6	86.9	0
20200914T072500	2020	09	14	07:25	53.2	83.9	0
20200914T073000	2020	09	14	07:30	52.9	82.7	0
20200914T073500	2020	09	14	07:35	52.5	80.1	0
20200914T074000	2020	09	14	07:40	52.2	78.4	0
20200914T074500	2020	09	14	07:45	51.8	76.6	0
20200914T075000	2020	09	14	07:50	51.6	77.1	0
20200914T075500	2020	09	14	07:55	51.5	76.3	0
20200914T080000	2020	09	14	08:00	51.3	75.6	0
20200914T080500	2020	09	14	08:05	51.2	74.7	0
20200914T081000	2020	09	14	08:10	51	75.3	0
20200914T081500	2020	09	14	08:15	51	75.3	0
20200914T082000	2020	09	14	08:20	50.7	74.5	0
20200914T082500	2020	09	14	08:25	50.4	74.9	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200914T083000	2020	09	14	08:30	50.5	74.5	0
20200914T083500	2020	09	14	08:35	50.6	73	0
20200914T084000	2020	09	14	08:40	50.8	70.8	0
20200914T084500	2020	09	14	08:45	50.6	69.5	0
20200914T085000	2020	09	14	08:50	50.5	69.4	0
20200914T085500	2020	09	14	08:55	50.7	69.8	0
20200914T090000	2020	09	14	09:00	50.8	68.5	0
20200914T090500	2020	09	14	09:05	51	69	0
20200914T091000	2020	09	14	09:10	50.9	66.2	0
20200914T091500	2020	09	14	09:15	51	64.9	0
20200914T092000	2020	09	14	09:20	51.1	65.1	0
20200914T092500	2020	09	14	09:25	51.2	66	0
20200914T093000	2020	09	14	09:30	51.3	65.5	0
20200914T093500	2020	09	14	09:35	51.5	65.4	0
20200914T094000	2020	09	14	09:40	51.8	65.6	0
20200914T094500	2020	09	14	09:45	52	65.2	0
20200914T095000	2020	09	14	09:50	51.9	64.8	0
20200914T095500	2020	09	14	09:55	51.9	65.4	0
20200914T100000	2020	09	14	10:00	52	65.6	0
20200914T100500	2020	09	14	10:05	52.5	64.9	0
20200914T101000	2020	09	14	10:10	53	65.1	0
20200914T101500	2020	09	14	10:15	52.4	64.3	0
20200914T102000	2020	09	14	10:20	52.8	64.2	0
20200914T102500	2020	09	14	10:25	52.9	64.1	0
20200914T103000	2020	09	14	10:30	52.4	65	0
20200914T103500	2020	09	14	10:35	53.4	64.5	0
20200914T104000	2020	09	14	10:40	52.8	63.4	0
20200914T104500	2020	09	14	10:45	53.6	64.1	0
20200914T105000	2020	09	14	10:50	53.6	62.2	0
20200914T105500	2020	09	14	10:55	53.4	63.3	0
20200914T110000	2020	09	14	11:00	53.7	62.2	0
20200914T110500	2020	09	14	11:05	53.5	62.4	0
20200914T111000	2020	09	14	11:10	53.3	61.8	0
20200914T111500	2020	09	14	11:15	53.6	61.5	0
20200914T112000	2020	09	14	11:20	54.4	60.4	0
20200914T112500	2020	09	14	11:25	54	61	0
20200914T113000	2020	09	14	11:30	54.2	61.2	0
20200914T113500	2020	09	14	11:35	54.4	61.9	0
20200914T114000	2020	09	14	11:40	55	60.6	0
20200914T114500	2020	09	14	11:45	54.7	60.2	0
20200914T115000	2020	09	14	11:50	54.2	62.4	0
20200914T115500	2020	09	14	11:55	55.2	60.6	0
20200914T120000	2020	09	14	12:00	54.5	59.8	0
20200914T120500	2020	09	14	12:05	54.2	61	0
20200914T121000	2020	09	14	12:10	54.5	59.1	0
20200914T121500	2020	09	14	12:15	54.8	58.5	0
20200914T122000	2020	09	14	12:20	55.4	58.9	0
20200914T122500	2020	09	14	12:25	55.9	57.7	0
20200914T123000	2020	09	14	12:30	56.1	57.3	0
20200914T123500	2020	09	14	12:35	55.6	55.5	0
20200914T124000	2020	09	14	12:40	55.2	57.8	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200914T124500	2020	09	14	12:45	55.2	58.7	0
20200914T125000	2020	09	14	12:50	55.6	58.4	0
20200914T125500	2020	09	14	12:55	55	58.1	0
20200914T130000	2020	09	14	13:00	55.5	60.2	0
20200914T130500	2020	09	14	13:05	56.6	59	0
20200914T131000	2020	09	14	13:10	56.3	59.2	0
20200914T131500	2020	09	14	13:15	55.4	58.9	0
20200914T132000	2020	09	14	13:20	56.3	57.7	0
20200914T132500	2020	09	14	13:25	55.9	57.5	0
20200914T133000	2020	09	14	13:30	54.2	60.1	0
20200914T133500	2020	09	14	13:35	54.7	60.3	0
20200914T134000	2020	09	14	13:40	56.5	56.4	0
20200914T134500	2020	09	14	13:45	55.8	56.9	0
20200914T135000	2020	09	14	13:50	54.6	58.3	0
20200914T135500	2020	09	14	13:55	55.7	56.8	0
20200914T140000	2020	09	14	14:00	55.1	55.7	0
20200914T140500	2020	09	14	14:05	55.8	56.6	0
20200914T141000	2020	09	14	14:10	55.7	56.6	0
20200914T141500	2020	09	14	14:15	55.2	57.1	0
20200914T142000	2020	09	14	14:20	56.3	57.7	0
20200914T142500	2020	09	14	14:25	56.9	56.3	0
20200914T143000	2020	09	14	14:30	55.5	56.5	0
20200914T143500	2020	09	14	14:35	55	58.4	0
20200914T144000	2020	09	14	14:40	56	57.5	0
20200914T144500	2020	09	14	14:45	55.4	55.1	0
20200914T145000	2020	09	14	14:50	55.2	54.8	0
20200914T145500	2020	09	14	14:55	55.8	56.4	0
20200914T150000	2020	09	14	15:00	56.2	56.4	0
20200914T150500	2020	09	14	15:05	55.1	57.1	0
20200914T151000	2020	09	14	15:10	55.1	57.2	0
20200914T151500	2020	09	14	15:15	54.6	56.1	0
20200914T152000	2020	09	14	15:20	54.8	58	0
20200914T152500	2020	09	14	15:25	55.5	56	0
20200914T153000	2020	09	14	15:30	55.9	55.5	0
20200914T153500	2020	09	14	15:35	56.8	55.1	0
20200914T154000	2020	09	14	15:40	56.4	55.3	0
20200914T154500	2020	09	14	15:45	55.2	55.9	0
20200914T155000	2020	09	14	15:50	54.4	57.2	0
20200914T155500	2020	09	14	15:55	55.1	57.2	0
20200914T160000	2020	09	14	16:00	54.9	55.8	0
20200914T160500	2020	09	14	16:05	54.9	56.5	0
20200914T161000	2020	09	14	16:10	55.7	54.6	0
20200914T161500	2020	09	14	16:15	55.3	53.9	0
20200914T162000	2020	09	14	16:20	55.3	53.5	0
20200914T162500	2020	09	14	16:25	55.9	53.1	0
20200914T163000	2020	09	14	16:30	54.6	54.8	0
20200914T163500	2020	09	14	16:35	54.8	56.1	0
20200914T164000	2020	09	14	16:40	55.8	55.8	0
20200914T164500	2020	09	14	16:45	55.3	56.2	0
20200914T165000	2020	09	14	16:50	54.7	56.6	0
20200914T165500	2020	09	14	16:55	54.9	57.1	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200914T170000	2020	09	14	17:00	54.7	57.9	0
20200914T170500	2020	09	14	17:05	55.1	54.5	0
20200914T171000	2020	09	14	17:10	55.4	55.4	0
20200914T171500	2020	09	14	17:15	55.4	54.7	0
20200914T172000	2020	09	14	17:20	55.3	55.6	0
20200914T172500	2020	09	14	17:25	55.1	55.6	0
20200914T173000	2020	09	14	17:30	54.1	56.5	0
20200914T173500	2020	09	14	17:35	53.6	56.6	0
20200914T174000	2020	09	14	17:40	53.3	57.3	0
20200914T174500	2020	09	14	17:45	53.1	58.9	0
20200914T175000	2020	09	14	17:50	53	59.3	0
20200914T175500	2020	09	14	17:55	52.7	60.3	0
20200914T180000	2020	09	14	18:00	52.5	61.8	0
20200914T180500	2020	09	14	18:05	52.7	62.1	0
20200914T181000	2020	09	14	18:10	52.4	62.4	0
20200914T181500	2020	09	14	18:15	52.6	62.6	0
20200914T182000	2020	09	14	18:20	52.8	62.5	0
20200914T182500	2020	09	14	18:25	52.6	62	0
20200914T183000	2020	09	14	18:30	52.1	62.3	0
20200914T183500	2020	09	14	18:35	51.6	64.2	0
20200914T184000	2020	09	14	18:40	51.4	65	0
20200914T184500	2020	09	14	18:45	50.8	66.4	0
20200914T185000	2020	09	14	18:50	50.3	67.6	0
20200914T185500	2020	09	14	18:55	50.2	67.4	0
20200914T190000	2020	09	14	19:00	49.5	68.6	0
20200914T190500	2020	09	14	19:05	49.4	68.3	0
20200914T191000	2020	09	14	19:10	49.2	68.7	0
20200914T191500	2020	09	14	19:15	49.1	69.6	0
20200914T192000	2020	09	14	19:20	48.6	70.3	0
20200914T192500	2020	09	14	19:25	48.5	71.2	0
20200914T193000	2020	09	14	19:30	48.2	71.6	0
20200914T193500	2020	09	14	19:35	47.6	72.9	0
20200914T194000	2020	09	14	19:40	47.4	73.7	0
20200914T194500	2020	09	14	19:45	47.1	74.4	0
20200914T195000	2020	09	14	19:50	47.1	73.8	0
20200914T195500	2020	09	14	19:55	47.2	73.4	0
20200914T200000	2020	09	14	20:00	46.9	73.7	0
20200914T200500	2020	09	14	20:05	47	73.3	0
20200914T201000	2020	09	14	20:10	46.8	73.6	0
20200914T201500	2020	09	14	20:15	46.7	74.2	0
20200914T202000	2020	09	14	20:20	46.6	74.5	0
20200914T202500	2020	09	14	20:25	46.2	74.4	0
20200914T203000	2020	09	14	20:30	46.2	74.3	0
20200914T203500	2020	09	14	20:35	46	74.8	0
20200914T204000	2020	09	14	20:40	45.9	75.6	0
20200914T204500	2020	09	14	20:45	45.9	75.9	0
20200914T205000	2020	09	14	20:50	45.9	75.1	0
20200914T205500	2020	09	14	20:55	45.7	74.9	0
20200914T210000	2020	09	14	21:00	45.6	75.5	0
20200914T210500	2020	09	14	21:05	45.8	75.3	0
20200914T211000	2020	09	14	21:10	45.8	74.7	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200914T211500	2020	09	14	21:15	45.3	75.2	0
20200914T212000	2020	09	14	21:20	45.7	74.8	0
20200914T212500	2020	09	14	21:25	46	73.8	0
20200914T213000	2020	09	14	21:30	45.6	74.3	0
20200914T213500	2020	09	14	21:35	45.5	75.5	0
20200914T214000	2020	09	14	21:40	45.5	75.7	0
20200914T214500	2020	09	14	21:45	45.4	75.3	0
20200914T215000	2020	09	14	21:50	45	75.5	0
20200914T215500	2020	09	14	21:55	45.5	75.3	0
20200914T220000	2020	09	14	22:00	45.6	74.9	0
20200914T220500	2020	09	14	22:05	45.7	73.6	0
20200914T221000	2020	09	14	22:10	45.3	74.7	0
20200914T221500	2020	09	14	22:15	45.4	74.8	0
20200914T222000	2020	09	14	22:20	45.4	74.5	0
20200914T222500	2020	09	14	22:25	44.9	75.4	0
20200914T223000	2020	09	14	22:30	44	77.7	0
20200914T223500	2020	09	14	22:35	44	76.8	0
20200914T224000	2020	09	14	22:40	44.8	75.5	0
20200914T224500	2020	09	14	22:45	45.6	73.6	0
20200914T225000	2020	09	14	22:50	44.8	73.3	0
20200914T225500	2020	09	14	22:55	43.9	75.9	0
20200914T230000	2020	09	14	23:00	44.4	75.5	0
20200914T230500	2020	09	14	23:05	45.1	74.9	0
20200914T231000	2020	09	14	23:10	44.3	76.3	0
20200914T231500	2020	09	14	23:15	44	77	0
20200914T232000	2020	09	14	23:20	44.4	76.5	0
20200914T232500	2020	09	14	23:25	44.4	75.7	0
20200914T233000	2020	09	14	23:30	43.7	76.9	0
20200914T233500	2020	09	14	23:35	43.5	78.6	0
20200914T234000	2020	09	14	23:40	43.4	78.3	0
20200914T234500	2020	09	14	23:45	43.3	78	0
20200914T235000	2020	09	14	23:50	41.8	83.2	0
20200914T235500	2020	09	14	23:55	42.3	85.7	0
20200915T000000	2020	09	15	00:00	43.8	84.3	0
20200915T000500	2020	09	15	00:05	43.4	80.9	0
20200915T001000	2020	09	15	00:10	41.3	83.6	0
20200915T001500	2020	09	15	00:15	42.3	82.5	0
20200915T002000	2020	09	15	00:20	41.1	86.1	0
20200915T002500	2020	09	15	00:25	41.8	89	0
20200915T003000	2020	09	15	00:30	41.6	88.1	0
20200915T003500	2020	09	15	00:35	41.1	89.2	0
20200915T004000	2020	09	15	00:40	41.4	89.9	0
20200915T004500	2020	09	15	00:45	41.5	89.2	0
20200915T005000	2020	09	15	00:50	40.3	89	0
20200915T005500	2020	09	15	00:55	39.9	90	0
20200915T010000	2020	09	15	01:00	39.6	90.9	0
20200915T010500	2020	09	15	01:05	39.6	91.5	0
20200915T011000	2020	09	15	01:10	39.5	91.7	0
20200915T011500	2020	09	15	01:15	39.6	91.7	0
20200915T012000	2020	09	15	01:20	40.1	92	0
20200915T012500	2020	09	15	01:25	39.7	91.6	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200915T013000	2020	09	15	01:30	39.4	91.8	0
20200915T013500	2020	09	15	01:35	39.6	92.5	0
20200915T014000	2020	09	15	01:40	39.8	92.6	0
20200915T014500	2020	09	15	01:45	39.2	92.4	0
20200915T015000	2020	09	15	01:50	38.4	93.1	0
20200915T015500	2020	09	15	01:55	38.1	92.5	0
20200915T020000	2020	09	15	02:00	38.4	93	0
20200915T020500	2020	09	15	02:05	37.3	93.5	0
20200915T021000	2020	09	15	02:10	37.8	92.8	0
20200915T021500	2020	09	15	02:15	37.7	93.6	0
20200915T022000	2020	09	15	02:20	37.7	94.1	0
20200915T022500	2020	09	15	02:25	37.9	94.5	0
20200915T023000	2020	09	15	02:30	37.8	94.4	0
20200915T023500	2020	09	15	02:35	37.9	94.5	0
20200915T024000	2020	09	15	02:40	37.6	94.3	0
20200915T024500	2020	09	15	02:45	37.2	94.5	0
20200915T025000	2020	09	15	02:50	36.9	94.6	0
20200915T025500	2020	09	15	02:55	36.4	94.7	0
20200915T030000	2020	09	15	03:00	36.1	94.7	0
20200915T030500	2020	09	15	03:05	36.8	94.8	0
20200915T031000	2020	09	15	03:10	36.8	93.5	0
20200915T031500	2020	09	15	03:15	35.8	93.5	0
20200915T032000	2020	09	15	03:20	35.2	94	0
20200915T032500	2020	09	15	03:25	35.4	93.7	0
20200915T033000	2020	09	15	03:30	36.2	94.3	0
20200915T033500	2020	09	15	03:35	36.4	95.1	0
20200915T034000	2020	09	15	03:40	36.4	94.9	0
20200915T034500	2020	09	15	03:45	36.5	95.2	0
20200915T035000	2020	09	15	03:50	35.9	95.1	0
20200915T035500	2020	09	15	03:55	36.4	94.7	0
20200915T040000	2020	09	15	04:00	36.4	94.8	0
20200915T040500	2020	09	15	04:05	36	94.9	0
20200915T041000	2020	09	15	04:10	36.1	94.9	0
20200915T041500	2020	09	15	04:15	35.9	95.1	0
20200915T042000	2020	09	15	04:20	35.7	94.7	0
20200915T042500	2020	09	15	04:25	35.5	94.9	0
20200915T043000	2020	09	15	04:30	35.7	94.9	0
20200915T043500	2020	09	15	04:35	35.6	95.2	0
20200915T044000	2020	09	15	04:40	35.5	95.3	0
20200915T044500	2020	09	15	04:45	35.7	95.8	0
20200915T045000	2020	09	15	04:50	35.8	94.7	0
20200915T045500	2020	09	15	04:55	35.9	95.4	0
20200915T050000	2020	09	15	05:00	35.7	95.4	0
20200915T050500	2020	09	15	05:05	35.9	95.6	0
20200915T051000	2020	09	15	05:10	35.7	95.6	0
20200915T051500	2020	09	15	05:15	35.6	95.7	0
20200915T052000	2020	09	15	05:20	35.8	95.1	0
20200915T052500	2020	09	15	05:25	35.9	95.1	0
20200915T053000	2020	09	15	05:30	35.9	95.1	0
20200915T053500	2020	09	15	05:35	35.4	95.1	0
20200915T054000	2020	09	15	05:40	35.3	95.2	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200915T054500	2020	09	15	05:45	35.4	95.7	0
20200915T055000	2020	09	15	05:50	35.2	95.8	0
20200915T055500	2020	09	15	05:55	35.2	95.5	0
20200915T060000	2020	09	15	06:00	35.2	95.4	0
20200915T060500	2020	09	15	06:05	35.2	95.5	0
20200915T061000	2020	09	15	06:10	35.4	95.4	0
20200915T061500	2020	09	15	06:15	36	94.9	0
20200915T062000	2020	09	15	06:20	35.9	94.6	0
20200915T062500	2020	09	15	06:25	35.6	94.8	0
20200915T063000	2020	09	15	06:30	35.5	95.2	0
20200915T063500	2020	09	15	06:35	35.5	95	0
20200915T064000	2020	09	15	06:40	35.3	95.1	0
20200915T064500	2020	09	15	06:45	35.3	95.3	0
20200915T065000	2020	09	15	06:50	35.5	95.5	0
20200915T065500	2020	09	15	06:55	35.5	95.7	0
20200915T070000	2020	09	15	07:00	35.7	95.9	0
20200915T070500	2020	09	15	07:05	35.9	96	0
20200915T071000	2020	09	15	07:10	36	96	0
20200915T071500	2020	09	15	07:15	36.3	96	0
20200915T072000	2020	09	15	07:20	36.3	95.9	0
20200915T072500	2020	09	15	07:25	36.6	95.1	0
20200915T073000	2020	09	15	07:30	36.9	94.5	0
20200915T073500	2020	09	15	07:35	37.1	94.3	0
20200915T074000	2020	09	15	07:40	37.6	94.5	0
20200915T074500	2020	09	15	07:45	37.9	94.2	0
20200915T075000	2020	09	15	07:50	38.3	93.6	0
20200915T075500	2020	09	15	07:55	38.9	93.4	0
20200915T080000	2020	09	15	08:00	39.4	93.5	0
20200915T080500	2020	09	15	08:05	39.9	93	0
20200915T081000	2020	09	15	08:10	40.3	92.1	0
20200915T081500	2020	09	15	08:15	40.7	91.7	0
20200915T082000	2020	09	15	08:20	41	91.5	0
20200915T082500	2020	09	15	08:25	41.4	91.7	0
20200915T083000	2020	09	15	08:30	41.5	90.4	0
20200915T083500	2020	09	15	08:35	42	91.5	0
20200915T084000	2020	09	15	08:40	42.2	90.2	0
20200915T084500	2020	09	15	08:45	42.7	89.7	0
20200915T085000	2020	09	15	08:50	43.2	89.4	0
20200915T085500	2020	09	15	08:55	43.8	89.4	0
20200915T090000	2020	09	15	09:00	44.7	89.2	0
20200915T090500	2020	09	15	09:05	45.4	88.1	0
20200915T091000	2020	09	15	09:10	45.7	84.2	0
20200915T091500	2020	09	15	09:15	46	80.7	0
20200915T092000	2020	09	15	09:20	46.4	79.6	0
20200915T092500	2020	09	15	09:25	47.4	77.5	0
20200915T093000	2020	09	15	09:30	47.4	76	0
20200915T093500	2020	09	15	09:35	47.7	75	0
20200915T094000	2020	09	15	09:40	47.7	75.9	0
20200915T094500	2020	09	15	09:45	48.2	75.4	0
20200915T095000	2020	09	15	09:50	48.3	75.3	0
20200915T095500	2020	09	15	09:55	48.5	75.9	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200915T100000	2020	09	15	10:00	49.1	76.2	0
20200915T100500	2020	09	15	10:05	49.3	74.4	0
20200915T101000	2020	09	15	10:10	50.1	72	0
20200915T101500	2020	09	15	10:15	49.9	69.1	0
20200915T102000	2020	09	15	10:20	50.5	67	0
20200915T102500	2020	09	15	10:25	50.2	67	0
20200915T103000	2020	09	15	10:30	50.1	66.8	0
20200915T103500	2020	09	15	10:35	50.4	66.5	0
20200915T104000	2020	09	15	10:40	50.7	65.8	0
20200915T104500	2020	09	15	10:45	51.4	64.6	0
20200915T105000	2020	09	15	10:50	52.4	65.6	0
20200915T105500	2020	09	15	10:55	52.2	64.2	0
20200915T110000	2020	09	15	11:00	51.9	62.6	0
20200915T110500	2020	09	15	11:05	52.7	63	0
20200915T111000	2020	09	15	11:10	53.1	62.8	0
20200915T111500	2020	09	15	11:15	52.6	61.7	0
20200915T112000	2020	09	15	11:20	52.2	60.8	0
20200915T112500	2020	09	15	11:25	52	58.9	0
20200915T113000	2020	09	15	11:30	53.1	59.4	0
20200915T113500	2020	09	15	11:35	53.1	55.5	0
20200915T114000	2020	09	15	11:40	53.2	57.3	0
20200915T114500	2020	09	15	11:45	53.4	53.6	0
20200915T115000	2020	09	15	11:50	53.7	53.3	0
20200915T115500	2020	09	15	11:55	54.2	55.5	0
20200915T120000	2020	09	15	12:00	54.1	56.5	0
20200915T120500	2020	09	15	12:05	54.3	54.7	0
20200915T121000	2020	09	15	12:10	53.4	53.4	0
20200915T121500	2020	09	15	12:15	53.7	53.4	0
20200915T122000	2020	09	15	12:20	54.5	55.7	0
20200915T122500	2020	09	15	12:25	54.8	54.9	0
20200915T123000	2020	09	15	12:30	54.8	53.9	0
20200915T123500	2020	09	15	12:35	54.8	54.2	0
20200915T124000	2020	09	15	12:40	55.3	54.5	0
20200915T124500	2020	09	15	12:45	55.1	54.7	0
20200915T125000	2020	09	15	12:50	55.4	53.5	0
20200915T125500	2020	09	15	12:55	56.2	52.5	0
20200915T130000	2020	09	15	13:00	55.7	53	0
20200915T130500	2020	09	15	13:05	56.2	53.7	0
20200915T131000	2020	09	15	13:10	56	54.2	0
20200915T131500	2020	09	15	13:15	56.7	54.9	0
20200915T132000	2020	09	15	13:20	56.4	52	0
20200915T132500	2020	09	15	13:25	56.2	52.1	0
20200915T133000	2020	09	15	13:30	56	53.2	0
20200915T133500	2020	09	15	13:35	56.2	53.3	0
20200915T134000	2020	09	15	13:40	56.6	53.3	0
20200915T134500	2020	09	15	13:45	57.4	53.4	0
20200915T135000	2020	09	15	13:50	57.2	53.2	0
20200915T135500	2020	09	15	13:55	56.7	52.6	0
20200915T140000	2020	09	15	14:00	56.8	53.9	0
20200915T140500	2020	09	15	14:05	56.5	54.1	0
20200915T141000	2020	09	15	14:10	57	53.4	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200915T141500	2020	09	15	14:15	56.9	54.1	0
20200915T142000	2020	09	15	14:20	56.7	55.1	0
20200915T142500	2020	09	15	14:25	57	55.3	0
20200915T143000	2020	09	15	14:30	57	53.6	0
20200915T143500	2020	09	15	14:35	57	53.6	0
20200915T144000	2020	09	15	14:40	57.2	53.4	0
20200915T144500	2020	09	15	14:45	57.5	52.1	0
20200915T145000	2020	09	15	14:50	57.2	51.1	0
20200915T145500	2020	09	15	14:55	57.9	52.5	0
20200915T150000	2020	09	15	15:00	57.8	51.3	0
20200915T150500	2020	09	15	15:05	57.5	51.4	0
20200915T151000	2020	09	15	15:10	57.2	52.6	0
20200915T151500	2020	09	15	15:15	56.9	54	0
20200915T152000	2020	09	15	15:20	56.6	54.7	0
20200915T152500	2020	09	15	15:25	56.4	54.5	0
20200915T153000	2020	09	15	15:30	56.6	55.6	0
20200915T153500	2020	09	15	15:35	56.7	55.6	0
20200915T154000	2020	09	15	15:40	57	55.8	0
20200915T154500	2020	09	15	15:45	56.7	53.7	0
20200915T155000	2020	09	15	15:50	56.9	55.5	0
20200915T155500	2020	09	15	15:55	56.8	56.3	0
20200915T160000	2020	09	15	16:00	56.4	56.5	0
20200915T160500	2020	09	15	16:05	56.3	56.4	0
20200915T161000	2020	09	15	16:10	56.8	57.1	0
20200915T161500	2020	09	15	16:15	57	55.6	0
20200915T162000	2020	09	15	16:20	56.5	56.4	0
20200915T162500	2020	09	15	16:25	56.6	56.9	0
20200915T163000	2020	09	15	16:30	56.2	56	0
20200915T163500	2020	09	15	16:35	56.1	56.9	0
20200915T164000	2020	09	15	16:40	56	56.8	0
20200915T164500	2020	09	15	16:45	55.9	58.7	0
20200915T165000	2020	09	15	16:50	56.3	58.3	0
20200915T165500	2020	09	15	16:55	56.2	58.2	0
20200915T170000	2020	09	15	17:00	56.1	57.7	0
20200915T170500	2020	09	15	17:05	56.2	57.5	0
20200915T171000	2020	09	15	17:10	56.2	58.3	0
20200915T171500	2020	09	15	17:15	56	59.5	0
20200915T172000	2020	09	15	17:20	56	57.5	0
20200915T172500	2020	09	15	17:25	56.1	59.1	0
20200915T173000	2020	09	15	17:30	56.1	60.1	0
20200915T173500	2020	09	15	17:35	55.9	62	0
20200915T174000	2020	09	15	17:40	55.7	60.7	0
20200915T174500	2020	09	15	17:45	55.6	61.9	0
20200915T175000	2020	09	15	17:50	55.5	62.9	0
20200915T175500	2020	09	15	17:55	55.4	64.5	0
20200915T180000	2020	09	15	18:00	55.1	65.8	0
20200915T180500	2020	09	15	18:05	54.9	67.8	0
20200915T181000	2020	09	15	18:10	54.7	68.8	0
20200915T181500	2020	09	15	18:15	54.5	70.3	0
20200915T182000	2020	09	15	18:20	54.5	69.9	0
20200915T182500	2020	09	15	18:25	54.4	71.5	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200915T183000	2020	09	15	18:30	54.2	70.9	0
20200915T183500	2020	09	15	18:35	54.2	71.1	0
20200915T184000	2020	09	15	18:40	54	71.1	0
20200915T184500	2020	09	15	18:45	52.4	73.6	0
20200915T185000	2020	09	15	18:50	52.6	73.1	0
20200915T185500	2020	09	15	18:55	53.4	70.9	0
20200915T190000	2020	09	15	19:00	52.5	72.6	0
20200915T190500	2020	09	15	19:05	53	72.3	0
20200915T191000	2020	09	15	19:10	52.4	73.5	0
20200915T191500	2020	09	15	19:15	52.6	74.8	0
20200915T192000	2020	09	15	19:20	52.2	78.9	0
20200915T192500	2020	09	15	19:25	52.3	79.3	0
20200915T193000	2020	09	15	19:30	52.3	78.8	0
20200915T193500	2020	09	15	19:35	52.3	78.8	0
20200915T194000	2020	09	15	19:40	52.4	80	0
20200915T194500	2020	09	15	19:45	52.2	80.3	0
20200915T195000	2020	09	15	19:50	52.1	81.6	0
20200915T195500	2020	09	15	19:55	51.7	82.6	0
20200915T200000	2020	09	15	20:00	51.6	82.1	0
20200915T200500	2020	09	15	20:05	51.5	81.2	0
20200915T201000	2020	09	15	20:10	51.7	80.2	0
20200915T201500	2020	09	15	20:15	50.7	86.9	0
20200915T202000	2020	09	15	20:20	51.1	86.1	0
20200915T202500	2020	09	15	20:25	51.3	85.1	0
20200915T203000	2020	09	15	20:30	51.3	84.9	0
20200915T203500	2020	09	15	20:35	50.9	85.3	0
20200915T204000	2020	09	15	20:40	50.6	86.4	0
20200915T204500	2020	09	15	20:45	50.8	86.3	0
20200915T205000	2020	09	15	20:50	50.6	84.6	0
20200915T205500	2020	09	15	20:55	49.8	85.1	0
20200915T210000	2020	09	15	21:00	49.4	86.7	0
20200915T210500	2020	09	15	21:05	49.3	87.4	0
20200915T211000	2020	09	15	21:10	48.8	86.9	0
20200915T211500	2020	09	15	21:15	49	88.6	0
20200915T212000	2020	09	15	21:20	49.4	88.8	0
20200915T212500	2020	09	15	21:25	49.6	88.5	0
20200915T213000	2020	09	15	21:30	49.7	88.7	0
20200915T213500	2020	09	15	21:35	49.6	89.6	0
20200915T214000	2020	09	15	21:40	49.7	90.2	0
20200915T214500	2020	09	15	21:45	49.7	89.7	0
20200915T215000	2020	09	15	21:50	50	88.8	0
20200915T215500	2020	09	15	21:55	50.1	87.6	0
20200915T220000	2020	09	15	22:00	49.7	87.2	0
20200915T220500	2020	09	15	22:05	49.3	87.5	0
20200915T221000	2020	09	15	22:10	49.3	88.9	0
20200915T221500	2020	09	15	22:15	49.4	89.7	0
20200915T222000	2020	09	15	22:20	49.6	89.5	0
20200915T222500	2020	09	15	22:25	50	87.9	0
20200915T223000	2020	09	15	22:30	50.3	85.2	0
20200915T223500	2020	09	15	22:35	50.3	84.1	0
20200915T224000	2020	09	15	22:40	50.4	84.2	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200915T224500	2020	09	15	22:45	50.3	84	0
20200915T225000	2020	09	15	22:50	50	84.9	0
20200915T225500	2020	09	15	22:55	49.9	85	0
20200915T230000	2020	09	15	23:00	49.9	82.3	0
20200915T230500	2020	09	15	23:05	49.5	82.7	0
20200915T231000	2020	09	15	23:10	49.1	83.1	0
20200915T231500	2020	09	15	23:15	49	82.4	0
20200915T232000	2020	09	15	23:20	48.7	81.8	0
20200915T232500	2020	09	15	23:25	50.3	78	0
20200915T233000	2020	09	15	23:30	52.2	68.4	0
20200915T233500	2020	09	15	23:35	52.5	64.9	0
20200915T234000	2020	09	15	23:40	52.5	64.6	0
20200915T234500	2020	09	15	23:45	52.4	64	0
20200915T235000	2020	09	15	23:50	52.5	63.6	0
20200915T235500	2020	09	15	23:55	52.9	62.1	0
20200916T000000	2020	09	16	00:00	52.6	62.5	0
20200916T000500	2020	09	16	00:05	52.5	62.8	0
20200916T001000	2020	09	16	00:10	52.6	62.2	0
20200916T001500	2020	09	16	00:15	52.6	61.8	0
20200916T002000	2020	09	16	00:20	53	61.1	0
20200916T002500	2020	09	16	00:25	53.1	60.8	0
20200916T003000	2020	09	16	00:30	53.3	60.3	0
20200916T003500	2020	09	16	00:35	53.7	59.2	0
20200916T004000	2020	09	16	00:40	53.7	59.4	0
20200916T004500	2020	09	16	00:45	53.7	59.2	0
20200916T005000	2020	09	16	00:50	53.8	59.6	0
20200916T005500	2020	09	16	00:55	53.6	60.1	0
20200916T010000	2020	09	16	01:00	53.8	59.5	0
20200916T010500	2020	09	16	01:05	53.8	59.7	0
20200916T011000	2020	09	16	01:10	53.8	59.7	0
20200916T011500	2020	09	16	01:15	53.9	59.6	0
20200916T012000	2020	09	16	01:20	54.1	59	0
20200916T012500	2020	09	16	01:25	54.4	58.4	0
20200916T013000	2020	09	16	01:30	54.3	58.9	0
20200916T013500	2020	09	16	01:35	54.4	58.5	0
20200916T014000	2020	09	16	01:40	55	56.8	0
20200916T014500	2020	09	16	01:45	54.8	57.3	0
20200916T015000	2020	09	16	01:50	54.7	57.8	0
20200916T015500	2020	09	16	01:55	54.9	57.5	0
20200916T020000	2020	09	16	02:00	54.7	58.1	0
20200916T020500	2020	09	16	02:05	54.8	57.7	0
20200916T021000	2020	09	16	02:10	54.7	58.1	0
20200916T021500	2020	09	16	02:15	54.7	58.3	0
20200916T022000	2020	09	16	02:20	54.9	57.5	0
20200916T022500	2020	09	16	02:25	54.9	57.4	0
20200916T023000	2020	09	16	02:30	54.7	57.7	0
20200916T023500	2020	09	16	02:35	54.6	57.7	0
20200916T024000	2020	09	16	02:40	54.6	57.7	0
20200916T024500	2020	09	16	02:45	54.4	58.1	0
20200916T025000	2020	09	16	02:50	54.9	56.6	0
20200916T025500	2020	09	16	02:55	55.1	56.3	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200916T030000	2020	09	16	03:00	55.2	56	0
20200916T030500	2020	09	16	03:05	55.3	55.7	0
20200916T031000	2020	09	16	03:10	55.4	55.5	0
20200916T031500	2020	09	16	03:15	55.4	55.7	0
20200916T032000	2020	09	16	03:20	55.6	55.6	0
20200916T032500	2020	09	16	03:25	55.6	55.3	0
20200916T033000	2020	09	16	03:30	55.9	54.9	0
20200916T033500	2020	09	16	03:35	56	54.7	0
20200916T034000	2020	09	16	03:40	56.1	54.3	0
20200916T034500	2020	09	16	03:45	56.2	54.4	0
20200916T035000	2020	09	16	03:50	56.2	54.3	0
20200916T035500	2020	09	16	03:55	56.1	54.5	0
20200916T040000	2020	09	16	04:00	56.1	54.6	0
20200916T040500	2020	09	16	04:05	56.2	54.3	0
20200916T041000	2020	09	16	04:10	55.9	55	0
20200916T041500	2020	09	16	04:15	55.8	55.1	0
20200916T042000	2020	09	16	04:20	55.7	55.4	0
20200916T042500	2020	09	16	04:25	55.7	55.8	0
20200916T043000	2020	09	16	04:30	55.6	55.9	0
20200916T043500	2020	09	16	04:35	55.6	56.3	0
20200916T044000	2020	09	16	04:40	55.8	55.9	0
20200916T044500	2020	09	16	04:45	56	55.7	0
20200916T045000	2020	09	16	04:50	56.2	55.6	0
20200916T045500	2020	09	16	04:55	56.4	55.7	0
20200916T050000	2020	09	16	05:00	56	56.6	0
20200916T050500	2020	09	16	05:05	55.8	57.5	0
20200916T051000	2020	09	16	05:10	56.1	56.9	0
20200916T051500	2020	09	16	05:15	56.2	57	0
20200916T052000	2020	09	16	05:20	56.8	55.7	0
20200916T052500	2020	09	16	05:25	56.4	56.5	0
20200916T053000	2020	09	16	05:30	56.9	55.5	0
20200916T053500	2020	09	16	05:35	57.4	53.9	0
20200916T054000	2020	09	16	05:40	57.8	52.8	0
20200916T054500	2020	09	16	05:45	58.2	52.1	0
20200916T055000	2020	09	16	05:50	58.5	51.2	0
20200916T055500	2020	09	16	05:55	58.6	51	0
20200916T060000	2020	09	16	06:00	58.6	51	0
20200916T060500	2020	09	16	06:05	58.8	50.3	0
20200916T061000	2020	09	16	06:10	58.7	49.9	0
20200916T061500	2020	09	16	06:15	59.1	48.2	0
20200916T062000	2020	09	16	06:20	59.2	47.7	0
20200916T062500	2020	09	16	06:25	58.9	48.4	0
20200916T063000	2020	09	16	06:30	58.6	48.7	0
20200916T063500	2020	09	16	06:35	58.7	48.6	0
20200916T064000	2020	09	16	06:40	58.6	48.9	0
20200916T064500	2020	09	16	06:45	58.5	49.3	0
20200916T065000	2020	09	16	06:50	58.1	50.7	0
20200916T065500	2020	09	16	06:55	58	51.4	0
20200916T070000	2020	09	16	07:00	57.6	52.4	0
20200916T070500	2020	09	16	07:05	57.9	52	0
20200916T071000	2020	09	16	07:10	57.5	53.1	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200916T071500	2020	09	16	07:15	58	52.5	0
20200916T072000	2020	09	16	07:20	58.3	52.3	0
20200916T072500	2020	09	16	07:25	58.6	52.4	0
20200916T073000	2020	09	16	07:30	58.6	52.7	0
20200916T073500	2020	09	16	07:35	58.5	53.3	0
20200916T074000	2020	09	16	07:40	59	52.5	0
20200916T074500	2020	09	16	07:45	59.1	52.7	0
20200916T075000	2020	09	16	07:50	59.2	52.9	0
20200916T075500	2020	09	16	07:55	59	53.9	0
20200916T080000	2020	09	16	08:00	59.3	53.9	0
20200916T080500	2020	09	16	08:05	59.9	53.2	0
20200916T081000	2020	09	16	08:10	60.3	53.8	0
20200916T081500	2020	09	16	08:15	60.7	54	0
20200916T082000	2020	09	16	08:20	61	54	0
20200916T082500	2020	09	16	08:25	61.2	54.2	0
20200916T083000	2020	09	16	08:30	61.2	53.7	0
20200916T083500	2020	09	16	08:35	61	54.5	0
20200916T084000	2020	09	16	08:40	61.1	54.1	0
20200916T084500	2020	09	16	08:45	61.1	55.1	0
20200916T085000	2020	09	16	08:50	60.8	55.5	0
20200916T085500	2020	09	16	08:55	61	55.3	0
20200916T090000	2020	09	16	09:00	61.3	55.3	0
20200916T090500	2020	09	16	09:05	61.3	54.8	0
20200916T091000	2020	09	16	09:10	61.2	55.2	0
20200916T091500	2020	09	16	09:15	61.9	55.4	0
20200916T092000	2020	09	16	09:20	62.3	54.9	0
20200916T092500	2020	09	16	09:25	62.6	54.1	0
20200916T093000	2020	09	16	09:30	62.9	54.5	0
20200916T093500	2020	09	16	09:35	63.3	54.2	0
20200916T094000	2020	09	16	09:40	63.7	53.9	0
20200916T094500	2020	09	16	09:45	64.1	54.1	0
20200916T095000	2020	09	16	09:50	64.3	53.6	0
20200916T095500	2020	09	16	09:55	64.4	53.3	0
20200916T100000	2020	09	16	10:00	64.5	53.8	0
20200916T100500	2020	09	16	10:05	64.8	53.9	0
20200916T101000	2020	09	16	10:10	64.9	54.2	0
20200916T101500	2020	09	16	10:15	65.3	53.7	0
20200916T102000	2020	09	16	10:20	65.8	54.2	0
20200916T102500	2020	09	16	10:25	66	53.5	0
20200916T103000	2020	09	16	10:30	66.5	53.9	0
20200916T103500	2020	09	16	10:35	66.4	53.6	0
20200916T104000	2020	09	16	10:40	66.7	53.6	0
20200916T104500	2020	09	16	10:45	66.9	53.3	0
20200916T105000	2020	09	16	10:50	66.8	53.1	0
20200916T105500	2020	09	16	10:55	67.4	53.4	0
20200916T110000	2020	09	16	11:00	67.7	53.6	0
20200916T110500	2020	09	16	11:05	67.9	53.4	0
20200916T111000	2020	09	16	11:10	68.2	52.9	0
20200916T111500	2020	09	16	11:15	68.2	52.8	0
20200916T112000	2020	09	16	11:20	68.4	52.9	0
20200916T112500	2020	09	16	11:25	68.6	52.4	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200916T113000	2020	09	16	11:30	68.8	52.7	0
20200916T113500	2020	09	16	11:35	69.2	52.8	0
20200916T114000	2020	09	16	11:40	69.3	52.2	0
20200916T114500	2020	09	16	11:45	69.4	51.9	0
20200916T115000	2020	09	16	11:50	69.7	52.4	0
20200916T115500	2020	09	16	11:55	70.1	52.3	0
20200916T120000	2020	09	16	12:00	70	52	0
20200916T120500	2020	09	16	12:05	70.2	51.9	0
20200916T121000	2020	09	16	12:10	70.5	51.7	0
20200916T121500	2020	09	16	12:15	70.7	51.5	0
20200916T122000	2020	09	16	12:20	71.5	51.9	0
20200916T122500	2020	09	16	12:25	71.3	50.7	0
20200916T123000	2020	09	16	12:30	71.4	50.9	0
20200916T123500	2020	09	16	12:35	71.7	50.7	0
20200916T124000	2020	09	16	12:40	71.2	50.1	0
20200916T124500	2020	09	16	12:45	71.4	50.2	0
20200916T125000	2020	09	16	12:50	71.9	50.2	0
20200916T125500	2020	09	16	12:55	72.2	50.1	0
20200916T130000	2020	09	16	13:00	71.9	49.5	0
20200916T130500	2020	09	16	13:05	72.7	50.1	0
20200916T131000	2020	09	16	13:10	73.3	49.8	0
20200916T131500	2020	09	16	13:15	72.5	48.6	0
20200916T132000	2020	09	16	13:20	72.4	47.9	0
20200916T132500	2020	09	16	13:25	72.5	47.5	0
20200916T133000	2020	09	16	13:30	72.9	47.5	0
20200916T133500	2020	09	16	13:35	73.3	47	0
20200916T134000	2020	09	16	13:40	73.2	46.2	0
20200916T134500	2020	09	16	13:45	73.3	45.8	0
20200916T135000	2020	09	16	13:50	73.5	45.5	0
20200916T135500	2020	09	16	13:55	73.8	45.1	0
20200916T140000	2020	09	16	14:00	73.6	44.6	0
20200916T140500	2020	09	16	14:05	73.6	43.3	0
20200916T141000	2020	09	16	14:10	74.1	43.5	0
20200916T141500	2020	09	16	14:15	74.1	42.6	0
20200916T142000	2020	09	16	14:20	74.4	41.6	0
20200916T142500	2020	09	16	14:25	74.3	40.5	0
20200916T143000	2020	09	16	14:30	74.2	39.6	0
20200916T143500	2020	09	16	14:35	74.7	39.8	0
20200916T144000	2020	09	16	14:40	74.7	37.7	0
20200916T144500	2020	09	16	14:45	74.8	37	0
20200916T145000	2020	09	16	14:50	75.1	37.7	0
20200916T145500	2020	09	16	14:55	74.9	36.7	0
20200916T150000	2020	09	16	15:00	75	36.8	0
20200916T150500	2020	09	16	15:05	75	36.6	0
20200916T151000	2020	09	16	15:10	75.2	36.3	0
20200916T151500	2020	09	16	15:15	75	35.6	0
20200916T152000	2020	09	16	15:20	74.7	33.5	0
20200916T152500	2020	09	16	15:25	74.5	33.5	0
20200916T153000	2020	09	16	15:30	74.5	32.2	0
20200916T153500	2020	09	16	15:35	74.4	32.5	0
20200916T154000	2020	09	16	15:40	74.4	31.4	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200916T154500	2020	09	16	15:45	74.3	31.3	0
20200916T155000	2020	09	16	15:50	74.4	32.4	0
20200916T155500	2020	09	16	15:55	74.2	33.5	0
20200916T160000	2020	09	16	16:00	73.7	33.8	0
20200916T160500	2020	09	16	16:05	73.5	32.2	0
20200916T161000	2020	09	16	16:10	73.6	34.2	0
20200916T161500	2020	09	16	16:15	73.7	33.1	0
20200916T162000	2020	09	16	16:20	73.2	34.5	0
20200916T162500	2020	09	16	16:25	72.8	34.1	0
20200916T163000	2020	09	16	16:30	72.8	31.4	0
20200916T163500	2020	09	16	16:35	72.9	30.9	0
20200916T164000	2020	09	16	16:40	72.8	30	0
20200916T164500	2020	09	16	16:45	72.5	30.8	0
20200916T165000	2020	09	16	16:50	72.3	31.4	0
20200916T165500	2020	09	16	16:55	71.9	32.5	0
20200916T170000	2020	09	16	17:00	71.7	32.4	0
20200916T170500	2020	09	16	17:05	71.3	32.5	0
20200916T171000	2020	09	16	17:10	71	33.4	0
20200916T171500	2020	09	16	17:15	70.8	33.8	0
20200916T172000	2020	09	16	17:20	70.5	35.2	0
20200916T172500	2020	09	16	17:25	70.3	35.2	0
20200916T173000	2020	09	16	17:30	69.8	36.2	0
20200916T173500	2020	09	16	17:35	69.6	36.6	0
20200916T174000	2020	09	16	17:40	69.7	35.1	0
20200916T174500	2020	09	16	17:45	69.6	34.1	0
20200916T175000	2020	09	16	17:50	69.5	32.8	0
20200916T175500	2020	09	16	17:55	69.2	33.5	0
20200916T180000	2020	09	16	18:00	68.9	33.6	0
20200916T180500	2020	09	16	18:05	68.5	34.6	0
20200916T181000	2020	09	16	18:10	68.2	35.5	0
20200916T181500	2020	09	16	18:15	68.2	35.1	0
20200916T182000	2020	09	16	18:20	67.7	36.2	0
20200916T182500	2020	09	16	18:25	68	34.9	0
20200916T183000	2020	09	16	18:30	67.8	35.3	0
20200916T183500	2020	09	16	18:35	67.7	34.9	0
20200916T184000	2020	09	16	18:40	67.6	35.4	0
20200916T184500	2020	09	16	18:45	67.4	35.5	0
20200916T185000	2020	09	16	18:50	67	36.5	0
20200916T185500	2020	09	16	18:55	66.9	36.7	0
20200916T190000	2020	09	16	19:00	66.3	37.9	0
20200916T190500	2020	09	16	19:05	66.5	37.5	0
20200916T191000	2020	09	16	19:10	66.2	38.2	0
20200916T191500	2020	09	16	19:15	66	39.2	0
20200916T192000	2020	09	16	19:20	66.1	39.2	0
20200916T192500	2020	09	16	19:25	66	39.9	0
20200916T193000	2020	09	16	19:30	66.1	40.3	0
20200916T193500	2020	09	16	19:35	66	41.1	0
20200916T194000	2020	09	16	19:40	65.7	42	0
20200916T194500	2020	09	16	19:45	65.8	42.3	0
20200916T195000	2020	09	16	19:50	65.6	42.7	0
20200916T195500	2020	09	16	19:55	66	42.2	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200916T200000	2020	09	16	20:00	66.2	41.7	0
20200916T200500	2020	09	16	20:05	66	42.6	0
20200916T201000	2020	09	16	20:10	66.2	42.4	0
20200916T201500	2020	09	16	20:15	66.2	42.6	0
20200916T202000	2020	09	16	20:20	66	43.8	0
20200916T202500	2020	09	16	20:25	65.8	44.4	0
20200916T203000	2020	09	16	20:30	65.6	44.6	0
20200916T203500	2020	09	16	20:35	66.1	43.7	0
20200916T204000	2020	09	16	20:40	66.5	42.7	0
20200916T204500	2020	09	16	20:45	66.5	43	0
20200916T205000	2020	09	16	20:50	66.4	43.4	0
20200916T205500	2020	09	16	20:55	66.4	43.8	0
20200916T210000	2020	09	16	21:00	66.1	44.8	0
20200916T210500	2020	09	16	21:05	65.9	45.4	0
20200916T211000	2020	09	16	21:10	65.8	45.9	0
20200916T211500	2020	09	16	21:15	65.8	46	0
20200916T212000	2020	09	16	21:20	66.1	45.8	0
20200916T212500	2020	09	16	21:25	66.1	46.2	0
