SUMMARY OF METEOROLOGICAL DATA AT THE NATIONAL ENRICHMENT FACILITY MONITORING STATION APRIL - JUNE 2012

Prepared for:

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TABLE OF CONTENTS

Table of Contents
Continued

Figure **Page**

Table

Appendices

Table of Contents
Continued

Appendices

SUMMARY OF METEOROLOGICAL DATA AT THE NATIONAL ENRICHMENT FACILITY MONITORING STATION APRIL - JUNE 2012

1.0 INTRODUCTION

This data report, prepared for Louisiana Energy Services, Inc (LES) by Meteorological Solutions Inc. (MSI), summarizes the meteorological data collected from April 1 through June 30, 2012 at a monitoring station located at the National Enrichment Facility (NEF) in Lea County, New Mexico.

1.1 Background

On June 25, 2009, meteorological equipment was installed on a 40-meter tower at the NEF monitoring location. Measurements collected on the solar-powered tower consist of horizontal wind speed and wind direction at 10 and 40 meters, temperature at 10 and 40 meters, relative humidity at 10 meters, solar radiation at 2 meters, precipitation and barometric pressure at 1 meter. Official meteorological monitoring began on September 8, 2009 at 13:00.

1.2 Monitoring Station Description

The meteorological monitoring site is located on the north side of the complex. Figure 1.1 presents the approximate location of the NEF meteorological monitoring station in relation to Eunice, New Mexico.

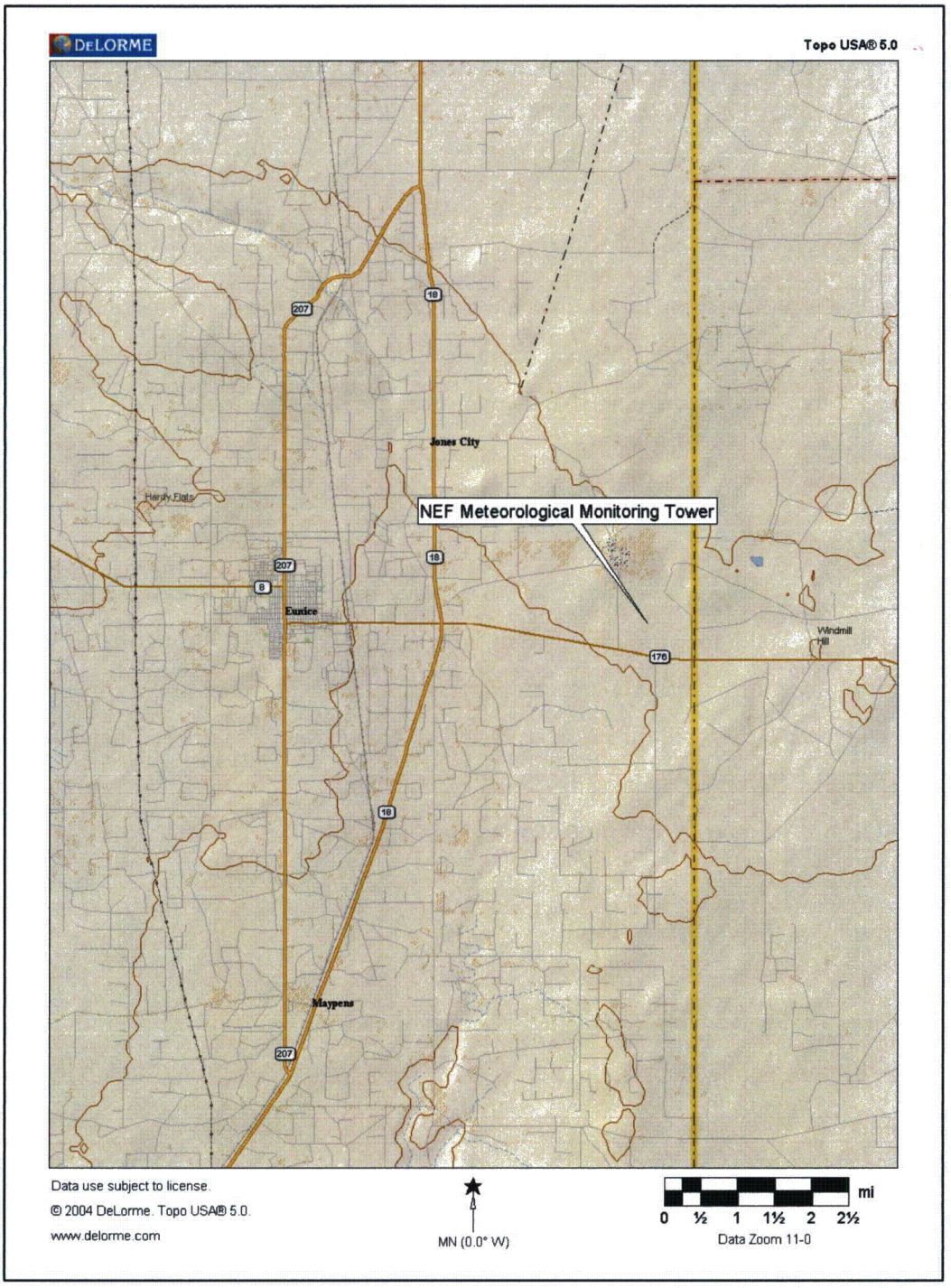


Figure 1.1 Location of NEF Meteorological Monitoring Station

The meteorological equipment operating at the station is listed in Table 1-1.

Table 1-1

NEF Meteorological Monitoring Equipment

Parameter	Sensor/Monitor Model	Serial Number
Wind Direction	Climatronics Model 100076	4982 - 10M
	Climatronics Model 100076	4984 - 40M
Wind Speed	Climatronics Model 100075	5333 - 10M
	Climatronics Model 100075	5332 - 40M
Temperature	RM Young Model 43132	14111 - 10M
	RM Young Model 43132	14114 - 40M
Relative Humidity	Vaisala Model HMP45AC	D2020110
Solar Radiation	Kipp & Zonen Model CMP3	80360
Barometric Pressure	Vaisala Model PTB110	D2220013
Precipitation	Met One Model 385	H6651

1.3 Data Acquisition

Data from the instruments listed in Table 1-1 are collected and stored by a Campbell Scientific Inc. Model CR3000 data logger. Measurements are made every second and averages are computed by the data logger and recorded every 15 minutes.

The NEF data logger is interrogated every day by MSI via Internet and the data are copied to a MSI computer. The data logger telecommunications software performs dynamic error checking during download to ensure that an exact duplicate file is created. Any failures in instrumentation or data acquisition are identified within one day of occurrence so that field personnel are able to correct problems in a timely manner in order to prevent excessive data loss.

The data collected during each interrogation were checked for consistency and the parameters were plotted for visual inspection. The quality assurance stacked parameter/time plots for the months of April through June are presented in Appendix A. Data presented in Appendix A represent the final, quality assured data set. Hourly values provided in this report are the arithmetic hourly averages of the recorded fifteen-minute averages from the data logger. If fewer than 45 minutes are available, the hour is considered "missing".

2.0 DATA SUMMARY

This section of the report summarizes the data results and data recovery for April through June 2012. Hourly data for the period are tabulated in the appendices. These appendix tables display the hourly average of measurements recorded in the hour "ending"; that is, the first hour of the day is labeled 01, meaning the hour beginning at 00:00:01 and ending at 01:00:00 a.m. The second hour is labeled 02, meaning the values collected from 01:00:01 a.m. to 02:00:00 a.m.

2.1 Meteorological Data

Meteorological data records from the NEF monitoring site include wind direction and horizontal wind speed at 10 and 40 meters, temperature at 10 and 40 meters, vertical temperature difference between 10 and 40 meters, relative humidity at 10 meters, solar radiation at 2 meters, barometric pressure at 1.5 meters, and precipitation at 1 meter.

2.1.1 Wind Speed and Horizontal Wind Direction

Figures 2.1 through 2.3 provide diagrams of the joint frequency of occurrence distributions (wind rose) of wind speed and wind direction by month for the second calendar year quarter (April through June 2012) for the 10-meter level. Figure 2.4 presents the second quarter 10-meter level wind rose. Figures 2.5 through 2.7 provide wind roses by month for April through June for the 40-meter level. Figure 2.8 presents the second quarter 40-meter level wind rose. Summary tables of hourly average wind direction and wind speed for the 10- and 40-meter levels for the second quarter are presented in Appendix B.

The most frequent (and predominant) winds in April through June at the 10-meter level were from the south-southeast followed by the south. The most frequent winds at the 40-meter level were from the south followed by the south-southeast. Reported wind directions represent the directions from which the wind is blowing.

For April through June, at the 10- and 40-meter levels, no calm winds were reported. For April through June, the percentage of wind speeds that were less than or equal to 10 mps (22 mph) was 98.3 percent at the 10-meter level and 92.0 percent at the 40-meter level. At the 10-meter level, 0.0 percent of the winds were greater than 16 mps (35 mph). At the 40-meter level, 0.2 percent of the winds were greater than 16 mps.

For April through June at the 10- and 40-meter levels, the sector with the highest average wind speed was the northeast.

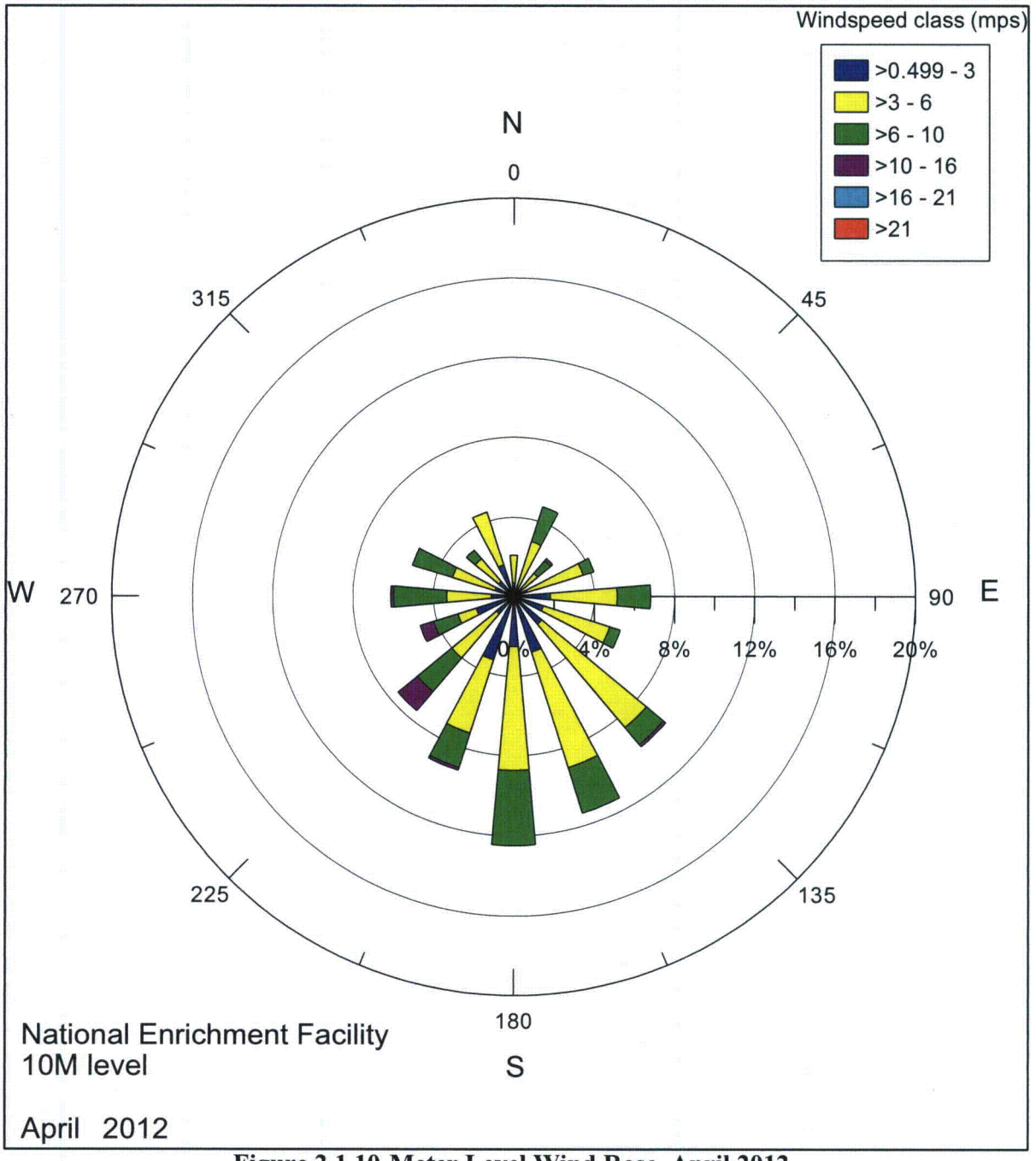


Figure 2.1 10-Meter Level Wind Rose, April 2012.

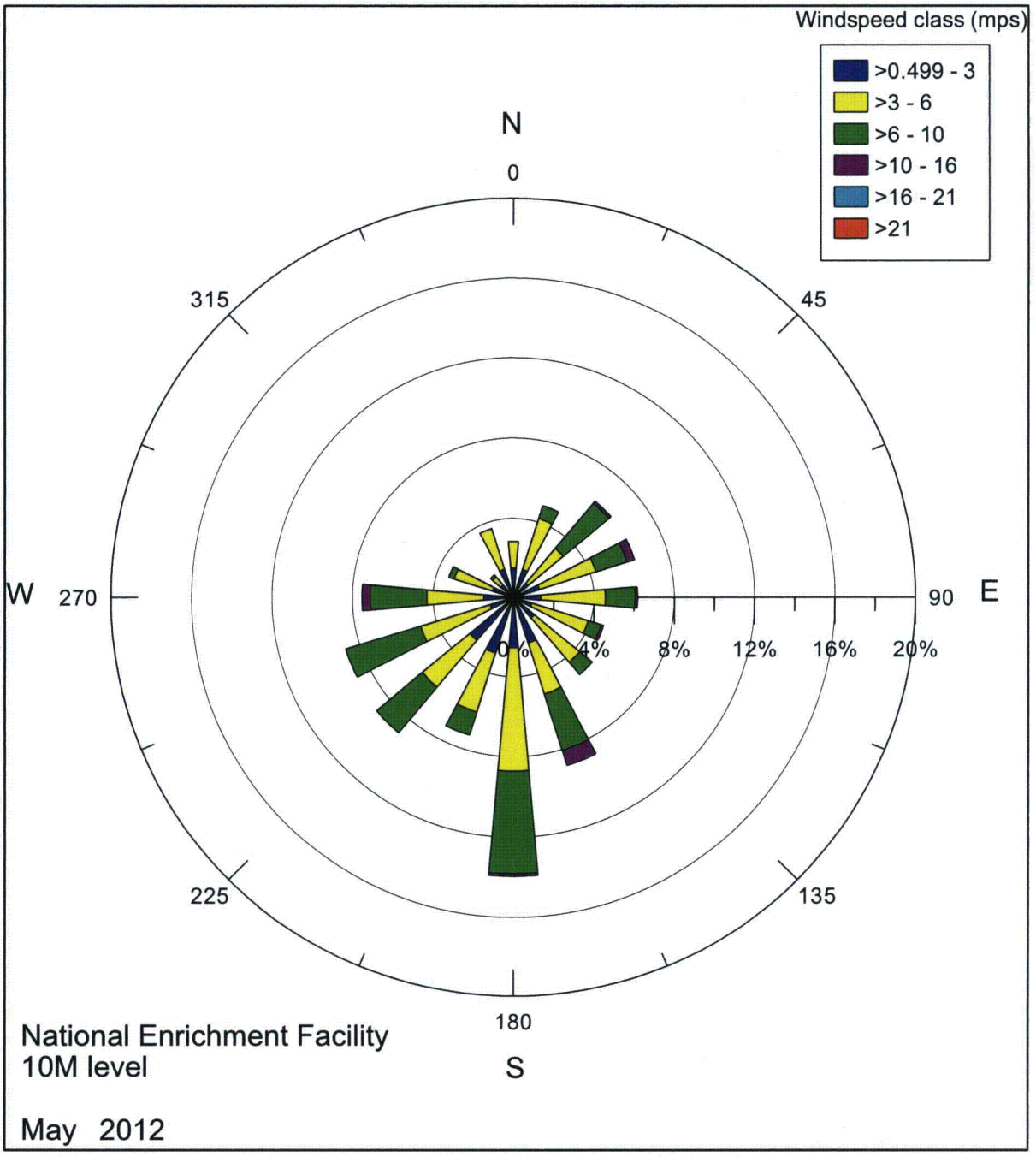


Figure 2.2 10-Meter Level Wind Rose, May 2012.

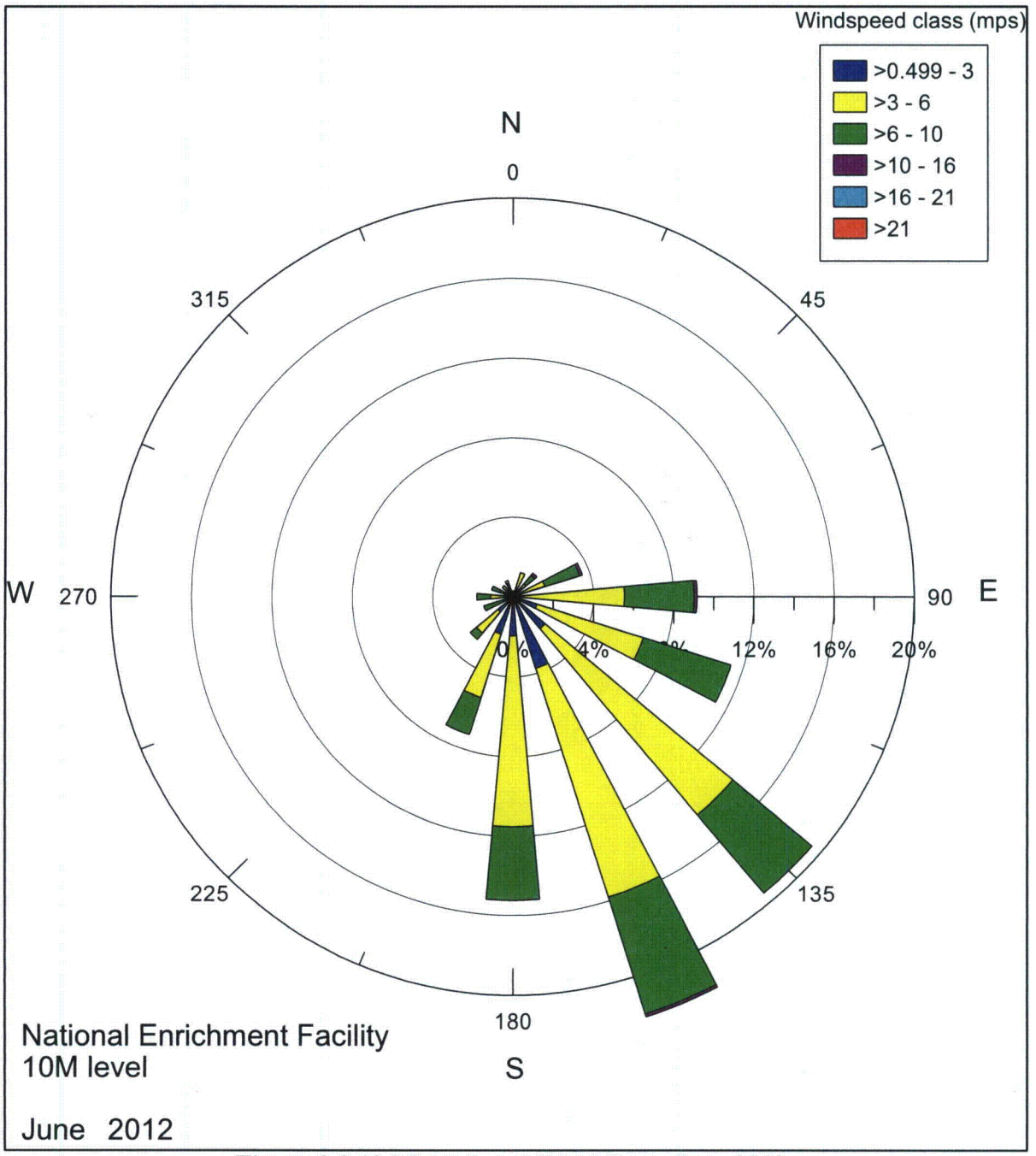


Figure 2.3 10-Meter Level Wind Rose, June 2012.

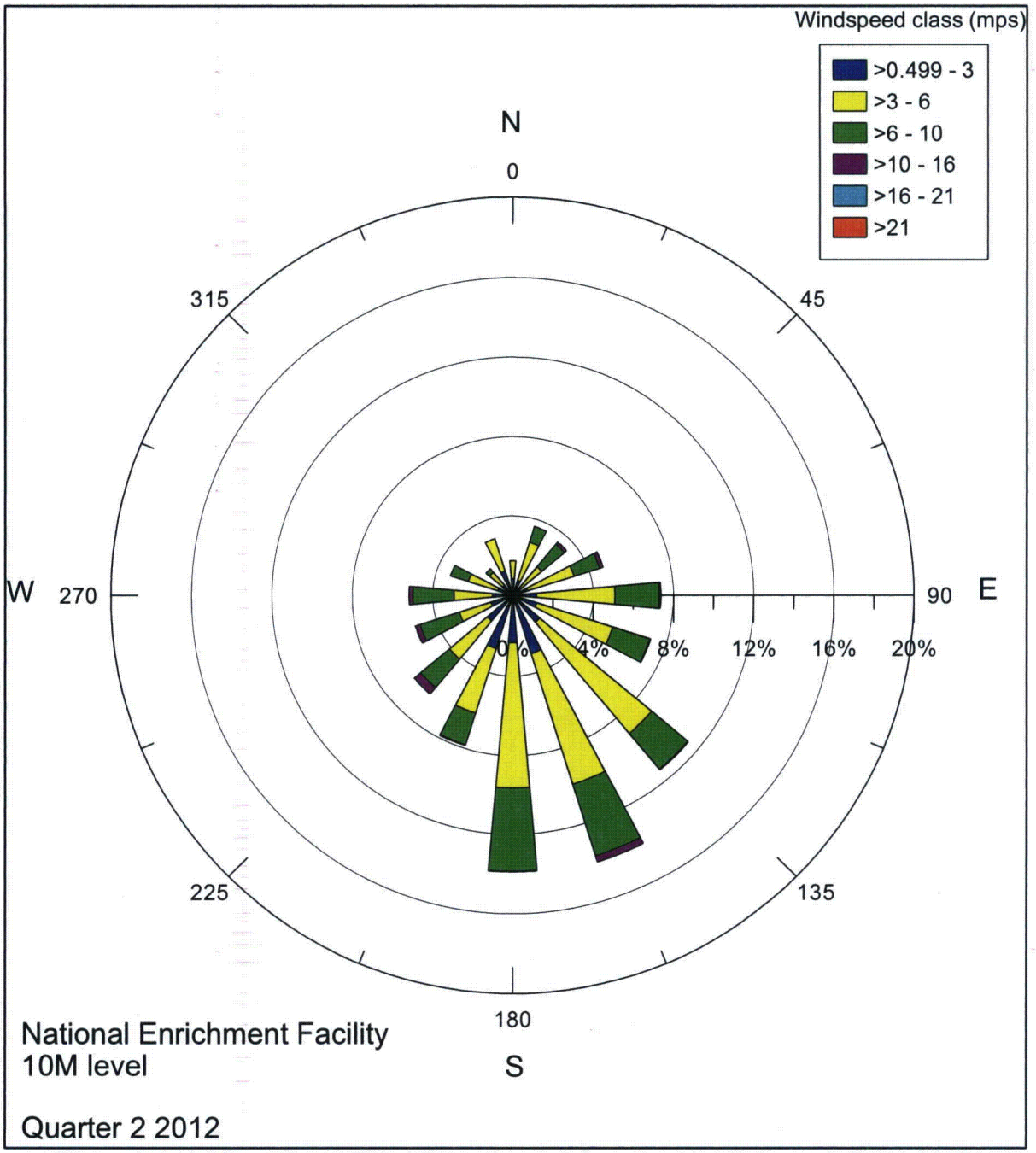


Figure 2.4 10-Meter Level Wind Rose, Second Quarter (April through June) 2012.

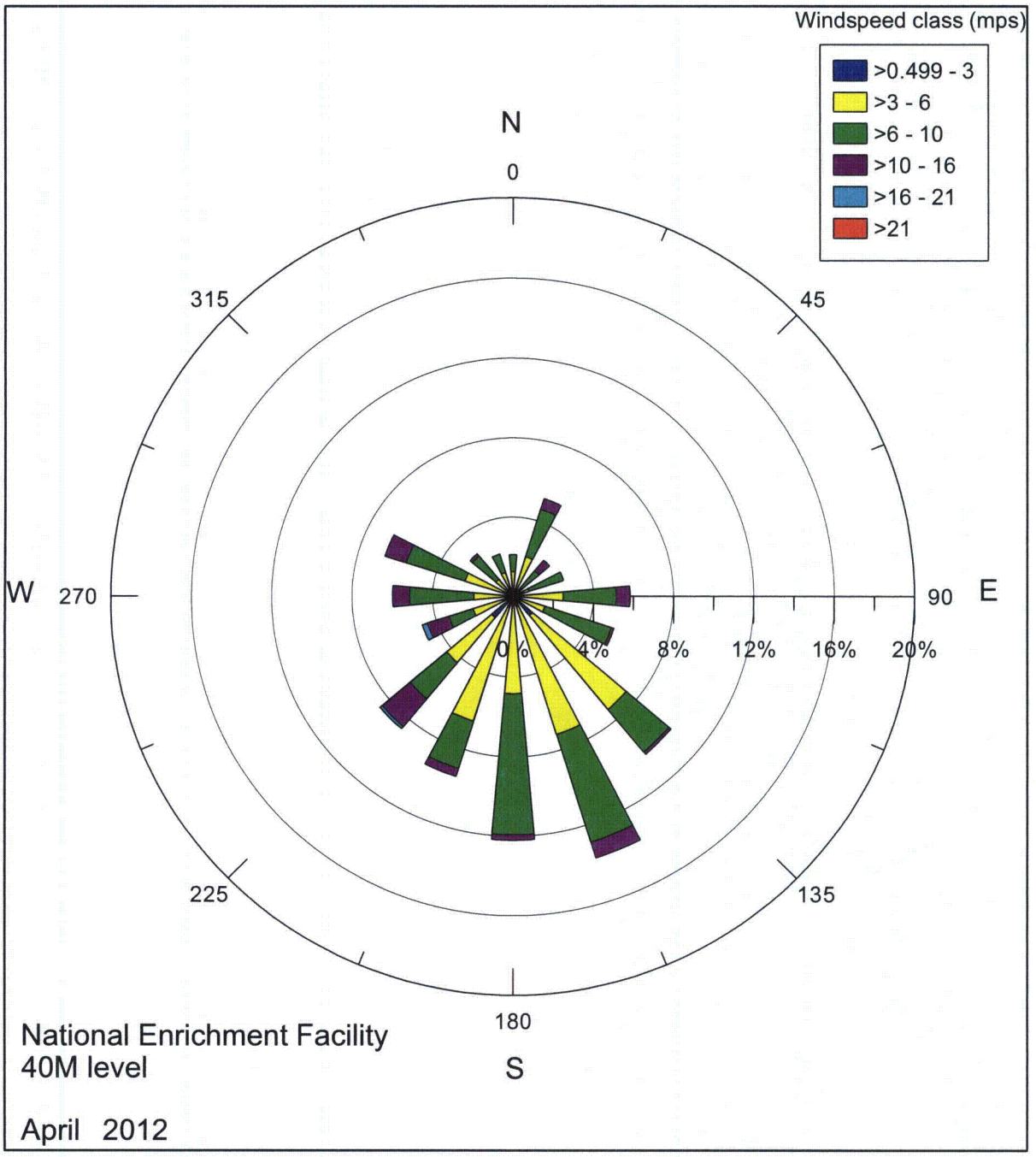


Figure 2.5 40-Meter Level Wind Rose, April 2012.

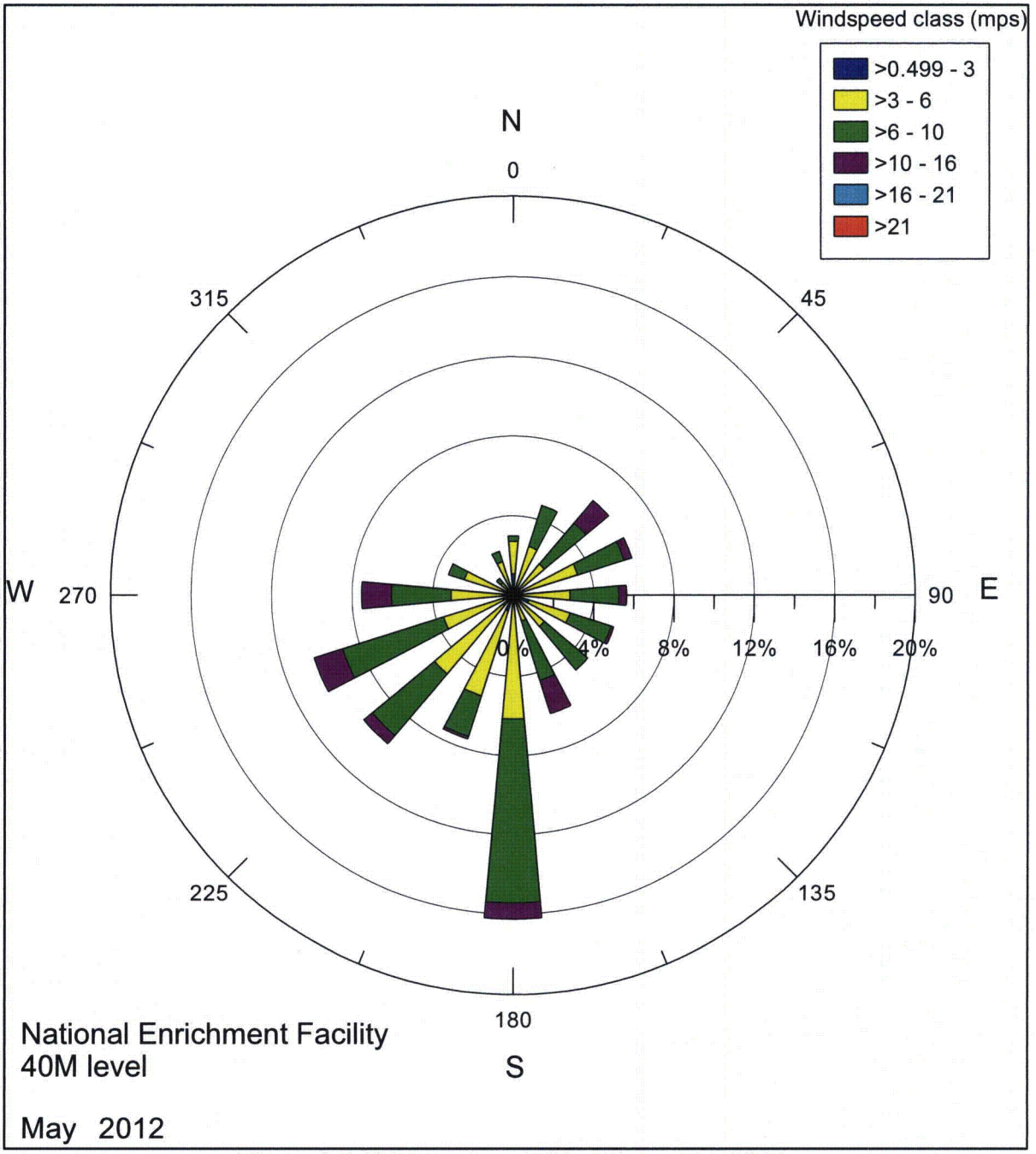


Figure 2.6 40-Meter Level Wind Rose, May 2012.

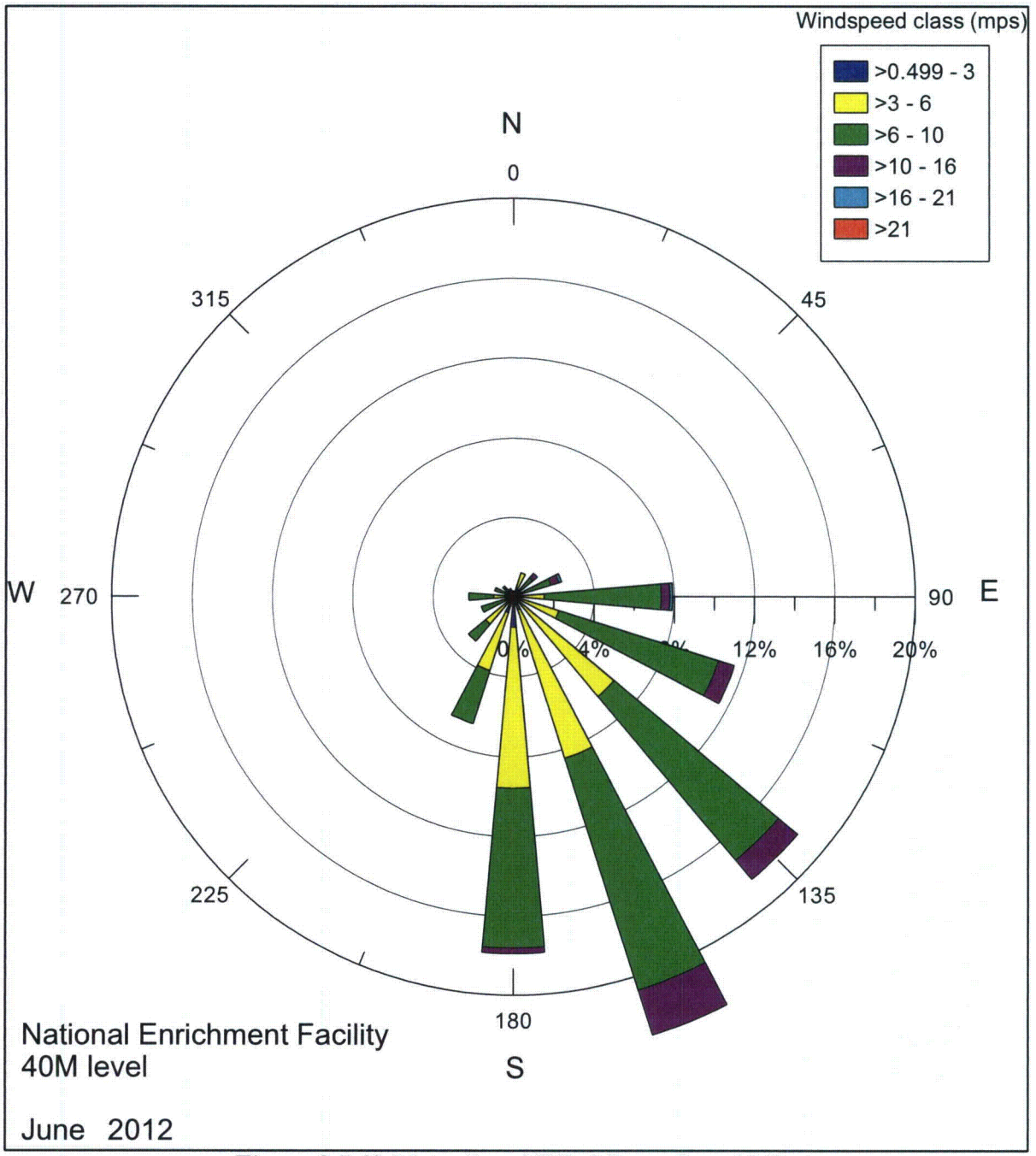


Figure 2.7 40-Meter Level Wind Rose, June 2012.

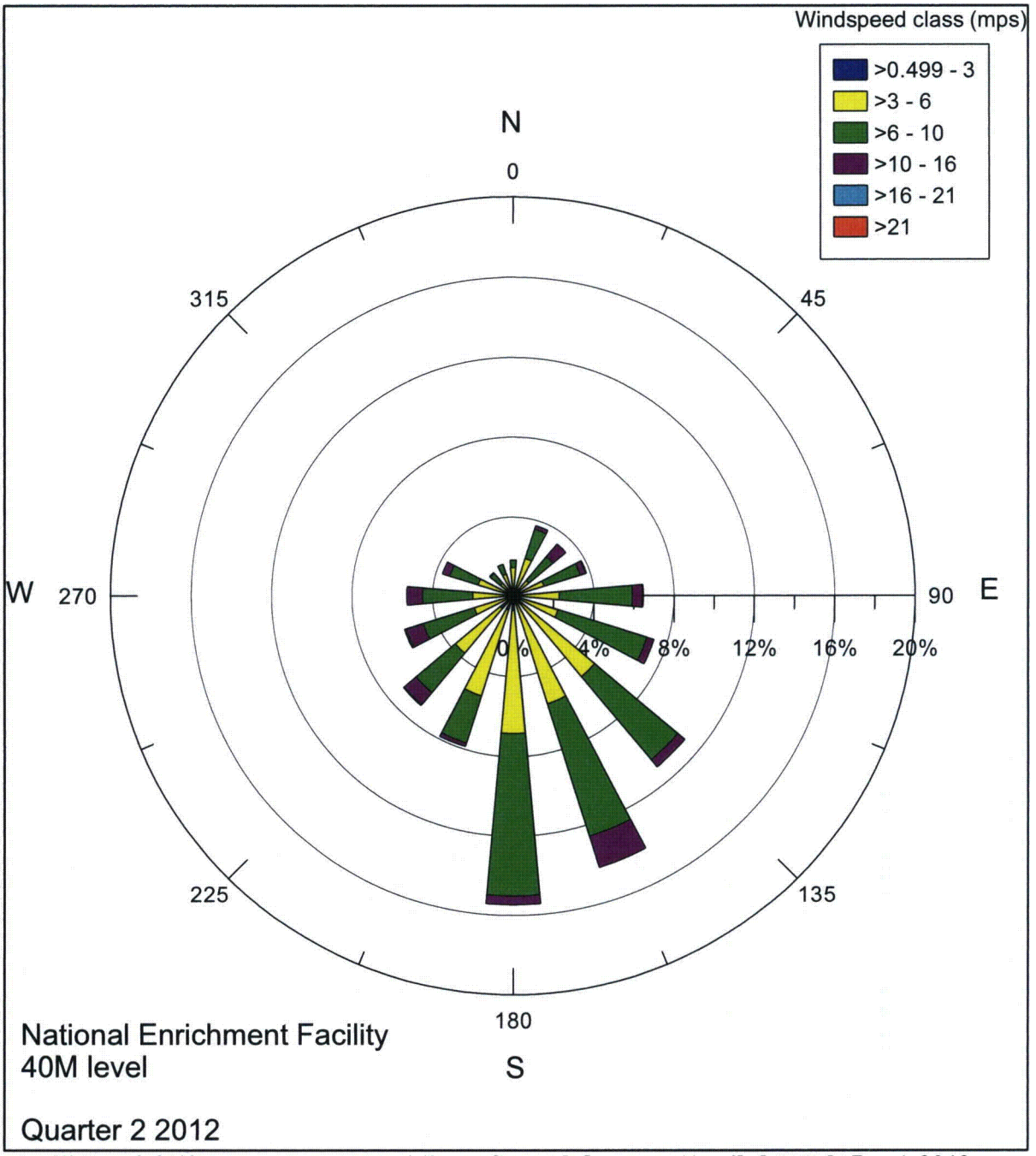


Figure 2.8 40-Meter Level Wind Rose, Second Quarter (April through June) 2012.

2.1.2 Wind Gust

The peak wind gust during the second quarter was 31.5 mps (70.5 mph) at the 10-meter level occurring on May 4 at 13:00. Wind gust information is presented in Table 2-1 and in Appendix B.

Table 2-1

Wind Gust Summary in Meters Per Second for April through June 2012

Month	Level (m)	Monthly Mean	Minimum Hour	Maximum Hour
April	10	8.4	1.3	22.8
	40	10.1	1.7	25.4
May	10	8.4	1.5	31.5
	40	10.0	1.6	30.7
June	10	8.9	1.6	23.7
	40	10.4	2.0	28.0

2.1.3 Temperature

Temperature is measured at the 10- and 40-meter levels. The ambient daily mean temperatures for April through June at the 10- and 40-meter levels ranged from a low of 12.2 degrees Centigrade (°C) at the 10-meter level in April to a high of 32.1°C at the 40-meter level in June. The hourly minimum ranged from 3.9°C at the 10-meter level on April 4 at 05:00 to 17.7°C at the 10-meter level on June 8 at 05:00. Hourly maximum temperatures ranged from 35.4°C at the 40-meter level on April 25 at 17:00 to 40.3°C at the 10-meter level on June 18 at 16:00. Hourly averages of the temperature data by level for April through June are presented in Appendix C. Temperature data for the period are summarized in Table 2-2.

Table 2-2

Summary of Temperature in Degrees Centigrade (°C) for April through June 2012

Month	Level (m)	Monthly Mean	Maximum Daily Mean	Minimum Daily Mean	Maximum Hour	Minimum Hour
April	10	20.4	27.5	12.2	36.1	3.9
	40	20.6	28.0	12.7	35.4	5.5
May	10	22.7	29.2	13.7	36.5	8.8
	40	22.7	29.6	13.3	35.7	9.8
June	10	27.8	31.8	24.1	40.3	17.7
	40	27.7	32.1	23.6	39.5	17.5

2.1.4 Vertical Temperature Difference

Vertical temperature difference is calculated between the 40 and 10-meter levels. Table 2-3 presents the monthly mean, maximum and minimum delta temperatures for the two levels in °C. Vertical temperature difference data are also presented in Appendix C.

Table 2-3

Summary of Delta-Temperature in Degrees Centigrade (°C) for April through June 2012

Month	Level	Monthly Mean	Monthly Maximum	Monthly Minimum
April	40-10 meter	0.2	7.3	-1.3
May	40-10 meter	0.0	5.6	-1.9
June	40-10 meter	-0.1	3.4	-1.2

2.1.5 Atmospheric Stability

Pasquill-Gifford (P-G) stability classes were computed using the vertical temperature difference (ΔT) because it is an effective indicator for the worst-case stability conditions (e.g., P-G stability classes E, F, and G). Pasquill-Gifford stabilities were computed based on Table 1.0 of the Nuclear Regulatory Commission Regulatory Guide 1.23 (Safety Guide 23) which is reproduced in Table 2-4. The stability class data for April through June, based on vertical temperature difference, are summarized in Table 2-5 and Appendix C.

Table 2-4

Classification of Atmospheric Stability

Stability Classification	Pasquill Stability Category	Ambient Temperature Change with Height (°C/100m)
Extremely unstable	A	$\Delta T \leq -1.9$
Moderately unstable	B	$-1.9 < \Delta T \leq -1.7$
Slightly unstable	C	$-1.7 < \Delta T \leq -1.5$
Neutral	D	$-1.5 < \Delta T \leq -0.5$
Slightly stable	E	$-0.5 < \Delta T \leq 1.5$
Moderately stable	F	$1.5 < \Delta T \leq 4.0$
Extremely stable	G	$\Delta T > 4.0$

Table 2-5

Summary of Atmospheric Stability Based on Vertical Temperature Difference in Percent for April through June 2012

Month	Stability Class						
	A	B	C	D	E	F	G
April	34.3	2.2	3.9	9.4	18.6	14.2	17.4
May	35.6	3.9	3.6	12.8	20.4	11.4	12.2
June	36.9	2.6	3.9	14.6	23.8	9.2	9.0

2.1.6 Relative Humidity

Table 2-6 presents the monthly means, maximum and minimum relative humidity information for April through June. Relative humidity data are presented in Appendix D.

Table 2-6

Summary of Relative Humidity in Percent for April through June 2012

Month	Monthly Mean	Daily Mean Maximum	Daily Mean Minimum	Monthly Maximum	Monthly Minimum
April	34	65	9	96	4
May	46	87	13	96	5
June	38	60	13	86	5

2.1.7 Solar Radiation

Solar radiation data for April through June are summarized in Table 2-7 and are presented in Appendix E. The statistics for the solar radiation data presented in Table 2-7 are based on daylight hours.

Table 2-7

Solar Radiation Data in Watts Per Meter Squared (W/m^2) for April through June 2012

Month	Monthly Mean	Maximum Daily Total	Minimum Daily Total	Maximum Hour
April	519	8233	4463	1028
May	508	8645	1973	1054
June	552	8504	4948	1012

2.1.8 Barometric Pressure

Barometric pressure data for April through June are presented in Table 2-8 and in Appendix F.

Table 2-8

Barometric Pressure Data in Millibars (mb) for April through June 2012

Month	Monthly Mean	Maximum Daily Mean	Minimum Daily Mean	Maximum Hour	Minimum Hour
April	896	905	887	908	882
May	896	905	887	907	884
June	895	899	890	902	887

2.1.9 Precipitation

For April through June, 3.30 inches of precipitation were measured at the site. The precipitation data are summarized in Table 2-9 and are presented in Appendix G.

Table 2-9

Summary of Precipitation in Inches for April through June 2012

Month	Monthly Total	Maximum Daily Total	Maximum Hourly Total
April	0.02	0.02	0.01
May	3.08	1.78	0.71
June	0.20	0.20	0.14

2.2 Data Recovery

Data recoveries for the meteorological parameters, in percent possible for April through June are provided in Table 2-10.

Table 2-10

Meteorological Measurement Data Recovery in Percent for April through June 2012

Month	Level (m)	Wind Speed	Wind Direction	Wind Gust	Temp.	Vertical Temp. Diff.	Relative Humidity	Solar Radiation	Bar. Pressure	Precip.
April	1.0	NA	NA	NA	NA	NA	NA	NA	NA	100
	1.5	NA	NA	NA	NA	NA	NA	NA	100	NA
	2.0	NA	NA	NA	NA	NA	NA	100	NA	NA
	10	100	100	100	100	NA	100	NA	NA	NA
	40	100	100	100	100	100	NA	NA	NA	NA
May	1.0	NA	NA	NA	NA	NA	NA	NA	NA	100
	1.5	NA	NA	NA	NA	NA	NA	NA	100	NA
	2.0	NA	NA	NA	NA	NA	NA	100	NA	NA
	10	100	100	100	100	NA	100	NA	NA	NA
	40	100	100	100	100	100	NA	NA	NA	NA
June	1.0	NA	NA	NA	NA	NA	NA	NA	NA	100
	1.5	NA	NA	NA	NA	NA	NA	NA	100	NA
	2.0	NA	NA	NA	NA	NA	NA	100	NA	NA
	10	100	100	100	100	NA	100	NA	NA	NA
	40	100	100	100	100	100	NA	NA	NA	NA

3.0 QUALITY CONTROL

Meteorological data collected at NEF's monitoring station have been subjected to a series of quality control procedures to document the validity of the data and increase the integrity of the data sets. The quality control performed for these data is described in this section.

3.1 Equipment Acceptance Testing

Upon receipt, the meteorological equipment was acceptance tested in MSI's instrument laboratory prior to field deployment. All equipment installed met NRC specifications as outlined in Table 2 of NRC Regulatory Guide 1.23.

3.2 Equipment Calibration

Meteorological equipment calibrations are performed once sensors were interfaced with the data acquisition system at installation, when problems are identified, or every six months. Sensors which do not meet NRC calibration specifications are replaced or repaired and re-calibrated. Calibrations were conducted on the meteorological sensors on March 22, 2012. The equipment used to calibrate the equipment is certified at least annually to A2LA or NIST standards.

3.3 Visual Inspection of Equipment

Visual inspection of the meteorological tower and sensors is performed at least every three months or more frequently when problems are indicated. Abnormal conditions are logged in MSI's logbook and reported immediately to the program manager for corrective action.

3.4 Remote Interrogation of the Monitoring Station

The data logger at the meteorological station is interrogated daily to download and process the data to maximize data recovery and to identify problems in a timely manner. Daily, a meteorologist or data specialist verifies that each sensor is operational and that it appears to be measuring data accurately. In addition, a password-protected project web-site is updated after every successful download is available to LES and MSI personnel. Any abnormal data values or apparent problems are reported immediately to the program manager or quality assurance officer who initiates corrective action and determines if a special visit to the site is required. Figures 3.1 and 3.2 present examples of the data displays from the web-site.