20200916T213000	2020	09	16	21:30	66.1	46.4	0
20200916T213500	2020	09	16	21:35	65.9	47	0
20200916T214000	2020	09	16	21:40	65.9	47.3	0
20200916T214500	2020	09	16	21:45	65.8	47.7	0
20200916T215000	2020	09	16	21:50	65.8	47.7	0
20200916T215500	2020	09	16	21:55	65.9	47.8	0
20200916T220000	2020	09	16	22:00	65.6	48.5	0
20200916T220500	2020	09	16	22:05	65.8	48.4	0
20200916T221000	2020	09	16	22:10	65.4	49.2	0
20200916T221500	2020	09	16	22:15	65.4	49.4	0
20200916T222000	2020	09	16	22:20	65.5	49.3	0
20200916T222500	2020	09	16	22:25	65.5	49.2	0
20200916T223000	2020	09	16	22:30	65.7	48.8	0
20200916T223500	2020	09	16	22:35	65.7	48.8	0
20200916T224000	2020	09	16	22:40	65.6	49	0
20200916T224500	2020	09	16	22:45	65.4	49.4	0
20200916T225000	2020	09	16	22:50	65.5	49	0
20200916T225500	2020	09	16	22:55	65.8	48.8	0
20200916T230000	2020	09	16	23:00	66.2	47.9	0
20200916T230500	2020	09	16	23:05	66.3	47.7	0
20200916T231000	2020	09	16	23:10	66	48.3	0
20200916T231500	2020	09	16	23:15	66	48.2	0
20200916T232000	2020	09	16	23:20	65.9	48.3	0
20200916T232500	2020	09	16	23:25	65.7	48.7	0
20200916T233000	2020	09	16	23:30	65.9	48.5	0
20200916T233500	2020	09	16	23:35	65.9	48.6	0
20200916T234000	2020	09	16	23:40	66	48.4	0
20200916T234500	2020	09	16	23:45	65.9	48.6	0
20200916T235000	2020	09	16	23:50	66.1	48.2	0
20200916T235500	2020	09	16	23:55	66.1	48.3	0
20200917T000000	2020	09	17	00:00	66.1	48.6	0
20200917T000500	2020	09	17	00:05	66.3	48.8	0
20200917T001000	2020	09	17	00:10	66.3	48.7	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200917T001500	2020	09	17	00:15	66.4	48.9	0
20200917T002000	2020	09	17	00:20	66.1	49.8	0
20200917T002500	2020	09	17	00:25	65.8	50.9	0
20200917T003000	2020	09	17	00:30	65.9	50.8	0
20200917T003500	2020	09	17	00:35	66	50.8	0
20200917T004000	2020	09	17	00:40	66	51.2	0
20200917T004500	2020	09	17	00:45	65.9	51.4	0
20200917T005000	2020	09	17	00:50	65.7	52.2	0
20200917T005500	2020	09	17	00:55	65.3	52.9	0
20200917T010000	2020	09	17	01:00	65	53.5	0
20200917T010500	2020	09	17	01:05	64.9	53.8	0
20200917T011000	2020	09	17	01:10	64.4	54.9	0
20200917T011500	2020	09	17	01:15	64.3	55.4	0
20200917T012000	2020	09	17	01:20	64	56.1	0
20200917T012500	2020	09	17	01:25	63.9	56.4	0
20200917T013000	2020	09	17	01:30	63.3	57.9	0
20200917T013500	2020	09	17	01:35	63	57.8	0
20200917T014000	2020	09	17	01:40	62.7	58	0
20200917T014500	2020	09	17	01:45	62.2	59	0
20200917T015000	2020	09	17	01:50	61.9	59.7	0
20200917T015500	2020	09	17	01:55	61.5	61.8	0
20200917T020000	2020	09	17	02:00	61.1	64.1	0
20200917T020500	2020	09	17	02:05	60.8	65.5	0
20200917T021000	2020	09	17	02:10	60.6	67.6	0
20200917T021500	2020	09	17	02:15	60.4	70.1	0
20200917T022000	2020	09	17	02:20	60	71.7	0
20200917T022500	2020	09	17	02:25	59.7	73.5	0
20200917T023000	2020	09	17	02:30	59.3	74.9	0
20200917T023500	2020	09	17	02:35	59.1	76	0
20200917T024000	2020	09	17	02:40	58.9	76.9	0
20200917T024500	2020	09	17	02:45	58.8	77	0
20200917T025000	2020	09	17	02:50	58.6	77.5	0
20200917T025500	2020	09	17	02:55	58.4	78.2	0
20200917T030000	2020	09	17	03:00	58.2	78.9	0
20200917T030500	2020	09	17	03:05	58.1	79.2	0
20200917T031000	2020	09	17	03:10	58	79.5	0
20200917T031500	2020	09	17	03:15	57.7	80.3	0
20200917T032000	2020	09	17	03:20	56.9	84.3	0
20200917T032500	2020	09	17	03:25	55.9	86.3	0.005
20200917T033000	2020	09	17	03:30	55.6	87.3	0
20200917T033500	2020	09	17	03:35	55.5	88.2	0
20200917T034000	2020	09	17	03:40	55.4	89	0
20200917T034500	2020	09	17	03:45	55.3	89.8	0
20200917T035000	2020	09	17	03:50	55.4	90.3	0
20200917T035500	2020	09	17	03:55	55.5	88.5	0
20200917T040000	2020	09	17	04:00	55.5	88.8	0
20200917T040500	2020	09	17	04:05	55.2	90.1	0
20200917T041000	2020	09	17	04:10	55	91.3	0
20200917T041500	2020	09	17	04:15	55	92.1	0
20200917T042000	2020	09	17	04:20	55	92.9	0.007
20200917T042500	2020	09	17	04:25	55	92.9	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200917T043000	2020	09	17	04:30	54.9	91.9	0
20200917T043500	2020	09	17	04:35	54.9	91.9	0
20200917T044000	2020	09	17	04:40	55.1	91	0
20200917T044500	2020	09	17	04:45	54.9	91.4	0
20200917T045000	2020	09	17	04:50	54.8	91.9	0
20200917T045500	2020	09	17	04:55	54.5	92.4	0
20200917T050000	2020	09	17	05:00	54.7	93.1	0
20200917T050500	2020	09	17	05:05	54.7	93.2	0
20200917T051000	2020	09	17	05:10	54.7	93.8	0
20200917T051500	2020	09	17	05:15	54.6	93.8	0
20200917T052000	2020	09	17	05:20	54.4	93.9	0
20200917T052500	2020	09	17	05:25	54.3	94.2	0
20200917T053000	2020	09	17	05:30	54.2	94.2	0
20200917T053500	2020	09	17	05:35	54.3	94.6	0
20200917T054000	2020	09	17	05:40	54.4	95	0
20200917T054500	2020	09	17	05:45	54.4	94.8	0
20200917T055000	2020	09	17	05:50	54.3	94.7	0
20200917T055500	2020	09	17	05:55	54.2	94.9	0
20200917T060000	2020	09	17	06:00	54	95	0
20200917T060500	2020	09	17	06:05	54	95.2	0
20200917T061000	2020	09	17	06:10	54	95.3	0
20200917T061500	2020	09	17	06:15	54	95.5	0
20200917T062000	2020	09	17	06:20	54	95.3	0
20200917T062500	2020	09	17	06:25	54	95.4	0
20200917T063000	2020	09	17	06:30	54	95	0
20200917T063500	2020	09	17	06:35	54.1	95.2	0
20200917T064000	2020	09	17	06:40	54.1	95.4	0
20200917T064500	2020	09	17	06:45	54.1	95.6	0
20200917T065000	2020	09	17	06:50	54.2	95.4	0
20200917T065500	2020	09	17	06:55	54	95.1	0
20200917T070000	2020	09	17	07:00	54.2	95.3	0
20200917T070500	2020	09	17	07:05	54.3	94.7	0
20200917T071000	2020	09	17	07:10	54.3	94.7	0
20200917T071500	2020	09	17	07:15	54.3	95.1	0
20200917T072000	2020	09	17	07:20	54.2	95	0
20200917T072500	2020	09	17	07:25	54.3	94.9	0
20200917T073000	2020	09	17	07:30	54.6	94.1	0
20200917T073500	2020	09	17	07:35	54.5	93.4	0
20200917T074000	2020	09	17	07:40	54.5	93.5	0
20200917T074500	2020	09	17	07:45	54.5	94.1	0
20200917T075000	2020	09	17	07:50	54.7	93.8	0
20200917T075500	2020	09	17	07:55	54.9	91.9	0
20200917T080000	2020	09	17	08:00	54.8	92.6	0
20200917T080500	2020	09	17	08:05	54.8	92.7	0
20200917T081000	2020	09	17	08:10	54.7	92.9	0
20200917T081500	2020	09	17	08:15	54.7	93.7	0
20200917T082000	2020	09	17	08:20	54.9	93.6	0
20200917T082500	2020	09	17	08:25	55.1	93.6	0
20200917T083000	2020	09	17	08:30	55.1	92.7	0
20200917T083500	2020	09	17	08:35	55	92	0
20200917T084000	2020	09	17	08:40	54.8	92	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200917T084500	2020	09	17	08:45	54.7	92.8	0
20200917T085000	2020	09	17	08:50	54.6	92.9	0
20200917T085500	2020	09	17	08:55	54.5	92.2	0
20200917T090000	2020	09	17	09:00	54.5	91.7	0
20200917T090500	2020	09	17	09:05	54.4	90.4	0
20200917T091000	2020	09	17	09:10	54.5	90.8	0
20200917T091500	2020	09	17	09:15	54.5	90.2	0
20200917T092000	2020	09	17	09:20	54.5	90.2	0
20200917T092500	2020	09	17	09:25	54.4	89.5	0
20200917T093000	2020	09	17	09:30	54.5	89.3	0
20200917T093500	2020	09	17	09:35	54.8	89.9	0
20200917T094000	2020	09	17	09:40	54.6	88.3	0
20200917T094500	2020	09	17	09:45	54.5	87	0
20200917T095000	2020	09	17	09:50	54.7	86.6	0
20200917T095500	2020	09	17	09:55	54.7	85.4	0
20200917T100000	2020	09	17	10:00	55.1	85.7	0
20200917T100500	2020	09	17	10:05	54.7	84.6	0
20200917T101000	2020	09	17	10:10	54.4	85.3	0
20200917T101500	2020	09	17	10:15	54.3	85.5	0
20200917T102000	2020	09	17	10:20	54.5	84.9	0
20200917T102500	2020	09	17	10:25	54.6	84.2	0
20200917T103000	2020	09	17	10:30	54.8	84	0
20200917T103500	2020	09	17	10:35	55	83.6	0
20200917T104000	2020	09	17	10:40	54.6	83.6	0
20200917T104500	2020	09	17	10:45	54.5	82.9	0
20200917T105000	2020	09	17	10:50	54.4	80.5	0
20200917T105500	2020	09	17	10:55	54.4	78.2	0
20200917T110000	2020	09	17	11:00	55.2	78.9	0
20200917T110500	2020	09	17	11:05	55.4	77.1	0
20200917T111000	2020	09	17	11:10	56	76.4	0
20200917T111500	2020	09	17	11:15	56.2	75.9	0
20200917T112000	2020	09	17	11:20	55.7	76.1	0
20200917T112500	2020	09	17	11:25	55.6	77.2	0
20200917T113000	2020	09	17	11:30	55.3	76.3	0
20200917T113500	2020	09	17	11:35	55.5	75.5	0
20200917T114000	2020	09	17	11:40	55.6	75.8	0
20200917T114500	2020	09	17	11:45	56.2	74.7	0
20200917T115000	2020	09	17	11:50	56.4	74	0
20200917T115500	2020	09	17	11:55	55.9	72.8	0
20200917T120000	2020	09	17	12:00	56.1	73.3	0
20200917T120500	2020	09	17	12:05	55.9	74.4	0
20200917T121000	2020	09	17	12:10	55.8	74.8	0
20200917T121500	2020	09	17	12:15	55.7	74.5	0
20200917T122000	2020	09	17	12:20	55.5	74.5	0
20200917T122500	2020	09	17	12:25	55.2	74.5	0
20200917T123000	2020	09	17	12:30	55.1	73.8	0
20200917T123500	2020	09	17	12:35	55.1	73.2	0
20200917T124000	2020	09	17	12:40	55.3	73.2	0
20200917T124500	2020	09	17	12:45	55.3	72.2	0
20200917T125000	2020	09	17	12:50	55.4	71.9	0
20200917T125500	2020	09	17	12:55	55.6	70.7	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200917T130000	2020	09	17	13:00	55.8	70	0
20200917T130500	2020	09	17	13:05	56.6	69.9	0
20200917T131000	2020	09	17	13:10	56.2	67.9	0
20200917T131500	2020	09	17	13:15	56.4	67.8	0
20200917T132000	2020	09	17	13:20	57.3	66.9	0
20200917T132500	2020	09	17	13:25	56.9	65.8	0
20200917T133000	2020	09	17	13:30	56.5	66.7	0
20200917T133500	2020	09	17	13:35	56.2	65.9	0
20200917T134000	2020	09	17	13:40	56.1	65.6	0
20200917T134500	2020	09	17	13:45	56.2	64.2	0
20200917T135000	2020	09	17	13:50	56.2	65	0
20200917T135500	2020	09	17	13:55	56.4	64.7	0
20200917T140000	2020	09	17	14:00	56.8	65.3	0
20200917T140500	2020	09	17	14:05	56.8	65.3	0
20200917T141000	2020	09	17	14:10	56.5	65.2	0
20200917T141500	2020	09	17	14:15	56.5	64.6	0
20200917T142000	2020	09	17	14:20	57.3	65.1	0
20200917T142500	2020	09	17	14:25	56.8	65.1	0
20200917T143000	2020	09	17	14:30	56.2	64.9	0
20200917T143500	2020	09	17	14:35	56.3	65.6	0
20200917T144000	2020	09	17	14:40	56.1	65.5	0
20200917T144500	2020	09	17	14:45	56	66.3	0
20200917T145000	2020	09	17	14:50	56.1	66.6	0
20200917T145500	2020	09	17	14:55	58	64.5	0
20200917T150000	2020	09	17	15:00	57.8	62.7	0
20200917T150500	2020	09	17	15:05	58.4	62.2	0
20200917T151000	2020	09	17	15:10	57.9	61.6	0
20200917T151500	2020	09	17	15:15	56.8	62.5	0
20200917T152000	2020	09	17	15:20	56.9	64.3	0
20200917T152500	2020	09	17	15:25	56.8	64	0
20200917T153000	2020	09	17	15:30	56.4	65.2	0
20200917T153500	2020	09	17	15:35	56.1	65.5	0
20200917T154000	2020	09	17	15:40	56.3	65.1	0
20200917T154500	2020	09	17	15:45	57.6	65.2	0
20200917T155000	2020	09	17	15:50	57.3	64.3	0
20200917T155500	2020	09	17	15:55	57.7	63.3	0
20200917T160000	2020	09	17	16:00	57	63.7	0
20200917T160500	2020	09	17	16:05	57.4	63.9	0
20200917T161000	2020	09	17	16:10	56.3	65.1	0
20200917T161500	2020	09	17	16:15	56	65.6	0
20200917T162000	2020	09	17	16:20	56	65.5	0
20200917T162500	2020	09	17	16:25	56	66.2	0
20200917T163000	2020	09	17	16:30	56	66.7	0
20200917T163500	2020	09	17	16:35	55.9	65.7	0
20200917T164000	2020	09	17	16:40	55.9	66.2	0
20200917T164500	2020	09	17	16:45	56.1	67.1	0
20200917T165000	2020	09	17	16:50	55.8	66.4	0
20200917T165500	2020	09	17	16:55	55.8	67	0
20200917T170000	2020	09	17	17:00	56	67.9	0
20200917T170500	2020	09	17	17:05	55.8	67.8	0
20200917T171000	2020	09	17	17:10	56	67.9	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200917T171500	2020	09	17	17:15	56	67.3	0
20200917T172000	2020	09	17	17:20	55.8	67.4	0
20200917T172500	2020	09	17	17:25	55.5	68.5	0
20200917T173000	2020	09	17	17:30	55.2	67.4	0
20200917T173500	2020	09	17	17:35	55.3	69	0
20200917T174000	2020	09	17	17:40	55.2	67.9	0
20200917T174500	2020	09	17	17:45	55.1	68.1	0
20200917T175000	2020	09	17	17:50	55.2	68.6	0
20200917T175500	2020	09	17	17:55	55.3	67.4	0
20200917T180000	2020	09	17	18:00	55.3	68	0
20200917T180500	2020	09	17	18:05	55.4	68.9	0
20200917T181000	2020	09	17	18:10	55.5	67.2	0
20200917T181500	2020	09	17	18:15	55.4	67.8	0
20200917T182000	2020	09	17	18:20	55.2	67.5	0
20200917T182500	2020	09	17	18:25	54.4	68.9	0
20200917T183000	2020	09	17	18:30	54	70.8	0
20200917T183500	2020	09	17	18:35	53.7	72.5	0
20200917T184000	2020	09	17	18:40	53.9	72.3	0
20200917T184500	2020	09	17	18:45	53.8	72.1	0
20200917T185000	2020	09	17	18:50	54	71.2	0
20200917T185500	2020	09	17	18:55	54.2	70.6	0
20200917T190000	2020	09	17	19:00	54.1	71	0
20200917T190500	2020	09	17	19:05	54.1	71.5	0
20200917T191000	2020	09	17	19:10	53.8	73.3	0
20200917T191500	2020	09	17	19:15	53.7	73.3	0
20200917T192000	2020	09	17	19:20	53.9	71.5	0
20200917T192500	2020	09	17	19:25	53.8	72	0
20200917T193000	2020	09	17	19:30	53.4	72	0
20200917T193500	2020	09	17	19:35	52.9	74.4	0
20200917T194000	2020	09	17	19:40	52.5	73.8	0
20200917T194500	2020	09	17	19:45	52	72.8	0
20200917T195000	2020	09	17	19:50	51.6	74.2	0
20200917T195500	2020	09	17	19:55	51.3	75.4	0
20200917T200000	2020	09	17	20:00	50.8	73.2	0
20200917T200500	2020	09	17	20:05	50.5	68	0
20200917T201000	2020	09	17	20:10	50.3	65.3	0
20200917T201500	2020	09	17	20:15	50.2	62.1	0
20200917T202000	2020	09	17	20:20	49.9	60.6	0
20200917T202500	2020	09	17	20:25	50.1	58.5	0
20200917T203000	2020	09	17	20:30	50	58.5	0
20200917T203500	2020	09	17	20:35	49.9	58.5	0
20200917T204000	2020	09	17	20:40	50.2	57	0
20200917T204500	2020	09	17	20:45	50.2	55.4	0
20200917T205000	2020	09	17	20:50	49.8	55.4	0
20200917T205500	2020	09	17	20:55	50	53.8	0
20200917T210000	2020	09	17	21:00	49.6	53.9	0
20200917T210500	2020	09	17	21:05	49.5	53.9	0
20200917T211000	2020	09	17	21:10	48.1	58.8	0
20200917T211500	2020	09	17	21:15	48.3	61.4	0
20200917T212000	2020	09	17	21:20	45.5	67.7	0
20200917T212500	2020	09	17	21:25	43.9	77.7	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200917T213000	2020	09	17	21:30	43.7	81.8	0
20200917T213500	2020	09	17	21:35	44.1	82.4	0
20200917T214000	2020	09	17	21:40	43.4	83.2	0
20200917T214500	2020	09	17	21:45	42.1	85	0
20200917T215000	2020	09	17	21:50	41.9	87.1	0
20200917T215500	2020	09	17	21:55	42.6	87.3	0
20200917T220000	2020	09	17	22:00	42.6	88.4	0
20200917T220500	2020	09	17	22:05	42.7	88.2	0
20200917T221000	2020	09	17	22:10	42.8	87.5	0
20200917T221500	2020	09	17	22:15	41.9	86.9	0
20200917T222000	2020	09	17	22:20	42	87.8	0
20200917T222500	2020	09	17	22:25	42.6	88.6	0
20200917T223000	2020	09	17	22:30	42	89.4	0
20200917T223500	2020	09	17	22:35	42.3	88.9	0
20200917T224000	2020	09	17	22:40	41.9	88.6	0
20200917T224500	2020	09	17	22:45	41.8	88.3	0
20200917T225000	2020	09	17	22:50	42.4	86.5	0
20200917T225500	2020	09	17	22:55	42.2	87.6	0
20200917T230000	2020	09	17	23:00	42.1	88.9	0
20200917T230500	2020	09	17	23:05	41.8	88.3	0
20200917T231000	2020	09	17	23:10	41.9	89.1	0
20200917T231500	2020	09	17	23:15	41.3	88.8	0
20200917T232000	2020	09	17	23:20	41	88.5	0
20200917T232500	2020	09	17	23:25	40.7	88.6	0
20200917T233000	2020	09	17	23:30	40.7	89.7	0
20200917T233500	2020	09	17	23:35	41.3	91	0
20200917T234000	2020	09	17	23:40	41.4	90.9	0
20200917T234500	2020	09	17	23:45	41.2	90.7	0
20200917T235000	2020	09	17	23:50	40.5	90.2	0
20200917T235500	2020	09	17	23:55	40	90.7	0
20200918T000000	2020	09	18	00:00	39.8	91.4	0
20200918T000500	2020	09	18	00:05	40.2	91.9	0
20200918T001000	2020	09	18	00:10	40.2	91.6	0
20200918T001500	2020	09	18	00:15	40.6	92.1	0
20200918T002000	2020	09	18	00:20	41	92.4	0
20200918T002500	2020	09	18	00:25	41.4	92	0
20200918T003000	2020	09	18	00:30	41.5	91.6	0
20200918T003500	2020	09	18	00:35	41.7	90.9	0
20200918T004000	2020	09	18	00:40	41.3	91.1	0
20200918T004500	2020	09	18	00:45	41.2	90	0
20200918T005000	2020	09	18	00:50	40.8	90.3	0
20200918T005500	2020	09	18	00:55	40.5	89.4	0
20200918T010000	2020	09	18	01:00	40.2	89.2	0
20200918T010500	2020	09	18	01:05	40.6	88.2	0
20200918T011000	2020	09	18	01:10	40.2	86.5	0
20200918T011500	2020	09	18	01:15	39.9	87.7	0
20200918T012000	2020	09	18	01:20	40.4	89.4	0
20200918T012500	2020	09	18	01:25	38.8	88.8	0
20200918T013000	2020	09	18	01:30	38.4	90.4	0
20200918T013500	2020	09	18	01:35	38.5	91.1	0
20200918T014000	2020	09	18	01:40	38.6	91.4	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200918T014500	2020	09	18	01:45	37.1	91.3	0
20200918T015000	2020	09	18	01:50	35.9	91.1	0
20200918T015500	2020	09	18	01:55	37	92.5	0
20200918T020000	2020	09	18	02:00	37.1	92.7	0
20200918T020500	2020	09	18	02:05	37.4	93.2	0
20200918T021000	2020	09	18	02:10	37.7	93.5	0
20200918T021500	2020	09	18	02:15	37.1	92	0
20200918T022000	2020	09	18	02:20	37.3	92.2	0
20200918T022500	2020	09	18	02:25	38.2	89.3	0
20200918T023000	2020	09	18	02:30	38.9	85.4	0
20200918T023500	2020	09	18	02:35	39	85.7	0
20200918T024000	2020	09	18	02:40	38.7	85	0
20200918T024500	2020	09	18	02:45	38.5	86.6	0
20200918T025000	2020	09	18	02:50	38.7	86.8	0
20200918T025500	2020	09	18	02:55	38.9	86.1	0
20200918T030000	2020	09	18	03:00	39	85	0
20200918T030500	2020	09	18	03:05	38.7	85.1	0
20200918T031000	2020	09	18	03:10	37.7	86.5	0
20200918T031500	2020	09	18	03:15	36.9	87.8	0
20200918T032000	2020	09	18	03:20	36.2	89	0
20200918T032500	2020	09	18	03:25	36.6	90	0
20200918T033000	2020	09	18	03:30	36	90.1	0
20200918T033500	2020	09	18	03:35	35.4	90.9	0
20200918T034000	2020	09	18	03:40	35.5	92	0
20200918T034500	2020	09	18	03:45	35.9	92.5	0
20200918T035000	2020	09	18	03:50	35.6	92.7	0
20200918T035500	2020	09	18	03:55	35.1	92.5	0
20200918T040000	2020	09	18	04:00	35.4	93.1	0
20200918T040500	2020	09	18	04:05	35.1	93.5	0
20200918T041000	2020	09	18	04:10	35.4	92.2	0
20200918T041500	2020	09	18	04:15	35.5	92.2	0
20200918T042000	2020	09	18	04:20	35.3	92.4	0
20200918T042500	2020	09	18	04:25	35.3	93.1	0
20200918T043000	2020	09	18	04:30	35.1	93.2	0
20200918T043500	2020	09	18	04:35	35.3	93.5	0
20200918T044000	2020	09	18	04:40	34.7	92.7	0
20200918T044500	2020	09	18	04:45	33.2	91.3	0
20200918T045000	2020	09	18	04:50	33.5	93.2	0
20200918T045500	2020	09	18	04:55	32.5	91.1	0
20200918T050000	2020	09	18	05:00	33.3	92	0
20200918T050500	2020	09	18	05:05	33.5	93	0
20200918T051000	2020	09	18	05:10	33.4	93.5	0
20200918T051500	2020	09	18	05:15	32.3	93.9	0
20200918T052000	2020	09	18	05:20	32.1	94.3	0
20200918T052500	2020	09	18	05:25	32	93.1	0
20200918T053000	2020	09	18	05:30	32.7	92.7	0
20200918T053500	2020	09	18	05:35	33.2	93.9	0
20200918T054000	2020	09	18	05:40	33.9	94.3	0
20200918T054500	2020	09	18	05:45	33.5	94.1	0
20200918T055000	2020	09	18	05:50	31.9	94.3	0
20200918T055500	2020	09	18	05:55	31.3	94	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200918T060000	2020	09	18	06:00	32.4	93.9	0
20200918T060500	2020	09	18	06:05	32.7	94.5	0
20200918T061000	2020	09	18	06:10	32.6	94.7	0
20200918T061500	2020	09	18	06:15	32.2	94.6	0
20200918T062000	2020	09	18	06:20	32.8	95.3	0
20200918T062500	2020	09	18	06:25	33.1	95.3	0
20200918T063000	2020	09	18	06:30	32.3	94.7	0
20200918T063500	2020	09	18	06:35	31.5	94.9	0
20200918T064000	2020	09	18	06:40	31.3	94.9	0
20200918T064500	2020	09	18	06:45	31.7	94.9	0
20200918T065000	2020	09	18	06:50	32.2	95.4	0
20200918T065500	2020	09	18	06:55	32.3	95.3	0
20200918T070000	2020	09	18	07:00	32.2	94.9	0
20200918T070500	2020	09	18	07:05	32.3	94.3	0
20200918T071000	2020	09	18	07:10	32.5	93.5	0
20200918T071500	2020	09	18	07:15	33	92.6	0
20200918T072000	2020	09	18	07:20	34	92.1	0
20200918T072500	2020	09	18	07:25	34.3	91.6	0
20200918T073000	2020	09	18	07:30	34.5	89.7	0
20200918T073500	2020	09	18	07:35	34.5	89.7	0
20200918T074000	2020	09	18	07:40	34.9	90.1	0
20200918T074500	2020	09	18	07:45	35.6	89.5	0
20200918T075000	2020	09	18	07:50	36.4	89.6	0
20200918T075500	2020	09	18	07:55	37.2	88.5	0
20200918T080000	2020	09	18	08:00	37.9	87.3	0
20200918T080500	2020	09	18	08:05	38.8	86.8	0
20200918T081000	2020	09	18	08:10	39.6	85.6	0
20200918T081500	2020	09	18	08:15	40.4	84.7	0
20200918T082000	2020	09	18	08:20	41	83.8	0
20200918T082500	2020	09	18	08:25	41.8	82.3	0
20200918T083000	2020	09	18	08:30	42.7	79.5	0
20200918T083500	2020	09	18	08:35	42.8	75.3	0
20200918T084000	2020	09	18	08:40	42.7	74.1	0
20200918T084500	2020	09	18	08:45	43.5	74.3	0
20200918T085000	2020	09	18	08:50	43.7	72.3	0
20200918T085500	2020	09	18	08:55	44	70.6	0
20200918T090000	2020	09	18	09:00	44.6	70.4	0
20200918T090500	2020	09	18	09:05	44.3	71	0
20200918T091000	2020	09	18	09:10	44.6	72.3	0
20200918T091500	2020	09	18	09:15	44.2	73.1	0
20200918T092000	2020	09	18	09:20	45.6	69.9	0
20200918T092500	2020	09	18	09:25	45.8	69.3	0
20200918T093000	2020	09	18	09:30	46.7	67.9	0
20200918T093500	2020	09	18	09:35	47.6	66.9	0
20200918T094000	2020	09	18	09:40	47.1	64.6	0
20200918T094500	2020	09	18	09:45	47.8	64.2	0
20200918T095000	2020	09	18	09:50	48.1	63.5	0
20200918T095500	2020	09	18	09:55	48.2	63.4	0
20200918T100000	2020	09	18	10:00	48.4	62.4	0
20200918T100500	2020	09	18	10:05	48.7	62	0
20200918T101000	2020	09	18	10:10	49.5	60.9	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200918T101500	2020	09	18	10:15	49.2	59	0
20200918T102000	2020	09	18	10:20	48.9	60.5	0
20200918T102500	2020	09	18	10:25	49.8	59.8	0
20200918T103000	2020	09	18	10:30	49.5	57.9	0
20200918T103500	2020	09	18	10:35	49.7	59.5	0
20200918T104000	2020	09	18	10:40	49.3	57.8	0
20200918T104500	2020	09	18	10:45	50.1	57.2	0
20200918T105000	2020	09	18	10:50	49.8	55.1	0
20200918T105500	2020	09	18	10:55	50.2	56.6	0
20200918T110000	2020	09	18	11:00	50.2	56.2	0
20200918T110500	2020	09	18	11:05	50.6	54.8	0
20200918T111000	2020	09	18	11:10	50.8	56.5	0
20200918T111500	2020	09	18	11:15	50.7	55.3	0
20200918T112000	2020	09	18	11:20	51.6	52.6	0
20200918T112500	2020	09	18	11:25	51.6	55.3	0
20200918T113000	2020	09	18	11:30	51.2	55.9	0
20200918T113500	2020	09	18	11:35	50.8	51.8	0
20200918T114000	2020	09	18	11:40	51.5	50.9	0
20200918T114500	2020	09	18	11:45	51.5	49.7	0
20200918T115000	2020	09	18	11:50	52.1	51	0
20200918T115500	2020	09	18	11:55	52.5	50.4	0
20200918T120000	2020	09	18	12:00	52.2	46.1	0
20200918T120500	2020	09	18	12:05	53.1	45.5	0
20200918T121000	2020	09	18	12:10	52.3	45.4	0
20200918T121500	2020	09	18	12:15	51.6	47.1	0
20200918T122000	2020	09	18	12:20	50.6	49	0
20200918T122500	2020	09	18	12:25	51.7	52	0
20200918T123000	2020	09	18	12:30	51.5	48.7	0
20200918T123500	2020	09	18	12:35	51.6	49.2	0
20200918T124000	2020	09	18	12:40	52.7	51.8	0
20200918T124500	2020	09	18	12:45	52.6	47.6	0
20200918T125000	2020	09	18	12:50	52.7	42.6	0
20200918T125500	2020	09	18	12:55	52.2	44.5	0
20200918T130000	2020	09	18	13:00	51.8	43.6	0
20200918T130500	2020	09	18	13:05	51.2	42.4	0
20200918T131000	2020	09	18	13:10	52.6	41.8	0
20200918T131500	2020	09	18	13:15	53.6	40.4	0
20200918T132000	2020	09	18	13:20	52.6	44	0
20200918T132500	2020	09	18	13:25	50.9	47.2	0
20200918T133000	2020	09	18	13:30	51.2	47.6	0
20200918T133500	2020	09	18	13:35	52.9	44	0
20200918T134000	2020	09	18	13:40	53.4	43.7	0
20200918T134500	2020	09	18	13:45	51.9	44.6	0
20200918T135000	2020	09	18	13:50	51.4	46.6	0
20200918T135500	2020	09	18	13:55	51	45.3	0
20200918T140000	2020	09	18	14:00	51.5	44.4	0
20200918T140500	2020	09	18	14:05	52.4	43.2	0
20200918T141000	2020	09	18	14:10	51.4	43.2	0
20200918T141500	2020	09	18	14:15	52.1	44.5	0
20200918T142000	2020	09	18	14:20	53.5	41.9	0
20200918T142500	2020	09	18	14:25	53.7	41.5	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200918T143000	2020	09	18	14:30	52.2	42.1	0
20200918T143500	2020	09	18	14:35	51.9	44.3	0
20200918T144000	2020	09	18	14:40	51.4	43.9	0
20200918T144500	2020	09	18	14:45	51.5	43.5	0
20200918T145000	2020	09	18	14:50	52.1	43.4	0
20200918T145500	2020	09	18	14:55	52.4	41.5	0
20200918T150000	2020	09	18	15:00	52.1	42.3	0
20200918T150500	2020	09	18	15:05	51.9	43.2	0
20200918T151000	2020	09	18	15:10	51.7	41.4	0
20200918T151500	2020	09	18	15:15	52.4	41.3	0
20200918T152000	2020	09	18	15:20	53	40.7	0
20200918T152500	2020	09	18	15:25	53.3	39.5	0
20200918T153000	2020	09	18	15:30	53.1	40.2	0
20200918T153500	2020	09	18	15:35	52.4	42.1	0
20200918T154000	2020	09	18	15:40	51.9	41.7	0
20200918T154500	2020	09	18	15:45	52.2	42.6	0
20200918T155000	2020	09	18	15:50	52.5	42.9	0
20200918T155500	2020	09	18	15:55	52.3	41.9	0
20200918T160000	2020	09	18	16:00	52.4	40	0
20200918T160500	2020	09	18	16:05	53.3	38.3	0
20200918T161000	2020	09	18	16:10	52.5	39.4	0
20200918T161500	2020	09	18	16:15	52.7	41.7	0
20200918T162000	2020	09	18	16:20	52.1	42.5	0
20200918T162500	2020	09	18	16:25	51.7	41.7	0
20200918T163000	2020	09	18	16:30	51.3	43.2	0
20200918T163500	2020	09	18	16:35	50.8	45.1	0
20200918T164000	2020	09	18	16:40	50.5	45.1	0
20200918T164500	2020	09	18	16:45	50.6	45.9	0
20200918T165000	2020	09	18	16:50	50.9	44.1	0
20200918T165500	2020	09	18	16:55	51.2	43.6	0
20200918T170000	2020	09	18	17:00	52.4	41	0
20200918T170500	2020	09	18	17:05	52.1	36.3	0
20200918T171000	2020	09	18	17:10	51.1	38.5	0
20200918T171500	2020	09	18	17:15	50.7	40.8	0
20200918T172000	2020	09	18	17:20	50.7	41.2	0
20200918T172500	2020	09	18	17:25	50.7	42.6	0
20200918T173000	2020	09	18	17:30	50.6	42.1	0
20200918T173500	2020	09	18	17:35	50.6	41.9	0
20200918T174000	2020	09	18	17:40	50.6	43	0
20200918T174500	2020	09	18	17:45	50.5	43.8	0
20200918T175000	2020	09	18	17:50	50.8	44.1	0
20200918T175500	2020	09	18	17:55	50.6	44.6	0
20200918T180000	2020	09	18	18:00	50.4	44.1	0
20200918T180500	2020	09	18	18:05	50.1	44.4	0
20200918T181000	2020	09	18	18:10	50.4	43.7	0
20200918T181500	2020	09	18	18:15	50.5	45.9	0
20200918T182000	2020	09	18	18:20	50.2	42	0
20200918T182500	2020	09	18	18:25	50.1	40.8	0
20200918T183000	2020	09	18	18:30	49.5	41.7	0
20200918T183500	2020	09	18	18:35	49.1	43.1	0
20200918T184000	2020	09	18	18:40	48.7	44.8	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200918T184500	2020	09	18	18:45	48.3	45.9	0
20200918T185000	2020	09	18	18:50	47.8	47.1	0
20200918T185500	2020	09	18	18:55	47	49.2	0
20200918T190000	2020	09	18	19:00	46.4	51	0
20200918T190500	2020	09	18	19:05	46.3	51.2	0
20200918T191000	2020	09	18	19:10	46.3	51.3	0
20200918T191500	2020	09	18	19:15	46.2	51.8	0
20200918T192000	2020	09	18	19:20	45.6	54.2	0
20200918T192500	2020	09	18	19:25	45.2	55.5	0
20200918T193000	2020	09	18	19:30	45.3	55.9	0
20200918T193500	2020	09	18	19:35	45.2	56.4	0
20200918T194000	2020	09	18	19:40	44.3	58.8	0
20200918T194500	2020	09	18	19:45	44.1	59.6	0
20200918T195000	2020	09	18	19:50	44.3	59.6	0
20200918T195500	2020	09	18	19:55	44.3	59.7	0
20200918T200000	2020	09	18	20:00	44.4	59	0
20200918T200500	2020	09	18	20:05	44.1	59.3	0
20200918T201000	2020	09	18	20:10	43.9	59.8	0
20200918T201500	2020	09	18	20:15	43.7	60	0
20200918T202000	2020	09	18	20:20	43.6	60.1	0
20200918T202500	2020	09	18	20:25	43.3	60.3	0
20200918T203000	2020	09	18	20:30	43.4	60.1	0
20200918T203500	2020	09	18	20:35	43	60.3	0
20200918T204000	2020	09	18	20:40	42.6	61.5	0
20200918T204500	2020	09	18	20:45	41.7	64	0
20200918T205000	2020	09	18	20:50	42.1	63.5	0
20200918T205500	2020	09	18	20:55	41.9	63.2	0
20200918T210000	2020	09	18	21:00	40.4	66.5	0
20200918T210500	2020	09	18	21:05	40.1	66.6	0
20200918T211000	2020	09	18	21:10	41	64.7	0
20200918T211500	2020	09	18	21:15	41.3	64.1	0
20200918T212000	2020	09	18	21:20	41	64.1	0
20200918T212500	2020	09	18	21:25	40.2	66.1	0
20200918T213000	2020	09	18	21:30	39.7	66.9	0
20200918T213500	2020	09	18	21:35	39.2	67.3	0
20200918T214000	2020	09	18	21:40	39	68.7	0
20200918T214500	2020	09	18	21:45	39.6	68.7	0
20200918T215000	2020	09	18	21:50	39.6	68.2	0
20200918T215500	2020	09	18	21:55	38.8	69.9	0
20200918T220000	2020	09	18	22:00	39.2	68.5	0
20200918T220500	2020	09	18	22:05	38.8	69.2	0
20200918T221000	2020	09	18	22:10	38.4	70.3	0
20200918T221500	2020	09	18	22:15	38.2	70.7	0
20200918T222000	2020	09	18	22:20	39	68.9	0
20200918T222500	2020	09	18	22:25	39.4	67.5	0
20200918T223000	2020	09	18	22:30	39.3	66.6	0
20200918T223500	2020	09	18	22:35	38.8	68.6	0
20200918T224000	2020	09	18	22:40	38.5	73.1	0
20200918T224500	2020	09	18	22:45	38.5	75.1	0
20200918T225000	2020	09	18	22:50	38.5	72.8	0
20200918T225500	2020	09	18	22:55	37.7	73	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200918T230000	2020	09	18	23:00	37.6	72.8	0
20200918T230500	2020	09	18	23:05	38	71.8	0
20200918T231000	2020	09	18	23:10	37.9	71.3	0
20200918T231500	2020	09	18	23:15	37.7	71.7	0
20200918T232000	2020	09	18	23:20	37.9	71.5	0
20200918T232500	2020	09	18	23:25	37.3	74.3	0
20200918T233000	2020	09	18	23:30	37	77.9	0
20200918T233500	2020	09	18	23:35	37	79.5	0
20200918T234000	2020	09	18	23:40	37.4	79.2	0
20200918T234500	2020	09	18	23:45	37	78.2	0
20200918T235000	2020	09	18	23:50	37.1	77.9	0
20200918T235500	2020	09	18	23:55	36.8	79	0
20200919T000000	2020	09	19	00:00	36.2	80.3	0
20200919T000500	2020	09	19	00:05	35.1	81.4	0
20200919T001000	2020	09	19	00:10	34.9	82.6	0
20200919T001500	2020	09	19	00:15	35	83.3	0
20200919T002000	2020	09	19	00:20	34.2	84.3	0
20200919T002500	2020	09	19	00:25	33.4	84.9	0
20200919T003000	2020	09	19	00:30	32.7	85.9	0
20200919T003500	2020	09	19	00:35	33.3	87.1	0
20200919T004000	2020	09	19	00:40	33.5	86.1	0
20200919T004500	2020	09	19	00:45	33.1	86.6	0
20200919T005000	2020	09	19	00:50	33.8	87.4	0
20200919T005500	2020	09	19	00:55	33.7	86.8	0
20200919T010000	2020	09	19	01:00	33.9	87	0
20200919T010500	2020	09	19	01:05	34.3	86.1	0
20200919T011000	2020	09	19	01:10	34.2	85.5	0
20200919T011500	2020	09	19	01:15	34	84.5	0
20200919T012000	2020	09	19	01:20	33.7	85.5	0
20200919T012500	2020	09	19	01:25	32.7	86.6	0
20200919T013000	2020	09	19	01:30	33.8	87.5	0
20200919T013500	2020	09	19	01:35	33.9	86.1	0
20200919T014000	2020	09	19	01:40	34.3	85.4	0
20200919T014500	2020	09	19	01:45	34	83.9	0
20200919T015000	2020	09	19	01:50	33.5	83.3	0
20200919T015500	2020	09	19	01:55	33.3	82.9	0
20200919T020000	2020	09	19	02:00	32.9	84.7	0
20200919T020500	2020	09	19	02:05	32.9	85.1	0
20200919T021000	2020	09	19	02:10	33.1	85.9	0
20200919T021500	2020	09	19	02:15	33.1	85.4	0
20200919T022000	2020	09	19	02:20	33.2	85.8	0
20200919T022500	2020	09	19	02:25	33.2	86.4	0
20200919T023000	2020	09	19	02:30	33.2	86.6	0
20200919T023500	2020	09	19	02:35	33.7	85.9	0
20200919T024000	2020	09	19	02:40	33.5	84.3	0
20200919T024500	2020	09	19	02:45	33.5	84.3	0
20200919T025000	2020	09	19	02:50	33.9	84.6	0
20200919T025500	2020	09	19	02:55	33.6	84.5	0
20200919T030000	2020	09	19	03:00	33.6	85.8	0
20200919T030500	2020	09	19	03:05	33.6	85.3	0
20200919T031000	2020	09	19	03:10	33.1	85.1	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200919T031500	2020	09	19	03:15	33.1	84.7	0
20200919T032000	2020	09	19	03:20	33.3	85.6	0
20200919T032500	2020	09	19	03:25	33.3	85.3	0
20200919T033000	2020	09	19	03:30	33.7	84	0
20200919T033500	2020	09	19	03:35	33.7	84.1	0
20200919T034000	2020	09	19	03:40	33.9	82.6	0
20200919T034500	2020	09	19	03:45	33.9	81.7	0
20200919T035000	2020	09	19	03:50	33.7	81.7	0
20200919T035500	2020	09	19	03:55	34	83.4	0
20200919T040000	2020	09	19	04:00	34	83.9	0
20200919T040500	2020	09	19	04:05	33.7	84.5	0
20200919T041000	2020	09	19	04:10	33.5	85.2	0
20200919T041500	2020	09	19	04:15	33.5	85.6	0
20200919T042000	2020	09	19	04:20	33.4	85.8	0
20200919T042500	2020	09	19	04:25	33	85.7	0
20200919T043000	2020	09	19	04:30	32.8	86.1	0
20200919T043500	2020	09	19	04:35	32.6	85.9	0
20200919T044000	2020	09	19	04:40	32.8	86.8	0
20200919T044500	2020	09	19	04:45	32.9	87.1	0
20200919T045000	2020	09	19	04:50	33	86.1	0
20200919T045500	2020	09	19	04:55	33	85.5	0
20200919T050000	2020	09	19	05:00	32.9	85.3	0
20200919T050500	2020	09	19	05:05	32.8	85.7	0
20200919T051000	2020	09	19	05:10	32.6	86.5	0
20200919T051500	2020	09	19	05:15	32.3	86.5	0
20200919T052000	2020	09	19	05:20	32.6	86.1	0
20200919T052500	2020	09	19	05:25	33	85.9	0
20200919T053000	2020	09	19	05:30	33.1	85.6	0
20200919T053500	2020	09	19	05:35	33.1	85.9	0
20200919T054000	2020	09	19	05:40	32.9	86.6	0
20200919T054500	2020	09	19	05:45	32.4	87	0
20200919T055000	2020	09	19	05:50	32	87.6	0
20200919T055500	2020	09	19	05:55	32.1	88.8	0
20200919T060000	2020	09	19	06:00	32.6	88.8	0
20200919T060500	2020	09	19	06:05	32.4	88.2	0
20200919T061000	2020	09	19	06:10	32.3	88.5	0
20200919T061500	2020	09	19	06:15	32.4	88.3	0
20200919T062000	2020	09	19	06:20	32.4	88.4	0
20200919T062500	2020	09	19	06:25	32.6	88.8	0
20200919T063000	2020	09	19	06:30	32.4	89	0
20200919T063500	2020	09	19	06:35	32.1	88.8	0
20200919T064000	2020	09	19	06:40	32.5	89.3	0
20200919T064500	2020	09	19	06:45	30.2	88.8	0
20200919T065000	2020	09	19	06:50	29.7	90.2	0
20200919T065500	2020	09	19	06:55	30.2	91.3	0
20200919T070000	2020	09	19	07:00	30.2	91.7	0
20200919T070500	2020	09	19	07:05	30.2	91.9	0
20200919T071000	2020	09	19	07:10	30.7	92.1	0
20200919T071500	2020	09	19	07:15	31.5	91.8	0
20200919T072000	2020	09	19	07:20	32	90.9	0
20200919T072500	2020	09	19	07:25	32.6	89.4	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200919T073000	2020	09	19	07:30	32.9	88.7	0
20200919T073500	2020	09	19	07:35	33.2	88.8	0
20200919T074000	2020	09	19	07:40	33.9	88.7	0
20200919T074500	2020	09	19	07:45	34.4	86.7	0
20200919T075000	2020	09	19	07:50	34.6	86.2	0
20200919T075500	2020	09	19	07:55	34.6	86.5	0
20200919T080000	2020	09	19	08:00	34.6	87	0
20200919T080500	2020	09	19	08:05	34.8	86.8	0
20200919T081000	2020	09	19	08:10	34.8	86.9	0
20200919T081500	2020	09	19	08:15	35	86.8	0
20200919T082000	2020	09	19	08:20	35.5	86.6	0
20200919T082500	2020	09	19	08:25	36.3	86.6	0
20200919T083000	2020	09	19	08:30	36.9	85.1	0
20200919T083500	2020	09	19	08:35	37.6	83.7	0
20200919T084000	2020	09	19	08:40	38	83	0
20200919T084500	2020	09	19	08:45	39	83.1	0
20200919T085000	2020	09	19	08:50	39.1	80.5	0
20200919T085500	2020	09	19	08:55	39.9	81	0
20200919T090000	2020	09	19	09:00	39.4	79	0
20200919T090500	2020	09	19	09:05	39.3	78.8	0
20200919T091000	2020	09	19	09:10	40.1	79.8	0
20200919T091500	2020	09	19	09:15	39.8	76.8	0
20200919T092000	2020	09	19	09:20	40.5	77.6	0
20200919T092500	2020	09	19	09:25	41.1	77.3	0
20200919T093000	2020	09	19	09:30	41.1	75.9	0
20200919T093500	2020	09	19	09:35	41.4	75.2	0
20200919T094000	2020	09	19	09:40	41.9	75.2	0
20200919T094500	2020	09	19	09:45	42.3	73.5	0
20200919T095000	2020	09	19	09:50	42.2	70.7	0
20200919T095500	2020	09	19	09:55	42.5	69.3	0
20200919T100000	2020	09	19	10:00	42.9	67.6	0
20200919T100500	2020	09	19	10:05	43	64.7	0
20200919T101000	2020	09	19	10:10	43.5	64.5	0
20200919T101500	2020	09	19	10:15	43.8	64.3	0
20200919T102000	2020	09	19	10:20	44.8	64.8	0
20200919T102500	2020	09	19	10:25	44.4	62.5	0
20200919T103000	2020	09	19	10:30	45.3	65.7	0
20200919T103500	2020	09	19	10:35	45	64.3	0
20200919T104000	2020	09	19	10:40	45.4	63.9	0
20200919T104500	2020	09	19	10:45	45.5	62	0
20200919T105000	2020	09	19	10:50	46.4	59.4	0
20200919T105500	2020	09	19	10:55	46	58.2	0
20200919T110000	2020	09	19	11:00	46.5	57.9	0
20200919T110500	2020	09	19	11:05	46.6	57.2	0
20200919T111000	2020	09	19	11:10	47	54.9	0
20200919T111500	2020	09	19	11:15	46.7	55.2	0
20200919T112000	2020	09	19	11:20	47.3	55.6	0
20200919T112500	2020	09	19	11:25	47.5	55.6	0
20200919T113000	2020	09	19	11:30	48.1	52.4	0
20200919T113500	2020	09	19	11:35	48	51.7	0
20200919T114000	2020	09	19	11:40	47.7	51.6	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200919T114500	2020	09	19	11:45	48.9	48.8	0
20200919T115000	2020	09	19	11:50	47.8	46.5	0
20200919T115500	2020	09	19	11:55	47.8	45.6	0
20200919T120000	2020	09	19	12:00	49.5	47.5	0
20200919T120500	2020	09	19	12:05	49.2	45.3	0
20200919T121000	2020	09	19	12:10	49.6	48	0
20200919T121500	2020	09	19	12:15	49.1	46	0
20200919T122000	2020	09	19	12:20	49.9	46.3	0
20200919T122500	2020	09	19	12:25	48.8	45.4	0
20200919T123000	2020	09	19	12:30	50.4	45.3	0
20200919T123500	2020	09	19	12:35	48.9	44.8	0
20200919T124000	2020	09	19	12:40	50	46.3	0
20200919T124500	2020	09	19	12:45	49.7	43.9	0
20200919T125000	2020	09	19	12:50	48.8	44.8	0
20200919T125500	2020	09	19	12:55	50.5	43.6	0
20200919T130000	2020	09	19	13:00	49.3	42.8	0
20200919T130500	2020	09	19	13:05	48.1	44.1	0
20200919T131000	2020	09	19	13:10	50.2	43.3	0
20200919T131500	2020	09	19	13:15	50	40.9	0
20200919T132000	2020	09	19	13:20	50.3	41.5	0
20200919T132500	2020	09	19	13:25	51.5	43	0
20200919T133000	2020	09	19	13:30	51.3	40.5	0
20200919T133500	2020	09	19	13:35	50.6	39.6	0
20200919T134000	2020	09	19	13:40	51.8	41.5	0
20200919T134500	2020	09	19	13:45	52.6	41.9	0
20200919T135000	2020	09	19	13:50	51.6	40	0
20200919T135500	2020	09	19	13:55	51.4	40.2	0
20200919T140000	2020	09	19	14:00	50.8	40.8	0
20200919T140500	2020	09	19	14:05	51.7	41.1	0
20200919T141000	2020	09	19	14:10	50.6	40.8	0
20200919T141500	2020	09	19	14:15	49.3	42.1	0
20200919T142000	2020	09	19	14:20	50.7	40.3	0
20200919T142500	2020	09	19	14:25	52.3	41.6	0
20200919T143000	2020	09	19	14:30	51	41.4	0
20200919T143500	2020	09	19	14:35	49.6	42.4	0
20200919T144000	2020	09	19	14:40	51.5	39.6	0
20200919T144500	2020	09	19	14:45	51.7	37.8	0
20200919T145000	2020	09	19	14:50	52.2	37.7	0
20200919T145500	2020	09	19	14:55	51.2	37.3	0
20200919T150000	2020	09	19	15:00	50.6	39.1	0
20200919T150500	2020	09	19	15:05	51.8	38.5	0
20200919T151000	2020	09	19	15:10	51.7	37.1	0
20200919T151500	2020	09	19	15:15	52.4	38.2	0
20200919T152000	2020	09	19	15:20	52.3	37.6	0
20200919T152500	2020	09	19	15:25	51.3	39.7	0
20200919T153000	2020	09	19	15:30	50.9	37.2	0
20200919T153500	2020	09	19	15:35	51.6	40.8	0
20200919T154000	2020	09	19	15:40	53.2	39.5	0
20200919T154500	2020	09	19	15:45	52.6	38.4	0
20200919T155000	2020	09	19	15:50	52.6	39.4	0
20200919T155500	2020	09	19	15:55	52.1	38.8	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200919T160000	2020	09	19	16:00	50.9	39.5	0
20200919T160500	2020	09	19	16:05	50.5	40.3	0
20200919T161000	2020	09	19	16:10	51.9	37.5	0
20200919T161500	2020	09	19	16:15	51.6	37.9	0
20200919T162000	2020	09	19	16:20	51.7	39.8	0
20200919T162500	2020	09	19	16:25	52	39.2	0
20200919T163000	2020	09	19	16:30	51.9	40.2	0
20200919T163500	2020	09	19	16:35	51.9	41.3	0
20200919T164000	2020	09	19	16:40	51.6	40.7	0
20200919T164500	2020	09	19	16:45	51.9	40.8	0
20200919T165000	2020	09	19	16:50	52.2	41.3	0
20200919T165500	2020	09	19	16:55	52.1	39.8	0
20200919T170000	2020	09	19	17:00	52.3	40.1	0
20200919T170500	2020	09	19	17:05	52	40.2	0
20200919T171000	2020	09	19	17:10	52	39.1	0
20200919T171500	2020	09	19	17:15	52.1	38.4	0
20200919T172000	2020	09	19	17:20	52.1	39	0
20200919T172500	2020	09	19	17:25	51.8	39.9	0
20200919T173000	2020	09	19	17:30	51.7	38.3	0
20200919T173500	2020	09	19	17:35	51.6	36.8	0
20200919T174000	2020	09	19	17:40	51.6	37	0
20200919T174500	2020	09	19	17:45	51.3	37.2	0
20200919T175000	2020	09	19	17:50	51.2	37.9	0
20200919T175500	2020	09	19	17:55	51.3	39	0
20200919T180000	2020	09	19	18:00	51	41.4	0
20200919T180500	2020	09	19	18:05	50.7	40.9	0
20200919T181000	2020	09	19	18:10	50.5	41.6	0
20200919T181500	2020	09	19	18:15	50.2	42.6	0
20200919T182000	2020	09	19	18:20	50	43.3	0
20200919T182500	2020	09	19	18:25	49.5	44.4	0
20200919T183000	2020	09	19	18:30	48.9	45.4	0
20200919T183500	2020	09	19	18:35	48.8	46.2	0
20200919T184000	2020	09	19	18:40	48.6	46.7	0
20200919T184500	2020	09	19	18:45	48.8	45.6	0
20200919T185000	2020	09	19	18:50	48.6	45.2	0
20200919T185500	2020	09	19	18:55	48.2	45.8	0
20200919T190000	2020	09	19	19:00	47.6	48.3	0
20200919T190500	2020	09	19	19:05	47	50.7	0
20200919T191000	2020	09	19	19:10	46.1	53.1	0
20200919T191500	2020	09	19	19:15	44.4	60.1	0
20200919T192000	2020	09	19	19:20	43.4	64.3	0
20200919T192500	2020	09	19	19:25	42.3	68.3	0
20200919T193000	2020	09	19	19:30	41.9	70.3	0
20200919T193500	2020	09	19	19:35	41.5	72.6	0
20200919T194000	2020	09	19	19:40	41.2	73.9	0
20200919T194500	2020	09	19	19:45	41	74.5	0
20200919T195000	2020	09	19	19:50	40.3	76.4	0
20200919T195500	2020	09	19	19:55	40.6	76.5	0
20200919T200000	2020	09	19	20:00	41.1	75.4	0
20200919T200500	2020	09	19	20:05	41.4	73.7	0
20200919T201000	2020	09	19	20:10	41.2	72.4	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200919T201500	2020	09	19	20:15	40.9	73.2	0
20200919T202000	2020	09	19	20:20	40.3	73.7	0
20200919T202500	2020	09	19	20:25	40.1	74.9	0
20200919T203000	2020	09	19	20:30	40.6	75.1	0
20200919T203500	2020	09	19	20:35	40.3	76.1	0
20200919T204000	2020	09	19	20:40	39.7	77	0
20200919T204500	2020	09	19	20:45	39.1	77.2	0
20200919T205000	2020	09	19	20:50	39.3	77.1	0
20200919T205500	2020	09	19	20:55	40.6	72.6	0
20200919T210000	2020	09	19	21:00	41.1	72.3	0
20200919T210500	2020	09	19	21:05	40.8	72.8	0
20200919T211000	2020	09	19	21:10	40.5	73.5	0
20200919T211500	2020	09	19	21:15	39.8	74.4	0
20200919T212000	2020	09	19	21:20	40.2	75.3	0
20200919T212500	2020	09	19	21:25	40.1	75.5	0
20200919T213000	2020	09	19	21:30	40.2	75.5	0
20200919T213500	2020	09	19	21:35	40.1	75.4	0
20200919T214000	2020	09	19	21:40	39.7	76.5	0
20200919T214500	2020	09	19	21:45	39.1	78.3	0
20200919T215000	2020	09	19	21:50	39.1	79.2	0
20200919T215500	2020	09	19	21:55	39.2	77.9	0
20200919T220000	2020	09	19	22:00	39.1	78	0
20200919T220500	2020	09	19	22:05	39.2	78.1	0
20200919T221000	2020	09	19	22:10	39.2	78	0
20200919T221500	2020	09	19	22:15	38	78	0
20200919T222000	2020	09	19	22:20	37.3	79.6	0
20200919T222500	2020	09	19	22:25	37	81.2	0
20200919T223000	2020	09	19	22:30	36.7	82.1	0
20200919T223500	2020	09	19	22:35	36.2	82.8	0
20200919T224000	2020	09	19	22:40	36	83.3	0
20200919T224500	2020	09	19	22:45	36.2	82.9	0
20200919T225000	2020	09	19	22:50	36.7	83.4	0
20200919T225500	2020	09	19	22:55	37.1	84.1	0
20200919T230000	2020	09	19	23:00	37.5	84.3	0
20200919T230500	2020	09	19	23:05	37.7	84.1	0
20200919T231000	2020	09	19	23:10	37.7	83.9	0
20200919T231500	2020	09	19	23:15	37.7	83.3	0
20200919T232000	2020	09	19	23:20	37.5	83.6	0
20200919T232500	2020	09	19	23:25	37.4	83.7	0
20200919T233000	2020	09	19	23:30	37.2	83.9	0
20200919T233500	2020	09	19	23:35	37.2	84.2	0
20200919T234000	2020	09	19	23:40	36.9	84.4	0
20200919T234500	2020	09	19	23:45	36.8	85	0
20200919T235000	2020	09	19	23:50	36.6	85.4	0
20200919T235500	2020	09	19	23:55	36.5	85.2	0
20200920T000000	2020	09	20	00:00	36.6	85.8	0
20200920T000500	2020	09	20	00:05	36.8	85.8	0
20200920T001000	2020	09	20	00:10	36.8	85.4	0
20200920T001500	2020	09	20	00:15	36.8	85.2	0
20200920T002000	2020	09	20	00:20	36.8	84.8	0
20200920T002500	2020	09	20	00:25	36.8	84.5	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200920T003000	2020	09	20	00:30	36.4	84.1	0
20200920T003500	2020	09	20	00:35	35.9	83.8	0
20200920T004000	2020	09	20	00:40	35.4	83.6	0
20200920T004500	2020	09	20	00:45	35.3	83.8	0
20200920T005000	2020	09	20	00:50	35.5	83.2	0
20200920T005500	2020	09	20	00:55	35	82.4	0
20200920T010000	2020	09	20	01:00	34.9	83	0
20200920T010500	2020	09	20	01:05	34.7	84.8	0
20200920T011000	2020	09	20	01:10	34.6	85.8	0
20200920T011500	2020	09	20	01:15	34.2	86.4	0
20200920T012000	2020	09	20	01:20	33.9	86.7	0
20200920T012500	2020	09	20	01:25	33.7	87	0
20200920T013000	2020	09	20	01:30	33.7	87	0
20200920T013500	2020	09	20	01:35	34	86.8	0
20200920T014000	2020	09	20	01:40	34.3	86.2	0
20200920T014500	2020	09	20	01:45	34.3	86.2	0
20200920T015000	2020	09	20	01:50	34.5	87.5	0
20200920T015500	2020	09	20	01:55	35	88.1	0
20200920T020000	2020	09	20	02:00	35.4	87.4	0
20200920T020500	2020	09	20	02:05	35.8	86.1	0
20200920T021000	2020	09	20	02:10	36	85.3	0
20200920T021500	2020	09	20	02:15	36.1	84.9	0
20200920T022000	2020	09	20	02:20	36.2	85.2	0
20200920T022500	2020	09	20	02:25	36.4	85.3	0
20200920T023000	2020	09	20	02:30	36.6	83.8	0
20200920T023500	2020	09	20	02:35	36.9	81.5	0
20200920T024000	2020	09	20	02:40	37.1	81	0
20200920T024500	2020	09	20	02:45	37.2	81.3	0
20200920T025000	2020	09	20	02:50	37.1	82.2	0
20200920T025500	2020	09	20	02:55	37.1	82.4	0
20200920T030000	2020	09	20	03:00	37.2	82.3	0
20200920T030500	2020	09	20	03:05	37.5	82.3	0
20200920T031000	2020	09	20	03:10	37.8	82.2	0
20200920T031500	2020	09	20	03:15	38	81.5	0
20200920T032000	2020	09	20	03:20	37.7	80.9	0
20200920T032500	2020	09	20	03:25	37.7	81.6	0
20200920T033000	2020	09	20	03:30	38.2	81.9	0
20200920T033500	2020	09	20	03:35	38.6	81.3	0
20200920T034000	2020	09	20	03:40	38.8	80.3	0
20200920T034500	2020	09	20	03:45	38.9	80.5	0
20200920T035000	2020	09	20	03:50	39	80.9	0
20200920T035500	2020	09	20	03:55	39	81.5	0
20200920T040000	2020	09	20	04:00	39.3	79.9	0
20200920T040500	2020	09	20	04:05	39.6	78.4	0
20200920T041000	2020	09	20	04:10	39.7	77.7	0
20200920T041500	2020	09	20	04:15	39.7	78.2	0
20200920T042000	2020	09	20	04:20	39.9	77.4	0
20200920T042500	2020	09	20	04:25	39.9	77	0
20200920T043000	2020	09	20	04:30	40.6	75	0
20200920T043500	2020	09	20	04:35	41.2	71	0
20200920T044000	2020	09	20	04:40	41.3	69	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200920T044500	2020	09	20	04:45	41.3	68.3	0
20200920T045000	2020	09	20	04:50	41.1	68.7	0
20200920T045500	2020	09	20	04:55	40.6	70.7	0
20200920T050000	2020	09	20	05:00	40.1	73	0
20200920T050500	2020	09	20	05:05	40.9	72.9	0
20200920T051000	2020	09	20	05:10	41.2	70.4	0
20200920T051500	2020	09	20	05:15	41.1	69.8	0
20200920T052000	2020	09	20	05:20	41.2	68.3	0
20200920T052500	2020	09	20	05:25	41	68.8	0
20200920T053000	2020	09	20	05:30	40.2	71.5	0
20200920T053500	2020	09	20	05:35	39.4	72.8	0
20200920T054000	2020	09	20	05:40	38.7	77.7	0
20200920T054500	2020	09	20	05:45	38.4	80.2	0
20200920T055000	2020	09	20	05:50	38.1	81.8	0
20200920T055500	2020	09	20	05:55	38.3	79.5	0
20200920T060000	2020	09	20	06:00	38.6	79	0
20200920T060500	2020	09	20	06:05	39	80.6	0
20200920T061000	2020	09	20	06:10	38.8	81.4	0
20200920T061500	2020	09	20	06:15	38.5	82.6	0
20200920T062000	2020	09	20	06:20	38.4	81.8	0
20200920T062500	2020	09	20	06:25	38.5	80	0
20200920T063000	2020	09	20	06:30	38.2	80.2	0
20200920T063500	2020	09	20	06:35	38.6	80.2	0
20200920T064000	2020	09	20	06:40	38.6	81.8	0
20200920T064500	2020	09	20	06:45	37.8	82.1	0
20200920T065000	2020	09	20	06:50	37	83.2	0
20200920T065500	2020	09	20	06:55	36.3	83.7	0
20200920T070000	2020	09	20	07:00	36.9	83	0
20200920T070500	2020	09	20	07:05	37.1	83.6	0
20200920T071000	2020	09	20	07:10	36.6	83.6	0
20200920T071500	2020	09	20	07:15	36.2	83.1	0
20200920T072000	2020	09	20	07:20	36.5	82.8	0
20200920T072500	2020	09	20	07:25	36.5	82.5	0
20200920T073000	2020	09	20	07:30	36.1	83.6	0
20200920T073500	2020	09	20	07:35	37.3	83.2	0
20200920T074000	2020	09	20	07:40	37.9	81	0
20200920T074500	2020	09	20	07:45	38.7	79.4	0
20200920T075000	2020	09	20	07:50	39.3	78.8	0
20200920T075500	2020	09	20	07:55	40.1	78.9	0
20200920T080000	2020	09	20	08:00	41.2	76.2	0
20200920T080500	2020	09	20	08:05	41.9	74	0
20200920T081000	2020	09	20	08:10	42.8	72.8	0
20200920T081500	2020	09	20	08:15	43.5	69.7	0
20200920T082000	2020	09	20	08:20	43.7	65.2	0
20200920T082500	2020	09	20	08:25	44	61.7	0
20200920T083000	2020	09	20	08:30	44	60.3	0
20200920T083500	2020	09	20	08:35	44.5	61.9	0
20200920T084000	2020	09	20	08:40	44.6	62.4	0
20200920T084500	2020	09	20	08:45	44.7	63.6	0
20200920T085000	2020	09	20	08:50	44.8	64.5	0
20200920T085500	2020	09	20	08:55	44.9	64.8	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200920T090000	2020	09	20	09:00	45.3	64.5	0
20200920T090500	2020	09	20	09:05	45.5	64.8	0
20200920T091000	2020	09	20	09:10	46.4	62.7	0
20200920T091500	2020	09	20	09:15	46.3	61.8	0
20200920T092000	2020	09	20	09:20	47	62.7	0
20200920T092500	2020	09	20	09:25	47.7	60.4	0
20200920T093000	2020	09	20	09:30	47.5	57.7	0
20200920T093500	2020	09	20	09:35	47.6	59.7	0
20200920T094000	2020	09	20	09:40	48.4	57.7	0
20200920T094500	2020	09	20	09:45	48.6	58.1	0
20200920T095000	2020	09	20	09:50	49.3	55.6	0
20200920T095500	2020	09	20	09:55	49	54.5	0
20200920T100000	2020	09	20	10:00	49	54.4	0
20200920T100500	2020	09	20	10:05	49.4	53.7	0
20200920T101000	2020	09	20	10:10	49.6	52.6	0
20200920T101500	2020	09	20	10:15	49.3	53.5	0
20200920T102000	2020	09	20	10:20	50.2	54.4	0
20200920T102500	2020	09	20	10:25	49.8	50.8	0
20200920T103000	2020	09	20	10:30	49.9	52.2	0
20200920T103500	2020	09	20	10:35	49.7	47.6	0
20200920T104000	2020	09	20	10:40	49.5	49.9	0
20200920T104500	2020	09	20	10:45	51.1	49.5	0
20200920T105000	2020	09	20	10:50	51.3	47.2	0
20200920T105500	2020	09	20	10:55	51.5	48.9	0
20200920T110000	2020	09	20	11:00	51	50.4	0
20200920T110500	2020	09	20	11:05	51.5	50	0
20200920T111000	2020	09	20	11:10	51.8	47.2	0
20200920T111500	2020	09	20	11:15	51.5	46.5	0
20200920T112000	2020	09	20	11:20	51.4	47.3	0
20200920T112500	2020	09	20	11:25	51.2	46.6	0
20200920T113000	2020	09	20	11:30	51.9	45	0
20200920T113500	2020	09	20	11:35	52	45.5	0
20200920T114000	2020	09	20	11:40	51.8	44.3	0
20200920T114500	2020	09	20	11:45	52.2	42.8	0
20200920T115000	2020	09	20	11:50	52.2	42.3	0
20200920T115500	2020	09	20	11:55	50.9	42.4	0
20200920T120000	2020	09	20	12:00	51.7	44.4	0
20200920T120500	2020	09	20	12:05	52.3	45.2	0
20200920T121000	2020	09	20	12:10	51.9	44.1	0
20200920T121500	2020	09	20	12:15	53	45.7	0
20200920T122000	2020	09	20	12:20	52.1	44.2	0
20200920T122500	2020	09	20	12:25	53	44.3	0
20200920T123000	2020	09	20	12:30	52.9	44.2	0
20200920T123500	2020	09	20	12:35	52.6	44.3	0
20200920T124000	2020	09	20	12:40	53.1	43.7	0
20200920T124500	2020	09	20	12:45	52.9	42.9	0
20200920T125000	2020	09	20	12:50	52.9	44.9	0
20200920T125500	2020	09	20	12:55	53.3	44	0
20200920T130000	2020	09	20	13:00	53	43.1	0
20200920T130500	2020	09	20	13:05	53.7	44.5	0
20200920T131000	2020	09	20	13:10	52.8	43.6	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200920T131500	2020	09	20	13:15	53	42.2	0
20200920T132000	2020	09	20	13:20	53.8	42.7	0
20200920T132500	2020	09	20	13:25	53.9	42.9	0
20200920T133000	2020	09	20	13:30	53.3	41.8	0
20200920T133500	2020	09	20	13:35	53.6	41.9	0
20200920T134000	2020	09	20	13:40	54	42.1	0
20200920T134500	2020	09	20	13:45	54.7	39	0
20200920T135000	2020	09	20	13:50	54.6	39.4	0
20200920T135500	2020	09	20	13:55	54.4	38.4	0
20200920T140000	2020	09	20	14:00	54.5	39	0
20200920T140500	2020	09	20	14:05	54.1	38.4	0
20200920T141000	2020	09	20	14:10	54.9	39	0
20200920T141500	2020	09	20	14:15	55.3	37.1	0
20200920T142000	2020	09	20	14:20	54.5	36.8	0
20200920T142500	2020	09	20	14:25	54.7	37.2	0
20200920T143000	2020	09	20	14:30	54.9	37.1	0
20200920T143500	2020	09	20	14:35	54.6	37	0
20200920T144000	2020	09	20	14:40	54.4	36.9	0
20200920T144500	2020	09	20	14:45	54.4	38.7	0
20200920T145000	2020	09	20	14:50	54.4	38	0
20200920T145500	2020	09	20	14:55	54.6	38	0
20200920T150000	2020	09	20	15:00	54.6	40.1	0
20200920T150500	2020	09	20	15:05	54.5	38.9	0
20200920T151000	2020	09	20	15:10	54.1	38.7	0
20200920T151500	2020	09	20	15:15	55	40.2	0
20200920T152000	2020	09	20	15:20	54.5	39.8	0
20200920T152500	2020	09	20	15:25	54.6	39	0
20200920T153000	2020	09	20	15:30	54.9	39.9	0
20200920T153500	2020	09	20	15:35	55.3	41.3	0
20200920T154000	2020	09	20	15:40	54.3	40.2	0
20200920T154500	2020	09	20	15:45	54.5	40.8	0
20200920T155000	2020	09	20	15:50	55.2	40.4	0
20200920T155500	2020	09	20	15:55	55.3	39.5	0
20200920T160000	2020	09	20	16:00	54.9	40	0
20200920T160500	2020	09	20	16:05	54.7	38.7	0
20200920T161000	2020	09	20	16:10	54.9	39.8	0
20200920T161500	2020	09	20	16:15	54.6	39.1	0
20200920T162000	2020	09	20	16:20	55.2	39.3	0
20200920T162500	2020	09	20	16:25	54.9	39.9	0
20200920T163000	2020	09	20	16:30	54.9	40.5	0
20200920T163500	2020	09	20	16:35	54.7	40	0
20200920T164000	2020	09	20	16:40	54.7	40.1	0
20200920T164500	2020	09	20	16:45	54.5	39.9	0
20200920T165000	2020	09	20	16:50	54.7	40.1	0
20200920T165500	2020	09	20	16:55	55	40.7	0
20200920T170000	2020	09	20	17:00	54.8	41.4	0
20200920T170500	2020	09	20	17:05	54.4	41.2	0
20200920T171000	2020	09	20	17:10	54.3	40.4	0
20200920T171500	2020	09	20	17:15	54.2	40	0
20200920T172000	2020	09	20	17:20	54.3	40.5	0
20200920T172500	2020	09	20	17:25	54.4	41.3	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200920T173000	2020	09	20	17:30	54	39.9	0
20200920T173500	2020	09	20	17:35	53.8	40.9	0
20200920T174000	2020	09	20	17:40	53.7	40.9	0
20200920T174500	2020	09	20	17:45	53.9	38.9	0
20200920T175000	2020	09	20	17:50	53.7	40	0
20200920T175500	2020	09	20	17:55	53.2	42.7	0
20200920T180000	2020	09	20	18:00	53.2	42.2	0
20200920T180500	2020	09	20	18:05	53.2	41.1	0
20200920T181000	2020	09	20	18:10	52.6	44.7	0
20200920T181500	2020	09	20	18:15	52.5	45.4	0
20200920T182000	2020	09	20	18:20	52.3	45.1	0
20200920T182500	2020	09	20	18:25	51.8	45.1	0
20200920T183000	2020	09	20	18:30	51.4	45.9	0
20200920T183500	2020	09	20	18:35	51.1	48.2	0
20200920T184000	2020	09	20	18:40	51.4	45.9	0
20200920T184500	2020	09	20	18:45	51.3	45.9	0
20200920T185000	2020	09	20	18:50	50.4	48.5	0
20200920T185500	2020	09	20	18:55	49.7	50.4	0
20200920T190000	2020	09	20	19:00	48.4	52.6	0
20200920T190500	2020	09	20	19:05	48.2	52.6	0
20200920T191000	2020	09	20	19:10	48.5	51.6	0
20200920T191500	2020	09	20	19:15	48.9	50.6	0
20200920T192000	2020	09	20	19:20	47.8	52.9	0
20200920T192500	2020	09	20	19:25	46.6	61.8	0
20200920T193000	2020	09	20	19:30	45.1	66.4	0
20200920T193500	2020	09	20	19:35	44.2	68.6	0
20200920T194000	2020	09	20	19:40	43.5	71.3	0
20200920T194500	2020	09	20	19:45	42.9	73.6	0
20200920T195000	2020	09	20	19:50	41.6	75.5	0
20200920T195500	2020	09	20	19:55	40.5	77.8	0
20200920T200000	2020	09	20	20:00	40.7	78.6	0
20200920T200500	2020	09	20	20:05	40.6	79	0
20200920T201000	2020	09	20	20:10	40.2	80.4	0
20200920T201500	2020	09	20	20:15	39.8	81.2	0
20200920T202000	2020	09	20	20:20	39.3	82.6	0
20200920T202500	2020	09	20	20:25	38.7	83.9	0
20200920T203000	2020	09	20	20:30	39.1	83.4	0
20200920T203500	2020	09	20	20:35	40.5	81	0
20200920T204000	2020	09	20	20:40	40.4	79.6	0
20200920T204500	2020	09	20	20:45	40	79.7	0
20200920T205000	2020	09	20	20:50	39.6	79.9	0
20200920T205500	2020	09	20	20:55	38.8	79	0
20200920T210000	2020	09	20	21:00	38.8	78	0
20200920T210500	2020	09	20	21:05	39.2	77	0
20200920T211000	2020	09	20	21:10	37.6	77.2	0
20200920T211500	2020	09	20	21:15	36.2	79	0
20200920T212000	2020	09	20	21:20	35.9	80	0
20200920T212500	2020	09	20	21:25	37.6	82.7	0
20200920T213000	2020	09	20	21:30	38.4	84	0
20200920T213500	2020	09	20	21:35	38.7	83.8	0
20200920T214000	2020	09	20	21:40	38.2	84	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200920T214500	2020	09	20	21:45	38	85	0
20200920T215000	2020	09	20	21:50	38.1	83	0
20200920T215500	2020	09	20	21:55	38.3	81.1	0
20200920T220000	2020	09	20	22:00	38.2	81.7	0
20200920T220500	2020	09	20	22:05	38	82.4	0
20200920T221000	2020	09	20	22:10	36.6	82.1	0
20200920T221500	2020	09	20	22:15	36.5	84	0
20200920T222000	2020	09	20	22:20	37.6	86	0
20200920T222500	2020	09	20	22:25	37.7	85	0
20200920T223000	2020	09	20	22:30	37.5	84.9	0
20200920T223500	2020	09	20	22:35	37.8	84.1	0
20200920T224000	2020	09	20	22:40	37.6	84.9	0
20200920T224500	2020	09	20	22:45	37.7	85	0
20200920T225000	2020	09	20	22:50	37.9	84.3	0
20200920T225500	2020	09	20	22:55	38.3	83	0
20200920T230000	2020	09	20	23:00	38.2	82.9	0
20200920T230500	2020	09	20	23:05	37.7	83.3	0
20200920T231000	2020	09	20	23:10	37.5	84.6	0
20200920T231500	2020	09	20	23:15	37.8	84.8	0
20200920T232000	2020	09	20	23:20	38	83.4	0
20200920T232500	2020	09	20	23:25	37.6	83	0
20200920T233000	2020	09	20	23:30	38	81.5	0
20200920T233500	2020	09	20	23:35	38.9	79.4	0
20200920T234000	2020	09	20	23:40	38.6	80.2	0
20200920T234500	2020	09	20	23:45	38	81.4	0
20200920T235000	2020	09	20	23:50	37.8	82	0
20200920T235500	2020	09	20	23:55	37.8	82.8	0
20200921T000000	2020	09	21	00:00	37.9	82.8	0
20200921T000500	2020	09	21	00:05	38.1	82.4	0
20200921T001000	2020	09	21	00:10	38.1	81.6	0
20200921T001500	2020	09	21	00:15	38.3	80.9	0
20200921T002000	2020	09	21	00:20	38	82.1	0
20200921T002500	2020	09	21	00:25	37.6	82.8	0
20200921T003000	2020	09	21	00:30	37	83.4	0
20200921T003500	2020	09	21	00:35	36.9	83.9	0
20200921T004000	2020	09	21	00:40	36.8	84.4	0
20200921T004500	2020	09	21	00:45	36.6	84.4	0
20200921T005000	2020	09	21	00:50	36.4	84.1	0
20200921T005500	2020	09	21	00:55	36.9	83.7	0
20200921T010000	2020	09	21	01:00	37.5	82.4	0
20200921T010500	2020	09	21	01:05	37.6	82.2	0
20200921T011000	2020	09	21	01:10	37.1	82.4	0
20200921T011500	2020	09	21	01:15	37.1	83.1	0
20200921T012000	2020	09	21	01:20	37.1	82.9	0
20200921T012500	2020	09	21	01:25	37.2	83.2	0
20200921T013000	2020	09	21	01:30	37.2	83.1	0
20200921T013500	2020	09	21	01:35	37.3	83.4	0
20200921T014000	2020	09	21	01:40	37.1	83.6	0
20200921T014500	2020	09	21	01:45	36.8	83.8	0
20200921T015000	2020	09	21	01:50	36.9	84.2	0
20200921T015500	2020	09	21	01:55	36.6	84.6	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200921T020000	2020	09	21	02:00	36.1	85.3	0
20200921T020500	2020	09	21	02:05	36.2	84.7	0
20200921T021000	2020	09	21	02:10	36.5	83.7	0
20200921T021500	2020	09	21	02:15	36.4	83.7	0
20200921T022000	2020	09	21	02:20	36.5	84.4	0
20200921T022500	2020	09	21	02:25	36.2	85.4	0
20200921T023000	2020	09	21	02:30	36.1	85.7	0
20200921T023500	2020	09	21	02:35	36.1	86	0
20200921T024000	2020	09	21	02:40	36	85.2	0
20200921T024500	2020	09	21	02:45	35.4	84.6	0
20200921T025000	2020	09	21	02:50	35.3	84.6	0
20200921T025500	2020	09	21	02:55	35	84	0
20200921T030000	2020	09	21	03:00	35.1	83.9	0
20200921T030500	2020	09	21	03:05	35.3	85.3	0
20200921T031000	2020	09	21	03:10	35.6	85.7	0
20200921T031500	2020	09	21	03:15	35.3	86.2	0
20200921T032000	2020	09	21	03:20	35.2	86.3	0
20200921T032500	2020	09	21	03:25	35.7	85.1	0
20200921T033000	2020	09	21	03:30	36.1	83.9	0
20200921T033500	2020	09	21	03:35	36.4	83.2	0
20200921T034000	2020	09	21	03:40	36	83.1	0
20200921T034500	2020	09	21	03:45	35.4	84.6	0
20200921T035000	2020	09	21	03:50	35.4	84.6	0
20200921T035500	2020	09	21	03:55	35.2	84.3	0
20200921T040000	2020	09	21	04:00	35.5	84.3	0
20200921T040500	2020	09	21	04:05	35.5	83.8	0
20200921T041000	2020	09	21	04:10	35.5	83.8	0
20200921T041500	2020	09	21	04:15	35.3	83.9	0
20200921T042000	2020	09	21	04:20	35.1	84.7	0
20200921T042500	2020	09	21	04:25	35	84.3	0
20200921T043000	2020	09	21	04:30	34.8	84.1	0
20200921T043500	2020	09	21	04:35	34.7	84.9	0
20200921T044000	2020	09	21	04:40	34.8	85.3	0
20200921T044500	2020	09	21	04:45	34.6	85.6	0
20200921T045000	2020	09	21	04:50	35	85.8	0
20200921T045500	2020	09	21	04:55	34.9	85.4	0
20200921T050000	2020	09	21	05:00	34.9	85.3	0
20200921T050500	2020	09	21	05:05	35.2	86.1	0
20200921T051000	2020	09	21	05:10	35.1	86.2	0
20200921T051500	2020	09	21	05:15	34.9	85.5	0
20200921T052000	2020	09	21	05:20	34.5	84.9	0
20200921T052500	2020	09	21	05:25	34.5	85	0
20200921T053000	2020	09	21	05:30	34.4	85.4	0
20200921T053500	2020	09	21	05:35	34	85.3	0
20200921T054000	2020	09	21	05:40	34.4	85.1	0
20200921T054500	2020	09	21	05:45	34	86	0
20200921T055000	2020	09	21	05:50	33.9	86.5	0
20200921T055500	2020	09	21	05:55	33.9	86.1	0
20200921T060000	2020	09	21	06:00	33.8	86.3	0
20200921T060500	2020	09	21	06:05	32.1	85.9	0
20200921T061000	2020	09	21	06:10	31.1	88.4	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200921T061500	2020	09	21	06:15	31.4	89.2	0
20200921T062000	2020	09	21	06:20	31.8	89.4	0
20200921T062500	2020	09	21	06:25	32.7	89.9	0
20200921T063000	2020	09	21	06:30	33.2	90.1	0
20200921T063500	2020	09	21	06:35	33.3	89.3	0
20200921T064000	2020	09	21	06:40	33.2	89.3	0
20200921T064500	2020	09	21	06:45	33.3	89.4	0
20200921T065000	2020	09	21	06:50	33.5	88.9	0
20200921T065500	2020	09	21	06:55	32.8	87.8	0
20200921T070000	2020	09	21	07:00	33	88.3	0
20200921T070500	2020	09	21	07:05	33.4	87.6	0
20200921T071000	2020	09	21	07:10	33.3	86.7	0
20200921T071500	2020	09	21	07:15	32.8	87.5	0
20200921T072000	2020	09	21	07:20	33.4	87.2	0
20200921T072500	2020	09	21	07:25	33.8	87.8	0
20200921T073000	2020	09	21	07:30	33.8	86.4	0
20200921T073500	2020	09	21	07:35	34.1	86.6	0
20200921T074000	2020	09	21	07:40	34.1	86.2	0
20200921T074500	2020	09	21	07:45	34	86.5	0
20200921T075000	2020	09	21	07:50	34.9	86.7	0
20200921T075500	2020	09	21	07:55	35.5	84.9	0
20200921T080000	2020	09	21	08:00	36	84.4	0
20200921T080500	2020	09	21	08:05	36.8	83.3	0
20200921T081000	2020	09	21	08:10	37.4	82.5	0
20200921T081500	2020	09	21	08:15	37.6	82.4	0
20200921T082000	2020	09	21	08:20	38.2	82	0
20200921T082500	2020	09	21	08:25	38.9	80.4	0
20200921T083000	2020	09	21	08:30	39.9	79.7	0
20200921T083500	2020	09	21	08:35	40.9	78.1	0
20200921T084000	2020	09	21	08:40	41.8	76.1	0
20200921T084500	2020	09	21	08:45	42.7	74.3	0
20200921T085000	2020	09	21	08:50	43.7	72.4	0
20200921T085500	2020	09	21	08:55	44.3	72.6	0
20200921T090000	2020	09	21	09:00	44.6	72.9	0
20200921T090500	2020	09	21	09:05	45.3	71.6	0
20200921T091000	2020	09	21	09:10	45.7	70.2	0
20200921T091500	2020	09	21	09:15	46.2	69.1	0
20200921T092000	2020	09	21	09:20	47.3	68.1	0
20200921T092500	2020	09	21	09:25	47.9	66.9	0
20200921T093000	2020	09	21	09:30	48.5	64.6	0
20200921T093500	2020	09	21	09:35	49.3	62.6	0
20200921T094000	2020	09	21	09:40	49.7	54.9	0
20200921T094500	2020	09	21	09:45	50	50.5	0
20200921T095000	2020	09	21	09:50	50.2	51.6	0
20200921T095500	2020	09	21	09:55	50.5	51.1	0
20200921T100000	2020	09	21	10:00	51.3	48.5	0
20200921T100500	2020	09	21	10:05	51.9	48.4	0
20200921T101000	2020	09	21	10:10	51.9	46.7	0
20200921T101500	2020	09	21	10:15	52.1	45.1	0
20200921T102000	2020	09	21	10:20	52.5	46.2	0
20200921T102500	2020	09	21	10:25	53	44.9	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200921T103000	2020	09	21	10:30	53.1	44.6	0
20200921T103500	2020	09	21	10:35	53	44.1	0
20200921T104000	2020	09	21	10:40	52.3	44	0
20200921T104500	2020	09	21	10:45	52.9	42.8	0
20200921T105000	2020	09	21	10:50	52.2	41.8	0
20200921T105500	2020	09	21	10:55	53.2	40.2	0
20200921T110000	2020	09	21	11:00	54.7	39.4	0
20200921T110500	2020	09	21	11:05	53.8	40.1	0
20200921T111000	2020	09	21	11:10	54.2	41.4	0
20200921T111500	2020	09	21	11:15	54	41	0
20200921T112000	2020	09	21	11:20	54.9	42.9	0
20200921T112500	2020	09	21	11:25	55	38	0
20200921T113000	2020	09	21	11:30	54.7	38.4	0
20200921T113500	2020	09	21	11:35	55.1	39.9	0
20200921T114000	2020	09	21	11:40	54.5	39.9	0
20200921T114500	2020	09	21	11:45	55.1	40.8	0
20200921T115000	2020	09	21	11:50	54.5	41.9	0
20200921T115500	2020	09	21	11:55	55.6	42.2	0
20200921T120000	2020	09	21	12:00	54.7	39.4	0
20200921T120500	2020	09	21	12:05	55.3	39.1	0
20200921T121000	2020	09	21	12:10	55.7	37.3	0
20200921T121500	2020	09	21	12:15	56.9	38.7	0
20200921T122000	2020	09	21	12:20	56.2	38.9	0
20200921T122500	2020	09	21	12:25	55.5	39.3	0
20200921T123000	2020	09	21	12:30	56.3	39	0
20200921T123500	2020	09	21	12:35	57.3	38.7	0
20200921T124000	2020	09	21	12:40	56.3	38.8	0
20200921T124500	2020	09	21	12:45	56.3	40	0
20200921T125000	2020	09	21	12:50	55.7	38.9	0
20200921T125500	2020	09	21	12:55	56.3	39.3	0
20200921T130000	2020	09	21	13:00	56.9	38.3	0
20200921T130500	2020	09	21	13:05	56.8	37.4	0
20200921T131000	2020	09	21	13:10	57.8	38.6	0
20200921T131500	2020	09	21	13:15	58.1	38.2	0
20200921T132000	2020	09	21	13:20	57.6	38	0
20200921T132500	2020	09	21	13:25	57.8	38.5	0
20200921T133000	2020	09	21	13:30	57.7	37.5	0
20200921T133500	2020	09	21	13:35	58.3	37.8	0
20200921T134000	2020	09	21	13:40	58	37.4	0
20200921T134500	2020	09	21	13:45	58.4	38.4	0
20200921T135000	2020	09	21	13:50	59	38.3	0
20200921T135500	2020	09	21	13:55	58.5	37.6	0
20200921T140000	2020	09	21	14:00	59.1	37.3	0
20200921T140500	2020	09	21	14:05	59.7	37.4	0
20200921T141000	2020	09	21	14:10	59.4	37.5	0
20200921T141500	2020	09	21	14:15	58.7	37.3	0
20200921T142000	2020	09	21	14:20	59.2	37.8	0
20200921T142500	2020	09	21	14:25	59.1	37.9	0
20200921T143000	2020	09	21	14:30	59.1	37.3	0
20200921T143500	2020	09	21	14:35	59.2	38.3	0
20200921T144000	2020	09	21	14:40	59.3	37.4	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200921T144500	2020	09	21	14:45	59.6	38.4	0
20200921T145000	2020	09	21	14:50	59.8	38.6	0
20200921T145500	2020	09	21	14:55	60.2	38.7	0
20200921T150000	2020	09	21	15:00	59.4	38.1	0
20200921T150500	2020	09	21	15:05	59.7	38.1	0
20200921T151000	2020	09	21	15:10	60.1	38.2	0
20200921T151500	2020	09	21	15:15	60.4	37.8	0
20200921T152000	2020	09	21	15:20	60.2	38.3	0
20200921T152500	2020	09	21	15:25	59.9	37.6	0
20200921T153000	2020	09	21	15:30	60.1	38	0
20200921T153500	2020	09	21	15:35	59.8	37.8	0
20200921T154000	2020	09	21	15:40	59.8	37.8	0
20200921T154500	2020	09	21	15:45	59.7	37.8	0
20200921T155000	2020	09	21	15:50	60.4	38.6	0
20200921T155500	2020	09	21	15:55	59.9	38.1	0
20200921T160000	2020	09	21	16:00	59.8	38.7	0
20200921T160500	2020	09	21	16:05	59.9	37.8	0
20200921T161000	2020	09	21	16:10	60.1	38.2	0
20200921T161500	2020	09	21	16:15	60.1	38.4	0
20200921T162000	2020	09	21	16:20	59.9	38.4	0
20200921T162500	2020	09	21	16:25	60	38.8	0
20200921T163000	2020	09	21	16:30	59.9	38.6	0
20200921T163500	2020	09	21	16:35	59.8	38.8	0
20200921T164000	2020	09	21	16:40	59.8	38.9	0
20200921T164500	2020	09	21	16:45	59.7	38.6	0
20200921T165000	2020	09	21	16:50	59.6	39.5	0
20200921T165500	2020	09	21	16:55	59.5	39.2	0
20200921T170000	2020	09	21	17:00	59.1	40.5	0
20200921T170500	2020	09	21	17:05	58.8	41.5	0
20200921T171000	2020	09	21	17:10	58.9	39.8	0
20200921T171500	2020	09	21	17:15	58.8	41.1	0
20200921T172000	2020	09	21	17:20	58.3	41.3	0
20200921T172500	2020	09	21	17:25	58	42.3	0
20200921T173000	2020	09	21	17:30	57.7	42.4	0
20200921T173500	2020	09	21	17:35	57.4	43.5	0
20200921T174000	2020	09	21	17:40	57.2	44.9	0
20200921T174500	2020	09	21	17:45	56.9	45.3	0
20200921T175000	2020	09	21	17:50	56.7	45.2	0
20200921T175500	2020	09	21	17:55	56.3	46.2	0
20200921T180000	2020	09	21	18:00	56	46.2	0
20200921T180500	2020	09	21	18:05	55.6	47.1	0
20200921T181000	2020	09	21	18:10	55.1	48.3	0
20200921T181500	2020	09	21	18:15	54.8	48.5	0
20200921T182000	2020	09	21	18:20	54.4	49.3	0
20200921T182500	2020	09	21	18:25	54.3	49.5	0
20200921T183000	2020	09	21	18:30	53.9	50.5	0
20200921T183500	2020	09	21	18:35	53.9	50.5	0
20200921T184000	2020	09	21	18:40	53.9	50.2	0
20200921T184500	2020	09	21	18:45	53.5	50.5	0
20200921T185000	2020	09	21	18:50	53.7	49.6	0
20200921T185500	2020	09	21	18:55	53.6	49.8	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200921T190000	2020	09	21	19:00	53.1	50.4	0
20200921T190500	2020	09	21	19:05	52	51.4	0
20200921T191000	2020	09	21	19:10	50.3	54.2	0
20200921T191500	2020	09	21	19:15	50.9	55.9	0
20200921T192000	2020	09	21	19:20	50.5	56.7	0
20200921T192500	2020	09	21	19:25	50	58.9	0
20200921T193000	2020	09	21	19:30	47.3	65.3	0
20200921T193500	2020	09	21	19:35	46.3	69	0
20200921T194000	2020	09	21	19:40	46.7	72	0
20200921T194500	2020	09	21	19:45	44.8	73.7	0
20200921T195000	2020	09	21	19:50	45.8	75.3	0
20200921T195500	2020	09	21	19:55	44.6	75.5	0
20200921T200000	2020	09	21	20:00	42.8	77.5	0
20200921T200500	2020	09	21	20:05	41.6	78.7	0
20200921T201000	2020	09	21	20:10	42	79.2	0
20200921T201500	2020	09	21	20:15	42	79.3	0
20200921T202000	2020	09	21	20:20	42	79.8	0
20200921T202500	2020	09	21	20:25	42.4	81.4	0
20200921T203000	2020	09	21	20:30	41.5	80.4	0
20200921T203500	2020	09	21	20:35	39.6	79.2	0
20200921T204000	2020	09	21	20:40	39.1	80.1	0
20200921T204500	2020	09	21	20:45	40.7	82.8	0
20200921T205000	2020	09	21	20:50	40.8	84	0
20200921T205500	2020	09	21	20:55	40.7	84	0
20200921T210000	2020	09	21	21:00	42.1	80.7	0
20200921T210500	2020	09	21	21:05	41.6	79.3	0
20200921T211000	2020	09	21	21:10	40.7	82.6	0
20200921T211500	2020	09	21	21:15	41.2	83.6	0
20200921T212000	2020	09	21	21:20	41.3	85.3	0
20200921T212500	2020	09	21	21:25	40.9	85	0
20200921T213000	2020	09	21	21:30	41.8	84.2	0
20200921T213500	2020	09	21	21:35	42.4	82.3	0
20200921T214000	2020	09	21	21:40	41.2	82.7	0
20200921T214500	2020	09	21	21:45	40.3	84	0
20200921T215000	2020	09	21	21:50	39.7	84.9	0
20200921T215500	2020	09	21	21:55	40.1	85.3	0
20200921T220000	2020	09	21	22:00	40.1	84.1	0
20200921T220500	2020	09	21	22:05	40.2	84.5	0
20200921T221000	2020	09	21	22:10	40	84.6	0
20200921T221500	2020	09	21	22:15	40.3	84.6	0
20200921T222000	2020	09	21	22:20	40.6	82.6	0
20200921T222500	2020	09	21	22:25	40.8	82.4	0
20200921T223000	2020	09	21	22:30	41.6	83.3	0
20200921T223500	2020	09	21	22:35	41.1	84.7	0
20200921T224000	2020	09	21	22:40	40.9	84.9	0
20200921T224500	2020	09	21	22:45	41.6	84.6	0
20200921T225000	2020	09	21	22:50	42.4	83.7	0
20200921T225500	2020	09	21	22:55	42.3	83.8	0
20200921T230000	2020	09	21	23:00	42	84.2	0
20200921T230500	2020	09	21	23:05	41.9	84.5	0
20200921T231000	2020	09	21	23:10	41.8	84.2	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200921T231500	2020	09	21	23:15	41.8	84.3	0
20200921T232000	2020	09	21	23:20	41.7	84.6	0
20200921T232500	2020	09	21	23:25	41.4	85.2	0
20200921T233000	2020	09	21	23:30	40.5	85.7	0
20200921T233500	2020	09	21	23:35	40.5	84.9	0
20200921T234000	2020	09	21	23:40	40.7	85	0
20200921T234500	2020	09	21	23:45	41.3	85.4	0
20200921T235000	2020	09	21	23:50	41.6	85	0
20200921T235500	2020	09	21	23:55	41.3	84.3	0
20200922T000000	2020	09	22	00:00	40.9	84	0
20200922T000500	2020	09	22	00:05	40.5	85.3	0
20200922T001000	2020	09	22	00:10	40.5	85.8	0
20200922T001500	2020	09	22	00:15	41.4	83.6	0
20200922T002000	2020	09	22	00:20	41.6	82.5	0
20200922T002500	2020	09	22	00:25	41.2	84.3	0
20200922T003000	2020	09	22	00:30	41.5	84.5	0
20200922T003500	2020	09	22	00:35	41.7	83.7	0
20200922T004000	2020	09	22	00:40	40.5	84	0
20200922T004500	2020	09	22	00:45	39.9	84.4	0
20200922T005000	2020	09	22	00:50	40.5	85.1	0
20200922T005500	2020	09	22	00:55	40.5	85.8	0
20200922T010000	2020	09	22	01:00	40	86.4	0
20200922T010500	2020	09	22	01:05	39.2	86.6	0
20200922T011000	2020	09	22	01:10	39.9	85.9	0
20200922T011500	2020	09	22	01:15	39.4	84.6	0
20200922T012000	2020	09	22	01:20	39.6	84.7	0
20200922T012500	2020	09	22	01:25	39.6	85.7	0
20200922T013000	2020	09	22	01:30	39.6	87.5	0
20200922T013500	2020	09	22	01:35	39.5	88.2	0
20200922T014000	2020	09	22	01:40	39.2	88.5	0
20200922T014500	2020	09	22	01:45	38.1	88.1	0
20200922T015000	2020	09	22	01:50	38.6	89.4	0
20200922T015500	2020	09	22	01:55	37.9	88.5	0