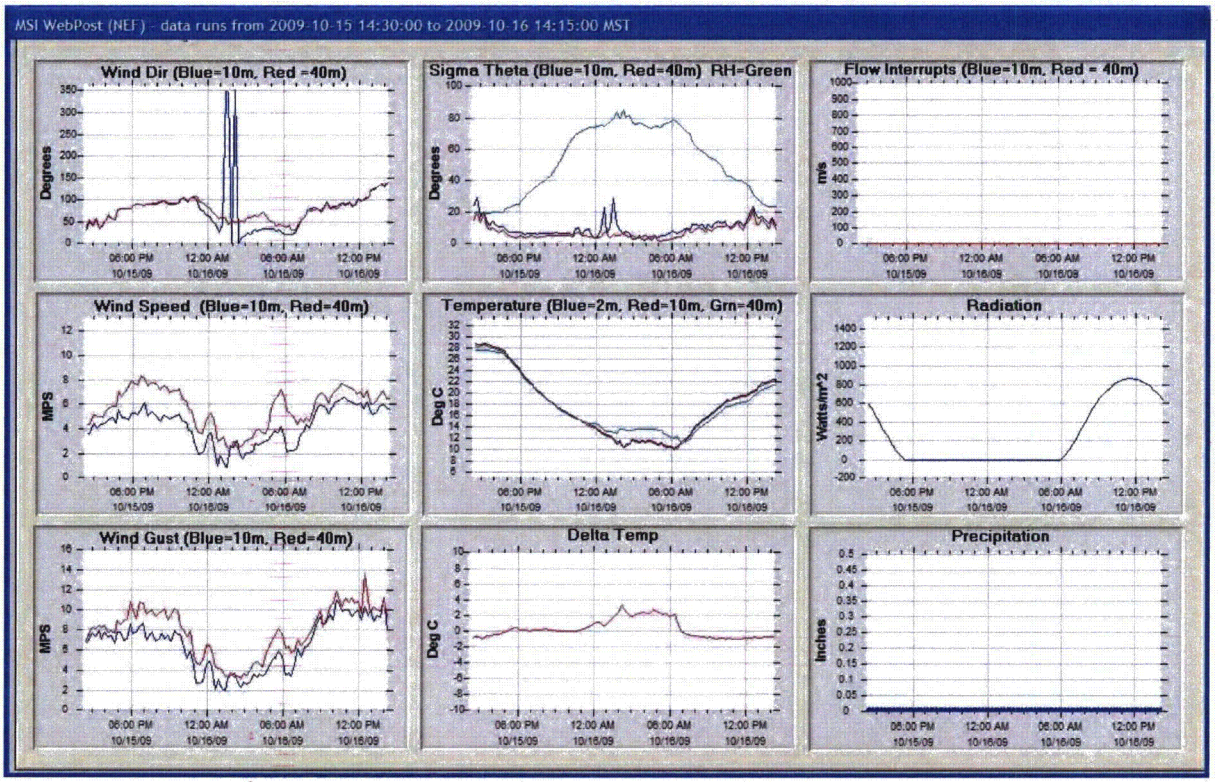


Figure 3.1 Example of Meteorological Strip Charts from Website

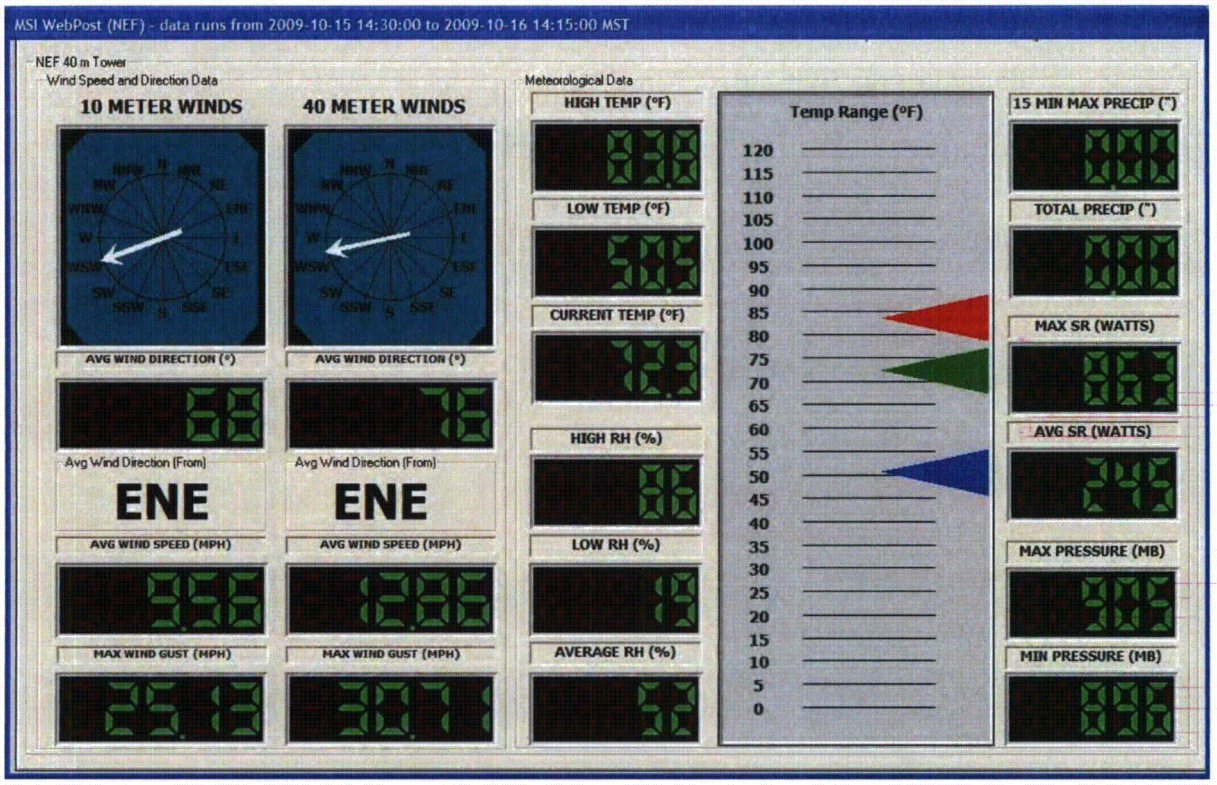


Figure 3.2 Example Wind Data Information from Website

3.5 Quality Control Checks for Data Validation

During data acquisition, the data logger collects and saves fifteen-minute averages of each measured parameter. The values are stored in memory for subsequent retrieval via telephone, modem, and Internet. After the site data logger is interrogated, collecting all data since the last interrogation, the data are stored on MSI computers in Salt Lake City. These data are then subjected to a series of quality tests using MSI's proprietary software. Example quality control (QC) tests used to generate flags and warnings that a parameter value is outside of a normally acceptable range are listed in Table 3-1.

Table 3-1

Example Quality Control Checks Imposed by Data QC Program

Meteorological Data
Wind speed > 25 m/s for a 15-minute average.
Temperature change exceeds 3°C in a 15-minute period.
Time increments greater than fifteen minutes between data records.
Ambient temperature exceeds 40°C.
Ambient temperature falls below -20°C.
Wind direction unchanged for three hours.
Wind speed unchanged for three hours.
Temperature unchanged for three hours.
Battery voltage <11 volts.
Change in pressure more than 2 millibars in 15 minutes.
Relative humidity > 100%.
Relative humidity < 5%.
Precipitation >0.15 inches in 15 minutes.

The QC program produces a report that identifies each value in the data file that fails one or more of the listed tests. This report also provides means, maxima and minima for each variable. In addition, stacked parameter plots are generated which consist of every data point downloaded and are reviewed by a qualified meteorologist for consistency and possible problems. This review by a qualified meteorologist assures that problems that might not be flagged by the software will always be caught by the reviewer. The quality control test reports for April through June 2012 are included in Appendix A.

3.6 Data Validation

Various levels of data validation are performed. The initial level of data validation is essentially the raw data obtained directly from the data acquisition system in the field. These data are stored and are unedited and never manipulated. The next level of validation involves quantitative and qualitative reviews for accuracy, completeness, and internal consistency. This is performed by utilizing MSI's propriety QC program. When the QC program identifies values that exceed the criteria set for that parameter, the data file is inspected visually.

In most cases, a flagged value is not invalid; it merely fell outside of expected ranges or "normal" rates of change for that parameter. Qualitative checks are performed by a meteorologist who determines that if the value is reasonable, the value is not invalidated. If there is a reason to suspect the data point, the value is reset to "missing." (This is done on the data management file only, not on the raw data file collected from the data logger) For the purposes of this data report, data failures or discrepancies that would invalidate an hourly average for the meteorological site are listed below:

- loss of more than one 15-minute average in any 1-hour period; and
- visual evidence, on the stacked parameter/time plots for example, that the 15-minute value is an outlier.

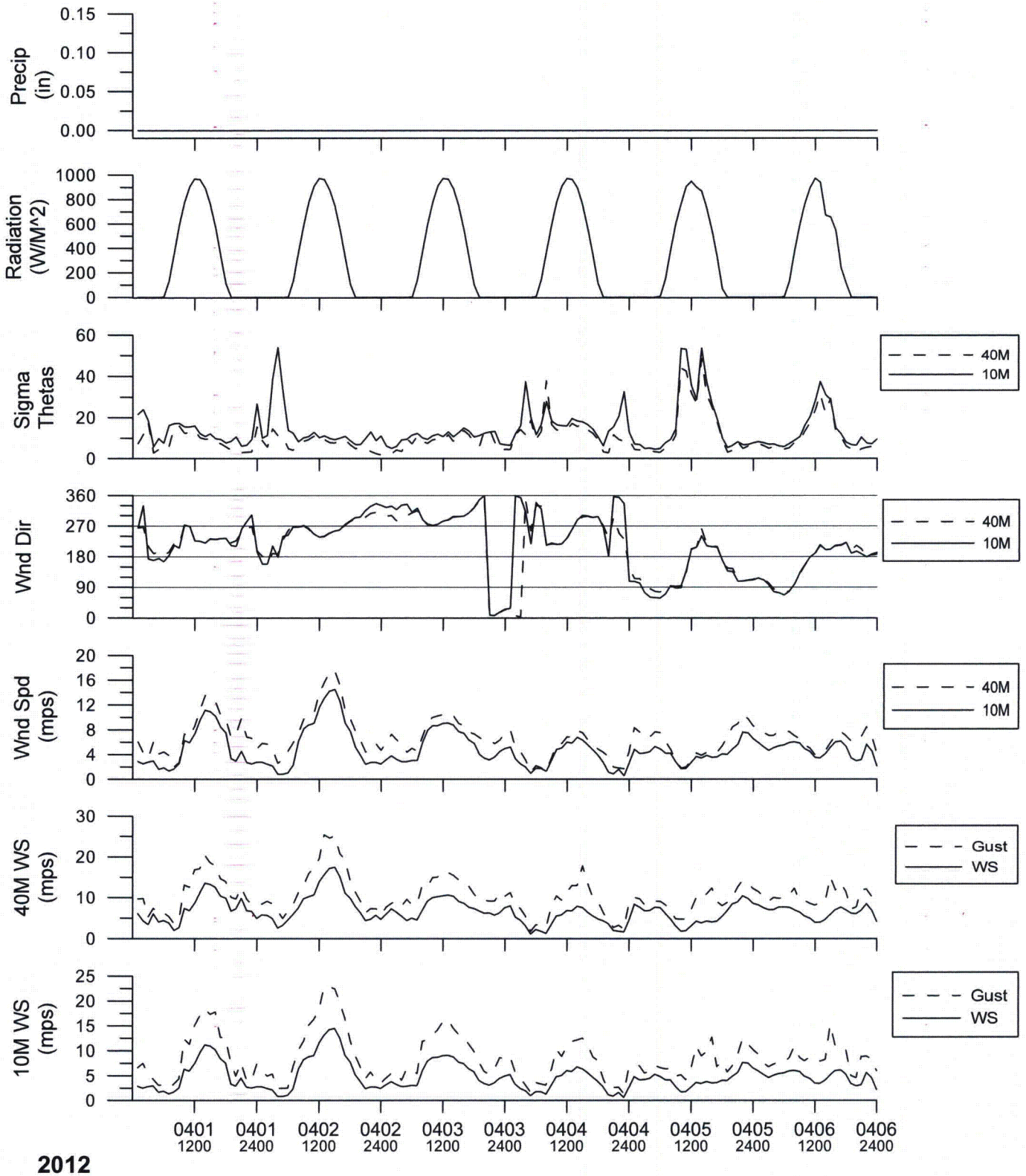
There were no invalid data periods for the second quarter 2012.

4.0 QUALITY ASSURANCE AUDITS

Due to budget constraints, independent performance audits are no longer performed. Calibration verifications are conducted every six months. Calibration verifications were conducted on March 22, 2012.

Appendix A
Stacked Parameter Plots for April through June 2012

NEF QA Plots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0.05
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Radiation (W/M^2)
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800
600
400
200
0
Sigma Thetas
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40
20
0
40M
10M
Wnd Dir
360
270
180
90
0
40M
10M
Wnd Spd (mps)
20
16
12
8
4
0
40M
10M
40M WS (mps)
30
20
10
0
Gust
WS
10M WS (mps)
25
20
15
10
5
0
Gust
WS
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0401 2400
0402 1200
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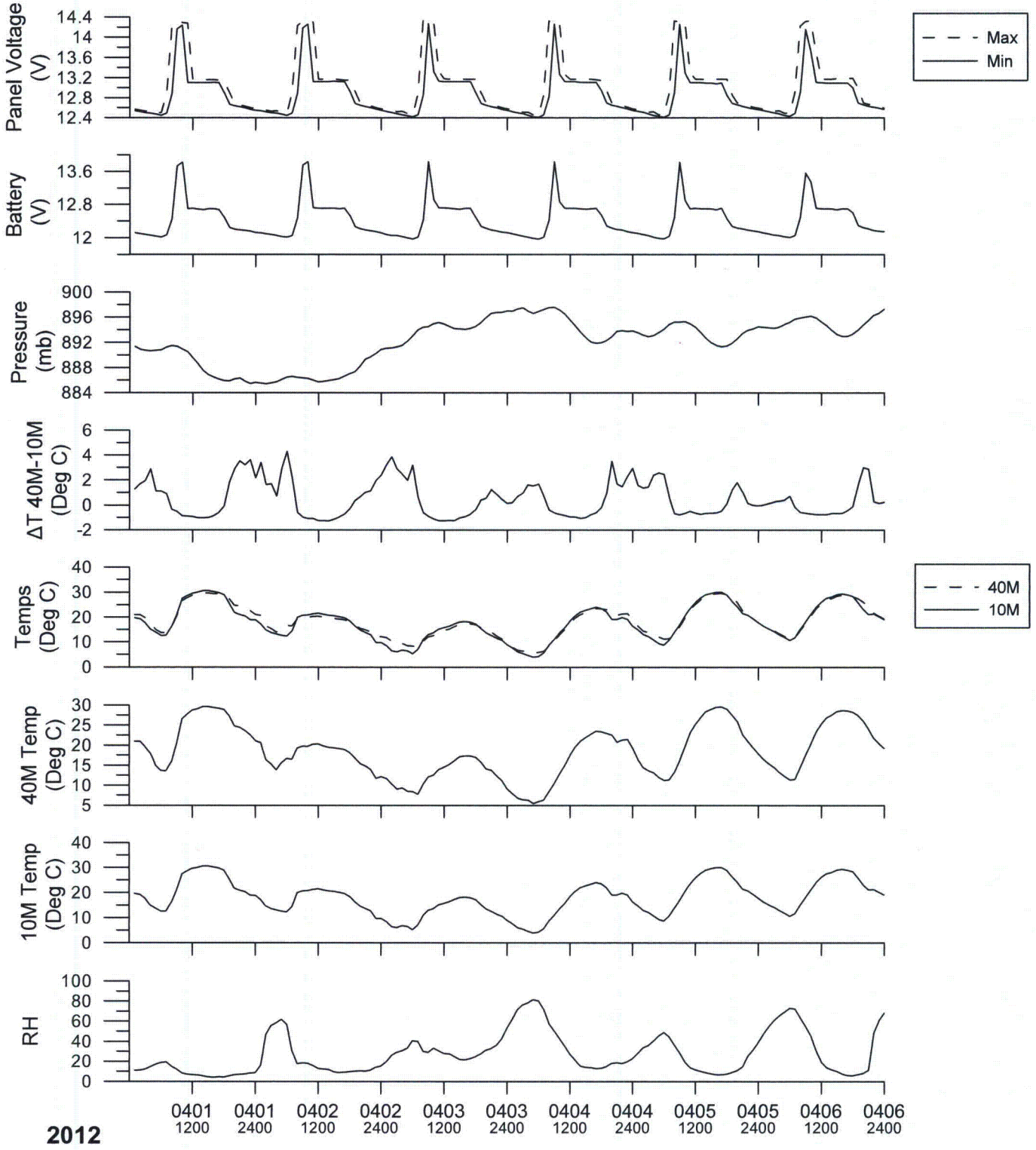
2012

NEF QA Plots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14
13.6
13.2
12.8
12.4
Max
Min
Battery (V)
13.6
12.8
12
Pressure (mb)
900
896
892
888
884
ΔT 40M-10M (Deg C)
6
4
2
0
-2
Temps (Deg C)
40
30
20
10
0
40M
10M
40M Temp (Deg C)
30
25
20
15
10
5
10M Temp (Deg C)
40
30
20
10
0
RH
100
80
60
40
20
0
0401 1200
0401 2400
0402 1200
0402 2400
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0405 1200
0405 2400
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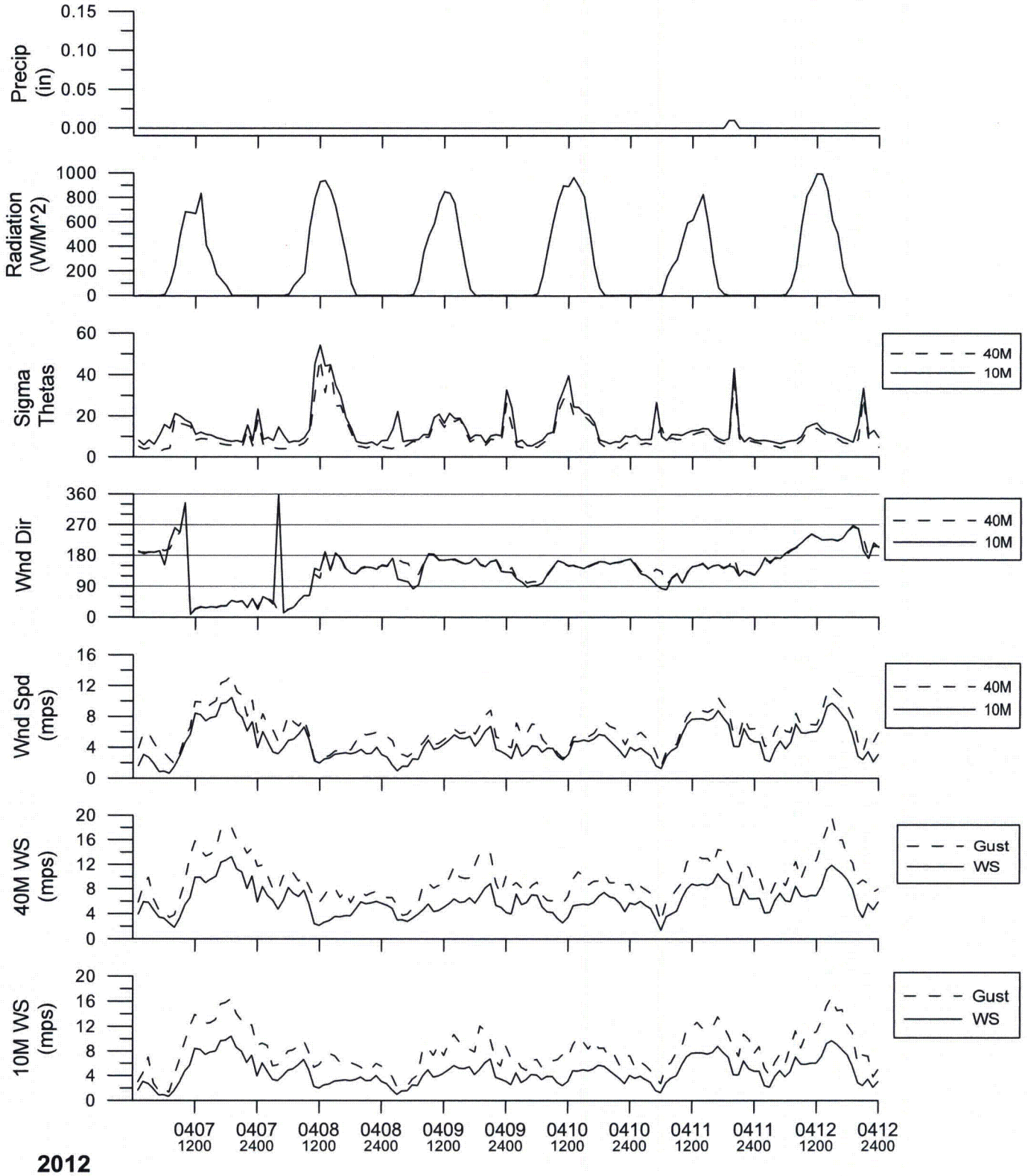
0406 2400
2012

NEF QA Plots


Precip (in)
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0.10
0.05
0.00
Radiation (W/M^2)
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800
600
400
200
0
Sigma Thetas
60
40
20
0
40M
10M
Wnd Dir
360
270
180
90
0
40M
10M
Wnd Spd (mps)
16
12
8
4
0
40M
10M
40M WS (mps)
20
16
12
8
4
0
Gust
WS
10M WS (mps)
20
16
12
8
4
0
Gust
WS
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0407 2400
0408 1200
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0411 1200
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0412 1200
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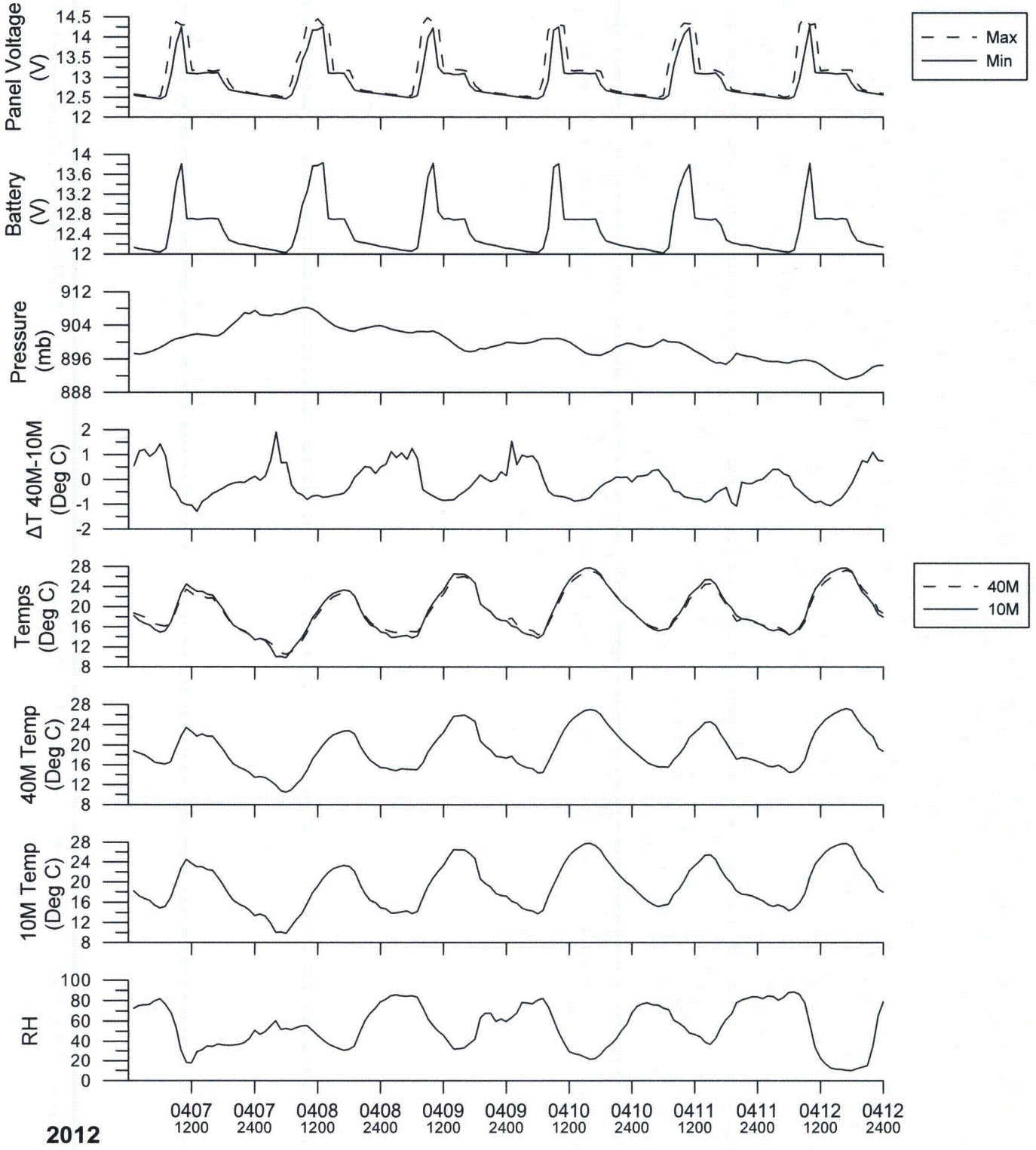
2012

NEF QA Plots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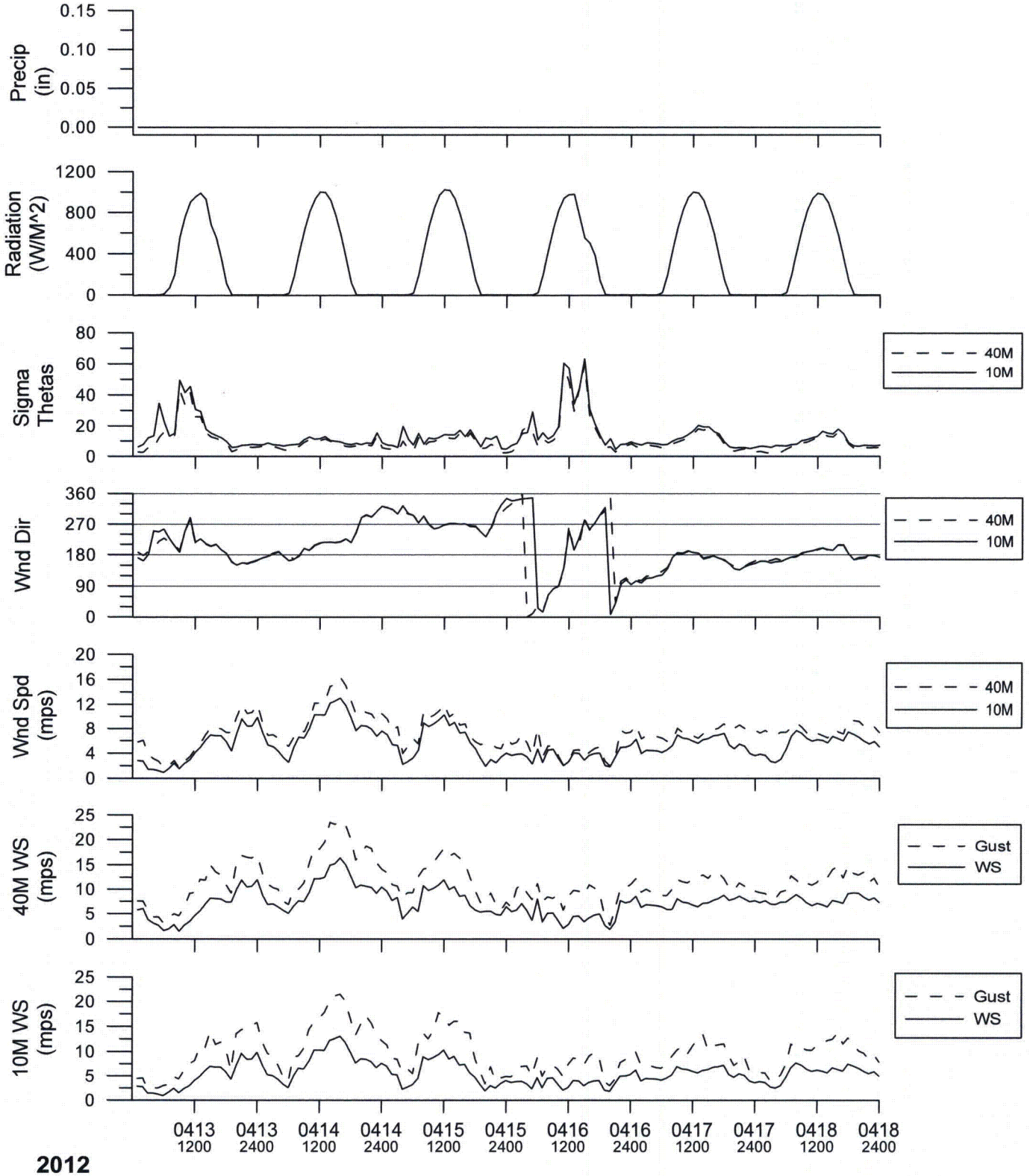
14
13.5
13
12.5
12
Max
Min
Battery (V)
14
13.6
13.2
12.8
12.4
12
Pressure (mb)
912
904
896
888
ΔT 40M-10M (Deg C)
2
1
0
-1
-2
Temps (Deg C)
28
24
20
16
12
8
40M
10M
40M Temp (Deg C)
10M Temp (Deg C)
RH
100
80
60
40
20
0
0407 1200
0407 2400
0408 1200
0408 2400
0409 1200
0409 2400
0410 1200
0410 2400
0411 1200
0411 2400
0412 1200
0412 2400
2012