20200922T020000	2020	09	22	02:00	38.3	89.2	0
20200922T020500	2020	09	22	02:05	38.3	89.1	0
20200922T021000	2020	09	22	02:10	37.7	88.4	0
20200922T021500	2020	09	22	02:15	38	89.2	0
20200922T022000	2020	09	22	02:20	38.3	89.5	0
20200922T022500	2020	09	22	02:25	38	89.8	0
20200922T023000	2020	09	22	02:30	37.8	88.7	0
20200922T023500	2020	09	22	02:35	37.1	87.5	0
20200922T024000	2020	09	22	02:40	38	88.7	0
20200922T024500	2020	09	22	02:45	38.3	88.8	0
20200922T025000	2020	09	22	02:50	38.2	87	0
20200922T025500	2020	09	22	02:55	38.2	86.3	0
20200922T030000	2020	09	22	03:00	38.2	86.5	0
20200922T030500	2020	09	22	03:05	38	86.5	0
20200922T031000	2020	09	22	03:10	37.3	86.8	0
20200922T031500	2020	09	22	03:15	37.4	88.7	0
20200922T032000	2020	09	22	03:20	37.2	89.5	0
20200922T032500	2020	09	22	03:25	37.2	90.2	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200922T033000	2020	09	22	03:30	37.2	90.7	0
20200922T033500	2020	09	22	03:35	36.9	90.8	0
20200922T034000	2020	09	22	03:40	37.1	91.5	0
20200922T034500	2020	09	22	03:45	37.1	91.5	0
20200922T035000	2020	09	22	03:50	36.8	91.4	0
20200922T035500	2020	09	22	03:55	36.8	91.2	0
20200922T040000	2020	09	22	04:00	36.9	91.9	0
20200922T040500	2020	09	22	04:05	37	92.2	0
20200922T041000	2020	09	22	04:10	36.9	91.9	0
20200922T041500	2020	09	22	04:15	36.5	91.7	0
20200922T042000	2020	09	22	04:20	36.1	92.2	0
20200922T042500	2020	09	22	04:25	36	92.2	0
20200922T043000	2020	09	22	04:30	36.2	92.3	0
20200922T043500	2020	09	22	04:35	36.5	92.5	0
20200922T044000	2020	09	22	04:40	36.3	92.2	0
20200922T044500	2020	09	22	04:45	36.5	92	0
20200922T045000	2020	09	22	04:50	36.5	91.6	0
20200922T045500	2020	09	22	04:55	36.2	91.4	0
20200922T050000	2020	09	22	05:00	36.3	91.6	0
20200922T050500	2020	09	22	05:05	35.7	91.3	0
20200922T051000	2020	09	22	05:10	35.6	91.8	0
20200922T051500	2020	09	22	05:15	35.3	92.2	0
20200922T052000	2020	09	22	05:20	35.3	90.2	0
20200922T052500	2020	09	22	05:25	35.6	91.1	0
20200922T053000	2020	09	22	05:30	35.4	92	0
20200922T053500	2020	09	22	05:35	35.1	92.5	0
20200922T054000	2020	09	22	05:40	35.3	92.7	0
20200922T054500	2020	09	22	05:45	35.5	92.8	0
20200922T055000	2020	09	22	05:50	35.6	92.7	0
20200922T055500	2020	09	22	05:55	35.5	92.5	0
20200922T060000	2020	09	22	06:00	35.3	92.5	0
20200922T060500	2020	09	22	06:05	34.5	92	0
20200922T061000	2020	09	22	06:10	34.4	92.7	0
20200922T061500	2020	09	22	06:15	34.5	93.6	0
20200922T062000	2020	09	22	06:20	34.7	93.8	0
20200922T062500	2020	09	22	06:25	34.8	93.6	0
20200922T063000	2020	09	22	06:30	34.3	93.6	0
20200922T063500	2020	09	22	06:35	34.4	93.3	0
20200922T064000	2020	09	22	06:40	34.7	92.7	0
20200922T064500	2020	09	22	06:45	34.9	92.9	0
20200922T065000	2020	09	22	06:50	34.9	93.2	0
20200922T065500	2020	09	22	06:55	34.6	92.9	0
20200922T070000	2020	09	22	07:00	34.5	92.9	0
20200922T070500	2020	09	22	07:05	34.6	93	0
20200922T071000	2020	09	22	07:10	34.8	92.8	0
20200922T071500	2020	09	22	07:15	35	92.2	0
20200922T072000	2020	09	22	07:20	34.6	91.6	0
20200922T072500	2020	09	22	07:25	35.1	91.3	0
20200922T073000	2020	09	22	07:30	35.9	91.4	0
20200922T073500	2020	09	22	07:35	36.3	90.8	0
20200922T074000	2020	09	22	07:40	36.9	89.6	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200922T074500	2020	09	22	07:45	37.3	87.8	0
20200922T075000	2020	09	22	07:50	37.8	86.4	0
20200922T075500	2020	09	22	07:55	38.8	88.1	0
20200922T080000	2020	09	22	08:00	39.8	86.2	0
20200922T080500	2020	09	22	08:05	40.3	85.3	0
20200922T081000	2020	09	22	08:10	40.9	84.6	0
20200922T081500	2020	09	22	08:15	42	81.9	0
20200922T082000	2020	09	22	08:20	42.9	80.7	0
20200922T082500	2020	09	22	08:25	43.8	76.2	0
20200922T083000	2020	09	22	08:30	44.5	76.5	0
20200922T083500	2020	09	22	08:35	45.1	76.1	0
20200922T084000	2020	09	22	08:40	45.7	73.6	0
20200922T084500	2020	09	22	08:45	46.2	70.1	0
20200922T085000	2020	09	22	08:50	46.3	70	0
20200922T085500	2020	09	22	08:55	46.9	68.7	0
20200922T090000	2020	09	22	09:00	47.7	67.8	0
20200922T090500	2020	09	22	09:05	47.7	69.8	0
20200922T091000	2020	09	22	09:10	47.8	70.7	0
20200922T091500	2020	09	22	09:15	47.8	67	0
20200922T092000	2020	09	22	09:20	48.1	67.1	0
20200922T092500	2020	09	22	09:25	48.9	67.3	0
20200922T093000	2020	09	22	09:30	49.4	65.1	0
20200922T093500	2020	09	22	09:35	49.5	64.9	0
20200922T094000	2020	09	22	09:40	49.7	66	0
20200922T094500	2020	09	22	09:45	49.8	67.1	0
20200922T095000	2020	09	22	09:50	49.9	64.8	0
20200922T095500	2020	09	22	09:55	50.1	63.2	0
20200922T100000	2020	09	22	10:00	50.6	62.4	0
20200922T100500	2020	09	22	10:05	50.7	61.6	0
20200922T101000	2020	09	22	10:10	51.2	59.9	0
20200922T101500	2020	09	22	10:15	51.2	59.3	0
20200922T102000	2020	09	22	10:20	51.7	59	0
20200922T102500	2020	09	22	10:25	52.2	59.3	0
20200922T103000	2020	09	22	10:30	52.3	59.4	0
20200922T103500	2020	09	22	10:35	52.7	59.6	0
20200922T104000	2020	09	22	10:40	52.7	58.3	0
20200922T104500	2020	09	22	10:45	52.9	57.3	0
20200922T105000	2020	09	22	10:50	53	55.6	0
20200922T105500	2020	09	22	10:55	53.5	55.4	0
20200922T110000	2020	09	22	11:00	53.3	53.4	0
20200922T110500	2020	09	22	11:05	53.6	47.5	0
20200922T111000	2020	09	22	11:10	54.5	48.6	0
20200922T111500	2020	09	22	11:15	54.5	48.7	0
20200922T112000	2020	09	22	11:20	54.6	48.8	0
20200922T112500	2020	09	22	11:25	55.1	47.2	0
20200922T113000	2020	09	22	11:30	55.7	46.5	0
20200922T113500	2020	09	22	11:35	55.8	46.3	0
20200922T114000	2020	09	22	11:40	56.4	46.3	0
20200922T114500	2020	09	22	11:45	56.1	47.4	0
20200922T115000	2020	09	22	11:50	56.6	45.5	0
20200922T115500	2020	09	22	11:55	57	45.7	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200922T120000	2020	09	22	12:00	56.9	46	0
20200922T120500	2020	09	22	12:05	57.6	46.6	0
20200922T121000	2020	09	22	12:10	56.9	46.3	0
20200922T121500	2020	09	22	12:15	57.8	46.8	0
20200922T122000	2020	09	22	12:20	57.3	44	0
20200922T122500	2020	09	22	12:25	58.4	45.1	0
20200922T123000	2020	09	22	12:30	57.3	44.5	0
20200922T123500	2020	09	22	12:35	57.7	45.6	0
20200922T124000	2020	09	22	12:40	58.4	45.1	0
20200922T124500	2020	09	22	12:45	57.8	45.6	0
20200922T125000	2020	09	22	12:50	58.5	45.7	0
20200922T125500	2020	09	22	12:55	58.4	45	0
20200922T130000	2020	09	22	13:00	57.9	45.7	0
20200922T130500	2020	09	22	13:05	58.9	46.1	0
20200922T131000	2020	09	22	13:10	58.4	46.4	0
20200922T131500	2020	09	22	13:15	58.6	45.8	0
20200922T132000	2020	09	22	13:20	59.1	46.6	0
20200922T132500	2020	09	22	13:25	58.3	45.1	0
20200922T133000	2020	09	22	13:30	58.8	45.2	0
20200922T133500	2020	09	22	13:35	58.8	45.8	0
20200922T134000	2020	09	22	13:40	58.8	45.4	0
20200922T134500	2020	09	22	13:45	59.2	44.4	0
20200922T135000	2020	09	22	13:50	59.3	44.7	0
20200922T135500	2020	09	22	13:55	59.1	44.9	0
20200922T140000	2020	09	22	14:00	59.3	44.9	0
20200922T140500	2020	09	22	14:05	59.8	44.5	0
20200922T141000	2020	09	22	14:10	59.4	43.7	0
20200922T141500	2020	09	22	14:15	59.3	43.9	0
20200922T142000	2020	09	22	14:20	59.6	43.9	0
20200922T142500	2020	09	22	14:25	59.4	44	0
20200922T143000	2020	09	22	14:30	60	43.5	0
20200922T143500	2020	09	22	14:35	59.7	43.7	0
20200922T144000	2020	09	22	14:40	60.5	44.4	0
20200922T144500	2020	09	22	14:45	59.8	43.8	0
20200922T145000	2020	09	22	14:50	60.6	43.7	0
20200922T145500	2020	09	22	14:55	60.1	42.9	0
20200922T150000	2020	09	22	15:00	59.8	42.9	0
20200922T150500	2020	09	22	15:05	60	42.1	0
20200922T151000	2020	09	22	15:10	59.7	41.2	0
20200922T151500	2020	09	22	15:15	59.7	41.4	0
20200922T152000	2020	09	22	15:20	60.1	41.2	0
20200922T152500	2020	09	22	15:25	60	41.1	0
20200922T153000	2020	09	22	15:30	59.7	41.8	0
20200922T153500	2020	09	22	15:35	60.1	43	0
20200922T154000	2020	09	22	15:40	59.8	43.5	0
20200922T154500	2020	09	22	15:45	59.9	43.5	0
20200922T155000	2020	09	22	15:50	59.8	43.7	0
20200922T155500	2020	09	22	15:55	60	43.7	0
20200922T160000	2020	09	22	16:00	60	43.9	0
20200922T160500	2020	09	22	16:05	60	43.7	0
20200922T161000	2020	09	22	16:10	60.1	44.3	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200922T161500	2020	09	22	16:15	60.4	45	0
20200922T162000	2020	09	22	16:20	60.2	44.6	0
20200922T162500	2020	09	22	16:25	60.3	45.5	0
20200922T163000	2020	09	22	16:30	60.6	46.4	0
20200922T163500	2020	09	22	16:35	60.5	46.2	0
20200922T164000	2020	09	22	16:40	60.4	45.8	0
20200922T164500	2020	09	22	16:45	60.3	46	0
20200922T165000	2020	09	22	16:50	60.5	46.7	0
20200922T165500	2020	09	22	16:55	60.1	46.4	0
20200922T170000	2020	09	22	17:00	60.3	47	0
20200922T170500	2020	09	22	17:05	60.1	46.9	0
20200922T171000	2020	09	22	17:10	59.9	46.8	0
20200922T171500	2020	09	22	17:15	60	47.9	0
20200922T172000	2020	09	22	17:20	59.8	47.9	0
20200922T172500	2020	09	22	17:25	59.7	47.5	0
20200922T173000	2020	09	22	17:30	59.6	48.1	0
20200922T173500	2020	09	22	17:35	59.5	48.1	0
20200922T174000	2020	09	22	17:40	59.3	48.4	0
20200922T174500	2020	09	22	17:45	59	49.4	0
20200922T175000	2020	09	22	17:50	58.7	50.3	0
20200922T175500	2020	09	22	17:55	58.4	51.4	0
20200922T180000	2020	09	22	18:00	58	52.1	0
20200922T180500	2020	09	22	18:05	57.5	53.9	0
20200922T181000	2020	09	22	18:10	57.3	54.5	0
20200922T181500	2020	09	22	18:15	56.9	55.6	0
20200922T182000	2020	09	22	18:20	56.4	56.5	0
20200922T182500	2020	09	22	18:25	56	57.1	0
20200922T183000	2020	09	22	18:30	55.6	58.6	0
20200922T183500	2020	09	22	18:35	55.9	58	0
20200922T184000	2020	09	22	18:40	55.8	57.9	0
20200922T184500	2020	09	22	18:45	55.3	58	0
20200922T185000	2020	09	22	18:50	54.8	58.9	0
20200922T185500	2020	09	22	18:55	53.8	60.3	0
20200922T190000	2020	09	22	19:00	53.4	61.3	0
20200922T190500	2020	09	22	19:05	53.8	60.9	0
20200922T191000	2020	09	22	19:10	53.1	61.2	0
20200922T191500	2020	09	22	19:15	52.8	62	0
20200922T192000	2020	09	22	19:20	52.8	62.1	0
20200922T192500	2020	09	22	19:25	53.1	62.3	0
20200922T193000	2020	09	22	19:30	52.9	62.6	0
20200922T193500	2020	09	22	19:35	52.4	64.2	0
20200922T194000	2020	09	22	19:40	52	67.9	0
20200922T194500	2020	09	22	19:45	51.3	70.1	0
20200922T195000	2020	09	22	19:50	50.7	70.7	0
20200922T195500	2020	09	22	19:55	51	72.5	0
20200922T200000	2020	09	22	20:00	51	72.7	0
20200922T200500	2020	09	22	20:05	50.6	74	0
20200922T201000	2020	09	22	20:10	50.3	73.8	0
20200922T201500	2020	09	22	20:15	49.9	73	0
20200922T202000	2020	09	22	20:20	49.3	72.9	0
20200922T202500	2020	09	22	20:25	49.6	72	0

Table C-1: Summer SUNY MesoNet Meteorological Data (Malone Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200922T203000	2020	09	22	20:30	49.6	71.6	0
20200922T203500	2020	09	22	20:35	49.6	71.1	0
20200922T204000	2020	09	22	20:40	49.5	71	0
20200922T204500	2020	09	22	20:45	49.7	70.5	0
20200922T205000	2020	09	22	20:50	49.6	70.5	0
20200922T205500	2020	09	22	20:55	49.8	70	0
20200922T210000	2020	09	22	21:00	49.9	69.5	0
20200922T210500	2020	09	22	21:05	49.6	70.2	0
20200922T211000	2020	09	22	21:10	49.3	71	0
20200922T211500	2020	09	22	21:15	48.9	71.9	0
20200922T212000	2020	09	22	21:20	48.5	72.6	0
20200922T212500	2020	09	22	21:25	49.6	71	0
20200922T213000	2020	09	22	21:30	49.7	70.6	0
20200922T213500	2020	09	22	21:35	49.3	71.5	0
20200922T214000	2020	09	22	21:40	49.1	71.8	0
20200922T214500	2020	09	22	21:45	49.5	71.1	0
20200922T215000	2020	09	22	21:50	49.8	70.7	0
20200922T215500	2020	09	22	21:55	49.9	70.3	0
20200922T220000	2020	09	22	22:00	50.2	69.6	0
20200922T220500	2020	09	22	22:05	50.4	69	0
20200922T221000	2020	09	22	22:10	50.6	68.8	0
20200922T221500	2020	09	22	22:15	50.8	68	0
20200922T222000	2020	09	22	22:20	50.8	67.3	0
20200922T222500	2020	09	22	22:25	50.4	68.6	0
20200922T223000	2020	09	22	22:30	50.5	68.8	0
20200922T223500	2020	09	22	22:35	50.6	68.7	0
20200922T224000	2020	09	22	22:40	50.5	70.3	0
20200922T224500	2020	09	22	22:45	50.9	69.5	0
20200922T225000	2020	09	22	22:50	51	68.5	0
20200922T225500	2020	09	22	22:55	50.9	68.5	0
20200922T230000	2020	09	22	23:00	51.2	68.8	0
20200922T230500	2020	09	22	23:05	51.2	68.9	0
20200922T231000	2020	09	22	23:10	51.1	70	0
20200922T231500	2020	09	22	23:15	51.1	71	0
20200922T232000	2020	09	22	23:20	51.1	72	0
20200922T232500	2020	09	22	23:25	51.4	73	0
20200922T233000	2020	09	22	23:30	51.8	73.4	0
20200922T233500	2020	09	22	23:35	51.8	74.1	0
20200922T234000	2020	09	22	23:40	51.9	74.4	0
20200922T234500	2020	09	22	23:45	52.1	75	0
20200922T235000	2020	09	22	23:50	52.3	75.3	0
20200922T235500	2020	09	22	23:55	52.3	75.4	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200311T000000	2020	03	11	00:00	30.7	80.6	0
20200311T000500	2020	03	11	00:05	30.6	81	0
20200311T001000	2020	03	11	00:10	30.5	82.2	0
20200311T001500	2020	03	11	00:15	30.3	82.4	0
20200311T002000	2020	03	11	00:20	30.3	83	0
20200311T002500	2020	03	11	00:25	30.3	83.9	0
20200311T003000	2020	03	11	00:30	30.1	83.6	0
20200311T003500	2020	03	11	00:35	30.1	83.9	0
20200311T004000	2020	03	11	00:40	29.9	83.3	0
20200311T004500	2020	03	11	00:45	29.8	83.1	0
20200311T005000	2020	03	11	00:50	29.7	83.2	0
20200311T005500	2020	03	11	00:55	29.6	83.4	0
20200311T010000	2020	03	11	01:00	29.5	83.6	0
20200311T010500	2020	03	11	01:05	29.3	83.1	0
20200311T011000	2020	03	11	01:10	29.1	82.9	0
20200311T011500	2020	03	11	01:15	29.2	84	0
20200311T012000	2020	03	11	01:20	29.1	84.3	0
20200311T012500	2020	03	11	01:25	28.9	82.6	0
20200311T013000	2020	03	11	01:30	28.8	80.3	0
20200311T013500	2020	03	11	01:35	28.6	80.3	0
20200311T014000	2020	03	11	01:40	28.3	78.8	0
20200311T014500	2020	03	11	01:45	28.4	79.5	0
20200311T015000	2020	03	11	01:50	28.2	80.2	0
20200311T015500	2020	03	11	01:55	28	79.6	0
20200311T020000	2020	03	11	02:00	28	79.3	0
20200311T020500	2020	03	11	02:05	27.9	79.9	0
20200311T021000	2020	03	11	02:10	27.7	79.4	0
20200311T021500	2020	03	11	02:15	27.6	78.8	0
20200311T022000	2020	03	11	02:20	27.5	78.6	0
20200311T022500	2020	03	11	02:25	27.5	80.2	0
20200311T023000	2020	03	11	02:30	27.4	81	0
20200311T023500	2020	03	11	02:35	27.2	80.4	0
20200311T024000	2020	03	11	02:40	27.2	80	0
20200311T024500	2020	03	11	02:45	27	78.9	0
20200311T025000	2020	03	11	02:50	27	78.7	0
20200311T025500	2020	03	11	02:55	26.9	78.2	0
20200311T030000	2020	03	11	03:00	26.8	77.9	0
20200311T030500	2020	03	11	03:05	26.9	79.7	0
20200311T031000	2020	03	11	03:10	26.6	79	0
20200311T031500	2020	03	11	03:15	26.3	78.2	0
20200311T032000	2020	03	11	03:20	26.5	79.4	0
20200311T032500	2020	03	11	03:25	26.3	79.1	0
20200311T033000	2020	03	11	03:30	26.2	79.7	0
20200311T033500	2020	03	11	03:35	26	79.5	0
20200311T034000	2020	03	11	03:40	25.5	77.5	0
20200311T034500	2020	03	11	03:45	25.5	78.1	0
20200311T035000	2020	03	11	03:50	25.3	77.6	0
20200311T035500	2020	03	11	03:55	25.3	77.7	0
20200311T040000	2020	03	11	04:00	25.2	77.8	0
20200311T040500	2020	03	11	04:05	25.2	77.7	0
20200311T041000	2020	03	11	04:10	25.1	77.3	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200311T041500	2020	03	11	04:15	24.9	76.4	0
20200311T042000	2020	03	11	04:20	24.8	76.1	0
20200311T042500	2020	03	11	04:25	24.7	76.6	0
20200311T043000	2020	03	11	04:30	24.3	78.5	0
20200311T043500	2020	03	11	04:35	24.1	81.2	0
20200311T044000	2020	03	11	04:40	23.8	82.4	0
20200311T044500	2020	03	11	04:45	23.9	84.2	0
20200311T045000	2020	03	11	04:50	23.5	86.2	0
20200311T045500	2020	03	11	04:55	23.3	87.2	0
20200311T050000	2020	03	11	05:00	23.3	85.8	0
20200311T050500	2020	03	11	05:05	23.5	83.5	0
20200311T051000	2020	03	11	05:10	23.8	82.3	0
20200311T051500	2020	03	11	05:15	23.8	77.8	0
20200311T052000	2020	03	11	05:20	23.5	73.8	0
20200311T052500	2020	03	11	05:25	23.3	72.8	0
20200311T053000	2020	03	11	05:30	23.3	73.6	0
20200311T053500	2020	03	11	05:35	23.3	73.9	0
20200311T054000	2020	03	11	05:40	23.3	75.5	0
20200311T054500	2020	03	11	05:45	23.1	77.2	0
20200311T055000	2020	03	11	05:50	23.2	77	0
20200311T055500	2020	03	11	05:55	23.1	75.6	0
20200311T060000	2020	03	11	06:00	22.9	73.3	0
20200311T060500	2020	03	11	06:05	22.7	71.9	0
20200311T061000	2020	03	11	06:10	22.5	71.5	0
20200311T061500	2020	03	11	06:15	22	71.2	0
20200311T062000	2020	03	11	06:20	21.7	72.8	0
20200311T062500	2020	03	11	06:25	21.5	73.4	0
20200311T063000	2020	03	11	06:30	21.5	73.4	0
20200311T063500	2020	03	11	06:35	21.3	73.4	0
20200311T064000	2020	03	11	06:40	21.3	74.3	0
20200311T064500	2020	03	11	06:45	21.3	74.4	0
20200311T065000	2020	03	11	06:50	21.3	74.4	0
20200311T065500	2020	03	11	06:55	21	73.9	0
20200311T070000	2020	03	11	07:00	21	74.1	0
20200311T070500	2020	03	11	07:05	20.8	74.9	0
20200311T071000	2020	03	11	07:10	20.9	74.9	0
20200311T071500	2020	03	11	07:15	21	75.3	0
20200311T072000	2020	03	11	07:20	20.8	75.6	0
20200311T072500	2020	03	11	07:25	20.8	76.3	0
20200311T073000	2020	03	11	07:30	20.8	76.7	0
20200311T073500	2020	03	11	07:35	20.9	76.2	0
20200311T074000	2020	03	11	07:40	21.1	76.9	0
20200311T074500	2020	03	11	07:45	21.2	77.6	0
20200311T075000	2020	03	11	07:50	21.2	77.4	0
20200311T075500	2020	03	11	07:55	21.3	77.9	0
20200311T080000	2020	03	11	08:00	21.3	77.2	0
20200311T080500	2020	03	11	08:05	21.2	73.5	0
20200311T081000	2020	03	11	08:10	21.3	72	0
20200311T081500	2020	03	11	08:15	21.6	73.6	0
20200311T082000	2020	03	11	08:20	21.3	72.6	0
20200311T082500	2020	03	11	08:25	21.3	72.2	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200311T083000	2020	03	11	08:30	21.4	73	0
20200311T083500	2020	03	11	08:35	21.5	72.6	0
20200311T084000	2020	03	11	08:40	21.8	70.3	0
20200311T084500	2020	03	11	08:45	21.4	68.7	0
20200311T085000	2020	03	11	08:50	21.6	69.5	0
20200311T085500	2020	03	11	08:55	21.8	69.8	0
20200311T090000	2020	03	11	09:00	21.9		0
20200311T090500	2020	03	11	09:05	21.8	70.3	0
20200311T091000	2020	03	11	09:10	21.7	70.2	0
20200311T091500	2020	03	11	09:15	21.8	70.3	0
20200311T092000	2020	03	11	09:20	22.1	69.9	0
20200311T092500	2020	03	11	09:25	22.2	70.3	0
20200311T093000	2020	03	11	09:30	21.9	70.7	0
20200311T093500	2020	03	11	09:35	21.7	69.7	0
20200311T094000	2020	03	11	09:40	22.1	69.7	0
20200311T094500	2020	03	11	09:45	22.1	67.3	0
20200311T095000	2020	03	11	09:50	22.4	67.5	0
20200311T095500	2020	03	11	09:55	22.3	66.6	0
20200311T100000	2020	03	11	10:00	22.5	67.1	0
20200311T100500	2020	03	11	10:05	22.5	66.6	0
20200311T101000	2020	03	11	10:10	22.7	65.6	0
20200311T101500	2020	03	11	10:15	22.9	65.6	0
20200311T102000	2020	03	11	10:20	22.7	64.1	0
20200311T102500	2020	03	11	10:25	22.8	64.7	0
20200311T103000	2020	03	11	10:30	22.8	64.5	0
20200311T103500	2020	03	11	10:35	22.8	63.8	0
20200311T104000	2020	03	11	10:40	22.6	63.4	0
20200311T104500	2020	03	11	10:45	22.8	63.8	0
20200311T105000	2020	03	11	10:50	23.1	64.4	0
20200311T105500	2020	03	11	10:55	23	63.3	0
20200311T110000	2020	03	11	11:00	23.5	64.9	0
20200311T110500	2020	03	11	11:05	23.8	64.2	0
20200311T111000	2020	03	11	11:10	23.9	64.2	0
20200311T111500	2020	03	11	11:15	24	65	0
20200311T112000	2020	03	11	11:20	24.1	64.5	0
20200311T112500	2020	03	11	11:25	24.3	64.1	0
20200311T113000	2020	03	11	11:30	24.2	62.5	0
20200311T113500	2020	03	11	11:35	24.5	63.6	0
20200311T114000	2020	03	11	11:40	24.8	63.1	0
20200311T114500	2020	03	11	11:45	24.3	62.3	0
20200311T115000	2020	03	11	11:50	24.4	60.8	0
20200311T115500	2020	03	11	11:55	24.8	61.4	0
20200311T120000	2020	03	11	12:00	24.7	60.3	0
20200311T120500	2020	03	11	12:05	24.8	61	0
20200311T121000	2020	03	11	12:10	24.8	61.6	0
20200311T121500	2020	03	11	12:15	24.8	61.1	0
20200311T122000	2020	03	11	12:20	25	61.9	0
20200311T122500	2020	03	11	12:25	24.8	59.9	0
20200311T123000	2020	03	11	12:30	25.3	60.6	0
20200311T123500	2020	03	11	12:35	25	60.2	0
20200311T124000	2020	03	11	12:40	25.3	60.9	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200311T124500	2020	03	11	12:45	25.2	61.1	0
20200311T125000	2020	03	11	12:50	25.4	60.3	0
20200311T125500	2020	03	11	12:55	25.3	59.8	0
20200311T130000	2020	03	11	13:00	25.4	61.7	0
20200311T130500	2020	03	11	13:05	25.4	60.4	0
20200311T131000	2020	03	11	13:10	25.7	62.3	0
20200311T131500	2020	03	11	13:15	25.4	60	0
20200311T132000	2020	03	11	13:20	25.4	60.2	0
20200311T132500	2020	03	11	13:25	25.5	59.8	0
20200311T133000	2020	03	11	13:30	26.1	62.1	0
20200311T133500	2020	03	11	13:35	25.7	59.9	0
20200311T134000	2020	03	11	13:40	25.9	59.8	0
20200311T134500	2020	03	11	13:45	26	59.1	0
20200311T135000	2020	03	11	13:50	26.2	59.1	0
20200311T135500	2020	03	11	13:55	25.9	58.7	0
20200311T140000	2020	03	11	14:00	25.6	57.7	0
20200311T140500	2020	03	11	14:05	26.4	58.6	0
20200311T141000	2020	03	11	14:10	26.2	58.6	0
20200311T141500	2020	03	11	14:15	26.6	59	0
20200311T142000	2020	03	11	14:20	26.5	58.1	0
20200311T142500	2020	03	11	14:25	26.5	57.3	0
20200311T143000	2020	03	11	14:30	26.6	57.7	0
20200311T143500	2020	03	11	14:35	26.7	57.6	0
20200311T144000	2020	03	11	14:40	26.6	56.5	0
20200311T144500	2020	03	11	14:45	27.1	57.9	0
20200311T145000	2020	03	11	14:50	26.6	55	0
20200311T145500	2020	03	11	14:55	26.9	55	0
20200311T150000	2020	03	11	15:00	26.9	55.5	0
20200311T150500	2020	03	11	15:05	26.7	53.7	0
20200311T151000	2020	03	11	15:10	26.8	53.5	0
20200311T151500	2020	03	11	15:15	26.9	54.9	0
20200311T152000	2020	03	11	15:20	27.1	53.5	0
20200311T152500	2020	03	11	15:25	27.3	54.1	0
20200311T153000	2020	03	11	15:30	27	54.9	0
20200311T153500	2020	03	11	15:35	27.4	55.5	0
20200311T154000	2020	03	11	15:40	27.3	54.7	0
20200311T154500	2020	03	11	15:45	27.2	54.5	0
20200311T155000	2020	03	11	15:50	27.5	56	0
20200311T155500	2020	03	11	15:55	27.5	56.8	0
20200311T160000	2020	03	11	16:00	27.4	57.1	0
20200311T160500	2020	03	11	16:05	27.4	57	0
20200311T161000	2020	03	11	16:10	27.4	55.6	0
20200311T161500	2020	03	11	16:15	27.5	56.9	0
20200311T162000	2020	03	11	16:20	27.2	55	0
20200311T162500	2020	03	11	16:25	27.2	55	0
20200311T163000	2020	03	11	16:30	27.2	55.3	0
20200311T163500	2020	03	11	16:35	27.3	55.6	0
20200311T164000	2020	03	11	16:40	27.4	57.1	0
20200311T164500	2020	03	11	16:45	26.9	59	0
20200311T165000	2020	03	11	16:50	26.6	62.8	0
20200311T165500	2020	03	11	16:55	26.1	67.8	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200311T170000	2020	03	11	17:00	26.2	69.2	0
20200311T170500	2020	03	11	17:05	26.5	69.2	0
20200311T171000	2020	03	11	17:10	26.6	66.2	0
20200311T171500	2020	03	11	17:15	26.9	63.8	0
20200311T172000	2020	03	11	17:20	26.9	63.8	0
20200311T172500	2020	03	11	17:25	26.8	65.2	0
20200311T173000	2020	03	11	17:30	26.9	65.4	0
20200311T173500	2020	03	11	17:35	27.2	65.8	0
20200311T174000	2020	03	11	17:40	27.1	65.2	0
20200311T174500	2020	03	11	17:45	27.1	65.9	0
20200311T175000	2020	03	11	17:50	27.2	66.1	0
20200311T175500	2020	03	11	17:55	26.9	65.4	0
20200311T180000	2020	03	11	18:00	27	65.6	0
20200311T180500	2020	03	11	18:05	27.1	66.2	0
20200311T181000	2020	03	11	18:10	27.1	65.7	0
20200311T181500	2020	03	11	18:15	27.2	66.3	0
20200311T182000	2020	03	11	18:20	27.1	67.8	0
20200311T182500	2020	03	11	18:25	27	68.2	0
20200311T183000	2020	03	11	18:30	27	68	0
20200311T183500	2020	03	11	18:35	27	67.9	0
20200311T184000	2020	03	11	18:40	27	68.8	0
20200311T184500	2020	03	11	18:45	27.1	69.4	0
20200311T185000	2020	03	11	18:50	27	68.5	0
20200311T185500	2020	03	11	18:55	27.1	68.3	0
20200311T190000	2020	03	11	19:00	27	68.8	0
20200311T190500	2020	03	11	19:05	27	69.4	0
20200311T191000	2020	03	11	19:10	26.8	69.1	0
20200311T191500	2020	03	11	19:15	26.8	69.7	0
20200311T192000	2020	03	11	19:20	26.7	69.2	0
20200311T192500	2020	03	11	19:25	26.5	70.2	0
20200311T193000	2020	03	11	19:30	26.5	70	0
20200311T193500	2020	03	11	19:35	26.2	70.5	0
20200311T194000	2020	03	11	19:40	26.1	71.5	0
20200311T194500	2020	03	11	19:45	26	72.9	0
20200311T195000	2020	03	11	19:50	25.8	74.6	0
20200311T195500	2020	03	11	19:55	25.9	75.7	0
20200311T200000	2020	03	11	20:00	25.9	75.5	0
20200311T200500	2020	03	11	20:05	26.2	72.9	0
20200311T201000	2020	03	11	20:10	26.3	73.4	0
20200311T201500	2020	03	11	20:15	26.3	74	0
20200311T202000	2020	03	11	20:20	26.3	73.8	0
20200311T202500	2020	03	11	20:25	26.2	72.8	0
20200311T203000	2020	03	11	20:30	26.2	74.3	0
20200311T203500	2020	03	11	20:35	26	74	0
20200311T204000	2020	03	11	20:40	25.8	74.3	0
20200311T204500	2020	03	11	20:45	25.7	73.7	0
20200311T205000	2020	03	11	20:50	25.5	74.7	0
20200311T205500	2020	03	11	20:55	25.6	75.3	0
20200311T210000	2020	03	11	21:00	25.9	74.8	0
20200311T210500	2020	03	11	21:05	26.1	75.3	0
20200311T211000	2020	03	11	21:10	26.1	75.6	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200311T211500	2020	03	11	21:15	26	74.8	0
20200311T212000	2020	03	11	21:20	26	73.5	0
20200311T212500	2020	03	11	21:25	26.1	74.2	0
20200311T213000	2020	03	11	21:30	26	73.7	0
20200311T213500	2020	03	11	21:35	26	73.6	0
20200311T214000	2020	03	11	21:40	26	73.9	0
20200311T214500	2020	03	11	21:45	26	74.5	0
20200311T215000	2020	03	11	21:50	26	75.1	0
20200311T215500	2020	03	11	21:55	26.1	75.8	0
20200311T220000	2020	03	11	22:00	26	76.4	0
20200311T220500	2020	03	11	22:05	26.1	76.4	0
20200311T221000	2020	03	11	22:10	26.1	76.6	0
20200311T221500	2020	03	11	22:15	26.1	76.4	0
20200311T222000	2020	03	11	22:20	26.2	76.6	0
20200311T222500	2020	03	11	22:25	26.2	77.3	0
20200311T223000	2020	03	11	22:30	26.2	77.3	0
20200311T223500	2020	03	11	22:35	26.3	78.1	0
20200311T224000	2020	03	11	22:40	26.3	79.3	0
20200311T224500	2020	03	11	22:45	26.3	79	0
20200311T225000	2020	03	11	22:50	26.3	78.8	0
20200311T225500	2020	03	11	22:55	26.4	79.8	0
20200311T230000	2020	03	11	23:00	26.4	80.2	0
20200311T230500	2020	03	11	23:05	26.4	80.6	0
20200311T231000	2020	03	11	23:10	26.3	81.4	0
20200311T231500	2020	03	11	23:15	26.3	81.2	0
20200311T232000	2020	03	11	23:20	26.4	81.1	0
20200311T232500	2020	03	11	23:25	26.4	81.1	0
20200311T233000	2020	03	11	23:30	26.4	81.4	0
20200311T233500	2020	03	11	23:35	26.5	81.4	0
20200311T234000	2020	03	11	23:40	26.5	81.2	0
20200311T234500	2020	03	11	23:45	26.6	82.2	0
20200311T235000	2020	03	11	23:50	26.6	82.6	0
20200311T235500	2020	03	11	23:55	26.5	82.6	0
20200312T000000	2020	03	12	00:00	26.5	82.1	0
20200312T000500	2020	03	12	00:05	26.5	82.1	0
20200312T001000	2020	03	12	00:10	26.6	82.2	0
20200312T001500	2020	03	12	00:15	26.6	82.7	0
20200312T002000	2020	03	12	00:20	26.4	82.3	0
20200312T002500	2020	03	12	00:25	26.3	82.1	0
20200312T003000	2020	03	12	00:30	26.3	81.9	0
20200312T003500	2020	03	12	00:35	26.2	82	0
20200312T004000	2020	03	12	00:40	26.2	81.9	0
20200312T004500	2020	03	12	00:45	26.1	81.7	0
20200312T005000	2020	03	12	00:50	26	81.3	0
20200312T005500	2020	03	12	00:55	26	80.8	0
20200312T010000	2020	03	12	01:00	26	80.8	0
20200312T010500	2020	03	12	01:05	25.9	80.6	0
20200312T011000	2020	03	12	01:10	25.9	80.1	0
20200312T011500	2020	03	12	01:15	25.9	80	0
20200312T012000	2020	03	12	01:20	25.8	79.9	0
20200312T012500	2020	03	12	01:25	25.8	79.1	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200312T013000	2020	03	12	01:30	25.7	79	0
20200312T013500	2020	03	12	01:35	25.7	78.7	0
20200312T014000	2020	03	12	01:40	25.6	77.7	0
20200312T014500	2020	03	12	01:45	25.7	78.3	0
20200312T015000	2020	03	12	01:50	25.7	78.4	0
20200312T015500	2020	03	12	01:55	25.7	79.1	0
20200312T020000	2020	03	12	02:00	25.7	78.7	0
20200312T020500	2020	03	12	02:05	25.7	78.6	0
20200312T021000	2020	03	12	02:10	25.8	78.5	0
20200312T021500	2020	03	12	02:15	25.8	79	0
20200312T022000	2020	03	12	02:20	25.8	79	0
20200312T022500	2020	03	12	02:25	25.9	79.3	0
20200312T023000	2020	03	12	02:30	26	79.8	0
20200312T023500	2020	03	12	02:35	26	80.3	0
20200312T024000	2020	03	12	02:40	26	81	0
20200312T024500	2020	03	12	02:45	26.1	81.4	0
20200312T025000	2020	03	12	02:50	26.1	82.1	0
20200312T025500	2020	03	12	02:55	26.1	82.2	0
20200312T030000	2020	03	12	03:00	26.2	82.6	0
20200312T030500	2020	03	12	03:05	26.2	83	0
20200312T031000	2020	03	12	03:10	26.1	83.1	0
20200312T031500	2020	03	12	03:15	26.2	83.2	0
20200312T032000	2020	03	12	03:20	26.2	83.8	0
20200312T032500	2020	03	12	03:25	26.2	83.7	0
20200312T033000	2020	03	12	03:30	26.2	83.8	0
20200312T033500	2020	03	12	03:35	26.2	83.8	0
20200312T034000	2020	03	12	03:40	26.2	83.9	0
20200312T034500	2020	03	12	03:45	26.2	84.1	0
20200312T035000	2020	03	12	03:50	26.2	84	0
20200312T035500	2020	03	12	03:55	26.1	83.5	0
20200312T040000	2020	03	12	04:00	26	83.4	0
20200312T040500	2020	03	12	04:05	26.2	82.9	0
20200312T041000	2020	03	12	04:10	26.2	82.8	0
20200312T041500	2020	03	12	04:15	26.2	83.1	0
20200312T042000	2020	03	12	04:20	26.2	83	0
20200312T042500	2020	03	12	04:25	26.3	82.7	0
20200312T043000	2020	03	12	04:30	26.2	82.4	0
20200312T043500	2020	03	12	04:35	26.2	82.6	0
20200312T044000	2020	03	12	04:40	26.3	82.8	0
20200312T044500	2020	03	12	04:45	26.3	83	0
20200312T045000	2020	03	12	04:50	26.3	82.6	0
20200312T045500	2020	03	12	04:55	26.3	82.1	0
20200312T050000	2020	03	12	05:00	26.4	81.7	0
20200312T050500	2020	03	12	05:05	26.4	81.4	0
20200312T051000	2020	03	12	05:10	26.5	81.2	0
20200312T051500	2020	03	12	05:15	26.6	81.9	0
20200312T052000	2020	03	12	05:20	26.6	81.6	0
20200312T052500	2020	03	12	05:25	26.6	81.6	0
20200312T053000	2020	03	12	05:30	26.6	81.4	0
20200312T053500	2020	03	12	05:35	26.6	81	0
20200312T054000	2020	03	12	05:40	26.5	80.6	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200312T054500	2020	03	12	05:45	26.5	79.9	0
20200312T055000	2020	03	12	05:50	26.5	80	0
20200312T055500	2020	03	12	05:55	26.6	80.1	0
20200312T060000	2020	03	12	06:00	26.7	80.6	0
20200312T060500	2020	03	12	06:05	26.7	80.9	0
20200312T061000	2020	03	12	06:10	26.7	81	0
20200312T061500	2020	03	12	06:15	26.7	81.1	0
20200312T062000	2020	03	12	06:20	26.9	81.2	0
20200312T062500	2020	03	12	06:25	27	81	0
20200312T063000	2020	03	12	06:30	27.1	81.3	0
20200312T063500	2020	03	12	06:35	27.1	80.9	0
20200312T064000	2020	03	12	06:40	27.2	80.6	0
20200312T064500	2020	03	12	06:45	27.3	80.4	0
20200312T065000	2020	03	12	06:50	27.5	80	0
20200312T065500	2020	03	12	06:55	27.5	80.1	0
20200312T070000	2020	03	12	07:00	27.6	80.1	0
20200312T070500	2020	03	12	07:05	27.7	80.4	0
20200312T071000	2020	03	12	07:10	27.7	80.4	0
20200312T071500	2020	03	12	07:15	27.8	80.2	0
20200312T072000	2020	03	12	07:20	27.9	79.4	0
20200312T072500	2020	03	12	07:25	27.8	78.6	0
20200312T073000	2020	03	12	07:30	27.8	77.6	0
20200312T073500	2020	03	12	07:35	27.8	76	0
20200312T074000	2020	03	12	07:40	27.9	76.1	0
20200312T074500	2020	03	12	07:45	27.9	76.4	0
20200312T075000	2020	03	12	07:50	27.9	75.6	0
20200312T075500	2020	03	12	07:55	27.9	74.8	0
20200312T080000	2020	03	12	08:00	28.1	74.8	0
20200312T080500	2020	03	12	08:05	28	73.2	0
20200312T081000	2020	03	12	08:10	28.2	73.8	0
20200312T081500	2020	03	12	08:15	28.3	73.5	0
20200312T082000	2020	03	12	08:20	28.3	73.2	0
20200312T082500	2020	03	12	08:25	28.4	73.2	0
20200312T083000	2020	03	12	08:30	28.5	72.7	0
20200312T083500	2020	03	12	08:35	28.6	73.2	0
20200312T084000	2020	03	12	08:40	28.7	72.2	0
20200312T084500	2020	03	12	08:45	28.8	71.9	0
20200312T085000	2020	03	12	08:50	28.9	71	0
20200312T085500	2020	03	12	08:55	29	71	0
20200312T090000	2020	03	12	09:00	28.9	69.9	0
20200312T090500	2020	03	12	09:05	28.9	69.3	0
20200312T091000	2020	03	12	09:10	29	68.7	0
20200312T091500	2020	03	12	09:15	29.3	68.4	0
20200312T092000	2020	03	12	09:20	29.2	66.7	0
20200312T092500	2020	03	12	09:25	29.4	66.5	0
20200312T093000	2020	03	12	09:30	29.6	66.4	0
20200312T093500	2020	03	12	09:35	29.5	65.5	0
20200312T094000	2020	03	12	09:40	29.6	65.6	0
20200312T094500	2020	03	12	09:45	29.7	65.3	0
20200312T095000	2020	03	12	09:50	29.9	65.2	0
20200312T095500	2020	03	12	09:55	29.9	64.1	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200312T100000	2020	03	12	10:00	29.8	63.1	0
20200312T100500	2020	03	12	10:05	29.8	63.4	0
20200312T101000	2020	03	12	10:10	30.4	63.8	0
20200312T101500	2020	03	12	10:15	30.1	61.5	0
20200312T102000	2020	03	12	10:20	30.5	61.3	0
20200312T102500	2020	03	12	10:25	30.9	61.2	0
20200312T103000	2020	03	12	10:30	31.3	60.6	0
20200312T103500	2020	03	12	10:35	31.7	60.1	0
20200312T104000	2020	03	12	10:40	32.8	62	0
20200312T104500	2020	03	12	10:45	33.1	60.6	0
20200312T105000	2020	03	12	10:50	33	60.7	0
20200312T105500	2020	03	12	10:55	33.2	60.8	0
20200312T110000	2020	03	12	11:00	33.4	60.8	0
20200312T110500	2020	03	12	11:05	34.2	61.2	0
20200312T111000	2020	03	12	11:10	34.1	58.8	0
20200312T111500	2020	03	12	11:15	34.3	58.7	0
20200312T112000	2020	03	12	11:20	34.4	58.5	0
20200312T112500	2020	03	12	11:25	34.4	57.7	0
20200312T113000	2020	03	12	11:30	34.7	59	0
20200312T113500	2020	03	12	11:35	34.5	58.7	0
20200312T114000	2020	03	12	11:40	34.4	57.9	0
20200312T114500	2020	03	12	11:45	35.2	59.3	0
20200312T115000	2020	03	12	11:50	35	59	0
20200312T115500	2020	03	12	11:55	35.1	59.3	0
20200312T120000	2020	03	12	12:00	35	58.7	0
20200312T120500	2020	03	12	12:05	35.6	58.2	0
20200312T121000	2020	03	12	12:10	36	59.2	0
20200312T121500	2020	03	12	12:15	36.4	58.2	0
20200312T122000	2020	03	12	12:20	37	58.6	0
20200312T122500	2020	03	12	12:25	37.4	57.3	0
20200312T123000	2020	03	12	12:30	37.6	57.4	0
20200312T123500	2020	03	12	12:35	37.2	56.4	0
20200312T124000	2020	03	12	12:40	38.1	57.2	0
20200312T124500	2020	03	12	12:45	38.8	57.2	0
20200312T125000	2020	03	12	12:50	38.9	55.8	0
20200312T125500	2020	03	12	12:55	39.1	55.7	0
20200312T130000	2020	03	12	13:00	39.2	55.5	0
20200312T130500	2020	03	12	13:05	39.7	55.6	0
20200312T131000	2020	03	12	13:10	40	55.2	0
20200312T131500	2020	03	12	13:15	40.1	55.5	0
20200312T132000	2020	03	12	13:20	40	54.2	0
20200312T132500	2020	03	12	13:25	40.1	54.2	0
20200312T133000	2020	03	12	13:30	40.1	53.7	0
20200312T133500	2020	03	12	13:35	40.2	54.7	0
20200312T134000	2020	03	12	13:40	40.5	54.9	0
20200312T134500	2020	03	12	13:45	40.1	54.9	0
20200312T135000	2020	03	12	13:50	39.9	55.1	0
20200312T135500	2020	03	12	13:55	39.8	55.5	0
20200312T140000	2020	03	12	14:00	40	57	0
20200312T140500	2020	03	12	14:05	39.4	58	0
20200312T141000	2020	03	12	14:10	39	57.9	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200312T141500	2020	03	12	14:15	39.3	58.5	0
20200312T142000	2020	03	12	14:20	39	59.2	0
20200312T142500	2020	03	12	14:25	40.1	59.7	0
20200312T143000	2020	03	12	14:30	39.6	58.3	0
20200312T143500	2020	03	12	14:35	39.2	59.2	0
20200312T144000	2020	03	12	14:40	39.3	60.6	0
20200312T144500	2020	03	12	14:45	39.5	60.2	0
20200312T145000	2020	03	12	14:50	39	59.3	0
20200312T145500	2020	03	12	14:55	39.2	60.1	0
20200312T150000	2020	03	12	15:00	39.1	59.8	0
20200312T150500	2020	03	12	15:05	38.8	60.4	0
20200312T151000	2020	03	12	15:10	39.2	61.9	0
20200312T151500	2020	03	12	15:15	38.5	61.5	0
20200312T152000	2020	03	12	15:20	38.2	61.6	0
20200312T152500	2020	03	12	15:25	38.2	62.5	0
20200312T153000	2020	03	12	15:30	37.8	61.8	0
20200312T153500	2020	03	12	15:35	37.8	62	0
20200312T154000	2020	03	12	15:40	37.7	62.5	0
20200312T154500	2020	03	12	15:45	37.7	63	0
20200312T155000	2020	03	12	15:50	37.7	63.5	0
20200312T155500	2020	03	12	15:55	37.5	63.6	0
20200312T160000	2020	03	12	16:00	37.5	64.3	0
20200312T160500	2020	03	12	16:05	37.5	63.3	0