NEF QA Plots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Radiation (W/M^2)
1200
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400
0
Sigma Thetas
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60
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10M
Wnd Dir
360
270
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10M
Wnd Spd (mps)
20
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40M WS (mps)
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Gust
WS
10M WS (mps)
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5
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Gust
WS
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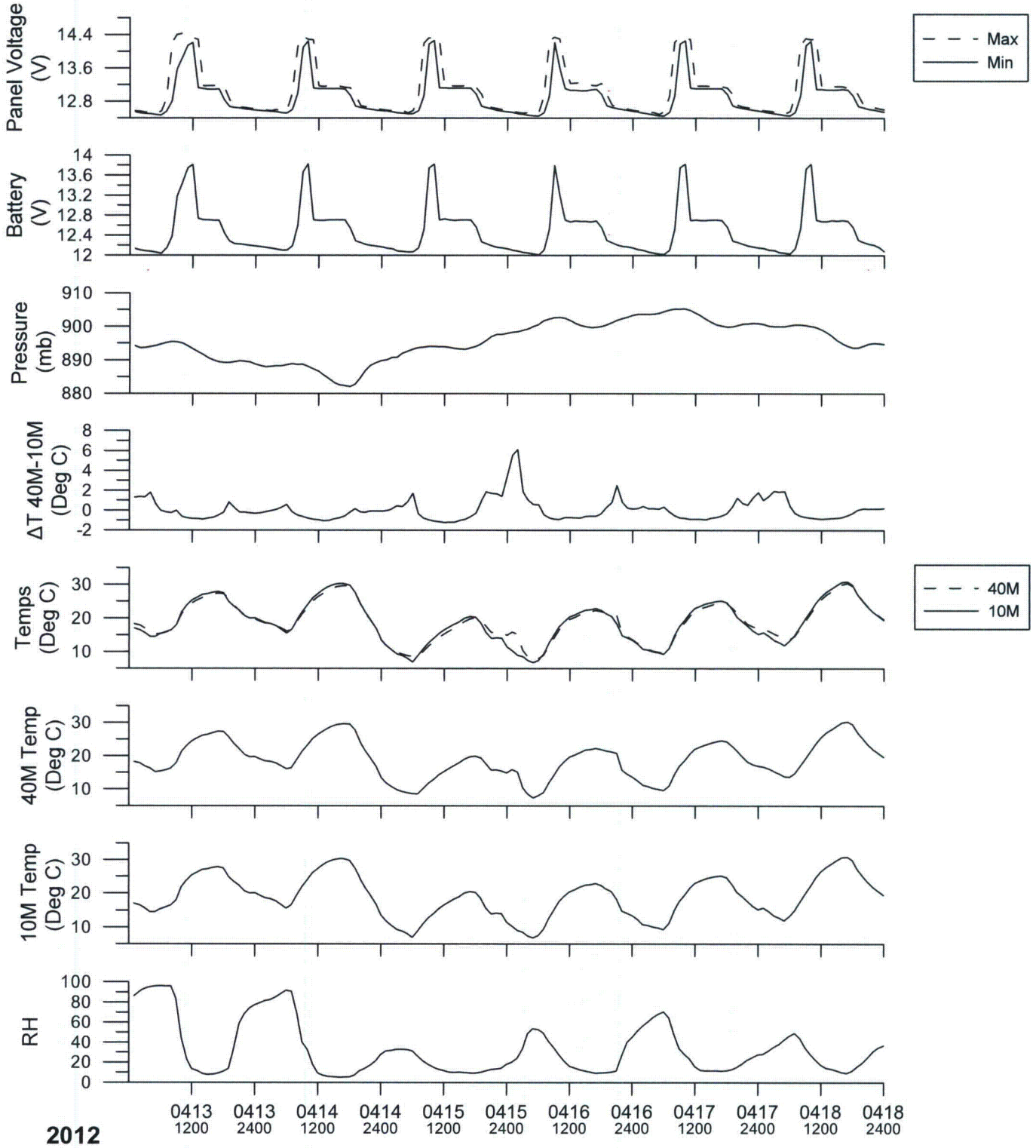
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14.4
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12.8
Max
Min
Battery (V)
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13.2
12.8
12.4
12
Pressure (mb)
910
900
890
880
ΔT 40M-10M (Deg C)
8
6
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2
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-2
Temps (Deg C)
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40M
10M
40M Temp (Deg C)
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10M Temp (Deg C)
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20
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RH
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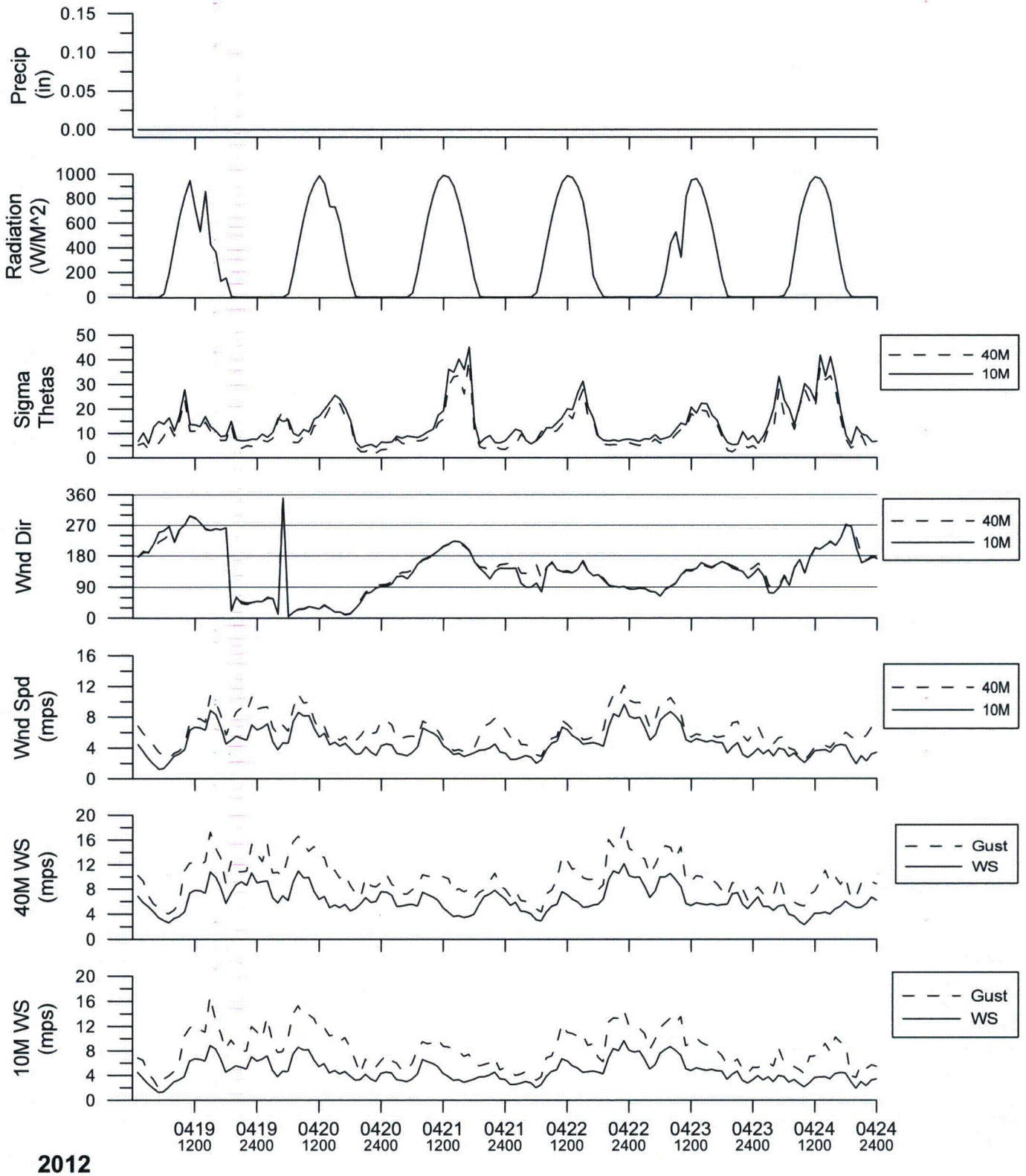
NEF QA Plots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Radiation (W/M^2)
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Wnd Dir
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270
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40M
10M
Wnd Spd (mps)
16
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10M
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Gust
WS
10M WS (mps)
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16
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Gust
WS
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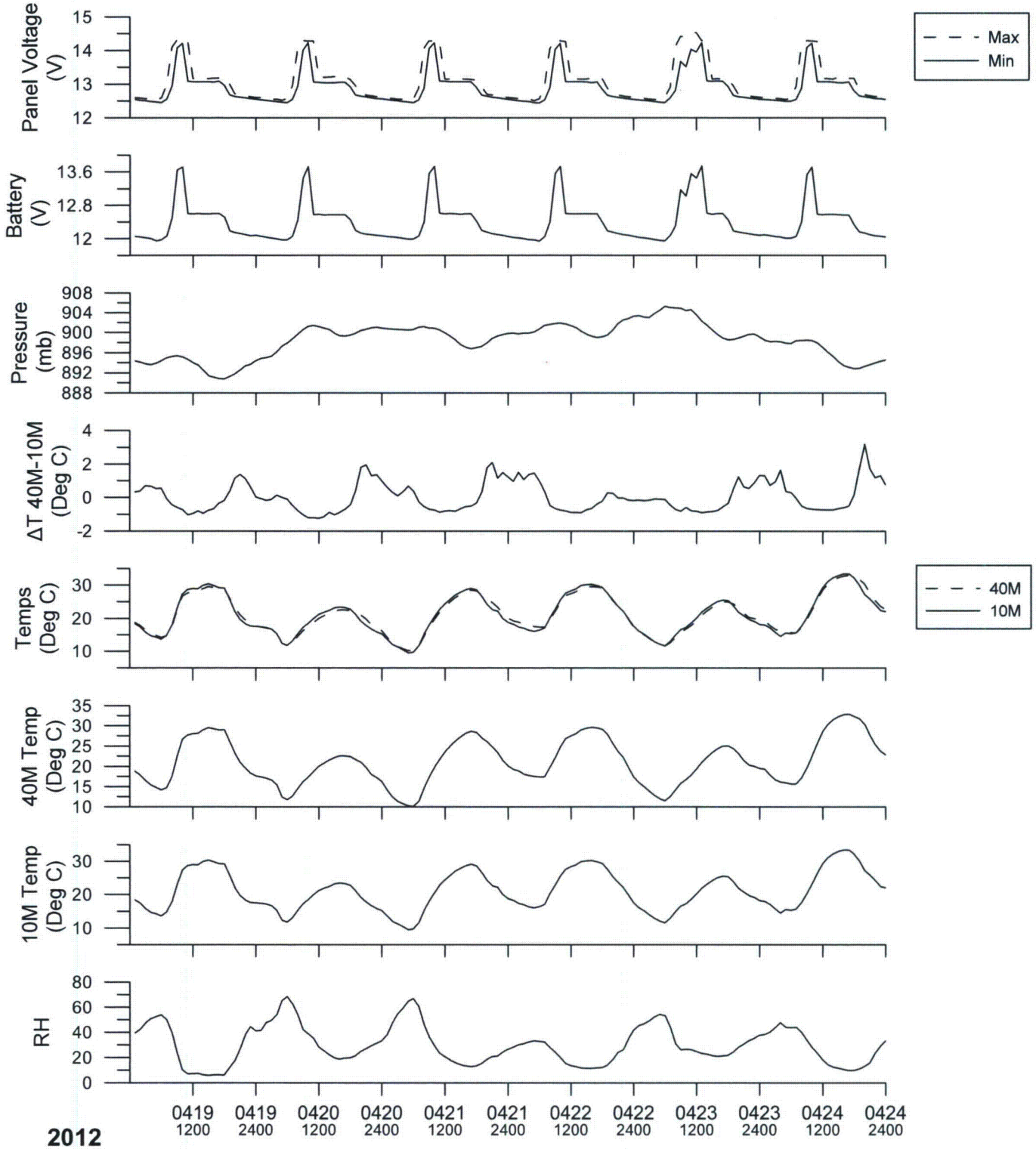
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Min
Battery (V)
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12.8
12
Pressure (mb)
908
904
900
896
892
888
ΔT 40M-10M (Deg C)
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-2
Temps (Deg C)
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10M
40M Temp (Deg C)
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10M Temp (Deg C)
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RH
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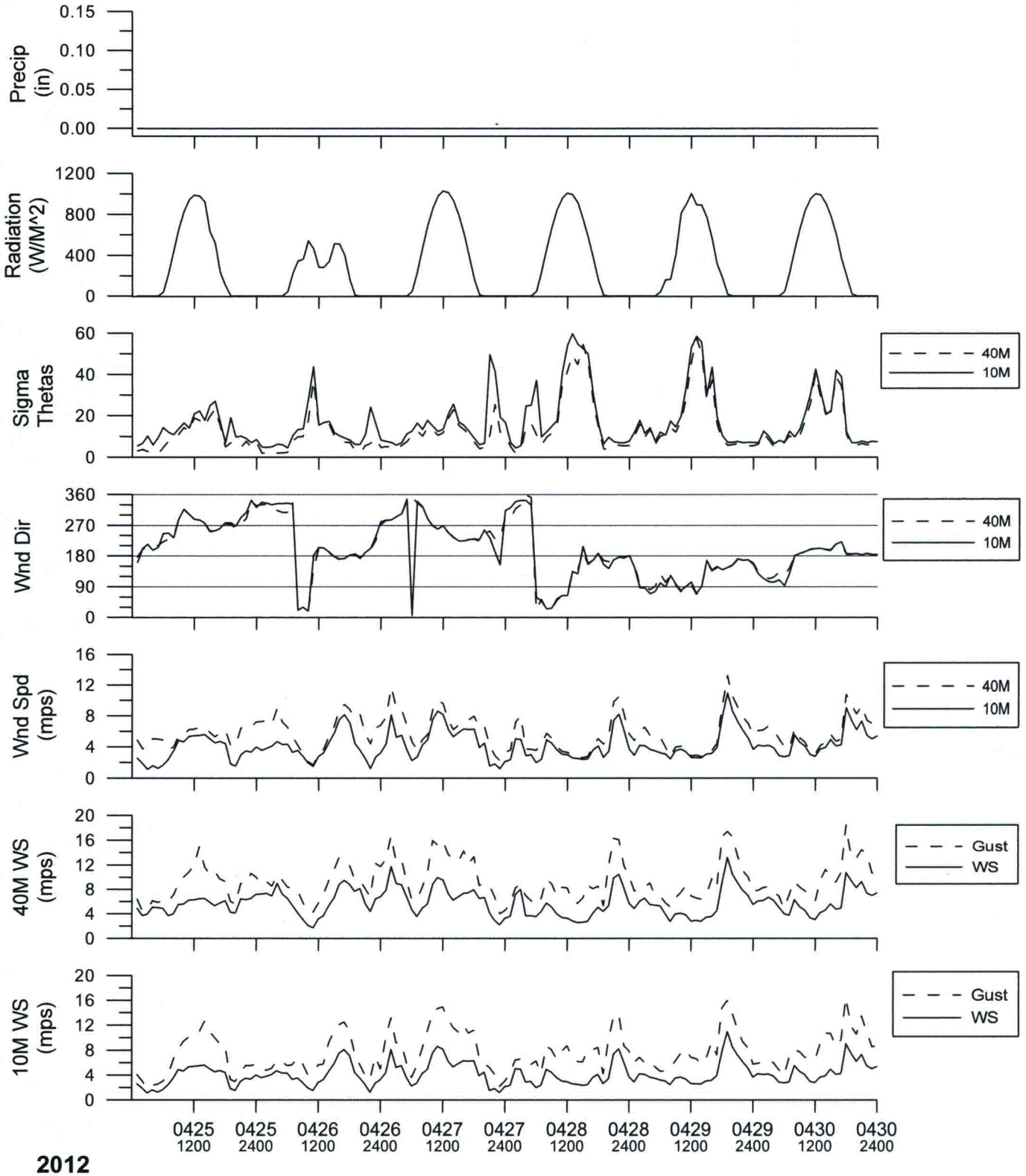
NEF QA Plots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Sigma Thetas
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Wnd Spd (mps)
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40M WS (mps)
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WS
10M WS (mps)
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12
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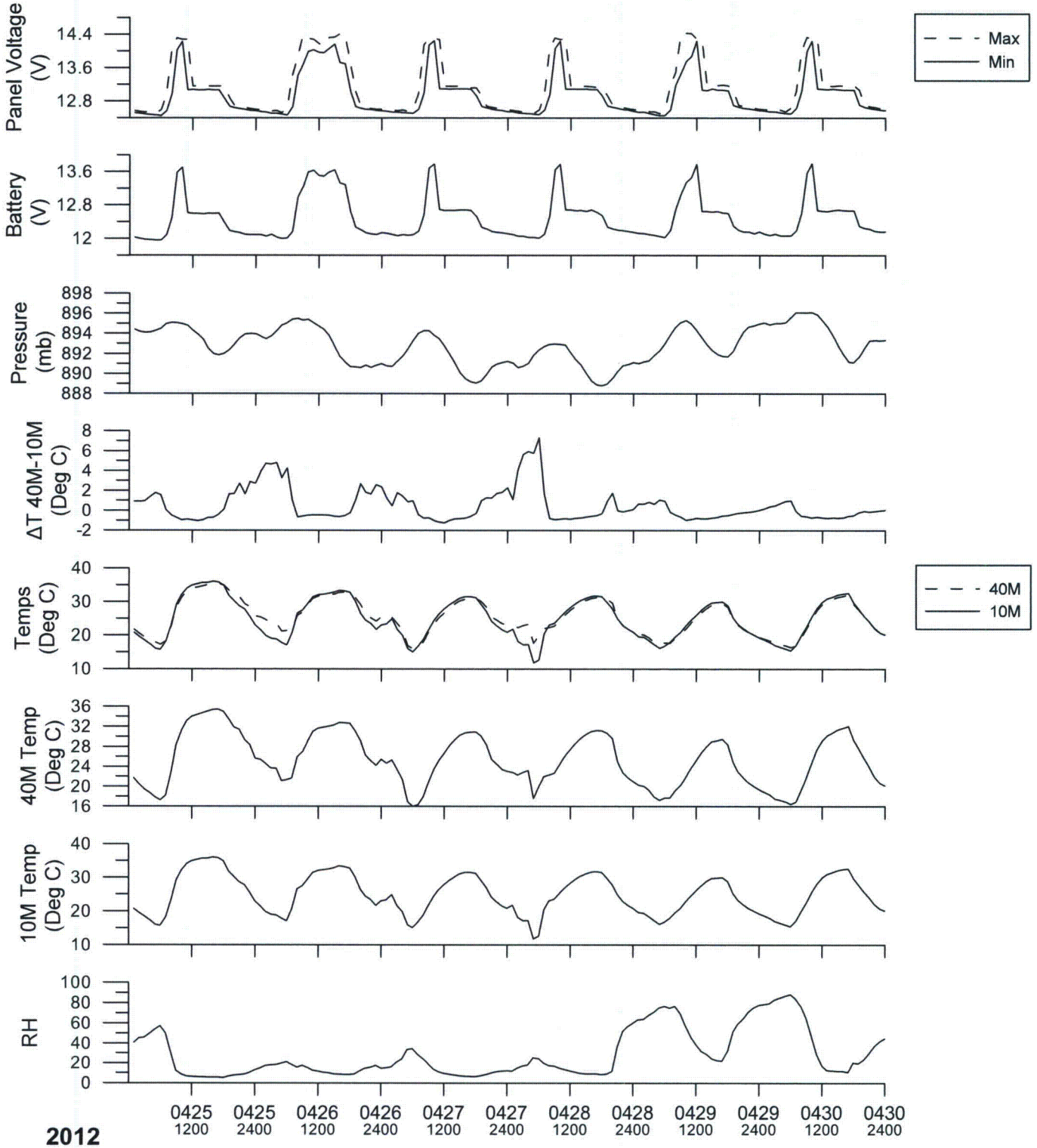
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12.8
Max
Min
Battery (V)
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12.8
12
Pressure (mb)
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896
894
892
890
888
ΔT 40M-10M (Deg C)
8
6
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2
0
-2
Temps (Deg C)
40
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20
10
40M
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40M Temp (Deg C)
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10M Temp (Deg C)
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30
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RH
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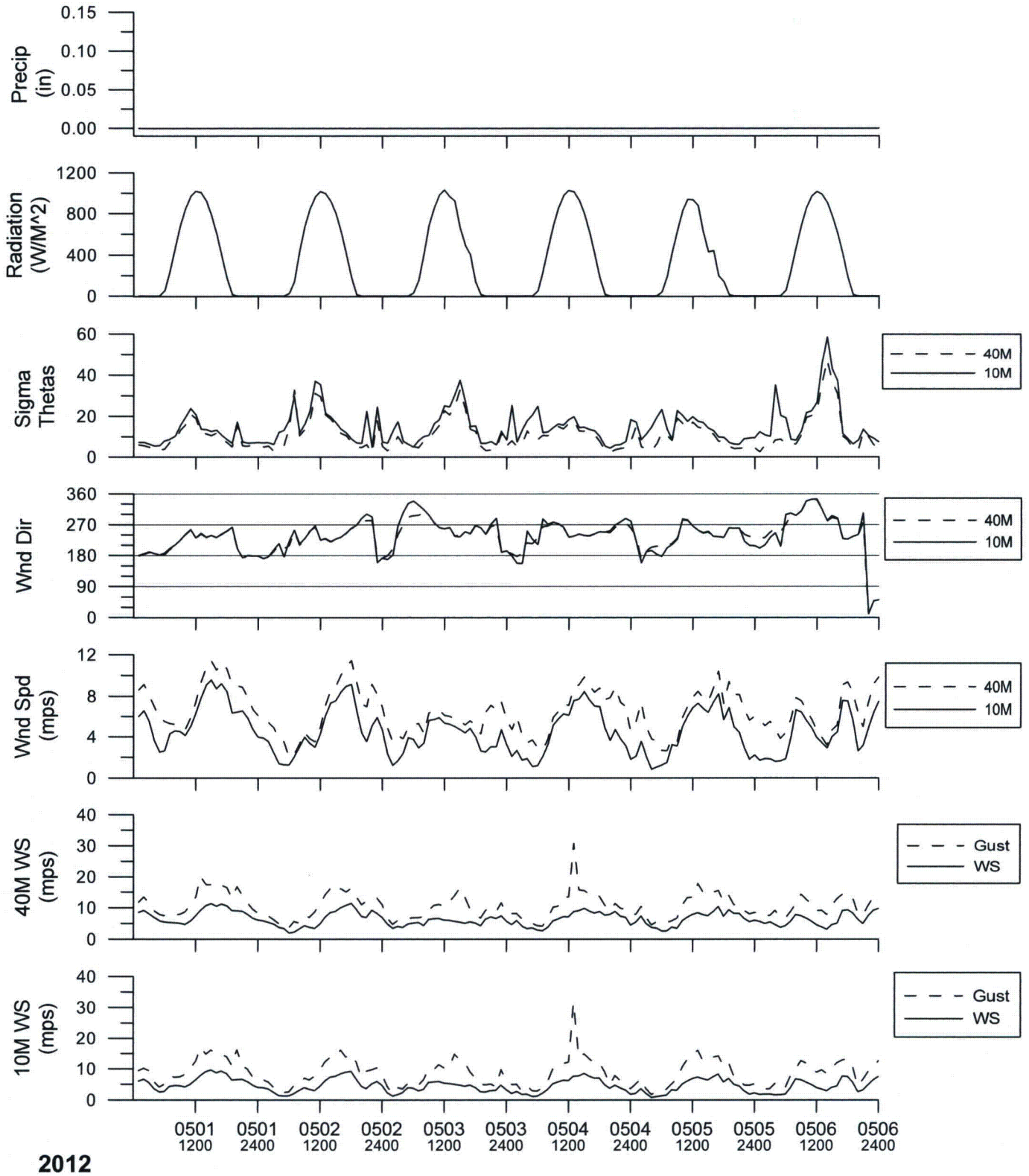
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Sigma Thetas
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Wnd Spd (mps)
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10M WS (mps)
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0501 2400
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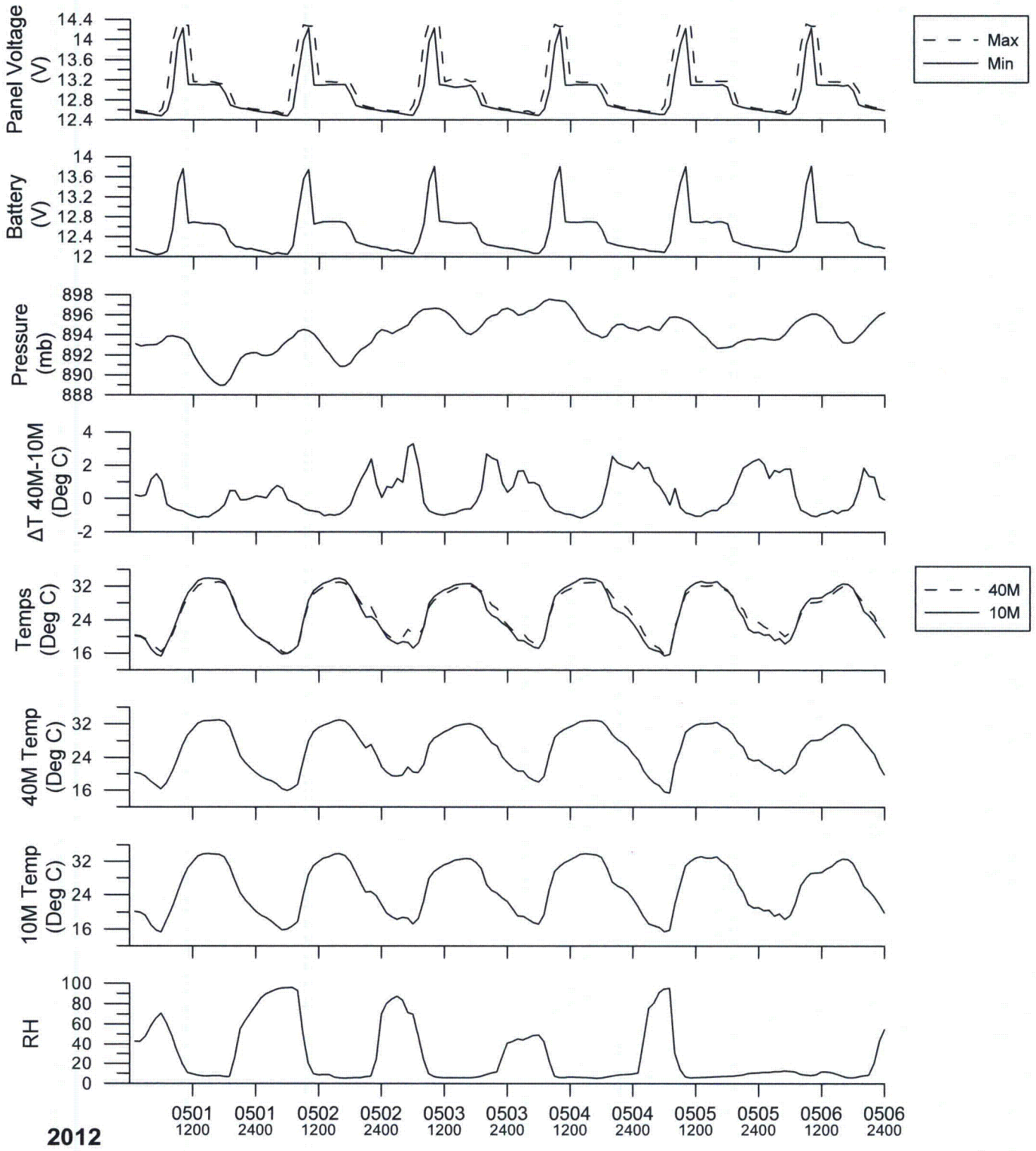
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12.8
12.4
12
Pressure (mb)
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890
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ΔT 40M-10M (Deg C)
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-2
Temps (Deg C)
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40M Temp (Deg C)
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10M Temp (Deg C)
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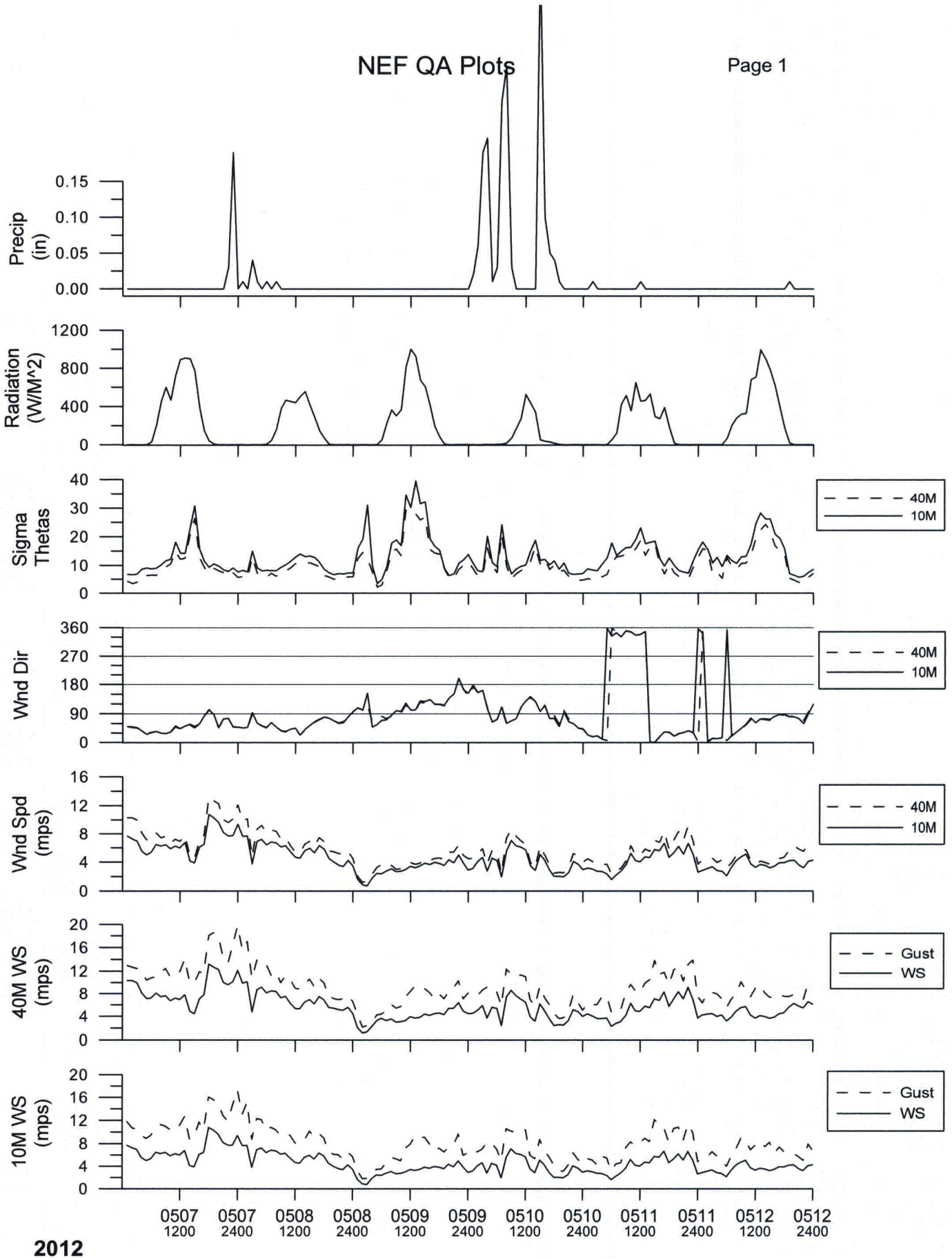
NEF QA Plots
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Radiation (W/M^2)
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Sigma Thetas
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Wnd Spd (mps)
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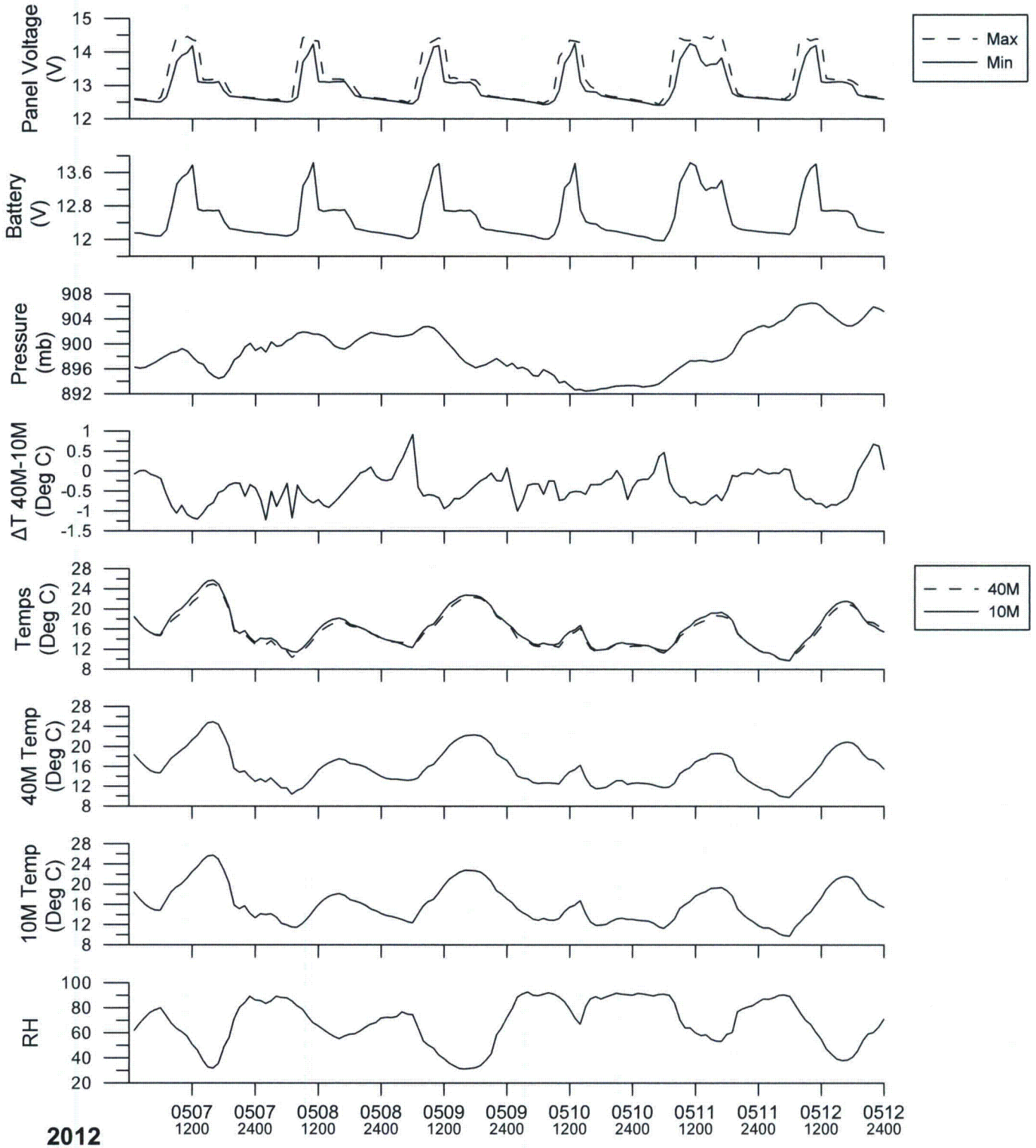
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ΔT 40M-10M (Deg C)
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Temps (Deg C)
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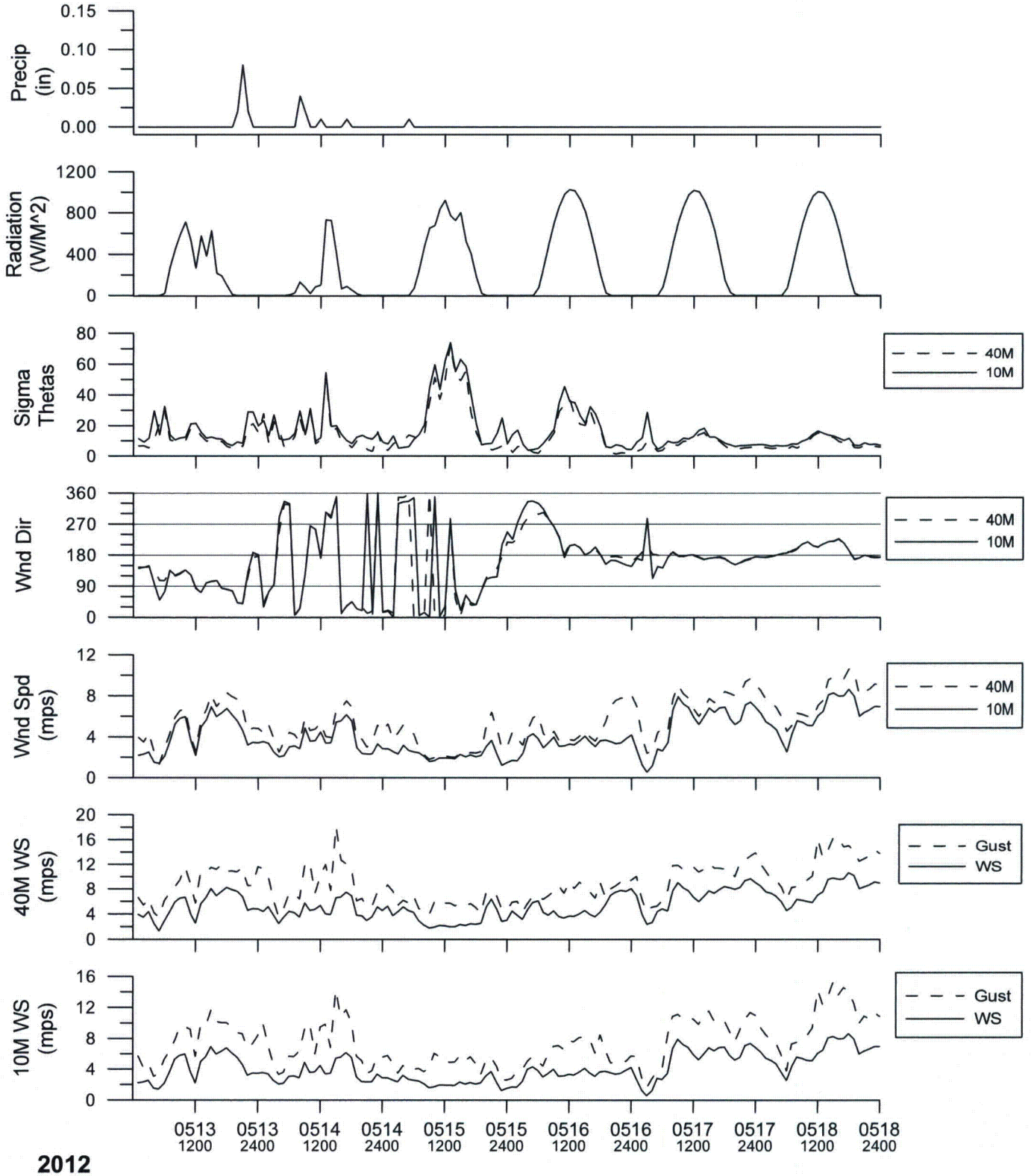
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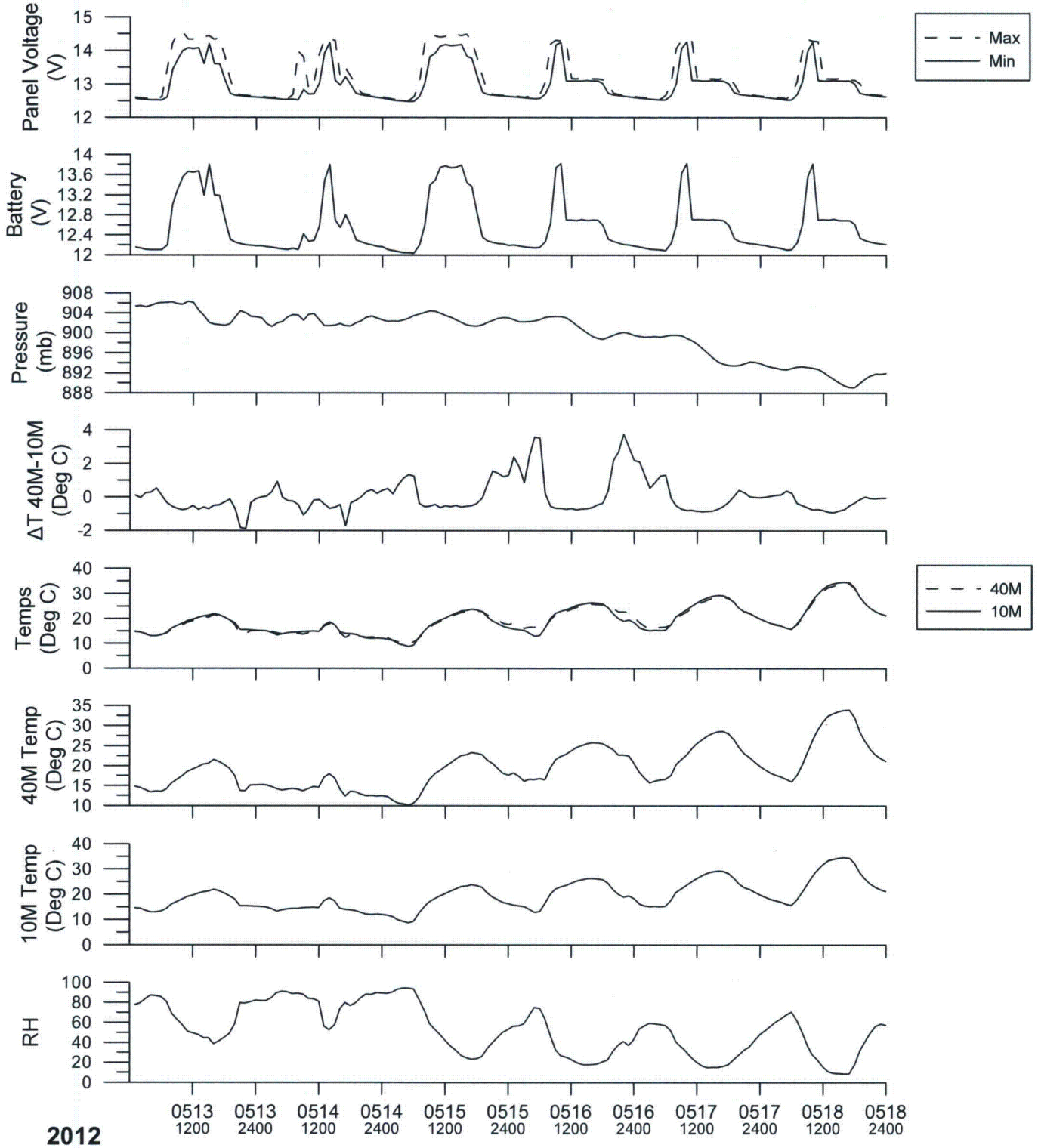
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Pressure (mb)
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ΔT 40M-10M (Deg C)
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Temps (Deg C)
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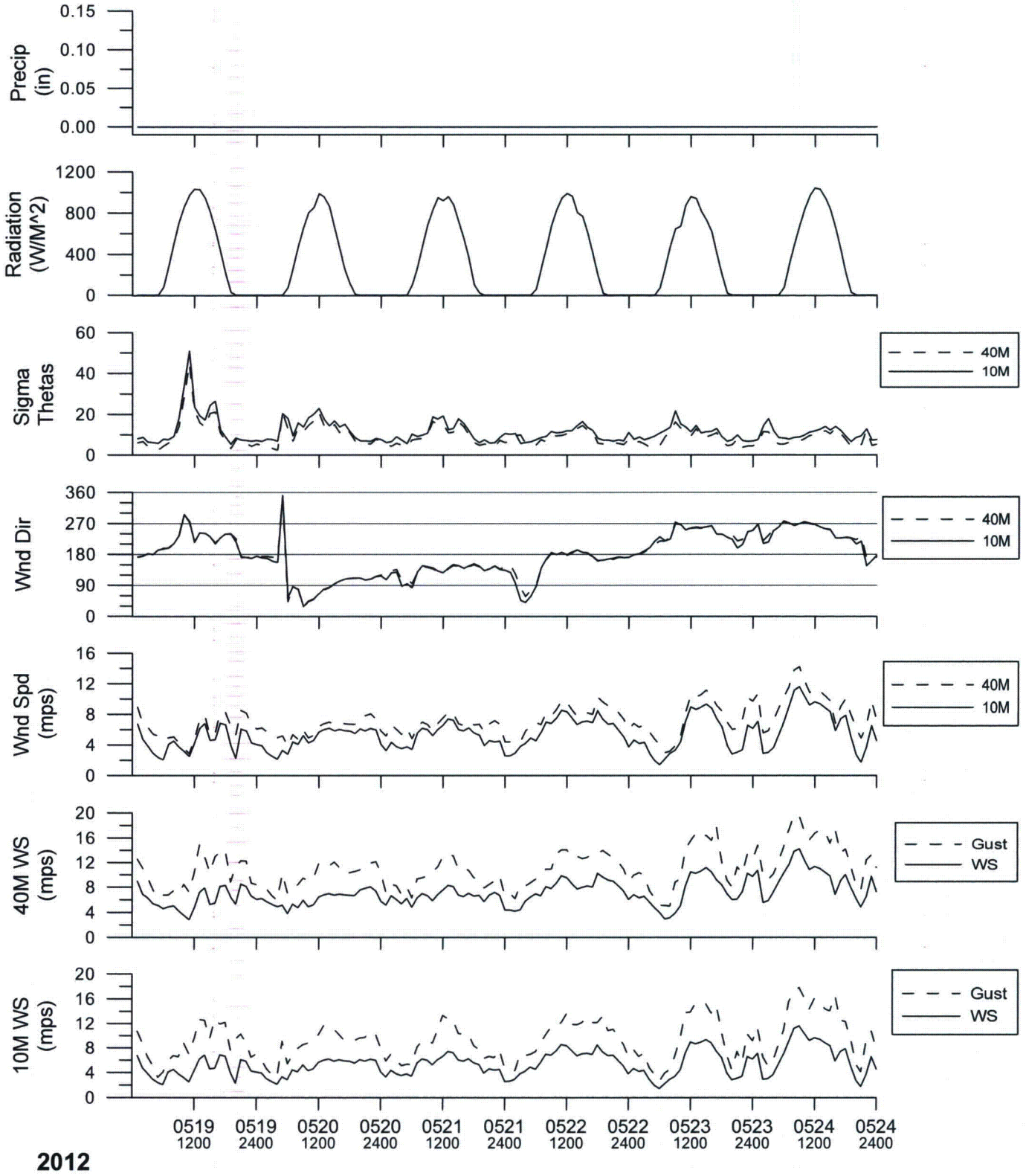
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Wnd Spd (mps)
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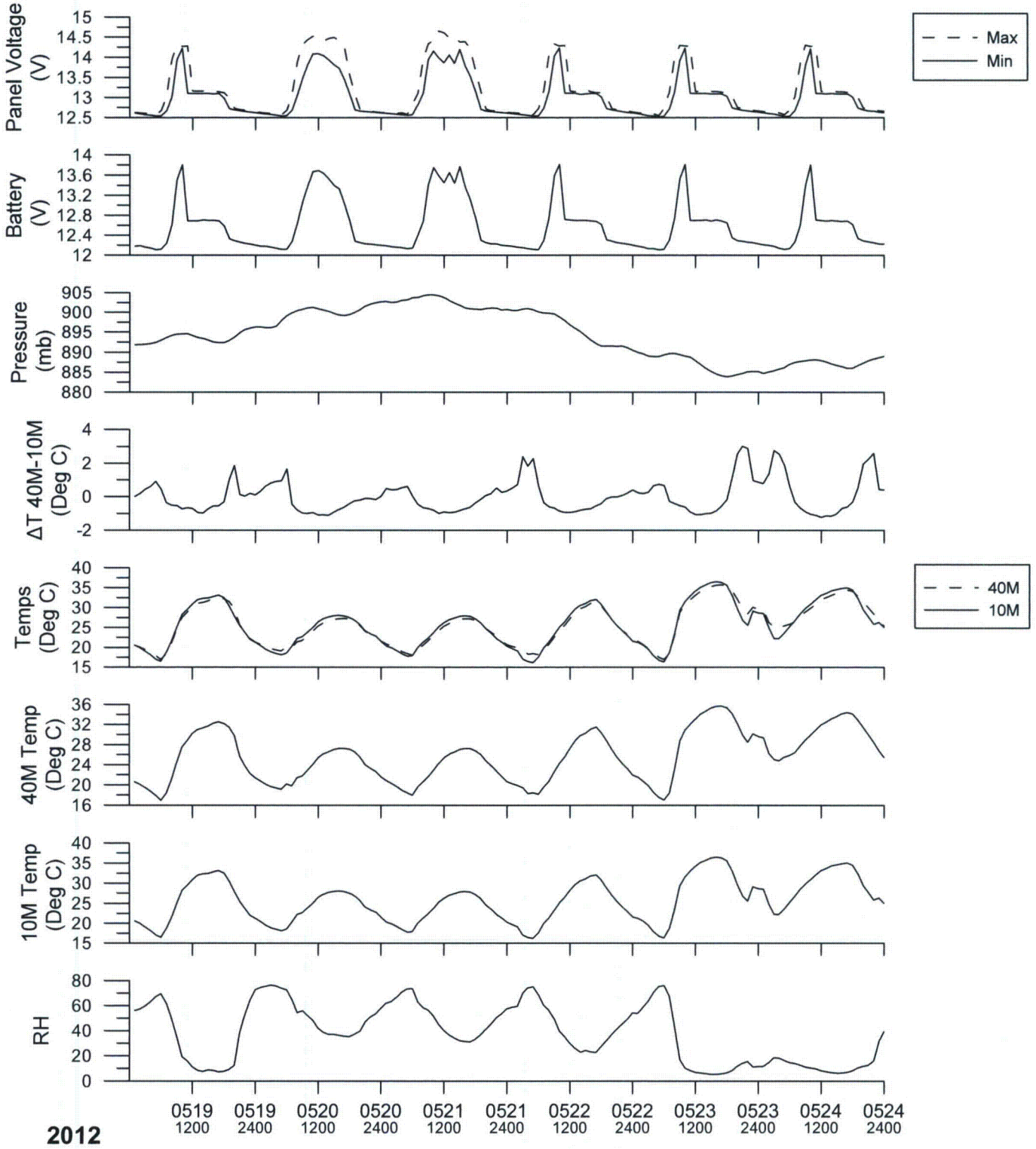
NEF QA Plots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Pressure (mb)
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890
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ΔT 40M-10M (Deg C)
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Temps (Deg C)
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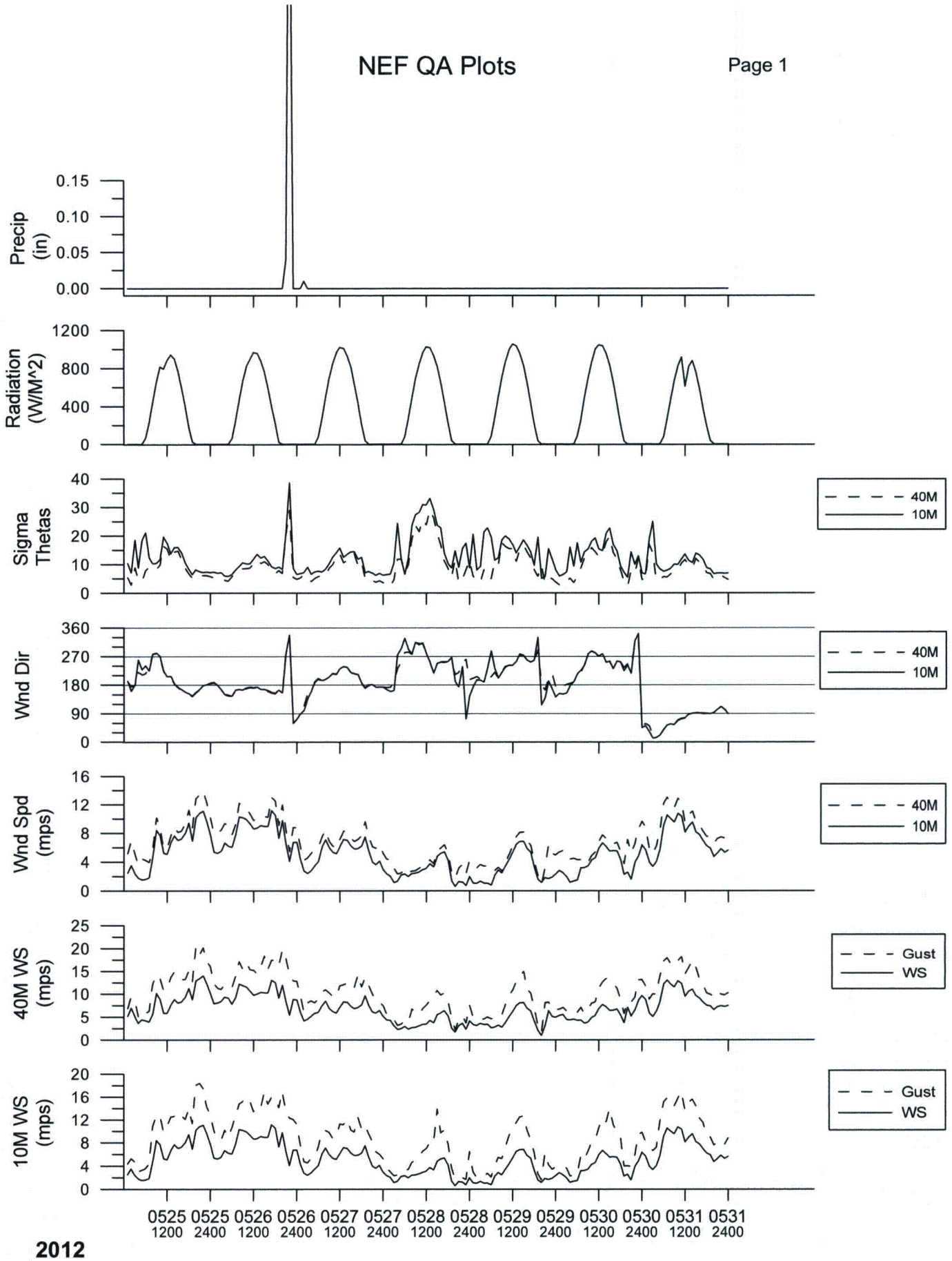
NEF QA Plots
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Sigma Thetas
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10M
Wnd Spd (mps)
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10M
40M WS (mps)
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Gust
WS
10M WS (mps)
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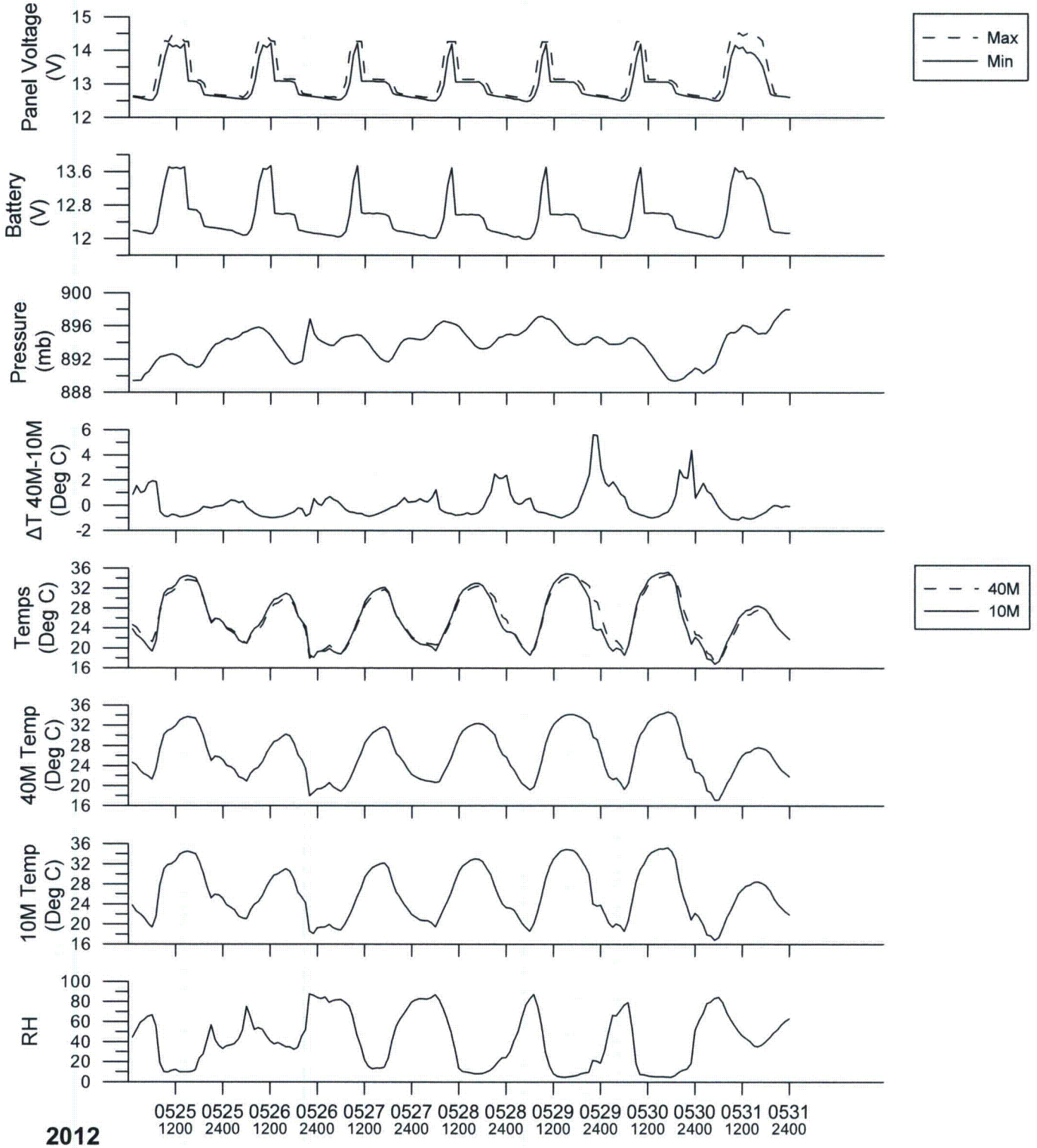
NEF QA Plots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Pressure (mb)
900
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892
888
ΔT 40M-10M (Deg C)
6
4
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-2
Temps (Deg C)
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10M
40M Temp (Deg C)
10M Temp (Deg C)
RH
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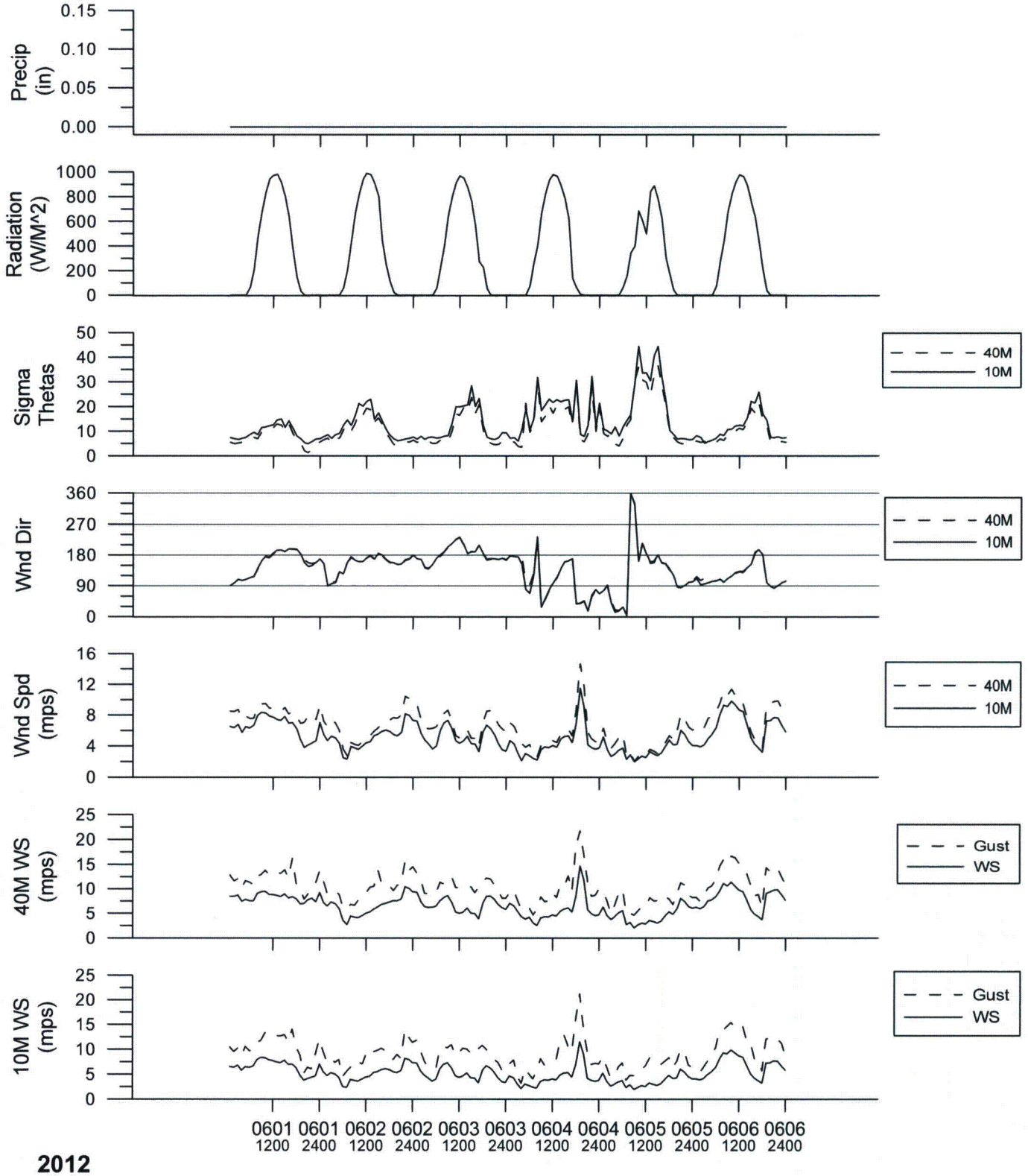
NEF QA Plots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Wnd Spd (mps)
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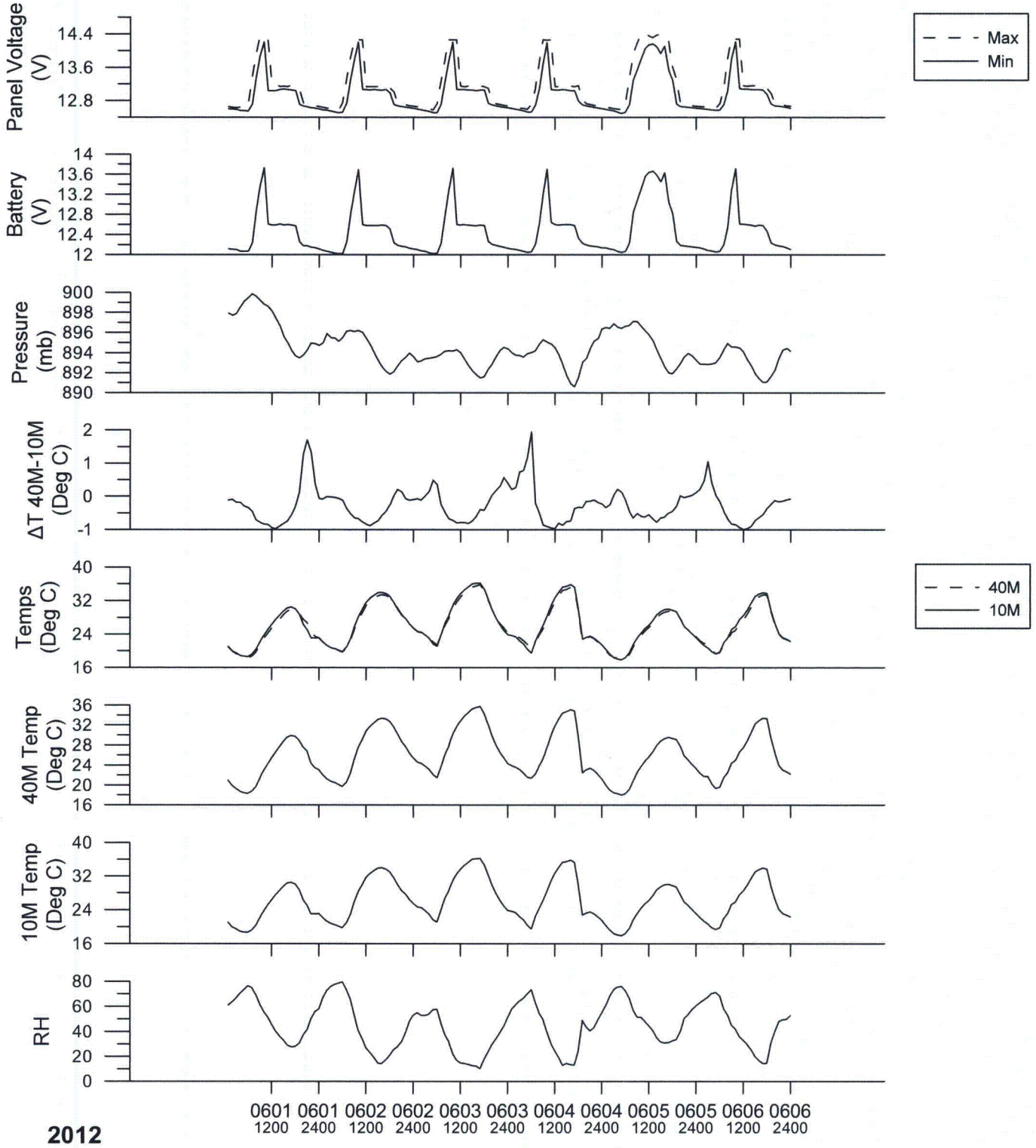
NEF QA Plots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Pressure (mb)
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892
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ΔT 40M-10M (Deg C)
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Temps (Deg C)
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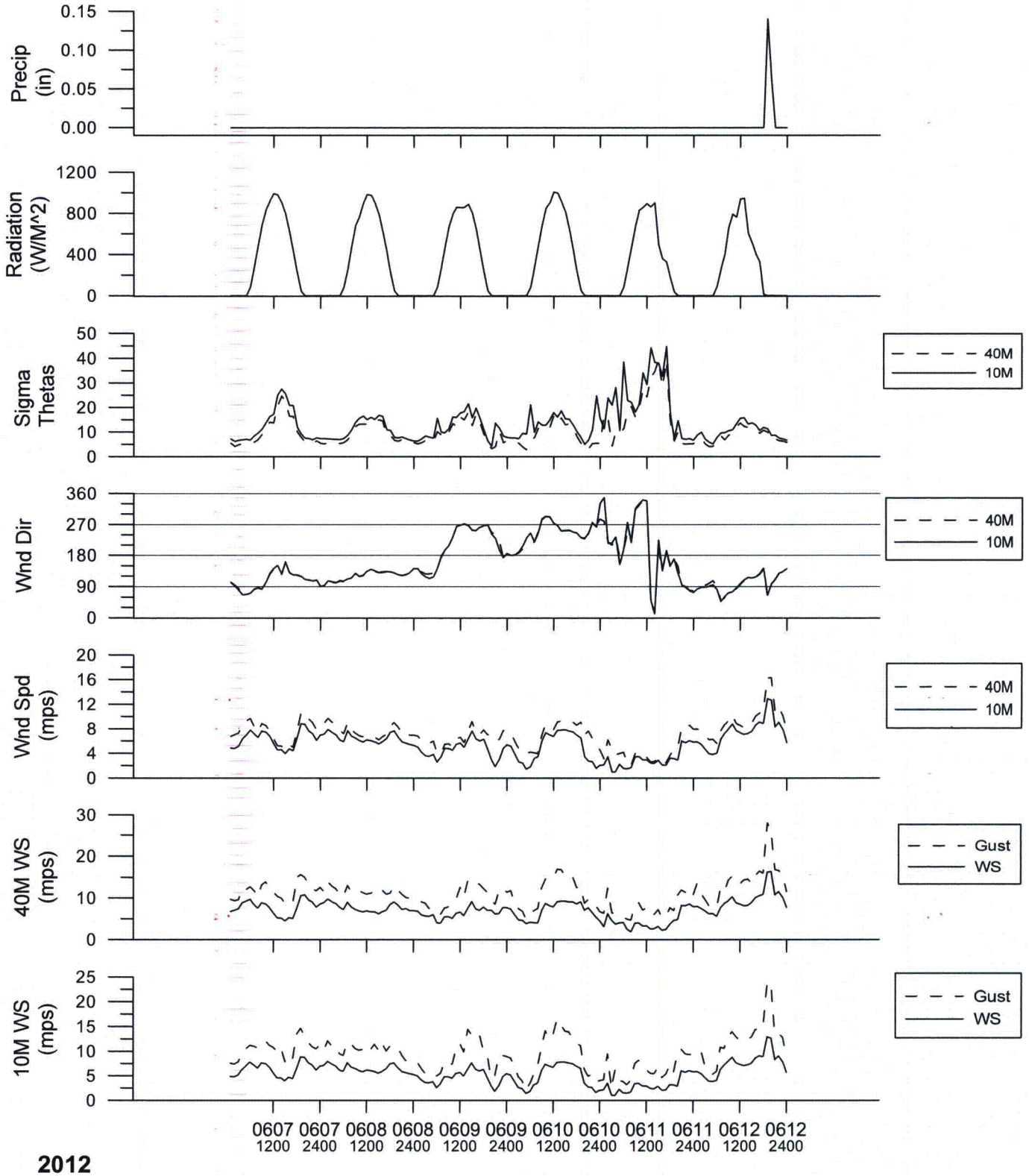
NEF QA Plots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Wnd Spd (mps)
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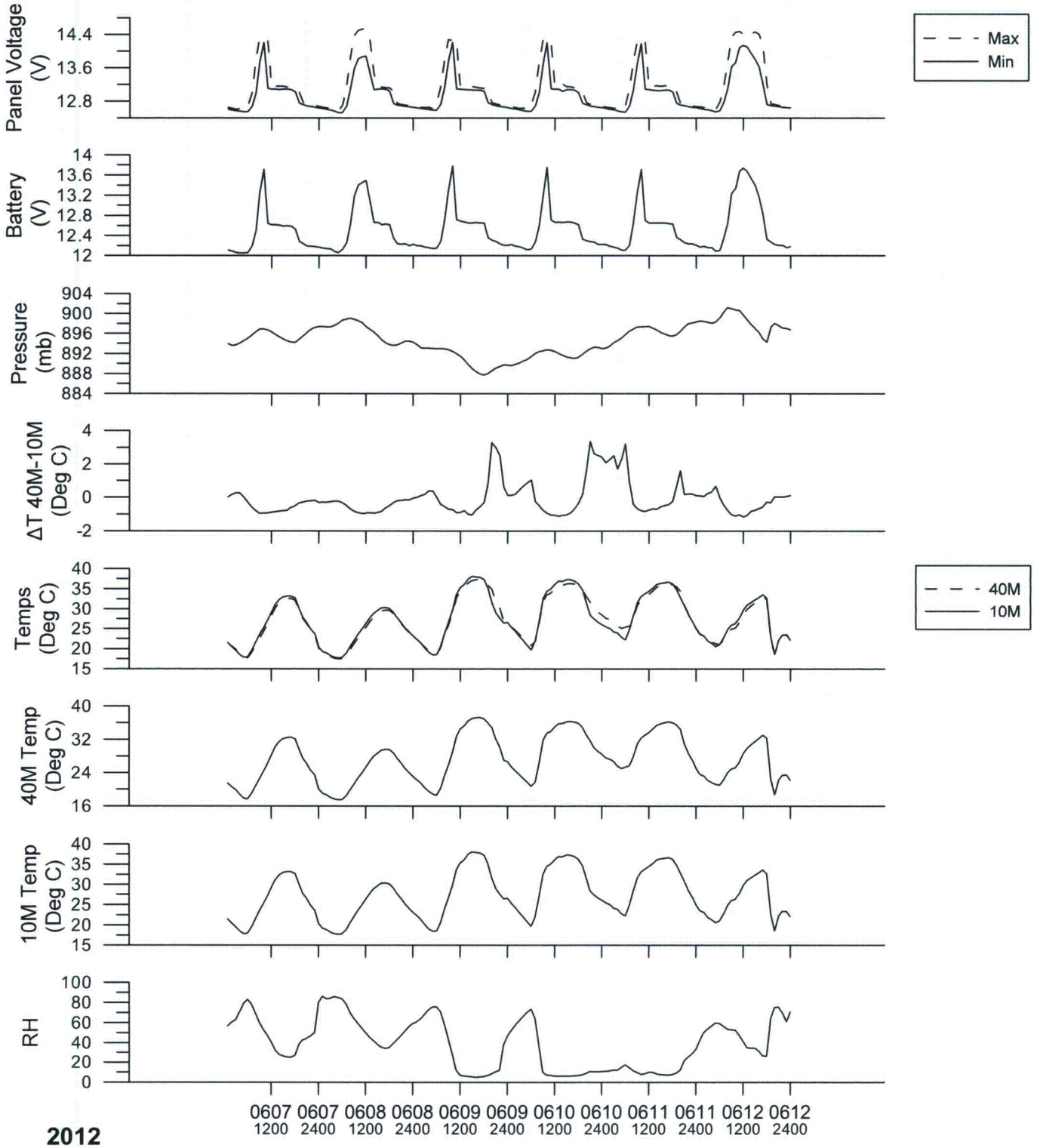
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Pressure (mb)
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ΔT 40M-10M (Deg C)
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Temps (Deg C)
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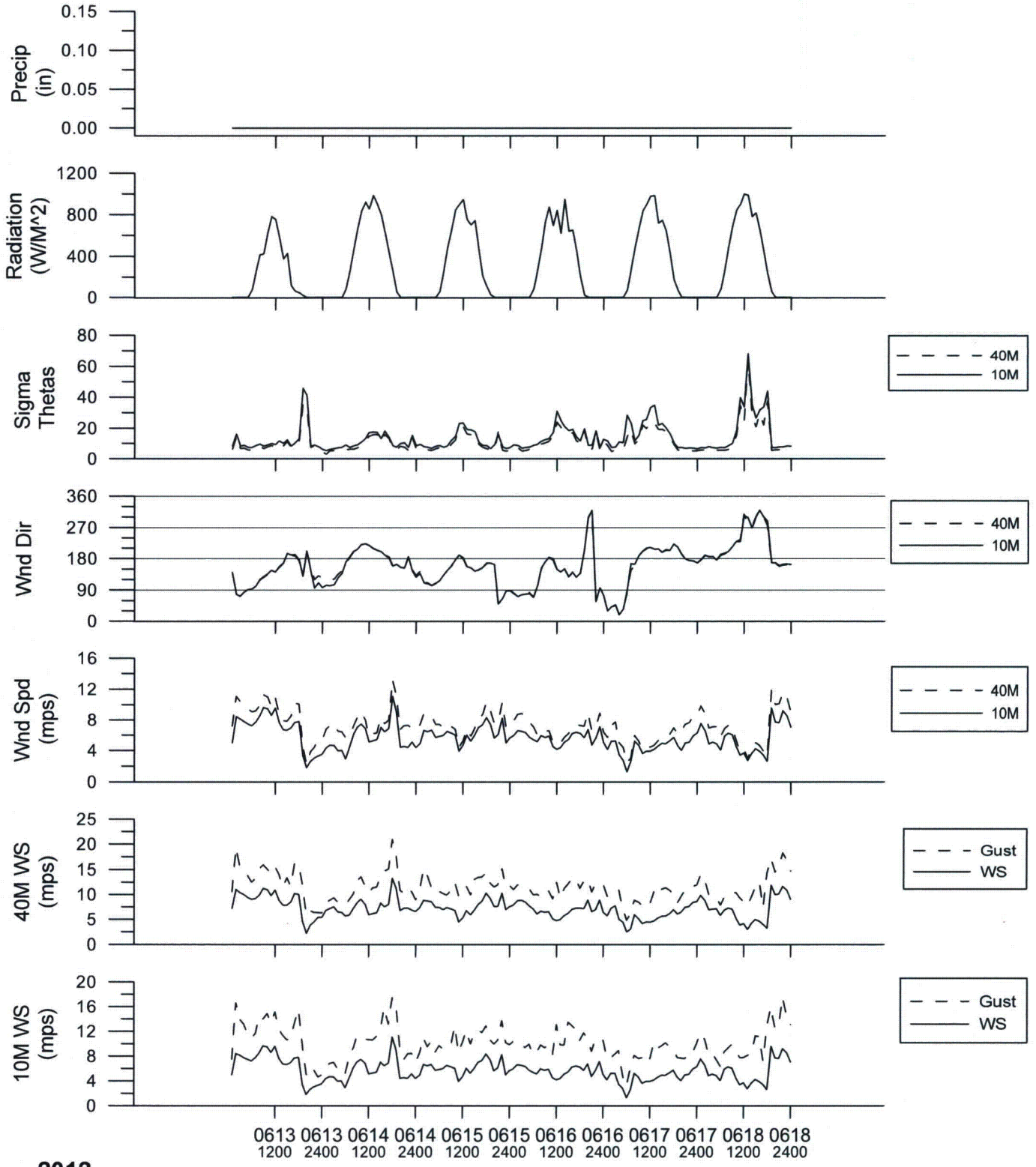
15
RH
100
80
60
40
20
0
0607 1200
0607 2400
0608 1200
0608 2400
0609 1200
0609 2400
0610 1200
0610 2400
0611 1200
0611 2400
0612 1200
0612 2400
2012

NEF QA Plots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0.05
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800
400
0
Sigma Thetas
80
60
40
20
0
40M
10M
Wnd Dir
360
270
180
90
0
40M
10M
Wnd Spd (mps)
16
12
8
4
0
40M
10M
40M WS (mps)
25
20
15
10
5
0
Gust
WS
10M WS (mps)
20
16
12
8
4
0
Gust
WS
0613 1200
0613 2400
0614 1200
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0615 1200
0615 2400
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0616 2400
0617 1200
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0618 1200
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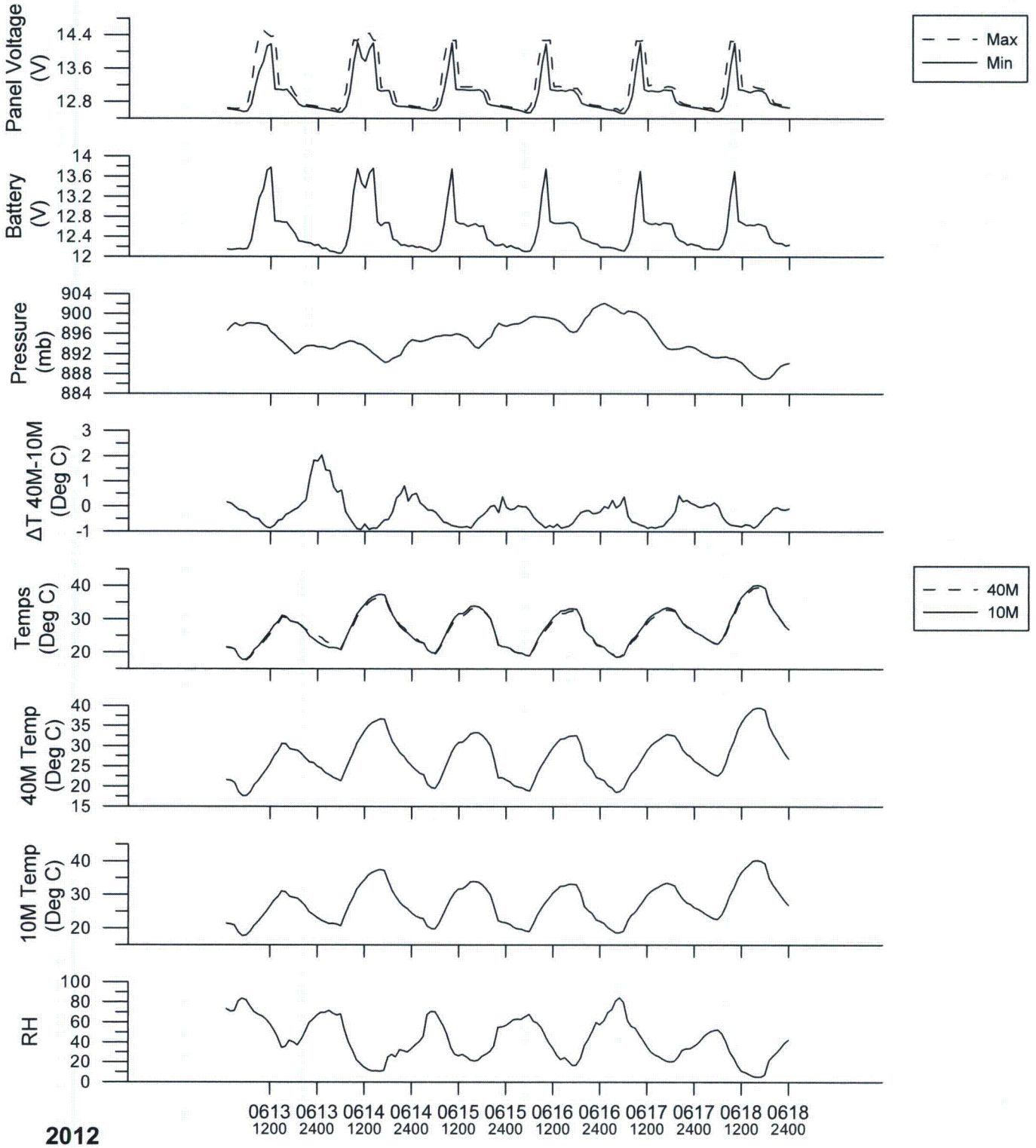
2012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14.4
13.6
12.8
Max
Min
Battery (V)
14
13.6
13.2
12.8
12.4
12
Pressure (mb)
904
900
896
892
888
884
ΔT 40M-10M (Deg C)
3
2
1
0
-1
Temps (Deg C)
40
30
20
40M
10M
40M Temp (Deg C)
40
35
30
25
20
15
10M Temp (Deg C)
40
30
20
RH
100
80
60
40
20
0
0613 1200
0613 2400
0614 1200
0614 2400
0615 1200
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0616 1200
0616 2400
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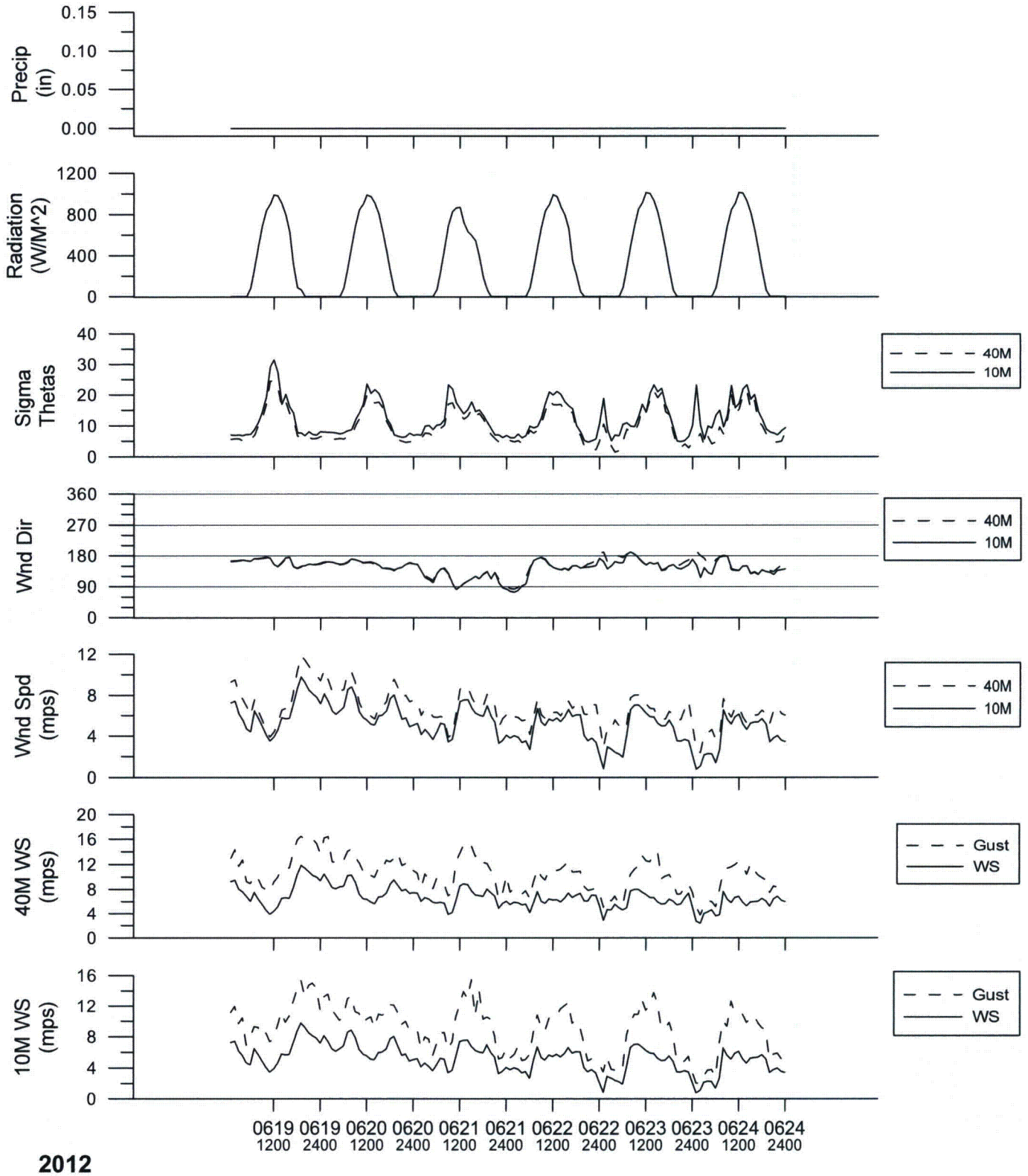
0617 2400
0618 1200
0618 2400
2012

NEF QA Plots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0.05
0.00
Radiation (W/M^2)
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800
400
0
Sigma Thetas
40
30
20
10
0
40M
10M
Wnd Dir
360
270
180
90
0
40M
10M
Wnd Spd (mps)
12
8
4
0
40M
10M
40M WS (mps)
20
16
12
8
4
0
Gust
WS
10M WS (mps)
16
12
8
4
0
Gust
WS
0619 1200
0619 2400
0620 1200
0620 2400
0621 1200
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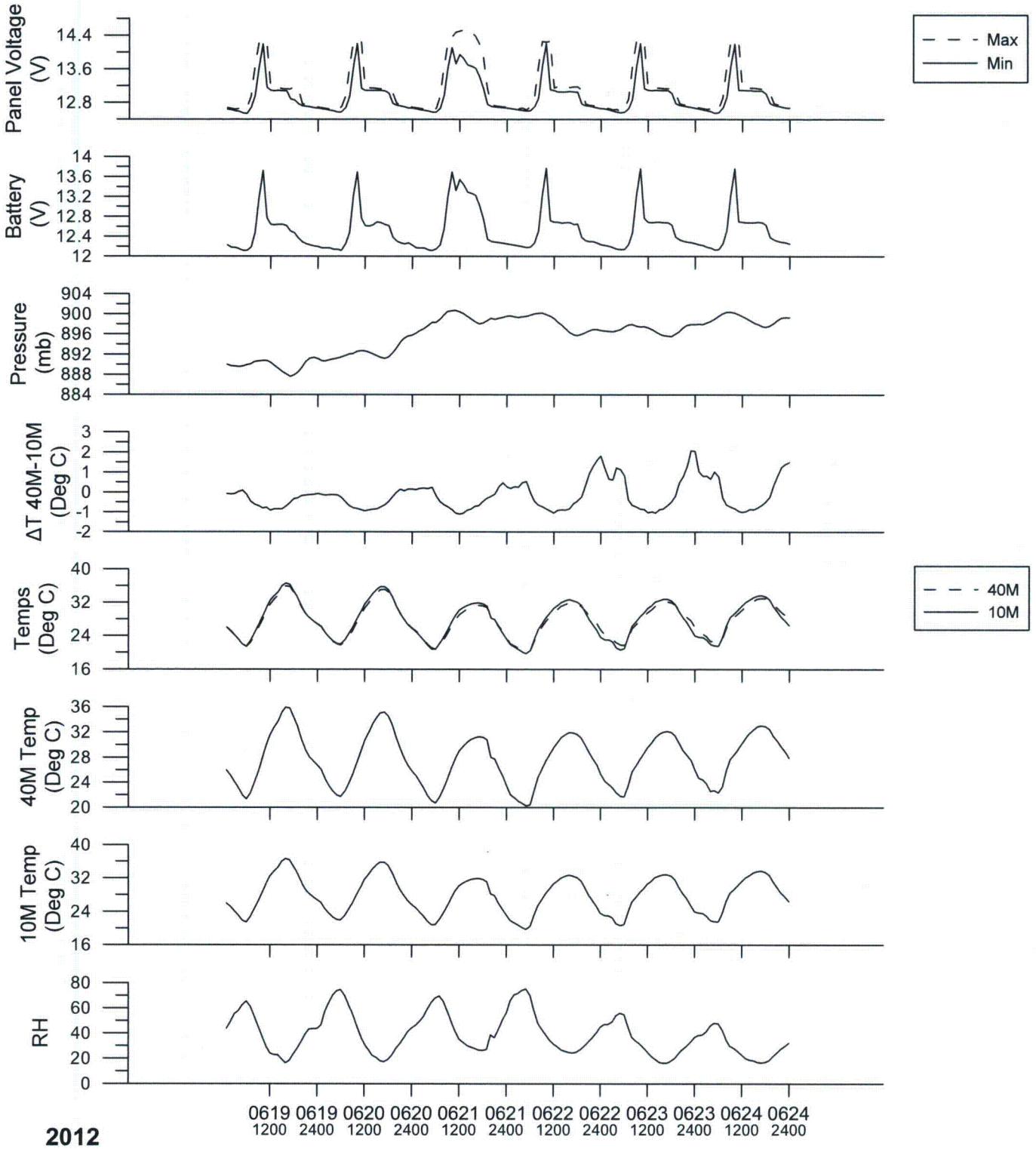
0622 1200
0622 2400
0623 1200
0623 2400
0624 1200
0624 2400
2012

NEF QA Plots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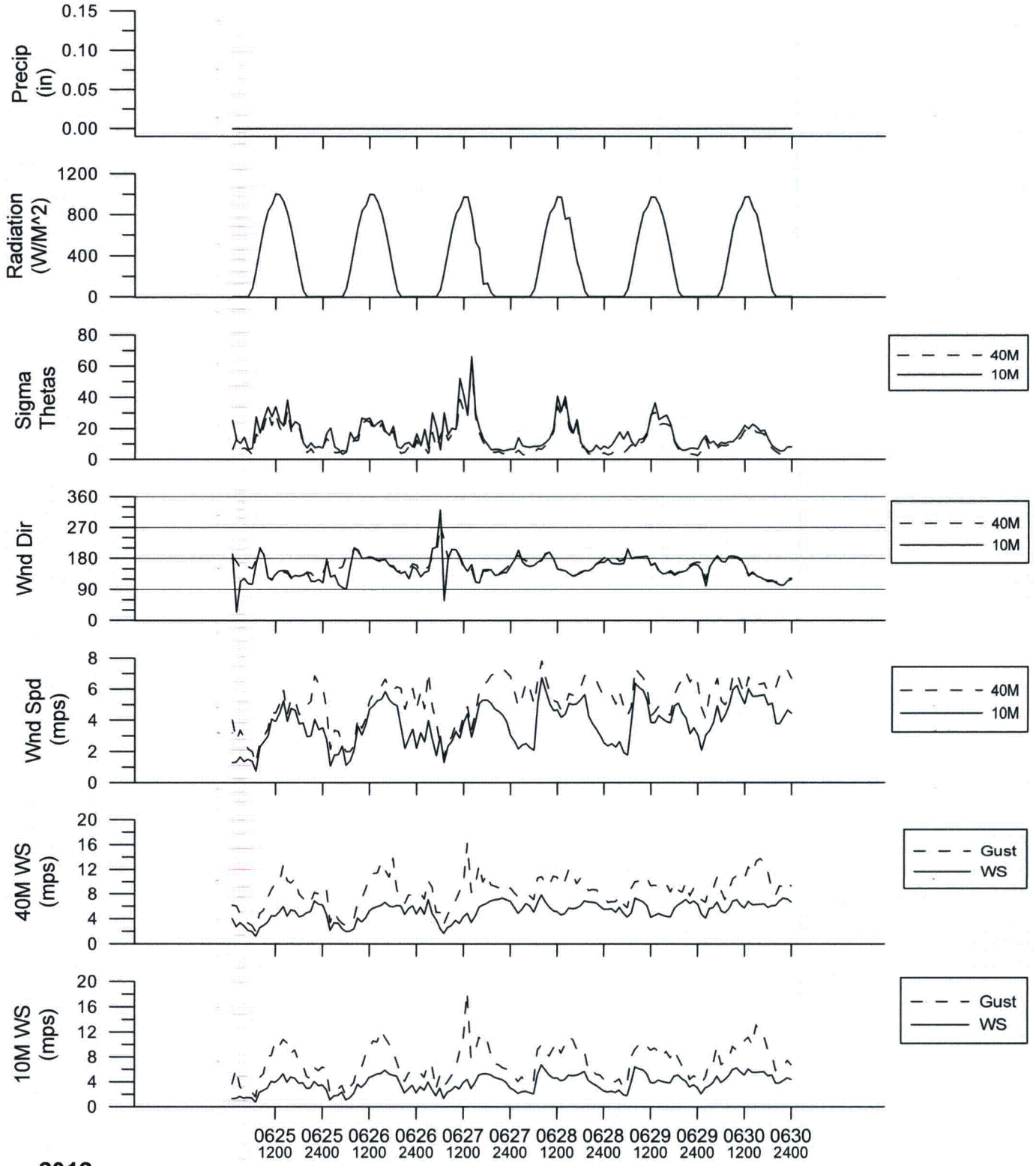
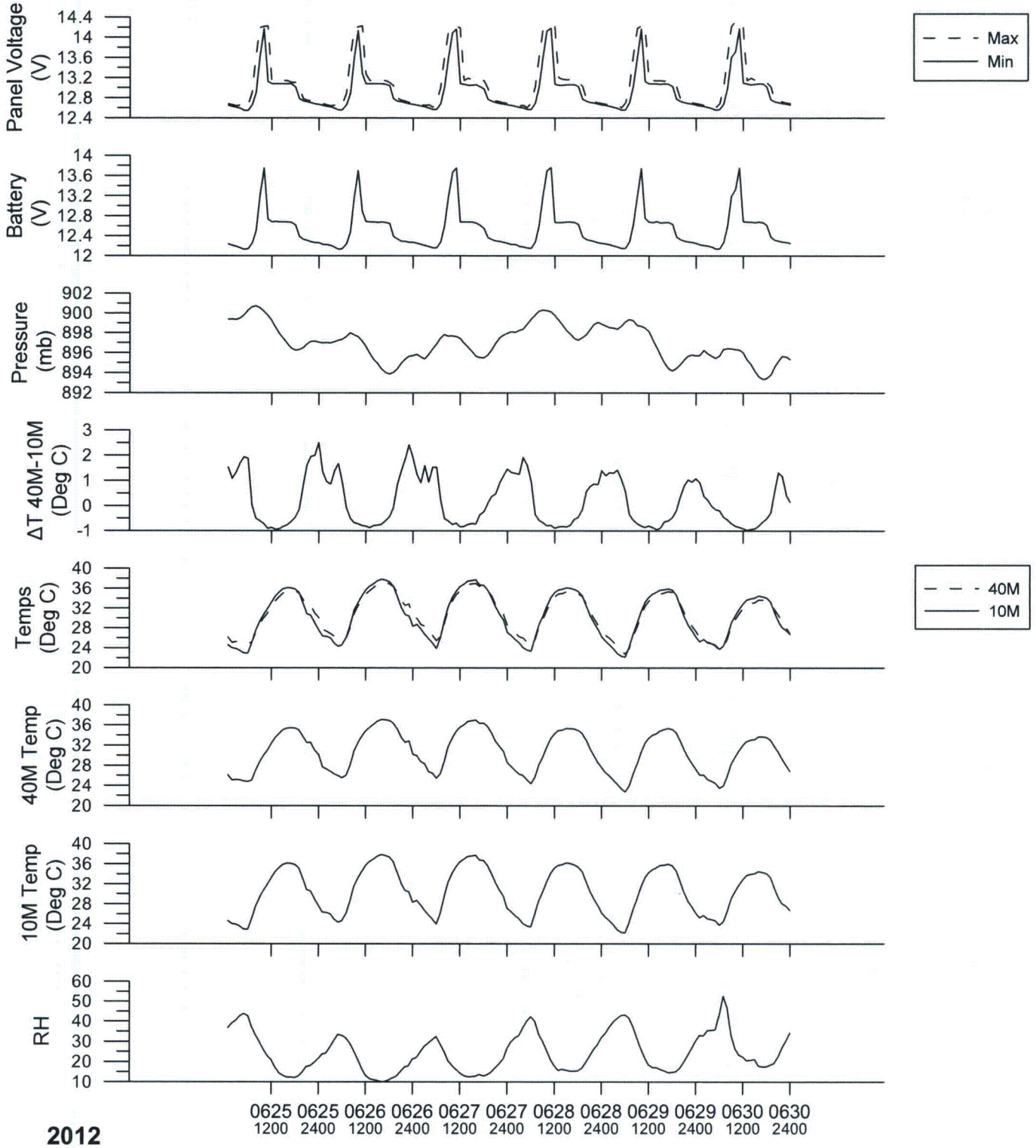
14.4
13.6
12.8
Max
Min
Battery (V)
14
13.6
13.2
12.8
12.4
12
Pressure (mb)
904
900
896
892
888
884
ΔT 40M-10M (Deg C)
3
2
1
0
-1
-2
Temps (Deg C)
40
32
24
16
40M
10M
40M Temp (Deg C)
36
32
28
24
20
10M Temp (Deg C)
40
32
24
16
RH
80
60
40
20
0
0619 1200
0619 2400
0620 1200
0620 2400
0621 1200
0621 2400
0622 1200
0622 2400
0623 1200
0623 2400
0624 1200
0624 2400
2012

NEF QA Plots



2012

NEF QA Plots


Panel Voltage (V)
14.4
14
13.6
13.2
12.8
12.4
Max
Min
Battery (V)
14
13.6
13.2
12.8
12.4
12
Pressure (mb)
902
900
898
896
894
892
ΔT 40M-10M (Deg C)
3
2
1
0
-1
Temps (Deg C)
40
36
32
28
24
20
40M
10M
40M Temp (Deg C)
40
36
32
28
24
20
10M Temp (Deg C)
40
36
32
28
24
20
RH
60
50
40
30
20
10
0625 1200
0625 2400
0626 1200
0626 2400
0627 1200
0627 2400
0628 1200
0628 2400
0629 1200
0629 2400
0630 1200
0630 2400
2012

Appendix B
Wind Information for 10- and 40-Meter Levels for April through June 2012

B.1 Hourly Average Wind Speed/Direction

B.2 Joint Frequency of Occurrence Distributions of Wind Speeds and Directions

B.3 Wind Gust

Appendix B.1
Hourly Average Wind Speed/Direction

National Enrichment Facility

10M Wind Speed and Direction in mps for APRIL, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13
01	264/02.9	329/02.5	173/02.8	169/03.0	175/01.6	166/01.9	183/01.4	213/01.7	205/02.5	273/06.3	268/05.9	227/07.3	226/09.5
02	159/02.8	159/02.5	211/02.2	178/00.8	239/00.8	243/01.1	267/02.2	267/06.1	271/08.2	263/08.8	245/09.1	237/11.6	240/13.1
03	325/03.2	328/03.8	318/03.3	332/02.8	333/02.9	310/03.1	322/03.0	288/06.0	275/07.9	271/08.7	275/08.7	283/09.1	288/09.1
04	028/05.2	359/03.3	353/02.5	309/01.9	217/00.9	338/01.8	319/01.8	213/01.3	220/03.0	216/04.8	217/05.0	235/06.0	260/05.9
05	107/04.8	102/04.2	074/04.2	061/04.5	059/05.3	058/04.9	070/04.2	094/04.2	092/02.8	094/01.7	138/01.7	201/02.7	208/03.7
06	117/06.0	112/05.3	096/04.6	076/05.1	074/05.4	067/05.6	077/05.9	099/06.1	132/05.8	154/04.9	178/04.5	190/03.5	214/03.4
07	192/01.6	184/03.0	190/02.7	188/01.9	193/00.9	152/00.9	221/00.6	261/01.6	247/02.8	334/04.6	008/05.7	025/08.4	030/08.3
08	059/06.0	052/04.7	038/03.4	359/03.2	012/03.9	022/04.9	029/05.1	048/05.7	062/06.6	062/05.0	142/02.3	136/02.0	190/02.5
09	149/02.7	171/01.7	111/01.0	107/01.6	103/01.6	082/02.5	094/02.4	155/04.0	185/04.9	184/03.8	167/04.0	166/04.4	168/05.0
10	131/02.5	111/04.4	102/02.9	088/03.3	092/04.2	093/04.1	099/03.4	126/03.9	146/03.9	165/02.9	159/02.4	148/03.1	152/04.8
11	150/03.6	127/03.9	122/03.4	110/02.9	093/01.6	083/01.3	080/02.8	115/03.6	127/04.0	100/05.7	131/07.1	147/07.7	150/07.7
12	142/04.7	173/02.4	156/02.1	173/03.8	171/04.8	186/03.8	196/04.6	203/07.0	215/05.9	229/05.9	243/06.0	234/06.0	225/07.1
13	171/02.8	162/02.7	181/01.4	249/01.4	247/01.2	255/00.9	228/01.6	206/02.4	188/01.5	249/02.4	289/02.9	215/04.0	226/04.9
14	171/07.2	176/05.3	185/05.1	189/04.3	176/03.3	163/02.6	166/04.9	177/06.6	199/06.5	193/08.0	208/10.3	214/10.3	217/10.3
15	319/07.0	313/05.3	300/05.2	324/02.2	301/02.7	296/03.2	273/04.4	293/08.9	270/08.4	256/08.8	259/09.4	268/10.3	272/08.5
16	338/03.7	341/03.8	345/03.9	345/03.4	347/02.3	026/04.6	014/02.5	064/04.5	082/04.6	090/03.3	141/02.0	250/02.6	194/04.0
17	105/06.2	099/03.9	113/04.5	114/04.4	119/04.4	122/04.1	139/04.6	172/05.2	186/06.9	184/06.4	192/06.3	187/06.0	185/05.6
18	161/03.9	162/03.7	157/02.7	161/02.5	161/03.0	168/04.6	174/06.7	176/07.7	185/07.2	189/06.4	191/06.0	197/06.2	200/06.0
19	177/04.4	194/03.5	188/02.7	214/01.9	249/01.3	253/01.3	266/02.1	219/03.0	256/03.2	271/03.8	297/06.3	292/06.7	276/06.6
20	048/06.6	061/07.1	056/04.8	010/03.8	349/04.7	003/04.6	016/07.4	026/08.6	028/08.1	034/08.2	030/06.6	027/05.4	038/05.9
21	093/04.5	100/04.4	120/03.3	122/03.2	114/03.0	132/03.4	156/04.1	169/06.6	175/06.2	183/05.9	195/05.4	209/04.3	214/03.8
22	144/02.5	144/02.5	101/02.7	090/03.0	090/02.8	101/02.0	076/02.4	146/03.8	161/04.6	140/04.9	135/06.7	137/06.4	132/05.6
23	085/07.8	087/07.9	086/06.6	077/05.0	076/05.7	064/07.5	084/08.2	092/08.7	101/08.1	124/07.2	140/05.1	140/04.8	143/05.2
24	143/03.9	122/03.2	074/03.7	072/02.9	087/03.9	121/03.8	095/02.9	145/03.3	168/02.6	130/02.1	176/02.8	203/03.6	200/03.7
25	160/02.6	201/01.9	213/01.1	196/01.6	205/01.3	246/01.6	247/02.4	233/03.5	288/04.9	317/04.7	303/05.4	288/05.4	286/05.5
26	337/03.6	335/03.8	330/04.1	334/04.7	334/04.3	335/04.3	332/03.3	021/03.5	030/02.8	018/01.9	179/01.5	205/02.8	203/03.2
27	285/04.4	286/08.1	295/05.2	304/05.5	346/03.6	005/02.2	340/02.7	325/04.2	290/04.9	269/07.5	259/08.6	269/08.2	248/06.2
28	321/02.3	340/05.0	343/05.0	343/02.9	328/03.0	059/02.0	048/02.4	026/04.9	028/04.5	054/03.6	064/03.0	064/03.0	135/02.6
29	145/02.9	087/04.2	087/04.1	069/03.7	076/03.5	100/03.2	089/03.1	123/02.5	098/03.5	078/03.7	090/03.4	104/02.7	070/02.6
30	127/04.2	114/04.1	104/04.2	103/03.8	109/02.9	093/02.8	129/02.9	181/05.5	187/04.6	192/04.1	199/03.0	202/02.8	202/03.7
MEAN	132/04.2	119/04.1	112/03.5	094/03.2	101/03.0	086/03.2	095/03.5	164/04.8	182/05.0	185/05.2	194/05.2	206/05.6	207/05.8
MX SPD	085/07.8	286/08.1	086/06.6	304/05.5	076/05.7	064/07.5	084/08.2	293/08.9	270/08.4	263/08.8	208/10.3	237/11.6	240/13.1
MN SPD	192/01.6	171/01.7	111/01.0	178/00.8	239/00.8	152/00.9	221/00.6	213/01.3	188/01.5	094/01.7	179/01.5	136/02.0	190/02.5

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

10M Wind Speed and Direction in mps for APRIL, 2012 PAGE 2

HR END DAY	14	15	16	17	18	19	20	21	22	23	24	MEAN	MX SPD	MN SPD
01	220/11.2	232/11.0	231/10.2	233/08.5	234/07.5	213/03.3	211/02.9	259/04.5	282/02.8	302/02.5	194/02.8	226/04.9	220/11.2	183/01.4
02	249/14.2	255/14.5	258/12.6	274/09.1	285/07.8	294/05.2	296/03.9	315/02.4	328/02.7	336/02.7	331/02.4	261/06.1	255/14.5	178/00.8
03	298/08.8	297/07.8	298/07.5	308/06.4	324/05.8	347/04.0	359/03.4	008/03.1	007/03.6	017/04.5	025/05.0	319/05.5	283/09.1	332/02.8
04	287/06.8	300/06.3	299/05.6	295/04.7	297/03.9	266/02.8	182/01.1	355/00.9	354/01.6	336/00.6	107/02.6	290/03.3	287/06.8	336/00.6
05	240/03.5	211/03.9	209/03.5	210/03.6	169/04.1	138/04.0	137/04.9	108/05.6	108/07.6	110/07.5	112/06.5	123/04.3	108/07.6	094/01.7
06	201/04.1	201/05.1	213/06.0	215/06.2	221/05.3	190/03.4	195/03.0	188/03.2	179/05.6	187/04.5	193/02.1	162/04.8	215/06.2	193/02.1
07	028/07.4	030/07.9	029/08.0	033/09.7	033/09.8	048/10.4	044/08.6	047/08.0	027/06.1	054/07.3	022/03.9	037/05.4	048/10.4	221/00.6
08	137/02.6	186/03.1	173/03.2	142/03.3	128/03.2	126/03.3	141/03.7	145/03.2	144/03.2	139/04.0	152/03.1	107/03.8	062/06.6	136/02.0
09	169/05.6	161/05.2	155/05.1	158/05.4	171/04.1	151/05.0	147/06.1	162/06.7	165/03.8	133/03.5	131/03.1	149/03.9	162/06.7	111/01.0
10	146/04.8	142/05.0	150/04.8	156/05.1	162/05.7	161/05.5	154/04.9	159/04.2	161/03.5	166/02.7	169/04.0	140/04.0	162/05.7	159/02.4
11	157/07.7	141/07.5	150/07.8	152/08.8	144/07.8	150/07.0	146/04.1	119/04.1	136/06.4	129/05.1	122/04.7	129/05.3	152/08.8	083/01.3
12	226/09.3	226/09.7	224/09.1	230/08.2	250/07.4	266/05.5	258/02.9	194/02.4	170/03.4	216/02.1	202/03.0	209/05.3	226/09.7	156/02.1
13	213/06.1	205/07.0	211/06.8	195/06.8	184/05.9	159/04.3	151/07.1	157/09.6	155/08.4	160/08.4	165/09.8	199/04.6	165/09.8	255/00.9
14	217/12.2	216/12.6	218/13.0	226/11.8	215/09.8	246/07.6	289/08.5	298/08.5	291/07.9	307/06.7	322/07.6	215/08.0	218/13.0	163/02.6
15	272/09.0	270/07.3	270/07.4	265/05.7	264/04.7	246/03.2	232/01.9	259/03.0	301/02.5	326/03.4	345/04.0	283/05.7	268/10.3	232/01.9
16	231/04.0	282/02.9	254/03.7	273/04.0	296/04.0	318/02.1	007/01.8	040/03.4	095/04.9	108/05.0	095/05.3	360/03.6	095/05.3	007/01.8
17	171/06.2	174/06.3	176/06.8	170/06.9	166/07.2	154/05.3	140/04.7	137/05.5	146/05.1	152/04.0	156/03.6	153/05.4	166/07.2	156/03.6
18	195/05.6	193/06.7	209/06.4	209/06.0	182/07.5	166/07.1	172/06.6	173/06.0	179/05.5	178/05.8	173/05.0	180/05.6	176/07.7	161/02.5
19	259/06.3	255/08.9	259/08.4	256/06.7	262/04.5	022/05.0	061/05.5	043/05.3	039/05.0	045/07.0	048/06.4	263/04.8	255/08.9	249/01.3
20	028/04.4	017/04.8	017/04.2	011/04.6	013/03.9	027/03.2	046/03.3	072/04.1	075/03.4	087/03.0	092/04.3	035/05.2	026/08.6	087/03.0
21	223/03.2	222/03.3	211/02.9	196/03.1	164/03.4	145/03.7	131/03.8	114/04.0	136/04.5	145/03.5	144/03.3	158/04.0	169/06.6	211/02.9
22	141/05.2	166/04.5	136/04.6	123/04.7	126/04.5	111/04.2	095/06.8	092/08.4	090/08.0	091/09.6	085/08.1	119/04.9	091/09.6	101/02.0
23	160/05.0	152/04.8	147/05.0	155/04.7	163/04.7	156/03.3	144/04.1	139/04.6	135/03.2	114/02.7	127/03.3	121/05.6	092/08.7	114/02.7
24	210/03.8	220/03.4	210/04.2	233/04.5	272/04.3	265/03.0	201/01.9	160/03.0	166/02.3	180/03.2	171/03.4	168/03.3	233/04.5	201/01.9
25	276/05.6	254/05.0	254/04.5	261/04.7	277/04.5	277/01.8	267/01.5	293/03.0	307/03.5	343/03.3	322/04.0	265/03.5	276/05.6	213/01.1
26	191/04.5	178/05.7	171/07.5	173/08.1	183/07.1	184/04.5	172/03.5	189/02.6	201/01.2	236/02.7	281/03.2	238/03.9	173/08.1	201/01.2
27	235/05.3	224/05.8	224/06.3	228/06.3	230/06.3	228/03.9	256/04.5	233/01.5	192/01.8	153/01.2	313/02.1	266/04.8	259/08.6	153/01.2
28	128/02.5	208/02.4	158/02.5	167/03.6	187/04.1	155/02.6	143/03.4	169/07.4	177/08.2	176/06.0	181/03.7	108/03.8	177/08.2	059/02.0
29	090/02.6	166/03.1	138/03.2	148/03.9	140/07.8	146/11.0	153/08.6	171/07.2	167/06.2	169/05.2	155/03.6	119/04.4	146/11.0	123/02.5
30	200/03.9	198/04.9	215/04.1	221/04.3	187/09.0	186/07.5	187/06.2	183/07.3	187/05.5	184/05.0	184/05.4	173/04.7	187/09.0	093/02.8
MEAN	206/06.0	211/06.2	207/06.2	209/06.0	206/05.9	185/04.8	165/04.4	153/04.8	151/04.6	142/04.4	140/04.3	175/04.7		
MX SPD	249/14.2	255/14.5	218/13.0	226/11.8	033/09.8	146/11.0	044/08.6	157/09.6	155/08.4	091/09.6	165/09.8		255/14.5	
MN SPD	128/02.5	208/02.4	158/02.5	196/03.1	128/03.2	277/01.8	182/01.1	355/00.9	201/01.2	336/00.6	193/02.1			336/00.6

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 175/04.7 MAXIMUM WIND SPEED WAS 14.5 mps AT 255 DEGREES ON 4/ 2 AT 1500

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

10M Wind Speed and Direction in mps for MAY, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13
01	181/06.0	186/06.6	191/05.6	186/03.6	182/02.5	187/02.6	200/04.3	211/04.6	224/04.5	241/04.1	255/05.0	231/06.3	244/07.8
02	170/03.9	176/03.5	195/02.5	215/01.4	175/01.3	223/01.3	254/02.0	213/03.0	229/04.0	249/03.3	267/03.0	224/04.3	230/06.1
03	169/02.3	180/01.2	266/01.6	305/02.4	331/03.9	339/03.8	327/02.9	314/03.4	297/05.6	275/05.7	261/05.9	258/05.4	262/05.3
04	178/02.1	157/02.7	157/01.7	251/01.9	227/01.1	212/01.2	286/02.1	271/03.3	277/05.1	273/05.7	262/06.3	233/06.1	237/07.6
05	221/02.1	158/03.5	191/02.1	194/00.8	183/01.1	177/01.3	202/01.5	211/03.2	226/03.1	285/05.0	283/06.0	265/06.8	253/07.3
06	202/01.7	211/01.9	233/01.9	245/01.6	206/01.6	299/01.9	303/03.9	296/06.7	309/06.4	339/05.6	343/04.9	344/03.9	314/03.4
07	051/07.7	049/07.3	047/07.0	036/05.5	026/05.0	032/05.4	035/06.5	030/06.3	028/06.4	034/05.8	052/06.2	043/06.0	051/06.7
08	046/07.6	047/07.7	093/03.7	061/06.9	053/07.2	047/06.4	063/06.9	049/06.7	038/06.1	035/06.3	042/05.4	045/04.7	023/04.5
09	109/01.6	101/00.9	153/00.7	049/01.8	056/02.5	070/02.4	071/02.8	085/03.1	099/02.7	097/02.7	122/03.0	101/03.4	102/03.2
10	178/03.1	156/04.1	161/04.6	105/02.8	064/04.5	071/04.2	110/01.9	060/05.5	068/07.1	074/06.3	110/06.1	128/05.7	142/03.6
11	024/03.2	018/03.0	021/02.7	011/02.7	359/02.4	333/01.6	344/02.2	331/02.8	350/03.6	346/05.2	336/04.2	339/04.0	347/04.7
12	342/02.9	360/03.1	013/03.4	012/02.9	015/02.7	353/02.1	020/03.3	033/04.2	045/04.7	057/05.1	076/03.7	062/03.3	074/03.7
13	145/02.2	145/02.3	149/02.5	096/01.5	050/01.4	073/02.1	136/03.5	122/05.3	128/05.8	137/06.0	123/03.7	083/02.2	072/04.9
14	029/03.6	073/03.4	094/02.5	289/02.1	336/02.2	328/03.0	006/03.1	026/02.9	127/04.9	265/03.6	255/03.6	170/04.5	304/03.4
15	018/02.8	001/02.6	329/02.3	334/03.2	336/02.7	346/02.6	005/02.5	013/02.1	360/01.6	349/01.7	002/02.0	031/01.9	283/01.9
16	226/01.7	276/01.7	310/02.4	335/04.0	337/04.3	330/03.8	313/02.9	284/03.4	262/04.0	234/03.1	173/03.1	208/03.3	211/03.2
17	171/02.7	165/01.3	285/00.5	113/01.2	148/02.8	143/02.6	173/03.4	190/06.6	178/07.9	176/07.2	180/06.9	181/05.9	175/05.2
18	174/06.3	175/05.5	178/05.1	181/04.7	184/03.6	187/02.5	194/04.3	200/05.6	212/05.4	219/05.1	208/05.1	204/06.1	212/06.5
19	173/06.7	175/04.7	183/03.9	179/02.9	193/02.4	196/02.1	199/04.1	211/04.5	233/03.8	296/03.2	276/02.5	215/04.2	243/06.1
20	170/03.9	169/03.0	161/02.5	157/02.1	351/03.3	055/02.8	086/04.4	079/04.1	028/05.2	044/04.3	051/04.6	065/05.7	079/06.0
21	106/03.3	126/04.3	128/03.8	088/03.5	095/03.7	082/03.4	129/05.5	147/06.2	144/06.0	141/05.2	132/06.0	127/06.6	140/07.4
22	128/02.6	095/02.9	047/03.8	040/04.2	058/04.9	087/04.5	140/05.6	167/07.0	185/06.8	180/07.5	186/08.5	179/08.4	187/07.6
23	179/04.6	182/04.2	189/04.4	199/03.0	218/01.9	230/01.4	220/02.2	224/02.9	269/03.3	267/04.4	251/07.1	256/09.0	260/08.7
24	268/07.1	212/02.9	216/03.0	249/03.6	258/05.3	277/07.0	271/09.0	264/11.1	269/11.6	275/10.4	270/09.2	267/09.6	260/09.4
25	192/02.5	160/03.5	180/02.4	259/01.8	228/01.5	241/01.6	224/01.8	278/04.7	281/08.4	271/07.7	224/05.2	207/05.1	207/06.7
26	188/05.4	179/05.2	166/05.5	150/06.7	147/06.2	145/06.1	165/07.8	167/10.3	165/10.2	171/09.9	174/09.3	173/08.6	174/08.7
27	088/04.4	099/02.8	137/02.4	160/02.8	190/03.5	201/04.1	194/06.1	198/07.1	205/06.0	217/05.4	214/05.2	230/06.1	238/07.1
28	165/02.3	160/02.0	162/01.1	274/01.3	294/02.2	326/02.3	293/02.0	277/02.4	314/02.5	306/02.6	312/02.9	279/03.1	253/03.7
29	173/01.1	196/01.0	195/01.3	188/01.1	232/01.1	287/00.8	231/02.2	201/02.9	219/02.5	236/03.4	242/04.4	241/05.3	253/06.5
30	154/02.8	151/02.5	155/02.0	177/01.2	189/01.4	213/01.5	225/03.2	240/03.2	278/03.5	287/04.3	281/04.6	271/05.9	278/06.6
31	051/05.7	033/04.0	012/03.3	014/04.0	021/05.7	039/09.1	053/10.5	057/10.0	055/09.5	070/10.8	075/10.4	076/08.1	087/08.9
MEAN	156/03.7	148/03.4	166/03.0	182/02.9	203/03.1	318/03.1	216/04.0	226/05.0	250/05.4	269/05.4	240/05.3	209/05.5	231/05.9
MX SPD	051/07.7	047/07.7	047/07.0	061/06.9	053/07.2	039/09.1	053/10.5	264/11.1	269/11.6	070/10.8	075/10.4	267/09.6	260/09.4
MN SPD	173/01.1	101/00.9	285/00.5	194/00.8	227/01.1	287/00.8	202/01.5	013/02.1	360/01.6	349/01.7	002/02.0	031/01.9	283/01.9

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

10M Wind Speed and Direction in mps for MAY, 2012 PAGE 2

HR END DAY	14	15	16	17	18	19	20	21	22	23	24	MEAN	MX SPD	MN SPD
01	233/09.1	238/09.6	232/08.7	242/09.2	252/08.5	262/06.3	200/06.5	173/06.6	181/05.9	179/04.8	178/04.0	212/05.9	238/09.6	182/02.5
02	221/07.3	228/07.6	233/08.4	245/09.0	260/09.2	267/06.7	288/04.4	301/03.6	292/05.0	159/05.9	173/04.7	229/04.6	260/09.2	175/01.3
03	236/05.0	234/04.7	249/04.4	243/04.8	268/04.0	261/02.6	241/02.5	272/03.0	288/03.0	189/04.7	193/03.2	262/03.8	261/05.9	180/01.2
04	242/07.7	238/08.4	237/07.6	243/07.0	249/07.0	248/04.8	252/03.6	269/04.7	277/03.8	287/03.1	280/01.8	246/04.4	238/08.4	227/01.1
05	246/06.8	250/06.4	235/07.4	235/08.2	233/05.7	260/06.9	259/05.0	260/04.4	221/02.9	209/01.8	208/02.2	228/04.2	235/08.2	194/00.8
06	281/02.9	296/04.0	288/04.4	229/07.6	228/07.5	235/05.7	240/02.6	303/03.1	011/04.8	048/06.4	051/07.5	284/04.2	229/07.6	245/01.6
07	058/04.2	051/03.9	059/06.1	082/06.5	103/10.8	087/10.3	046/09.6	073/08.2	076/07.7	049/07.7	049/09.4	052/06.9	103/10.8	051/03.9
08	041/05.6	054/06.0	065/05.3	073/06.3	080/05.8	077/04.5	068/04.0	061/03.6	062/03.4	080/04.2	096/03.5	058/05.5	047/07.7	062/03.4
09	130/03.5	127/03.8	133/03.7	120/04.0	120/03.8	117/03.6	138/04.3	150/03.9	199/05.0	164/03.9	152/02.9	115/03.1	199/05.0	153/00.7
10	127/02.8	096/05.1	115/04.2	075/02.9	076/02.1	051/02.0	094/02.0	065/02.5	059/04.1	045/03.7	042/03.0	093/03.9	068/07.1	110/01.9
11	001/04.6	001/05.7	018/05.6	033/06.6	033/04.6	020/05.3	028/06.2	032/05.1	037/06.6	031/05.1	355/02.6	006/04.2	033/06.6	333/01.6
12	074/03.5	072/03.2	082/03.4	087/03.9	089/03.9	082/04.2	081/04.3	075/03.6	059/03.2	091/04.1	119/04.3	055/03.6	057/05.1	353/02.1
13	100/05.6	105/06.9	106/06.0	084/06.3	082/06.8	077/06.1	042/05.6	040/04.6	133/03.2	188/03.5	181/03.4	108/04.2	105/06.9	050/01.4
14	293/03.4	349/05.4	010/05.6	033/06.1	045/05.5	025/03.0	019/02.4	357/02.3	009/02.3	354/03.3	014/02.9	002/03.5	033/06.1	289/02.1
15	080/01.9	020/02.3	064/02.1	043/02.2	036/02.1	077/02.2	111/03.1	116/03.7	117/02.3	211/01.2	247/01.5	019/02.3	116/03.7	211/01.2
16	202/03.6	181/04.1	189/03.5	204/03.1	182/03.6	153/03.7	166/03.5	165/03.4	157/03.4	151/03.8	148/04.2	214/03.4	337/04.3	226/01.7
17	168/06.0	171/06.8	173/06.4	175/06.8	170/06.9	159/05.8	152/05.2	159/05.5	167/07.1	171/07.4	176/06.8	169/05.2	178/07.9	285/00.5
18	220/08.1	221/08.3	228/08.0	215/08.0	193/08.6	169/08.0	172/06.0	180/06.4	176/06.6	175/07.0	174/06.9	194/06.2	193/08.6	187/02.5
19	242/06.8	232/04.6	211/04.7	228/06.8	239/06.6	240/04.0	216/02.2	173/06.1	171/05.9	169/04.3	175/04.1	210/04.5	242/06.8	196/02.1
20	084/06.2	094/05.8	103/06.1	109/05.9	110/05.8	111/05.5	112/06.1	106/05.9	108/06.1	116/06.0	117/04.1	097/04.8	084/06.2	157/02.1
21	151/07.3	148/06.0	139/05.8	147/06.2	153/05.6	145/05.3	132/03.9	138/04.6	146/04.4	136/04.5	134/02.6	132/05.0	140/07.4	134/02.6
22	193/06.7	186/07.0	185/07.1	173/06.9	162/08.5	164/07.3	167/06.7	168/06.8	173/06.0	171/05.1	172/03.7	157/06.1	186/08.5	128/02.6
23	257/08.9	260/09.3	263/08.8	239/07.5	239/06.4	230/04.0	224/02.8	197/03.1	208/03.4	246/06.6	249/06.1	232/05.2	260/09.3	230/01.4
24	255/08.8	253/08.4	227/05.9	228/07.4	229/07.9	227/05.1	210/02.8	218/01.7	147/03.7	161/06.5	177/04.5	239/06.7	269/11.6	218/01.7
25	185/07.7	173/07.0	166/07.2	159/08.0	153/09.4	146/06.9	157/10.2	166/10.8	178/11.1	181/09.6	186/07.8	197/06.2	178/11.1	228/01.5
26	167/09.1	167/09.0	163/09.0	158/11.2	154/10.6	164/07.3	156/09.8	278/06.5	337/04.1	060/06.7	072/06.7	162/07.9	158/11.2	337/04.1
27	236/07.0	220/06.2	216/05.8	213/05.9	187/06.2	171/07.5	180/05.5	181/04.0	173/03.6	174/04.1	174/03.0	190/05.1	171/07.5	137/02.4
28	216/03.3	247/04.8	253/05.2	253/05.4	253/04.2	266/01.4	191/00.6	174/01.3	238/01.2	072/00.7	146/02.0	251/02.5	253/05.4	191/00.6
29	277/06.8	273/06.8	258/05.8	252/05.3	257/03.3	329/01.6	117/01.1	138/01.8	192/01.7	166/01.9	141/02.3	222/03.0	277/06.8	287/00.8
30	251/06.1	255/05.5	230/05.6	255/05.5	253/04.3	223/02.3	242/02.6	216/01.6	319/03.9	341/04.8	044/06.4	240/03.8	278/06.6	177/01.2
31	091/09.5	091/08.1	093/07.8	092/07.0	090/06.2	090/05.9	093/04.7	103/05.2	111/05.8	102/05.3	089/05.6	071/07.1	070/10.8	012/03.3
MEAN	205/06.0	205/06.2	189/06.0	185/06.4	179/06.2	167/05.0	160/04.5	159/04.4	156/04.6	144/04.8	148/04.3	181/04.7		
MX SPD	091/09.5	238/09.6	163/09.0	158/11.2	103/10.8	087/10.3	157/10.2	166/10.8	178/11.1	181/09.6	049/09.4		269/11.6	
MN SPD	080/01.9	020/02.3	064/02.1	043/02.2	076/02.1	266/01.4	191/00.6	174/01.3	238/01.2	072/00.7	247/01.5			285/00.5