20200312T161000	2020	03	12	16:10	37.6	63.7	0
20200312T161500	2020	03	12	16:15	37.5	63.8	0
20200312T162000	2020	03	12	16:20	38.1	64.3	0
20200312T162500	2020	03	12	16:25	38.4	63.4	0
20200312T163000	2020	03	12	16:30	38.5	63.7	0
20200312T163500	2020	03	12	16:35	39	63.5	0
20200312T164000	2020	03	12	16:40	38.8	62.3	0
20200312T164500	2020	03	12	16:45	39	62.2	0
20200312T165000	2020	03	12	16:50	39.7	62.4	0
20200312T165500	2020	03	12	16:55	40.1	61.7	0
20200312T170000	2020	03	12	17:00	39.9	60.7	0
20200312T170500	2020	03	12	17:05	39.8	60.5	0
20200312T171000	2020	03	12	17:10	39.9	60.6	0
20200312T171500	2020	03	12	17:15	40	61.3	0
20200312T172000	2020	03	12	17:20	39.5	62.5	0
20200312T172500	2020	03	12	17:25	39.2	63.4	0
20200312T173000	2020	03	12	17:30	38.7	63.8	0
20200312T173500	2020	03	12	17:35	38.5	64.4	0
20200312T174000	2020	03	12	17:40	38.4	65.1	0
20200312T174500	2020	03	12	17:45	38.4	65.2	0
20200312T175000	2020	03	12	17:50	38.5	65	0
20200312T175500	2020	03	12	17:55	38.5	65.3	0
20200312T180000	2020	03	12	18:00	38.4	65.4	0
20200312T180500	2020	03	12	18:05	38.3	64.9	0
20200312T181000	2020	03	12	18:10	38.5	65.9	0
20200312T181500	2020	03	12	18:15	38.3	66.2	0
20200312T182000	2020	03	12	18:20	38.1	65.5	0
20200312T182500	2020	03	12	18:25	38	66.5	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200312T183000	2020	03	12	18:30	37.6	66.8	0
20200312T183500	2020	03	12	18:35	37.4	66.1	0
20200312T184000	2020	03	12	18:40	37.3	66	0
20200312T184500	2020	03	12	18:45	37.1	67.2	0
20200312T185000	2020	03	12	18:50	37	67.5	0
20200312T185500	2020	03	12	18:55	36.7	68.7	0
20200312T190000	2020	03	12	19:00	36.7	68.6	0
20200312T190500	2020	03	12	19:05	36.5	69	0
20200312T191000	2020	03	12	19:10	36.3	68.9	0
20200312T191500	2020	03	12	19:15	36	71	0
20200312T192000	2020	03	12	19:20	35.8	72.4	0
20200312T192500	2020	03	12	19:25	35.6	73.2	0
20200312T193000	2020	03	12	19:30	35.2	74	0
20200312T193500	2020	03	12	19:35	34.8	74.9	0
20200312T194000	2020	03	12	19:40	34.4	75.9	0
20200312T194500	2020	03	12	19:45	34.2	76.4	0
20200312T195000	2020	03	12	19:50	34	76.8	0
20200312T195500	2020	03	12	19:55	34	77.2	0
20200312T200000	2020	03	12	20:00	34.3	77.3	0
20200312T200500	2020	03	12	20:05	34.1	77.8	0
20200312T201000	2020	03	12	20:10	33.8	79.1	0
20200312T201500	2020	03	12	20:15	33.5	79.9	0
20200312T202000	2020	03	12	20:20	33.3	80.1	0
20200312T202500	2020	03	12	20:25	33	80.4	0
20200312T203000	2020	03	12	20:30	32.9	80.9	0
20200312T203500	2020	03	12	20:35	33	80.8	0
20200312T204000	2020	03	12	20:40	33.4	80.8	0
20200312T204500	2020	03	12	20:45	33.5	80.5	0
20200312T205000	2020	03	12	20:50	33.6	80.9	0
20200312T205500	2020	03	12	20:55	33.9	80.4	0
20200312T210000	2020	03	12	21:00	34.1	79.9	0
20200312T210500	2020	03	12	21:05	33.9	80.2	0
20200312T211000	2020	03	12	21:10	33.8	81.3	0
20200312T211500	2020	03	12	21:15	33.7	81.1	0
20200312T212000	2020	03	12	21:20	33.8	81.3	0
20200312T212500	2020	03	12	21:25	33.9	80.6	0
20200312T213000	2020	03	12	21:30	34.1	79.7	0
20200312T213500	2020	03	12	21:35	34.1	79.2	0
20200312T214000	2020	03	12	21:40	34.1	78.7	0
20200312T214500	2020	03	12	21:45	34.1	78.9	0
20200312T215000	2020	03	12	21:50	33.9	79.6	0
20200312T215500	2020	03	12	21:55	33.8	79.6	0
20200312T220000	2020	03	12	22:00	33.8	79.5	0
20200312T220500	2020	03	12	22:05	33.8	79.2	0
20200312T221000	2020	03	12	22:10	33.9	79.7	0
20200312T221500	2020	03	12	22:15	33.8	80.2	0
20200312T222000	2020	03	12	22:20	33.9	80.1	0
20200312T222500	2020	03	12	22:25	33.8	79.4	0
20200312T223000	2020	03	12	22:30	33.7	79.1	0
20200312T223500	2020	03	12	22:35	33.6	79.8	0
20200312T224000	2020	03	12	22:40	33.6	80.4	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200312T224500	2020	03	12	22:45	33.4	80.8	0
20200312T225000	2020	03	12	22:50	33.4	81.4	0
20200312T225500	2020	03	12	22:55	34.6	80.9	0
20200312T230000	2020	03	12	23:00	40.1	66.4	0
20200312T230500	2020	03	12	23:05	40.9	61.1	0
20200312T231000	2020	03	12	23:10	40.8	61	0
20200312T231500	2020	03	12	23:15	40.7	61.4	0
20200312T232000	2020	03	12	23:20	40.5	62.1	0
20200312T232500	2020	03	12	23:25	40.7	61.2	0
20200312T233000	2020	03	12	23:30	40.6	61.7	0
20200312T233500	2020	03	12	23:35	40.7	61.7	0
20200312T234000	2020	03	12	23:40	40.6	62.1	0
20200312T234500	2020	03	12	23:45	40.7	61.8	0
20200312T235000	2020	03	12	23:50	40.7	61.6	0
20200312T235500	2020	03	12	23:55	40.5	62.6	0
20200313T000000	2020	03	13	00:00	40.5	63.2	0
20200313T000500	2020	03	13	00:05	40.6	62.9	0
20200313T001000	2020	03	13	00:10	40.5	63.3	0
20200313T001500	2020	03	13	00:15	40.6	62.6	0
20200313T002000	2020	03	13	00:20	40.5	63.1	0
20200313T002500	2020	03	13	00:25	40.5	63.6	0
20200313T003000	2020	03	13	00:30	40.2	65.2	0
20200313T003500	2020	03	13	00:35	40.3	65.6	0
20200313T004000	2020	03	13	00:40	40.4	65.3	0
20200313T004500	2020	03	13	00:45	40.5	65	0
20200313T005000	2020	03	13	00:50	40.6	65.4	0
20200313T005500	2020	03	13	00:55	40.6	66.1	0
20200313T010000	2020	03	13	01:00	40.7	66.2	0
20200313T010500	2020	03	13	01:05	40.5	67.2	0
20200313T011000	2020	03	13	01:10	40.5	67.6	0
20200313T011500	2020	03	13	01:15	40.7	66.8	0
20200313T012000	2020	03	13	01:20	40.4	68.3	0
20200313T012500	2020	03	13	01:25	40.3	69.5	0
20200313T013000	2020	03	13	01:30	40.8	70.1	0
20200313T013500	2020	03	13	01:35	41.4	68.9	0
20200313T014000	2020	03	13	01:40	40.6	69.3	0
20200313T014500	2020	03	13	01:45	40.4	70.8	0
20200313T015000	2020	03	13	01:50	40.9	71.5	0
20200313T015500	2020	03	13	01:55	41.7	71.5	0
20200313T020000	2020	03	13	02:00	42.3	71.9	0
20200313T020500	2020	03	13	02:05	43	71.6	0
20200313T021000	2020	03	13	02:10	43.3	71	0
20200313T021500	2020	03	13	02:15	43.6	71.1	0
20200313T022000	2020	03	13	02:20	43.9	70.9	0
20200313T022500	2020	03	13	02:25	44.3	70.3	0
20200313T023000	2020	03	13	02:30	44.2	71	0
20200313T023500	2020	03	13	02:35	44.3	70.6	0
20200313T024000	2020	03	13	02:40	44.4	70.1	0
20200313T024500	2020	03	13	02:45	44.4	69.8	0
20200313T025000	2020	03	13	02:50	44.7	70.1	0
20200313T025500	2020	03	13	02:55	44.9	69.5	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200313T030000	2020	03	13	03:00	45	69.4	0
20200313T030500	2020	03	13	03:05	45.4	69.3	0
20200313T031000	2020	03	13	03:10	45.4	70	0
20200313T031500	2020	03	13	03:15	45.4	69.7	0
20200313T032000	2020	03	13	03:20	45.4	70.5	0
20200313T032500	2020	03	13	03:25	45.6	70.6	0
20200313T033000	2020	03	13	03:30	45.4	70.7	0
20200313T033500	2020	03	13	03:35	45.4	71.2	0
20200313T034000	2020	03	13	03:40	45.4	71.1	0.006
20200313T034500	2020	03	13	03:45	45.5	71.2	0
20200313T035000	2020	03	13	03:50	45.5	71.1	0
20200313T035500	2020	03	13	03:55	45.6	71.2	0
20200313T040000	2020	03	13	04:00	45.7	71.1	0
20200313T040500	2020	03	13	04:05	45.9	71.1	0
20200313T041000	2020	03	13	04:10	46	70.8	0
20200313T041500	2020	03	13	04:15	46.1	70.8	0
20200313T042000	2020	03	13	04:20	45.9	71.2	0
20200313T042500	2020	03	13	04:25	46.1	71.1	0
20200313T043000	2020	03	13	04:30	46	71.5	0
20200313T043500	2020	03	13	04:35	46	72	0
20200313T044000	2020	03	13	04:40	46.1	71.8	0
20200313T044500	2020	03	13	04:45	46.1	71.9	0
20200313T045000	2020	03	13	04:50	46.2	72	0
20200313T045500	2020	03	13	04:55	46.1	72	0
20200313T050000	2020	03	13	05:00	46	72.2	0
20200313T050500	2020	03	13	05:05	46	72.1	0
20200313T051000	2020	03	13	05:10	46	72.4	0
20200313T051500	2020	03	13	05:15	46	72.6	0
20200313T052000	2020	03	13	05:20	46	72.7	0
20200313T052500	2020	03	13	05:25	46.1	72.5	0
20200313T053000	2020	03	13	05:30	46.1	72.4	0
20200313T053500	2020	03	13	05:35	46	72.9	0
20200313T054000	2020	03	13	05:40	46	73.3	0
20200313T054500	2020	03	13	05:45	45.8	74.2	0
20200313T055000	2020	03	13	05:50	45.6	74.8	0
20200313T055500	2020	03	13	05:55	45.6	75.1	0
20200313T060000	2020	03	13	06:00	45.5	75.5	0
20200313T060500	2020	03	13	06:05	45.5	74.8	0
20200313T061000	2020	03	13	06:10	45.5	74.5	0
20200313T061500	2020	03	13	06:15	45.5	74.3	0
20200313T062000	2020	03	13	06:20	45.6	74.3	0
20200313T062500	2020	03	13	06:25	45.6	74.5	0
20200313T063000	2020	03	13	06:30	45.7	74.3	0
20200313T063500	2020	03	13	06:35	45.7	74.4	0
20200313T064000	2020	03	13	06:40	45.7	74.6	0
20200313T064500	2020	03	13	06:45	45.7	74.9	0
20200313T065000	2020	03	13	06:50	45.8	74.7	0
20200313T065500	2020	03	13	06:55	45.6	75.3	0.005
20200313T070000	2020	03	13	07:00	45.1	77.5	0
20200313T070500	2020	03	13	07:05	44.8	79.8	0
20200313T071000	2020	03	13	07:10	44.7	81	0.006

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200313T071500	2020	03	13	07:15	44.8	81.8	0
20200313T072000	2020	03	13	07:20	44.9	82	0
20200313T072500	2020	03	13	07:25	45.2	81.9	0
20200313T073000	2020	03	13	07:30	45.5	81.3	0
20200313T073500	2020	03	13	07:35	45.5	81.1	0
20200313T074000	2020	03	13	07:40	45.6	80.9	0
20200313T074500	2020	03	13	07:45	45.7	81.2	0.01
20200313T075000	2020	03	13	07:50	45.4	82.1	0.009
20200313T075500	2020	03	13	07:55	45.3	82.6	0
20200313T080000	2020	03	13	08:00	45.3	82.5	0
20200313T080500	2020	03	13	08:05	45.3	82.5	0.008
20200313T081000	2020	03	13	08:10	45.2	82.6	0.011
20200313T081500	2020	03	13	08:15	45.1	83	0.011
20200313T082000	2020	03	13	08:20	45	84.1	0
20200313T082500	2020	03	13	08:25	45.1	84.2	0.013
20200313T083000	2020	03	13	08:30	45	84.5	0.012
20200313T083500	2020	03	13	08:35	45	85.1	0.007
20200313T084000	2020	03	13	08:40	45.1	84.9	0.007
20200313T084500	2020	03	13	08:45	45.2	85.1	0
20200313T085000	2020	03	13	08:50	45.4	84.4	0
20200313T085500	2020	03	13	08:55	45.8	83	0
20200313T090000	2020	03	13	09:00	45.9	83	0
20200313T090500	2020	03	13	09:05	46.2	82.8	0
20200313T091000	2020	03	13	09:10	46.6	81.7	0
20200313T091500	2020	03	13	09:15	46.7	81.7	0
20200313T092000	2020	03	13	09:20	46.8	81.7	0
20200313T092500	2020	03	13	09:25	46.9	81.3	0
20200313T093000	2020	03	13	09:30	46.7	81.9	0
20200313T093500	2020	03	13	09:35	46.7	82.5	0
20200313T094000	2020	03	13	09:40	46.8	82.6	0
20200313T094500	2020	03	13	09:45	46.9	83.1	0
20200313T095000	2020	03	13	09:50	47.1	82.7	0
20200313T095500	2020	03	13	09:55	47.2	83	0.009
20200313T100000	2020	03	13	10:00	47.3	83.5	0
20200313T100500	2020	03	13	10:05	47.3	84.5	0
20200313T101000	2020	03	13	10:10	47.4	84.6	0
20200313T101500	2020	03	13	10:15	47.2	85.1	0
20200313T102000	2020	03	13	10:20	47.2	85.1	0.007
20200313T102500	2020	03	13	10:25	47.5	84.9	0
20200313T103000	2020	03	13	10:30	47.8	83.8	0
20200313T103500	2020	03	13	10:35	48	83.7	0.004
20200313T104000	2020	03	13	10:40	48.1	83.9	0
20200313T104500	2020	03	13	10:45	48.1	83.8	0
20200313T105000	2020	03	13	10:50	48.2	83.2	0
20200313T105500	2020	03	13	10:55	48.1	83.5	0
20200313T110000	2020	03	13	11:00	48.1	83.1	0.006
20200313T110500	2020	03	13	11:05	47.9	83.9	0
20200313T111000	2020	03	13	11:10	47.9	83.4	0.007
20200313T111500	2020	03	13	11:15	47.7	83.4	0
20200313T112000	2020	03	13	11:20	47.6	84	0
20200313T112500	2020	03	13	11:25	47.2	84.7	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200313T113000	2020	03	13	11:30	47	85.2	0
20200313T113500	2020	03	13	11:35	47	86.5	0.004
20200313T114000	2020	03	13	11:40	46.9	88	0.004
20200313T114500	2020	03	13	11:45	46.8	88.6	0.002
20200313T115000	2020	03	13	11:50	46.9	88.9	0.006
20200313T115500	2020	03	13	11:55	47	89.2	0.026
20200313T120000	2020	03	13	12:00	47.2	89.9	0.007
20200313T120500	2020	03	13	12:05	47.7	86.5	0
20200313T121000	2020	03	13	12:10	47.9	86.4	0.004
20200313T121500	2020	03	13	12:15	47.8	86.1	0
20200313T122000	2020	03	13	12:20	47.6	85.9	0
20200313T122500	2020	03	13	12:25	47.6	84.6	0.006
20200313T123000	2020	03	13	12:30	47.5	83.9	0
20200313T123500	2020	03	13	12:35	47.2	83.2	0
20200313T124000	2020	03	13	12:40	47.1	83.5	0
20200313T124500	2020	03	13	12:45	47	83.6	0
20200313T125000	2020	03	13	12:50	47	84	0
20200313T125500	2020	03	13	12:55	47.2	80.9	0
20200313T130000	2020	03	13	13:00	47.4	78.5	0
20200313T130500	2020	03	13	13:05	47.1	78.4	0
20200313T131000	2020	03	13	13:10	46.8	77.8	0
20200313T131500	2020	03	13	13:15	47.6	74.2	0
20200313T132000	2020	03	13	13:20	47.9	70.3	0
20200313T132500	2020	03	13	13:25	47.7	69.3	0
20200313T133000	2020	03	13	13:30	47.6	70.3	0
20200313T133500	2020	03	13	13:35	46.6	70.5	0
20200313T134000	2020	03	13	13:40	46.2	68.6	0
20200313T134500	2020	03	13	13:45	46	69	0
20200313T135000	2020	03	13	13:50	46.1	69.4	0
20200313T135500	2020	03	13	13:55	45.4	68.8	0
20200313T140000	2020	03	13	14:00	45.3	68.9	0
20200313T140500	2020	03	13	14:05	45.1	69.7	0
20200313T141000	2020	03	13	14:10	44.4	71.3	0
20200313T141500	2020	03	13	14:15	43.5	67.9	0
20200313T142000	2020	03	13	14:20	43.2	65.6	0
20200313T142500	2020	03	13	14:25	43.3	66	0
20200313T143000	2020	03	13	14:30	43	66.5	0
20200313T143500	2020	03	13	14:35	42.9	64.3	0
20200313T144000	2020	03	13	14:40	43.6	63.4	0
20200313T144500	2020	03	13	14:45	44.1	61.6	0
20200313T145000	2020	03	13	14:50	44.4	62	0
20200313T145500	2020	03	13	14:55	44	61.3	0
20200313T150000	2020	03	13	15:00	44.3	61.5	0
20200313T150500	2020	03	13	15:05	44.1	61.6	0
20200313T151000	2020	03	13	15:10	44	62.3	0
20200313T151500	2020	03	13	15:15	44	61.3	0
20200313T152000	2020	03	13	15:20	44.5	59.7	0
20200313T152500	2020	03	13	15:25	44.5	60.6	0
20200313T153000	2020	03	13	15:30	44.8	61.9	0
20200313T153500	2020	03	13	15:35	44.7	63.1	0
20200313T154000	2020	03	13	15:40	44	63.8	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200313T154500	2020	03	13	15:45	43.8	62.5	0
20200313T155000	2020	03	13	15:50	43.4	59.3	0
20200313T155500	2020	03	13	15:55	42.9	61.9	0
20200313T160000	2020	03	13	16:00	42.9	62.6	0
20200313T160500	2020	03	13	16:05	42.7	63.6	0
20200313T161000	2020	03	13	16:10	42.5	66.6	0
20200313T161500	2020	03	13	16:15	42.5	65.9	0
20200313T162000	2020	03	13	16:20	42.5	65.6	0
20200313T162500	2020	03	13	16:25	42.1	65.6	0
20200313T163000	2020	03	13	16:30	42	66.5	0
20200313T163500	2020	03	13	16:35	41.7	65.6	0
20200313T164000	2020	03	13	16:40	41.5	64.4	0
20200313T164500	2020	03	13	16:45	41.5	65.4	0
20200313T165000	2020	03	13	16:50	41.2	64.3	0
20200313T165500	2020	03	13	16:55	41	63.9	0
20200313T170000	2020	03	13	17:00	41.1	61.1	0
20200313T170500	2020	03	13	17:05	41.9	58.1	0
20200313T171000	2020	03	13	17:10	41.5	54	0
20200313T171500	2020	03	13	17:15	41.1	54.8	0
20200313T172000	2020	03	13	17:20	41.1	52.8	0
20200313T172500	2020	03	13	17:25	41	52.7	0
20200313T173000	2020	03	13	17:30	41.1	53.4	0
20200313T173500	2020	03	13	17:35	40.4	55.1	0
20200313T174000	2020	03	13	17:40	40.2	56.4	0
20200313T174500	2020	03	13	17:45	40.6	56.4	0
20200313T175000	2020	03	13	17:50	40.6	55.2	0
20200313T175500	2020	03	13	17:55	40.5	54.6	0
20200313T180000	2020	03	13	18:00	40.6	54	0
20200313T180500	2020	03	13	18:05	40.4	54.4	0
20200313T181000	2020	03	13	18:10	40.6	54.9	0
20200313T181500	2020	03	13	18:15	40.6	54.2	0
20200313T182000	2020	03	13	18:20	40.2	54.1	0
20200313T182500	2020	03	13	18:25	40.1	52.1	0
20200313T183000	2020	03	13	18:30	40.1	52	0
20200313T183500	2020	03	13	18:35	40.2	51.2	0
20200313T184000	2020	03	13	18:40	40.1	51.4	0
20200313T184500	2020	03	13	18:45	40.1	52	0
20200313T185000	2020	03	13	18:50	40	51.7	0
20200313T185500	2020	03	13	18:55	39.8	53.3	0
20200313T190000	2020	03	13	19:00	39.8	52.7	0
20200313T190500	2020	03	13	19:05	39.6	53.6	0
20200313T191000	2020	03	13	19:10	39.3	56.3	0
20200313T191500	2020	03	13	19:15	39.2	58.1	0
20200313T192000	2020	03	13	19:20	39	59.2	0
20200313T192500	2020	03	13	19:25	38.8	59.3	0
20200313T193000	2020	03	13	19:30	38.8	58.7	0
20200313T193500	2020	03	13	19:35	38.6	59.7	0
20200313T194000	2020	03	13	19:40	38.7	57.9	0
20200313T194500	2020	03	13	19:45	38.6	57.7	0
20200313T195000	2020	03	13	19:50	38.5	57.7	0
20200313T195500	2020	03	13	19:55	38.4	56.6	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200313T200000	2020	03	13	20:00	38.5	55.9	0
20200313T200500	2020	03	13	20:05	38.3	56.9	0
20200313T201000	2020	03	13	20:10	38.2	57.9	0
20200313T201500	2020	03	13	20:15	38.1	58.9	0
20200313T202000	2020	03	13	20:20	38.1	59.2	0
20200313T202500	2020	03	13	20:25	38	59.3	0
20200313T203000	2020	03	13	20:30	38.1	58.1	0
20200313T203500	2020	03	13	20:35	37.9	58.8	0
20200313T204000	2020	03	13	20:40	37.9	58.3	0
20200313T204500	2020	03	13	20:45	37.6	59.6	0
20200313T205000	2020	03	13	20:50	37.7	57.9	0
20200313T205500	2020	03	13	20:55	37.7	57.9	0
20200313T210000	2020	03	13	21:00	37.5	58.1	0
20200313T210500	2020	03	13	21:05	37.5	57.5	0
20200313T211000	2020	03	13	21:10	37.3	56.8	0
20200313T211500	2020	03	13	21:15	37	57.5	0
20200313T212000	2020	03	13	21:20	37	57.2	0
20200313T212500	2020	03	13	21:25	37	56.9	0
20200313T213000	2020	03	13	21:30	37	57	0
20200313T213500	2020	03	13	21:35	36.8	57.7	0
20200313T214000	2020	03	13	21:40	36.7	58.4	0
20200313T214500	2020	03	13	21:45	36.6	58.9	0
20200313T215000	2020	03	13	21:50	36.5	57.4	0
20200313T215500	2020	03	13	21:55	36.4	57	0
20200313T220000	2020	03	13	22:00	36.4	56.2	0
20200313T220500	2020	03	13	22:05	36.2	57	0
20200313T221000	2020	03	13	22:10	36.1	57.8	0
20200313T221500	2020	03	13	22:15	36.2	56.1	0
20200313T222000	2020	03	13	22:20	36.1	57.6	0
20200313T222500	2020	03	13	22:25	36.1	57.9	0
20200313T223000	2020	03	13	22:30	36.1	57.6	0
20200313T223500	2020	03	13	22:35	36.1	57.6	0
20200313T224000	2020	03	13	22:40	36	57.8	0
20200313T224500	2020	03	13	22:45	35.9	58.3	0
20200313T225000	2020	03	13	22:50	36	57.8	0
20200313T225500	2020	03	13	22:55	35.9	58.9	0
20200313T230000	2020	03	13	23:00	35.9	59	0
20200313T230500	2020	03	13	23:05	35.9	58.6	0
20200313T231000	2020	03	13	23:10	36	58.4	0
20200313T231500	2020	03	13	23:15	35.8	59.9	0
20200313T232000	2020	03	13	23:20	35.8	59.9	0
20200313T232500	2020	03	13	23:25	35.9	58.5	0
20200313T233000	2020	03	13	23:30	35.9	58.8	0
20200313T233500	2020	03	13	23:35	35.9	57.8	0
20200313T234000	2020	03	13	23:40	35.8	57.9	0
20200313T234500	2020	03	13	23:45	35.7	58.7	0
20200313T235000	2020	03	13	23:50	35.7	58.8	0
20200313T235500	2020	03	13	23:55	35.6	59.3	0
20200314T000000	2020	03	14	00:00	35.5	59.6	0
20200314T000500	2020	03	14	00:05	35.5	59.3	0
20200314T001000	2020	03	14	00:10	35.5	58.6	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200314T001500	2020	03	14	00:15	35.4	58.4	0
20200314T002000	2020	03	14	00:20	35.4	57.8	0
20200314T002500	2020	03	14	00:25	35.4	57.9	0
20200314T003000	2020	03	14	00:30	35.4	57	0
20200314T003500	2020	03	14	00:35	35.3	57.2	0
20200314T004000	2020	03	14	00:40	35.2	57.3	0
20200314T004500	2020	03	14	00:45	35.1	58.1	0
20200314T005000	2020	03	14	00:50	35	58.9	0
20200314T005500	2020	03	14	00:55	35.1	58.3	0
20200314T010000	2020	03	14	01:00	35	59.1	0
20200314T010500	2020	03	14	01:05	35	58.5	0
20200314T011000	2020	03	14	01:10	34.9	58.8	0
20200314T011500	2020	03	14	01:15	34.9	58.9	0
20200314T012000	2020	03	14	01:20	34.8	60.1	0
20200314T012500	2020	03	14	01:25	34.8	59.7	0
20200314T013000	2020	03	14	01:30	34.8	60	0
20200314T013500	2020	03	14	01:35	34.7	60.4	0
20200314T014000	2020	03	14	01:40	34.7	60.1	0
20200314T014500	2020	03	14	01:45	34.6	61.3	0
20200314T015000	2020	03	14	01:50	34.7	60.2	0
20200314T015500	2020	03	14	01:55	34.6	61.2	0
20200314T020000	2020	03	14	02:00	34.6	60.8	0
20200314T020500	2020	03	14	02:05	34.7	60	0
20200314T021000	2020	03	14	02:10	34.6	60.4	0
20200314T021500	2020	03	14	02:15	34.7	60.1	0
20200314T022000	2020	03	14	02:20	34.6	60.8	0
20200314T022500	2020	03	14	02:25	34.7	59.8	0
20200314T023000	2020	03	14	02:30	34.7	59.9	0
20200314T023500	2020	03	14	02:35	34.7	59.4	0
20200314T024000	2020	03	14	02:40	34.8	58.8	0
20200314T024500	2020	03	14	02:45	34.7	59	0
20200314T025000	2020	03	14	02:50	34.7	59.5	0
20200314T025500	2020	03	14	02:55	34.7	59.6	0
20200314T030000	2020	03	14	03:00	34.7	59.2	0
20200314T030500	2020	03	14	03:05	34.7	59.5	0
20200314T031000	2020	03	14	03:10	34.6	59.9	0
20200314T031500	2020	03	14	03:15	34.6	59.7	0
20200314T032000	2020	03	14	03:20	34.5	60.3	0
20200314T032500	2020	03	14	03:25	34.5	60.4	0
20200314T033000	2020	03	14	03:30	34.5	60.7	0
20200314T033500	2020	03	14	03:35	34.4	60.7	0
20200314T034000	2020	03	14	03:40	34.4	61	0
20200314T034500	2020	03	14	03:45	34.3	61	0
20200314T035000	2020	03	14	03:50	34.3	61.1	0
20200314T035500	2020	03	14	03:55	34.4	60.4	0
20200314T040000	2020	03	14	04:00	34.3	61.6	0
20200314T040500	2020	03	14	04:05	34.3	61.4	0
20200314T041000	2020	03	14	04:10	34.3	61.2	0
20200314T041500	2020	03	14	04:15	34.4	60.4	0
20200314T042000	2020	03	14	04:20	34.3	61.5	0
20200314T042500	2020	03	14	04:25	34.3	61.3	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200314T043000	2020	03	14	04:30	34.2	62.5	0
20200314T043500	2020	03	14	04:35	34.1	63.3	0
20200314T044000	2020	03	14	04:40	33.9	64.4	0
20200314T044500	2020	03	14	04:45	33.8	65.7	0
20200314T045000	2020	03	14	04:50	33.4	68.7	0
20200314T045500	2020	03	14	04:55	33.2	69.6	0
20200314T050000	2020	03	14	05:00	33	71.6	0
20200314T050500	2020	03	14	05:05	32.8	73.7	0
20200314T051000	2020	03	14	05:10	32.8	73	0
20200314T051500	2020	03	14	05:15	32.6	74.2	0
20200314T052000	2020	03	14	05:20	32.4	75.6	0
20200314T052500	2020	03	14	05:25	32.2	75.8	0.004
20200314T053000	2020	03	14	05:30	32.1	75.5	0
20200314T053500	2020	03	14	05:35	32	75.5	0
20200314T054000	2020	03	14	05:40	31.9	75.2	0
20200314T054500	2020	03	14	05:45	32.1	72.5	0
20200314T055000	2020	03	14	05:50	32.2	70.4	0
20200314T055500	2020	03	14	05:55	32.1	69.8	0
20200314T060000	2020	03	14	06:00	31.9	72.3	0
20200314T060500	2020	03	14	06:05	31.9	73	0
20200314T061000	2020	03	14	06:10	32	72.2	0
20200314T061500	2020	03	14	06:15	32.2	69.6	0
20200314T062000	2020	03	14	06:20	32.3	67.3	0
20200314T062500	2020	03	14	06:25	32.4	66	0
20200314T063000	2020	03	14	06:30	32.6	63.7	0
20200314T063500	2020	03	14	06:35	32.5	62.9	0
20200314T064000	2020	03	14	06:40	32.5	62.3	0
20200314T064500	2020	03	14	06:45	32.5	61.8	0
20200314T065000	2020	03	14	06:50	32.7	60.9	0
20200314T065500	2020	03	14	06:55	32.7	61	0
20200314T070000	2020	03	14	07:00	32.8	60.8	0
20200314T070500	2020	03	14	07:05	32.8	60.6	0
20200314T071000	2020	03	14	07:10	32.7	60.7	0
20200314T071500	2020	03	14	07:15	32.8	59.9	0
20200314T072000	2020	03	14	07:20	32.8	60.5	0
20200314T072500	2020	03	14	07:25	32.8	60.3	0
20200314T073000	2020	03	14	07:30	32.9	60.3	0
20200314T073500	2020	03	14	07:35	32.8	61	0
20200314T074000	2020	03	14	07:40	32.8	60.9	0
20200314T074500	2020	03	14	07:45	32.8	60.9	0
20200314T075000	2020	03	14	07:50	32.8	61.1	0
20200314T075500	2020	03	14	07:55	32.8	61.6	0
20200314T080000	2020	03	14	08:00	32.8	61	0
20200314T080500	2020	03	14	08:05	32.8	61.4	0
20200314T081000	2020	03	14	08:10	32.8	61.7	0
20200314T081500	2020	03	14	08:15	32.9	61.6	0
20200314T082000	2020	03	14	08:20	32.8	62.3	0
20200314T082500	2020	03	14	08:25	32.9	62.1	0
20200314T083000	2020	03	14	08:30	33.1	61.4	0
20200314T083500	2020	03	14	08:35	33	62.4	0
20200314T084000	2020	03	14	08:40	33	61.5	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200314T084500	2020	03	14	08:45	33.1	61.6	0
20200314T085000	2020	03	14	08:50	33.1	61.6	0
20200314T085500	2020	03	14	08:55	33.2	61.5	0
20200314T090000	2020	03	14	09:00	33.2	61.7	0
20200314T090500	2020	03	14	09:05	33.3	61.8	0
20200314T091000	2020	03	14	09:10	33.5	61.8	0
20200314T091500	2020	03	14	09:15	33.6	62	0
20200314T092000	2020	03	14	09:20	33.6	61.7	0
20200314T092500	2020	03	14	09:25	33.7	61.7	0
20200314T093000	2020	03	14	09:30	33.8	61.4	0
20200314T093500	2020	03	14	09:35	33.7	61.3	0
20200314T094000	2020	03	14	09:40	33.9	61.4	0
20200314T094500	2020	03	14	09:45	34.2	61.6	0
20200314T095000	2020	03	14	09:50	34.2	60.6	0
20200314T095500	2020	03	14	09:55	34.1	61.1	0
20200314T100000	2020	03	14	10:00	34.2	61.4	0
20200314T100500	2020	03	14	10:05	34.1	60.1	0
20200314T101000	2020	03	14	10:10	34	59.3	0
20200314T101500	2020	03	14	10:15	34.1	61.1	0
20200314T102000	2020	03	14	10:20	34.2	60.5	0
20200314T102500	2020	03	14	10:25	34.3	61.3	0
20200314T103000	2020	03	14	10:30	34.4	61.4	0
20200314T103500	2020	03	14	10:35	34.3	59.1	0
20200314T104000	2020	03	14	10:40	34.4	59.4	0
20200314T104500	2020	03	14	10:45	34.5	58.9	0
20200314T105000	2020	03	14	10:50	34.6	59.8	0
20200314T105500	2020	03	14	10:55	34.8	60.5	0
20200314T110000	2020	03	14	11:00	35	59.1	0
20200314T110500	2020	03	14	11:05	35.1	60.2	0
20200314T111000	2020	03	14	11:10	35	60.1	0
20200314T111500	2020	03	14	11:15	35.4	59.8	0
20200314T112000	2020	03	14	11:20	35.1	59	0
20200314T112500	2020	03	14	11:25	35.3	58	0
20200314T113000	2020	03	14	11:30	36.1	58.9	0
20200314T113500	2020	03	14	11:35	37.1	57	0
20200314T114000	2020	03	14	11:40	36.4	56.6	0
20200314T114500	2020	03	14	11:45	35.8	57.7	0
20200314T115000	2020	03	14	11:50	36.3	57.8	0
20200314T115500	2020	03	14	11:55	36.5	57.1	0
20200314T120000	2020	03	14	12:00	35.8	57.7	0
20200314T120500	2020	03	14	12:05	36.3	57.2	0
20200314T121000	2020	03	14	12:10	36.4	57.2	0
20200314T121500	2020	03	14	12:15	37.5	55.2	0
20200314T122000	2020	03	14	12:20	37.7	56.2	0
20200314T122500	2020	03	14	12:25	37.7	55.9	0
20200314T123000	2020	03	14	12:30	36.6	55.1	0
20200314T123500	2020	03	14	12:35	37.1	56	0
20200314T124000	2020	03	14	12:40	37.7	55.1	0
20200314T124500	2020	03	14	12:45	37.2	54.5	0
20200314T125000	2020	03	14	12:50	38.3	55.6	0
20200314T125500	2020	03	14	12:55	37.4	54.5	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200314T130000	2020	03	14	13:00	38.8	53.7	0
20200314T130500	2020	03	14	13:05	39.2	55	0
20200314T131000	2020	03	14	13:10	38.9	52.9	0
20200314T131500	2020	03	14	13:15	38.8	52.8	0
20200314T132000	2020	03	14	13:20	38.8	52.7	0
20200314T132500	2020	03	14	13:25	38.4	53.5	0
20200314T133000	2020	03	14	13:30	38.4	50.9	0
20200314T133500	2020	03	14	13:35	38.9	52.9	0
20200314T134000	2020	03	14	13:40	39	52.1	0
20200314T134500	2020	03	14	13:45	39.9	53.8	0
20200314T135000	2020	03	14	13:50	39.1	51.3	0
20200314T135500	2020	03	14	13:55	39.5	52	0
20200314T140000	2020	03	14	14:00	38.9	50.2	0
20200314T140500	2020	03	14	14:05	39.1	51	0
20200314T141000	2020	03	14	14:10	39.9	50.3	0
20200314T141500	2020	03	14	14:15	39.9	48.3	0
20200314T142000	2020	03	14	14:20	39.7	50.2	0
20200314T142500	2020	03	14	14:25	39.8	48.8	0
20200314T143000	2020	03	14	14:30	39.9	49.3	0
20200314T143500	2020	03	14	14:35	39.5	48.6	0
20200314T144000	2020	03	14	14:40	39.8	49.8	0
20200314T144500	2020	03	14	14:45	39.9	48.6	0
20200314T145000	2020	03	14	14:50	40.2	47.1	0
20200314T145500	2020	03	14	14:55	40	46.7	0
20200314T150000	2020	03	14	15:00	40	47	0
20200314T150500	2020	03	14	15:05	39.8	48.1	0
20200314T151000	2020	03	14	15:10	39.4	44.9	0
20200314T151500	2020	03	14	15:15	39.4	46.1	0
20200314T152000	2020	03	14	15:20	39.8	46.3	0
20200314T152500	2020	03	14	15:25	39.8	45.3	0
20200314T153000	2020	03	14	15:30	40.2	47.9	0
20200314T153500	2020	03	14	15:35	40.6	47.7	0
20200314T154000	2020	03	14	15:40	40.2	46.8	0
20200314T154500	2020	03	14	15:45	39.9	45.9	0
20200314T155000	2020	03	14	15:50	40.1	45.7	0
20200314T155500	2020	03	14	15:55	39.9	45.4	0
20200314T160000	2020	03	14	16:00	40.1	46.8	0
20200314T160500	2020	03	14	16:05	40.1	46.3	0
20200314T161000	2020	03	14	16:10	39.8	44.7	0
20200314T161500	2020	03	14	16:15	39.7	45.4	0
20200314T162000	2020	03	14	16:20	39.6	45.2	0
20200314T162500	2020	03	14	16:25	39.8	43.1	0
20200314T163000	2020	03	14	16:30	39.5	42.6	0
20200314T163500	2020	03	14	16:35	40	45.4	0
20200314T164000	2020	03	14	16:40	39.4	44.2	0
20200314T164500	2020	03	14	16:45	39.5	45.2	0
20200314T165000	2020	03	14	16:50	39.6	45.4	0
20200314T165500	2020	03	14	16:55	39.5	45.8	0
20200314T170000	2020	03	14	17:00	39.7	46.9	0
20200314T170500	2020	03	14	17:05	39.2	43.3	0
20200314T171000	2020	03	14	17:10	39	43.4	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200314T171500	2020	03	14	17:15	39.1	43.9	0
20200314T172000	2020	03	14	17:20	38.8	43.9	0
20200314T172500	2020	03	14	17:25	38.7	43.3	0
20200314T173000	2020	03	14	17:30	38.7	44.5	0
20200314T173500	2020	03	14	17:35	38.6	44.3	0
20200314T174000	2020	03	14	17:40	38.4	44.4	0
20200314T174500	2020	03	14	17:45	38.3	43.2	0
20200314T175000	2020	03	14	17:50	38.3	42.9	0
20200314T175500	2020	03	14	17:55	38.2	44.3	0
20200314T180000	2020	03	14	18:00	38.1	45.3	0
20200314T180500	2020	03	14	18:05	37.9	44.7	0
20200314T181000	2020	03	14	18:10	37.6	44.2	0
20200314T181500	2020	03	14	18:15	37.3	43.9	0
20200314T182000	2020	03	14	18:20	37.1	43.1	0
20200314T182500	2020	03	14	18:25	36.9	43.8	0
20200314T183000	2020	03	14	18:30	36.5	46.2	0
20200314T183500	2020	03	14	18:35	36.3	47.6	0
20200314T184000	2020	03	14	18:40	36	48.4	0
20200314T184500	2020	03	14	18:45	36.1	47.7	0
20200314T185000	2020	03	14	18:50	36	47.5	0
20200314T185500	2020	03	14	18:55	36	47	0
20200314T190000	2020	03	14	19:00	35.5	49.3	0
20200314T190500	2020	03	14	19:05	35.5	48.5	0
20200314T191000	2020	03	14	19:10	35.5	48.3	0
20200314T191500	2020	03	14	19:15	35.1	49.6	0
20200314T192000	2020	03	14	19:20	35	50	0
20200314T192500	2020	03	14	19:25	34.8	50.2	0
20200314T193000	2020	03	14	19:30	34.8	49.8	0
20200314T193500	2020	03	14	19:35	34.6	50.6	0
20200314T194000	2020	03	14	19:40	34.4	51	0
20200314T194500	2020	03	14	19:45	34.6	50.1	0
20200314T195000	2020	03	14	19:50	34.3	50.8	0
20200314T195500	2020	03	14	19:55	34.4	50.4	0
20200314T200000	2020	03	14	20:00	34.6	49.4	0
20200314T200500	2020	03	14	20:05	34.3	50.7	0
20200314T201000	2020	03	14	20:10	34.1	51.1	0
20200314T201500	2020	03	14	20:15	34	51.2	0
20200314T202000	2020	03	14	20:20	33.9	52.1	0
20200314T202500	2020	03	14	20:25	34	51.2	0
20200314T203000	2020	03	14	20:30	33.8	52	0
20200314T203500	2020	03	14	20:35	33.6	52.5	0
20200314T204000	2020	03	14	20:40	33.6	52.3	0
20200314T204500	2020	03	14	20:45	33.7	52	0
20200314T205000	2020	03	14	20:50	33.3	53.3	0
20200314T205500	2020	03	14	20:55	33.2	53.9	0
20200314T210000	2020	03	14	21:00	33.3	53.2	0
20200314T210500	2020	03	14	21:05	33.4	52.6	0
20200314T211000	2020	03	14	21:10	33	54.1	0
20200314T211500	2020	03	14	21:15	32.7	55.7	0
20200314T212000	2020	03	14	21:20	32.7	55.7	0
20200314T212500	2020	03	14	21:25	32.4	56.7	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200314T213000	2020	03	14	21:30	32.3	57	0
20200314T213500	2020	03	14	21:35	32.3	57	0
20200314T214000	2020	03	14	21:40	32.5	56.1	0
20200314T214500	2020	03	14	21:45	32.5	55.6	0
20200314T215000	2020	03	14	21:50	32.2	57.1	0
20200314T215500	2020	03	14	21:55	32.1	57.4	0
20200314T220000	2020	03	14	22:00	32.1	56.9	0
20200314T220500	2020	03	14	22:05	32.1	56.6	0
20200314T221000	2020	03	14	22:10	32.1	55.1	0
20200314T221500	2020	03	14	22:15	31.9	53.6	0
20200314T222000	2020	03	14	22:20	31.8	52.2	0
20200314T222500	2020	03	14	22:25	31.8	50.2	0
20200314T223000	2020	03	14	22:30	32.1	47.3	0
20200314T223500	2020	03	14	22:35	31.9	47.2	0
20200314T224000	2020	03	14	22:40	31.9	45.8	0
20200314T224500	2020	03	14	22:45	31.8	45.5	0
20200314T225000	2020	03	14	22:50	31.7	45.3	0
20200314T225500	2020	03	14	22:55	31.6	44.9	0
20200314T230000	2020	03	14	23:00	31.5	45.4	0
20200314T230500	2020	03	14	23:05	31.2	46.9	0
20200314T231000	2020	03	14	23:10	31.2	47.2	0
20200314T231500	2020	03	14	23:15	30.9	48.2	0
20200314T232000	2020	03	14	23:20	30.6	48.4	0
20200314T232500	2020	03	14	23:25	30.4	48.7	0
20200314T233000	2020	03	14	23:30	30.2	49.3	0
20200314T233500	2020	03	14	23:35	30.1	49.1	0
20200314T234000	2020	03	14	23:40	30.1	47.9	0
20200314T234500	2020	03	14	23:45	29.7	48	0
20200314T235000	2020	03	14	23:50	29.5	48.3	0
20200314T235500	2020	03	14	23:55	29.6	47.7	0
20200315T000000	2020	03	15	00:00	29.3	48.2	0
20200315T000500	2020	03	15	00:05	28.9	50.2	0
20200315T001000	2020	03	15	00:10	29	49.2	0
20200315T001500	2020	03	15	00:15	29.2	47.6	0
20200315T002000	2020	03	15	00:20	29.2	47.7	0
20200315T002500	2020	03	15	00:25	29.1	47	0
20200315T003000	2020	03	15	00:30	28.9	47.5	0
20200315T003500	2020	03	15	00:35	28.4	49.2	0
20200315T004000	2020	03	15	00:40	28.3	49.5	0
20200315T004500	2020	03	15	00:45	28.3	49.9	0
20200315T005000	2020	03	15	00:50	28	50.4	0
20200315T005500	2020	03	15	00:55	27.7	50.5	0
20200315T010000	2020	03	15	01:00	27.7	50.3	0
20200315T010500	2020	03	15	01:05	27.6	50.4	0
20200315T011000	2020	03	15	01:10	27.3	51.2	0
20200315T011500	2020	03	15	01:15	27.3	51.9	0
20200315T012000	2020	03	15	01:20	27.3	50.9	0
20200315T012500	2020	03	15	01:25	27.1	51.5	0
20200315T013000	2020	03	15	01:30	27	51.6	0
20200315T013500	2020	03	15	01:35	26.8	52.6	0
20200315T014000	2020	03	15	01:40	26.7	52.6	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200315T014500	2020	03	15	01:45	26.6	53.5	0
20200315T015000	2020	03	15	01:50	26.5	53.7	0
20200315T015500	2020	03	15	01:55	26.2	53.8	0
20200315T020000	2020	03	15	02:00	25.7	54.7	0
20200315T020500	2020	03	15	02:05	25.6	55.1	0
20200315T021000	2020	03	15	02:10	25.3	57.6	0
20200315T021500	2020	03	15	02:15	25.4	57.6	0
20200315T022000	2020	03	15	02:20	25.3	56.3	0
20200315T022500	2020	03	15	02:25	25.2	56.6	0
20200315T023000	2020	03	15	02:30	25.2	57.6	0
20200315T023500	2020	03	15	02:35	24.9	59.2	0
20200315T024000	2020	03	15	02:40	24.7	58.2	0
20200315T024500	2020	03	15	02:45	24.8	58.2	0
20200315T025000	2020	03	15	02:50	24.7	59.6	0
20200315T025500	2020	03	15	02:55	24.6	60.2	0
20200315T030000	2020	03	15	03:00	24.3	60.5	0
20200315T030500	2020	03	15	03:05	24.2	59.9	0
20200315T031000	2020	03	15	03:10	24	60.3	0
20200315T031500	2020	03	15	03:15	23.8	61.5	0
20200315T032000	2020	03	15	03:20	23.2	62.7	0
20200315T032500	2020	03	15	03:25	23.2	62.9	0
20200315T033000	2020	03	15	03:30	23.1	62.9	0
20200315T033500	2020	03	15	03:35	23.1	62.7	0
20200315T034000	2020	03	15	03:40	23.1	61.4	0
20200315T034500	2020	03	15	03:45	22.8	61.7	0
20200315T035000	2020	03	15	03:50	22.9	60.7	0
20200315T035500	2020	03	15	03:55	22.6	60.6	0
20200315T040000	2020	03	15	04:00	22.5	60	0
20200315T040500	2020	03	15	04:05	21.8	60.7	0
20200315T041000	2020	03	15	04:10	22.2	59.8	0
20200315T041500	2020	03	15	04:15	22.3	58.7	0
20200315T042000	2020	03	15	04:20	22.1	59.4	0
20200315T042500	2020	03	15	04:25	22	59.3	0
20200315T043000	2020	03	15	04:30	21.8	60.1	0
20200315T043500	2020	03	15	04:35	22	60.5	0
20200315T044000	2020	03	15	04:40	22	60.8	0
20200315T044500	2020	03	15	04:45	21.8	61.5	0
20200315T045000	2020	03	15	04:50	21.8	61.2	0
20200315T045500	2020	03	15	04:55	21.6	61.3	0
20200315T050000	2020	03	15	05:00	21.3	61.9	0
20200315T050500	2020	03	15	05:05	21.2	62.9	0
20200315T051000	2020	03	15	05:10	20.8	64.6	0
20200315T051500	2020	03	15	05:15	20.9	64.5	0
20200315T052000	2020	03	15	05:20	20.9	64	0
20200315T052500	2020	03	15	05:25	20.7	63.8	0
20200315T053000	2020	03	15	05:30	20.5	64.4	0
20200315T053500	2020	03	15	05:35	20.3	65.1	0
20200315T054000	2020	03	15	05:40	20.4	65.6	0
20200315T054500	2020	03	15	05:45	20.4	65.6	0
20200315T055000	2020	03	15	05:50	20.3	65.5	0
20200315T055500	2020	03	15	05:55	20.1	66.8	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200315T060000	2020	03	15	06:00	20.1	67.4	0
20200315T060500	2020	03	15	06:05	19.7	67.5	0
20200315T061000	2020	03	15	06:10	19.5	67.6	0
20200315T061500	2020	03	15	06:15	19.3	68.1	0
20200315T062000	2020	03	15	06:20	19.2	68.5	0
20200315T062500	2020	03	15	06:25	19.1	68.8	0
20200315T063000	2020	03	15	06:30	19	69	0
20200315T063500	2020	03	15	06:35	18.9	69.5	0
20200315T064000	2020	03	15	06:40	19	69.6	0
20200315T064500	2020	03	15	06:45	19.1	69.1	0
20200315T065000	2020	03	15	06:50	18.9	69.1	0
20200315T065500	2020	03	15	06:55	18.6	70.1	0
20200315T070000	2020	03	15	07:00	18.7	70.4	0
20200315T070500	2020	03	15	07:05	18.4	70.1	0
20200315T071000	2020	03	15	07:10	18.5	69.7	0
20200315T071500	2020	03	15	07:15	18.4	70.3	0
20200315T072000	2020	03	15	07:20	18.4	70.9	0
20200315T072500	2020	03	15	07:25	18.5	71	0
20200315T073000	2020	03	15	07:30	18.5	71.8	0
20200315T073500	2020	03	15	07:35	18.5	72.2	0
20200315T074000	2020	03	15	07:40	18.5	71.8	0
20200315T074500	2020	03	15	07:45	18.4	71.8	0
20200315T075000	2020	03	15	07:50	18.4	71.9	0
20200315T075500	2020	03	15	07:55	18.3	72.1	0
20200315T080000	2020	03	15	08:00	18.3	72.3	0
20200315T080500	2020	03	15	08:05	18.2	72.3	0
20200315T081000	2020	03	15	08:10	18.2	72	0
20200315T081500	2020	03	15	08:15	18.1	72.3	0
20200315T082000	2020	03	15	08:20	18.2	71.8	0
20200315T082500	2020	03	15	08:25	18.1	71.5	0
20200315T083000	2020	03	15	08:30	18.1	71.8	0
20200315T083500	2020	03	15	08:35	18.1	71.8	0
20200315T084000	2020	03	15	08:40	18.1	72.2	0
20200315T084500	2020	03	15	08:45	18.1	72	0
20200315T085000	2020	03	15	08:50	18.2	72.1	0
20200315T085500	2020	03	15	08:55	18.5	72.5	0
20200315T090000	2020	03	15	09:00	18.4	72.3	0
20200315T090500	2020	03	15	09:05	18.6	72.2	0
20200315T091000	2020	03	15	09:10	18.5	71.8	0
20200315T091500	2020	03	15	09:15	18.6	72	0
20200315T092000	2020	03	15	09:20	19	72.1	0
20200315T092500	2020	03	15	09:25	18.9	71.2	0
20200315T093000	2020	03	15	09:30	18.8	71.6	0
20200315T093500	2020	03	15	09:35	18.7	71.7	0
20200315T094000	2020	03	15	09:40	19.4	72.5	0
20200315T094500	2020	03	15	09:45	19.5	72	0
20200315T095000	2020	03	15	09:50	19.3	71.4	0
20200315T095500	2020	03	15	09:55	19.3	71.4	0
20200315T100000	2020	03	15	10:00	19	72.1	0
20200315T100500	2020	03	15	10:05	19.1	72.2	0
20200315T101000	2020	03	15	10:10	19.2	73	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200315T101500	2020	03	15	10:15	19.1	72.1	0
20200315T102000	2020	03	15	10:20	19.7	71.8	0
20200315T102500	2020	03	15	10:25	19.3	70.4	0
20200315T103000	2020	03	15	10:30	19.5	70.4	0
20200315T103500	2020	03	15	10:35	20	70.7	0
20200315T104000	2020	03	15	10:40	19.5	69.4	0
20200315T104500	2020	03	15	10:45	19.6	70.1	0
20200315T105000	2020	03	15	10:50	19.5	68.8	0
20200315T105500	2020	03	15	10:55	20.3	68.7	0
20200315T110000	2020	03	15	11:00	20	66.2	0
20200315T110500	2020	03	15	11:05	19.8	65.7	0
20200315T111000	2020	03	15	11:10	19.5	65.9	0
20200315T111500	2020	03	15	11:15	19.9	66.8	0
20200315T112000	2020	03	15	11:20	19.8	65.6	0
20200315T112500	2020	03	15	11:25	20.2	66.5	0
20200315T113000	2020	03	15	11:30	20	66.5	0
20200315T113500	2020	03	15	11:35	20.9	66.3	0
20200315T114000	2020	03	15	11:40	20.2	65.7	0
20200315T114500	2020	03	15	11:45	20.5	65.9	0
20200315T115000	2020	03	15	11:50	20.6	65.5	0
20200315T115500	2020	03	15	11:55	20.9	65.4	0
20200315T120000	2020	03	15	12:00	20.6	64.7	0
20200315T120500	2020	03	15	12:05	20.3	64.8	0
20200315T121000	2020	03	15	12:10	21.5	65.1	0
20200315T121500	2020	03	15	12:15	21.9	63.9	0
20200315T122000	2020	03	15	12:20	21.7	63.3	0
20200315T122500	2020	03	15	12:25	21.7	63.5	0
20200315T123000	2020	03	15	12:30	22	63.3	0
20200315T123500	2020	03	15	12:35	22.2	62.9	0
20200315T124000	2020	03	15	12:40	23.3	62.7	0
20200315T124500	2020	03	15	12:45	22.7	61.2	0
20200315T125000	2020	03	15	12:50	22.5	61.4	0
20200315T125500	2020	03	15	12:55	22.4	60.9	0
20200315T130000	2020	03	15	13:00	22.9	62	0
20200315T130500	2020	03	15	13:05	23.3	59.7	0
20200315T131000	2020	03	15	13:10	24	61.3	0
20200315T131500	2020	03	15	13:15	23.7	60.3	0
20200315T132000	2020	03	15	13:20	23.9	59.9	0
20200315T132500	2020	03	15	13:25	24.5	59.4	0
20200315T133000	2020	03	15	13:30	24.8	58.6	0
20200315T133500	2020	03	15	13:35	24.2	56.9	0
20200315T134000	2020	03	15	13:40	24.6	57.8	0
20200315T134500	2020	03	15	13:45	24	57.2	0
20200315T135000	2020	03	15	13:50	25.1	58.2	0
20200315T135500	2020	03	15	13:55	25.1	56.1	0
20200315T140000	2020	03	15	14:00	25.3	55.7	0
20200315T140500	2020	03	15	14:05	25.7	56.3	0
20200315T141000	2020	03	15	14:10	25.6	56	0
20200315T141500	2020	03	15	14:15	25.2	55	0
20200315T142000	2020	03	15	14:20	25.1	52.3	0
20200315T142500	2020	03	15	14:25	26	53.5	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200315T143000	2020	03	15	14:30	26	53.6	0
20200315T143500	2020	03	15	14:35	26.1	52.8	0
20200315T144000	2020	03	15	14:40	26.2	52.5	0
20200315T144500	2020	03	15	14:45	25.7	52.2	0
20200315T145000	2020	03	15	14:50	25.4	51.4	0
20200315T145500	2020	03	15	14:55	26.3	53.3	0
20200315T150000	2020	03	15	15:00	26.4	51.4	0
20200315T150500	2020	03	15	15:05	26.6	50.4	0
20200315T151000	2020	03	15	15:10	26	49.9	0
20200315T151500	2020	03	15	15:15	26.4	52	0
20200315T152000	2020	03	15	15:20	26	52.1	0
20200315T152500	2020	03	15	15:25	26.2	51	0
20200315T153000	2020	03	15	15:30	26.3	50.2	0
20200315T153500	2020	03	15	15:35	26.2	51.1	0
20200315T154000	2020	03	15	15:40	26.2	50.6	0
20200315T154500	2020	03	15	15:45	26.9	50.5	0
20200315T155000	2020	03	15	15:50	26.4	49.8	0
20200315T155500	2020	03	15	15:55	26.4	49.7	0
20200315T160000	2020	03	15	16:00	26.6	49.6	0
20200315T160500	2020	03	15	16:05	26.3	48.4	0
20200315T161000	2020	03	15	16:10	26.4	48.6	0
20200315T161500	2020	03	15	16:15	26.6	48.3	0
20200315T162000	2020	03	15	16:20	26.2	46.9	0
20200315T162500	2020	03	15	16:25	25.9	45.4	0
20200315T163000	2020	03	15	16:30	26.3	45.1	0
20200315T163500	2020	03	15	16:35	26.5	45.7	0
20200315T164000	2020	03	15	16:40	26.1	43.6	0
20200315T164500	2020	03	15	16:45	26.1	42.5	0
20200315T165000	2020	03	15	16:50	25.9	41.9	0
20200315T165500	2020	03	15	16:55	26.1	41.3	0
20200315T170000	2020	03	15	17:00	25.9	41.3	0
20200315T170500	2020	03	15	17:05	26.1	40.3	0
20200315T171000	2020	03	15	17:10	26	41.7	0
20200315T171500	2020	03	15	17:15	26.3	42	0
20200315T172000	2020	03	15	17:20	26.2	42.6	0
20200315T172500	2020	03	15	17:25	25.8	39.2	0
20200315T173000	2020	03	15	17:30	26	41.4	0
20200315T173500	2020	03	15	17:35	26	42.9	0
20200315T174000	2020	03	15	17:40	26	43	0
20200315T174500	2020	03	15	17:45	25.7	41.7	0
20200315T175000	2020	03	15	17:50	25.9	42.9	0
20200315T175500	2020	03	15	17:55	25.6	42.1	0
20200315T180000	2020	03	15	18:00	25.7	42.4	0
20200315T180500	2020	03	15	18:05	25.8	44.1	0
20200315T181000	2020	03	15	18:10	25.5	42.1	0
20200315T181500	2020	03	15	18:15	25.4	41.8	0
20200315T182000	2020	03	15	18:20	25.3	41.1	0
20200315T182500	2020	03	15	18:25	25.1	40	0
20200315T183000	2020	03	15	18:30	25.1	40.8	0
20200315T183500	2020	03	15	18:35	24.9	38.8	0
20200315T184000	2020	03	15	18:40	24.9	42.1	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200315T184500	2020	03	15	18:45	24.7	41.8	0
20200315T185000	2020	03	15	18:50	24.5	42.9	0
20200315T185500	2020	03	15	18:55	24.5	42.6	0
20200315T190000	2020	03	15	19:00	24.3	42	0
20200315T190500	2020	03	15	19:05	24	42.9	0
20200315T191000	2020	03	15	19:10	23.7	42.1	0
20200315T191500	2020	03	15	19:15	23.4	42.1	0
20200315T192000	2020	03	15	19:20	23.1	42.6	0
20200315T192500	2020	03	15	19:25	23.3	42.1	0
20200315T193000	2020	03	15	19:30	23.2	41.7	0
20200315T193500	2020	03	15	19:35	23	42.1	0
20200315T194000	2020	03	15	19:40	23.2	41.7	0
20200315T194500	2020	03	15	19:45	23	41.6	0
20200315T195000	2020	03	15	19:50	23.2	41.2	0
20200315T195500	2020	03	15	19:55	23.4	42	0
20200315T200000	2020	03	15	20:00	23.5	41.5	0
20200315T200500	2020	03	15	20:05	23.4	40.9	0
20200315T201000	2020	03	15	20:10	23.3	43.3	0
20200315T201500	2020	03	15	20:15	23.2	44.8	0
20200315T202000	2020	03	15	20:20	23.3	43.7	0
20200315T202500	2020	03	15	20:25	23.3	45.8	0
20200315T203000	2020	03	15	20:30	23	48.8	0
20200315T203500	2020	03	15	20:35	22.6	50.9	0
20200315T204000	2020	03	15	20:40	22.3	50.6	0
20200315T204500	2020	03	15	20:45	22.2	48.4	0
20200315T205000	2020	03	15	20:50	21.9	52.3	0
20200315T205500	2020	03	15	20:55	21.3	53.2	0
20200315T210000	2020	03	15	21:00	21	54.3	0
20200315T210500	2020	03	15	21:05	21.3	52.6	0
20200315T211000	2020	03	15	21:10	21.1	53.4	0
20200315T211500	2020	03	15	21:15	21.3	52.9	0
20200315T212000	2020	03	15	21:20	21.2	53.3	0
20200315T212500	2020	03	15	21:25	21	53.4	0
20200315T213000	2020	03	15	21:30	20.9	54.3	0
20200315T213500	2020	03	15	21:35	20.9	54.1	0
20200315T214000	2020	03	15	21:40	20.9	54.6	0
20200315T214500	2020	03	15	21:45	21	53.8	0
20200315T215000	2020	03	15	21:50	21.1	53	0
20200315T215500	2020	03	15	21:55	21.4	51.6	0
20200315T220000	2020	03	15	22:00	21.5	51	0
20200315T220500	2020	03	15	22:05	21.4	50.7	0
20200315T221000	2020	03	15	22:10	21	54.8	0
20200315T221500	2020	03	15	22:15	21.2	54.2	0
20200315T222000	2020	03	15	22:20	21.2	54.3	0
20200315T222500	2020	03	15	22:25	21.2	55.3	0
20200315T223000	2020	03	15	22:30	20.6	58.3	0
20200315T223500	2020	03	15	22:35	20.7	57.1	0
20200315T224000	2020	03	15	22:40	20.9	54.3	0
20200315T224500	2020	03	15	22:45	20.7	55.7	0
20200315T225000	2020	03	15	22:50	20.6	56.6	0
20200315T225500	2020	03	15	22:55	20.8	56.3	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200315T230000	2020	03	15	23:00	20.8	56.1	0
20200315T230500	2020	03	15	23:05	20.9	55.4	0
20200315T231000	2020	03	15	23:10	20.9	55	0
20200315T231500	2020	03	15	23:15	20.9	55.6	0
20200315T232000	2020	03	15	23:20	20.8	56.2	0
20200315T232500	2020	03	15	23:25	20.1	58	0
20200315T233000	2020	03	15	23:30	19.4	62.5	0
20200315T233500	2020	03	15	23:35	20.2	64.9	0
20200315T234000	2020	03	15	23:40	20.2	64.2	0
20200315T234500	2020	03	15	23:45	20.2	63.2	0
20200315T235000	2020	03	15	23:50	19.8	65.1	0
20200315T235500	2020	03	15	23:55	19.9	66.9	0
20200316T000000	2020	03	16	00:00	20.2	65.1	0
20200316T000500	2020	03	16	00:05	19.8	63.7	0
20200316T001000	2020	03	16	00:10	19.5	65.8	0
20200316T001500	2020	03	16	00:15	19.4	67.5	0
20200316T002000	2020	03	16	00:20	19	67.1	0
20200316T002500	2020	03	16	00:25	18.6	67.4	0
20200316T003000	2020	03	16	00:30	18.5	70.3	0
20200316T003500	2020	03	16	00:35	18.3	72.2	0
20200316T004000	2020	03	16	00:40	18.3	71.3	0
20200316T004500	2020	03	16	00:45	18.7	69.3	0
20200316T005000	2020	03	16	00:50	18.8	67.4	0
20200316T005500	2020	03	16	00:55	18.7	67.8	0
20200316T010000	2020	03	16	01:00	18.7	67.9	0
20200316T010500	2020	03	16	01:05	18.6	69.5	0
20200316T011000	2020	03	16	01:10	18.3	67.5	0
20200316T011500	2020	03	16	01:15	18.6	67	0
20200316T012000	2020	03	16	01:20	18.8	65	0
20200316T012500	2020	03	16	01:25	16.9	67.2	0
20200316T013000	2020	03	16	01:30	15.6	73.9	0
20200316T013500	2020	03	16	01:35	15.2	75.3	0
20200316T014000	2020	03	16	01:40	14.4	78.8	0
20200316T014500	2020	03	16	01:45	14.1	80.9	0
20200316T015000	2020	03	16	01:50	14	81.7	0
20200316T015500	2020	03	16	01:55	14.1	81.9	0
20200316T020000	2020	03	16	02:00	15.4	79.8	0
20200316T020500	2020	03	16	02:05	15.3	75.6	0
20200316T021000	2020	03	16	02:10	15.3	74.8	0
20200316T021500	2020	03	16	02:15	14.8	73.9	0
20200316T022000	2020	03	16	02:20	14.6	73.5	0
20200316T022500	2020	03	16	02:25	14.3	74.2	0
20200316T023000	2020	03	16	02:30	14.3	76.3	0
20200316T023500	2020	03	16	02:35	15.3	74.1	0
20200316T024000	2020	03	16	02:40	15.2	72.4	0
20200316T024500	2020	03	16	02:45	15.1	71.7	0
20200316T025000	2020	03	16	02:50	14.4	72.5	0
20200316T025500	2020	03	16	02:55	14.2	73.7	0
20200316T030000	2020	03	16	03:00	14	74.3	0
20200316T030500	2020	03	16	03:05	14.3	73.2	0
20200316T031000	2020	03	16	03:10	14	71.8	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200316T031500	2020	03	16	03:15	13.5	71.9	0
20200316T032000	2020	03	16	03:20	13.5	72.6	0
20200316T032500	2020	03	16	03:25	14.3	70.6	0
20200316T033000	2020	03	16	03:30	14.3	68.5	0
20200316T033500	2020	03	16	03:35	14.3	67.2	0
20200316T034000	2020	03	16	03:40	14	69.1	0
20200316T034500	2020	03	16	03:45	13.5	72.8	0
20200316T035000	2020	03	16	03:50	13.3	75.4	0
20200316T035500	2020	03	16	03:55	12.8	76.7	0
20200316T040000	2020	03	16	04:00	12.9	77.4	0
20200316T040500	2020	03	16	04:05	13.2	77.9	0
20200316T041000	2020	03	16	04:10	12.9	78.2	0
20200316T041500	2020	03	16	04:15	12.5	79.4	0
20200316T042000	2020	03	16	04:20	12.7	78.9	0
20200316T042500	2020	03	16	04:25	13	76.7	0
20200316T043000	2020	03	16	04:30	13.4	76.3	0
20200316T043500	2020	03	16	04:35	13.2	76.1	0
20200316T044000	2020	03	16	04:40	13	76.3	0
20200316T044500	2020	03	16	04:45	12.9	77	0
20200316T045000	2020	03	16	04:50	12.9	76.8	0
20200316T045500	2020	03	16	04:55	13.4	76.4	0
20200316T050000	2020	03	16	05:00	14.1	74.2	0
20200316T050500	2020	03	16	05:05	13.9	72	0
20200316T051000	2020	03	16	05:10	13.3	72.4	0
20200316T051500	2020	03	16	05:15	13.9	72.3	0
20200316T052000	2020	03	16	05:20	14.4	70.9	0
20200316T052500	2020	03	16	05:25	14.5	70.1	0
20200316T053000	2020	03	16	05:30	14.5	69.8	0
20200316T053500	2020	03	16	05:35	14.6	70	0
20200316T054000	2020	03	16	05:40	14.4	70	0
20200316T054500	2020	03	16	05:45	14	71.6	0
20200316T055000	2020	03	16	05:50	13.5	72.1	0
20200316T055500	2020	03	16	05:55	13.4	72.6	0
20200316T060000	2020	03	16	06:00	12.9	73.1	0
20200316T060500	2020	03	16	06:05	13.1	75	0
20200316T061000	2020	03	16	06:10	13	74.3	0
20200316T061500	2020	03	16	06:15	13.2	72.6	0
20200316T062000	2020	03	16	06:20	13.3	71.1	0
20200316T062500	2020	03	16	06:25	13.3	70.6	0
20200316T063000	2020	03	16	06:30	13.1	69.6	0
20200316T063500	2020	03	16	06:35	12.8	70.5	0
20200316T064000	2020	03	16	06:40	12.7	71.3	0
20200316T064500	2020	03	16	06:45	12.5	71.9	0
20200316T065000	2020	03	16	06:50	12.5	72.7	0
20200316T065500	2020	03	16	06:55	12.5	72.9	0
20200316T070000	2020	03	16	07:00	12.9	72.7	0
20200316T070500	2020	03	16	07:05	13	72.1	0
20200316T071000	2020	03	16	07:10	12.8	71.9	0
20200316T071500	2020	03	16	07:15	12.8	72.9	0
20200316T072000	2020	03	16	07:20	13.5	71.8	0
20200316T072500	2020	03	16	07:25	13.8	69.8	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200316T073000	2020	03	16	07:30	13.9	71.3	0
20200316T073500	2020	03	16	07:35	14.6	68.3	0
20200316T074000	2020	03	16	07:40	14.8	67.6	0
20200316T074500	2020	03	16	07:45	15.1	68	0
20200316T075000	2020	03	16	07:50	15.4	67.2	0
20200316T075500	2020	03	16	07:55	15.5	65.6	0
20200316T080000	2020	03	16	08:00	15.8	64.5	0
20200316T080500	2020	03	16	08:05	16.2	65.3	0
20200316T081000	2020	03	16	08:10	16.5	64.7	0
20200316T081500	2020	03	16	08:15	16.9	63.8	0
20200316T082000	2020	03	16	08:20	17.4	63.6	0
20200316T082500	2020	03	16	08:25	17.6	63.2	0
20200316T083000	2020	03	16	08:30	17.7	62.1	0
20200316T083500	2020	03	16	08:35	18.2	62.3	0
20200316T084000	2020	03	16	08:40	18.8	61.2	0
20200316T084500	2020	03	16	08:45	19.4	57.5	0
20200316T085000	2020	03	16	08:50	19.6	54.5	0
20200316T085500	2020	03	16	08:55	19.9	54.1	0
20200316T090000	2020	03	16	09:00	20.3	53.8	0
20200316T090500	2020	03	16	09:05	20.7	53.1	0
20200316T091000	2020	03	16	09:10	21	51.7	0
20200316T091500	2020	03	16	09:15	21.5	51.3	0
20200316T092000	2020	03	16	09:20	21.6	49.8	0
20200316T092500	2020	03	16	09:25	22.1	49.7	0
20200316T093000	2020	03	16	09:30	22.4	47.8	0
20200316T093500	2020	03	16	09:35	23.1	47.9	0
20200316T094000	2020	03	16	09:40	23.5	46.4	0
20200316T094500	2020	03	16	09:45	23.8	44.9	0
20200316T095000	2020	03	16	09:50	24.1	44.7	0
20200316T095500	2020	03	16	09:55	24.9	46.8	0
20200316T100000	2020	03	16	10:00	24.9	46.8	0
20200316T100500	2020	03	16	10:05	24.6	47.4	0
20200316T101000	2020	03	16	10:10	25.3	49.4	0
20200316T101500	2020	03	16	10:15	24.6	47	0
20200316T102000	2020	03	16	10:20	25.2	47.9	0
20200316T102500	2020	03	16	10:25	25.2	47.7	0
20200316T103000	2020	03	16	10:30	26.1	48.9	0
20200316T103500	2020	03	16	10:35	25.9	48.6	0
20200316T104000	2020	03	16	10:40	26.1	47.5	0
20200316T104500	2020	03	16	10:45	26.4	46.8	0
20200316T105000	2020	03	16	10:50	26.4	46.4	0
20200316T105500	2020	03	16	10:55	26.8	48	0
20200316T110000	2020	03	16	11:00	27.3	46.1	0
20200316T110500	2020	03	16	11:05	27.9	45	0
20200316T111000	2020	03	16	11:10	28.2	43.2	0
20200316T111500	2020	03	16	11:15	27.8	41.8	0
20200316T112000	2020	03	16	11:20	27.9	43.3	0
20200316T112500	2020	03	16	11:25	28.2	43.6	0
20200316T113000	2020	03	16	11:30	29.5	44.3	0
20200316T113500	2020	03	16	11:35	29.8	42.7	0
20200316T114000	2020	03	16	11:40	29.5	42	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200316T114500	2020	03	16	11:45	29.5	42.5	0
20200316T115000	2020	03	16	11:50	29.5	40.9	0
20200316T115500	2020	03	16	11:55	30.3	42.5	0
20200316T120000	2020	03	16	12:00	29.8	41.8	0
20200316T120500	2020	03	16	12:05	30.4	40.4	0
20200316T121000	2020	03	16	12:10	30.9	39.8	0
20200316T121500	2020	03	16	12:15	31	37.2	0
20200316T122000	2020	03	16	12:20	31.2	39.6	0
20200316T122500	2020	03	16	12:25	30.5	41.5	0
20200316T123000	2020	03	16	12:30	31.7	39.6	0
20200316T123500	2020	03	16	12:35	31.2	39.4	0
20200316T124000	2020	03	16	12:40	31.3	40.4	0
20200316T124500	2020	03	16	12:45	31.2	40	0
20200316T125000	2020	03	16	12:50	31.6	40.3	0
20200316T125500	2020	03	16	12:55	32	40.2	0
20200316T130000	2020	03	16	13:00	32.2	38.1	0
20200316T130500	2020	03	16	13:05	32	37.8	0
20200316T131000	2020	03	16	13:10	32.6	40.1	0
20200316T131500	2020	03	16	13:15	32.2	39.7	0
20200316T132000	2020	03	16	13:20	32.6	38.8	0
20200316T132500	2020	03	16	13:25	32.5	39.4	0
20200316T133000	2020	03	16	13:30	32.9	38.7	0
20200316T133500	2020	03	16	13:35	32.9	37	0
20200316T134000	2020	03	16	13:40	32.9	38.2	0
20200316T134500	2020	03	16	13:45	32.7	39.7	0
20200316T135000	2020	03	16	13:50	32.4	40.6	0
20200316T135500	2020	03	16	13:55	32.5	39.3	0
20200316T140000	2020	03	16	14:00	32.9	41.6	0
20200316T140500	2020	03	16	14:05	32.6	41.4	0
20200316T141000	2020	03	16	14:10	32.7	42.9	0
20200316T141500	2020	03	16	14:15	32.6	43.4	0
20200316T142000	2020	03	16	14:20	32.4	41.8	0
20200316T142500	2020	03	16	14:25	32.3	43.1	0
20200316T143000	2020	03	16	14:30	32.7	41.8	0
20200316T143500	2020	03	16	14:35	33.2	41.8	0
20200316T144000	2020	03	16	14:40	33.1	42.2	0
20200316T144500	2020	03	16	14:45	33.6	41.8	0
20200316T145000	2020	03	16	14:50	34	40.2	0
20200316T145500	2020	03	16	14:55	33.9	41.4	0
20200316T150000	2020	03	16	15:00	33.8	41	0
20200316T150500	2020	03	16	15:05	34	39.9	0
20200316T151000	2020	03	16	15:10	34	41.2	0
20200316T151500	2020	03	16	15:15	33.7	40.8	0
20200316T152000	2020	03	16	15:20	33.7	39.6	0
20200316T152500	2020	03	16	15:25	34.1	40.5	0
20200316T153000	2020	03	16	15:30	34.3	39.8	0
20200316T153500	2020	03	16	15:35	34.3	41.9	0
20200316T154000	2020	03	16	15:40	33.8	40.5	0
20200316T154500	2020	03	16	15:45	33.5	41.3	0
20200316T155000	2020	03	16	15:50	33.4	41.9	0
20200316T155500	2020	03	16	15:55	33.7	41.5	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200316T160000	2020	03	16	16:00	33.9	40.7	0
20200316T160500	2020	03	16	16:05	34.2	41.3	0
20200316T161000	2020	03	16	16:10	34.5	40.1	0
20200316T161500	2020	03	16	16:15	34.5	39.6	0
20200316T162000	2020	03	16	16:20	34.2	40.5	0
20200316T162500	2020	03	16	16:25	34.1	41.1	0
20200316T163000	2020	03	16	16:30	34.4	41	0
20200316T163500	2020	03	16	16:35	34.7	39.8	0
20200316T164000	2020	03	16	16:40	34.5	41	0
20200316T164500	2020	03	16	16:45	34.2	41.3	0
20200316T165000	2020	03	16	16:50	34.4	40.7	0
20200316T165500	2020	03	16	16:55	34.3	41.7	0
20200316T170000	2020	03	16	17:00	33.4	42.8	0
20200316T170500	2020	03	16	17:05	32.9	44.3	0
20200316T171000	2020	03	16	17:10	33	45.1	0
20200316T171500	2020	03	16	17:15	33.1	44.6	0
20200316T172000	2020	03	16	17:20	33.2	43	0
20200316T172500	2020	03	16	17:25	33.4	43.5	0
20200316T173000	2020	03	16	17:30	33.4	42.1	0
20200316T173500	2020	03	16	17:35	33.5	41.7	0
20200316T174000	2020	03	16	17:40	33.6	41.1	0
20200316T174500	2020	03	16	17:45	33.6	42.1	0
20200316T175000	2020	03	16	17:50	33.3	41.7	0
20200316T175500	2020	03	16	17:55	33	42.2	0
20200316T180000	2020	03	16	18:00	33	42.7	0
20200316T180500	2020	03	16	18:05	33.1	41.8	0
20200316T181000	2020	03	16	18:10	33.2	42.1	0
20200316T181500	2020	03	16	18:15	33	44.2	0
20200316T182000	2020	03	16	18:20	33.1	42.7	0
20200316T182500	2020	03	16	18:25	33	42.1	0
20200316T183000	2020	03	16	18:30	33	40.7	0
20200316T183500	2020	03	16	18:35	33.1	39.4	0
20200316T184000	2020	03	16	18:40	33	39.3	0
20200316T184500	2020	03	16	18:45	32.6	40.4	0
20200316T185000	2020	03	16	18:50	31.8	46.8	0
20200316T185500	2020	03	16	18:55	31.7	46.8	0
20200316T190000	2020	03	16	19:00	31.8	46.7	0
20200316T190500	2020	03	16	19:05	31.8	45.7	0
20200316T191000	2020	03	16	19:10	31.2	52	0
20200316T191500	2020	03	16	19:15	31.1	52.4	0
20200316T192000	2020	03	16	19:20	31.1	50.6	0
20200316T192500	2020	03	16	19:25	30.7	49.1	0
20200316T193000	2020	03	16	19:30	30.8	47.8	0
20200316T193500	2020	03	16	19:35	30.8	47.6	0
20200316T194000	2020	03	16	19:40	30.7	48.2	0
20200316T194500	2020	03	16	19:45	30.6	48.5	0
20200316T195000	2020	03	16	19:50	30.4	53.2	0
20200316T195500	2020	03	16	19:55	30.4	54.1	0
20200316T200000	2020	03	16	20:00	30.2	53	0
20200316T200500	2020	03	16	20:05	29.9	58	0
20200316T201000	2020	03	16	20:10	29.7	57.9	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200316T201500	2020	03	16	20:15	29.7	59	0
20200316T202000	2020	03	16	20:20	29.1	60.8	0
20200316T202500	2020	03	16	20:25	28.5	62.6	0
20200316T203000	2020	03	16	20:30	28.1	63.1	0
20200316T203500	2020	03	16	20:35	28.3	64	0
20200316T204000	2020	03	16	20:40	28.6	59.8	0
20200316T204500	2020	03	16	20:45	29.3	54.7	0
20200316T205000	2020	03	16	20:50	29.4	55.6	0
20200316T205500	2020	03	16	20:55	29.7	53.5	0
20200316T210000	2020	03	16	21:00	30.5	50.2	0
20200316T210500	2020	03	16	21:05	29	53.9	0
20200316T211000	2020	03	16	21:10	28.7	58.6	0
20200316T211500	2020	03	16	21:15	28.7	65.8	0
20200316T212000	2020	03	16	21:20	28.9	68	0
20200316T212500	2020	03	16	21:25	28.8	68.5	0
20200316T213000	2020	03	16	21:30	28.6	69.6	0
20200316T213500	2020	03	16	21:35	28.7	66.4	0
20200316T214000	2020	03	16	21:40	29.1	66.1	0
20200316T214500	2020	03	16	21:45	31.1	56.8	0
20200316T215000	2020	03	16	21:50	31.5	51.6	0
20200316T215500	2020	03	16	21:55	32.9	47.1	0
20200316T220000	2020	03	16	22:00	34.5	42.4	0
20200316T220500	2020	03	16	22:05	35.3	41.1	0
20200316T221000	2020	03	16	22:10	35.3	41.1	0
20200316T221500	2020	03	16	22:15	35.5	40.5	0
20200316T222000	2020	03	16	22:20	35.8	39.2	0
20200316T222500	2020	03	16	22:25	35.6	39.8	0
20200316T223000	2020	03	16	22:30	35.8	39.3	0
20200316T223500	2020	03	16	22:35	35.5	39.9	0
20200316T224000	2020	03	16	22:40	35.6	38.9	0
20200316T224500	2020	03	16	22:45	35.6	38.4	0
20200316T225000	2020	03	16	22:50	35.6	38.5	0
20200316T225500	2020	03	16	22:55	35.8	37.9	0
20200316T230000	2020	03	16	23:00	35.9	37.7	0
20200316T230500	2020	03	16	23:05	36.2	36.9	0
20200316T231000	2020	03	16	23:10	36.1	37.5	0
20200316T231500	2020	03	16	23:15	36.3	37.4	0
20200316T232000	2020	03	16	23:20	36.5	37.1	0
20200316T232500	2020	03	16	23:25	36.5	37.3	0
20200316T233000	2020	03	16	23:30	36.7	36.9	0
20200316T233500	2020	03	16	23:35	37	36.6	0
20200316T234000	2020	03	16	23:40	37.1	36.8	0
20200316T234500	2020	03	16	23:45	36.9	37.6	0
20200316T235000	2020	03	16	23:50	37.1	37.1	0
20200316T235500	2020	03	16	23:55	37	37.8	0
20200317T000000	2020	03	17	00:00	37.1	37.4	0
20200317T000500	2020	03	17	00:05	37	38.3	0
20200317T001000	2020	03	17	00:10	37	38.5	0
20200317T001500	2020	03	17	00:15	37	38.6	0
20200317T002000	2020	03	17	00:20	37.1	38.6	0
20200317T002500	2020	03	17	00:25	37	39.5	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200317T003000	2020	03	17	00:30	37.1	39.3	0
20200317T003500	2020	03	17	00:35	37	39.8	0
20200317T004000	2020	03	17	00:40	37.1	39.9	0
20200317T004500	2020	03	17	00:45	37.1	40.2	0
20200317T005000	2020	03	17	00:50	37.2	40.6	0
20200317T005500	2020	03	17	00:55	36.9	41.7	0
20200317T010000	2020	03	17	01:00	37.3	41.2	0
20200317T010500	2020	03	17	01:05	37.2	41.7	0
20200317T011000	2020	03	17	01:10	37.3	42.1	0
20200317T011500	2020	03	17	01:15	37.4	42.2	0
20200317T012000	2020	03	17	01:20	37.7	42.4	0
20200317T012500	2020	03	17	01:25	37.7	43.1	0
20200317T013000	2020	03	17	01:30	37.8	43.5	0
20200317T013500	2020	03	17	01:35	37.9	43.8	0
20200317T014000	2020	03	17	01:40	37.8	44.8	0
20200317T014500	2020	03	17	01:45	38.1	44.4	0
20200317T015000	2020	03	17	01:50	38	45.2	0
20200317T015500	2020	03	17	01:55	38.1	45	0
20200317T020000	2020	03	17	02:00	38.1	46	0
20200317T020500	2020	03	17	02:05	38	46.5	0
20200317T021000	2020	03	17	02:10	38.1	46.6	0
20200317T021500	2020	03	17	02:15	38.2	46.9	0
20200317T022000	2020	03	17	02:20	38.2	48.2	0
20200317T022500	2020	03	17	02:25	38.1	48.7	0
20200317T023000	2020	03	17	02:30	38.1	49.2	0
20200317T023500	2020	03	17	02:35	38.2	49.6	0
20200317T024000	2020	03	17	02:40	37.9	49.5	0
20200317T024500	2020	03	17	02:45	37.9	51	0
20200317T025000	2020	03	17	02:50	37.9	51.7	0
20200317T025500	2020	03	17	02:55	37.9	52.3	0
20200317T030000	2020	03	17	03:00	37.8	52.8	0
20200317T030500	2020	03	17	03:05	37.8	53.2	0
20200317T031000	2020	03	17	03:10	37.7	54.2	0
20200317T031500	2020	03	17	03:15	37.6	54.8	0
20200317T032000	2020	03	17	03:20	37.5	56.5	0
20200317T032500	2020	03	17	03:25	37.3	57.7	0
20200317T033000	2020	03	17	03:30	37.3	58.3	0
20200317T033500	2020	03	17	03:35	37.2	59.6	0
20200317T034000	2020	03	17	03:40	36.8	63.5	0
20200317T034500	2020	03	17	03:45	36.3	66.9	0
20200317T035000	2020	03	17	03:50	36	69.6	0
20200317T035500	2020	03	17	03:55	35.8	71.5	0
20200317T040000	2020	03	17	04:00	35.7	72.6	0
20200317T040500	2020	03	17	04:05	35.7	72.5	0
20200317T041000	2020	03	17	04:10	35.9	72	0
20200317T041500	2020	03	17	04:15	36	71.7	0
20200317T042000	2020	03	17	04:20	36.1	71.1	0
20200317T042500	2020	03	17	04:25	36.2	70.8	0
20200317T043000	2020	03	17	04:30	36.2	71.1	0
20200317T043500	2020	03	17	04:35	36.2	71.7	0
20200317T044000	2020	03	17	04:40	36.1	72.3	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200317T044500	2020	03	17	04:45	36.1	72.7	0
20200317T045000	2020	03	17	04:50	36.3	71.8	0
20200317T045500	2020	03	17	04:55	36.3	71.4	0
20200317T050000	2020	03	17	05:00	36.2	71.4	0
20200317T050500	2020	03	17	05:05	36.3	70.7	0
20200317T051000	2020	03	17	05:10	36.5	69.5	0
20200317T051500	2020	03	17	05:15	36.5	69.6	0
20200317T052000	2020	03	17	05:20	36.5	69.7	0
20200317T052500	2020	03	17	05:25	36.7	69	0
20200317T053000	2020	03	17	05:30	36.6	68.9	0
20200317T053500	2020	03	17	05:35	36.7	69.2	0
20200317T054000	2020	03	17	05:40	36.7	68.9	0
20200317T054500	2020	03	17	05:45	36.8	68.8	0
20200317T055000	2020	03	17	05:50	36.8	69.1	0
20200317T055500	2020	03	17	05:55	36.8	69.1	0
20200317T060000	2020	03	17	06:00	36.8	69.3	0
20200317T060500	2020	03	17	06:05	36.8	69.3	0
20200317T061000	2020	03	17	06:10	36.8	69.5	0
20200317T061500	2020	03	17	06:15	36.8	69.8	0
20200317T062000	2020	03	17	06:20	36.6	70.4	0
20200317T062500	2020	03	17	06:25	36.6	70.6	0
20200317T063000	2020	03	17	06:30	36.6	70.6	0
20200317T063500	2020	03	17	06:35	36.6	70.6	0
20200317T064000	2020	03	17	06:40	36.7	70.5	0
20200317T064500	2020	03	17	06:45	36.7	70.4	0
20200317T065000	2020	03	17	06:50	36.6	70.5	0
20200317T065500	2020	03	17	06:55	36.6	70.6	0
20200317T070000	2020	03	17	07:00	36.7	70.4	0
20200317T070500	2020	03	17	07:05	36.7	70.5	0
20200317T071000	2020	03	17	07:10	36.7	71.1	0
20200317T071500	2020	03	17	07:15	36.6	71.3	0
20200317T072000	2020	03	17	07:20	36.5	72	0
20200317T072500	2020	03	17	07:25	36.5	72.7	0
20200317T073000	2020	03	17	07:30	36.5	72.9	0
20200317T073500	2020	03	17	07:35	36.5	73.5	0
20200317T074000	2020	03	17	07:40	36.4	73.9	0
20200317T074500	2020	03	17	07:45	36.5	74.4	0
20200317T075000	2020	03	17	07:50	36.7	74	0
20200317T075500	2020	03	17	07:55	36.7	74.1	0
20200317T080000	2020	03	17	08:00	36.7	74.3	0
20200317T080500	2020	03	17	08:05	36.6	75.3	0
20200317T081000	2020	03	17	08:10	36.6	75.6	0
20200317T081500	2020	03	17	08:15	36.7	76	0
20200317T082000	2020	03	17	08:20	36.6	76.6	0
20200317T082500	2020	03	17	08:25	36.7	76.7	0
20200317T083000	2020	03	17	08:30	36.7	77.2	0
20200317T083500	2020	03	17	08:35	36.7	77.9	0
20200317T084000	2020	03	17	08:40	36.6	78.1	0
20200317T084500	2020	03	17	08:45	36.6	78.9	0
20200317T085000	2020	03	17	08:50	36.6	79.1	0
20200317T085500	2020	03	17	08:55	36.8	79.2	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200317T090000	2020	03	17	09:00	36.9	78.9	0
20200317T090500	2020	03	17	09:05	37.1	78.3	0
20200317T091000	2020	03	17	09:10	37.4	77.4	0
20200317T091500	2020	03	17	09:15	37.5	77.2	0
20200317T092000	2020	03	17	09:20	37.7	77.1	0
20200317T092500	2020	03	17	09:25	37.8	77	0
20200317T093000	2020	03	17	09:30	37.9	77.2	0
20200317T093500	2020	03	17	09:35	38	77.3	0
20200317T094000	2020	03	17	09:40	38.1	77.6	0
20200317T094500	2020	03	17	09:45	38	78	0
20200317T095000	2020	03	17	09:50	38.1	78.3	0
20200317T095500	2020	03	17	09:55	37.9	79.1	0
20200317T100000	2020	03	17	10:00	37.7	80.8	0.004
20200317T100500	2020	03	17	10:05	37.6	82	0
20200317T101000	2020	03	17	10:10	37.6	82.4	0
20200317T101500	2020	03	17	10:15	37.7	82.5	0.003
20200317T102000	2020	03	17	10:20	37.9	82.2	0.002
20200317T102500	2020	03	17	10:25	37.6	84.3	0.003
20200317T103000	2020	03	17	10:30	37.7	84.5	0
20200317T103500	2020	03	17	10:35	37.8	84.3	0
20200317T104000	2020	03	17	10:40	38.1	83.6	0
20200317T104500	2020	03	17	10:45	38	83.4	0.003
20200317T105000	2020	03	17	10:50	38.1	83.9	0.002
20200317T105500	2020	03	17	10:55	38.1	84.7	0.002
20200317T110000	2020	03	17	11:00	38.4	84.7	0
20200317T110500	2020	03	17	11:05	38.5	84	0
20200317T111000	2020	03	17	11:10	38.5	83.8	0
20200317T111500	2020	03	17	11:15	38.6	83.1	0
20200317T112000	2020	03	17	11:20	38.5	83.7	0.004
20200317T112500	2020	03	17	11:25	38.4	83.8	0.002
20200317T113000	2020	03	17	11:30	38.4	84.5	0.002
20200317T113500	2020	03	17	11:35	38.3	85.3	0.016
20200317T114000	2020	03	17	11:40	38	86.5	0.012
20200317T114500	2020	03	17	11:45	37.9	87.1	0.007
20200317T115000	2020	03	17	11:50	37.7	88.3	0.004
20200317T115500	2020	03	17	11:55	37.7	88.6	0.006
20200317T120000	2020	03	17	12:00	37.7	88.9	0.006
20200317T120500	2020	03	17	12:05	37.9	89.3	0.005
20200317T121000	2020	03	17	12:10	37.9	89.1	0.002
20200317T121500	2020	03	17	12:15	37.7	89.6	0.007
20200317T122000	2020	03	17	12:20	37.9	90.5	0.004
20200317T122500	2020	03	17	12:25	37.8	90.3	0.001
20200317T123000	2020	03	17	12:30	37.8	90.7	0.003
20200317T123500	2020	03	17	12:35	37.7	90.9	0.001
20200317T124000	2020	03	17	12:40	37.8	91	0.001
20200317T124500	2020	03	17	12:45	37.7	90.6	0
20200317T125000	2020	03	17	12:50	37.7	89.4	0
20200317T125500	2020	03	17	12:55	37.6	89.4	0
20200317T130000	2020	03	17	13:00	37.5	89.2	0.003
20200317T130500	2020	03	17	13:05	37.5	88.3	0
20200317T131000	2020	03	17	13:10	37.7	87.5	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200317T131500	2020	03	17	13:15	37.8	88.1	0
20200317T132000	2020	03	17	13:20	37.7	87.3	0
20200317T132500	2020	03	17	13:25	37.9	87.2	0
20200317T133000	2020	03	17	13:30	37.9	86.6	0
20200317T133500	2020	03	17	13:35	37.9	85.8	0
20200317T134000	2020	03	17	13:40	37.9	86.1	0
20200317T134500	2020	03	17	13:45	37.7	86.2	0
20200317T135000	2020	03	17	13:50	37.6	86.5	0
20200317T135500	2020	03	17	13:55	37.5	86.3	0
20200317T140000	2020	03	17	14:00	37.6	86.4	0
20200317T140500	2020	03	17	14:05	37.8	85.5	0
20200317T141000	2020	03	17	14:10	37.7	85.3	0
20200317T141500	2020	03	17	14:15	37.9	84.4	0
20200317T142000	2020	03	17	14:20	38.4	84.9	0
20200317T142500	2020	03	17	14:25	38.6	83.6	0
20200317T143000	2020	03	17	14:30	38.6	82.3	0
20200317T143500	2020	03	17	14:35	38.6	82	0
20200317T144000	2020	03	17	14:40	38.4	81.3	0
20200317T144500	2020	03	17	14:45	38.3	81.4	0
20200317T145000	2020	03	17	14:50	38.1	83.1	0
20200317T145500	2020	03	17	14:55	37.8	84.7	0
20200317T150000	2020	03	17	15:00	37.3	87.4	0
20200317T150500	2020	03	17	15:05	37.4	87.4	0
20200317T151000	2020	03	17	15:10	37.6	87	0
20200317T151500	2020	03	17	15:15	37.9	86.9	0
20200317T152000	2020	03	17	15:20	38.3	85.9	0
20200317T152500	2020	03	17	15:25	38.4	84.9	0
20200317T153000	2020	03	17	15:30	38.5	84.4	0
20200317T153500	2020	03	17	15:35	38.5	83.5	0
20200317T154000	2020	03	17	15:40	38.4	83.2	0
20200317T154500	2020	03	17	15:45	38.2	83.8	0
20200317T155000	2020	03	17	15:50	38.1	84	0
20200317T155500	2020	03	17	15:55	37.7	86.4	0
20200317T160000	2020	03	17	16:00	37	88.7	0.014
20200317T160500	2020	03	17	16:05	37.2	90.5	0
20200317T161000	2020	03	17	16:10	37.6	89.3	0
20200317T161500	2020	03	17	16:15	38	87.7	0
20200317T162000	2020	03	17	16:20	38.1	85.5	0
20200317T162500	2020	03	17	16:25	38.2	84.9	0
20200317T163000	2020	03	17	16:30	38.2	84.4	0
20200317T163500	2020	03	17	16:35	38	81.4	0
20200317T164000	2020	03	17	16:40	38.4	82.5	0
20200317T164500	2020	03	17	16:45	38.4	84.6	0
20200317T165000	2020	03	17	16:50	38	81.8	0
20200317T165500	2020	03	17	16:55	37.6	84.1	0
20200317T170000	2020	03	17	17:00	38.3	88.9	0
20200317T170500	2020	03	17	17:05	38.4	88.3	0
20200317T171000	2020	03	17	17:10	38	86.8	0
20200317T171500	2020	03	17	17:15	37.8	86.2	0
20200317T172000	2020	03	17	17:20	37.7	86.8	0
20200317T172500	2020	03	17	17:25	37	85.2	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200317T173000	2020	03	17	17:30	37.1	84.7	0
20200317T173500	2020	03	17	17:35	37.2	83.2	0
20200317T174000	2020	03	17	17:40	37.2	83.5	0
20200317T174500	2020	03	17	17:45	37.8	83.7	0
20200317T175000	2020	03	17	17:50	37.9	81	0
20200317T175500	2020	03	17	17:55	38.1	80.5	0
20200317T180000	2020	03	17	18:00	38.3	77.6	0
20200317T180500	2020	03	17	18:05	38.4	77.7	0
20200317T181000	2020	03	17	18:10	38.4	77.7	0
20200317T181500	2020	03	17	18:15	38.4	77.6	0
20200317T182000	2020	03	17	18:20	38	78.5	0
20200317T182500	2020	03	17	18:25	37.7	78.7	0
20200317T183000	2020	03	17	18:30	38	77.4	0
20200317T183500	2020	03	17	18:35	38	77.3	0
20200317T184000	2020	03	17	18:40	38.1	76	0
20200317T184500	2020	03	17	18:45	37.9	74.9	0
20200317T185000	2020	03	17	18:50	37.8	74.3	0
20200317T185500	2020	03	17	18:55	38	73.3	0
20200317T190000	2020	03	17	19:00	38.1	73	0
20200317T190500	2020	03	17	19:05	37.8	73.9	0
20200317T191000	2020	03	17	19:10	37.8	74.1	0
20200317T191500	2020	03	17	19:15	37.9	74.1	0
20200317T192000	2020	03	17	19:20	38	73.5	0
20200317T192500	2020	03	17	19:25	37.9	74.4	0
20200317T193000	2020	03	17	19:30	38	74.2	0
20200317T193500	2020	03	17	19:35	38	74.6	0
20200317T194000	2020	03	17	19:40	38.1	74.9	0
20200317T194500	2020	03	17	19:45	38.1	74.8	0
20200317T195000	2020	03	17	19:50	37.9	74.7	0
20200317T195500	2020	03	17	19:55	37.6	75.3	0
20200317T200000	2020	03	17	20:00	37.2	76.4	0
20200317T200500	2020	03	17	20:05	37.2	76.8	0