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 181/04.7 MAXIMUM WIND SPEED WAS 11.6 mps AT 269 DEGREES ON 5/24 AT 900

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

10M Wind Speed and Direction in mps for JUNE, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13
01	090/06.5	099/06.4	109/06.8	106/05.7	109/06.5	114/06.4	118/06.6	140/07.9	162/08.4	176/08.3	174/07.9	185/07.7	195/07.4
02	155/05.5	089/04.7	097/05.3	100/05.0	132/04.4	125/02.5	158/02.3	175/04.0	165/03.8	161/03.6	161/04.0	171/04.4	180/04.6
03	169/07.2	167/05.7	143/04.8	140/04.3	153/03.6	171/04.0	180/06.0	190/07.0	204/07.3	213/06.3	225/04.7	233/04.4	213/04.6
04	178/04.7	176/04.3	175/03.1	152/02.1	079/03.0	068/02.7	120/02.4	233/02.2	027/03.6	053/03.9	078/03.8	097/04.1	115/03.8
05	075/05.2	091/03.6	038/02.6	013/03.0	018/03.5	028/03.7	003/02.3	358/02.9	330/02.0	162/02.4	214/02.7	185/02.5	160/03.3
06	111/04.1	093/03.9	096/04.2	099/04.9	103/05.5	105/06.3	110/08.1	101/09.3	111/09.1	119/09.9	129/09.3	132/08.7	133/08.5
07	101/04.8	091/04.8	080/05.1	067/06.3	068/06.9	071/07.8	083/07.2	088/06.6	082/07.6	102/07.5	127/06.8	142/05.6	151/04.5
08	093/07.1	107/07.9	104/07.4	101/07.0	107/06.2	106/05.9	112/07.7	115/06.8	128/06.5	119/06.1	123/05.8	134/06.1	140/06.1
09	142/05.0	127/04.2	118/03.6	113/03.5	117/03.8	141/02.6	176/03.3	194/04.8	208/04.8	234/04.5	264/05.5	268/05.7	272/05.0
10	180/05.2	182/03.9	189/02.6	206/02.4	230/01.4	245/01.8	219/03.1	245/03.5	286/06.0	293/07.4	292/07.0	273/06.7	267/07.7
11	347/02.1	215/03.4	217/01.0	234/01.0	153/02.2	196/01.5	275/01.5	218/01.7	315/03.4	329/03.5	341/02.9	338/02.9	048/02.4
12	083/05.9	088/05.5	088/04.7	091/03.9	095/03.8	081/04.0	046/06.2	060/07.2	072/07.9	075/08.8	085/07.7	098/07.4	109/07.1
13	140/05.0	078/08.4	073/08.1	083/07.8	091/07.5	093/07.2	100/07.7	120/08.5	128/09.6	136/09.5	147/08.6	142/09.6	157/07.7
14	104/04.3	103/04.7	105/04.7	124/04.0	137/04.0	170/02.9	185/04.5	202/06.1	207/07.0	221/07.5	223/06.9	219/05.1	210/05.3
15	137/04.9	110/06.6	109/06.5	102/06.7	108/05.7	117/05.9	132/06.0	146/06.5	159/06.3	176/06.0	190/03.9	182/04.6	158/06.0
16	080/06.0	072/06.6	077/06.5	078/06.4	080/05.7	069/05.4	102/05.2	153/06.0	170/05.7	184/05.9	179/04.5	149/04.2	142/04.4
17	030/04.1	042/05.2	046/05.2	019/03.5	034/02.8	087/01.3	166/02.6	164/05.2	188/04.6	201/03.6	210/03.9	212/03.9	208/04.2
18	177/07.5	191/06.6	185/04.8	186/05.1	176/04.9	192/04.0	196/05.8	201/06.3	214/06.1	230/04.5	229/03.4	305/03.7	299/02.7
19	166/07.3	166/07.4	167/06.2	168/05.6	166/04.7	164/04.4	172/06.5	173/05.7	175/05.0	177/04.1	174/03.5	155/03.9	149/04.6
20	163/08.1	163/07.4	162/06.4	159/06.1	156/06.4	157/06.8	162/08.6	170/08.8	169/07.9	165/06.4	160/05.8	162/05.6	162/05.1
21	155/05.2	135/04.1	116/04.6	110/04.2	102/03.6	128/04.4	141/05.2	144/05.2	129/03.4	100/03.7	082/05.5	090/07.4	099/07.5
22	077/03.8	074/04.0	080/03.9	092/03.4	098/03.5	143/02.7	167/05.0	172/06.7	176/05.4	171/05.0	155/05.7	147/05.5	143/05.8
23	163/00.8	142/02.9	151/02.7	164/02.4	160/02.2	159/01.9	184/04.1	191/06.6	184/07.0	174/07.1	163/06.7	153/06.2	160/05.9
24	153/00.8	116/01.1	145/02.2	132/02.3	126/02.3	161/01.4	177/02.7	181/06.5	179/05.6	143/05.1	139/05.9	138/06.1	150/05.2
25	192/01.3	023/01.3	113/01.6	122/01.4	107/01.5	106/01.4	165/00.7	210/02.3	190/02.6	125/03.0	119/04.1	134/03.9	144/04.4
26	176/02.8	127/01.1	132/01.8	104/01.8	096/02.3	091/01.1	159/01.4	211/02.1	204/03.6	179/03.1	180/03.7	185/04.7	181/04.9
27	127/03.2	140/02.6	143/04.0	208/02.8	213/01.7	320/03.0	056/01.3	182/02.3	206/02.6	204/03.3	186/02.8	158/03.9	142/04.4
28	175/02.7	204/02.2	169/02.4	160/02.5	157/02.3	160/02.1	169/05.2	176/06.7	194/05.9	198/05.1	178/04.6	150/04.6	147/04.2
29	178/02.4	166/02.5	164/02.3	163/02.6	165/01.9	207/01.8	179/03.9	183/06.4	184/06.1	185/05.9	186/05.3	160/03.9	166/03.8
30	147/02.1	100/03.0	155/03.3	173/03.8	187/04.9	171/03.9	169/04.3	186/05.0	187/06.0	184/06.2	178/05.6	158/05.1	132/06.0
MEAN	136/04.5	122/04.5	125/04.3	126/04.1	124/04.0	131/03.7	150/04.6	172/05.6	175/05.7	170/05.6	170/05.3	163/05.3	159/05.2
MX SPD	163/08.1	078/08.4	073/08.1	083/07.8	091/07.5	071/07.8	162/08.6	101/09.3	128/09.6	119/09.9	129/09.3	142/09.6	133/08.5
MN SPD	163/00.8	116/01.1	217/01.0	234/01.0	230/01.4	091/01.1	165/00.7	218/01.7	330/02.0	162/02.4	214/02.7	185/02.5	048/02.4

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

10M Wind Speed and Direction in mps for JUNE, 2012 PAGE 2

HR END DAY	14	15	16	17	18	19	20	21	22	23	24	MEAN	MX SPD	MN SPD
01	195/07.3	190/07.8	199/07.0	198/07.0	198/06.3	183/04.8	158/03.8	147/04.1	150/04.4	158/04.7	169/07.0	156/06.5	162/08.4	158/03.8
02	168/05.3	186/05.5	181/05.9	168/06.1	159/05.9	158/05.5	153/05.3	154/05.7	167/08.2	169/08.0	180/07.3	156/05.1	167/08.2	158/02.3
03	184/05.3	191/04.3	190/04.3	209/03.3	186/05.8	168/06.7	170/06.3	169/05.5	168/04.3	171/03.5	164/03.4	182/05.1	204/07.3	209/03.3
04	139/04.8	160/05.2	164/05.3	170/04.4	038/06.9	040/11.5	047/09.0	016/04.2	063/03.8	079/03.6	066/03.8	101/04.4	040/11.5	152/02.1
05	162/03.0	180/02.8	157/03.1	155/04.0	140/04.8	121/04.2	086/04.2	085/06.0	091/05.4	100/04.5	102/04.1	102/03.6	085/06.0	330/02.0
06	143/06.8	153/05.1	188/04.2	196/03.7	183/03.2	099/07.3	088/07.3	082/07.7	091/07.6	099/06.7	104/05.8	117/06.6	119/09.9	183/03.2
07	126/04.6	161/03.9	130/04.7	123/04.4	124/06.5	119/08.9	110/08.8	109/07.7	107/07.2	109/06.1	091/07.0	107/06.3	119/08.9	161/03.9
08	136/05.9	131/05.5	132/05.9	133/06.4	133/07.4	129/07.7	124/06.7	122/05.8	125/05.7	130/05.4	142/05.3	122/06.4	107/07.9	142/05.3
09	267/06.3	254/07.6	253/06.3	261/06.0	266/06.3	269/04.7	243/03.0	230/01.8	195/02.9	173/04.7	185/05.4	212/04.6	254/07.6	230/01.8
10	252/07.8	253/07.9	254/07.7	248/07.5	246/07.0	232/06.5	228/03.5	245/02.7	276/02.7	262/01.6	331/02.1	247/04.8	253/07.9	230/01.4
11	016/02.3	224/02.8	135/02.1	193/02.1	150/03.2	169/03.2	129/02.9	094/06.0	087/05.7	078/06.1	073/05.8	168/03.0	078/06.1	217/01.0
12	116/07.2	115/07.6	117/08.6	127/09.1	142/08.9	065/12.9	097/12.7	111/08.3	127/09.1	133/07.9	141/05.7	098/07.4	065/12.9	095/03.8
13	168/06.7	195/06.6	191/06.9	192/07.7	178/07.8	129/03.4	202/01.8	146/02.6	095/03.0	110/03.3	097/03.5	132/06.6	128/09.6	202/01.8
14	205/05.4	200/07.0	190/06.4	185/06.9	159/11.1	164/09.0	155/04.4	153/04.5	185/04.4	146/05.1	127/04.4	171/05.7	159/11.1	170/02.9
15	153/05.2	144/06.0	148/07.0	154/07.3	167/08.3	168/07.5	163/05.6	049/06.1	065/08.3	087/05.0	088/05.6	135/06.1	167/08.3	190/03.9
16	150/05.1	128/05.4	141/06.2	126/06.4	138/06.3	203/05.7	297/06.7	319/04.7	059/05.6	096/07.1	075/05.1	118/05.7	096/07.1	149/04.2
17	208/04.6	198/04.9	206/04.9	204/05.3	222/05.7	213/04.6	192/04.0	179/05.0	174/05.1	173/05.9	168/06.3	181/04.4	168/06.3	087/01.3
18	268/03.6	299/04.2	319/03.9	301/03.4	289/02.6	168/09.6	168/07.7	160/07.6	164/09.2	165/08.5	163/07.0	211/05.5	168/09.6	289/02.6
19	160/05.8	174/05.7	176/05.7	149/07.2	144/08.7	150/09.8	152/09.2	156/08.5	155/08.1	155/07.8	159/07.2	163/06.4	150/09.8	174/03.5
20	159/05.1	152/06.0	143/06.0	144/06.4	143/07.7	139/08.0	144/06.8	147/05.6	155/05.8	160/04.9	157/05.1	156/06.5	170/08.8	160/04.9
21	106/07.6	112/06.8	120/06.3	113/06.1	127/05.9	134/07.0	113/06.0	131/05.4	102/03.3	087/03.5	083/04.1	115/05.2	106/07.6	102/03.3
22	139/05.4	144/05.9	140/06.6	151/05.9	152/06.1	145/06.1	146/04.1	147/03.5	148/03.8	152/03.4	173/02.2	140/04.7	172/06.7	173/02.2
23	156/05.9	159/05.2	139/05.0	143/05.0	151/05.5	154/04.9	144/03.5	142/03.5	147/03.7	153/03.5	169/02.1	158/04.3	174/07.1	163/00.8
24	150/04.6	128/05.2	133/05.4	126/05.4	139/05.7	134/05.2	132/03.4	125/03.8	138/04.0	139/03.6	142/03.4	143/04.0	181/06.5	153/00.8
25	145/05.3	143/03.9	125/04.8	131/04.6	128/03.8	132/03.8	138/03.0	114/03.0	114/04.0	118/03.4	109/03.5	132/03.0	145/05.3	165/00.7
26	174/05.3	176/05.4	176/05.8	159/05.3	158/05.1	142/04.9	136/03.6	142/02.2	121/02.8	156/03.4	148/02.2	155/03.3	176/05.8	127/01.1
27	161/02.9	112/03.9	109/05.1	147/05.3	147/05.3	147/05.1	132/04.7	133/04.6	139/04.3	139/03.9	158/03.0	153/03.6	147/05.3	056/01.3
28	144/04.4	136/05.1	129/05.0	133/05.1	140/05.3	145/05.6	144/04.3	151/03.8	163/03.5	169/03.0	168/02.6	161/04.1	176/06.7	160/02.1
29	145/04.3	135/04.1	137/03.9	144/03.8	134/04.9	140/05.1	141/04.5	144/04.2	155/03.1	163/03.5	160/03.1	162/03.9	183/06.4	207/01.8
30	141/05.5	129/05.6	125/05.6	119/05.6	117/05.0	116/05.1	108/03.8	103/03.8	102/04.2	115/04.6	120/04.4	142/04.7	184/06.2	147/02.1
MEAN	160/05.3	164/05.4	158/05.5	161/05.6	156/06.1	148/06.5	143/05.4	134/04.9	132/05.1	136/04.9	134/04.6	148/05.1		
MX SPD	252/07.8	253/07.9	117/08.6	127/09.1	159/11.1	065/12.9	097/12.7	156/08.5	164/09.2	165/08.5	180/07.3		065/12.9	
MN SPD	016/02.3	180/02.8	135/02.1	193/02.1	289/02.6	169/03.2	202/01.8	230/01.8	276/02.7	262/01.6	331/02.1			165/00.7

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 148/05.1 MAXIMUM WIND SPEED WAS 12.9 mps AT 65 DEGREES ON 6/12 AT 1900

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

40M Wind Speed and Direction in mps for APRIL, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13
01	264/06.1	267/04.3	211/03.4	190/06.0	193/04.1	184/04.4	194/03.9	220/02.0	214/02.7	274/07.4	268/06.9	227/08.6	225/11.2
02	181/05.8	165/05.7	189/04.9	188/02.6	229/03.2	256/04.5	272/05.8	266/07.4	270/09.7	261/10.2	244/10.7	237/13.9	239/15.6
03	299/05.9	300/07.3	284/06.4	296/05.5	299/04.3	308/05.0	315/04.5	286/07.0	274/09.1	270/10.0	274/10.3	282/10.5	287/10.7
04	026/08.0	007/05.3	002/04.5	345/03.1	256/01.1	331/02.2	328/01.9	214/01.3	218/03.5	217/05.5	217/05.8	234/06.8	259/06.8
05	115/08.3	115/07.6	093/06.8	085/06.9	077/07.7	075/07.5	081/06.1	094/04.8	088/03.1	089/01.8	133/02.0	203/03.1	207/04.2
06	118/08.2	115/07.5	102/07.1	084/07.1	080/07.7	075/07.7	078/07.7	099/07.0	130/06.5	153/05.5	178/05.0	191/03.9	213/04.0
07	189/03.9	189/05.9	189/05.8	190/04.6	198/03.5	194/03.3	199/02.5	229/01.8	247/03.2	333/05.4	006/06.6	024/09.9	029/09.9
08	058/08.4	054/06.9	044/06.2	016/04.7	015/06.0	023/08.2	029/07.3	046/06.8	061/07.8	062/05.6	124/02.4	113/02.2	191/02.7
09	148/05.4	163/04.9	168/03.0	160/03.1	157/02.8	128/03.3	125/03.9	157/04.6	183/05.6	180/04.4	165/04.5	166/05.0	164/05.6
10	144/04.0	114/07.1	118/05.5	099/05.8	104/07.0	104/06.9	109/05.1	122/04.3	143/04.3	160/03.3	156/02.5	150/03.5	151/05.3
11	154/05.5	133/06.0	131/05.3	128/04.8	140/03.2	133/01.4	095/03.5	113/04.0	124/04.4	098/06.4	128/07.9	146/08.8	149/08.6
12	142/06.5	165/04.2	161/04.2	171/06.1	169/07.2	181/06.1	193/06.0	201/08.4	215/06.9	229/06.7	241/07.0	232/06.9	226/08.4
13	186/05.8	178/06.1	189/03.8	200/03.1	218/02.7	227/01.7	216/02.0	209/02.8	193/01.5	248/02.7	283/03.4	214/04.6	225/05.6
14	169/08.8	174/06.9	183/07.0	188/06.4	178/05.7	175/05.1	168/06.5	176/07.6	197/07.5	191/09.3	206/12.2	213/12.2	215/12.5
15	319/09.6	314/07.7	301/08.3	305/03.9	301/05.1	296/06.4	278/05.5	292/10.8	268/09.8	254/10.2	259/10.9	267/12.0	270/09.9
16	330/05.4	336/05.8	357/07.0	360/05.6	009/03.7	031/08.0	019/03.3	062/05.1	080/05.2	089/03.7	135/02.1	262/02.9	193/04.5
17	107/08.6	106/06.3	119/06.8	121/06.7	124/06.7	132/06.4	143/05.9	170/05.9	183/08.0	183/07.4	189/07.2	184/06.8	184/06.4
18	163/07.3	162/07.7	164/07.0	168/06.9	165/07.4	166/07.4	171/08.2	174/08.9	184/08.2	187/07.2	190/06.7	195/07.1	199/06.9
19	177/06.8	190/05.8	192/05.2	202/04.4	221/03.4	229/03.0	241/02.6	220/03.3	258/03.6	275/04.3	297/07.3	291/07.8	275/07.8
20	047/09.2	058/09.3	057/06.6	013/05.8	354/06.9	006/06.2	016/09.2	025/11.0	026/09.9	032/09.9	028/07.6	026/06.3	036/06.8
21	098/07.5	105/07.0	124/05.2	133/05.3	133/05.5	138/05.6	153/05.3	167/07.5	173/07.1	181/06.7	192/06.2	207/05.0	213/04.3
22	159/05.4	160/05.9	131/04.5	129/04.4	135/04.1	154/03.1	113/02.9	147/04.3	159/05.2	139/05.5	133/07.6	134/07.1	131/06.4
23	084/09.9	086/09.9	086/08.4	078/06.6	076/07.6	063/09.9	083/09.9	091/10.5	099/09.5	123/08.4	137/05.7	137/05.4	141/05.8
24	158/06.7	143/05.2	092/05.2	095/04.5	092/05.3	124/05.4	101/04.0	144/03.7	168/02.8	130/02.4	173/03.1	202/04.1	198/04.1
25	176/04.9	199/03.7	207/03.9	207/05.1	210/05.0	221/04.9	229/03.7	236/04.0	288/05.5	315/05.6	302/06.2	289/06.3	284/06.5
26	331/07.3	331/07.4	317/06.9	314/09.0	308/07.3	308/06.5	340/05.4	021/04.2	028/03.1	015/02.1	143/01.7	200/03.2	202/03.7
27	284/07.8	285/11.7	292/09.0	302/08.8	343/06.8	353/04.7	336/03.6	324/04.9	288/05.6	267/08.8	258/10.0	267/09.6	247/07.4
28	290/03.6	318/07.2	329/08.0	358/03.7	351/03.7	022/03.6	053/04.3	026/05.8	027/05.1	050/04.0	065/03.4	066/03.3	138/02.9
29	154/04.8	095/06.0	096/06.5	080/05.5	091/05.4	127/05.3	103/04.0	123/02.7	096/04.0	075/04.1	089/03.9	097/02.8	068/02.9
30	134/06.1	122/06.2	113/06.7	118/06.2	131/05.0	123/04.0	144/03.8	179/06.3	185/05.1	193/04.6	199/03.4	203/03.1	203/04.2
MEAN	149/06.7	139/06.6	137/06.0	131/05.4	146/05.2	134/05.3	124/04.9	163/05.6	181/05.8	184/06.0	189/06.0	205/06.4	206/06.7
MX SPD	084/09.9	285/11.7	292/09.0	314/09.0	077/07.7	063/09.9	083/09.9	025/11.0	026/09.9	261/10.2	206/12.2	237/13.9	239/15.6
MN SPD	290/03.6	199/03.7	168/03.0	188/02.6	256/01.1	133/01.4	328/01.9	214/01.3	193/01.5	089/01.8	143/01.7	113/02.2	191/02.7

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

40M Wind Speed and Direction in mps for APRIL, 2012 PAGE 2

HR END DAY	14	15	16	17	18	19	20	21	22	23	24	MEAN	MX SPD	MN SPD
01	219/13.5	231/13.3	230/12.5	232/10.4	233/09.9	221/06.7	227/07.2	251/09.8	259/06.9	270/06.6	198/04.9	229/07.2	219/13.5	220/02.0
02	248/17.2	255/17.5	257/15.2	272/11.1	283/09.9	290/07.8	292/06.3	296/04.4	307/04.7	309/05.7	301/04.7	257/08.5	255/17.5	188/02.6
03	296/10.4	297/09.1	298/08.7	306/07.6	323/07.4	344/06.8	356/06.2	003/06.3	008/05.7	017/06.3	024/07.5	310/07.4	287/10.7	299/04.3
04	286/07.9	297/07.5	298/06.4	293/05.6	296/04.8	270/04.4	234/03.6	294/02.0	249/01.8	231/01.6	151/04.5	275/04.4	026/08.0	256/01.1
05	261/03.9	214/04.3	207/04.1	208/04.3	170/05.4	146/06.8	145/08.5	114/08.9	108/10.4	111/09.8	113/08.6	128/06.0	108/10.4	089/01.8
06	201/04.6	202/05.9	212/07.1	213/07.7	220/07.0	200/06.2	212/06.1	203/06.9	178/08.5	185/06.9	187/04.2	164/06.5	178/08.5	191/03.9
07	027/09.0	028/09.6	027/10.0	032/12.4	032/12.7	047/13.2	043/11.3	046/10.8	028/08.1	051/10.1	028/05.9	038/07.5	047/13.2	229/01.8
08	135/03.0	181/03.6	171/03.5	138/03.7	127/03.7	128/04.7	144/05.9	149/05.6	147/05.8	143/06.0	150/05.7	105/05.3	058/08.4	113/02.2
09	167/06.4	160/05.8	154/05.9	157/06.6	170/05.7	152/06.9	150/08.2	160/08.8	167/05.4	141/05.1	126/04.2	157/05.2	160/08.8	157/02.8
10	143/05.4	138/05.6	147/05.4	154/05.8	160/06.8	159/07.4	154/06.8	158/06.5	160/05.7	164/04.3	169/05.7	141/05.4	159/07.4	156/02.5
11	156/08.8	139/08.6	147/08.9	149/10.5	141/09.4	148/08.8	174/05.5	123/05.4	136/07.9	130/06.4	123/06.4	135/06.5	149/10.5	133/01.4
12	226/11.1	226/11.8	222/11.1	229/10.4	248/09.5	263/07.9	258/04.7	229/03.4	178/05.6	207/04.7	206/05.9	210/07.1	226/11.8	229/03.4
13	211/06.9	204/08.2	210/08.1	193/08.0	183/07.4	160/07.4	150/09.9	155/11.9	154/10.5	159/10.7	163/12.0	196/06.1	163/12.0	193/01.5
14	216/14.9	215/15.2	217/16.3	225/15.1	213/12.7	244/10.3	288/10.9	296/10.7	291/10.4	307/09.2	321/10.4	214/10.2	217/16.3	175/05.1
15	271/10.6	269/08.6	269/08.8	263/06.7	262/05.8	250/05.4	241/05.5	257/05.5	293/04.9	303/04.7	319/06.4	280/07.6	267/12.0	305/03.9
16	213/04.6	285/03.4	252/04.1	273/04.7	296/05.0	308/02.7	346/01.9	042/03.3	103/07.7	113/07.2	097/07.5	005/04.8	031/08.0	346/01.9
17	168/07.1	172/07.2	173/07.8	169/08.1	164/08.8	154/07.8	147/08.1	141/08.6	147/08.1	156/07.5	163/07.7	155/07.3	164/08.8	143/05.9
18	193/06.5	192/07.7	208/07.5	208/07.1	180/09.1	165/09.3	170/09.2	170/08.4	175/07.8	177/08.3	174/07.3	179/07.7	165/09.3	193/06.5
19	258/07.3	254/10.8	259/10.0	255/08.3	262/05.7	020/07.3	057/08.6	047/09.2	044/08.6	046/10.6	047/09.0	254/06.7	254/10.8	241/02.6
20	027/05.0	017/05.4	016/05.0	010/05.5	012/04.5	027/04.9	053/05.6	076/06.6	083/05.9	094/06.0	097/07.6	036/06.9	025/11.0	012/04.5
21	224/03.6	215/03.8	208/03.5	195/03.7	162/04.0	148/05.6	147/06.8	134/07.2	143/07.8	155/07.1	156/06.4	162/05.7	143/07.8	208/03.5
22	139/05.9	159/05.1	136/05.1	123/05.4	125/05.6	115/06.4	096/09.5	092/11.0	090/10.5	091/12.1	084/10.2	128/06.4	091/12.1	113/02.9
23	156/05.6	149/05.5	145/05.7	153/05.4	160/05.5	157/05.6	151/07.2	143/07.4	143/05.6	137/04.8	145/05.8	123/07.2	091/10.5	137/04.8
24	212/04.3	222/04.0	210/04.8	232/05.3	269/06.0	266/05.4	231/05.0	181/05.1	166/05.6	174/06.7	176/06.2	173/04.8	158/06.7	130/02.4
25	275/06.5	252/05.9	252/05.3	259/05.8	275/06.2	273/04.3	261/04.1	273/06.4	290/06.3	338/06.5	327/07.2	260/05.4	327/07.2	199/03.7
26	189/05.3	177/06.6	170/08.8	171/09.5	181/08.8	186/07.7	176/08.1	182/05.8	199/04.4	225/06.5	272/06.8	232/06.1	171/09.5	143/01.7
27	234/06.2	224/06.8	224/07.4	228/07.5	229/07.9	223/06.5	244/06.7	254/04.2	230/02.9	230/02.2	292/03.3	267/06.7	285/11.7	230/02.2
28	139/02.6	192/02.6	154/02.8	167/04.1	186/05.1	167/04.4	163/05.3	167/09.8	175/10.5	174/08.2	181/05.7	117/05.0	175/10.5	139/02.6
29	089/02.8	162/03.5	136/03.6	145/04.4	138/09.1	144/13.2	152/10.5	169/09.1	166/07.9	169/07.1	159/05.5	122/05.6	144/13.2	123/02.7
30	198/04.6	196/05.6	213/04.8	216/04.9	185/10.8	185/09.4	185/08.3	182/09.3	186/07.4	183/07.0	183/07.4	175/06.0	185/10.8	203/03.1
MEAN	205/07.1	209/07.3	206/07.3	208/07.2	205/07.3	189/07.0	181/07.1	168/07.3	165/07.0	162/06.9	154/06.7	180/06.4		
MX SPD	248/17.2	255/17.5	217/16.3	225/15.1	032/12.7	047/13.2	043/11.3	155/11.9	154/10.5	091/12.1	163/12.0		255/17.5	
MN SPD	139/02.6	192/02.6	154/02.8	138/03.7	127/03.7	308/02.7	346/01.9	294/02.0	249/01.8	231/01.6	292/03.3			256/01.1

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 180/06.4 MAXIMUM WIND SPEED WAS 17.5 mps AT 255 DEGREES ON 4/ 2 AT 1500

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

40M Wind Speed and Direction in mps for MAY, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13
01	179/08.6	184/09.1	189/08.1	184/07.0	180/05.9	183/05.5	197/05.3	210/05.2	226/05.1	240/04.7	254/05.8	230/07.4	242/09.3
02	172/05.9	177/05.4	191/04.9	212/03.8	199/03.5	209/02.0	250/02.3	209/03.3	228/04.4	251/03.8	262/03.5	227/04.9	228/07.0
03	179/04.9	199/03.5	239/04.1	270/03.8	291/04.9	296/05.2	297/05.3	305/04.3	296/06.3	275/06.6	261/06.7	257/06.1	262/06.0
04	185/04.7	177/06.0	185/04.2	216/03.4	214/03.7	232/02.9	263/02.7	267/03.8	274/05.9	273/06.5	261/07.2	233/07.1	237/08.8
05	237/05.4	168/07.4	192/05.0	204/03.8	207/03.6	203/02.6	210/02.6	214/03.9	230/03.5	284/05.9	282/06.9	266/07.9	253/08.5
06	229/05.7	232/05.1	247/05.5	260/04.7	248/03.8	272/04.4	294/05.7	296/07.8	309/07.5	337/06.7	342/05.8	341/04.6	315/03.9
07	050/10.3	047/10.3	046/10.0	038/08.1	028/07.2	032/07.2	035/08.1	029/07.4	027/07.7	032/06.7	050/07.2	041/06.9	049/07.8
08	045/09.9	046/10.2	088/04.7	060/08.7	052/09.2	046/08.1	062/08.5	048/08.4	037/07.3	034/07.5	041/06.3	044/05.4	023/05.3
09	108/02.1	102/01.2	118/01.4	067/02.3	071/03.3	082/03.7	075/03.3	082/03.5	096/03.0	094/03.1	117/03.3	100/03.9	101/03.7
10	173/04.5	154/05.1	159/05.9	108/03.7	064/05.6	072/05.4	106/02.4	060/07.4	067/08.6	074/07.7	109/07.0	127/06.5	139/03.9
11	024/04.5	020/04.1	020/03.6	011/03.6	006/03.7	357/02.3	348/02.8	333/03.1	350/04.1	347/06.3	335/05.0	339/04.9	347/05.8
12	347/04.2	003/04.4	013/04.5	013/04.0	018/04.2	006/03.2	021/03.8	032/04.9	043/05.5	055/05.7	072/04.2	059/03.7	073/04.1
13	142/03.9	145/03.5	147/04.4	137/02.5	107/01.3	106/02.8	133/04.3	120/05.9	125/06.5	136/06.7	122/04.1	086/02.6	070/05.6
14	040/04.4	072/05.2	093/03.8	250/02.5	328/03.5	326/04.4	003/04.2	025/03.5	126/05.7	266/04.6	255/04.8	173/05.4	302/04.0
15	021/05.2	011/03.7	348/04.4	347/05.2	355/04.5	003/04.3	008/02.9	012/02.3	359/01.8	008/02.0	001/02.2	005/02.2	288/02.0
16	217/04.5	227/03.8	268/03.2	288/04.7	298/05.9	298/06.1	303/04.3	282/03.8	261/04.5	231/03.6	182/03.4	213/03.7	209/03.7
17	173/07.0	188/04.0	209/02.4	183/02.7	181/04.4	173/04.8	179/04.5	188/07.7	177/09.0	175/08.2	178/07.8	179/06.7	173/06.0
18	173/08.5	174/07.6	177/07.3	179/06.8	184/05.9	189/04.5	190/05.1	198/06.3	212/06.2	219/06.0	208/05.9	203/07.0	213/07.6
19	172/08.9	175/06.9	182/06.3	182/05.4	190/05.2	198/04.6	197/04.9	209/05.1	235/04.3	297/03.6	274/02.9	214/04.7	242/07.2
20	174/06.2	174/05.7	172/05.3	170/04.9	345/05.2	043/03.8	086/05.3	078/04.8	026/05.9	043/04.9	049/05.2	062/06.4	077/06.8
21	119/05.2	132/06.6	136/06.1	106/05.4	108/06.2	096/04.8	128/06.3	145/07.0	142/06.7	139/05.9	130/06.8	126/07.5	138/08.3
22	151/04.4	123/04.3	082/04.5	057/05.8	075/06.4	090/06.9	138/06.7	165/08.1	184/07.8	178/08.6	184/09.9	177/09.5	185/08.6
23	180/06.8	182/06.3	187/06.6	195/05.7	208/04.8	219/04.0	219/03.0	229/03.2	273/03.9	266/05.0	250/08.2	255/10.5	257/10.2
24	267/10.7	219/05.6	236/05.9	252/07.1	262/08.8	275/10.2	270/11.6	263/13.8	268/14.2	273/12.5	269/10.8	266/11.3	259/11.0
25	192/05.2	175/06.9	180/05.1	220/03.6	213/04.5	216/04.2	234/04.0	277/05.6	279/10.2	270/08.9	223/05.9	206/05.9	206/07.6
26	187/07.9	180/08.1	166/08.4	152/09.4	149/09.2	145/07.8	162/09.2	165/12.2	162/11.9	169/11.6	172/10.7	171/09.8	172/10.0
27	087/06.1	114/04.2	152/04.6	158/05.2	188/05.9	198/06.0	192/07.5	196/08.4	204/06.9	216/06.2	213/05.9	232/07.1	237/08.3
28	172/04.4	173/04.3	185/03.1	231/02.3	253/02.5	283/03.0	283/02.4	276/02.7	314/02.8	310/03.1	309/03.5	280/03.5	252/04.3
29	201/03.4	206/03.2	197/03.6	195/03.4	200/03.4	205/02.6	219/02.8	201/03.2	222/02.8	238/03.8	241/05.1	241/06.2	252/07.5
30	185/05.4	175/05.5	182/04.5	185/04.4	190/04.5	202/04.3	220/04.3	242/03.7	278/03.9	285/04.9	280/05.3	270/06.8	276/07.7
31	058/08.8	051/05.9	022/05.1	018/06.2	021/08.3	038/12.2	052/13.0	056/12.2	053/11.5	068/12.9	073/12.3	075/09.5	086/10.6
MEAN	163/06.1	158/05.6	170/05.0	187/04.8	199/05.1	205/05.0	210/05.1	225/05.9	253/06.3	271/06.3	240/06.1	214/06.3	231/06.8
MX SPD	267/10.7	047/10.3	046/10.0	152/09.4	052/09.2	038/12.2	052/13.0	263/13.8	268/14.2	068/12.9	073/12.3	266/11.3	259/11.0
MN SPD	108/02.1	102/01.2	118/01.4	067/02.3	107/01.3	209/02.0	250/02.3	012/02.3	359/01.8	008/02.0	001/02.2	005/02.2	288/02.0

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

40M Wind Speed and Direction in mps for MAY, 2012 PAGE 2

HR END DAY	14	15	16	17	18	19	20	21	22	23	24	MEAN	MX SPD	MN SPD
01	232/10.8	238/11.4	232/10.5	241/11.2	251/10.6	261/09.1	201/09.0	171/08.9	179/07.9	178/06.7	179/06.1	211/07.9	238/11.4	240/04.7
02	219/08.6	228/08.9	232/10.0	244/10.8	259/11.4	266/09.5	278/07.2	282/07.0	281/09.2	177/08.2	172/06.9	227/06.4	259/11.4	209/02.0
03	236/05.8	241/05.5	245/05.1	242/05.6	267/05.2	256/04.3	242/06.4	265/07.1	268/06.7	192/07.4	193/05.7	254/05.5	192/07.4	199/03.5
04	243/09.1	238/09.8	237/09.0	243/08.4	248/08.8	248/07.6	246/07.9	262/08.8	269/07.4	275/07.0	259/04.6	242/06.5	238/09.8	263/02.7
05	245/07.8	248/07.5	235/08.8	234/10.4	233/07.2	259/09.4	257/08.2	255/08.2	242/06.7	235/05.6	230/06.0	235/06.4	234/10.4	203/02.6
06	279/03.2	290/04.6	286/05.1	230/09.1	227/09.4	236/08.4	239/06.3	277/05.0	010/07.4	049/09.2	052/09.8	283/06.2	052/09.8	279/03.2
07	055/04.9	046/04.4	057/07.0	080/07.8	102/13.2	086/12.7	046/12.3	072/10.0	075/09.6	049/10.1	048/12.1	050/08.7	102/13.2	046/04.4
08	040/06.5	053/06.9	063/06.2	072/07.5	078/06.9	075/05.6	068/05.5	062/05.2	065/05.1	080/05.6	097/04.5	057/06.9	046/10.2	097/04.5
09	126/03.8	123/04.4	129/04.2	118/04.5	118/04.6	115/04.3	137/05.4	151/05.4	198/06.4	166/04.9	142/04.5	113/03.8	198/06.4	102/01.2
10	128/03.2	095/06.2	116/05.0	077/03.6	084/02.4	058/02.6	099/02.5	073/03.3	060/05.2	046/04.8	043/04.0	094/04.9	067/08.6	106/02.4
11	001/05.5	360/07.1	018/06.8	032/08.3	032/05.7	020/07.1	027/08.3	031/07.1	035/09.1	032/06.9	002/03.7	008/05.4	035/09.1	357/02.3
12	072/04.0	070/03.7	082/03.9	085/04.5	087/04.7	081/05.6	083/06.3	079/05.8	069/05.5	097/06.6	123/06.1	056/04.7	097/06.6	006/03.2
13	099/06.6	104/08.1	105/06.9	083/07.6	081/08.3	076/07.9	043/07.7	039/06.8	119/04.6	172/04.9	177/04.8	112/05.3	081/08.3	107/01.3
14	287/03.9	348/06.6	011/06.7	031/07.5	045/06.9	026/03.8	029/03.8	011/03.0	017/03.6	360/05.1	015/04.5	005/04.6	031/07.5	250/02.5
15	054/02.0	005/02.4	058/02.2	035/02.5	036/02.4	078/02.6	116/05.0	124/06.4	142/04.8	175/02.9	218/03.0	023/03.3	124/06.4	359/01.8
16	202/04.1	179/04.6	187/04.0	196/03.6	180/04.3	154/05.5	176/07.0	177/07.6	174/07.8	168/07.6	162/08.1	214/05.0	162/08.1	268/03.2
17	167/06.8	169/07.7	171/07.3	174/07.9	169/08.4	158/08.2	153/08.0	159/08.3	165/09.4	169/09.7	174/09.0	174/06.9	169/09.7	209/02.4
18	219/09.6	220/09.8	227/09.6	214/09.7	191/10.6	167/10.2	170/08.1	177/08.4	174/08.7	173/09.2	173/09.0	193/07.8	191/10.6	189/04.5
19	241/07.9	231/05.3	213/05.5	227/08.1	239/08.3	240/06.5	226/05.3	172/08.5	171/08.2	171/06.6	175/06.1	210/06.1	172/08.9	274/02.9
20	082/07.0	094/06.8	101/06.9	108/06.8	110/06.7	111/06.7	112/07.6	105/07.8	107/08.1	116/07.4	120/05.8	097/06.2	107/08.1	043/03.8
21	148/08.1	145/06.8	139/06.5	145/07.0	150/06.6	144/06.7	134/05.7	139/06.8	147/07.2	138/06.7	143/04.4	134/06.5	138/08.3	143/04.4
22	192/07.7	185/08.0	183/08.2	173/08.0	161/10.2	161/09.6	165/09.1	166/09.0	171/08.2	171/07.4	174/06.1	158/07.6	161/10.2	123/04.3
23	256/10.6	258/11.2	262/10.5	238/09.2	239/08.4	228/07.0	236/06.0	219/06.1	223/07.2	244/10.2	249/09.7	233/07.3	258/11.2	219/03.0
24	254/10.4	251/09.8	228/06.8	228/09.0	229/10.0	228/08.0	223/06.3	232/04.9	169/06.5	160/09.7	173/07.3	242/09.3	268/14.2	232/04.9
25	183/08.9	172/08.1	164/08.3	157/09.3	152/11.2	144/08.8	156/12.9	164/13.4	177/14.0	180/12.2	184/10.2	194/08.1	177/14.0	220/03.6
26	165/10.4	165/10.3	160/10.3	156/13.0	152/12.6	162/09.1	154/12.0	278/08.4	334/05.4	059/08.8	071/08.8	160/09.8	156/13.0	334/05.4
27	235/08.3	219/07.3	215/06.9	212/07.1	186/07.6	169/09.6	178/07.6	182/06.1	176/05.9	172/06.4	174/05.2	190/06.7	169/09.6	114/04.2
28	218/03.7	247/05.5	252/05.9	251/06.4	252/05.3	249/02.6	212/01.7	219/03.1	249/03.6	260/02.3	196/04.1	248/03.6	251/06.4	212/01.7
29	274/08.1	272/08.2	258/06.9	251/06.3	256/04.2	289/02.1	181/01.0	164/03.1	201/06.4	215/05.1	174/05.0	223/04.5	272/08.2	181/01.0
30	251/07.2	253/06.4	232/06.5	253/06.7	253/05.5	234/03.7	246/07.1	238/05.2	307/06.5	328/08.6	047/09.6	243/05.8	047/09.6	242/03.7
31	090/11.1	091/09.7	092/09.1	090/08.3	090/07.6	089/07.4	094/06.6	103/07.2	112/07.5	103/07.3	091/07.5	072/09.1	052/13.0	022/05.1
MEAN	206/07.0	206/07.2	188/07.0	184/07.6	177/07.6	169/06.8	168/06.9	170/06.8	166/07.1	157/07.1	154/06.5	186/06.3		
MX SPD	090/11.1	238/11.4	232/10.5	156/13.0	102/13.2	086/12.7	156/12.9	164/13.4	177/14.0	180/12.2	048/12.1		268/14.2	
MN SPD	054/02.0	005/02.4	058/02.2	035/02.5	084/02.4	289/02.1	181/01.0	011/03.0	017/03.6	260/02.3	218/03.0			181/01.0

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 186/06.3 MAXIMUM WIND SPEED WAS 14.2 mps AT 268 DEGREES ON 5/24 AT 900

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

40M Wind Speed and Direction in mps for JUNE, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13
01	091/08.5	099/08.5	108/08.7	105/07.5	108/07.8	113/07.6	117/07.6	138/09.1	160/09.5	175/09.5	173/08.9	182/08.9	193/08.7
02	155/07.2	093/06.5	098/07.4	102/07.0	133/06.1	130/03.7	158/02.8	172/04.4	165/04.2	158/04.1	160/04.6	170/05.0	178/05.3
03	169/09.3	168/07.5	145/06.4	142/06.2	151/06.3	165/06.5	177/07.6	188/08.2	202/08.6	213/07.3	225/05.3	232/05.0	211/05.2
04	177/07.0	177/06.6	178/05.4	175/04.3	106/03.8	094/04.2	125/03.0	230/02.5	027/04.1	050/04.3	075/04.3	093/04.7	113/04.4
05	073/06.3	092/04.6	044/03.7	020/04.3	019/05.1	028/05.6	003/02.8	358/03.1	327/02.0	169/02.7	214/03.1	188/02.9	156/03.6
06	116/06.3	106/05.9	112/06.5	104/07.6	106/07.8	105/08.4	109/09.6	100/11.1	110/10.6	117/11.4	127/10.5	131/09.8	130/09.5
07	102/06.7	094/07.1	084/07.3	070/08.9	069/09.3	071/09.7	082/08.4	086/07.5	080/08.9	101/08.6	126/07.6	140/06.4	147/05.2
08	093/08.9	105/09.7	102/09.1	101/08.7	106/07.8	104/07.2	111/09.0	113/07.8	127/07.3	118/06.9	121/06.7	132/06.9	138/06.7
09	142/06.8	132/06.0	126/05.7	127/05.6	128/06.0	142/04.0	174/04.0	192/05.5	208/05.5	234/05.1	264/06.3	267/06.6	271/05.7
10	179/07.4	182/05.9	188/04.8	197/04.7	210/03.9	216/04.2	219/04.1	247/04.0	283/07.0	293/08.7	292/08.2	272/07.9	266/09.1
11	279/03.1	218/06.2	210/04.6	232/03.7	175/04.0	196/04.2	244/02.5	226/01.9	313/04.0	325/04.0	340/03.3	338/03.3	045/02.6
12	085/08.0	090/07.5	094/06.9	099/06.2	107/06.3	091/05.6	048/07.6	058/08.7	070/09.3	074/10.3	084/08.9	096/08.6	106/08.2
13	140/07.2	079/11.1	072/10.4	083/10.0	091/09.5	093/09.1	099/09.2	118/09.9	126/11.3	134/11.0	145/09.8	140/10.9	155/08.9
14	120/06.8	119/07.2	121/07.5	135/06.5	144/06.4	165/05.7	183/05.9	200/07.2	206/08.3	221/09.1	223/08.0	218/06.0	210/06.2
15	143/07.4	114/08.8	110/08.7	103/08.6	109/07.4	115/07.4	130/06.9	145/07.4	157/07.1	174/06.8	190/04.4	179/05.2	157/06.8
16	081/07.9	072/08.8	079/08.9	079/08.5	083/07.7	070/07.1	102/06.1	151/06.7	169/06.5	182/06.6	176/05.1	149/04.8	140/05.0
17	031/05.7	041/07.3	047/07.7	021/05.1	034/04.4	081/02.5	146/03.0	161/06.0	187/05.2	200/04.2	209/04.5	210/04.4	209/04.7
18	176/09.8	189/08.8	184/06.9	185/07.1	175/07.1	190/05.8	194/06.9	199/07.3	215/07.1	230/05.2	235/03.9	308/04.2	280/02.9
19	163/09.3	165/09.5	165/08.1	167/07.6	166/06.9	165/06.0	171/07.6	171/06.5	173/05.6	174/04.6	172/03.9	154/04.4	148/05.1
20	160/10.4	161/09.5	159/08.4	157/08.2	154/08.5	155/08.5	161/10.2	168/10.3	167/09.2	163/07.3	159/06.5	160/06.4	161/05.9
21	155/07.4	139/06.0	122/06.7	115/06.4	108/05.9	130/05.8	139/05.9	141/05.7	127/03.9	096/04.2	082/06.2	089/08.6	099/08.9
22	085/05.5	083/05.9	088/05.8	105/05.5	117/05.6	147/04.1	165/05.9	171/07.7	174/06.1	168/05.7	153/06.4	146/06.3	140/06.3
23	191/02.9	162/04.7	170/04.6	177/05.6	180/05.0	175/04.6	184/05.0	188/07.7	183/08.0	172/08.0	161/07.6	153/07.2	159/06.7
24	194/02.7	181/02.4	173/04.0	155/04.3	153/04.6	169/03.7	177/03.8	179/07.6	176/06.4	140/05.8	138/06.7	137/06.9	148/05.9
25	185/04.0	170/02.7	150/03.4	161/02.9	155/02.2	151/02.0	174/01.2	207/02.6	191/02.9	125/03.4	117/04.5	133/04.5	140/05.0
26	167/04.8	170/02.1	158/03.4	151/03.3	154/02.4	187/02.0	185/02.0	209/02.4	200/04.1	180/03.5	176/04.1	183/05.2	179/05.7
27	138/05.9	149/04.7	155/07.1	186/04.9	192/03.9	277/02.5	231/01.7	180/02.6	205/02.9	204/03.7	183/03.2	150/04.3	141/04.9
28	179/05.9	188/04.9	179/05.5	172/06.4	173/06.0	168/05.0	167/06.6	174/07.8	192/06.7	195/05.9	178/05.3	149/05.2	147/04.6
29	188/05.5	181/05.6	181/05.0	172/05.8	176/04.9	197/04.3	177/04.9	182/07.3	183/07.0	185/06.7	183/06.1	159/04.3	165/04.5
30	167/04.8	118/04.1	157/05.6	172/05.8	185/06.7	170/05.2	168/05.0	184/05.6	185/06.8	182/07.1	175/06.2	156/05.7	130/06.8
MEAN	144/06.6	135/06.5	133/06.5	135/06.2	135/06.0	141/05.4	156/05.6	171/06.4	174/06.5	169/06.4	168/06.0	161/06.0	158/06.0
MX SPD	160/10.4	079/11.1	072/10.4	083/10.0	091/09.5	071/09.7	161/10.2	100/11.1	126/11.3	117/11.4	127/10.5	140/10.9	130/09.5
MN SPD	194/02.7	170/02.1	150/03.4	161/02.9	155/02.2	151/02.0	174/01.2	226/01.9	327/02.0	169/02.7	214/03.1	188/02.9	045/02.6