20200317T201000	2020	03	17	20:10	37.5	76.1	0
20200317T201500	2020	03	17	20:15	37.7	75.5	0
20200317T202000	2020	03	17	20:20	37.6	75.6	0
20200317T202500	2020	03	17	20:25	37.4	76.2	0
20200317T203000	2020	03	17	20:30	37.3	76.6	0
20200317T203500	2020	03	17	20:35	37.3	76.3	0
20200317T204000	2020	03	17	20:40	37	76.7	0
20200317T204500	2020	03	17	20:45	37	76	0
20200317T205000	2020	03	17	20:50	36.8	76.6	0
20200317T205500	2020	03	17	20:55	36.7	76.3	0
20200317T210000	2020	03	17	21:00	36.7	76.2	0
20200317T210500	2020	03	17	21:05	36.7	74.4	0
20200317T211000	2020	03	17	21:10	36.7	72.9	0
20200317T211500	2020	03	17	21:15	36.7	72.3	0
20200317T212000	2020	03	17	21:20	36.5	72	0
20200317T212500	2020	03	17	21:25	36.3	72	0
20200317T213000	2020	03	17	21:30	36.2	71.6	0
20200317T213500	2020	03	17	21:35	36.1	71.2	0
20200317T214000	2020	03	17	21:40	36	71.5	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200317T214500	2020	03	17	21:45	36.1	70.7	0
20200317T215000	2020	03	17	21:50	35.9	70.9	0
20200317T215500	2020	03	17	21:55	35.9	70.8	0
20200317T220000	2020	03	17	22:00	35.8	70.8	0
20200317T220500	2020	03	17	22:05	35.7	70.1	0
20200317T221000	2020	03	17	22:10	35.6	69.4	0
20200317T221500	2020	03	17	22:15	35.5	69.1	0
20200317T222000	2020	03	17	22:20	35.5	69.1	0
20200317T222500	2020	03	17	22:25	35.3	69.7	0
20200317T223000	2020	03	17	22:30	35.1	69.5	0
20200317T223500	2020	03	17	22:35	35	68.4	0
20200317T224000	2020	03	17	22:40	34.8	67.9	0
20200317T224500	2020	03	17	22:45	34.7	67.5	0
20200317T225000	2020	03	17	22:50	34.5	68.1	0
20200317T225500	2020	03	17	22:55	34.4	68.3	0
20200317T230000	2020	03	17	23:00	34.3	67.9	0
20200317T230500	2020	03	17	23:05	34.4	66.5	0
20200317T231000	2020	03	17	23:10	34.3	65.6	0
20200317T231500	2020	03	17	23:15	33.9	65.7	0
20200317T232000	2020	03	17	23:20	33.7	65.4	0
20200317T232500	2020	03	17	23:25	33.7	64	0
20200317T233000	2020	03	17	23:30	33.8	63.5	0
20200317T233500	2020	03	17	23:35	33.8	62.3	0
20200317T234000	2020	03	17	23:40	33.7	62.5	0
20200317T234500	2020	03	17	23:45	33.7	61.1	0
20200317T235000	2020	03	17	23:50	33.5	60.7	0
20200317T235500	2020	03	17	23:55	33.5	60.4	0
20200318T000000	2020	03	18	00:00	33.6	59.9	0
20200318T000500	2020	03	18	00:05	33.4	60.5	0
20200318T001000	2020	03	18	00:10	33.2	59.7	0
20200318T001500	2020	03	18	00:15	33	59.9	0
20200318T002000	2020	03	18	00:20	32.9	60.1	0
20200318T002500	2020	03	18	00:25	32.7	60.4	0
20200318T003000	2020	03	18	00:30	32.8	59.6	0
20200318T003500	2020	03	18	00:35	32.8	59.2	0
20200318T004000	2020	03	18	00:40	32.8	59.3	0
20200318T004500	2020	03	18	00:45	32.8	58.1	0
20200318T005000	2020	03	18	00:50	32.7	58.3	0
20200318T005500	2020	03	18	00:55	32.6	57.4	0
20200318T010000	2020	03	18	01:00	32.2	57.9	0
20200318T010500	2020	03	18	01:05	32.2	57.2	0
20200318T011000	2020	03	18	01:10	32	56.8	0
20200318T011500	2020	03	18	01:15	31.9	57.3	0
20200318T012000	2020	03	18	01:20	31.8	56.8	0
20200318T012500	2020	03	18	01:25	31.7	57	0
20200318T013000	2020	03	18	01:30	31.5	58	0
20200318T013500	2020	03	18	01:35	31.2	58.5	0
20200318T014000	2020	03	18	01:40	31.3	57.9	0
20200318T014500	2020	03	18	01:45	31.4	57	0
20200318T015000	2020	03	18	01:50	31.4	56.7	0
20200318T015500	2020	03	18	01:55	31.3	56.8	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200318T020000	2020	03	18	02:00	31.3	56.6	0
20200318T020500	2020	03	18	02:05	30.9	58	0
20200318T021000	2020	03	18	02:10	30.9	58.1	0
20200318T021500	2020	03	18	02:15	30.9	58.1	0
20200318T022000	2020	03	18	02:20	30.7	58.9	0
20200318T022500	2020	03	18	02:25	30.7	58.6	0
20200318T023000	2020	03	18	02:30	30.5	59.2	0
20200318T023500	2020	03	18	02:35	30.6	58.6	0
20200318T024000	2020	03	18	02:40	30.6	58.2	0
20200318T024500	2020	03	18	02:45	30.5	58.2	0
20200318T025000	2020	03	18	02:50	30.4	58.5	0
20200318T025500	2020	03	18	02:55	30.2	58.8	0
20200318T030000	2020	03	18	03:00	30.1	58.7	0
20200318T030500	2020	03	18	03:05	30.1	58.6	0
20200318T031000	2020	03	18	03:10	30.3	58	0
20200318T031500	2020	03	18	03:15	30.1	58.3	0
20200318T032000	2020	03	18	03:20	29.8	59	0
20200318T032500	2020	03	18	03:25	30	58.3	0
20200318T033000	2020	03	18	03:30	29.7	59.2	0
20200318T033500	2020	03	18	03:35	29.9	58.5	0
20200318T034000	2020	03	18	03:40	29.7	58.5	0
20200318T034500	2020	03	18	03:45	29.6	59.1	0
20200318T035000	2020	03	18	03:50	29.3	59.9	0
20200318T035500	2020	03	18	03:55	29.4	59.5	0
20200318T040000	2020	03	18	04:00	29.5	59	0
20200318T040500	2020	03	18	04:05	29.4	58.8	0
20200318T041000	2020	03	18	04:10	29.2	59.7	0
20200318T041500	2020	03	18	04:15	29.1	59.7	0
20200318T042000	2020	03	18	04:20	29.4	58.9	0
20200318T042500	2020	03	18	04:25	29	59.9	0
20200318T043000	2020	03	18	04:30	28.8	60.7	0
20200318T043500	2020	03	18	04:35	28.6	60.9	0
20200318T044000	2020	03	18	04:40	28.4	61.5	0
20200318T044500	2020	03	18	04:45	28.5	61.4	0
20200318T045000	2020	03	18	04:50	28.4	61.3	0
20200318T045500	2020	03	18	04:55	28.4	61.2	0
20200318T050000	2020	03	18	05:00	28.1	61.7	0
20200318T050500	2020	03	18	05:05	28.2	62.1	0
20200318T051000	2020	03	18	05:10	28.1	62.1	0
20200318T051500	2020	03	18	05:15	28	62.6	0
20200318T052000	2020	03	18	05:20	27.8	63	0
20200318T052500	2020	03	18	05:25	27.7	63.2	0
20200318T053000	2020	03	18	05:30	27.3	64	0
20200318T053500	2020	03	18	05:35	27.4	63.9	0
20200318T054000	2020	03	18	05:40	27.1	64.7	0
20200318T054500	2020	03	18	05:45	27.2	65.1	0
20200318T055000	2020	03	18	05:50	27	65.1	0
20200318T055500	2020	03	18	05:55	26.8	65.1	0
20200318T060000	2020	03	18	06:00	26.9	65.6	0
20200318T060500	2020	03	18	06:05	26.6	65.7	0
20200318T061000	2020	03	18	06:10	26.8	65.5	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200318T061500	2020	03	18	06:15	26.9	65.2	0
20200318T062000	2020	03	18	06:20	26.6	65.6	0
20200318T062500	2020	03	18	06:25	26.2	66.9	0
20200318T063000	2020	03	18	06:30	26.3	67.6	0
20200318T063500	2020	03	18	06:35	26.6	67.3	0
20200318T064000	2020	03	18	06:40	26.6	66.2	0
20200318T064500	2020	03	18	06:45	26.4	66.1	0
20200318T065000	2020	03	18	06:50	26.4	65.9	0
20200318T065500	2020	03	18	06:55	26.3	66.4	0
20200318T070000	2020	03	18	07:00	26.1	66.6	0
20200318T070500	2020	03	18	07:05	25.8	67.2	0
20200318T071000	2020	03	18	07:10	25.6	68.1	0
20200318T071500	2020	03	18	07:15	25.6	68.7	0
20200318T072000	2020	03	18	07:20	25.8	68.5	0
20200318T072500	2020	03	18	07:25	26	67.8	0
20200318T073000	2020	03	18	07:30	26	67.1	0
20200318T073500	2020	03	18	07:35	25.7	67.6	0
20200318T074000	2020	03	18	07:40	25.4	68	0
20200318T074500	2020	03	18	07:45	24.4	69.4	0
20200318T075000	2020	03	18	07:50	25.1	70.3	0
20200318T075500	2020	03	18	07:55	25.6	70.9	0
20200318T080000	2020	03	18	08:00	26.5	71.2	0
20200318T080500	2020	03	18	08:05	27.2	68.7	0
20200318T081000	2020	03	18	08:10	27.6	67.2	0
20200318T081500	2020	03	18	08:15	28.1	68.3	0
20200318T082000	2020	03	18	08:20	28.2	65.7	0
20200318T082500	2020	03	18	08:25	28.3	65.1	0
20200318T083000	2020	03	18	08:30	28.5	64.5	0
20200318T083500	2020	03	18	08:35	28.6	63.6	0
20200318T084000	2020	03	18	08:40	28.8	62.7	0
20200318T084500	2020	03	18	08:45	29.3	61.4	0
20200318T085000	2020	03	18	08:50	28.9	60.5	0
20200318T085500	2020	03	18	08:55	29.1	61.1	0
20200318T090000	2020	03	18	09:00	29.5	59.8	0
20200318T090500	2020	03	18	09:05	29.7	58.1	0
20200318T091000	2020	03	18	09:10	29.9	59.1	0
20200318T091500	2020	03	18	09:15	29.9	58.6	0
20200318T092000	2020	03	18	09:20	30.6	60.2	0
20200318T092500	2020	03	18	09:25	30.7	60.1	0
20200318T093000	2020	03	18	09:30	31	60.5	0
20200318T093500	2020	03	18	09:35	31.1	58.6	0
20200318T094000	2020	03	18	09:40	31.1	58.1	0
20200318T094500	2020	03	18	09:45	31.3	58.8	0
20200318T095000	2020	03	18	09:50	31.3	58.6	0
20200318T095500	2020	03	18	09:55	31.1	57.8	0
20200318T100000	2020	03	18	10:00	30.8	57.3	0
20200318T100500	2020	03	18	10:05	31.7	57.7	0
20200318T101000	2020	03	18	10:10	31.7	58.2	0
20200318T101500	2020	03	18	10:15	31.6	58.4	0
20200318T102000	2020	03	18	10:20	31.8	58.3	0
20200318T102500	2020	03	18	10:25	32.1	57.5	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200318T103000	2020	03	18	10:30	32	57.2	0
20200318T103500	2020	03	18	10:35	32.3	57	0
20200318T104000	2020	03	18	10:40	33.1	57.9	0
20200318T104500	2020	03	18	10:45	33.5	58	0
20200318T105000	2020	03	18	10:50	32.7	57.7	0
20200318T105500	2020	03	18	10:55	32.8	58.4	0
20200318T110000	2020	03	18	11:00	33.4	58.1	0
20200318T110500	2020	03	18	11:05	33.8	59.2	0
20200318T111000	2020	03	18	11:10	33.4	58.1	0
20200318T111500	2020	03	18	11:15	34.6	57.4	0
20200318T112000	2020	03	18	11:20	33.9	56.8	0
20200318T112500	2020	03	18	11:25	34	56.9	0
20200318T113000	2020	03	18	11:30	35.2	58.2	0
20200318T113500	2020	03	18	11:35	35.3	55.5	0
20200318T114000	2020	03	18	11:40	35.9	55.5	0
20200318T114500	2020	03	18	11:45	36	54.1	0
20200318T115000	2020	03	18	11:50	36.3	54.6	0
20200318T115500	2020	03	18	11:55	37.1	55.1	0
20200318T120000	2020	03	18	12:00	36.5	52.6	0
20200318T120500	2020	03	18	12:05	36.4	53.2	0
20200318T121000	2020	03	18	12:10	36.6	52.5	0
20200318T121500	2020	03	18	12:15	36.9	51.7	0
20200318T122000	2020	03	18	12:20	36.9	52.5	0
20200318T122500	2020	03	18	12:25	36.3	50.3	0
20200318T123000	2020	03	18	12:30	37	49.7	0
20200318T123500	2020	03	18	12:35	36.5	48.4	0
20200318T124000	2020	03	18	12:40	37.1	50.4	0
20200318T124500	2020	03	18	12:45	37.2	51.5	0
20200318T125000	2020	03	18	12:50	36.9	51.3	0
20200318T125500	2020	03	18	12:55	37.4	53.3	0
20200318T130000	2020	03	18	13:00	37.5	51	0
20200318T130500	2020	03	18	13:05	37.8	50.5	0
20200318T131000	2020	03	18	13:10	37.8	48.4	0
20200318T131500	2020	03	18	13:15	38.5	49.1	0
20200318T132000	2020	03	18	13:20	38.4	46	0
20200318T132500	2020	03	18	13:25	38.7	46.7	0
20200318T133000	2020	03	18	13:30	40.1	46.8	0
20200318T133500	2020	03	18	13:35	39.1	43.2	0
20200318T134000	2020	03	18	13:40	38.8	43.2	0
20200318T134500	2020	03	18	13:45	39.4	43.7	0
20200318T135000	2020	03	18	13:50	39.8	43.8	0
20200318T135500	2020	03	18	13:55	39.6	43.5	0
20200318T140000	2020	03	18	14:00	38.8	41.4	0
20200318T140500	2020	03	18	14:05	39.3	41.5	0
20200318T141000	2020	03	18	14:10	39.9	41.9	0
20200318T141500	2020	03	18	14:15	39.9	42.2	0
20200318T142000	2020	03	18	14:20	39.5	40.3	0
20200318T142500	2020	03	18	14:25	39.7	41	0
20200318T143000	2020	03	18	14:30	40.2	42.7	0
20200318T143500	2020	03	18	14:35	39.6	41.9	0
20200318T144000	2020	03	18	14:40	40.2	42.9	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200318T144500	2020	03	18	14:45	40.5	42.6	0
20200318T145000	2020	03	18	14:50	40.6	42.6	0
20200318T145500	2020	03	18	14:55	40.8	42.6	0
20200318T150000	2020	03	18	15:00	41.6	42.5	0
20200318T150500	2020	03	18	15:05	41.5	42.2	0
20200318T151000	2020	03	18	15:10	41.1	40.5	0
20200318T151500	2020	03	18	15:15	41.6	40.9	0
20200318T152000	2020	03	18	15:20	41.7	39.6	0
20200318T152500	2020	03	18	15:25	41.4	38.8	0
20200318T153000	2020	03	18	15:30	41.8	41.1	0
20200318T153500	2020	03	18	15:35	41.2	39.2	0
20200318T154000	2020	03	18	15:40	41.5	38.9	0
20200318T154500	2020	03	18	15:45	41.8	40.2	0
20200318T155000	2020	03	18	15:50	41.7	41.7	0
20200318T155500	2020	03	18	15:55	42.1	44.3	0
20200318T160000	2020	03	18	16:00	41.2	46.1	0
20200318T160500	2020	03	18	16:05	40.4	48.6	0
20200318T161000	2020	03	18	16:10	39.6	48.6	0
20200318T161500	2020	03	18	16:15	39.3	48.6	0
20200318T162000	2020	03	18	16:20	39.4	49.5	0
20200318T162500	2020	03	18	16:25	39.2	50.6	0
20200318T163000	2020	03	18	16:30	39.1	50.9	0
20200318T163500	2020	03	18	16:35	39	50.9	0
20200318T164000	2020	03	18	16:40	38.6	51.2	0
20200318T164500	2020	03	18	16:45	38.6	51.7	0
20200318T165000	2020	03	18	16:50	38.6	52.1	0
20200318T165500	2020	03	18	16:55	38.3	52.4	0
20200318T170000	2020	03	18	17:00	38.1	53	0
20200318T170500	2020	03	18	17:05	38.1	53.2	0
20200318T171000	2020	03	18	17:10	38.1	52.1	0
20200318T171500	2020	03	18	17:15	37.8	52.8	0
20200318T172000	2020	03	18	17:20	37.6	54.5	0
20200318T172500	2020	03	18	17:25	37.4	52.7	0
20200318T173000	2020	03	18	17:30	37.5	53.3	0
20200318T173500	2020	03	18	17:35	37.3	53.5	0
20200318T174000	2020	03	18	17:40	37	53.6	0
20200318T174500	2020	03	18	17:45	36.8	53.9	0
20200318T175000	2020	03	18	17:50	36.7	54.7	0
20200318T175500	2020	03	18	17:55	36.6	54.3	0
20200318T180000	2020	03	18	18:00	36.5	54.5	0
20200318T180500	2020	03	18	18:05	36.5	54.8	0
20200318T181000	2020	03	18	18:10	36.4	55.2	0
20200318T181500	2020	03	18	18:15	36.3	54.4	0
20200318T182000	2020	03	18	18:20	36.3	54.4	0
20200318T182500	2020	03	18	18:25	36.2	55.8	0
20200318T183000	2020	03	18	18:30	36.1	56.5	0
20200318T183500	2020	03	18	18:35	36	56.7	0
20200318T184000	2020	03	18	18:40	35.9	56	0
20200318T184500	2020	03	18	18:45	35.6	56.8	0
20200318T185000	2020	03	18	18:50	35.5	56.8	0
20200318T185500	2020	03	18	18:55	35.4	56.9	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200318T190000	2020	03	18	19:00	35.2	55.4	0
20200318T190500	2020	03	18	19:05	35.1	55.3	0
20200318T191000	2020	03	18	19:10	35	56.3	0
20200318T191500	2020	03	18	19:15	34.9	57	0
20200318T192000	2020	03	18	19:20	34.8	56.6	0
20200318T192500	2020	03	18	19:25	34.6	57.9	0
20200318T193000	2020	03	18	19:30	34.4	58.2	0
20200318T193500	2020	03	18	19:35	34.3	58.6	0
20200318T194000	2020	03	18	19:40	34.3	58.8	0
20200318T194500	2020	03	18	19:45	34	60.5	0
20200318T195000	2020	03	18	19:50	34	60.3	0
20200318T195500	2020	03	18	19:55	33.9	60.5	0
20200318T200000	2020	03	18	20:00	33.7	61.3	0
20200318T200500	2020	03	18	20:05	33.4	63	0
20200318T201000	2020	03	18	20:10	33.2	63.7	0
20200318T201500	2020	03	18	20:15	33.1	63.2	0
20200318T202000	2020	03	18	20:20	33	63.6	0
20200318T202500	2020	03	18	20:25	32.9	64.1	0
20200318T203000	2020	03	18	20:30	32.7	65.6	0
20200318T203500	2020	03	18	20:35	32.9	64.7	0
20200318T204000	2020	03	18	20:40	32.8	64.8	0
20200318T204500	2020	03	18	20:45	32.6	65.3	0
20200318T205000	2020	03	18	20:50	32.4	66.3	0
20200318T205500	2020	03	18	20:55	32.4	66	0
20200318T210000	2020	03	18	21:00	32.4	65.6	0
20200318T210500	2020	03	18	21:05	32.3	66.5	0
20200318T211000	2020	03	18	21:10	32.1	67.6	0
20200318T211500	2020	03	18	21:15	32	68	0
20200318T212000	2020	03	18	21:20	31.8	68.7	0
20200318T212500	2020	03	18	21:25	31.6	69.8	0
20200318T213000	2020	03	18	21:30	31.5	70.4	0
20200318T213500	2020	03	18	21:35	31.5	70.9	0
20200318T214000	2020	03	18	21:40	31.6	70.9	0
20200318T214500	2020	03	18	21:45	31.5	71	0
20200318T215000	2020	03	18	21:50	31.5	71.5	0
20200318T215500	2020	03	18	21:55	31.4	72.3	0
20200318T220000	2020	03	18	22:00	31.2	72.8	0
20200318T220500	2020	03	18	22:05	31.1	73.7	0
20200318T221000	2020	03	18	22:10	31.2	73.6	0
20200318T221500	2020	03	18	22:15	31	74.2	0
20200318T222000	2020	03	18	22:20	30.8	75.2	0
20200318T222500	2020	03	18	22:25	30.8	74.9	0
20200318T223000	2020	03	18	22:30	30.7	75.2	0
20200318T223500	2020	03	18	22:35	30.6	75.5	0
20200318T224000	2020	03	18	22:40	30.6	75.2	0
20200318T224500	2020	03	18	22:45	30.9	75	0
20200318T225000	2020	03	18	22:50	31.3	74	0
20200318T225500	2020	03	18	22:55	31.4	74.4	0
20200318T230000	2020	03	18	23:00	31	74.9	0
20200318T230500	2020	03	18	23:05	30.9	77.5	0
20200318T231000	2020	03	18	23:10	31.2	76	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200318T231500	2020	03	18	23:15	31.4	74.4	0
20200318T232000	2020	03	18	23:20	31.5	74.9	0
20200318T232500	2020	03	18	23:25	31.6	73.7	0
20200318T233000	2020	03	18	23:30	31.5	74.1	0
20200318T233500	2020	03	18	23:35	31.2	75.6	0
20200318T234000	2020	03	18	23:40	31.2	76.8	0
20200318T234500	2020	03	18	23:45	31.3	76.3	0
20200318T235000	2020	03	18	23:50	31.5	74.8	0
20200318T235500	2020	03	18	23:55	31.6	74	0
20200319T000000	2020	03	19	00:00	31.6	74.3	0
20200319T000500	2020	03	19	00:05	31.6	73.7	0
20200319T001000	2020	03	19	00:10	31.6	74.1	0
20200319T001500	2020	03	19	00:15	31.7	74.8	0
20200319T002000	2020	03	19	00:20	31.8	75.4	0
20200319T002500	2020	03	19	00:25	31.8	75.2	0
20200319T003000	2020	03	19	00:30	31.8	74.1	0
20200319T003500	2020	03	19	00:35	31.8	73.9	0
20200319T004000	2020	03	19	00:40	31.6	74.4	0
20200319T004500	2020	03	19	00:45	31.8	71.2	0
20200319T005000	2020	03	19	00:50	31.6	68.8	0
20200319T005500	2020	03	19	00:55	31.6	66.9	0
20200319T010000	2020	03	19	01:00	31.5	68.1	0
20200319T010500	2020	03	19	01:05	31.4	69.1	0
20200319T011000	2020	03	19	01:10	31.4	69.5	0
20200319T011500	2020	03	19	01:15	31.4	68.6	0
20200319T012000	2020	03	19	01:20	31.4	68.4	0
20200319T012500	2020	03	19	01:25	31.3	68.8	0
20200319T013000	2020	03	19	01:30	31.3	69	0
20200319T013500	2020	03	19	01:35	31.4	67.8	0
20200319T014000	2020	03	19	01:40	31.4	68.3	0
20200319T014500	2020	03	19	01:45	31.4	68.7	0
20200319T015000	2020	03	19	01:50	31.4	68.2	0
20200319T015500	2020	03	19	01:55	31.4	68.1	0
20200319T020000	2020	03	19	02:00	31.4	69	0
20200319T020500	2020	03	19	02:05	31.3	69	0
20200319T021000	2020	03	19	02:10	31.4	68.5	0
20200319T021500	2020	03	19	02:15	31.3	69.1	0
20200319T022000	2020	03	19	02:20	31.4	68	0
20200319T022500	2020	03	19	02:25	31.4	68.1	0
20200319T023000	2020	03	19	02:30	31.5	67.7	0
20200319T023500	2020	03	19	02:35	31.5	67.4	0
20200319T024000	2020	03	19	02:40	31.5	67.7	0
20200319T024500	2020	03	19	02:45	31.4	68	0
20200319T025000	2020	03	19	02:50	31.4	68	0
20200319T025500	2020	03	19	02:55	31.3	68	0
20200319T030000	2020	03	19	03:00	31.3	67.8	0
20200319T030500	2020	03	19	03:05	31.3	67.5	0
20200319T031000	2020	03	19	03:10	31.3	68.1	0
20200319T031500	2020	03	19	03:15	31.3	68.2	0
20200319T032000	2020	03	19	03:20	31.3	68.8	0
20200319T032500	2020	03	19	03:25	31.3	68.3	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200319T033000	2020	03	19	03:30	31.4	68.3	0
20200319T033500	2020	03	19	03:35	31.4	67.1	0
20200319T034000	2020	03	19	03:40	31.3	67.8	0
20200319T034500	2020	03	19	03:45	31.4	68.6	0
20200319T035000	2020	03	19	03:50	31.4	68.8	0
20200319T035500	2020	03	19	03:55	31.4	68.9	0
20200319T040000	2020	03	19	04:00	31.4	68.5	0
20200319T040500	2020	03	19	04:05	31.4	67.3	0
20200319T041000	2020	03	19	04:10	31.4	67.4	0
20200319T041500	2020	03	19	04:15	31.5	67.5	0
20200319T042000	2020	03	19	04:20	31.5	67	0
20200319T042500	2020	03	19	04:25	31.5	67.3	0
20200319T043000	2020	03	19	04:30	31.5	67.6	0
20200319T043500	2020	03	19	04:35	31.5	67.4	0
20200319T044000	2020	03	19	04:40	31.4	69	0
20200319T044500	2020	03	19	04:45	31.4	69.1	0
20200319T045000	2020	03	19	04:50	31.4	69.1	0
20200319T045500	2020	03	19	04:55	31.4	69.7	0
20200319T050000	2020	03	19	05:00	31.5	69.5	0
20200319T050500	2020	03	19	05:05	31.5	69.7	0
20200319T051000	2020	03	19	05:10	31.4	70.3	0
20200319T051500	2020	03	19	05:15	31.4	69.1	0
20200319T052000	2020	03	19	05:20	31.4	69	0
20200319T052500	2020	03	19	05:25	31.4	70.1	0
20200319T053000	2020	03	19	05:30	31.4	70.9	0
20200319T053500	2020	03	19	05:35	31.4	70.4	0
20200319T054000	2020	03	19	05:40	31.4	71.1	0
20200319T054500	2020	03	19	05:45	31.4	71.8	0
20200319T055000	2020	03	19	05:50	31.4	71.4	0
20200319T055500	2020	03	19	05:55	31.5	71.9	0
20200319T060000	2020	03	19	06:00	31.5	72.5	0
20200319T060500	2020	03	19	06:05	31.5	73.7	0
20200319T061000	2020	03	19	06:10	31.5	74.1	0
20200319T061500	2020	03	19	06:15	31.4	73.4	0
20200319T062000	2020	03	19	06:20	31.4	73.2	0
20200319T062500	2020	03	19	06:25	31.4	74.3	0
20200319T063000	2020	03	19	06:30	31.3	73.9	0
20200319T063500	2020	03	19	06:35	31.3	74.3	0
20200319T064000	2020	03	19	06:40	31.2	73.5	0
20200319T064500	2020	03	19	06:45	31.2	73.7	0
20200319T065000	2020	03	19	06:50	31.2	73.8	0
20200319T065500	2020	03	19	06:55	31.2	74.4	0
20200319T070000	2020	03	19	07:00	31.1	74.9	0
20200319T070500	2020	03	19	07:05	31.1	74.2	0
20200319T071000	2020	03	19	07:10	31	73.6	0
20200319T071500	2020	03	19	07:15	30.9	74	0
20200319T072000	2020	03	19	07:20	30.7	73.7	0
20200319T072500	2020	03	19	07:25	30.5	74.2	0
20200319T073000	2020	03	19	07:30	30.2	74.8	0
20200319T073500	2020	03	19	07:35	29.7	76.4	0
20200319T074000	2020	03	19	07:40	29.4	77.5	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200319T074500	2020	03	19	07:45	29.1	78.7	0
20200319T075000	2020	03	19	07:50	29.6	78.9	0
20200319T075500	2020	03	19	07:55	30.2	77.5	0
20200319T080000	2020	03	19	08:00	30.9	76	0
20200319T080500	2020	03	19	08:05	31.4	74.2	0
20200319T081000	2020	03	19	08:10	31.7	73.3	0
20200319T081500	2020	03	19	08:15	31.5	73.5	0
20200319T082000	2020	03	19	08:20	31.9	73.9	0
20200319T082500	2020	03	19	08:25	32.1	72.8	0
20200319T083000	2020	03	19	08:30	32.3	72.4	0
20200319T083500	2020	03	19	08:35	32.5	72	0
20200319T084000	2020	03	19	08:40	33	72.3	0
20200319T084500	2020	03	19	08:45	33.3	71.7	0
20200319T085000	2020	03	19	08:50	33.6	71.7	0
20200319T085500	2020	03	19	08:55	33.7	70.6	0
20200319T090000	2020	03	19	09:00	34	70.3	0
20200319T090500	2020	03	19	09:05	34.2	69.3	0
20200319T091000	2020	03	19	09:10	34.6	69.8	0
20200319T091500	2020	03	19	09:15	34.5	68.9	0
20200319T092000	2020	03	19	09:20	34.6	67.6	0
20200319T092500	2020	03	19	09:25	34.8	67.4	0
20200319T093000	2020	03	19	09:30	35.2	67.2	0
20200319T093500	2020	03	19	09:35	35.4	67.2	0
20200319T094000	2020	03	19	09:40	35.2	67.1	0
20200319T094500	2020	03	19	09:45	35.5	66.4	0
20200319T095000	2020	03	19	09:50	35.5	67.9	0
20200319T095500	2020	03	19	09:55	35.2	67.7	0
20200319T100000	2020	03	19	10:00	35.3	67.7	0
20200319T100500	2020	03	19	10:05	35.5	67.8	0
20200319T101000	2020	03	19	10:10	34.9	67.3	0
20200319T101500	2020	03	19	10:15	34.9	68.5	0
20200319T102000	2020	03	19	10:20	34.9	67.8	0
20200319T102500	2020	03	19	10:25	35.1	67.4	0
20200319T103000	2020	03	19	10:30	35.2	67	0
20200319T103500	2020	03	19	10:35	35.2	66.5	0
20200319T104000	2020	03	19	10:40	35.4	65.9	0
20200319T104500	2020	03	19	10:45	35.6	66	0
20200319T105000	2020	03	19	10:50	35.5	66	0
20200319T105500	2020	03	19	10:55	35.6	65.5	0
20200319T110000	2020	03	19	11:00	36.1	64.9	0
20200319T110500	2020	03	19	11:05	36.5	64.2	0
20200319T111000	2020	03	19	11:10	36.9	64.3	0
20200319T111500	2020	03	19	11:15	37.4	64.2	0
20200319T112000	2020	03	19	11:20	37.9	63.5	0
20200319T112500	2020	03	19	11:25	38.3	63	0
20200319T113000	2020	03	19	11:30	38.9	62.4	0
20200319T113500	2020	03	19	11:35	40.1	62.2	0
20200319T114000	2020	03	19	11:40	40	60.5	0
20200319T114500	2020	03	19	11:45	40.4	60.7	0
20200319T115000	2020	03	19	11:50	41.4	60.2	0
20200319T115500	2020	03	19	11:55	41	59.1	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200319T120000	2020	03	19	12:00	41.9	59.4	0
20200319T120500	2020	03	19	12:05	41.8	58.6	0
20200319T121000	2020	03	19	12:10	42	58.8	0
20200319T121500	2020	03	19	12:15	42.3	58.4	0
20200319T122000	2020	03	19	12:20	43.2	57.6	0
20200319T122500	2020	03	19	12:25	43.8	56.6	0
20200319T123000	2020	03	19	12:30	43.7	55	0
20200319T123500	2020	03	19	12:35	44.1	54.4	0
20200319T124000	2020	03	19	12:40	44.8	54.4	0
20200319T124500	2020	03	19	12:45	44.8	54.1	0
20200319T125000	2020	03	19	12:50	44.5	53.7	0
20200319T125500	2020	03	19	12:55	45	54	0
20200319T130000	2020	03	19	13:00	45.4	53.6	0
20200319T130500	2020	03	19	13:05	45.6	53.7	0
20200319T131000	2020	03	19	13:10	45.8	53.6	0
20200319T131500	2020	03	19	13:15	46.4	53.4	0
20200319T132000	2020	03	19	13:20	46.9	52.5	0
20200319T132500	2020	03	19	13:25	46.9	52.3	0
20200319T133000	2020	03	19	13:30	46.7	53.4	0
20200319T133500	2020	03	19	13:35	47.2	53.1	0
20200319T134000	2020	03	19	13:40	47.6	52.9	0
20200319T134500	2020	03	19	13:45	47.9	51.9	0
20200319T135000	2020	03	19	13:50	47.3	52.8	0
20200319T135500	2020	03	19	13:55	47.5	53.4	0
20200319T140000	2020	03	19	14:00	47.5	54	0
20200319T140500	2020	03	19	14:05	47.9	54	0
20200319T141000	2020	03	19	14:10	47.5	52.9	0
20200319T141500	2020	03	19	14:15	47.5	54.4	0
20200319T142000	2020	03	19	14:20	47.2	54.5	0
20200319T142500	2020	03	19	14:25	47.9	55.7	0
20200319T143000	2020	03	19	14:30	47.2	57.2	0
20200319T143500	2020	03	19	14:35	47.2	59.2	0
20200319T144000	2020	03	19	14:40	47.2	58.9	0
20200319T144500	2020	03	19	14:45	47.7	59.5	0
20200319T145000	2020	03	19	14:50	47.2	59.4	0
20200319T145500	2020	03	19	14:55	47.4	59.6	0
20200319T150000	2020	03	19	15:00	48.3	59.3	0
20200319T150500	2020	03	19	15:05	48.4	59.3	0
20200319T151000	2020	03	19	15:10	48.6	60.2	0
20200319T151500	2020	03	19	15:15	48.5	59.6	0
20200319T152000	2020	03	19	15:20	48.7	59.3	0
20200319T152500	2020	03	19	15:25	48.5	59.6	0
20200319T153000	2020	03	19	15:30	49.5	59.4	0
20200319T153500	2020	03	19	15:35	48.8	58.5	0
20200319T154000	2020	03	19	15:40	49.2	58.8	0
20200319T154500	2020	03	19	15:45	49.4	58.4	0
20200319T155000	2020	03	19	15:50	49.2	58.8	0
20200319T155500	2020	03	19	15:55	49.5	59.1	0
20200319T160000	2020	03	19	16:00	49.4	59.2	0
20200319T160500	2020	03	19	16:05	49.4	58.6	0
20200319T161000	2020	03	19	16:10	49.6	58.7	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200319T161500	2020	03	19	16:15	49.8	58.7	0
20200319T162000	2020	03	19	16:20	49.5	59.3	0
20200319T162500	2020	03	19	16:25	49.4	59.5	0
20200319T163000	2020	03	19	16:30	49.5	59.6	0
20200319T163500	2020	03	19	16:35	49.3	59.9	0
20200319T164000	2020	03	19	16:40	49	62.9	0
20200319T164500	2020	03	19	16:45	48.8	62.1	0
20200319T165000	2020	03	19	16:50	48.8	63.3	0
20200319T165500	2020	03	19	16:55	48.6	63.6	0
20200319T170000	2020	03	19	17:00	48.5	63.3	0
20200319T170500	2020	03	19	17:05	47.9	64.6	0
20200319T171000	2020	03	19	17:10	47.9	65	0
20200319T171500	2020	03	19	17:15	48.1	63.1	0
20200319T172000	2020	03	19	17:20	47.8	63.2	0
20200319T172500	2020	03	19	17:25	47.6	64.2	0
20200319T173000	2020	03	19	17:30	47.5	64.6	0
20200319T173500	2020	03	19	17:35	47.4	64.6	0
20200319T174000	2020	03	19	17:40	46.9	66.1	0
20200319T174500	2020	03	19	17:45	46.8	67	0
20200319T175000	2020	03	19	17:50	46.8	67.4	0
20200319T175500	2020	03	19	17:55	46.8	67	0
20200319T180000	2020	03	19	18:00	47	66.8	0
20200319T180500	2020	03	19	18:05	47.1	65.7	0
20200319T181000	2020	03	19	18:10	47.2	65.5	0
20200319T181500	2020	03	19	18:15	47.3	65.2	0
20200319T182000	2020	03	19	18:20	47.3	65.2	0
20200319T182500	2020	03	19	18:25	47.4	64.6	0
20200319T183000	2020	03	19	18:30	47.1	65.6	0
20200319T183500	2020	03	19	18:35	46.7	67.4	0
20200319T184000	2020	03	19	18:40	46.1	69.8	0
20200319T184500	2020	03	19	18:45	46.2	69.2	0
20200319T185000	2020	03	19	18:50	46.4	67.8	0
20200319T185500	2020	03	19	18:55	45.5	69.3	0
20200319T190000	2020	03	19	19:00	45	72	0
20200319T190500	2020	03	19	19:05	45.6	71.9	0
20200319T191000	2020	03	19	19:10	45.7	70.8	0
20200319T191500	2020	03	19	19:15	46	70.1	0
20200319T192000	2020	03	19	19:20	45.8	69.5	0
20200319T192500	2020	03	19	19:25	45.8	70	0
20200319T193000	2020	03	19	19:30	44.8	71.9	0
20200319T193500	2020	03	19	19:35	44.6	72.9	0
20200319T194000	2020	03	19	19:40	44.7	72.9	0
20200319T194500	2020	03	19	19:45	44.8	71.2	0
20200319T195000	2020	03	19	19:50	44.3	71.4	0
20200319T195500	2020	03	19	19:55	44.6	71.9	0
20200319T200000	2020	03	19	20:00	44.2	71.7	0
20200319T200500	2020	03	19	20:05	43.7	72.3	0
20200319T201000	2020	03	19	20:10	43.8	73.7	0
20200319T201500	2020	03	19	20:15	43.7	73.2	0
20200319T202000	2020	03	19	20:20	43.3	75.6	0
20200319T202500	2020	03	19	20:25	43.4	77.8	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200319T203000	2020	03	19	20:30	42.7	78.8	0
20200319T203500	2020	03	19	20:35	42.5	77.6	0
20200319T204000	2020	03	19	20:40	42.4	77.5	0
20200319T204500	2020	03	19	20:45	43.4	77.9	0
20200319T205000	2020	03	19	20:50	44.4	76.5	0
20200319T205500	2020	03	19	20:55	44.5	76.3	0
20200319T210000	2020	03	19	21:00	44.2	77.1	0
20200319T210500	2020	03	19	21:05	44.1	76.7	0
20200319T211000	2020	03	19	21:10	43.8	77	0
20200319T211500	2020	03	19	21:15	43.4	78.7	0
20200319T212000	2020	03	19	21:20	43.5	78.3	0
20200319T212500	2020	03	19	21:25	43.4	78.3	0
20200319T213000	2020	03	19	21:30	43.9	76.7	0
20200319T213500	2020	03	19	21:35	43.5	75.6	0
20200319T214000	2020	03	19	21:40	43.2	77.1	0
20200319T214500	2020	03	19	21:45	42.9	78.7	0
20200319T215000	2020	03	19	21:50	43.3	79.5	0
20200319T215500	2020	03	19	21:55	43.5	79	0
20200319T220000	2020	03	19	22:00	43.7	77.7	0
20200319T220500	2020	03	19	22:05	43.9	77.2	0
20200319T221000	2020	03	19	22:10	44	76.8	0
20200319T221500	2020	03	19	22:15	44.2	76.2	0
20200319T222000	2020	03	19	22:20	44	76.5	0
20200319T222500	2020	03	19	22:25	43.9	76.8	0
20200319T223000	2020	03	19	22:30	43.7	76.8	0
20200319T223500	2020	03	19	22:35	43.3	77.2	0
20200319T224000	2020	03	19	22:40	43	77.3	0
20200319T224500	2020	03	19	22:45	42.8	77.5	0
20200319T225000	2020	03	19	22:50	42.7	77	0
20200319T225500	2020	03	19	22:55	43	75.8	0
20200319T230000	2020	03	19	23:00	42.9	76.1	0
20200319T230500	2020	03	19	23:05	43.1	76	0
20200319T231000	2020	03	19	23:10	43	76.3	0
20200319T231500	2020	03	19	23:15	42.9	77.2	0
20200319T232000	2020	03	19	23:20	42.8	78.7	0
20200319T232500	2020	03	19	23:25	43.1	78.1	0
20200319T233000	2020	03	19	23:30	43.3	77.3	0
20200319T233500	2020	03	19	23:35	43.3	77.3	0
20200319T234000	2020	03	19	23:40	43.4	77.6	0
20200319T234500	2020	03	19	23:45	43.6	76.8	0
20200319T235000	2020	03	19	23:50	43.6	76.8	0
20200319T235500	2020	03	19	23:55	43.6	76.6	0
20200320T000000	2020	03	20	00:00	43.7	75.9	0
20200320T000500	2020	03	20	00:05	43.6	76.1	0
20200320T001000	2020	03	20	00:10	43.6	76.7	0
20200320T001500	2020	03	20	00:15	43.6	76.8	0
20200320T002000	2020	03	20	00:20	43.5	77.2	0
20200320T002500	2020	03	20	00:25	43.4	77.9	0
20200320T003000	2020	03	20	00:30	43.3	77.8	0
20200320T003500	2020	03	20	00:35	43.2	77.9	0
20200320T004000	2020	03	20	00:40	43.3	77.5	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200320T004500	2020	03	20	00:45	43.3	77.5	0
20200320T005000	2020	03	20	00:50	43.2	77.5	0
20200320T005500	2020	03	20	00:55	43.1	77.2	0
20200320T010000	2020	03	20	01:00	43.2	77.2	0
20200320T010500	2020	03	20	01:05	43.2	77.1	0
20200320T011000	2020	03	20	01:10	43.2	77.3	0
20200320T011500	2020	03	20	01:15	43.3	77.4	0
20200320T012000	2020	03	20	01:20	43.1	78.1	0
20200320T012500	2020	03	20	01:25	43.2	78.1	0
20200320T013000	2020	03	20	01:30	43.2	78.1	0
20200320T013500	2020	03	20	01:35	43.3	78.2	0
20200320T014000	2020	03	20	01:40	43.4	78.4	0
20200320T014500	2020	03	20	01:45	43.6	78.4	0
20200320T015000	2020	03	20	01:50	44.5	77.8	0
20200320T015500	2020	03	20	01:55	44.6	77.8	0
20200320T020000	2020	03	20	02:00	45.2	77.9	0
20200320T020500	2020	03	20	02:05	45.8	78.1	0
20200320T021000	2020	03	20	02:10	45.8	77.9	0
20200320T021500	2020	03	20	02:15	46.2	77.7	0
20200320T022000	2020	03	20	02:20	45.9	78.8	0
20200320T022500	2020	03	20	02:25	45.7	80.9	0.008
20200320T023000	2020	03	20	02:30	45.8	82.6	0.003
20200320T023500	2020	03	20	02:35	45.3	82.8	0.001
20200320T024000	2020	03	20	02:40	45.1	83	0
20200320T024500	2020	03	20	02:45	45.6	83.5	0
20200320T025000	2020	03	20	02:50	45.5	83.5	0.004
20200320T025500	2020	03	20	02:55	44.5	85.3	0.002
20200320T030000	2020	03	20	03:00	44.1	88.1	0.002
20200320T030500	2020	03	20	03:05	43	89.3	0
20200320T031000	2020	03	20	03:10	42.3	90.4	0.003
20200320T031500	2020	03	20	03:15	42.2	91.1	0.002
20200320T032000	2020	03	20	03:20	42.4	91.3	0
20200320T032500	2020	03	20	03:25	42.9	91	0
20200320T033000	2020	03	20	03:30	43.1	90.2	0.008
20200320T033500	2020	03	20	03:35	42.9	89.8	0.004
20200320T034000	2020	03	20	03:40	42.5	91.1	0.002
20200320T034500	2020	03	20	03:45	42	92.3	0
20200320T035000	2020	03	20	03:50	41.9	93.3	0.009
20200320T035500	2020	03	20	03:55	41.6	94	0.007
20200320T040000	2020	03	20	04:00	41.4	94.6	0.006
20200320T040500	2020	03	20	04:05	41.5	95.1	0.008
20200320T041000	2020	03	20	04:10	41.5	95.4	0.006
20200320T041500	2020	03	20	04:15	41.5	95.7	0.011
20200320T042000	2020	03	20	04:20	41.5	95.9	0.005
20200320T042500	2020	03	20	04:25	41.8	96.4	0.014
20200320T043000	2020	03	20	04:30	41.8	96.3	0.011
20200320T043500	2020	03	20	04:35	41.9	96.7	0.009
20200320T044000	2020	03	20	04:40	42	96.7	0
20200320T044500	2020	03	20	04:45	42.3	97	0
20200320T045000	2020	03	20	04:50	43	97.2	0
20200320T045500	2020	03	20	04:55	43.1	97	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200320T050000	2020	03	20	05:00	43.2	96.9	0
20200320T050500	2020	03	20	05:05	44.5	97.4	0
20200320T051000	2020	03	20	05:10	46	97.3	0
20200320T051500	2020	03	20	05:15	47.1	96.4	0
20200320T052000	2020	03	20	05:20	48.3	93.4	0
20200320T052500	2020	03	20	05:25	48.9	90.2	0
20200320T053000	2020	03	20	05:30	49.1	88.9	0
20200320T053500	2020	03	20	05:35	49.4	88	0
20200320T054000	2020	03	20	05:40	49.8	87.3	0
20200320T054500	2020	03	20	05:45	50	86.8	0
20200320T055000	2020	03	20	05:50	50	86.8	0
20200320T055500	2020	03	20	05:55	50.4	87.6	0
20200320T060000	2020	03	20	06:00	50.6	86.7	0
20200320T060500	2020	03	20	06:05	51.1	87	0
20200320T061000	2020	03	20	06:10	51.4	86.8	0
20200320T061500	2020	03	20	06:15	51.8	85.7	0
20200320T062000	2020	03	20	06:20	51.9	85.1	0
20200320T062500	2020	03	20	06:25	51.9	86.9	0
20200320T063000	2020	03	20	06:30	51.2	87.5	0
20200320T063500	2020	03	20	06:35	51.5	87.3	0
20200320T064000	2020	03	20	06:40	51.9	86.6	0
20200320T064500	2020	03	20	06:45	52.1	86.3	0
20200320T065000	2020	03	20	06:50	52.4	86	0
20200320T065500	2020	03	20	06:55	52.3	86.4	0
20200320T070000	2020	03	20	07:00	53	86.1	0
20200320T070500	2020	03	20	07:05	53	86	0
20200320T071000	2020	03	20	07:10	52.9	86.4	0
20200320T071500	2020	03	20	07:15	53.1	86.6	0
20200320T072000	2020	03	20	07:20	53.3	86.8	0
20200320T072500	2020	03	20	07:25	53.8	86.9	0
20200320T073000	2020	03	20	07:30	53.9	87.4	0
20200320T073500	2020	03	20	07:35	54	87.8	0
20200320T074000	2020	03	20	07:40	54	88.2	0
20200320T074500	2020	03	20	07:45	54.1	88.6	0
20200320T075000	2020	03	20	07:50	53.9	89.2	0
20200320T075500	2020	03	20	07:55	54.1	89.5	0
20200320T080000	2020	03	20	08:00	54.5	89.3	0
20200320T080500	2020	03	20	08:05	54.7	89.3	0.006
20200320T081000	2020	03	20	08:10	55.1	89.1	0
20200320T081500	2020	03	20	08:15	55.2	89.7	0
20200320T082000	2020	03	20	08:20	55.3	89.7	0
20200320T082500	2020	03	20	08:25	55.5	89.1	0
20200320T083000	2020	03	20	08:30	55.8	88.5	0
20200320T083500	2020	03	20	08:35	55.9	88.1	0
20200320T084000	2020	03	20	08:40	56	88.5	0
20200320T084500	2020	03	20	08:45	56.1	88.9	0.007
20200320T085000	2020	03	20	08:50	56.2	89	0.01
20200320T085500	2020	03	20	08:55	56.3	90.1	0.003
20200320T090000	2020	03	20	09:00	56.6	88.7	0.004
20200320T090500	2020	03	20	09:05	56.7	88.8	0.012
20200320T091000	2020	03	20	09:10	56.7	89.6	0.002

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200320T091500	2020	03	20	09:15	56.9	88.5	0
20200320T092000	2020	03	20	09:20	57.1	87.9	0
20200320T092500	2020	03	20	09:25	57.2	87.4	0
20200320T093000	2020	03	20	09:30	57.5	87.1	0
20200320T093500	2020	03	20	09:35	57.7	86.6	0.004
20200320T094000	2020	03	20	09:40	58	86.3	0
20200320T094500	2020	03	20	09:45	58.1	86.3	0
20200320T095000	2020	03	20	09:50	58.2	86.6	0
20200320T095500	2020	03	20	09:55	58.6	85.6	0
20200320T100000	2020	03	20	10:00	58.8	85.6	0