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

40M Wind Speed and Direction in mps for JUNE, 2012 PAGE 2

HR END DAY	14	15	16	17	18	19	20	21	22	23	24	MEAN	MX SPD	MN SPD
01	194/08.5	189/09.0	198/08.2	197/08.4	196/07.9	184/06.9	166/07.1	157/07.8	155/08.1	158/07.4	167/09.3	156/08.3	160/09.5	184/06.9
02	167/05.9	183/06.3	179/06.9	166/07.1	158/07.3	157/07.7	153/07.6	154/08.0	165/10.4	168/10.2	178/09.4	155/06.5	165/10.4	158/02.8
03	183/06.1	191/05.0	189/05.0	211/03.9	184/07.0	165/08.5	168/08.6	168/07.9	166/06.8	173/06.2	166/05.8	181/06.7	169/09.3	211/03.9
04	138/05.4	157/05.9	164/06.1	169/05.3	040/08.5	038/14.6	045/11.8	018/05.8	058/04.9	076/04.5	068/04.7	105/05.7	038/14.6	230/02.5
05	158/03.4	182/03.0	160/03.4	154/04.5	137/05.3	120/04.8	087/05.9	085/08.1	093/07.4	103/06.4	104/06.1	103/04.5	085/08.1	327/02.0
06	141/07.7	150/05.8	185/04.8	197/04.4	180/03.7	098/09.1	088/09.4	083/09.8	090/09.9	099/08.8	104/07.7	119/08.2	117/11.4	180/03.7
07	124/05.2	158/04.5	129/05.3	124/05.0	122/07.7	119/10.5	109/10.8	109/09.6	106/09.0	108/07.8	090/08.6	106/07.7	109/10.8	158/04.5
08	133/06.6	130/06.2	130/06.7	132/07.1	131/08.5	127/09.0	123/08.3	122/07.3	124/07.5	130/07.0	142/07.0	121/07.7	105/09.7	130/06.2
09	267/07.6	253/09.2	252/07.4	259/07.0	265/07.8	268/07.0	248/07.1	239/06.1	221/06.3	173/07.7	183/07.7	214/06.4	253/09.2	142/04.0
10	252/09.3	252/09.3	253/09.1	247/09.1	244/08.6	232/09.1	230/07.0	244/07.6	265/06.5	268/05.4	285/04.5	243/06.9	252/09.3	210/03.9
11	011/02.7	205/03.2	134/02.3	193/02.5	147/03.7	170/04.6	148/04.8	095/08.2	089/08.1	079/08.6	077/07.9	186/04.3	079/08.6	226/01.9
12	113/08.2	114/08.9	117/10.1	124/10.5	140/10.9	063/16.2	096/16.4	110/10.7	126/11.5	131/10.1	139/07.7	099/09.3	096/16.4	091/05.6
13	166/07.9	194/07.9	189/08.5	189/10.2	174/10.1	131/04.5	201/02.2	155/03.8	119/04.4	130/05.4	123/05.4	135/08.3	126/11.3	201/02.2
14	205/06.3	200/08.3	189/07.5	183/08.0	158/13.3	162/11.2	154/06.7	153/07.3	184/07.3	149/06.8	131/06.6	172/07.5	158/13.3	165/05.7
15	151/05.9	142/06.9	147/08.0	153/08.7	165/10.3	166/09.3	164/07.6	049/07.7	063/10.3	087/07.0	089/07.6	135/07.6	165/10.3	190/04.4
16	150/05.7	127/06.2	140/07.1	125/07.3	137/07.3	200/07.2	296/08.9	318/06.6	056/06.9	096/08.9	076/06.4	118/07.0	079/08.9	149/04.8
17	207/05.3	199/05.7	204/05.7	204/06.1	221/06.9	213/06.1	193/06.5	178/07.4	174/07.7	173/08.5	167/08.6	179/05.8	167/08.6	081/02.5
18	274/04.2	300/05.0	320/04.6	301/04.0	276/03.2	167/11.9	166/10.1	158/10.1	162/11.6	163/10.9	161/09.1	210/07.0	167/11.9	280/02.9
19	158/06.5	172/06.7	175/06.5	148/08.2	143/10.4	148/11.8	150/11.4	154/10.8	153/10.3	155/10.0	157/09.4	161/07.8	148/11.8	172/03.9
20	155/05.7	151/06.8	143/06.8	143/07.4	141/08.9	136/09.5	142/08.7	147/07.8	153/08.0	159/07.4	157/07.5	155/08.1	160/10.4	155/05.7
21	105/08.8	111/07.8	119/07.1	113/07.0	126/06.9	132/08.1	112/07.5	131/07.0	111/04.9	097/05.7	090/06.1	116/06.6	099/08.9	127/03.9
22	137/06.0	143/06.6	138/07.4	148/06.7	150/07.1	143/07.4	148/06.1	156/06.1	160/07.1	166/07.1	186/05.4	143/06.2	171/07.7	147/04.1
23	153/06.7	158/05.9	137/05.6	140/05.7	150/06.4	152/06.1	150/05.5	155/05.6	162/06.6	168/07.4	184/05.1	165/06.0	183/08.0	191/02.9
24	147/05.3	128/05.9	131/06.0	125/06.1	136/06.5	132/06.1	136/05.2	134/06.4	144/06.9	153/06.2	163/06.0	152/05.5	179/07.6	181/02.4
25	141/05.9	138/04.4	122/05.4	128/05.3	124/04.3	129/04.5	140/05.0	138/05.2	126/06.9	135/06.3	134/06.2	146/04.2	126/06.9	174/01.2
26	174/06.0	170/06.2	175/06.6	158/06.0	155/05.9	143/06.1	143/06.0	154/04.7	148/05.6	164/06.0	160/04.8	168/04.5	175/06.6	187/02.0
27	149/03.4	113/04.4	106/05.8	144/06.2	144/06.5	146/06.9	133/07.0	134/07.1	144/07.3	152/07.1	166/06.8	160/05.0	144/07.3	231/01.7
28	142/04.8	134/05.7	127/05.6	133/05.7	138/06.0	143/06.9	145/06.7	155/06.7	164/06.6	173/06.0	180/05.5	162/05.9	174/07.8	147/04.6
29	142/04.9	133/04.6	133/04.4	141/04.3	131/05.6	137/06.2	140/06.6	147/07.1	160/06.4	166/06.9	169/06.4	164/05.6	182/07.3	197/04.3
30	139/06.2	126/06.3	121/06.3	118/06.4	113/05.8	115/06.1	112/06.1	111/06.9	111/07.3	121/07.2	123/06.7	144/06.1	111/07.3	118/04.1
MEAN	158/06.1	162/06.3	156/06.3	160/06.5	154/07.3	147/08.1	145/07.6	139/07.4	137/07.6	141/07.4	142/06.9	150/06.6		
MX SPD	252/09.3	252/09.3	117/10.1	124/10.5	158/13.3	063/16.2	096/16.4	154/10.8	162/11.6	163/10.9	178/09.4		096/16.4	
MN SPD	011/02.7	182/03.0	134/02.3	193/02.5	276/03.2	131/04.5	201/02.2	155/03.8	119/04.4	076/04.5	285/04.5			174/01.2

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 150/06.6 MAXIMUM WIND SPEED WAS 16.4 mps AT 96 DEGREES ON 6/12 AT 2000

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

Appendix B.2
Joint Frequency of Occurrence Distributions of Wind Speeds and Directions

National Enrichment Facility

10M Joint Frequency Distribution April, 2012

PERCENTAGE FREQUENCY OF OCCURRENCE OF HOURLY WIND VELOCITIES FOR ALL STABILITIES

WIND SPEED (mps)

WIND DIRECTION	0.5-3	3.1-6	6.1-10	10.1-16	16.1-21	OVER 21	TOTAL	AVG SPEED
N	.7	1.4	.0	.0	.0	.0	2.1	3.3
NNE	.4	2.5	1.8	.0	.0	.0	4.7	5.7
NE	.1	1.4	.8	.1	.0	.0	2.5	5.7
ENE	.7	2.9	.6	.0	.0	.0	4.2	4.5
E	1.8	3.3	1.7	.0	.0	.0	6.8	4.5
ESE	1.5	3.5	.6	.0	.0	.0	5.6	4.0
SE	1.8	6.8	1.1	.1	.0	.0	9.9	4.3
SSE	2.9	6.1	2.4	.0	.0	.0	11.4	4.6
S	2.5	6.2	3.8	.0	.0	.0	12.5	4.8
SSW	3.3	3.9	1.8	.1	.0	.0	9.2	4.0
SW	1.1	2.9	2.2	1.2	.0	.0	7.5	6.1
WSW	1.9	1.0	1.2	.7	.0	.0	4.9	5.4
W	1.1	2.2	2.6	.1	.0	.0	6.1	5.8
WNW	1.0	2.2	2.1	.0	.0	.0	5.3	5.6
NW	1.0	1.5	.6	.0	.0	.0	3.1	4.0
NNW	1.7	2.8	.0	.0	.0	.0	4.4	3.4
CALM							.0	
TOTAL	23.6	50.7	23.2	2.5	.0	.0	100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 720
POSSIBLE NUMBER OF OBSERVATIONS 720
DATA RECOVERY 100.0%

National Enrichment Facility

10M Joint Frequency Distribution May, 2012

PERCENTAGE FREQUENCY OF OCCURRENCE OF HOURLY WIND VELOCITIES FOR ALL STABILITIES

WIND SPEED (mps)

WIND DIRECTION	0.5-3	3.1-6	6.1-10	10.1-16	16.1-21	OVER 21	TOTAL	AVG SPEED
N	1.5	1.3	.0	.0	.0	.0	2.8	3.2
NNE	1.5	2.7	.7	.0	.0	.0	4.8	4.2
NE	.9	2.3	3.0	.1	.0	.0	6.3	5.8
ENE	1.3	3.0	1.6	.4	.0	.0	6.3	4.8
E	1.3	3.2	1.5	.1	.0	.0	6.2	4.7
ESE	.9	3.0	.7	.1	.0	.0	4.7	4.5
SE	1.3	3.0	.8	.0	.0	.0	5.1	4.3
SSE	2.4	2.7	3.0	.8	.0	.0	8.9	5.4
S	2.6	6.2	5.1	.1	.0	.0	14.0	5.1
SSW	3.0	3.1	1.2	.0	.0	.0	7.3	3.7
SW	2.8	3.1	3.0	.0	.0	.0	8.9	4.7
WSW	1.2	3.6	3.9	.0	.0	.0	8.7	5.5
W	1.5	2.8	2.8	.4	.0	.0	7.5	5.6
WNW	1.1	2.0	.3	.0	.0	.0	3.4	3.4
NW	.8	.5	.1	.0	.0	.0	1.5	3.3
NNW	1.5	2.2	.0	.0	.0	.0	3.6	3.5
CALM							.0	
TOTAL	25.7	44.6	27.6	2.2	.0	.0	100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 744
POSSIBLE NUMBER OF OBSERVATIONS 744
DATA RECOVERY 100.0%

National Enrichment Facility

10M Joint Frequency Distribution June, 2012

PERCENTAGE FREQUENCY OF OCCURRENCE OF HOURLY WIND VELOCITIES FOR ALL STABILITIES

WIND SPEED (mps)

WIND DIRECTION	0.5-3	3.1-6	6.1-10	10.1-16	16.1-21	OVER 21	TOTAL	AVG SPEED
N	.3	.0	.0	.0	.0	.0	.3	2.6
NNE	.4	.8	.0	.0	.0	.0	1.2	3.2
NE	.4	.4	.6	.1	.0	.0	1.5	5.6
ENE	.3	1.4	1.8	.1	.0	.0	3.6	6.1
E	.4	5.1	3.5	.1	.0	.0	9.2	5.5
ESE	1.2	5.6	4.6	.0	.0	.0	11.4	5.4
SE	2.1	12.2	5.1	.0	.0	.0	19.4	5.2
SSE	3.8	12.1	6.1	.1	.0	.0	22.1	5.0
S	1.9	9.6	3.8	.0	.0	.0	15.3	5.0
SSW	1.9	3.3	1.9	.0	.0	.0	7.2	4.5
SW	1.0	1.4	.4	.0	.0	.0	2.8	3.8
WSW	.3	.3	1.0	.0	.0	.0	1.5	5.7
W	.4	.7	.7	.0	.0	.0	1.8	4.9
WNW	.3	.4	.4	.0	.0	.0	1.1	5.0
NW	.1	.6	.0	.0	.0	.0	.7	3.7
NNW	.7	.1	.0	.0	.0	.0	.8	2.6
CALM							.0	
TOTAL	15.6	54.0	29.9	.6	.0	.0	100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 720
POSSIBLE NUMBER OF OBSERVATIONS 720
DATA RECOVERY 100.0%

National Enrichment Facility

10M Unit-Vector Wind Direction and Scalar Speed — April - June 2012

PERCENTAGE FREQUENCY OF OCCURRENCE OF HOURLY WIND VELOCITIES FOR ALL STABILITIES

	WIND SPEED (mps)							
WIND DIRECTION	0.5-3	3.1-6	6.1-10	10.1-16	16.1-21	OVER 21	TOTAL	AVG SPEED
N	.8	.9	.0	.0	.0	.0	1.7	3.2
NNE	.8	2.0	.8	.0	.0	.0	3.6	4.7
NE	.5	1.4	1.5	.1	.0	.0	3.5	5.7
ENE	.8	2.4	1.3	.2	.0	.0	4.7	5.1
E	1.2	3.9	2.2	.1	.0	.0	7.4	5.0
ESE	1.2	4.0	1.9	.0	.0	.0	7.2	4.8
SE	1.7	7.3	2.3	.0	.0	.0	11.4	4.8
SSE	3.0	6.9	3.8	.3	.0	.0	14.1	5.0
S	2.3	7.3	4.2	.0	.0	.0	13.9	5.0
SSW	2.7	3.4	1.6	.0	.0	.0	7.9	4.0
SW	1.6	2.5	1.9	.4	.0	.0	6.4	5.1
WSW	1.1	1.6	2.1	.2	.0	.0	5.1	5.5
W	1.0	1.9	2.1	.2	.0	.0	5.2	5.6
WNW	.8	1.6	.9	.0	.0	.0	3.3	4.8
NW	.6	.9	.2	.0	.0	.0	1.7	3.8
NNW	1.3	1.7	.0	.0	.0	.0	3.0	3.4
CALM							.0	
TOTAL	21.7	49.7	26.9	1.7	.0	.0	100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2184
POSSIBLE NUMBER OF OBSERVATIONS 2184
DATA RECOVERY 100.0%

National Enrichment Facility

40M Joint Frequency Distribution April, 2012

PERCENTAGE FREQUENCY OF OCCURRENCE OF HOURLY WIND VELOCITIES FOR ALL STABILITIES

WIND SPEED (mps)

WIND DIRECTION	0.5-3	3.1-6	6.1-10	10.1-16	16.1-21	OVER 21	TOTAL	AVG SPEED
N	.0	1.2	.8	.0	.0	.0	2.1	5.4
NNE	.1	1.9	2.5	.6	.0	.0	5.1	7.1
NE	.0	.6	1.1	.7	.0	.0	2.4	8.0
ENE	.1	.7	1.8	.0	.0	.0	2.6	6.7
E	.4	2.1	2.6	.7	.0	.0	5.8	6.6
ESE	.4	1.2	3.5	.1	.0	.0	5.3	6.5
SE	1.2	6.1	2.8	.1	.0	.0	10.3	5.4
SSE	.6	6.7	5.7	.8	.0	.0	13.8	6.4
S	.3	4.6	7.1	.3	.0	.0	12.2	6.6
SSW	.6	6.0	2.5	.4	.0	.0	9.4	5.3
SW	1.4	2.9	2.4	1.8	.1	.0	8.6	6.7
WSW	.6	1.5	1.2	1.1	.3	.0	4.7	7.9
W	.1	1.8	3.2	.8	.0	.0	6.0	7.2
WNW	.1	2.4	3.1	1.1	.0	.0	6.7	6.9
NW	.1	1.0	1.5	.1	.0	.0	2.8	6.6
NNW	.4	.8	1.0	.0	.0	.0	2.2	5.3
CALM							.0	
TOTAL	6.5	41.5	42.8	8.8	.4	.0	100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 720
POSSIBLE NUMBER OF OBSERVATIONS 720
DATA RECOVERY 100.0%

National Enrichment Facility

40M Joint Frequency Distribution May, 2012

PERCENTAGE FREQUENCY OF OCCURRENCE OF HOURLY WIND VELOCITIES FOR ALL STABILITIES

WIND SPEED (mps)

WIND DIRECTION	0.5-3	3.1-6	6.1-10	10.1-16	16.1-21	OVER 21	TOTAL	AVG SPEED
N	1.1	1.6	.3	.0	.0	.0	3.0	3.8
NNE	.1	2.4	2.2	.0	.0	.0	4.7	5.7
NE	.4	1.6	2.7	1.5	.0	.0	6.2	7.6
ENE	.5	2.8	2.4	.4	.0	.0	6.2	6.2
E	.4	2.4	2.4	.4	.0	.0	5.6	6.0
ESE	.8	2.2	2.2	.1	.0	.0	5.2	5.5
SE	.1	1.9	2.8	.0	.0	.0	4.8	5.9
SSE	.0	1.3	3.1	1.7	.0	.0	6.2	8.5
S	.4	5.8	9.3	.8	.0	.0	16.3	6.8
SSW	.8	4.4	2.2	.1	.0	.0	7.5	5.1
SW	.7	4.4	4.0	.5	.0	.0	9.7	6.1
WSW	.5	3.1	5.2	1.5	.0	.0	10.3	7.0
W	.5	2.6	3.0	1.5	.0	.0	7.5	7.0
WNW	.5	2.0	.8	.0	.0	.0	3.4	5.0
NW	.1	.7	.3	.0	.0	.0	1.1	4.5
NNW	.1	1.6	.5	.0	.0	.0	2.3	5.2
CALM							.0	
TOTAL	7.3	40.9	43.3	8.6	.0	.0	100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 744
POSSIBLE NUMBER OF OBSERVATIONS 744
DATA RECOVERY 100.0%

National Enrichment Facility

40M Joint Frequency Distribution June, 2012

PERCENTAGE FREQUENCY OF OCCURRENCE OF HOURLY WIND VELOCITIES FOR ALL STABILITIES

WIND SPEED (mps)

WIND DIRECTION	0.5-3	3.1-6	6.1-10	10.1-16	16.1-21	OVER 21	TOTAL	AVG SPEED
N	.1	.1	.0	.0	.0	.0	.3	2.9
NNE	.1	1.1	.0	.0	.0	.0	1.2	4.7
NE	.1	.3	.8	.3	.0	.0	1.5	7.5
ENE	.0	.6	1.4	.4	.1	.0	2.5	8.2
E	.1	1.4	5.8	.4	.1	.0	7.9	7.8
ESE	.0	2.4	8.3	.8	.0	.0	11.5	7.3
SE	.3	6.2	10.7	1.2	.0	.0	18.5	6.6
SSE	.7	7.8	12.2	2.4	.0	.0	23.1	6.8
S	1.5	8.1	8.1	.3	.0	.0	17.9	5.9
SSW	.8	3.1	2.8	.0	.0	.0	6.7	5.5
SW	.4	1.4	1.1	.0	.0	.0	2.9	5.3
WSW	.1	.1	1.4	.0	.0	.0	1.7	7.4
W	.3	.7	1.2	.0	.0	.0	2.2	5.8
WNW	.0	.4	.6	.0	.0	.0	1.0	6.6
NW	.0	.6	.1	.0	.0	.0	.7	4.7
NNW	.1	.3	.0	.0	.0	.0	.4	2.9
CALM							.0	
TOTAL	4.9	34.4	54.6	5.8	.3	.0	100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 720
POSSIBLE NUMBER OF OBSERVATIONS 720
DATA RECOVERY 100.0%

National Enrichment Facility

40M Unit-Vector Wind Direction and Scalar Speed — April - June 2012

PERCENTAGE FREQUENCY OF OCCURRENCE OF HOURLY WIND VELOCITIES FOR ALL STABILITIES

	WIND SPEED (mps)							
WIND DIRECTION	0.5-3	3.1-6	6.1-10	10.1-16	16.1-21	OVER 21	TOTAL	AVG SPEED
N	.4	1.0	.4	.0	.0	.0	1.8	4.4
NNE	.1	1.8	1.6	.2	.0	.0	3.7	6.2
NE	.2	.8	1.6	.8	.0	.0	3.4	7.7
ENE	.2	1.4	1.9	.3	.0	.0	3.8	6.7
E	.3	2.0	3.6	.5	.0	.0	6.5	6.9
ESE	.4	1.9	4.6	.4	.0	.0	7.3	6.7
SE	.5	4.7	5.4	.5	.0	.0	11.1	6.1
SSE	.4	5.2	7.0	1.6	.0	.0	14.2	6.9
S	.7	6.1	8.2	.5	.0	.0	15.5	6.4
SSW	.7	4.5	2.5	.2	.0	.0	7.9	5.3
SW	.8	2.9	2.5	.8	.0	.0	7.1	6.2
WSW	.4	1.6	2.7	.9	.1	.0	5.6	7.3
W	.3	1.7	2.5	.8	.0	.0	5.3	6.9
WNW	.2	1.6	1.5	.4	.0	.0	3.7	6.3
NW	.1	.7	.6	.0	.0	.0	1.5	5.8
NNW	.2	.9	.5	.0	.0	.0	1.6	5.0
CALM							.0	
TOTAL	6.2	39.0	46.8	7.7	.2	.0	100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2184
POSSIBLE NUMBER OF OBSERVATIONS 2184
DATA RECOVERY 100.0%

Appendix B.3
Wind Gust

National Enrichment Facility

10M WIND GUST in mps for APRIL, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	6.6	7.5	5.3	4.3	3.1	3.1	2.5	3.3	4.3	12.3	11.3	14.9	17.1	18.4	17.3	17.8	12.7	12.6	7.7	4.9	7.7	4.3	3.8	7.3	8.8	18.4	2.5
02	6.1	5.0	5.3	2.4	2.5	2.5	6.7	10.0	11.9	15.0	16.3	18.2	22.7	22.8	22.5	20.1	16.5	12.0	9.0	6.7	4.4	5.7	4.3	3.5	10.5	22.8	2.4
03	4.5	5.4	5.7	4.1	6.4	6.1	5.4	11.9	12.2	13.1	14.2	15.8	16.3	14.6	13.3	12.6	11.4	9.9	7.7	5.9	5.2	6.3	8.6	8.4	9.4	16.3	4.1
04	8.9	5.8	4.6	3.2	1.6	3.7	3.4	3.1	6.2	10.2	8.8	10.8	11.8	12.2	12.5	11.4	8.8	8.0	4.5	2.2	2.6	2.7	1.4	6.5	6.5	12.5	1.4
05	7.0	6.9	5.5	5.8	7.0	6.6	6.4	6.4	4.9	5.2	4.2	6.5	10.9	8.9	9.8	12.7	6.8	7.8	5.7	6.9	9.2	12.4	11.4	10.2	7.7	12.7	4.2
06	9.3	7.6	6.8	7.3	7.7	7.7	8.6	10.8	8.6	8.0	8.7	8.1	7.9	8.3	15.2	10.9	10.9	10.3	5.1	4.6	8.8	8.9	8.3	6.0	8.5	15.2	4.6
07	3.0	4.4	7.0	2.8	1.6	2.1	1.3	3.9	6.5	9.4	12.0	13.9	13.4	12.5	12.6	13.1	15.6	15.8	16.4	14.1	13.0	12.0	12.3	8.9	9.5	16.4	1.3
08	9.3	8.9	5.6	5.7	6.8	8.0	8.2	8.8	9.7	7.8	5.3	5.8	6.9	7.6	7.2	6.2	6.4	6.1	5.8	5.4	4.7	5.0	6.0	5.5	6.8	9.7	4.7
09	4.5	3.9	2.2	2.4	2.3	3.4	4.1	8.6	8.5	7.3	9.0	7.3	9.3	10.7	9.5	9.2	8.3	7.8	12.1	11.3	10.0	6.5	5.5	8.8	7.2	12.1	2.2
10	6.8	6.9	5.3	4.8	6.5	6.7	5.4	6.0	6.4	6.6	7.4	6.9	9.0	10.3	9.5	8.4	9.6	8.5	8.5	6.9	7.5	5.7	7.1	7.3	7.3	10.3	4.8
11	5.3	6.2	5.7	4.8	3.8	2.7	5.4	6.1	7.8	8.6	11.6	11.9	12.7	11.7	11.9	11.8	13.5	12.2	10.6	8.7	7.1	10.8	9.9	7.6	8.7	13.5	2.7
12	8.7	5.3	4.1	6.1	7.5	6.0	8.6	11.3	8.5	10.6	10.9	11.1	12.8	15.3	16.6	14.6	14.7	12.2	11.0	6.1	7.4	7.2	3.8	5.0	9.4	16.6	3.8
13	4.5	4.6	2.4	2.4	2.5	3.0	3.2	4.8	4.4	6.2	7.5	8.1	11.0	10.7	14.0	11.4	11.9	10.4	6.2	13.5	14.3	14.6	15.2	15.7	8.4	15.7	2.4
14	11.9	9.7	8.9	7.2	5.0	3.8	8.8	9.2	10.7	14.3	15.9	16.6	17.8	20.0	21.1	21.5	20.1	16.4	13.2	15.5	17.2	15.7	13.3	12.2	13.6	21.5	3.8
15	11.3	8.6	8.5	5.8	6.4	5.4	11.3	13.7	12.5	14.2	17.8	17.0	15.2	16.0	16.0	13.9	13.7	8.5	5.8	3.3	6.9	4.0	4.6	4.9	10.2	17.8	3.3
16	4.8	6.2	6.9	7.0	5.1	8.7	4.9	6.8	7.1	6.4	4.9	7.4	8.7	8.4	7.3	9.0	9.9	8.8	3.8	3.0	4.3	7.7	8.4	8.6	6.8	9.9	3.0
17	9.9	7.3	7.2	7.0	6.7	6.6	7.6	9.0	10.3	11.0	9.5	11.1	12.5	13.4	10.3	11.1	11.4	11.6	9.0	7.1	7.9	9.1	6.1	5.9	9.1	13.4	5.9
18	5.7	5.6	4.0	3.9	5.2	7.4	11.5	10.8	10.8	10.3	10.2	11.2	11.5	12.2	12.5	13.8	11.5	12.7	11.3	10.1	9.7	8.5	9.3	7.8	9.5	13.8	3.9
19	6.9	6.5	4.4	3.4	2.0	3.4	3.9	4.6	5.9	10.4	11.7	12.3	11.5	11.1	16.8	13.3	11.0	8.3	9.8	8.7	7.9	8.0	12.0	11.1	8.5	16.8	2.0
20	10.0	13.4	9.6	7.7	7.9	10.1	14.0	15.3	13.7	13.9	13.3	11.6	11.9	10.5	10.6	9.5	10.1	8.6	6.4	4.2	6.6	5.3	5.3	6.3	9.8	15.3	4.2
21	7.3	6.4	6.0	4.8	4.7	5.9	8.1	9.5	9.2	9.3	10.0	8.8	8.6	8.2	8.0	7.1	7.4	5.8	5.5	5.8	6.0	6.9	4.9	5.2	7.1	10.0	4.7
22	4.6	4.0	4.2	4.6	3.8	3.2	3.7	6.9	7.1	9.0	12.4	11.0	10.9	10.4	10.8	8.9	9.2	6.9	6.2	12.7	13.3	13.3	14.6	12.2	8.5	14.6	3.2
23	12.2	11.7	10.9	8.2	9.8	11.7	12.5	13.3	12.3	13.5	8.8	9.3	10.1	9.4	9.0	9.0	8.1	7.2	5.7	6.0	6.6	5.1	4.2	5.3	9.2	13.5	4.2
24	5.3	5.4	6.1	5.4	8.5	6.1	5.9	5.4	4.9	4.3	7.0	7.1	7.8	9.2	7.9	10.2	9.4	9.0	3.9	3.7	5.7	5.1	5.7	5.4	6.4	10.2	3.7
25	4.1	3.0	1.8	2.3	2.5	3.0	4.0	6.5	8.2	9.4	10.1	10.7	10.9	12.6	11.0	10.0	9.1	8.9	3.3	3.0	4.5	5.5	5.5	5.7	6.5	12.6	1.8
26	4.9	4.8	5.1	6.3	6.1	5.5	5.6	6.8	5.8	4.1	4.4	5.6	5.8	9.2	11.0	12.0	12.5	11.0	7.6	5.7	4.1	3.2	6.9	5.0	6.6	12.5	3.2
27	9.9	13.2	9.2	9.2	5.9	3.6	5.5	8.2	11.0	13.8	14.7	14.9	13.0	11.7	10.9	12.0	10.8	11.2	6.9	5.9	5.2	4.1	2.2	3.0	9.0	14.9	2.2
28	4.2	6.4	6.6	5.7	5.7	6.3	4.3	8.6	8.1	6.6	7.9	8.7	6.9	6.2	6.1	8.0	8.1	8.5	4.2	9.5	13.2	13.8	8.7	7.9	7.5	13.8	4.2
29	6.0	6.9	6.1	6.3	5.3	4.6	4.6	5.0	6.2	7.5	8.1	6.9	6.7	5.8	6.8	9.3	7.2	14.8	16.0	13.9	11.4	9.4	8.4	5.8	7.9	16.0	4.6
30	5.9	6.0	6.4	6.0	4.9	3.9	6.8	8.1	7.8	6.9	6.6	6.5	9.2	10.8	10.7	8.6	9.6	16.4	11.8	10.5	13.5	11.0	8.6	8.7	8.6	16.4	3.9
MEAN	7.0	6.8	5.9	5.2	5.2	5.4	6.4	8.1	8.4	9.5	10.0	10.5	11.3	11.6	12.0	11.6	10.9	10.3	8.0	7.5	8.2	7.9	7.5	7.4	8.4		
MAX	12.2	13.4	10.9	9.2	9.8	11.7	14.0	15.3	13.7	15.0	17.8	18.2	22.7	22.8	22.5	21.5	20.1	16.4	16.4	15.5	17.2	15.7	15.2	15.7		22.8	
MIN	3.0	3.0	1.8	2.3	1.6	2.1	1.3	3.1	4.3	4.1	4.2	5.6	5.8	5.8	6.1	6.2	6.4	5.8	3.3	2.2	2.6	2.7	1.4	3.0			1.3

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 8.4 mps

MAXIMUM 10M WIND GUST WAS 22.8 mps ON 4/ 2 AT 1400 MAXIMUM DAILY MEAN WAS 13.6 mps ON 4/14

MINIMUM 10M WIND GUST WAS 1.3 mps ON 4/ 7 AT 700 MINIMUM DAILY MEAN WAS 6.4 mps ON 4/24

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

10M WIND GUST in mps for MAY, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	9.4	10.1	9.4	6.0	4.1	5.0	7.5	7.3	7.4	8.1	10.1	12.3	16.9	14.8	16.1	15.0	14.7	13.9	11.0	16.2	10.9	10.0	7.5	6.2	10.4	16.9	4.1
02	6.5	5.8	4.1	2.5	2.3	2.5	4.6	4.9	7.0	6.4	7.6	9.9	12.2	13.8	14.0	16.1	13.8	14.8	12.2	7.3	9.2	9.7	10.3	8.2	8.6	16.1	2.3
03	4.3	2.0	3.9	3.5	5.2	5.1	4.6	6.4	9.9	9.7	11.3	10.2	10.4	14.8	13.0	11.9	9.0	7.1	5.0	4.9	5.1	4.2	9.7	6.4	7.4	14.8	2.0
04	4.9	5.0	2.8	4.6	3.0	2.9	3.8	6.0	10.1	10.4	11.7	12.2	31.5	13.9	14.8	13.2	11.9	12.0	9.0	4.9	7.7	6.2	4.9	3.5	8.8	31.5	2.8
05	5.0	6.8	3.6	1.7	2.3	2.5	3.4	5.1	6.7	10.5	13.0	14.6	16.0	12.7	12.8	13.8	14.1	10.8	11.9	7.7	6.7	4.7	4.7	5.1	8.2	16.0	1.7
06	4.4	3.4	3.5	5.2	3.3	4.0	7.6	9.8	12.6	11.8	10.1	8.9	9.6	8.4	10.2	12.0	12.8	13.2	10.9	4.4	6.4	9.0	10.3	12.5	8.5	13.2	3.3
07	11.8	10.8	10.5	9.4	8.9	9.4	10.7	11.3	11.0	10.4	10.1	11.1	12.7	8.8	9.2	11.7	10.4	16.1	15.6	15.0	12.8	11.9	14.7	17.2	11.7	17.2	8.8
08	13.1	15.1	8.7	12.3	12.1	10.3	10.8	10.4	9.4	9.6	9.4	8.1	8.0	8.6	10.1	9.2	9.8	9.0	6.6	6.1	6.1	5.3	6.5	5.7	9.2	15.1	5.3
09	3.3	1.8	1.8	2.3	3.5	3.5	4.6	5.5	5.3	5.0	7.2	7.9	9.3	9.0	9.1	7.9	6.7	7.2	6.5	7.3	7.8	9.6	6.0	6.3	6.0	9.6	1.8
10	7.0	6.5	7.0	8.2	8.1	7.0	5.0	10.6	10.1	10.0	10.4	10.4	6.0	5.3	8.7	6.7	5.6	4.3	3.2	3.1	4.2	6.4	5.2	4.4	6.8	10.6	3.1
11	5.3	5.1	4.3	5.8	5.5	3.2	4.4	4.6	7.3	8.3	7.7	8.1	8.9	8.4	12.1	11.2	10.8	8.3	10.6	10.9	8.6	11.3	10.0	4.8	7.7	12.1	3.2
12	5.1	5.6	6.6	5.9	5.0	4.0	5.8	7.1	9.0	8.7	6.9	7.8	8.4	7.5	8.2	6.3	7.4	6.6	6.5	6.3	5.7	5.0	7.9	6.8	6.7	9.0	4.0
13	5.7	4.2	4.8	3.0	3.3	5.2	6.3	7.7	9.4	9.5	9.2	5.6	9.6	9.5	11.7	10.2	10.1	10.1	9.5	8.7	8.6	6.8	7.3	8.4	7.7	11.7	3.0
14	9.9	7.1	4.6	3.3	3.6	5.7	5.6	6.4	9.2	10.0	6.0	9.5	9.9	6.8	14.2	10.8	11.7	10.1	5.7	5.1	3.4	3.8	5.6	5.5	7.2	14.2	3.3
15	5.8	4.8	3.4	4.5	3.8	3.9	4.1	3.7	4.0	6.1	5.6	4.9	4.9	4.9	5.8	5.1	5.6	4.7	3.3	5.1	5.5	4.4	2.5	2.6	4.5	6.1	2.5
16	2.8	3.7	3.9	5.0	5.6	5.0	4.4	6.0	7.0	7.1	6.6	7.7	7.6	8.2	8.1	8.0	6.1	8.5	6.5	4.8	4.8	5.0	5.0	5.7	6.0	8.5	2.8
17	5.6	2.9	1.5	2.7	3.8	4.0	8.4	10.9	11.1	10.5	10.7	10.5	9.8	11.0	11.6	10.3	10.4	10.3	8.9	7.6	9.2	10.5	11.4	11.0	8.5	11.6	1.5
18	9.4	8.5	7.8	7.5	5.8	3.8	7.3	7.5	7.8	8.4	9.4	14.2	12.4	13.5	15.2	13.6	14.6	14.0	12.5	10.0	10.9	10.5	11.3	10.9	10.3	15.2	3.8
19	10.8	8.7	6.6	5.2	3.2	4.0	5.9	6.7	6.5	8.8	6.9	9.4	12.6	12.5	9.5	12.7	11.9	12.2	7.6	9.4	10.3	8.9	6.5	6.9	8.5	12.7	3.2
20	6.0	4.6	3.7	3.1	9.1	5.4	6.9	7.9	8.6	8.8	9.2	10.2	11.6	11.0	11.0	10.1	9.2	9.3	9.3	9.6	9.7	10.7	10.3	8.0	8.5	11.6	3.1
21	5.9	7.0	6.0	5.1	5.3	5.2	8.1	9.1	9.1	8.8	10.9	13.3	12.8	12.7	10.4	10.2	10.3	8.4	7.7	6.2	6.6	6.4	7.7	4.7	8.2	13.3	4.7
22	4.4	4.3	6.9	6.7	6.9	7.4	8.8	10.2	11.4	11.5	12.2	13.6	11.9	11.8	12.2	13.0	12.2	12.2	13.2	10.9	11.1	10.0	8.6	6.6	9.9	13.6	4.3
23	7.7	6.6	7.1	4.8	3.7	2.5	3.9	4.5	6.7	9.5	13.8	13.9	15.3	15.1	15.2	13.7	15.0	10.7	6.9	4.4	7.4	5.6	10.3	9.2	8.9	15.3	2.5
24	11.4	6.5	5.0	6.0	8.4	10.9	15.5	17.1	17.8	16.3	14.4	16.1	15.3	14.4	14.1	16.5	12.5	12.4	9.6	5.3	4.1	9.1	10.8	7.8	11.6	17.8	4.1
25	4.3	5.2	4.7	3.0	3.3	3.6	4.3	10.9	12.5	12.9	9.9	10.9	12.5	12.7	13.3	12.7	12.1	14.0	11.4	18.0	18.4	17.5	14.2	12.9	10.6	18.4	3.0
26	10.1	8.7	8.5	10.2	9.0	10.7	12.7	14.8	15.2	16.0	15.4	13.4	14.4	14.1	16.9	14.8	15.9	15.9	14.1	17.0	13.6	12.4	12.1	11.3	13.2	17.0	8.5
27	7.6	4.8	4.6	5.3	5.6	7.3	9.9	10.1	9.8	8.8	9.0	11.3	11.2	12.1	10.2	9.9	12.4	10.5	11.2	9.5	8.2	6.4	6.0	5.3	8.6	12.4	4.6
28	3.6	3.0	2.3	2.4	3.2	3.3	3.4	4.6	4.9	5.5	6.5	6.9	8.0	7.8	13.9	9.7	10.1	7.8	3.7	1.8	2.1	2.0	1.6	6.5	5.2	13.9	1.6
29	3.0	2.0	2.1	2.2	2.7	2.1	4.0	5.4	5.3	7.2	9.3	10.1	11.5	12.5	12.7	10.1	8.6	6.2	2.7	1.6	6.2	4.2	3.4	3.8	5.8	12.7	1.6
30	3.8	4.0	3.6	2.3	2.3	2.5	5.7	5.0	6.6	8.0	8.4	10.6	12.3	11.6	13.9	11.1	10.0	9.0	4.0	4.0	3.9	5.9	9.4	9.8	7.0	13.9	2.3
31	8.3	7.2	6.6	7.2	11.7	15.1	15.8	14.5	14.4	15.8	16.9	13.7	15.0	15.6	14.5	12.3	11.6	9.3	9.0	7.6	8.0	8.4	7.7	8.8	11.5	16.9	6.6
MEAN	6.6	5.9	5.2	5.1	5.3	5.4	6.9	8.1	9.1	9.6	9.9	10.6	11.9	11.1	12.0	11.3	10.9	10.3	8.6	7.8	7.8	7.8	8.0	7.5	8.4		
MAX	13.1	15.1	10.5	12.3	12.1	15.1	15.8	17.1	17.8	16.3	16.9	16.1	31.5	15.6	16.9	16.5	15.9	16.1	15.6	18.0	18.4	17.5	14.7	17.2		31.5	
MIN	2.8	1.8	1.5	1.7	2.3	2.1	3.4	3.7	4.0	5.0	5.6	4.9	4.9	4.9	5.8	5.1	5.6	4.3	2.7	1.6	2.1	2.0	1.6	2.6			1.5

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 8.4 mps

MAXIMUM 10M WIND GUST WAS 31.5 mps ON 5/ 4 AT 1300

MAXIMUM DAILY MEAN WAS 13.2 mps ON 5/26

MINIMUM 10M WIND GUST WAS 1.5 mps ON 5/17 AT 300

MINIMUM DAILY MEAN WAS 4.5 mps ON 5/15

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

10M WIND GUST in mps for JUNE, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	10.4	9.5	10.2	8.7	10.5	9.6	9.9	11.4	11.8	13.3	12.6	12.8	12.7	12.7	13.0	11.5	14.0	10.4	8.8	5.2	6.4	6.1	9.2	12.0	10.5	14.0	5.2
02	9.5	7.4	8.2	7.4	7.9	4.5	5.5	6.4	6.2	7.5	7.0	8.9	10.1	9.5	9.8	10.2	9.7	9.4	7.9	8.9	8.2	13.9	12.4	11.3	8.7	13.9	4.5
03	11.8	9.7	7.7	6.5	6.6	6.1	9.9	10.4	10.3	10.9	8.7	9.3	10.2	10.1	9.3	8.8	10.1	10.8	10.0	9.2	8.0	7.4	5.8	5.6	8.9	11.8	5.6
04	7.0	7.8	4.6	3.2	6.1	5.0	4.0	5.8	8.1	6.8	7.1	7.8	8.0	11.5	12.8	10.6	9.4	16.1	21.2	14.1	9.3	6.9	7.2	7.0	8.6	21.2	3.2
05	8.5	6.4	4.2	4.8	6.4	7.3	3.8	4.7	4.7	5.7	5.9	6.7	8.3	7.5	7.0	6.9	7.7	8.3	6.3	7.5	9.9	9.5	6.8	6.4	6.7	9.9	3.8
06	5.9	5.3	6.5	7.7	8.7	10.3	13.6	13.9	14.6	15.4	14.4	15.0	14.7	11.7	11.5	8.1	8.0	5.7	12.1	12.2	12.6	12.0	11.2	8.7	10.8	15.4	5.3
07	7.6	7.4	7.8	9.5	10.5	11.2	11.1	10.7	11.6	12.1	11.2	10.8	9.9	10.8	7.8	9.4	8.6	13.5	14.6	13.1	11.8	10.9	10.5	11.4	10.6	14.6	7.4
08	10.3	12.1	11.1	11.2	9.5	9.2	11.8	11.5	10.6	10.2	10.4	11.3	10.3	11.4	10.2	11.7	10.1	11.0	11.2	10.9	9.3	8.1	8.2	8.2	10.4	12.1	8.1
09	7.8	6.5	5.5	5.3	5.6	5.0	5.5	7.8	7.4	7.4	10.6	11.6	9.9	14.4	13.3	12.8	13.5	10.3	9.4	4.5	5.0	9.2	9.2	9.0	8.6	14.4	4.5
10	8.6	7.0	4.9	4.0	2.0	3.4	5.3	7.0	10.8	14.1	12.5	13.5	16.4	15.3	14.1	14.0	12.6	11.6	11.2	6.3	5.0	5.2	3.7	4.0	8.9	16.4	2.0
11	4.2	9.5	2.4	6.1	4.0	3.8	3.2	4.1	7.5	8.2	7.0	6.2	5.5	5.4	6.7	4.6	5.3	7.3	5.8	9.6	10.4	9.5	9.4	9.4	6.5	10.4	2.4
12	10.1	10.0	7.2	6.1	5.3	5.9	10.8	10.6	12.9	14.0	13.0	12.2	12.5	12.4	12.9	14.4	14.5	14.5	23.7	23.7	13.6	13.6	12.8	9.1	12.3	23.7	5.3
13	7.5	16.6	14.0	13.2	11.7	10.9	11.7	14.4	14.0	14.8	13.3	15.1	12.4	11.4	10.7	10.7	13.3	15.5	9.7	5.0	4.5	5.7	4.6	5.0	11.1	16.6	4.5
14	6.1	6.8	7.0	6.0	6.1	5.1	8.0	9.3	11.3	11.0	10.8	10.7	10.6	11.2	12.5	15.8	13.2	17.4	16.5	9.2	7.5	8.4	8.5	6.9	9.8	17.4	5.1
15	8.6	11.0	9.5	10.4	8.6	9.7	9.2	9.3	9.6	12.8	8.6	10.3	12.1	10.0	11.7	12.2	11.8	12.9	10.7	10.0	10.5	13.7	10.2	9.9	10.6	13.7	8.6
16	10.4	10.4	9.9	9.4	9.9	8.2	8.7	9.8	9.4	9.7	8.2	13.1	9.9	9.8	13.5	12.9	12.3	10.5	11.7	10.8	8.8	10.7	10.3	10.6	10.4	13.5	8.2
17	7.6	7.7	8.4	8.9	4.8	3.1	6.0	8.1	7.7	7.7	8.6	7.6	10.2	9.3	9.6	10.1	9.6	9.1	7.8	7.7	7.6	8.6	8.6	10.1	8.1	10.2	3.1
18	11.8	10.7	8.3	8.5	7.5	6.3	8.6	9.3	9.9	8.9	7.8	7.8	8.1	8.4	11.3	11.2	7.3	12.9	15.9	12.6	12.6	17.5	14.4	13.1	10.4	17.5	6.3
19	11.1	11.9	9.7	10.4	6.9	8.0	9.3	9.2	8.0	8.5	7.4	7.7	9.4	11.2	9.9	10.7	12.5	14.2	15.4	13.3	14.7	15.0	14.3	11.6	10.8	15.4	6.9
20	13.2	13.6	11.5	10.8	10.1	10.6	13.0	13.3	11.3	11.0	9.8	10.2	10.6	9.2	10.9	10.8	11.0	12.2	12.1	11.1	9.6	10.0	8.9	8.7	11.0	13.6	8.7
21	8.9	6.5	8.0	7.7	5.6	7.0	8.4	8.6	6.4	7.3	10.6	12.1	13.9	13.0	15.5	10.8	14.1	10.2	10.5	10.2	8.1	5.2	5.3	6.3	9.2	15.5	5.2
22	5.3	5.7	6.7	5.0	5.1	5.7	8.6	10.8	9.3	8.6	10.4	10.7	10.7	11.6	12.0	12.5	9.7	10.1	9.2	7.1	4.9	5.2	4.8	4.5	8.1	12.5	4.5
23	3.5	5.4	3.8	3.7	3.4	3.8	8.2	9.7	10.9	10.9	12.8	11.4	12.2	13.8	12.3	9.2	9.0	9.9	8.3	5.1	4.6	4.9	5.5	3.5	7.7	13.8	3.4
24	2.1	2.0	3.0	3.7	3.8	2.9	7.3	10.0	9.3	12.6	11.1	11.1	10.9	9.8	10.4	10.8	9.8	9.2	8.9	5.1	5.8	5.9	5.2	4.9	7.3	12.6	2.0
25	3.6	6.1	3.2	2.5	2.4	2.4	1.6	4.6	5.2	8.1	8.2	10.4	9.6	10.8	10.3	8.5	9.1	7.2	6.8	4.9	4.6	6.2	5.8	6.3	6.2	10.8	1.6
26	6.1	2.2	3.0	2.8	3.4	1.8	3.1	3.8	6.1	6.1	8.3	9.4	10.6	10.4	12.3	11.1	10.1	8.9	7.2	5.3	4.1	5.4	5.6	5.2	6.3	12.3	1.8
27	5.4	4.7	6.8	6.8	2.8	4.9	3.3	4.0	5.0	6.0	8.7	10.7	18.3	7.8	8.7	11.1	10.2	10.8	8.6	6.9	6.8	6.3	6.1	5.5	7.3	18.3	2.8
28	5.0	4.0	4.8	3.9	3.9	4.1	9.2	9.9	8.8	8.1	9.3	10.3	8.6	9.8	11.2	10.8	9.3	9.5	9.3	5.9	6.1	5.2	5.1	4.5	7.4	11.2	3.9
29	3.7	3.8	4.0	4.5	3.0	3.6	8.0	9.2	10.0	9.4	9.8	9.1	9.4	8.8	8.0	8.9	7.8	9.2	7.8	6.6	6.5	4.4	5.0	4.6	6.9	10.0	3.0
30	3.7	4.7	7.0	6.8	9.7	6.8	7.1	7.7	9.7	9.1	9.4	10.5	11.1	10.0	13.2	12.0	11.4	9.2	8.6	5.8	6.2	6.2	7.4	6.7	8.3	13.2	3.7
MEAN	7.5	7.8	7.0	6.8	6.4	6.2	7.8	8.8	9.3	9.9	9.8	10.5	10.9	10.6	11.1	10.8	10.5	10.9	10.9	8.9	8.1	8.6	8.1	7.7	8.9		
MAX	13.2	16.6	14.0	13.2	11.7	11.2	13.6	14.4	14.6	15.4	14.4	15.1	18.3	15.3	15.5	15.8	14.5	17.4	23.7	23.7	14.7	17.5	14.4	13.1		23.7	
MIN	2.1	2.0	2.4	2.5	2.0	1.8	1.6	3.8	4.7	5.7	5.9	6.2	5.5	5.4	6.7	4.6	5.3	5.7	5.8	4.5	4.1	4.4	3.7	3.5			1.6

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 8.9 mps

MAXIMUM 10M WIND GUST WAS 23.7 mps ON 6/12 AT 1900 MAXIMUM DAILY MEAN WAS 12.3 mps ON 6/12

MINIMUM 10M WIND GUST WAS 1.6 mps ON 6/25 AT 700 MINIMUM DAILY MEAN WAS 6.2 mps ON 6/25

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

40M WIND GUST in mps for APRIL, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	9.7	9.8	5.3	7.4	6.1	6.3	5.4	3.6	4.7	13.1	12.5	16.8	17.1	20.3	18.6	17.9	14.7	14.0	10.1	9.7	12.5	9.7	8.3	8.4	10.9	20.3	3.6
02	8.4	9.1	8.5	6.8	4.9	6.7	8.2	11.2	12.9	15.9	17.3	19.5	25.4	24.7	25.0	20.8	19.3	14.2	11.4	9.1	6.3	7.3	7.3	5.7	12.7	25.4	4.9
03	7.7	8.6	9.1	7.9	9.5	8.2	8.5	13.1	12.6	14.9	15.1	16.4	16.1	15.5	14.4	13.0	12.8	10.9	9.3	9.3	9.2	9.2	11.2	10.3	11.4	16.4	7.7
04	11.2	8.3	7.3	5.5	1.7	3.4	3.2	2.8	7.9	10.4	9.3	11.4	13.0	13.0	17.8	13.6	10.1	9.0	6.4	4.4	2.8	3.3	2.3	8.6	7.8	17.8	1.7
05	10.0	9.7	8.2	8.3	9.1	9.1	8.2	6.8	4.8	4.8	4.7	7.0	10.2	9.7	10.9	12.4	9.0	8.0	8.8	9.9	12.5	14.1	13.4	12.2	9.2	14.1	4.7
06	11.6	10.4	9.0	10.0	9.9	9.8	10.6	12.3	9.4	9.3	8.6	8.2	8.6	9.0	15.1	11.8	13.6	11.5	7.1	7.7	11.9	12.1	10.2	8.8	10.3	15.1	7.1
07	5.8	8.4	9.9	6.3	4.6	4.7	3.4	3.8	6.2	9.1	13.3	15.8	14.4	13.3	13.7	14.4	17.7	18.1	18.0	16.1	15.6	13.8	14.6	11.7	11.4	18.1	3.4
08	11.9	10.2	8.1	7.6	10.1	11.2	10.5	9.3	10.1	8.4	6.6	5.8	6.9	8.2	8.1	6.6	7.7	5.8	7.2	7.6	6.9	7.3	7.6	7.0	8.2	11.9	5.8
09	6.6	6.6	5.3	3.8	3.9	4.9	5.4	8.8	9.0	8.1	8.6	8.4	9.7	11.7	10.0	9.7	9.8	12.0	14.0	13.9	13.7	9.0	7.2	10.1	8.8	14.0	3.8
10	8.4	9.0	8.2	7.3	8.5	9.1	7.0	6.1	6.1	5.8	5.7	6.8	9.6	10.8	10.1	8.6	9.3	9.3	10.5	9.0	9.0	8.2	8.6	8.7	8.3	10.8	5.7
11	7.3	8.5	7.9	7.3	5.7	2.7	5.9	6.6	7.9	9.0	12.3	13.1	13.3	13.0	13.0	11.9	14.4	14.2	12.0	10.3	8.9	12.0	11.5	9.2	9.9	14.4	2.7
12	9.9	7.3	6.8	8.8	9.8	8.5	10.5	12.4	9.6	11.7	11.6	12.7	15.3	17.7	19.7	15.9	16.0	13.3	12.2	8.8	9.4	8.9	7.5	7.9	11.3	19.7	6.8
13	7.6	7.6	5.7	4.4	4.4	3.1	4.3	5.0	4.6	6.3	9.2	9.3	12.1	11.9	14.9	13.5	12.9	10.9	9.2	15.2	16.8	16.5	16.4	17.0	10.0	17.0	3.1
14	13.2	11.1	10.4	10.0	7.6	6.9	9.9	10.0	11.4	15.2	18.4	18.1	19.5	23.5	23.1	23.7	22.9	20.2	15.9	17.1	18.7	18.2	15.4	14.1	15.6	23.7	6.9
15	13.4	11.0	10.7	8.2	9.3	9.3	12.5	14.1	14.4	15.4	16.9	18.2	16.7	17.2	16.4	15.3	12.5	9.8	7.3	7.3	9.2	6.9	5.7	7.3	11.9	18.2	5.7
16	6.3	10.1	11.1	9.3	7.9	11.2	7.5	8.5	8.2	8.8	5.7	8.6	9.8	9.6	8.8	10.9	10.3	9.3	4.6	2.7	5.9	10.2	10.3	11.0	8.6	11.2	2.7
17	12.2	9.4	10.0	9.4	9.1	8.7	8.7	10.0	12.0	11.6	11.4	12.1	12.5	13.0	12.3	13.6	13.3	12.3	10.4	9.8	11.3	10.7	9.5	9.6	11.0	13.6	8.7
18	9.3	9.2	8.1	8.1	9.5	9.8	12.8	12.0	10.8	11.4	10.9	11.5	12.9	12.5	14.0	14.8	12.4	14.8	13.3	13.0	13.5	11.5	12.3	10.4	11.6	14.8	8.1
19	10.2	9.3	6.9	5.6	5.0	4.2	4.1	4.6	5.8	11.0	12.3	12.3	11.8	12.5	17.2	14.8	13.1	8.9	12.5	10.9	10.9	10.9	15.3	13.9	10.2	17.2	4.1
20	12.5	15.4	10.7	10.7	10.1	13.3	15.6	16.6	15.3	14.1	14.9	13.4	13.2	10.5	11.1	9.8	10.4	8.6	7.4	6.6	9.8	8.6	8.4	9.0	11.5	16.6	6.6
21	10.4	8.8	8.2	7.2	7.2	7.9	8.5	10.3	10.1	9.9	10.0	10.1	9.7	7.5	8.1	7.6	7.9	6.5	7.5	7.9	9.3	10.6	8.4	8.0	8.7	10.6	6.5
22	6.8	7.8	6.2	6.0	5.3	4.8	4.3	7.2	7.8	9.4	13.4	12.6	11.2	11.6	9.9	9.6	9.6	7.9	8.7	16.0	14.9	14.9	18.0	14.7	9.9	18.0	4.3
23	14.1	13.3	12.9	10.4	11.9	13.8	15.0	14.8	13.0	14.8	9.4	9.2	10.1	10.1	9.3	9.5	8.9	7.8	6.8	9.0	9.0	8.1	6.2	7.6	10.6	15.0	6.2
24	8.3	7.2	7.4	6.9	10.1	7.3	6.9	5.9	5.4	5.3	7.1	7.7	9.2	11.0	9.0	10.0	8.7	10.0	6.5	6.6	8.9	8.6	9.2	8.8	8.0	11.0	5.3
25	6.4	4.5	4.7	6.1	5.9	6.1	5.9	7.1	8.8	10.0	10.9	11.9	14.9	11.7	10.5	10.9	9.7	9.3	6.0	5.6	9.0	8.9	10.7	10.0	8.6	14.9	4.5
26	8.8	9.3	8.6	10.3	9.6	8.4	8.2	7.9	5.8	4.3	4.3	5.8	7.1	9.4	11.2	13.2	12.7	11.9	9.7	9.4	8.2	6.8	12.3	11.7	9.0	13.2	4.3
27	12.9	16.7	12.6	12.9	9.3	6.4	6.3	8.4	10.7	15.9	15.2	15.9	13.7	13.0	12.6	14.2	12.2	13.3	8.6	8.9	8.7	6.7	4.0	4.5	11.0	16.7	4.0
28	5.5	8.2	8.8	7.0	6.1	5.4	6.5	9.6	8.9	7.1	8.4	8.3	6.1	5.7	6.6	8.7	8.1	8.6	5.3	11.7	16.3	16.1	11.8	10.2	8.5	16.3	5.3
29	7.7	7.9	8.3	9.1	7.0	6.9	5.8	5.1	6.6	7.5	8.6	6.9	6.6	6.4	7.1	9.7	8.3	16.5	17.4	16.6	13.4	11.1	10.1	7.7	9.1	17.4	5.1
30	7.8	8.3	8.5	7.6	6.9	4.9	7.1	9.3	8.4	7.8	6.9	6.1	9.5	11.3	10.2	9.2	10.7	18.4	13.1	13.1	14.4	13.7	10.7	10.8	9.8	18.4	4.9
MEAN	9.4	9.4	8.4	7.9	7.5	7.4	7.9	8.8	9.0	10.2	10.6	11.3	12.2	12.5	12.9	12.5	12.0	11.5	9.9	10.1	10.9	10.5	10.1	9.8	10.1		
MAX	14.1	16.7	12.9	12.9	11.9	13.8	15.6	16.6	15.3	15.9	18.4	19.5	25.4	24.7	25.0	23.7	22.9	20.2	18.0	17.1	18.7	18.2	18.0	17.0		25.4	
MIN	5.5	4.5	4.7	3.8	1.7	2.7	3.2	2.8	4.6	4.3	4.3	5.8	6.1	5.7	6.6	6.6	7.7	5.8	4.6	2.7	2.8	3.3	2.3	4.5			1.7

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 10.1 mps

MAXIMUM 40M WIND GUST WAS 25.4 mps ON 4/ 2 AT 1300

MAXIMUM DAILY MEAN WAS 15.6 mps ON 4/14

MINIMUM 40M WIND GUST WAS 1.7 mps ON 4/ 4 AT 500

MINIMUM DAILY MEAN WAS 7.8 mps ON 4/ 4

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

40M WIND GUST in mps for MAY, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	11.7	13.4	11.5	9.0	7.9	7.5	8.0	7.7	7.9	8.7	11.3	13.2	20.0	17.4	17.4	16.5	17.2	16.5	13.1	16.8	14.0	11.6	9.6	8.3	12.3	20.0	7.5
02	8.3	7.5	6.3	5.0	5.4	3.8	5.7	5.1	7.3	6.9	8.7	11.3	14.2	16.2	14.8	16.1	15.0	16.2	13.5	10.9	12.1	12.4	13.1	11.0	10.3	16.2	3.8
03	6.7	4.7	5.9	5.9	6.6	6.9	6.9	7.1	9.1	10.9	11.1	10.5	11.9	13.8	16.3	13.2	9.5	7.9	6.8	9.2	9.6	8.6	11.6	8.3	9.1	16.3	4.7
04	8.1	8.2	6.4	5.7	5.0	4.4	4.2	6.8	10.2	10.6	13.4	13.4	30.7	15.7	15.6	14.4	14.5	13.6	10.9	9.1	11.4	9.9	9.4	8.1	10.8	30.7	4.2
05	7.9	10.4	6.8	4.6	5.5	5.3	5.4	5.9	6.8	10.9	13.2	13.4	17.7	15.0	14.1	15.0	15.6	11.8	13.9	10.9	11.0	9.1	8.0	8.6	10.3	17.7	4.6
06	8.2	7.3	7.6	9.1	6.9	6.7	8.8	11.2	14.3	12.7	11.2	9.0	9.3	7.8	10.9	12.9	14.3	14.4	13.2	8.1	7.7	10.8	13.3	14.0	10.4	14.4	6.7
07	13.0	12.7	12.5	11.9	10.4	10.8	10.9	11.9	12.4	10.9	11.4	12.0	14.1	10.1	9.9	11.9	11.6	18.0	18.6	17.9	14.2	13.4	16.5	19.7	13.2	19.7	9.9
08	15.6	17.0	10.8	13.9	13.0	13.1	11.3	11.8	10.0	11.2	10.5	9.0	8.8	9.7	10.6	9.3	10.7	9.9	7.5	7.1	6.9	7.1	7.7	6.6	10.4	17.0	6.6
09	4.3	2.2	2.4	2.8	4.3	4.4	4.9	6.1	5.4	5.7	7.4	8.4	9.4	9.3	8.9	8.2	7.1	7.9	7.0	8.4	9.1	10.3	7.0	8.1	6.6	10.3	2.2
10	7.6	7.7	8.6	9.2	9.3	8.3	5.9	12.4	11.5	10.9	11.3	11.0	6.9	5.8	9.3	7.3	6.0	4.6	3.6	3.8	4.8	7.8	6.4	5.1	7.7	12.4	3.6
11	6.3	6.0	6.1	7.4	7.6	4.7	4.6	5.2	8.1	9.6	8.5	8.2	9.9	10.5	13.8	11.4	11.8	9.7	12.2	12.7	10.2	13.1	13.9	7.5	9.1	13.9	4.6
12	6.3	8.0	8.2	8.0	7.0	5.5	7.0	8.1	10.1	8.8	7.4	9.0	9.5	8.1	7.4	7.3	7.8	7.5	7.5	7.8	7.4	6.9	9.9	9.5	7.9	10.1	5.5
13	6.6	5.4	6.4	4.3	3.5	6.1	7.3	8.3	9.4	11.5	8.9	5.7	10.6	10.6	11.5	11.2	11.8	10.8	10.9	10.8	11.4	8.6	8.6	11.6	8.8	11.8	3.5
14	11.2	10.1	6.1	3.6	5.0	7.3	7.3	6.4	11.8	12.4	7.3	10.1	12.0	7.7	18.1	12.7	12.0	11.4	6.1	6.5	5.2	5.3	7.5	7.6	8.8	18.1	3.6
15	8.6	7.7	5.4	6.2	5.8	6.9	4.9	4.6	3.8	5.9	6.3	5.7	5.8	5.3	5.6	5.3	5.7	5.1	4.1	7.4	7.7	6.9	4.8	4.6	5.8	8.6	3.8
16	5.9	6.0	4.3	5.7	6.9	6.8	6.3	6.9	7.6	8.5	7.3	9.1	8.1	9.1	8.3	7.6	6.5	9.1	6.7	8.0	8.5	9.2	8.6	9.4	7.5	9.4	4.3
17	10.1	6.4	4.4	5.2	5.3	6.2	7.7	11.8	11.8	11.1	11.0	11.6	10.7	11.1	12.1	11.4	11.4	11.2	11.1	10.0	12.2	12.7	13.3	13.9	10.2	13.9	4.4
18	12.1	10.9	9.6	9.5	8.3	6.2	8.3	8.4	8.6	9.4	10.1	16.1	13.1	14.3	16.2	16.4	14.8	15.0	14.1	12.5	12.9	13.4	14.3	13.8	12.0	16.4	6.2
19	12.5	11.1	9.6	7.6	6.3	6.7	6.8	7.4	7.0	8.5	7.2	10.2	14.8	12.9	10.3	12.9	13.7	14.0	8.8	11.2	12.3	12.3	8.7	8.4	10.1	14.8	6.3
20	8.5	7.7	6.7	5.9	10.2	7.0	7.7	8.4	9.4	9.0	9.3	11.9	11.5	11.5	12.1	11.1	10.2	10.3	10.5	10.8	11.0	11.9	12.2	10.4	9.8	12.2	5.9
21	7.1	8.5	8.3	6.9	8.0	6.3	9.3	9.5	9.8	10.5	11.3	13.0	13.3	13.1	10.9	11.0	10.7	9.5	9.1	7.9	8.5	9.0	9.9	6.7	9.5	13.3	6.3
22	7.1	6.2	8.3	8.2	8.7	9.3	10.1	10.9	10.9	13.4	14.1	14.1	12.8	13.0	12.6	12.8	13.3	13.5	14.0	13.3	12.7	12.1	10.9	8.9	11.3	14.1	6.2
23	9.9	10.3	9.9	7.5	6.3	5.2	5.2	5.0	8.8	9.3	14.1	15.6	16.6	16.0	16.4	15.6	17.9	12.1	9.2	8.1	11.3	10.2	13.3	12.5	11.1	17.9	5.0
24	14.8	9.9	9.2	10.1	12.1	14.6	17.3	19.6	19.5	17.2	15.6	16.7	17.2	17.0	15.1	17.4	13.6	14.2	11.6	8.4	7.5	12.4	13.2	11.1	14.0	19.6	7.5
25	6.9	9.3	8.5	5.1	6.4	5.9	6.3	12.2	14.2	13.5	10.9	11.0	13.7	14.8	13.7	13.2	13.2	15.0	12.7	20.4	18.7	20.2	17.1	16.0	12.5	20.4	5.1
26	12.4	11.4	11.0	12.2	12.0	11.5	13.9	17.1	15.4	16.8	15.4	15.2	14.4	16.1	18.4	15.5	17.5	17.5	16.2	19.7	17.9	14.3	12.9	12.8	14.9	19.7	11.0
27	9.8	6.1	8.1	8.6	8.1	8.9	10.5	10.9	10.3	9.5	9.4	11.8	12.1	12.4	11.1	11.4	14.3	11.6	13.6	11.8	10.1	8.5	8.3	7.5	10.2	14.3	6.1
28	5.6	5.5	4.6	3.2	3.5	4.2	3.8	6.8	6.0	5.5	6.8	7.6	8.6	9.7	10.8	9.8	10.2	8.5	4.9	2.2	4.3	5.2	3.7	7.6	6.2	10.8	2.2
29	5.0	4.4	4.6	4.6	5.0	4.6	4.6	5.4	5.3	7.7	9.7	10.9	12.6	13.7	14.9	11.0	10.2	7.1	3.1	1.6	8.1	8.3	6.5	6.5	7.3	14.9	1.6
30	6.7	7.1	6.3	5.6	5.9	6.0	7.1	5.8	6.7	8.0	8.3	11.2	12.6	13.3	13.2	12.5	11.3	9.0	5.7	8.4	8.2	9.3	13.1	13.2	8.9	13.3	5.6
31	11.7	8.8	10.0	9.9	14.0	17.2	17.9	16.6	16.2	17.2	18.2	14.4	15.8	17.4	15.8	13.2	12.0	10.3	9.9	9.4	10.5	10.0	9.8	10.3	13.2	18.2	8.8
MEAN	8.9	8.3	7.6	7.2	7.4	7.4	7.9	9.1	9.9	10.4	10.5	11.3	12.9	12.2	12.8	12.1	12.0	11.4	10.0	10.0	10.2	10.3	10.4	9.9	10.0		
MAX	15.6	17.0	12.5	13.9	14.0	17.2	17.9	19.6	19.5	17.2	18.2	16.7	30.7	17.4	18.4	17.4	17.9	18.0	18.6	20.4	18.7	20.2	17.1	19.7		30.7	
MIN	4.3	2.2	2.4	2.8	3.5	3.8	3.8	4.6	3.8	5.5	6.3	5.7	5.8	5.3	5.6	5.3	5.7	4.6	3.1	1.6	4.3	5.2	3.7	4.6			1.6

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 10.0 mps

MAXIMUM 40M WIND GUST WAS 30.7 mps ON 5/ 4 AT 1300 MAXIMUM DAILY MEAN WAS 14.9 mps ON 5/26

MINIMUM 40M WIND GUST WAS 1.6 mps ON 5/29 AT 2000 MINIMUM DAILY MEAN WAS 5.8 mps ON 5/15

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

40M WIND GUST in mps for JUNE, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	12.8	11.6	12.1	10.3	11.7	11.4	10.8	12.5	12.9	13.8	12.9	13.2	13.3	13.2	13.9	12.3	16.2	10.9	10.0	7.9	8.9	10.1	11.4	13.8	12.0	16.2	7.9
02	11.7	9.0	9.5	9.6	8.9	6.2	5.8	6.9	6.7	7.7	8.1	9.2	10.4	10.6	13.7	11.1	10.6	10.7	9.6	10.7	11.0	15.7	13.8	14.5	10.1	15.7	5.8
03	13.2	12.0	9.1	9.0	8.9	9.3	11.4	11.0	11.6	12.5	10.3	10.2	10.0	10.3	10.4	9.2	10.3	11.5	12.2	12.1	10.9	9.7	8.1	8.1	10.5	13.2	8.1
04	9.3	9.8	7.6	5.9	6.3	6.1	4.6	6.0	8.4	7.4	7.6	9.1	8.2	10.8	10.6	12.6	9.5	18.4	21.8	16.9	11.6	8.5	8.7	10.0	9.8	21.8	4.6
05	9.6	7.5	5.0	6.7	9.0	9.9	5.0	5.0	4.6	5.5	6.3	6.3	8.2	7.6	7.6	7.3	8.4	7.9	6.8	8.9	11.3	10.8	8.7	8.3	7.6	11.3	4.6
06	8.3	7.4	8.7	10.2	10.6	11.9	14.6	16.0	15.2	16.7	16.4	15.2	14.0	13.1	10.8	8.6	8.9	6.2	14.3	13.5	14.3	14.1	12.4	10.9	12.2	16.7	6.2
07	9.7	9.4	9.6	12.4	12.0	12.7	11.8	10.3	13.2	13.9	12.2	11.5	10.4	10.0	8.6	8.8	8.7	15.0	15.6	15.1	13.3	12.2	11.7	12.5	11.7	15.6	8.6
08	11.6	13.9	12.9	12.3	10.9	10.3	13.0	11.5	11.6	11.7	11.3	10.9	11.2	11.6	10.9	11.9	10.9	11.2	12.9	11.9	10.9	10.1	9.9	9.8	11.5	13.9	9.8
09	9.2	9.1	8.8	7.5	7.7	6.9	6.1	7.6	7.9	8.3	9.8	12.5	10.3	14.3	14.4	13.4	13.3	12.3	11.4	9.5	8.5	11.9	12.4	11.4	10.2	14.4	6.1
10	11.8	8.8	7.4	6.9	4.9	6.1	6.9	7.5	12.5	14.6	14.4	14.8	16.9	16.8	15.4	15.8	15.1	12.5	12.7	8.7	9.6	9.5	8.1	6.7	11.0	16.9	4.9
11	6.3	12.4	6.4	6.1	5.6	5.3	4.9	4.7	8.2	8.9	7.1	7.6	5.9	6.0	7.2	5.2	5.5	7.7	7.0	10.7	11.9	11.4	12.4	10.8	7.7	12.4	4.7
12	13.4	11.0	9.7	8.2	7.7	7.7	12.4	11.5	14.2	15.2	14.1	13.3	14.4	14.6	13.5	15.4	16.4	16.0	28.0	26.1	16.8	16.6	15.5	11.5	14.3	28.0	7.7
13	10.6	19.4	15.5	14.5	13.9	12.5	13.2	15.1	15.9	15.0	14.2	15.6	14.0	11.5	13.3	11.7	16.2	16.1	11.9	5.8	6.7	6.4	6.4	6.3	12.6	19.4	5.8
14	8.4	8.8	9.3	8.5	8.5	7.9	9.0	10.1	12.7	13.5	11.7	10.4	11.4	11.6	13.5	14.7	15.1	20.9	17.7	10.9	10.3	11.4	10.5	8.9	11.5	20.9	7.9
15	10.7	15.2	13.7	11.5	10.2	10.6	10.2	9.9	10.8	12.5	9.6	11.0	11.6	9.9	13.0	13.4	13.5	14.4	12.3	11.5	12.0	15.1	11.6	11.8	11.9	15.2	9.6
16	11.0	12.0	11.6	11.3	11.2	10.0	10.1	9.6	9.8	10.8	9.1	12.5	9.3	11.2	12.2	13.2	13.2	11.3	12.7	13.2	10.5	12.2	12.0	12.1	11.3	13.2	9.1
17	9.7	10.0	10.9	10.9	7.1	4.8	6.2	8.9	8.5	7.7	8.6	8.2	10.7	9.8	11.1	11.4	10.9	10.0	8.3	9.6	10.9	10.9	11.6	12.0	9.5	12.0	4.8
18	14.1	12.9	10.1	10.1	9.4	7.9	9.5	9.5	10.3	10.4	9.3	8.6	7.7	9.6	11.6	12.5	7.4	14.4	17.1	14.5	15.5	18.2	16.8	14.7	11.8	18.2	7.4
19	13.0	14.3	11.7	12.7	9.3	9.0	10.3	9.8	8.4	7.9	7.7	9.2	9.9	11.2	11.5	11.4	13.8	15.8	16.4	16.0	16.2	16.0	15.3	13.7	12.1	16.4	7.7
20	16.2	16.4	12.4	12.3	11.9	12.5	14.1	14.4	13.2	12.3	10.9	11.3	10.2	10.0	11.6	11.2	12.6	12.4	12.9	13.8	11.8	12.1	10.8	11.0	12.4	16.4	10.0
21	10.6	8.3	10.5	9.7	8.1	9.8	9.2	9.0	6.9	7.4	12.4	13.7	15.1	14.3	14.8	13.2	13.6	12.3	12.2	11.0	10.0	6.4	7.2	10.2	10.7	15.1	6.4
22	7.6	8.1	7.9	7.2	7.8	6.6	9.3	11.3	10.1	9.5	11.0	11.3	11.0	11.3	11.8	12.5	10.8	10.9	10.9	8.6	7.9	8.0	8.2	7.6	9.5	12.5	6.6
23	5.0	6.6	6.1	6.9	5.7	5.4	8.6	10.4	11.2	11.7	13.3	12.6	12.4	13.7	14.0	9.7	10.1	10.4	9.3	7.3	7.3	8.3	8.9	7.5	9.3	14.0	5.0
24	5.1	3.8	5.3	6.1	6.0	5.2	8.1	10.8	11.4	11.6	12.0	12.4	11.8	10.4	12.1	11.0	10.3	9.9	9.5	7.5	8.6	8.4	7.5	7.5	8.8	12.4	3.8
25	6.2	6.1	4.8	4.3	3.3	3.0	2.0	4.8	5.3	7.3	8.7	9.7	9.8	12.7	10.2	9.8	10.5	8.0	7.3	6.4	6.6	8.3	8.0	8.6	7.2	12.7	2.0
26	9.0	3.4	5.2	3.9	3.3	2.9	3.1	3.8	6.5	6.9	8.9	10.5	11.3	11.4	13.2	12.0	10.7	13.8	8.6	7.4	6.5	7.8	7.8	8.0	7.7	13.8	2.9
27	8.2	7.1	10.2	9.1	5.0	5.0	3.1	4.7	5.7	6.9	8.4	9.8	16.2	8.2	9.3	12.7	9.9	11.2	9.5	9.3	9.0	9.2	8.6	9.0	8.6	16.2	3.1
28	8.2	7.5	7.6	7.9	7.7	7.1	10.6	10.9	9.7	9.3	10.9	10.7	9.4	10.1	12.0	11.4	9.6	10.5	9.5	8.6	8.7	8.7	8.1	7.7	9.3	12.0	7.1
29	6.7	6.8	6.8	7.6	6.3	5.8	8.9	10.0	10.1	10.6	10.8	9.3	9.4	9.3	9.1	9.6	8.3	9.7	8.6	8.3	9.8	7.7	8.9	7.8	8.6	10.8	5.8
30	7.0	6.7	8.9	8.9	10.7	8.6	7.0	8.6	10.5	10.9	11.2	10.5	12.4	11.4	13.3	13.7	13.1	11.6	8.9	7.9	9.3	9.2	10.1	9.3	10.0	13.7	6.7
MEAN	9.8	9.8	9.2	8.9	8.3	7.9	8.7	9.4	10.1	10.6	10.6	11.0	11.2	11.2	11.8	11.6	11.5	12.1	12.2	11.0	10.6	10.8	10.4	10.1	10.4		
MAX	16.2	19.4	15.5	14.5	13.9	12.7	14.6	16.0	15.9	16.7	16.4	15.6	16.9	16.8	15.4	15.8	16.4	20.9	28.0	26.1	16.8	18.2	16.8	14.7		28.0	
MIN	5.0	3.4	4.8	3.9	3.3	2.9	2.0	3.8	4.6	5.5	6.3	6.3	5.9	6.0	7.2	5.2	5.5	6.2	6.8	5.8	6.5	6.4	6.4	6.3			2.0

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 10.4 mps

MAXIMUM 40M WIND GUST WAS 28.0 mps ON 6/12 AT 1900

MAXIMUM DAILY MEAN WAS 14.3 mps ON 6/12

MINIMUM 40M WIND GUST WAS 2.0 mps ON 6/25 AT 700

MINIMUM DAILY MEAN WAS 7.2 mps ON 6/25

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

Appendix C
Temperature Information for 10- and 40-Meter Levels for April through June 2012

C.1 Hourly Temperature

C.2 Vertical Temperature Difference

C.3 Atmospheric Stability

Appendix C.1
Hourly Temperature

National Enrichment Facility

10M TEMPERATURE in Deg C for APRIL, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	19.7	19.3	17.8	15.1	13.8	12.6	12.7	16.2	20.9	27.4	28.6	29.7	30.1	30.7	30.7	30.3	29.9	29.0	25.5	21.9	21.0	20.5	19.0	18.9	22.6	30.7	12.6
02	17.3	14.8	13.7	13.2	12.7	12.4	14.3	19.9	20.7	20.8	21.3	21.6	21.1	20.7	20.5	20.1	19.7	18.4	16.4	14.8	13.8	12.9	9.8	9.8	16.7	21.6	9.8
03	8.6	6.4	6.2	6.8	6.5	5.2	7.1	10.9	13.0	13.7	15.2	15.8	16.5	17.4	18.2	18.2	18.1	17.3	15.3	13.6	12.5	11.5	10.7	8.9	12.2	18.2	5.2
04	7.7	6.1	5.5	4.7	3.9	4.3	5.6	8.7	11.1	13.5	15.7	18.4	20.5	22.1	22.9	23.5	24.1	23.6	22.1	19.1	19.1	19.8	19.2	16.4	14.9	24.1	3.9
05	14.9	13.1	12.3	10.8	9.4	8.8	10.7	13.8	17.0	20.4	23.5	25.9	27.6	29.0	29.6	30.1	30.1	29.0	26.3	24.2	21.6	20.8	19.4	17.9	20.3	30.1	8.8
06	16.4	15.3	14.2	13.0	11.9	10.7	11.7	15.2	18.2	21.0	24.1	26.1	27.6	28.2	29.1	29.4	29.1	28.4	25.8	23.0	21.2	21.3	20.2	19.0	20.8	29.4	10.7
07	18.2	17.2	16.8	16.4	15.5	14.9	15.2	16.9	19.7	22.7	24.5	23.7	23.0	23.1	22.5	22.3	20.9	19.5	17.7	16.3	15.7	15.2	14.4	13.4	18.6	24.5	13.4
08	13.7	13.3	12.0	10.1	10.1	9.8	11.2	12.6	13.8	15.7	17.8	19.1	20.7	21.9	22.6	23.0	23.3	23.2	22.1	19.7	17.8	16.4	15.9	15.0	16.7	23.3	9.8
09	14.8	13.9	14.0	14.1	14.3	13.8	14.2	16.8	19.1	20.7	22.1	23.3	25.1	26.5	26.5	26.5	25.7	24.7	20.6	19.7	19.1	17.7	17.3	17.2	19.5	26.5	13.8
10	16.2	15.9	14.9	14.5	14.3	13.7	14.4	17.1	19.4	21.5	23.6	25.2	26.3	27.0	27.7	27.8	27.3	26.4	24.7	23.4	22.1	20.9	19.9	19.2	21.0	27.8	13.7
11	18.0	17.1	16.2	15.6	15.2	15.5	15.6	17.5	18.6	20.2	22.2	23.2	24.2	25.4	25.4	24.5	22.5	20.8	19.7	18.2	17.6	17.5	17.3	16.8	19.4	25.4	15.2
12	16.3	15.6	15.3	15.5	15.1	14.4	14.9	15.9	17.6	21.0	23.5	24.8	26.0	26.8	27.3	27.7	27.7	27.1	24.9	22.9	21.9	20.6	18.6	18.0	20.8	27.7	14.4
13	17.0	16.6	15.7	14.5	14.5	15.4	16.0	16.5	17.9	21.8	23.9	25.3	26.2	27.1	27.3	27.7	27.9	27.5	24.9	23.5	22.4	20.7	20.0	20.1	21.3	27.9	14.5
14	19.3	18.7	18.4	17.8	16.7	15.6	16.6	19.4	21.9	24.0	26.1	27.4	28.5	29.5	30.0	30.3	30.3	29.8	27.7	24.4	21.7	19.4	17.0	13.6	22.7	30.3	13.6
15	11.8	10.6	9.4	8.9	8.0	6.9	8.9	10.9	12.7	14.0	15.4	16.5	17.4	18.3	19.0	20.1	20.5	20.3	18.5	15.8	14.0	14.2	14.1	11.5	14.1	20.5	6.9
16	10.3	9.1	8.6	7.4	6.8	7.5	9.3	12.6	15.1	17.5	19.1	20.4	21.0	21.8	22.4	22.6	22.9	22.3	21.3	20.5	18.3	14.9	14.2	13.5	15.8	22.9	6.8
17	12.3	10.8	10.6	10.1	9.8	9.3	11.1	14.7	17.6	19.4	21.4	23.0	23.7	24.3	24.7	25.0	25.2	24.7	22.7	20.2	19.0	17.7	16.2	15.2	17.9	25.2	9.3
18	15.8	14.8	13.5	12.8	11.9	13.2	15.0	17.5	19.8	22.1	24.6	26.4	27.8	28.8	29.8	30.7	30.9	29.9	27.0	24.9	23.2	21.7	20.6	19.4	21.8	30.9	11.9
19	18.4	17.4	15.8	14.7	14.3	13.6	14.8	17.9	22.9	27.3	28.7	29.0	28.9	30.0	30.4	29.9	29.3	29.2	25.7	22.2	19.7	18.4	17.7	17.6	22.2	30.4	13.6
20	17.5	17.3	16.7	15.3	12.4	11.8	13.1	15.2	17.2	18.5	19.9	21.2	21.9	22.4	23.2	23.4	23.3	22.8	21.2	19.2	17.9	16.7	15.9	15.3	18.3	23.4	11.8
21	13.6	12.1	11.3	10.4	9.5	9.7	11.6	15.2	18.0	20.5	22.8	24.4	25.8	27.1	27.9	28.7	29.1	28.7	26.6	24.3	22.7	22.2	20.0	18.8	20.0	29.1	9.5
22	18.3	17.4	17.0	16.4	16.1	16.5	17.1	20.2	22.8	25.5	27.7	28.4	28.9	29.9	30.2	30.2	29.9	29.4	27.6	25.3	23.7	22.2	19.8	17.6	23.3	30.2	16.1
23	16.1	15.1	14.0	12.9	12.1	11.6	13.0	14.9	16.6	17.3	18.6	20.1	21.9	23.1	24.2	25.1	25.5	25.4	23.8	21.9	20.8	19.8	19.2	18.2	18.8	25.5	11.6
24	18.0	17.1	15.7	14.5	15.6	15.4	15.7	17.7	20.3	23.3	26.5	29.3	31.1	32.3	32.9	33.4	33.4	32.2	30.0	27.2	25.9	24.2	22.4	22.1	24.0	33.4	14.5
25	20.7	19.5	18.5	17.4	16.1	15.7	18.1	23.2	29.1	32.1	34.0	35.0	35.4	35.7	35.7	36.1	35.9	34.9	31.8	30.3	28.7	27.8	25.5	23.0	27.5	36.1	15.7
26	21.5	19.9	19.0	18.8	17.9	17.1	20.6	26.6	27.5	29.5	31.5	32.1	32.3	32.5	32.9	33.5	33.3	32.9	30.3	26.6	24.5	23.5	21.6	23.0	26.2	33.5	17.1
27	23.4	24.8	21.7	20.0	16.0	15.1	16.7	18.8	21.6	24.4	26.3	27.9	29.2	30.2	31.1	31.6	31.5	31.3	29.2	27.2	24.2	22.7	21.6	20.8	24.5	31.6	15.1
28	21.7	18.2	17.2	17.3	11.8	12.6	20.3	23.1	23.6	25.3	26.9	28.4	29.4	30.4	31.1	31.6	31.8	31.5	29.8	27.9	25.0	22.9	21.7	20.9	24.2	31.8	11.8
29	19.6	19.4	18.4	17.3	16.2	16.8	17.9	19.5	20.8	22.8	24.5	26.0	27.6	28.8	29.8	29.9	30.0	28.9	25.2	23.2	21.9	20.9	20.1	19.3	22.7	30.0	16.2
30	18.7	18.0	17.1	16.6	16.0	15.5	16.9	19.8	22.4	25.4	28.1	29.9	31.0	31.5	32.1	32.4	32.6	29.9	27.8	25.7	24.1	22.0	20.7	20.1	23.9	32.6	15.5
MEAN	16.5	15.5	14.6	13.8	12.8	12.5	14.0	16.8	19.2	21.6	23.6	24.9	25.9	26.7	27.3	27.5	27.4	26.6	24.4	22.2	20.7	19.6	18.3	17.3	20.4		
MAX	23.4	24.8	21.7	20.0	17.9	17.1	20.6	26.6	29.1	32.1	34.0	35.0	35.4	35.7	35.7	36.1	35.9	34.9	31.8	30.3	28.7	27.8	25.5	23.0		36.1	
MIN	7.7	6.1	5.5	4.7	3.9	4.3	5.6	8.7	11.1	13.5	15.2	15.8	16.5	17.4	18.2	18.2	18.1	17.3	15.3	13.6	12.5	11.5	9.8	8.9			3.9

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 20.4 Deg C

MAXIMUM 10M TEMPERATURE WAS 36.1 Deg C ON 4/25 AT 1600 MAXIMUM DAILY MEAN WAS 27.5 Deg C ON 4/25

MINIMUM 10M TEMPERATURE WAS 3.9 Deg C ON 4/ 4 AT 500 MINIMUM DAILY MEAN WAS 12.2 Deg C ON 4/ 3

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

10M TEMPERATURE in Deg C for MAY, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	20.2	20.0	19.2	17.1	15.8	15.3	18.2	20.8	24.1	27.6	30.3	31.8	33.4	33.9	33.9	33.8	33.7	33.1	30.8	27.5	24.6	22.8	21.5	20.2	25.4	33.9	15.3
02	19.3	18.7	17.8	16.8	15.8	16.0	16.7	17.8	23.7	28.5	30.9	32.0	32.8	33.1	33.8	33.9	33.5	31.9	29.5	26.9	24.7	24.8	23.8	21.8	25.2	33.9	15.8
03	19.8	18.9	18.3	18.8	18.6	17.2	18.5	22.5	27.8	29.5	30.4	31.2	31.7	32.3	32.5	32.7	32.7	31.8	30.4	26.6	25.1	24.4	23.3	22.5	25.7	32.7	17.2
04	20.8	19.1	19.1	18.3	17.5	17.2	19.3	25.3	29.5	30.8	31.8	32.4	33.0	33.8	33.9	33.8	33.6	33.0	30.5	27.1	26.2	25.6	24.7	23.1	26.6	33.9	17.2
05	21.3	19.0	17.3	16.9	16.5	15.4	15.8	21.7	26.4	30.9	32.0	32.9	33.2	32.9	32.9	33.2	32.0	31.2	29.5	26.6	24.8	21.8	21.0	21.1	25.3	33.2	15.4
06	20.4	20.5	19.1	19.6	18.3	19.3	22.0	26.1	28.0	29.2	29.3	29.4	30.3	30.9	32.0	32.6	32.5	31.6	29.1	26.1	25.1	23.6	21.8	19.9	25.7	32.6	18.3
07	18.4	17.1	16.1	15.3	14.9	14.9	16.7	18.4	19.4	20.1	21.2	22.5	23.4	24.7	25.6	25.8	25.0	22.9	20.3	15.9	15.2	15.7	14.3	13.4	19.1	25.8	13.4
08	14.2	14.1	14.2	13.5	12.3	12.0	11.5	11.5	12.2	13.3	14.6	15.9	16.9	17.6	18.0	18.2	17.8	17.0	16.7	16.3	15.9	15.2	14.7	14.2	14.9	18.2	11.5
09	13.8	13.7	13.4	13.0	12.6	12.4	14.1	15.7	16.6	17.1	18.3	19.8	21.0	21.7	22.4	22.8	22.7	22.7	22.4	21.6	20.5	18.8	18.1	17.1	18.0	22.8	12.4
10	16.3	15.1	14.4	13.9	13.1	12.9	13.2	12.9	12.9	13.2	14.6	15.5	15.9	16.7	14.3	12.5	11.9	11.9	12.0	12.7	13.1	13.3	13.1	13.1	13.7	16.7	11.9
11	12.9	12.8	12.7	12.3	11.6	11.3	12.1	13.1	15.2	15.9	16.6	17.7	18.2	18.6	19.2	19.3	19.4	18.8	17.7	15.2	14.1	13.3	12.6	11.8	15.1	19.4	11.3
12	11.4	11.4	10.9	10.2	9.8	9.8	11.4	12.5	13.7	14.6	16.0	17.3	19.1	20.2	21.1	21.5	21.6	21.2	20.0	18.3	17.1	16.7	16.0	15.5	15.7	21.6	9.8
13	14.7	14.6	13.7	13.1	13.1	13.4	14.4	16.2	17.2	18.2	19.2	19.6	20.4	21.0	21.3	22.0	21.6	20.6	19.4	18.2	15.5	15.6	15.5	15.3	17.2	22.0	13.1
14	15.2	15.1	14.4	13.3	13.9	14.3	14.5	14.5	14.8	14.9	14.9	14.7	17.4	18.6	17.4	14.6	14.1	13.9	13.6	12.8	12.2	12.1	12.2	12.1	14.4	18.6	12.1
15	11.8	11.2	10.0	9.4	8.8	9.4	12.5	15.1	17.1	18.4	19.4	20.3	21.3	22.2	23.1	23.4	23.9	23.6	22.9	20.6	19.0	17.9	16.9	16.4	17.3	23.9	8.8
16	15.8	15.5	15.3	14.2	13.0	13.3	16.3	20.0	22.2	23.0	23.6	24.5	25.3	25.8	26.3	26.4	26.2	26.0	24.5	21.9	20.1	19.0	19.5	18.5	20.7	26.4	13.0
17	16.3	15.6	15.2	15.3	15.3	15.3	17.5	20.7	22.2	23.5	25.0	26.4	27.5	28.3	29.0	29.3	29.2	28.3	26.5	24.2	22.8	22.1	20.9	19.9	22.3	29.3	15.2
18	19.0	18.1	17.5	17.1	16.2	15.7	17.9	20.7	24.1	27.2	29.8	31.9	33.4	34.0	34.4	34.6	34.4	32.5	28.6	26.1	24.3	22.8	21.9	21.2	25.1	34.6	15.7
19	20.6	19.9	19.0	18.1	17.0	16.5	18.7	21.6	25.0	28.2	29.5	30.9	32.0	32.3	32.4	32.8	33.1	32.5	30.5	28.0	25.5	23.8	22.0	21.3	25.5	33.1	16.5
20	20.5	19.5	18.9	18.5	18.2	18.6	20.3	22.2	22.8	23.8	25.0	26.5	27.3	27.7	28.0	28.0	27.9	27.5	26.8	25.7	24.1	23.4	22.8	21.6	23.6	28.0	18.2
21	20.4	19.9	19.2	18.4	17.8	17.9	20.0	21.3	22.3	23.7	25.2	26.2	27.0	27.4	27.9	28.0	27.9	27.2	26.2	24.7	23.6	22.2	21.4	20.3	23.2	28.0	17.8
22	19.7	19.2	17.1	16.5	16.2	17.6	19.9	21.3	23.2	25.1	26.5	28.2	29.7	30.6	31.1	31.8	32.0	30.8	28.9	27.0	25.5	24.2	23.0	21.6	24.4	32.0	16.2
23	21.3	20.5	19.6	17.9	16.8	16.4	18.6	23.4	29.3	31.5	32.9	34.1	35.1	35.7	36.3	36.5	36.3	35.6	33.0	29.7	26.9	25.5	29.2	28.7	28.0	36.5	16.4
24	28.6	25.0	22.3	22.2	23.6	25.3	26.7	28.4	29.8	30.9	32.0	33.2	33.6	34.3	34.6	34.9	35.0	34.5	32.4	29.5	27.8	25.8	26.3	25.0	29.2	35.0	22.2
25	23.8	22.6	22.0	21.3	20.2	19.3	21.4	27.8	31.0	31.9	32.0	32.6	33.9	34.3	34.5	34.3	34.0	32.4	30.1	27.4	25.2	25.9	25.8	25.1	27.9	34.5	19.3
26	23.8	23.4	22.8	21.6	21.1	21.0	22.8	23.9	24.4	25.6	27.3	28.7	29.7	30.0	30.6	31.0	30.5	29.0	26.4	25.4	24.3	18.6	18.1	19.2	25.0	31.0	18.1
27	19.4	19.4	19.9	19.3	19.0	18.8	20.0	21.5	23.2	25.3	27.1	29.3	30.4	31.3	31.7	32.1	32.2	31.3	28.6	26.5	25.3	24.0	23.0	21.9	25.0	32.2	18.8
28	21.4	20.8	20.7	20.7	20.3	19.4	21.1	22.8	24.4	26.3	28.6	30.5	31.6	32.2	32.7	33.0	33.0	32.5	31.2	30.0	27.8	25.6	24.1	23.3	26.4	33.0	19.4
29	23.2	22.8	21.5	20.2	19.3	18.6	20.0	22.5	25.6	29.0	31.4	33.0	33.8	34.6	34.9	34.9	34.7	34.1	32.8	31.5	30.0	24.0	23.6	23.8	27.5	34.9	18.6
30	22.0	20.3	19.4	20.1	19.7	18.6	20.6	24.4	28.6	30.8	31.9	33.5	34.3	34.7	35.0	35.0	35.2	34.5	33.0	28.6	25.7	23.4	20.8	22.2	27.2	35.2	18.6
31	21.4	20.0	17.9	17.7	16.8	17.3	19.2	21.1	22.6	24.3	26.0	26.9	27.6	27.8	28.4	28.5	28.2	27.7	26.7	25.2	24.1	23.2	22.5	21.8	23.5	28.5	16.8
MEAN	19.0	18.2	17.4	16.8	16.2	16.1	17.8	20.2	22.6	24.3	25.6	26.7	27.8	28.4	28.7	28.7	28.6	27.8	26.2	24.0	22.4	21.1	20.5	19.8	22.7		
MAX	28.6	25.0	22.8	22.2	23.6	25.3	26.7	28.4	31.0	31.9	32.9	34.1	35.1	35.7	36.3	36.5	36.3	35.6	33.0	31.5	30.0	25.9	29.2	28.7		36.5	
MIN	11.4	11.2	10.0	9.4	8.8	9.4	11.4	11.5	12.2	13.2	14.6	14.7	15.9	16.7	14.3	12.5	11.9	11.9	12.0	12.7	12.2	12.1	12.2	11.8			8.8

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 22.7 Deg C

MAXIMUM 10M TEMPERATURE WAS 36.5 Deg C ON 5/23 AT 1600 MAXIMUM DAILY MEAN WAS 29.2 Deg C ON 5/24

MINIMUM 10M TEMPERATURE WAS 8.8 Deg C ON 5/15 AT 500 MINIMUM DAILY MEAN WAS 13.7 Deg C ON 5/10

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

10M TEMPERATURE in Deg C for JUNE, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	21.1	20.0	19.5	18.9	18.7	18.6	19.2	20.3	22.0	23.7	25.0	26.4	27.5	28.5	29.5	30.3	30.5	30.0	28.8	26.3	25.1	23.1	23.1	23.1	24.1	30.5	18.6
02	22.2	21.3	20.8	20.5	20.2	19.8	21.0	22.9	25.9	28.2	29.9	31.6	32.6	33.3	33.9	34.0	33.7	33.0	31.7	30.0	28.6	27.7	26.5	25.5	27.3	34.0	19.8
03	24.7	24.5	23.8	23.0	21.6	21.1	23.8	26.6	28.4	30.8	32.4	33.6	34.6	35.3	36.0	36.2	36.2	34.7	32.3	29.9	28.0	26.2	24.9	23.9	28.9	36.2	21.1
04	23.7	23.4	22.4	21.7	20.4	19.5	22.3	24.3	26.2	28.3	30.8	32.6	34.0	35.3	35.5	35.9	35.3	29.8	22.8	23.3	23.5	23.0	22.3	21.5	26.6	35.9	19.5
05	20.4	19.3	18.4	18.1	17.9	18.4	19.6	21.5	23.1	24.3	25.4	26.2	27.4	28.7	29.4	29.9	30.1	29.8	29.4	27.7	25.9	25.0	24.1	23.2	24.3	30.1	17.9
06	22.2	21.4	20.7	19.9	19.4	19.8	21.9	23.1	25.2	25.8	27.5	28.5	29.8	31.5	33.0	33.6	34.0	33.7	29.6	26.6	24.2	23.2	22.8	22.3	25.8	34.0	19.4
07	21.5	20.4	19.6	18.5	17.9	18.0	19.5	21.5	23.4	25.1	27.0	29.1	31.1	32.3	32.9	33.2	33.2	32.7	30.2	27.8	26.5	24.9	23.7	20.5	25.4	33.2	17.9
08	19.3	18.9	18.3	17.9	17.7	17.8	18.8	20.5	22.0	23.5	24.9	26.2	27.7	28.9	29.6	30.3	30.4	30.1	29.1	27.7	26.5	25.2	24.2	23.2	24.1	30.4	17.7
09	22.3	21.3	20.2	19.1	18.5	18.5	20.6	23.8	26.5	29.7	33.6	35.3	36.0	37.4	38.1	38.0	37.8	37.3	35.1	31.6	29.1	27.6	26.5	26.6	28.8	38.1	18.5
10	25.4	24.3	23.1	22.0	20.9	19.7	22.0	26.8	32.5	34.4	35.0	36.1	36.9	36.9	37.3	37.3	36.9	36.3	34.7	31.6	28.4	27.4	26.6	26.1	29.9	37.3	19.7
11	25.5	25.1	24.2	23.9	22.8	22.2	24.8	28.2	31.5	33.1	33.8	34.4	35.2	36.1	36.4	36.5	36.7	36.3	34.9	32.9	30.9	28.6	26.9	25.0	30.2	36.7	22.2
12	23.6	23.2	21.9	21.4	20.6	21.0	22.7	24.7	25.9	26.3	27.6	29.7	31.0	31.6	32.3	32.9	33.6	32.7	22.7	18.6	22.1	23.4	23.4	22.0	25.6	33.6	18.6
13	21.5	21.3	21.0	18.8	17.8	17.9	19.0	20.8	21.9	23.4	24.9	26.4	28.2	29.3	31.1	30.8	29.5	29.2	28.9	27.9	26.7	24.8	24.0	23.1	24.5	31.1	17.8
14	22.4	21.9	21.4	21.4	21.2	20.7	24.0	26.6	28.8	31.5	33.1	34.3	35.9	36.7	37.2	37.5	37.2	34.2	31.4	29.5	27.7	26.6	25.8	24.6	28.8	37.5	20.7
15	23.6	23.1	22.8	20.6	19.8	19.8	21.5	24.0	26.4	28.8	30.6	31.7	31.8	32.6	33.9	33.9	33.8	32.9	31.7	30.1	26.5	22.3	21.8	21.7	26.9	33.9	19.8
16	21.3	20.3	19.8	19.7	19.2	19.0	21.4	23.8	25.7	27.4	28.9	30.5	31.5	32.6	32.6	33.1	33.2	33.0	30.6	26.5	25.3	24.4	22.5	22.1	26.0	33.2	19.0
17	21.5	20.3	19.4	18.6	18.7	19.2	21.9	23.7	24.8	26.4	28.0	29.7	31.0	31.8	32.4	33.1	33.5	33.2	32.7	30.7	29.0	27.7	27.2	26.2	26.7	33.5	18.6
18	25.7	25.0	24.1	23.5	22.8	22.6	24.0	26.4	29.5	31.9	34.7	36.6	38.0	39.0	40.1	40.3	40.1	39.3	35.1	33.0	31.5	29.9	28.2	26.9	31.2	40.3	22.6
19	26.0	25.2	24.1	23.1	21.9	21.4	22.7	24.5	26.4	28.5	30.6	32.4	33.5	34.5	36.0	36.6	36.4	34.6	33.1	31.0	29.4	28.2	27.5	26.9	28.9	36.6	21.4
20	26.2	24.7	23.6	22.7	22.1	22.0	23.0	24.5	26.1	27.9	29.8	31.5	32.8	34.0	35.1	35.8	35.8	35.0	33.4	31.2	29.3	27.9	26.6	25.7	28.6	35.8	22.0
21	24.9	23.9	22.9	21.7	20.8	20.9	22.1	23.5	25.2	27.2	28.9	30.1	30.8	31.3	31.7	31.8	31.9	31.7	31.1	28.3	27.9	26.0	24.6	23.2	26.8	31.9	20.8
22	21.9	21.3	20.7	20.2	19.7	20.4	23.0	25.4	26.8	28.2	29.4	30.6	31.3	32.0	32.5	32.7	32.5	32.1	31.3	29.7	27.9	26.6	25.2	23.6	26.9	32.7	19.7
23	23.0	23.0	22.5	21.1	20.7	20.9	23.7	26.3	27.3	28.5	29.4	30.6	31.3	32.2	32.5	32.8	32.8	32.5	31.6	29.8	28.4	27.1	25.5	24.0	27.4	32.8	20.7
24	23.7	23.6	23.0	21.9	21.7	21.5	23.5	26.5	28.4	29.2	30.2	31.2	32.1	32.7	33.3	33.6	33.7	33.4	32.7	31.0	29.8	28.4	27.5	26.4	28.3	33.7	21.5
25	24.6	24.0	23.9	23.5	23.0	22.9	25.0	27.5	29.2	30.7	31.9	33.2	34.4	35.3	35.9	36.1	36.1	35.9	35.2	33.1	30.9	30.6	29.0	27.6	30.0	36.1	22.9
26	26.4	26.3	26.0	24.9	24.3	24.6	26.1	28.6	31.5	33.1	34.5	35.6	36.4	36.9	37.6	37.9	37.7	37.4	36.5	34.5	32.2	30.8	30.5	28.3	31.6	37.9	24.3
27	28.7	27.8	26.8	25.8	24.9	23.9	26.0	29.4	32.3	34.1	35.4	36.3	36.9	37.5	37.6	37.7	36.7	36.7	35.7	34.1	32.4	30.9	29.6	27.1	31.8	37.7	23.9
28	26.5	25.7	25.0	24.1	23.6	23.4	26.0	28.6	30.3	32.3	34.1	35.1	35.7	35.8	36.2	36.1	35.8	35.4	34.5	32.5	30.6	29.1	27.7	26.3	30.4	36.2	23.4
29	25.3	24.6	23.8	22.9	22.3	22.2	24.2	26.7	29.0	31.3	33.2	34.2	34.9	35.3	35.7	35.8	35.9	35.6	34.7	32.5	30.4	28.6	27.5	26.2	29.7	35.9	22.2
30	25.2	25.7	25.0	24.9	24.6	23.7	24.3	26.4	28.9	30.5	31.8	32.9	33.7	34.0	34.1	34.5	34.4	34.1	33.3	31.2	29.4	28.1	27.6	26.7	29.4	34.5	23.7
MEAN	23.7	23.0	22.3	21.5	20.9	20.7	22.6	24.9	27.0	28.8	30.4	31.8	32.8	33.6	34.3	34.6	34.5	33.8	31.8	29.7	28.1	26.8	25.8	24.6	27.8		
MAX	28.7	27.8	26.8	25.8	24.9	24.6	26.1	29.4	32.5	34.4	35.4	36.6	38.0	39.0	40.1	40.3	40.1	39.3	36.5	34.5	32.4	30.9	30.5	28.3		40.3	
MIN	19.3	18.9	18.3	17.9	17.7	17.8	18.8	20.3	21.9	23.4	24.9	26.2	27.4	28.5	29.4	29.9	29.5	29.2	22.7	18.6	22.1	22.3	21.8	20.5			17.7