20200320T100500	2020	03	20	10:05	58.9	85.8	0
20200320T101000	2020	03	20	10:10	59.1	85.5	0
20200320T101500	2020	03	20	10:15	59.1	85.8	0
20200320T102000	2020	03	20	10:20	59	86.3	0.006
20200320T102500	2020	03	20	10:25	58.8	87	0.006
20200320T103000	2020	03	20	10:30	58.8	88	0
20200320T103500	2020	03	20	10:35	58.9	87.2	0
20200320T104000	2020	03	20	10:40	59.1	86.4	0
20200320T104500	2020	03	20	10:45	59.3	85.7	0
20200320T105000	2020	03	20	10:50	59.3	85.4	0
20200320T105500	2020	03	20	10:55	59.4	85.3	0.005
20200320T110000	2020	03	20	11:00	59.9	84.3	0
20200320T110500	2020	03	20	11:05	60.2	83.8	0
20200320T111000	2020	03	20	11:10	60.2	83.7	0
20200320T111500	2020	03	20	11:15	60.4	83.4	0
20200320T112000	2020	03	20	11:20	60.5	83.2	0
20200320T112500	2020	03	20	11:25	60.4	83.1	0
20200320T113000	2020	03	20	11:30	60.4	83.5	0
20200320T113500	2020	03	20	11:35	60.6	82.9	0
20200320T114000	2020	03	20	11:40	60.6	83.1	0
20200320T114500	2020	03	20	11:45	60.7	83.4	0
20200320T115000	2020	03	20	11:50	60.8	83.2	0.004
20200320T115500	2020	03	20	11:55	61.2	82.3	0
20200320T120000	2020	03	20	12:00	61.4	81.7	0
20200320T120500	2020	03	20	12:05	61.6	81.1	0
20200320T121000	2020	03	20	12:10	62.1	81.1	0
20200320T121500	2020	03	20	12:15	62	80.3	0
20200320T122000	2020	03	20	12:20	61.7	80.6	0
20200320T122500	2020	03	20	12:25	61.6	80.8	0
20200320T123000	2020	03	20	12:30	61.6	80.7	0
20200320T123500	2020	03	20	12:35	61.6	81.1	0
20200320T124000	2020	03	20	12:40	61.7	80.4	0.004
20200320T124500	2020	03	20	12:45	61.7	80.2	0
20200320T125000	2020	03	20	12:50	61.5	80.6	0
20200320T125500	2020	03	20	12:55	61.3	81.3	0.006
20200320T130000	2020	03	20	13:00	61	82.9	0.01
20200320T130500	2020	03	20	13:05	60.8	83.6	0.014
20200320T131000	2020	03	20	13:10	60.6	84.5	0.004
20200320T131500	2020	03	20	13:15	60.3	85.5	0.014
20200320T132000	2020	03	20	13:20	60.3	85.7	0.005
20200320T132500	2020	03	20	13:25	60.3	85.9	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200320T133000	2020	03	20	13:30	60.6	85.3	0
20200320T133500	2020	03	20	13:35	60.8	84.3	0
20200320T134000	2020	03	20	13:40	61	84.3	0
20200320T134500	2020	03	20	13:45	61.1	84.3	0.006
20200320T135000	2020	03	20	13:50	61.2	84.2	0.004
20200320T135500	2020	03	20	13:55	61.7	83.6	0
20200320T140000	2020	03	20	14:00	61.6	82.7	0
20200320T140500	2020	03	20	14:05	61.7	82.2	0
20200320T141000	2020	03	20	14:10	62.1	82.1	0
20200320T141500	2020	03	20	14:15	62.4	80.6	0
20200320T142000	2020	03	20	14:20	62.6	80.2	0
20200320T142500	2020	03	20	14:25	63.1	78.5	0
20200320T143000	2020	03	20	14:30	63.5	78.3	0
20200320T143500	2020	03	20	14:35	63.6	77	0
20200320T144000	2020	03	20	14:40	64	77.1	0
20200320T144500	2020	03	20	14:45	64.1	75.8	0
20200320T145000	2020	03	20	14:50	63.6	76.1	0
20200320T145500	2020	03	20	14:55	62.7	78.5	0.015
20200320T150000	2020	03	20	15:00	61.1	88.5	0
20200320T150500	2020	03	20	15:05	60.8	88.6	0
20200320T151000	2020	03	20	15:10	61.3	86	0
20200320T151500	2020	03	20	15:15	61.4	83.7	0
20200320T152000	2020	03	20	15:20	61.3	79.2	0
20200320T152500	2020	03	20	15:25	61.5	79.3	0
20200320T153000	2020	03	20	15:30	61.6	79.6	0
20200320T153500	2020	03	20	15:35	61.8	77	0
20200320T154000	2020	03	20	15:40	61.9	78.6	0
20200320T154500	2020	03	20	15:45	61.7	77.5	0
20200320T155000	2020	03	20	15:50	61.6	77.8	0
20200320T155500	2020	03	20	15:55	61.3	76.7	0
20200320T160000	2020	03	20	16:00	61.2	75.4	0
20200320T160500	2020	03	20	16:05	61.3	74.1	0
20200320T161000	2020	03	20	16:10	61.1	72.7	0
20200320T161500	2020	03	20	16:15	60.9	70.4	0
20200320T162000	2020	03	20	16:20	60.6	70.7	0
20200320T162500	2020	03	20	16:25	60	68.3	0
20200320T163000	2020	03	20	16:30	59.5	68.8	0
20200320T163500	2020	03	20	16:35	59.1	70	0
20200320T164000	2020	03	20	16:40	58.7	70.7	0
20200320T164500	2020	03	20	16:45	58.5	70.1	0
20200320T165000	2020	03	20	16:50	57.9	57.9	0
20200320T165500	2020	03	20	16:55	57.6	56.3	0
20200320T170000	2020	03	20	17:00	57.4	57.6	0
20200320T170500	2020	03	20	17:05	56.9	57.1	0
20200320T171000	2020	03	20	17:10	56.3	56.9	0
20200320T171500	2020	03	20	17:15	56.1	56.3	0
20200320T172000	2020	03	20	17:20	55.7	57.5	0
20200320T172500	2020	03	20	17:25	55.1	58.7	0
20200320T173000	2020	03	20	17:30	54.8	58.5	0
20200320T173500	2020	03	20	17:35	54.3	59.5	0
20200320T174000	2020	03	20	17:40	54	60.3	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200320T174500	2020	03	20	17:45	53.5	59.5	0
20200320T175000	2020	03	20	17:50	53.1	60	0
20200320T175500	2020	03	20	17:55	52.7	60.3	0
20200320T180000	2020	03	20	18:00	52.1	61.6	0
20200320T180500	2020	03	20	18:05	51.7	62.6	0
20200320T181000	2020	03	20	18:10	51.4	62.9	0
20200320T181500	2020	03	20	18:15	51.1	63.9	0
20200320T182000	2020	03	20	18:20	50.9	64.1	0
20200320T182500	2020	03	20	18:25	47.3	77.7	0
20200320T183000	2020	03	20	18:30	45.9	81.2	0
20200320T183500	2020	03	20	18:35	45.5	81.5	0
20200320T184000	2020	03	20	18:40	45.3	81	0
20200320T184500	2020	03	20	18:45	45	80.8	0
20200320T185000	2020	03	20	18:50	44.7	80.4	0
20200320T185500	2020	03	20	18:55	44.5	80.5	0
20200320T190000	2020	03	20	19:00	44.4	79.7	0
20200320T190500	2020	03	20	19:05	44	79.9	0
20200320T191000	2020	03	20	19:10	43.7	80.6	0
20200320T191500	2020	03	20	19:15	43.2	82	0
20200320T192000	2020	03	20	19:20	42.6	83.3	0
20200320T192500	2020	03	20	19:25	41.7	82.9	0
20200320T193000	2020	03	20	19:30	41.1	80.1	0
20200320T193500	2020	03	20	19:35	41	79.4	0
20200320T194000	2020	03	20	19:40	40.9	77.8	0
20200320T194500	2020	03	20	19:45	40.7	76.1	0
20200320T195000	2020	03	20	19:50	40.4	73.7	0
20200320T195500	2020	03	20	19:55	40.3	72.3	0
20200320T200000	2020	03	20	20:00	40.3	69.8	0
20200320T200500	2020	03	20	20:05	40.3	69.2	0
20200320T201000	2020	03	20	20:10	40.2	69.6	0
20200320T201500	2020	03	20	20:15	40.1	69.5	0
20200320T202000	2020	03	20	20:20	40	69.5	0
20200320T202500	2020	03	20	20:25	39.7	71.7	0
20200320T203000	2020	03	20	20:30	39.7	71.3	0
20200320T203500	2020	03	20	20:35	39.6	71.6	0
20200320T204000	2020	03	20	20:40	39.5	72.3	0
20200320T204500	2020	03	20	20:45	39.4	73	0
20200320T205000	2020	03	20	20:50	39.3	73.4	0
20200320T205500	2020	03	20	20:55	39.2	73.7	0
20200320T210000	2020	03	20	21:00	39	74	0
20200320T210500	2020	03	20	21:05	38.9	74.7	0
20200320T211000	2020	03	20	21:10	38.7	75.9	0
20200320T211500	2020	03	20	21:15	38.4	76.3	0
20200320T212000	2020	03	20	21:20	37.9	77	0
20200320T212500	2020	03	20	21:25	37.6	77.1	0
20200320T213000	2020	03	20	21:30	37.3	76.8	0
20200320T213500	2020	03	20	21:35	37.1	75.4	0
20200320T214000	2020	03	20	21:40	36.4	73.6	0
20200320T214500	2020	03	20	21:45	35.8	72.5	0
20200320T215000	2020	03	20	21:50	35.6	75.1	0
20200320T215500	2020	03	20	21:55	35.2	76.7	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200320T220000	2020	03	20	22:00	34.3	78	0
20200320T220500	2020	03	20	22:05	33.8	77.6	0
20200320T221000	2020	03	20	22:10	33.5	78.4	0
20200320T221500	2020	03	20	22:15	33	79	0
20200320T222000	2020	03	20	22:20	32.7	80	0
20200320T222500	2020	03	20	22:25	32.5	79.2	0
20200320T223000	2020	03	20	22:30	32.3	79.5	0
20200320T223500	2020	03	20	22:35	32.2	79.7	0
20200320T224000	2020	03	20	22:40	32	79.6	0
20200320T224500	2020	03	20	22:45	31.8	79.1	0
20200320T225000	2020	03	20	22:50	31.7	79.8	0
20200320T225500	2020	03	20	22:55	31.4	79.5	0
20200320T230000	2020	03	20	23:00	31.3	78.8	0
20200320T230500	2020	03	20	23:05	31.2	78.9	0
20200320T231000	2020	03	20	23:10	31.2	79.3	0
20200320T231500	2020	03	20	23:15	31.1	79.2	0
20200320T232000	2020	03	20	23:20	31.1	78.9	0
20200320T232500	2020	03	20	23:25	31	78.3	0
20200320T233000	2020	03	20	23:30	30.8	77.2	0
20200320T233500	2020	03	20	23:35	30.8	78.2	0
20200320T234000	2020	03	20	23:40	30.3	75.7	0
20200320T234500	2020	03	20	23:45	30	74.2	0
20200320T235000	2020	03	20	23:50	30	73.7	0
20200320T235500	2020	03	20	23:55	29.9	74.5	0
20200321T000000	2020	03	21	00:00	29.7	74.2	0
20200321T000500	2020	03	21	00:05	29.7	74.4	0
20200321T001000	2020	03	21	00:10	29.7	73.9	0
20200321T001500	2020	03	21	00:15	29.5	73.3	0
20200321T002000	2020	03	21	00:20	29.4	73.6	0
20200321T002500	2020	03	21	00:25	29.2	73.6	0
20200321T003000	2020	03	21	00:30	29.1	73.4	0
20200321T003500	2020	03	21	00:35	28.9	72.7	0
20200321T004000	2020	03	21	00:40	28.8	71.9	0
20200321T004500	2020	03	21	00:45	28.7	72.1	0
20200321T005000	2020	03	21	00:50	28.6	70.7	0
20200321T005500	2020	03	21	00:55	28.7	70.9	0
20200321T010000	2020	03	21	01:00	28.7	71.6	0
20200321T010500	2020	03	21	01:05	28.5	73.4	0
20200321T011000	2020	03	21	01:10	28.3	73.5	0
20200321T011500	2020	03	21	01:15	28	71.9	0
20200321T012000	2020	03	21	01:20	27.8	71.5	0
20200321T012500	2020	03	21	01:25	27.5	70.8	0
20200321T013000	2020	03	21	01:30	27.2	69.9	0
20200321T013500	2020	03	21	01:35	26.9	67.8	0
20200321T014000	2020	03	21	01:40	26.8	68.2	0
20200321T014500	2020	03	21	01:45	26.5	69	0
20200321T015000	2020	03	21	01:50	26.3	69	0
20200321T015500	2020	03	21	01:55	26.3	69.5	0
20200321T020000	2020	03	21	02:00	26	69.2	0
20200321T020500	2020	03	21	02:05	25.9	70.2	0
20200321T021000	2020	03	21	02:10	25.6	70.1	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200321T021500	2020	03	21	02:15	25.6	70.4	0
20200321T022000	2020	03	21	02:20	25.5	70.5	0
20200321T022500	2020	03	21	02:25	25.5	71	0
20200321T023000	2020	03	21	02:30	25.6	71.8	0
20200321T023500	2020	03	21	02:35	25.3	70.1	0
20200321T024000	2020	03	21	02:40	25.1	70.8	0
20200321T024500	2020	03	21	02:45	24.7	70.4	0
20200321T025000	2020	03	21	02:50	24.2	70.4	0
20200321T025500	2020	03	21	02:55	24	70.6	0
20200321T030000	2020	03	21	03:00	24	71.7	0
20200321T030500	2020	03	21	03:05	23.4	69.3	0
20200321T031000	2020	03	21	03:10	23.1	68	0
20200321T031500	2020	03	21	03:15	22.9	67.7	0
20200321T032000	2020	03	21	03:20	22.7	68.3	0
20200321T032500	2020	03	21	03:25	22.6	69.4	0
20200321T033000	2020	03	21	03:30	22.1	68.2	0
20200321T033500	2020	03	21	03:35	21.9	68.5	0
20200321T034000	2020	03	21	03:40	21.8	68	0
20200321T034500	2020	03	21	03:45	21.8	69.1	0
20200321T035000	2020	03	21	03:50	21.7	70.1	0
20200321T035500	2020	03	21	03:55	21.6	71.2	0
20200321T040000	2020	03	21	04:00	21.6	71.5	0
20200321T040500	2020	03	21	04:05	21.7	71.9	0
20200321T041000	2020	03	21	04:10	21.8	72.4	0
20200321T041500	2020	03	21	04:15	22	72.4	0
20200321T042000	2020	03	21	04:20	21.9	72.9	0
20200321T042500	2020	03	21	04:25	21.6	72.6	0
20200321T043000	2020	03	21	04:30	21.1	70.4	0
20200321T043500	2020	03	21	04:35	20.4	66.8	0
20200321T044000	2020	03	21	04:40	20.3	66.7	0
20200321T044500	2020	03	21	04:45	20.1	67.7	0
20200321T045000	2020	03	21	04:50	19.9	67.3	0
20200321T045500	2020	03	21	04:55	19.6	65.9	0
20200321T050000	2020	03	21	05:00	19.5	65.7	0
20200321T050500	2020	03	21	05:05	19.3	67.3	0
20200321T051000	2020	03	21	05:10	19	65.6	0
20200321T051500	2020	03	21	05:15	18.9	66.2	0
20200321T052000	2020	03	21	05:20	18.6	64.2	0
20200321T052500	2020	03	21	05:25	18.6	65.3	0
20200321T053000	2020	03	21	05:30	18.3	64.1	0
20200321T053500	2020	03	21	05:35	18.1	62.9	0
20200321T054000	2020	03	21	05:40	18	63.9	0
20200321T054500	2020	03	21	05:45	17.7	63.4	0
20200321T055000	2020	03	21	05:50	17.5	61.6	0
20200321T055500	2020	03	21	05:55	17.4	60.8	0
20200321T060000	2020	03	21	06:00	17.3	61.2	0
20200321T060500	2020	03	21	06:05	17.2	61.2	0
20200321T061000	2020	03	21	06:10	17.1	62	0
20200321T061500	2020	03	21	06:15	16.9	62.4	0
20200321T062000	2020	03	21	06:20	16.8	63.5	0
20200321T062500	2020	03	21	06:25	16.6	62.6	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200321T063000	2020	03	21	06:30	16.4	62.3	0
20200321T063500	2020	03	21	06:35	16.1	62.3	0
20200321T064000	2020	03	21	06:40	16	61.5	0
20200321T064500	2020	03	21	06:45	15.9	61.5	0
20200321T065000	2020	03	21	06:50	15.8	62.8	0
20200321T065500	2020	03	21	06:55	15.7	63.6	0
20200321T070000	2020	03	21	07:00	15.5	62.9	0
20200321T070500	2020	03	21	07:05	15.4	63	0
20200321T071000	2020	03	21	07:10	15.4	62.9	0
20200321T071500	2020	03	21	07:15	15.2	62.9	0
20200321T072000	2020	03	21	07:20	15.2	63	0
20200321T072500	2020	03	21	07:25	15.2	62.8	0
20200321T073000	2020	03	21	07:30	15.1	62.6	0
20200321T073500	2020	03	21	07:35	15.2	63.4	0
20200321T074000	2020	03	21	07:40	15.3	63.9	0
20200321T074500	2020	03	21	07:45	15.3	63.3	0
20200321T075000	2020	03	21	07:50	15.2	61.6	0
20200321T075500	2020	03	21	07:55	15.2	60.4	0
20200321T080000	2020	03	21	08:00	15.2	59.7	0
20200321T080500	2020	03	21	08:05	15.3	60.6	0
20200321T081000	2020	03	21	08:10	15.4	61	0
20200321T081500	2020	03	21	08:15	15.5	61.4	0
20200321T082000	2020	03	21	08:20	15.8	61.4	0
20200321T082500	2020	03	21	08:25	15.2	57.5	0
20200321T083000	2020	03	21	08:30	15.6	57.6	0
20200321T083500	2020	03	21	08:35	15.5	56.3	0
20200321T084000	2020	03	21	08:40	15.7	57.6	0
20200321T084500	2020	03	21	08:45	15.8	57.6	0
20200321T085000	2020	03	21	08:50	15.8	58.4	0
20200321T085500	2020	03	21	08:55	15.8	58	0
20200321T090000	2020	03	21	09:00	15.9	55.2	0
20200321T090500	2020	03	21	09:05	15.6	54	0
20200321T091000	2020	03	21	09:10	16	54.8	0
20200321T091500	2020	03	21	09:15	15.6	53.9	0
20200321T092000	2020	03	21	09:20	15.9	53.9	0
20200321T092500	2020	03	21	09:25	16.2	53.9	0
20200321T093000	2020	03	21	09:30	16.2	53.1	0
20200321T093500	2020	03	21	09:35	16.7	54.1	0
20200321T094000	2020	03	21	09:40	16.4	53.2	0
20200321T094500	2020	03	21	09:45	17.3	53.7	0
20200321T095000	2020	03	21	09:50	17	53	0
20200321T095500	2020	03	21	09:55	17.2	53.3	0
20200321T100000	2020	03	21	10:00	17.3	54	0
20200321T100500	2020	03	21	10:05	17.2	54.2	0
20200321T101000	2020	03	21	10:10	17.5	56	0
20200321T101500	2020	03	21	10:15	17.6	54.6	0
20200321T102000	2020	03	21	10:20	17.7	54.2	0
20200321T102500	2020	03	21	10:25	18.2	54.3	0
20200321T103000	2020	03	21	10:30	17.6	53.2	0
20200321T103500	2020	03	21	10:35	18.3	53.8	0
20200321T104000	2020	03	21	10:40	17.7	52	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200321T104500	2020	03	21	10:45	18.1	52.9	0
20200321T105000	2020	03	21	10:50	18.4	53	0
20200321T105500	2020	03	21	10:55	18.7	51.4	0
20200321T110000	2020	03	21	11:00	18.5	49	0
20200321T110500	2020	03	21	11:05	18.6	49.2	0
20200321T111000	2020	03	21	11:10	18.7	48.6	0
20200321T111500	2020	03	21	11:15	19.3	51.7	0
20200321T112000	2020	03	21	11:20	19.5	52.3	0
20200321T112500	2020	03	21	11:25	19.9	52	0
20200321T113000	2020	03	21	11:30	19.7	49.5	0
20200321T113500	2020	03	21	11:35	20.1	49.2	0
20200321T114000	2020	03	21	11:40	20.9	49.8	0
20200321T114500	2020	03	21	11:45	20.7	49.4	0
20200321T115000	2020	03	21	11:50	21.2	51.9	0
20200321T115500	2020	03	21	11:55	20.8	50.2	0
20200321T120000	2020	03	21	12:00	20.7	49.1	0
20200321T120500	2020	03	21	12:05	20.8	48.4	0
20200321T121000	2020	03	21	12:10	21.1	46.8	0
20200321T121500	2020	03	21	12:15	21.5	46.2	0
20200321T122000	2020	03	21	12:20	21.2	45.5	0
20200321T122500	2020	03	21	12:25	21.8	46.2	0
20200321T123000	2020	03	21	12:30	21.9	48.1	0
20200321T123500	2020	03	21	12:35	22.5	49.8	0
20200321T124000	2020	03	21	12:40	22.2	48.9	0
20200321T124500	2020	03	21	12:45	22.5	48.8	0
20200321T125000	2020	03	21	12:50	22.9	47.9	0
20200321T125500	2020	03	21	12:55	22.8	46.7	0
20200321T130000	2020	03	21	13:00	22.6	46.8	0
20200321T130500	2020	03	21	13:05	23.1	47.4	0
20200321T131000	2020	03	21	13:10	24.1	49.4	0
20200321T131500	2020	03	21	13:15	23.8	48.1	0
20200321T132000	2020	03	21	13:20	23.2	48.3	0
20200321T132500	2020	03	21	13:25	23.5	46.9	0
20200321T133000	2020	03	21	13:30	23.4	46.5	0
20200321T133500	2020	03	21	13:35	23.3	45.3	0
20200321T134000	2020	03	21	13:40	23.9	45.5	0
20200321T134500	2020	03	21	13:45	23.1	44.7	0
20200321T135000	2020	03	21	13:50	24	46	0
20200321T135500	2020	03	21	13:55	24.3	45.2	0
20200321T140000	2020	03	21	14:00	23.3	43.4	0
20200321T140500	2020	03	21	14:05	24.6	46.1	0
20200321T141000	2020	03	21	14:10	24.2	45.1	0
20200321T141500	2020	03	21	14:15	24.9	44.3	0
20200321T142000	2020	03	21	14:20	25	43	0
20200321T142500	2020	03	21	14:25	24.4	43.4	0
20200321T143000	2020	03	21	14:30	24.7	45.8	0
20200321T143500	2020	03	21	14:35	25.1	47.1	0
20200321T144000	2020	03	21	14:40	25	47.3	0
20200321T144500	2020	03	21	14:45	24.5	46.7	0
20200321T145000	2020	03	21	14:50	25.1	48	0
20200321T145500	2020	03	21	14:55	24.7	45.1	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200321T150000	2020	03	21	15:00	24.9	44.7	0
20200321T150500	2020	03	21	15:05	24.7	42.1	0
20200321T151000	2020	03	21	15:10	25.3	44.5	0
20200321T151500	2020	03	21	15:15	25.5	45.9	0
20200321T152000	2020	03	21	15:20	24.8	43.4	0
20200321T152500	2020	03	21	15:25	25.5	45	0
20200321T153000	2020	03	21	15:30	25.8	42.9	0
20200321T153500	2020	03	21	15:35	25.7	42.3	0
20200321T154000	2020	03	21	15:40	25.8	41.7	0
20200321T154500	2020	03	21	15:45	26.1	42.2	0
20200321T155000	2020	03	21	15:50	25.8	42.4	0
20200321T155500	2020	03	21	15:55	26.5	42	0
20200321T160000	2020	03	21	16:00	26.9	41.8	0
20200321T160500	2020	03	21	16:05	26	41.4	0
20200321T161000	2020	03	21	16:10	26.1	40.5	0
20200321T161500	2020	03	21	16:15	26.1	41.7	0
20200321T162000	2020	03	21	16:20	26	41.5	0
20200321T162500	2020	03	21	16:25	25.5	41.5	0
20200321T163000	2020	03	21	16:30	26.3	43.9	0
20200321T163500	2020	03	21	16:35	26.4	44.1	0
20200321T164000	2020	03	21	16:40	26.1	42.8	0
20200321T164500	2020	03	21	16:45	26.2	44.1	0
20200321T165000	2020	03	21	16:50	26	44.3	0
20200321T165500	2020	03	21	16:55	26.3	42.8	0
20200321T170000	2020	03	21	17:00	26.4	42.5	0
20200321T170500	2020	03	21	17:05	25.4	41.6	0
20200321T171000	2020	03	21	17:10	25.8	42.1	0
20200321T171500	2020	03	21	17:15	25.9	44.2	0
20200321T172000	2020	03	21	17:20	25.8	42.2	0
20200321T172500	2020	03	21	17:25	26.2	43.8	0
20200321T173000	2020	03	21	17:30	25.3	42	0
20200321T173500	2020	03	21	17:35	25.4	43.6	0
20200321T174000	2020	03	21	17:40	25.1	42.5	0
20200321T174500	2020	03	21	17:45	25.4	43.7	0
20200321T175000	2020	03	21	17:50	25.3	43.9	0
20200321T175500	2020	03	21	17:55	25.7	44.9	0
20200321T180000	2020	03	21	18:00	25.3	43.2	0
20200321T180500	2020	03	21	18:05	24.7	42.8	0
20200321T181000	2020	03	21	18:10	24.9	43.8	0
20200321T181500	2020	03	21	18:15	24.7	43.6	0
20200321T182000	2020	03	21	18:20	24.4	43.3	0
20200321T182500	2020	03	21	18:25	23.9	42.2	0
20200321T183000	2020	03	21	18:30	23.7	41.4	0
20200321T183500	2020	03	21	18:35	23.6	40.4	0
20200321T184000	2020	03	21	18:40	23.3	41.1	0
20200321T184500	2020	03	21	18:45	23.4	43.3	0
20200321T185000	2020	03	21	18:50	23.3	43.9	0
20200321T185500	2020	03	21	18:55	23	44.9	0
20200321T190000	2020	03	21	19:00	22.8	45.2	0
20200321T190500	2020	03	21	19:05	22.6	44.6	0
20200321T191000	2020	03	21	19:10	22.4	44.2	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200321T191500	2020	03	21	19:15	22.3	44.9	0
20200321T192000	2020	03	21	19:20	22.2	45.6	0
20200321T192500	2020	03	21	19:25	22.1	47.8	0
20200321T193000	2020	03	21	19:30	22	47.1	0
20200321T193500	2020	03	21	19:35	22.2	47.1	0
20200321T194000	2020	03	21	19:40	22.2	49.5	0
20200321T194500	2020	03	21	19:45	22.2	49.1	0
20200321T195000	2020	03	21	19:50	22.1	49.2	0
20200321T195500	2020	03	21	19:55	22.2	49.2	0
20200321T200000	2020	03	21	20:00	22.1	47.7	0
20200321T200500	2020	03	21	20:05	21.4	53	0
20200321T201000	2020	03	21	20:10	21.1	52.2	0
20200321T201500	2020	03	21	20:15	21.1	52.3	0
20200321T202000	2020	03	21	20:20	20.9	52.9	0
20200321T202500	2020	03	21	20:25	20.8	52.4	0
20200321T203000	2020	03	21	20:30	20.5	55	0
20200321T203500	2020	03	21	20:35	20.9	54.2	0
20200321T204000	2020	03	21	20:40	21.1	51.9	0
20200321T204500	2020	03	21	20:45	21.2	51.2	0
20200321T205000	2020	03	21	20:50	21	52.1	0
20200321T205500	2020	03	21	20:55	20.9	51.9	0
20200321T210000	2020	03	21	21:00	20.8	52.4	0
20200321T210500	2020	03	21	21:05	20.6	52.4	0
20200321T211000	2020	03	21	21:10	20.3	53.2	0
20200321T211500	2020	03	21	21:15	20.3	53.5	0
20200321T212000	2020	03	21	21:20	20	54.4	0
20200321T212500	2020	03	21	21:25	20.2	52.9	0
20200321T213000	2020	03	21	21:30	20.3	52.8	0
20200321T213500	2020	03	21	21:35	20	55	0
20200321T214000	2020	03	21	21:40	19.6	56.7	0
20200321T214500	2020	03	21	21:45	19.5	56.2	0
20200321T215000	2020	03	21	21:50	19.4	57.2	0
20200321T215500	2020	03	21	21:55	19.6	56.5	0
20200321T220000	2020	03	21	22:00	19.2	57.4	0
20200321T220500	2020	03	21	22:05	19.3	57.4	0
20200321T221000	2020	03	21	22:10	19.4	55.9	0
20200321T221500	2020	03	21	22:15	19.3	56.9	0
20200321T222000	2020	03	21	22:20	19.3	58.9	0
20200321T222500	2020	03	21	22:25	19.8	56.2	0
20200321T223000	2020	03	21	22:30	20	53.9	0
20200321T223500	2020	03	21	22:35	19.8	54.1	0
20200321T224000	2020	03	21	22:40	19.7	55.4	0
20200321T224500	2020	03	21	22:45	19.6	55	0
20200321T225000	2020	03	21	22:50	19.7	55.6	0
20200321T225500	2020	03	21	22:55	19.5	55.9	0
20200321T230000	2020	03	21	23:00	19.4	57.9	0
20200321T230500	2020	03	21	23:05	19.5	56.5	0
20200321T231000	2020	03	21	23:10	19.7	55.3	0
20200321T231500	2020	03	21	23:15	19.7	54.8	0
20200321T232000	2020	03	21	23:20	19.7	55.4	0
20200321T232500	2020	03	21	23:25	19.6	56	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200321T233000	2020	03	21	23:30	19.7	56.4	0
20200321T233500	2020	03	21	23:35	19.5	57	0
20200321T234000	2020	03	21	23:40	19.5	57.5	0
20200321T234500	2020	03	21	23:45	19.3	57.3	0
20200321T235000	2020	03	21	23:50	19.2	59.9	0
20200321T235500	2020	03	21	23:55	18.9	61	0
20200321T224000	2020	03	21	22:40	18.6	62.7	0
20200321T224500	2020	03	21	22:45	18.3	63.7	0
20200321T225000	2020	03	21	22:50	17.9	65.3	0
20200321T225500	2020	03	21	22:55	18.5	64.9	0
20200321T230000	2020	03	21	23:00	17.9	66	0
20200321T230500	2020	03	21	23:05	17.4	66.9	0
20200321T231000	2020	03	21	23:10	17.7	66.4	0
20200321T231500	2020	03	21	23:15	17.9	67.2	0
20200321T232000	2020	03	21	23:20	17.9	66.2	0
20200321T232500	2020	03	21	23:25	18.1	64.4	0
20200321T233000	2020	03	21	23:30	18.4	62.8	0
20200321T233500	2020	03	21	23:35	18	62.5	0
20200321T234000	2020	03	21	23:40	17.7	64.4	0
20200321T234500	2020	03	21	23:45	16.8	67.1	0
20200321T235000	2020	03	21	23:50	17.1	68.8	0
20200321T235500	2020	03	21	23:55	17.3	66.9	0
20200321T224000	2020	03	21	22:40	17.1	68.3	0
20200321T224500	2020	03	21	22:45	17	68.5	0
20200321T225000	2020	03	21	22:50	17	69	0
20200321T225500	2020	03	21	22:55	17.1	68.2	0
20200321T230000	2020	03	21	23:00	17.2	68.7	0
20200321T230500	2020	03	21	23:05	17.2	68.2	0
20200321T231000	2020	03	21	23:10	17.1	68.2	0
20200321T231500	2020	03	21	23:15	17	69	0
20200321T232000	2020	03	21	23:20	17.2	67.7	0
20200321T232500	2020	03	21	23:25	17	69.8	0
20200321T233000	2020	03	21	23:30	17.3	67.6	0
20200321T233500	2020	03	21	23:35	17.4	67.1	0
20200321T234000	2020	03	21	23:40	15.4	69.9	0
20200321T234500	2020	03	21	23:45	16	69.5	0
20200321T235000	2020	03	21	23:50	16.1	67.7	0
20200321T235500	2020	03	21	23:55	15.7	66.8	0
20200321T224000	2020	03	21	22:40	15.7	67	0
20200321T224500	2020	03	21	22:45	15.9	67.7	0
20200321T225000	2020	03	21	22:50	15.7	68.1	0
20200321T225500	2020	03	21	22:55	15.7	67.6	0
20200321T230000	2020	03	21	23:00	16	66.7	0
20200321T230500	2020	03	21	23:05	15.7	66.6	0
20200321T231000	2020	03	21	23:10	15.8	66.8	0
20200321T231500	2020	03	21	23:15	15.9	67.3	0
20200321T232000	2020	03	21	23:20	15.7	67.4	0
20200321T232500	2020	03	21	23:25	15.4	67.9	0
20200321T233000	2020	03	21	23:30	15.2	68.5	0
20200321T233500	2020	03	21	23:35	15.2	68.2	0
20200321T234000	2020	03	21	23:40	14.5	69.1	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200321T234500	2020	03	21	23:45	14.5	71.6	0
20200321T235000	2020	03	21	23:50	14.9	72.3	0
20200321T235500	2020	03	21	23:55	15	72.4	0
20200321T224000	2020	03	21	22:40	15.1	71.2	0
20200321T224500	2020	03	21	22:45	15.2	69.5	0
20200321T225000	2020	03	21	22:50	15.1	69.2	0
20200321T225500	2020	03	21	22:55	14.4	67.8	0
20200321T230000	2020	03	21	23:00	14.2	68	0
20200321T230500	2020	03	21	23:05	14.9	67.7	0
20200321T231000	2020	03	21	23:10	15.4	66.5	0
20200321T231500	2020	03	21	23:15	15.6	66.2	0
20200321T232000	2020	03	21	23:20	15.8	65.7	0
20200321T232500	2020	03	21	23:25	15.8	65.4	0
20200321T233000	2020	03	21	23:30	15.4	65	0
20200321T233500	2020	03	21	23:35	15.4	65.2	0
20200321T234000	2020	03	21	23:40	15.3	66.2	0
20200321T234500	2020	03	21	23:45	14.9	68.8	0
20200321T235000	2020	03	21	23:50	15.2	67.8	0
20200321T235500	2020	03	21	23:55	15.2	65.8	0
20200321T224000	2020	03	21	22:40	14.3	66.3	0
20200321T224500	2020	03	21	22:45	14.2	67.7	0
20200321T225000	2020	03	21	22:50	13.7	69.4	0
20200321T225500	2020	03	21	22:55	14.1	70.2	0
20200321T230000	2020	03	21	23:00	14.5	69.2	0
20200321T230500	2020	03	21	23:05	14.6	68.8	0
20200321T231000	2020	03	21	23:10	14.4	67.8	0
20200321T231500	2020	03	21	23:15	14.3	66.7	0
20200321T232000	2020	03	21	23:20	14.2	66.5	0
20200321T232500	2020	03	21	23:25	14.2	66.2	0
20200321T233000	2020	03	21	23:30	14	66.1	0
20200321T233500	2020	03	21	23:35	13.7	67.1	0
20200321T234000	2020	03	21	23:40	13.5	67.4	0
20200321T234500	2020	03	21	23:45	13.4	66.2	0
20200321T235000	2020	03	21	23:50	12.9	65.1	0
20200321T235500	2020	03	21	23:55	12.7	65.9	0
20200321T224000	2020	03	21	22:40	13.7	66.4	0
20200321T224500	2020	03	21	22:45	13.7	66.8	0
20200321T225000	2020	03	21	22:50	13	68.9	0
20200321T225500	2020	03	21	22:55	13	70.3	0
20200321T230000	2020	03	21	23:00	13.5	69.2	0
20200321T230500	2020	03	21	23:05	13.7	68.3	0
20200321T231000	2020	03	21	23:10	13.9	68.2	0
20200321T231500	2020	03	21	23:15	14.1	67	0
20200321T232000	2020	03	21	23:20	14.1	67.1	0
20200321T232500	2020	03	21	23:25	14.2	67.2	0
20200321T233000	2020	03	21	23:30	14.5	67.7	0
20200321T233500	2020	03	21	23:35	15	67.9	0
20200321T234000	2020	03	21	23:40	15.4	67.4	0
20200321T234500	2020	03	21	23:45	15.9	65.6	0
20200321T235000	2020	03	21	23:50	16.2	65.2	0
20200321T235500	2020	03	21	23:55	16.4	64.6	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200321T224000	2020	03	21	22:40	16.8	63.6	0
20200321T224500	2020	03	21	22:45	17.3	63.1	0
20200321T225000	2020	03	21	22:50	17.6	61.3	0
20200321T225500	2020	03	21	22:55	17.7	62.6	0
20200321T230000	2020	03	21	23:00	17.8	60.4	0
20200321T230500	2020	03	21	23:05	18.2	58.5	0
20200321T231000	2020	03	21	23:10	18.3	57.4	0
20200321T231500	2020	03	21	23:15	18.7	58	0
20200321T232000	2020	03	21	23:20	19.1	58.7	0
20200321T232500	2020	03	21	23:25	19	56.1	0
20200321T233000	2020	03	21	23:30	19.4	56.4	0
20200321T233500	2020	03	21	23:35	19.7	53.3	0
20200321T234000	2020	03	21	23:40	19.9	54.1	0
20200321T234500	2020	03	21	23:45	19.7	51.5	0
20200321T235000	2020	03	21	23:50	19.9	52.3	0
20200321T235500	2020	03	21	23:55	20.4	53.3	0
20200321T224000	2020	03	21	22:40	20.5	52	0
20200321T224500	2020	03	21	22:45	20.5	51.6	0
20200321T225000	2020	03	21	22:50	20.8	51.5	0
20200321T225500	2020	03	21	22:55	20.9	51.9	0
20200321T230000	2020	03	21	23:00	21.2	51.4	0
20200321T230500	2020	03	21	23:05	21.3	50.8	0
20200321T231000	2020	03	21	23:10	21.4	49.3	0
20200321T231500	2020	03	21	23:15	21.3	49.4	0
20200321T232000	2020	03	21	23:20	21.7	50.2	0
20200321T232500	2020	03	21	23:25	21.6	48.3	0
20200321T233000	2020	03	21	23:30	21.9	49.4	0
20200321T233500	2020	03	21	23:35	22	48.8	0
20200321T234000	2020	03	21	23:40	22.9	48.3	0
20200321T234500	2020	03	21	23:45	23	47.4	0
20200321T235000	2020	03	21	23:50	23.1	47.3	0
20200321T235500	2020	03	21	23:55	23	46.2	0
20200321T224000	2020	03	21	22:40	23.6	46.9	0
20200321T224500	2020	03	21	22:45	23.3	45.9	0
20200321T225000	2020	03	21	22:50	23.5	43.6	0
20200321T225500	2020	03	21	22:55	24.2	45.1	0
20200321T230000	2020	03	21	23:00	24.1	45.2	0
20200321T230500	2020	03	21	23:05	23.6	42.4	0
20200321T231000	2020	03	21	23:10	24.1	42	0
20200321T231500	2020	03	21	23:15	24.3	43.5	0
20200321T232000	2020	03	21	23:20	24.7	41	0
20200321T232500	2020	03	21	23:25	24.5	40.5	0
20200321T233000	2020	03	21	23:30	24.7	40.9	0
20200321T233500	2020	03	21	23:35	24.7	42.3	0
20200321T234000	2020	03	21	23:40	25.3	42.7	0
20200321T234500	2020	03	21	23:45	26.2	42	0
20200321T235000	2020	03	21	23:50	25.5	40.1	0
20200321T235500	2020	03	21	23:55	25.8	40.3	0
20200321T224000	2020	03	21	22:40	25.6	39.5	0
20200321T224500	2020	03	21	22:45	26.2	40.2	0
20200321T225000	2020	03	21	22:50	25.8	38.8	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200321T225500	2020	03	21	22:55	25.9	37.6	0
20200321T230000	2020	03	21	23:00	26.8	38.9	0
20200321T230500	2020	03	21	23:05	27.2	37.7	0
20200321T231000	2020	03	21	23:10	26.8	35.7	0
20200321T231500	2020	03	21	23:15	27.3	38	0
20200321T232000	2020	03	21	23:20	26.4	35.6	0
20200321T232500	2020	03	21	23:25	26.2	36.6	0
20200321T233000	2020	03	21	23:30	26.7	36.2	0
20200321T233500	2020	03	21	23:35	27.5	35.7	0
20200321T234000	2020	03	21	23:40	28.1	38	0
20200321T234500	2020	03	21	23:45	27.7	36	0
20200321T235000	2020	03	21	23:50	27.7	36.6	0
20200321T235500	2020	03	21	23:55	28	36.3	0
20200321T224000	2020	03	21	22:40	28.7	36.8	0
20200321T224500	2020	03	21	22:45	27.5	34.1	0
20200321T225000	2020	03	21	22:50	28.5	36.3	0
20200321T225500	2020	03	21	22:55	28.8	35.7	0
20200321T230000	2020	03	21	23:00	28.7	36.4	0
20200321T230500	2020	03	21	23:05	28.4	35.8	0
20200321T231000	2020	03	21	23:10	28.7	35.7	0
20200321T231500	2020	03	21	23:15	28.4	34.9	0
20200321T232000	2020	03	21	23:20	29.4	36.3	0
20200321T232500	2020	03	21	23:25	29.4	35.6	0
20200321T233000	2020	03	21	23:30	28.9	35.3	0
20200321T233500	2020	03	21	23:35	29.8	36.5	0
20200321T234000	2020	03	21	23:40	29.1	34.3	0
20200321T234500	2020	03	21	23:45	29.4	34.8	0
20200321T235000	2020	03	21	23:50	29.4	35.3	0
20200321T235500	2020	03	21	23:55	29.9	35.9	0
20200321T224000	2020	03	21	22:40	30.1	35.8	0
20200321T224500	2020	03	21	22:45	30.5	36.9	0
20200321T225000	2020	03	21	22:50	30.5	36.9	0
20200321T225500	2020	03	21	22:55	30	36.6	0
20200321T230000	2020	03	21	23:00	30.2	37.3	0
20200321T230500	2020	03	21	23:05	30.3	38.9	0
20200321T231000	2020	03	21	23:10	30.9	39	0
20200321T231500	2020	03	21	23:15	30.7	38.9	0
20200321T232000	2020	03	21	23:20	30.3	38.4	0
20200321T232500	2020	03	21	23:25	30.2	37.3	0
20200321T233000	2020	03	21	23:30	30.7	39.1	0
20200321T233500	2020	03	21	23:35	31	38.9	0
20200321T234000	2020	03	21	23:40	31.2	39.9	0
20200321T234500	2020	03	21	23:45	30.8	38.3	0
20200321T235000	2020	03	21	23:50	31	38.2	0
20200321T235500	2020	03	21	23:55	31.1	39.1	0
20200321T224000	2020	03	21	22:40	30.7	37.2	0
20200321T224500	2020	03	21	22:45	30.7	37.7	0
20200321T225000	2020	03	21	22:50	30.9	37.1	0
20200321T225500	2020	03	21	22:55	31.4	38.3	0
20200321T230000	2020	03	21	23:00	31	37.4	0
20200321T230500	2020	03	21	23:05	31.2	37.8	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200321T231000	2020	03	21	23:10	30.8	37.7	0
20200321T231500	2020	03	21	23:15	30.7	37.6	0
20200321T232000	2020	03	21	23:20	30.9	38.5	0
20200321T232500	2020	03	21	23:25	31.4	38.2	0
20200321T233000	2020	03	21	23:30	31.1	38.3	0
20200321T233500	2020	03	21	23:35	30.8	38.2	0
20200321T234000	2020	03	21	23:40	30.8	37.9	0
20200321T234500	2020	03	21	23:45	30.9	38.5	0
20200321T235000	2020	03	21	23:50	30.7	37.3	0
20200321T235500	2020	03	21	23:55	30.6	37.1	0
20200321T224000	2020	03	21	22:40	30.8	38.9	0
20200321T224500	2020	03	21	22:45	30.7	38.7	0
20200321T225000	2020	03	21	22:50	30.3	38.1	0
20200321T225500	2020	03	21	22:55	30.1	38.9	0
20200321T230000	2020	03	21	23:00	30.3	39.1	0
20200321T230500	2020	03	21	23:05	30.3	38.2	0
20200321T231000	2020	03	21	23:10	30.2	39	0
20200321T231500	2020	03	21	23:15	29.9	38.4	0
20200321T232000	2020	03	21	23:20	29.7	39.6	0
20200321T232500	2020	03	21	23:25	29.7	39.9	0
20200321T233000	2020	03	21	23:30	29.6	39.1	0
20200321T233500	2020	03	21	23:35	29.5	39.7	0
20200321T234000	2020	03	21	23:40	29.4	41.7	0
20200321T234500	2020	03	21	23:45	29.3	42.2	0
20200321T235000	2020	03	21	23:50	29.4	41.7	0
20200321T235500	2020	03	21	23:55	29.8	41.1	0
20200321T224000	2020	03	21	22:40	29.7	40.2	0
20200321T224500	2020	03	21	22:45	29.4	41.3	0
20200321T225000	2020	03	21	22:50	29.1	41.2	0
20200321T225500	2020	03	21	22:55	28.9	43	0
20200321T230000	2020	03	21	23:00	28.8	43.1	0
20200321T230500	2020	03	21	23:05	28.5	44.5	0
20200321T231000	2020	03	21	23:10	28.3	44.6	0
20200321T231500	2020	03	21	23:15	27.9	45.9	0
20200321T232000	2020	03	21	23:20	27.7	46.5	0
20200321T232500	2020	03	21	23:25	27.3	48.1	0
20200321T233000	2020	03	21	23:30	27.2	48.3	0
20200321T233500	2020	03	21	23:35	27.2	48.1	0
20200321T234000	2020	03	21	23:40	27	48.2	0
20200321T234500	2020	03	21	23:45	26.9	48.3	0
20200321T235000	2020	03	21	23:50	26.9	47.6	0
20200321T235500	2020	03	21	23:55	26.8	47.6	0
20200321T224000	2020	03	21	22:40	26.4	48.8	0
20200321T224500	2020	03	21	22:45	26.2	49.5	0
20200321T225000	2020	03	21	22:50	26.1	49.4	0
20200321T225500	2020	03	21	22:55	26	49.4	0
20200321T230000	2020	03	21	23:00	25.7	50	0
20200321T230500	2020	03	21	23:05	25.1	52	0
20200321T231000	2020	03	21	23:10	25.2	51.3	0
20200321T231500	2020	03	21	23:15	24.8	52.7	0
20200321T232000	2020	03	21	23:20	24.5	53.4	0

Table C-2: Winter SUNY MesoNet Meteorological Data (Malone - Station)

Raw Date/Time	Year	Month	Day	Time	Temperature [F]	Relative Humidity [%]	Precipitation [in]
20200321T232500	2020	03	21	23:25	24	54.9	0
20200321T233000	2020	03	21	23:30	23.9	55	0
20200321T233500	2020	03	21	23:35	23.3	56.8	0
20200321T234000	2020	03	21	23:40	23.2	56.1	0
20200321T234500	2020	03	21	23:45	23	53.8	0
20200321T235000	2020	03	21	23:50	22.7	54.2	0
20200321T235500	2020	03	21	23:55	22.6	54.9	0
20200321T224000	2020	03	21	22:40	21.5	56.9	0
20200321T224500	2020	03	21	22:45	21.7	58	0
20200321T225000	2020	03	21	22:50	21.2	59.7	0
20200321T225500	2020	03	21	22:55	21.8	57.6	0
20200321T230000	2020	03	21	23:00	23.9	50.4	0
20200321T230500	2020	03	21	23:05	25.1	45	0
20200321T231000	2020	03	21	23:10	25.6	43	0
20200321T231500	2020	03	21	23:15	25.5	43	0
20200321T232000	2020	03	21	23:20	25.5	43.3	0
20200321T232500	2020	03	21	23:25	25.4	43.6	0
20200321T233000	2020	03	21	23:30	25.3	43.1	0
20200321T233500	2020	03	21	23:35	25	44	0
20200321T234000	2020	03	21	23:40	24.7	45.2	0
20200321T234500	2020	03	21	23:45	24.8	44.8	0
20200321T235000	2020	03	21	23:50	24.6	45.5	0
20200321T235500	2020	03	21	23:55	24.4	46.2	0
20200321T224000	2020	03	21	22:40	24.4	46.3	0
20200321T224500	2020	03	21	22:45	24.2	45.9	0
20200321T225000	2020	03	21	22:50	24.2	45.3	0
20200321T225500	2020	03	21	22:55	23.8	46.1	0
20200321T230000	2020	03	21	23:00	23	47.3	0
20200321T230500	2020	03	21	23:05	22.6	48.3	0
20200321T231000	2020	03	21	23:10	22.8	47.5	0
20200321T231500	2020	03	21	23:15	22.6	47.4	0
20200321T232000	2020	03	21	23:20	22.9	46.6	0
20200321T232500	2020	03	21	23:25	22.3	47.5	0
20200321T233000	2020	03	21	23:30	22.4	47.5	0
20200321T233500	2020	03	21	23:35	22.3	47.7	0
20200321T234000	2020	03	21	23:40	22.1	49.2	0
20200321T234500	2020	03	21	23:45	21.2	52.1	0
20200321T235000	2020	03	21	23:50	20.9	52.3	0
20200321T235500	2020	03	21	23:55	21.8	49.6	0