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 27.8 Deg C

MAXIMUM 10M TEMPERATURE WAS 40.3 Deg C ON 6/18 AT 1600 MAXIMUM DAILY MEAN WAS 31.8 Deg C ON 6/27

MINIMUM 10M TEMPERATURE WAS 17.7 Deg C ON 6/ 8 AT 500 MINIMUM DAILY MEAN WAS 24.1 Deg C ON 6/ 8

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

40M TEMPERATURE in Deg C for APRIL, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	21.0	21.0	19.7	18.0	14.9	13.7	13.6	15.9	20.4	26.5	27.8	28.7	29.1	29.7	29.7	29.4	29.3	28.9	27.3	24.8	24.5	23.7	22.6	21.1	23.4	29.7	13.6
02	20.7	16.4	15.4	13.9	15.6	16.7	16.5	19.3	19.8	19.7	20.3	20.4	19.9	19.5	19.4	19.2	18.9	18.1	16.8	15.4	14.8	14.0	11.8	12.2	17.3	20.7	11.8
03	11.8	10.3	9.1	9.3	8.5	8.4	7.7	10.3	12.1	12.6	14.0	14.6	15.2	16.2	17.2	17.3	17.3	17.0	15.7	14.2	13.8	12.4	11.2	9.1	12.7	17.3	7.7
04	7.9	6.8	6.4	6.3	5.5	5.9	6.3	8.3	10.5	12.8	14.9	17.5	19.5	21.0	21.9	22.7	23.5	23.4	23.0	22.6	20.8	21.3	21.4	19.3	15.4	23.5	5.5
05	16.4	14.4	13.7	13.2	12.0	11.2	11.4	13.2	16.2	19.7	23.1	25.2	26.9	28.4	29.0	29.5	29.6	29.1	27.5	26.0	22.6	21.0	19.4	17.9	20.7	29.6	11.2
06	16.5	15.4	14.5	13.3	12.3	11.3	11.5	14.6	17.6	20.3	23.3	25.3	26.8	27.5	28.5	28.7	28.7	28.3	27.4	26.0	24.1	21.6	20.3	19.3	21.0	28.7	11.3
07	18.8	18.4	18.0	17.3	16.5	16.3	16.2	16.6	19.2	21.7	23.5	22.7	21.7	22.2	21.7	21.7	20.4	19.1	17.5	16.2	15.6	15.1	14.5	13.5	18.5	23.5	13.5
08	13.6	13.4	12.8	12.0	10.8	10.5	10.9	12.1	13.2	14.8	17.1	18.5	19.9	21.2	22.0	22.4	22.8	22.8	22.2	20.0	18.3	16.9	16.2	15.5	16.7	22.8	10.5
09	15.4	15.0	14.8	15.2	15.1	15.1	15.0	16.4	18.5	20.1	21.3	22.5	24.2	25.7	25.8	26.0	25.4	24.7	20.8	19.8	19.0	17.7	17.7	17.4	19.5	26.0	14.8
10	17.8	16.5	15.9	15.5	15.3	14.4	14.4	16.6	18.8	20.8	22.9	24.5	25.5	26.2	26.9	27.1	26.9	26.1	24.5	23.3	22.2	20.9	20.0	19.1	20.9	27.1	14.4
11	18.2	17.2	16.4	16.0	15.6	15.6	15.5	17.0	18.1	19.5	21.5	22.5	23.4	24.4	24.6	23.9	22.1	20.5	18.8	17.1	17.5	17.4	17.1	16.7	19.0	24.6	15.5
12	16.4	15.8	15.7	15.9	15.4	14.5	14.6	15.4	17.0	20.2	22.6	23.9	25.0	25.8	26.4	26.9	27.3	26.9	25.2	23.7	22.6	21.7	19.4	18.7	20.7	27.3	14.5
13	18.3	17.9	17.0	16.3	15.2	15.4	15.8	16.2	17.8	21.2	23.2	24.4	25.4	26.1	26.5	27.0	27.4	27.3	25.7	23.8	22.2	20.5	19.7	19.8	21.3	27.4	15.2
14	19.1	18.5	18.4	17.9	17.0	16.1	16.4	18.9	21.3	23.2	25.1	26.4	27.5	28.5	29.1	29.5	29.7	29.6	27.9	24.2	21.5	19.3	16.9	13.5	22.3	29.7	13.5
15	11.8	10.7	9.9	9.3	8.9	8.6	8.5	10.1	11.7	12.9	14.2	15.3	16.3	17.1	18.0	19.2	19.8	20.0	19.4	17.6	15.7	15.8	15.5	14.9	14.2	20.0	8.5
16	15.9	15.2	10.5	8.5	7.4	8.0	8.9	11.8	14.2	16.6	18.4	19.7	20.3	21.0	21.8	22.0	22.4	22.0	21.5	21.3	20.8	15.7	14.5	13.6	16.3	22.4	7.4
17	12.5	11.2	10.8	10.3	9.9	9.6	10.9	14.2	16.9	18.7	20.5	22.1	22.8	23.4	23.9	24.4	24.6	24.3	23.0	21.5	19.7	18.2	17.5	17.0	17.8	24.6	9.6
18	16.8	16.2	15.4	14.7	13.8	13.7	14.7	16.9	19.1	21.3	23.7	25.6	26.9	27.9	29.0	30.0	30.4	29.6	27.0	25.1	23.4	21.9	20.7	19.6	21.8	30.4	13.7
19	18.8	17.8	16.5	15.4	14.8	14.2	14.7	17.5	22.4	26.6	27.7	28.0	28.1	29.0	29.6	29.2	28.9	29.0	26.1	23.3	21.1	19.6	18.3	17.6	22.3	29.6	14.2
20	17.4	17.1	16.6	15.4	12.4	11.7	12.6	14.4	16.2	17.3	18.7	20.0	20.8	21.5	22.2	22.6	22.6	22.4	21.6	21.0	19.8	18.0	17.3	16.3	18.2	22.6	11.7
21	14.2	12.4	11.4	10.8	10.2	10.1	11.3	14.7	17.3	19.7	21.9	23.6	25.0	26.3	27.3	28.2	28.6	28.3	27.0	26.1	24.8	23.4	21.5	20.1	20.2	28.6	10.1
22	19.2	18.9	18.1	17.7	17.6	17.4	17.4	19.8	22.2	24.8	26.9	27.5	28.1	29.0	29.4	29.6	29.5	29.2	27.8	25.5	23.7	22.1	19.7	17.4	23.3	29.6	17.4
23	16.0	14.9	13.9	12.8	12.0	11.5	12.5	14.2	15.8	16.7	17.8	19.3	21.0	22.2	23.4	24.3	25.0	25.0	24.3	23.1	21.4	20.3	20.0	19.5	18.6	25.0	11.5
24	19.3	17.8	16.7	16.1	15.9	15.7	15.6	17.2	19.6	22.6	25.8	28.6	30.3	31.5	32.3	32.8	32.9	32.4	31.8	30.3	27.7	25.4	23.7	22.8	24.4	32.9	15.6
25	21.7	20.4	19.4	18.8	17.9	17.3	18.2	22.7	28.3	31.2	33.1	34.0	34.4	34.7	35.0	35.4	35.4	35.0	33.5	31.9	31.4	29.4	28.4	25.7	28.0	35.4	17.3
26	25.4	24.6	23.7	23.7	21.1	21.4	21.7	25.9	26.9	29.0	31.0	31.7	31.9	32.1	32.3	32.8	32.8	32.6	31.2	29.2	26.3	25.1	24.2	25.4	27.6	32.8	21.1
27	24.6	25.3	23.5	21.4	16.9	16.0	16.3	18.0	20.8	23.4	25.2	26.6	28.2	29.3	30.3	30.8	30.9	31.0	30.1	28.4	25.4	24.5	23.5	23.1	24.7	31.0	16.0
28	22.8	22.3	22.9	23.2	17.6	19.9	22.0	22.3	22.7	24.4	26.1	27.5	28.6	29.6	30.5	31.0	31.2	31.2	30.7	29.6	25.0	22.8	21.7	21.0	25.3	31.2	17.6
29	20.3	20.1	19.3	17.9	17.2	17.8	17.7	19.1	20.1	21.8	23.6	25.2	26.8	28.0	29.0	29.3	29.5	28.4	24.9	22.9	21.8	20.8	20.0	19.3	22.5	29.5	17.2
30	18.9	18.4	17.6	17.3	17.0	16.5	16.9	19.2	21.8	24.6	27.4	29.2	30.2	30.8	31.4	31.7	32.1	29.4	27.6	25.6	23.9	21.9	20.7	20.2	23.8	32.1	16.5
MEAN	17.6	16.7	15.8	15.1	14.0	13.8	14.2	16.3	18.5	20.8	22.7	24.0	25.0	25.9	26.5	26.8	26.9	26.4	24.9	23.3	21.7	20.3	19.2	18.2	20.6		
MAX	25.4	25.3	23.7	23.7	21.1	21.4	22.0	25.9	28.3	31.2	33.1	34.0	34.4	34.7	35.0	35.4	35.4	35.0	33.5	31.9	31.4	29.4	28.4	25.7		35.4	
MIN	7.9	6.8	6.4	6.3	5.5	5.9	6.3	8.3	10.5	12.6	14.0	14.6	15.2	16.2	17.2	17.3	17.3	17.0	15.7	14.2	13.8	12.4	11.2	9.1			5.5

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 20.6 Deg C

MAXIMUM 40M TEMPERATURE WAS 35.4 Deg C ON 4/25 AT 1700 MAXIMUM DAILY MEAN WAS 28.0 Deg C ON 4/25

MINIMUM 40M TEMPERATURE WAS 5.5 Deg C ON 4/ 4 AT 500 MINIMUM DAILY MEAN WAS 12.7 Deg C ON 4/ 3

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

40M TEMPERATURE in Deg C for MAY, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	20.4	20.2	19.5	18.3	17.3	16.4	17.8	20.3	23.4	26.8	29.4	30.7	32.2	32.8	32.8	32.9	33.0	32.7	31.3	28.0	24.5	22.7	21.5	20.4	25.2	33.0	16.4
02	19.4	18.8	18.3	17.6	16.4	16.0	16.5	17.4	23.1	27.8	30.2	31.2	31.8	32.2	32.8	33.0	32.7	31.6	30.0	28.0	26.3	27.2	24.7	21.8	25.2	33.0	16.0
03	20.5	19.5	19.5	19.8	21.7	20.5	20.4	22.3	27.0	28.6	29.4	30.2	30.8	31.5	31.8	32.0	32.1	31.6	30.9	29.2	27.5	26.8	24.2	22.8	26.3	32.1	19.5
04	21.5	20.8	20.8	19.3	18.5	18.1	19.4	24.8	28.8	30.0	30.9	31.4	32.0	32.7	32.9	32.9	32.9	32.7	31.4	29.6	28.4	27.6	26.6	24.9	27.0	32.9	18.1
05	23.5	20.8	19.2	17.9	17.2	15.7	15.4	22.3	25.9	30.1	31.1	31.8	32.1	32.1	32.2	32.5	31.6	30.9	29.7	27.6	26.6	23.9	23.3	23.5	25.7	32.5	15.4
06	22.5	21.7	20.9	21.2	20.1	21.1	22.2	25.5	27.2	28.2	28.2	28.5	29.5	30.2	31.1	31.9	31.9	31.2	29.6	28.0	26.5	25.0	21.9	19.9	26.0	31.9	19.9
07	18.4	17.1	16.1	15.2	14.8	14.7	16.1	17.6	18.4	19.2	20.1	21.3	22.2	23.7	24.7	25.0	24.5	22.4	19.9	15.6	14.8	15.1	13.9	13.0	18.5	25.0	13.0
08	13.5	12.8	13.7	12.6	11.7	11.7	10.4	11.1	11.6	12.6	13.8	15.2	16.0	16.7	17.2	17.5	17.3	16.6	16.5	16.3	15.9	15.2	14.6	14.0	14.4	17.5	10.4
09	13.6	13.5	13.4	13.3	13.2	13.3	13.7	15.0	16.0	16.4	17.6	18.8	20.2	21.0	21.7	22.2	22.3	22.3	22.1	21.5	20.5	18.5	17.8	17.2	17.7	22.3	13.2
10	15.8	14.1	13.7	13.5	12.8	12.6	12.7	12.7	12.6	12.5	13.9	14.9	15.4	16.2	13.7	12.2	11.5	11.6	11.8	12.5	13.2	13.1	12.4	12.6	13.3	16.2	11.5
11	12.7	12.6	12.5	12.3	12.0	11.8	11.9	12.6	14.6	15.3	15.8	17.0	17.4	17.7	18.6	18.7	18.6	18.3	17.6	15.1	14.1	13.2	12.5	11.9	14.8	18.7	11.8
12	11.4	11.3	10.8	10.1	9.9	9.8	11.0	11.9	13.0	13.9	15.2	16.5	18.1	19.4	20.2	20.8	20.9	20.7	20.0	18.5	17.5	17.3	16.6	15.5	15.4	20.9	9.8
13	14.8	14.5	13.9	13.4	13.6	13.5	14.1	15.7	16.5	17.4	18.6	19.1	19.7	20.4	20.6	21.5	21.1	20.3	19.3	17.5	13.7	13.7	15.1	15.2	16.8	21.5	13.4
14	15.2	15.2	14.7	14.3	13.9	14.1	14.3	14.1	13.7	14.2	14.8	14.6	17.0	17.9	16.8	14.2	12.3	13.6	13.4	12.8	12.5	12.5	12.4	12.5	14.2	17.9	12.3
15	12.3	11.4	10.7	10.5	10.1	10.7	12.1	14.5	16.6	17.9	18.8	19.8	20.7	21.7	22.5	22.8	23.3	23.2	22.8	21.4	20.6	19.3	18.1	17.6	17.5	23.3	10.1
16	18.2	17.4	16.1	16.6	16.6	16.8	16.5	19.4	21.5	22.4	22.9	23.8	24.6	25.1	25.6	25.8	25.8	25.6	24.8	24.1	22.8	22.8	22.5	20.7	21.6	25.8	16.1
17	18.4	16.9	15.7	16.2	16.5	16.7	17.5	20.2	21.5	22.7	24.3	25.6	26.6	27.5	28.2	28.6	28.6	28.0	26.6	24.6	23.1	22.2	20.9	19.9	22.4	28.6	15.7
18	19.0	18.2	17.6	17.2	16.6	16.0	17.5	20.2	23.5	26.5	29.0	31.1	32.5	33.1	33.6	33.9	33.9	32.1	28.5	26.1	24.2	22.8	21.9	21.2	24.8	33.9	16.0
19	20.6	20.1	19.5	18.7	17.9	16.9	18.3	21.1	24.4	27.4	28.8	30.2	31.0	31.4	31.7	32.3	32.6	32.2	31.5	29.8	25.7	23.8	22.2	21.4	25.4	32.6	16.9
20	20.8	20.2	19.7	19.4	19.1	20.2	19.8	21.4	21.8	22.9	24.0	25.4	26.2	26.6	27.1	27.3	27.3	27.1	26.5	25.5	24.0	23.3	22.7	21.6	23.3	27.3	19.1
21	20.9	20.3	19.6	19.0	18.5	18.0	19.6	20.6	21.6	22.9	24.2	25.3	26.1	26.5	27.1	27.2	27.2	26.8	26.0	24.7	23.8	22.7	21.7	20.7	23.0	27.2	18.0
22	20.3	19.9	19.5	18.3	18.5	18.2	19.5	20.7	22.6	24.2	25.6	27.2	28.8	29.8	30.3	31.1	31.5	30.4	28.8	27.0	25.5	24.2	23.2	22.0	24.5	31.5	18.2
23	21.5	20.7	19.8	18.5	17.5	17.0	18.4	23.0	28.8	30.9	32.0	33.1	34.1	34.7	35.3	35.7	35.7	35.4	34.2	32.2	29.9	28.4	30.2	29.6	28.2	35.7	17.0
24	29.4	26.3	25.0	24.8	25.5	25.8	26.4	27.7	28.9	29.9	30.9	32.0	32.5	33.2	33.6	34.2	34.4	34.1	32.9	31.4	30.0	28.4	26.8	25.4	29.6	34.4	24.8
25	24.6	24.2	23.0	22.4	21.9	21.2	23.3	27.3	30.2	31.0	31.3	31.9	33.0	33.4	33.7	33.6	33.4	32.0	30.0	27.2	25.0	25.8	25.7	25.2	27.9	33.7	21.2
26	24.0	23.8	23.2	21.8	21.5	20.9	22.4	23.3	23.7	24.7	26.4	27.7	28.8	29.1	29.7	30.3	29.9	28.5	26.2	25.1	23.4	17.9	18.6	19.4	24.6	30.3	17.9
27	19.4	19.9	20.6	19.8	19.3	18.9	19.7	21.0	22.7	24.7	26.4	28.5	29.6	30.5	31.0	31.5	31.8	31.0	28.5	26.4	25.6	24.6	23.3	22.2	24.9	31.8	18.9
28	21.7	21.4	21.1	21.0	20.9	20.7	20.8	22.3	23.8	25.7	27.8	29.7	30.9	31.6	32.0	32.4	32.4	32.3	31.7	31.0	30.2	27.8	26.3	25.7	26.7	32.4	20.7
29	24.1	23.1	21.6	20.4	19.8	19.2	19.7	22.0	25.0	28.5	30.7	32.2	32.9	33.6	34.1	34.2	34.2	34.0	33.6	33.0	32.5	29.7	29.2	26.8	28.1	34.2	19.2
30	23.8	21.8	21.3	21.5	20.6	19.3	20.4	23.9	28.0	30.1	31.1	32.6	33.3	33.8	34.2	34.4	34.7	34.5	33.8	31.4	27.9	25.5	25.2	22.8	27.7	34.7	19.3
31	22.6	21.7	19.0	18.6	17.2	17.2	18.6	20.3	21.5	23.2	24.9	26.0	26.6	26.8	27.4	27.7	27.5	27.2	26.5	25.2	24.1	23.1	22.4	21.8	23.2	27.7	17.2
MEAN	19.5	18.7	18.1	17.5	17.1	16.9	17.6	19.8	21.9	23.5	24.8	25.9	26.9	27.5	27.9	28.1	28.0	27.4	26.3	24.7	23.2	22.1	21.2	20.3	22.7		
MAX	29.4	26.3	25.0	24.8	25.5	25.8	26.4	27.7	30.2	31.0	32.0	33.1	34.1	34.7	35.3	35.7	35.7	35.4	34.2	33.0	32.5	29.7	30.2	29.6		35.7	
MIN	11.4	11.3	10.7	10.1	9.9	9.8	10.4	11.1	11.6	12.5	13.8	14.6	15.4	16.2	13.7	12.2	11.5	11.6	11.8	12.5	12.5	12.5	12.4	11.9			9.8

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 22.7 Deg C

MAXIMUM 40M TEMPERATURE WAS 35.7 Deg C ON 5/23 AT 1700 MAXIMUM DAILY MEAN WAS 29.6 Deg C ON 5/24

MINIMUM 40M TEMPERATURE WAS 9.8 Deg C ON 5/12 AT 600 MINIMUM DAILY MEAN WAS 13.3 Deg C ON 5/10

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

40M TEMPERATURE in Deg C for JUNE, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	20.9	19.9	19.3	18.7	18.4	18.3	18.7	19.6	21.3	22.9	24.1	25.4	26.5	27.6	28.7	29.6	29.9	29.7	28.9	27.6	26.8	24.4	23.5	23.1	23.9	29.9	18.3
02	22.1	21.3	20.8	20.5	20.1	19.7	20.6	22.4	25.2	27.5	29.2	30.8	31.7	32.5	33.2	33.4	33.3	32.7	31.7	30.2	28.7	27.7	26.4	25.4	27.0	33.4	19.7
03	24.7	24.4	23.8	23.2	22.1	21.5	23.6	26.1	27.7	30.1	31.6	32.8	33.8	34.5	35.3	35.6	35.8	34.3	32.1	29.9	28.1	26.5	25.5	24.3	28.6	35.8	21.5
04	23.9	23.6	23.1	22.5	21.6	21.4	22.1	23.8	25.3	27.4	29.9	31.7	33.2	34.4	34.8	35.1	34.9	29.5	22.5	23.1	23.4	22.9	22.1	21.3	26.4	35.1	21.3
05	20.1	19.0	18.5	18.3	18.0	18.3	19.1	20.9	22.6	23.7	24.8	25.6	26.7	28.0	28.8	29.3	29.6	29.3	29.2	27.7	25.8	25.0	24.1	23.3	24.0	29.6	18.0
06	22.4	21.8	21.8	20.3	19.4	19.6	21.5	22.4	24.4	25.0	26.6	27.5	28.8	30.6	32.3	33.0	33.4	33.4	29.4	26.5	24.0	23.1	22.7	22.2	25.5	33.4	19.4
07	21.5	20.6	19.9	18.8	17.9	17.7	18.9	20.7	22.4	24.2	26.1	28.2	30.2	31.4	32.1	32.4	32.6	32.2	29.8	27.5	26.3	24.7	23.5	20.2	25.0	32.6	17.7
08	19.0	18.6	18.0	17.7	17.5	17.5	18.4	19.8	21.2	22.6	23.9	25.3	26.8	27.9	28.7	29.5	29.7	29.6	28.8	27.5	26.3	25.0	24.0	23.1	23.6	29.7	17.5
09	22.3	21.5	20.4	19.5	18.9	18.5	20.2	23.3	25.8	29.0	32.7	34.5	35.2	36.4	37.0	37.2	37.3	37.0	36.0	34.9	32.1	30.2	27.1	26.7	28.9	37.3	18.5
10	25.5	24.5	23.5	22.7	21.7	20.8	21.7	26.3	31.7	33.5	34.0	35.0	35.8	35.8	36.3	36.3	36.2	35.9	34.9	33.1	31.7	30.0	29.2	28.5	30.2	36.3	20.8
11	27.6	27.3	26.7	25.6	25.1	25.4	25.7	27.8	30.9	32.3	33.0	33.7	34.5	35.4	35.8	36.0	36.3	36.0	35.5	34.5	31.0	28.8	27.1	25.1	30.7	36.3	25.1
12	23.7	23.2	22.1	21.7	21.3	21.0	22.2	23.9	24.9	25.2	26.6	28.5	29.9	30.8	31.5	32.2	33.0	32.4	22.4	18.7	22.1	23.4	23.5	22.1	25.3	33.0	18.7
13	21.6	21.5	20.9	18.6	17.6	17.7	18.6	20.3	21.4	22.7	24.1	25.6	27.4	28.7	30.6	30.5	29.3	29.0	28.8	28.0	26.9	26.0	25.8	24.9	24.4	30.6	17.6
14	24.4	23.3	22.8	22.2	21.8	21.3	23.8	26.1	28.1	30.6	32.2	33.6	35.0	35.8	36.3	36.7	36.7	33.7	31.2	29.8	28.2	27.4	26.0	25.0	28.8	36.7	21.3
15	24.1	23.3	22.9	20.5	19.7	19.5	21.1	23.4	25.7	28.1	29.8	30.9	30.9	31.9	33.0	33.3	33.3	32.6	31.5	30.1	26.5	22.1	22.2	21.6	26.6	33.3	19.5
16	21.1	20.2	19.8	19.7	19.2	18.8	20.9	23.2	25.0	26.6	28.1	29.6	30.8	31.7	31.8	32.4	32.5	32.5	30.4	26.3	25.1	24.1	22.2	21.9	25.6	32.5	18.8
17	21.5	20.2	19.6	18.6	18.7	19.5	21.5	23.1	24.2	25.7	27.3	28.9	30.2	30.9	31.6	32.3	32.9	32.8	32.5	31.1	29.2	27.9	27.4	26.3	26.4	32.9	18.6
18	25.6	25.0	24.2	23.5	22.9	22.6	23.6	25.8	28.8	31.1	34.0	35.8	37.2	38.3	39.3	39.5	39.5	38.9	34.9	32.9	31.5	29.7	28.0	26.8	30.8	39.5	22.6
19	26.0	25.1	24.1	23.1	22.0	21.3	22.3	23.9	25.7	27.7	29.8	31.5	32.7	33.6	35.1	35.9	35.8	34.3	32.8	30.8	29.3	28.1	27.4	26.8	28.5	35.9	21.3
20	26.1	24.6	23.4	22.6	22.0	21.7	22.5	23.8	25.3	27.1	28.9	30.6	31.9	33.2	34.2	35.0	35.2	34.5	33.1	31.2	29.4	27.9	26.7	25.9	28.2	35.2	21.7
21	25.1	24.1	23.1	21.9	21.0	20.7	21.6	22.9	24.5	26.3	27.8	29.0	29.7	30.4	30.9	31.1	31.3	31.2	30.8	28.0	27.8	26.3	25.1	23.5	26.4	31.3	20.7
22	22.1	21.5	21.0	20.6	20.3	20.4	22.6	24.8	26.1	27.4	28.5	29.5	30.4	31.2	31.6	31.9	31.9	31.7	31.1	30.0	28.8	27.8	26.8	25.4	26.8	31.9	20.3
23	24.2	23.7	23.1	22.3	21.8	21.7	23.3	25.6	26.6	27.7	28.6	29.5	30.3	31.2	31.7	32.0	32.1	32.0	31.4	30.3	29.2	28.4	27.6	26.1	27.5	32.1	21.7
24	24.7	24.4	23.8	22.6	22.7	22.3	23.2	25.8	27.7	28.4	29.3	30.2	31.1	31.8	32.4	32.9	33.0	32.9	32.4	31.4	30.6	29.7	28.9	27.9	28.3	33.0	22.3
25	26.1	25.1	25.2	25.2	24.9	24.8	25.1	27.1	28.6	30.0	31.0	32.3	33.5	34.4	35.1	35.4	35.5	35.4	35.0	33.8	32.5	32.6	31.0	30.1	30.4	35.5	24.8
26	27.7	27.3	26.8	26.3	26.0	25.5	26.0	28.1	30.8	32.4	33.7	34.8	35.5	36.1	36.8	37.1	37.1	36.9	36.4	35.3	33.6	32.6	32.9	30.3	31.9	37.1	25.5
27	30.0	28.8	28.4	26.8	26.5	25.4	26.3	28.8	31.7	33.4	34.7	35.5	36.0	36.8	36.9	37.0	36.4	36.4	35.7	34.5	32.8	31.8	30.8	28.6	32.1	37.0	25.4
28	27.8	27.0	26.3	26.0	25.2	24.3	25.6	28.1	29.7	31.5	33.3	34.2	34.9	35.0	35.3	35.3	35.3	35.0	34.4	33.0	31.4	30.0	28.6	27.7	30.6	35.3	24.3
29	26.5	25.9	25.1	24.3	23.4	22.8	23.8	26.2	28.3	30.5	32.3	33.4	34.0	34.4	34.9	35.1	35.4	35.2	34.5	32.9	31.1	29.6	28.4	27.3	29.8	35.4	22.8
30	26.1	26.1	25.2	24.9	24.5	23.5	23.9	25.8	28.2	29.7	30.9	32.0	32.7	33.1	33.2	33.7	33.7	33.6	33.0	31.8	30.7	29.3	28.0	26.8	29.2	33.7	23.5
MEAN	24.1	23.4	22.8	22.0	21.4	21.1	22.3	24.3	26.3	28.0	29.6	30.9	31.9	32.8	33.5	33.9	34.0	33.4	31.7	30.1	28.7	27.4	26.4	25.3	27.7		
MAX	30.0	28.8	28.4	26.8	26.5	25.5	26.3	28.8	31.7	33.5	34.7	35.8	37.2	38.3	39.3	39.5	39.5	38.9	36.4	35.3	33.6	32.6	32.9	30.3		39.5	
MIN	19.0	18.6	18.0	17.7	17.5	17.5	18.4	19.6	21.2	22.6	23.9	25.3	26.5	27.6	28.7	29.3	29.3	29.0	22.4	18.7	22.1	22.1	22.1	20.2			17.5

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 27.7 Deg C

MAXIMUM 40M TEMPERATURE WAS 39.5 Deg C ON 6/18 AT 1600 MAXIMUM DAILY MEAN WAS 32.1 Deg C ON 6/27

MINIMUM 40M TEMPERATURE WAS 17.5 Deg C ON 6/ 8 AT 600 MINIMUM DAILY MEAN WAS 23.6 Deg C ON 6/ 8

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

Appendix C.2
Vertical Temperature Difference

National Enrichment Facility

Delta T between 40M and 10M in Deg C for APRIL, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX	MIN
01	1.3	1.7	1.9	2.9	1.1	1.1	0.9	-0.3	-0.5	-0.9	-0.9	-0.9	-1.0	-1.0	-1.0	-0.9	-0.6	-0.1	1.8	2.9	3.5	3.2	3.6	2.2	0.8	3.6	-1.0
02	3.4	1.6	1.7	0.7	2.9	4.3	2.2	-0.6	-1.0	-1.1	-1.1	-1.3	-1.2	-1.3	-1.1	-1.0	-0.7	-0.3	0.4	0.7	1.0	1.1	2.0	2.4	0.6	4.3	-1.3
03	3.2	3.8	2.9	2.5	2.0	3.2	0.6	-0.6	-0.9	-1.1	-1.3	-1.2	-1.2	-1.2	-1.0	-0.9	-0.7	-0.4	0.4	0.5	1.2	0.8	0.5	0.2	0.5	3.8	-1.3
04	0.2	0.7	0.9	1.6	1.5	1.7	0.7	-0.4	-0.6	-0.7	-0.8	-0.9	-0.9	-1.1	-1.0	-0.8	-0.6	-0.2	0.9	3.5	1.7	1.5	2.3	2.9	0.5	3.5	-1.1
05	1.6	1.4	1.5	2.4	2.6	2.5	0.6	-0.7	-0.8	-0.6	-0.5	-0.6	-0.7	-0.6	-0.6	-0.6	-0.5	0.1	1.2	1.8	1.1	0.2	0.0	-0.0	0.4	2.6	-0.8
06	0.0	0.1	0.3	0.3	0.4	0.7	-0.2	-0.6	-0.6	-0.7	-0.8	-0.8	-0.8	-0.7	-0.6	-0.7	-0.4	-0.1	1.6	3.0	2.9	0.3	0.2	0.3	0.1	3.0	-0.8
07	0.5	1.1	1.2	0.9	1.1	1.4	1.0	-0.3	-0.5	-0.9	-1.0	-1.0	-1.3	-0.9	-0.8	-0.6	-0.5	-0.3	-0.2	-0.1	-0.1	-0.1	0.0	0.1	-0.0	1.4	-1.3
08	-0.0	0.1	0.8	1.9	0.7	0.7	-0.2	-0.5	-0.6	-0.8	-0.7	-0.6	-0.7	-0.7	-0.6	-0.6	-0.6	-0.3	0.1	0.3	0.5	0.5	0.2	0.5	-0.0	1.9	-0.8
09	0.6	1.1	0.9	1.1	0.8	1.3	0.8	-0.4	-0.5	-0.7	-0.8	-0.8	-0.8	-0.8	-0.6	-0.5	-0.3	-0.1	0.2	0.0	-0.1	0.0	0.3	0.2	0.0	1.3	-0.8
10	1.5	0.6	1.0	0.9	1.0	0.7	0.1	-0.5	-0.6	-0.7	-0.7	-0.8	-0.9	-0.8	-0.8	-0.7	-0.5	-0.3	-0.1	-0.0	0.1	0.1	0.1	-0.1	-0.1	1.5	-0.9
11	0.1	0.2	0.2	0.4	0.4	0.1	-0.1	-0.5	-0.5	-0.7	-0.7	-0.8	-0.8	-0.9	-0.8	-0.6	-0.4	-0.3	-0.9	-1.1	-0.1	-0.2	-0.2	-0.0	-0.3	0.4	-1.1
12	0.0	0.2	0.4	0.4	0.2	0.1	-0.3	-0.4	-0.6	-0.8	-0.9	-0.9	-1.0	-1.0	-0.9	-0.8	-0.5	-0.2	0.3	0.8	0.7	1.1	0.8	0.8	-0.1	1.1	-1.0
13	1.3	1.4	1.3	1.8	0.7	-0.0	-0.2	-0.2	-0.0	-0.6	-0.8	-0.8	-0.8	-0.9	-0.8	-0.7	-0.5	-0.2	0.8	0.3	-0.2	-0.2	-0.3	-0.3	-0.0	1.8	-0.9
14	-0.3	-0.1	-0.0	0.1	0.3	0.6	-0.1	-0.5	-0.6	-0.8	-0.9	-1.0	-1.1	-1.0	-0.9	-0.8	-0.6	-0.2	0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.3	0.6	-1.1
15	-0.0	0.1	0.5	0.4	0.9	1.7	-0.3	-0.8	-1.0	-1.1	-1.1	-1.2	-1.2	-1.2	-1.0	-0.9	-0.7	-0.3	0.9	1.9	1.7	1.7	1.4	3.5	0.2	3.5	-1.2
16	5.5	6.1	1.9	1.0	0.6	0.6	-0.4	-0.8	-0.9	-0.9	-0.7	-0.7	-0.7	-0.8	-0.6	-0.6	-0.6	-0.3	0.3	0.8	2.5	0.9	0.2	0.2	0.5	6.1	-0.9
17	0.2	0.4	0.2	0.2	0.1	0.3	-0.2	-0.5	-0.7	-0.8	-0.9	-0.9	-0.9	-0.9	-0.8	-0.7	-0.6	-0.3	0.3	1.2	0.7	0.6	1.3	1.8	-0.0	1.8	-0.9
18	1.0	1.4	1.9	1.8	1.9	0.5	-0.3	-0.6	-0.7	-0.8	-0.8	-0.9	-0.8	-0.8	-0.8	-0.7	-0.5	-0.3	0.0	0.2	0.2	0.2	0.2	0.2	0.1	1.9	-0.9
19	0.3	0.4	0.7	0.7	0.5	0.6	-0.1	-0.4	-0.6	-0.7	-1.0	-1.0	-0.8	-1.0	-0.8	-0.7	-0.3	-0.2	0.4	1.1	1.4	1.1	0.7	0.0	0.0	1.4	-1.0
20	-0.1	-0.2	-0.1	0.1	0.0	-0.1	-0.5	-0.8	-1.0	-1.2	-1.2	-1.2	-1.1	-0.9	-1.0	-0.9	-0.7	-0.4	0.4	1.8	2.0	1.3	1.4	1.0	-0.1	2.0	-1.2
21	0.6	0.3	0.1	0.3	0.7	0.4	-0.3	-0.5	-0.7	-0.7	-0.9	-0.8	-0.8	-0.8	-0.7	-0.5	-0.5	-0.3	0.3	1.8	2.1	1.2	1.5	1.2	0.1	2.1	-0.9
22	1.0	1.5	1.1	1.4	1.5	1.0	0.3	-0.5	-0.7	-0.7	-0.8	-0.9	-0.9	-0.9	-0.7	-0.6	-0.4	-0.2	0.3	0.3	-0.0	-0.0	-0.2	-0.2	0.0	1.5	-0.9
23	-0.2	-0.2	-0.2	-0.1	-0.1	-0.1	-0.5	-0.7	-0.8	-0.6	-0.8	-0.8	-0.9	-0.9	-0.8	-0.8	-0.6	-0.4	0.5	1.2	0.6	0.6	0.9	1.3	-0.2	1.3	-0.9
24	1.3	0.7	0.9	1.6	0.4	0.3	-0.1	-0.5	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.6	-0.6	-0.5	0.2	1.7	3.2	1.7	1.2	1.3	0.8	0.4	3.2	-0.7
25	0.9	0.9	0.9	1.4	1.8	1.6	0.1	-0.5	-0.7	-1.0	-0.9	-1.0	-1.0	-1.0	-0.7	-0.7	-0.4	0.1	1.7	1.7	2.7	1.6	2.9	2.7	0.5	2.9	-1.0
26	3.9	4.8	4.7	4.8	3.3	4.2	1.0	-0.7	-0.6	-0.5	-0.5	-0.5	-0.5	-0.5	-0.6	-0.6	-0.5	-0.2	1.0	2.7	1.8	1.7	2.6	2.4	1.4	4.8	-0.7
27	1.2	0.4	1.8	1.5	0.9	1.0	-0.4	-0.8	-0.8	-1.0	-1.2	-1.2	-1.0	-0.8	-0.8	-0.8	-0.6	-0.3	1.0	1.3	1.3	1.7	1.8	2.3	0.3	2.3	-1.2
28	1.1	4.1	5.6	6.0	5.8	7.3	1.7	-0.8	-0.9	-0.9	-0.8	-0.9	-0.8	-0.7	-0.6	-0.6	-0.5	-0.3	0.9	1.7	0.0	-0.1	-0.0	0.1	1.1	7.3	-0.9
29	0.7	0.7	0.9	0.7	1.0	0.9	-0.2	-0.4	-0.7	-0.9	-0.9	-0.8	-0.8	-0.8	-0.8	-0.7	-0.5	-0.5	-0.4	-0.3	-0.2	-0.2	-0.1	0.0	-0.2	1.0	-0.9
30	0.2	0.4	0.5	0.7	1.0	1.0	-0.1	-0.5	-0.6	-0.7	-0.6	-0.7	-0.8	-0.7	-0.7	-0.7	-0.5	-0.5	-0.2	-0.0	-0.1	-0.1	-0.0	0.0	-0.2	1.0	-0.8
MEAN	1.0	1.2	1.2	1.3	1.2	1.3	0.2	-0.5	-0.7	-0.8	-0.9	-0.9	-0.9	-0.9	-0.8	-0.7	-0.5	-0.2	0.5	1.1	1.0	0.7	0.8	0.9	0.2		
MAX	5.5	6.1	5.6	6.0	5.8	7.3	2.2	-0.2	-0.0	-0.5	-0.5	-0.5	-0.5	-0.5	-0.6	-0.5	-0.3	0.2	1.8	3.5	3.5	3.2	3.6	3.5		7.3	
MIN	-0.3	-0.2	-0.2	-0.1	-0.1	-0.1	-0.5	-0.8	-1.0	-1.2	-1.3	-1.3	-1.3	-1.3	-1.1	-1.0	-0.7	-0.5	-0.9	-1.1	-0.2	-0.2	-0.3	-0.3			-1.3

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 0.2 DEG

MONTHLY MAXIMUM = 7.3 Deg C ON 4/28 AT 600
MONTHLY MINIMUM = -1.3 Deg C ON 4/ 7 AT 1300

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

Delta T between 40M and 10M in Deg C for MAY, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX	MIN
01	0.2	0.1	0.2	1.1	1.5	1.1	-0.4	-0.6	-0.7	-0.8	-0.9	-1.0	-1.1	-1.1	-1.1	-0.9	-0.7	-0.4	0.5	0.5	-0.1	-0.1	0.0	0.1	-0.2	1.5	-1.1
02	0.1	0.0	0.5	0.8	0.6	-0.1	-0.2	-0.3	-0.6	-0.7	-0.8	-0.8	-1.0	-1.0	-1.0	-0.9	-0.7	-0.4	0.4	1.1	1.7	2.4	0.8	0.1	0.0	2.4	-1.0
03	0.7	0.7	1.2	1.0	3.1	3.3	1.9	-0.3	-0.7	-0.9	-1.0	-1.0	-0.9	-0.9	-0.7	-0.6	-0.6	-0.2	0.5	2.7	2.5	2.3	0.9	0.4	0.6	3.3	-1.0
04	0.7	1.7	1.7	1.0	1.0	0.8	0.1	-0.5	-0.7	-0.8	-0.9	-0.9	-1.0	-1.2	-1.1	-0.9	-0.7	-0.4	0.9	2.5	2.2	2.0	1.9	1.8	0.4	2.5	-1.2
05	2.2	1.8	1.9	1.1	0.7	0.3	-0.4	0.6	-0.5	-0.8	-0.9	-1.0	-1.0	-0.8	-0.7	-0.7	-0.4	-0.3	0.2	1.1	1.8	2.0	2.3	2.4	0.4	2.4	-1.0
06	2.1	1.2	1.7	1.6	1.8	1.8	0.2	-0.7	-0.8	-1.0	-1.1	-0.9	-0.8	-0.7	-0.9	-0.7	-0.7	-0.4	0.5	1.9	1.4	1.3	0.1	-0.1	0.3	2.1	-1.1
07	-0.1	0.0	0.0	-0.1	-0.1	-0.2	-0.6	-0.9	-1.1	-0.9	-1.1	-1.2	-1.2	-1.1	-0.9	-0.8	-0.5	-0.5	-0.4	-0.3	-0.3	-0.6	-0.3	-0.4	-0.6	0.0	-1.2
08	-0.7	-1.2	-0.5	-0.9	-0.6	-0.3	-1.2	-0.4	-0.6	-0.7	-0.8	-0.7	-0.9	-0.9	-0.8	-0.7	-0.5	-0.4	-0.2	-0.0	-0.0	0.1	-0.1	-0.2	-0.6	0.1	-1.2
09	-0.2	-0.2	0.1	0.3	0.6	0.9	-0.4	-0.6	-0.6	-0.6	-0.7	-0.9	-0.9	-0.7	-0.7	-0.6	-0.5	-0.4	-0.2	-0.2	-0.1	-0.2	-0.3	0.1	-0.3	0.9	-0.9
10	-0.5	-1.0	-0.7	-0.4	-0.3	-0.3	-0.6	-0.3	-0.3	-0.7	-0.7	-0.5	-0.5	-0.5	-0.6	-0.3	-0.3	-0.3	-0.2	-0.2	0.0	-0.2	-0.7	-0.4	-0.4	0.0	-1.0
11	-0.2	-0.2	-0.2	-0.0	0.4	0.5	-0.3	-0.5	-0.6	-0.6	-0.8	-0.8	-0.8	-0.8	-0.7	-0.6	-0.7	-0.5	-0.1	-0.1	-0.0	-0.1	-0.1	0.1	-0.3	0.5	-0.8
12	-0.0	-0.1	-0.0	-0.1	0.1	0.0	-0.5	-0.6	-0.7	-0.7	-0.8	-0.8	-0.9	-0.8	-0.8	-0.8	-0.7	-0.5	-0.0	0.2	0.4	0.7	0.6	0.0	-0.3	0.7	-0.9
13	0.1	-0.0	0.3	0.3	0.5	0.1	-0.3	-0.6	-0.7	-0.8	-0.7	-0.5	-0.7	-0.6	-0.7	-0.5	-0.5	-0.3	-0.1	-0.7	-1.8	-1.9	-0.3	-0.1	-0.4	0.5	-1.9
14	0.0	0.1	0.3	0.9	-0.0	-0.2	-0.2	-0.5	-1.1	-0.7	-0.2	-0.2	-0.4	-0.7	-0.6	-0.5	-1.7	-0.4	-0.2	0.0	0.3	0.4	0.2	0.4	-0.2	0.9	-1.7
15	0.5	0.2	0.7	1.1	1.3	1.3	-0.4	-0.6	-0.5	-0.4	-0.6	-0.5	-0.6	-0.5	-0.6	-0.5	-0.5	-0.4	-0.0	0.8	1.6	1.4	1.2	1.3	0.2	1.6	-0.6
16	2.4	1.8	0.9	2.4	3.6	3.5	0.2	-0.5	-0.6	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.6	-0.5	-0.4	0.4	2.2	2.7	3.8	3.0	2.2	0.9	3.8	-0.7
17	2.1	1.3	0.5	0.9	1.3	1.3	-0.0	-0.5	-0.7	-0.8	-0.8	-0.8	-0.9	-0.8	-0.8	-0.7	-0.6	-0.3	0.1	0.4	0.3	0.0	-0.0	-0.0	0.0	2.1	-0.9
18	0.0	0.1	0.1	0.1	0.4	0.2	-0.4	-0.5	-0.6	-0.7	-0.7	-0.8	-0.9	-0.9	-0.8	-0.7	-0.5	-0.4	-0.1	0.0	-0.1	-0.1	-0.1	-0.0	-0.3	0.4	-0.9
19	0.0	0.2	0.4	0.6	0.9	0.5	-0.4	-0.5	-0.5	-0.7	-0.7	-0.7	-0.9	-1.0	-0.7	-0.6	-0.6	-0.3	1.0	1.9	0.1	0.0	0.2	0.1	-0.1	1.9	-1.0
20	0.3	0.6	0.8	0.9	0.9	1.7	-0.5	-0.8	-1.0	-1.0	-0.9	-1.1	-1.1	-1.1	-0.9	-0.8	-0.6	-0.4	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	1.7	-1.1
21	0.5	0.4	0.4	0.5	0.6	0.0	-0.4	-0.7	-0.7	-0.8	-1.0	-0.9	-0.9	-0.9	-0.8	-0.7	-0.6	-0.4	-0.1	0.1	0.2	0.5	0.3	0.3	-0.2	0.6	-1.0
22	0.5	0.7	2.4	1.8	2.3	0.6	-0.4	-0.6	-0.7	-0.8	-0.9	-0.9	-0.9	-0.8	-0.7	-0.7	-0.5	-0.4	-0.1	-0.0	-0.0	0.1	0.2	0.4	0.0	2.4	-0.9
23	0.2	0.2	0.3	0.7	0.7	0.7	-0.3	-0.4	-0.5	-0.6	-0.9	-1.1	-1.1	-1.0	-1.0	-0.8	-0.6	-0.2	1.2	2.5	3.0	2.9	1.0	0.9	0.2	3.0	-1.1
24	0.8	1.3	2.8	2.6	1.9	0.6	-0.3	-0.7	-0.9	-1.0	-1.1	-1.2	-1.1	-1.1	-1.0	-0.7	-0.6	-0.3	0.5	2.0	2.2	2.6	0.4	0.4	0.3	2.8	-1.2
25	0.9	1.5	1.0	1.1	1.8	1.9	1.9	-0.5	-0.8	-0.9	-0.7	-0.8	-0.9	-0.9	-0.8	-0.7	-0.6	-0.4	-0.1	-0.2	-0.2	-0.1	-0.1	0.0	0.1	1.9	-0.9
26	0.2	0.4	0.4	0.2	0.3	-0.2	-0.4	-0.6	-0.8	-0.9	-0.9	-1.0	-1.0	-0.9	-0.9	-0.8	-0.6	-0.5	-0.2	-0.3	-0.9	-0.7	0.5	0.1	-0.4	0.5	-1.0
27	0.0	0.5	0.7	0.5	0.3	0.0	-0.3	-0.5	-0.5	-0.6	-0.6	-0.8	-0.9	-0.8	-0.7	-0.6	-0.4	-0.3	-0.1	-0.0	0.3	0.6	0.3	0.3	-0.2	0.7	-0.9
28	0.3	0.5	0.3	0.3	0.6	1.2	-0.3	-0.5	-0.6	-0.6	-0.8	-0.7	-0.7	-0.6	-0.7	-0.7	-0.5	-0.2	0.5	1.0	2.5	2.2	2.2	2.4	0.3	2.5	-0.8
29	0.9	0.3	0.1	0.2	0.5	0.6	-0.3	-0.5	-0.5	-0.6	-0.7	-0.8	-0.9	-1.0	-0.8	-0.7	-0.5	-0.1	0.7	1.5	2.5	5.6	5.6	3.0	0.6	5.6	-1.0
30	1.8	1.5	1.9	1.5	0.9	0.7	-0.2	-0.5	-0.6	-0.7	-0.8	-0.9	-1.0	-0.9	-0.8	-0.6	-0.5	-0.0	0.8	2.8	2.3	2.2	4.4	0.6	0.6	4.4	-1.0
31	1.2	1.8	1.1	0.9	0.4	-0.2	-0.5	-0.8	-1.0	-1.1	-1.1	-0.9	-1.0	-1.1	-1.0	-0.8	-0.7	-0.5	-0.2	0.0	0.0	-0.1	-0.0	-0.1	-0.2	1.8	-1.1
MEAN	0.5	0.5	0.7	0.7	0.9	0.7	-0.2	-0.5	-0.7	-0.8	-0.8	-0.8	-0.9	-0.9	-0.8	-0.7	-0.6	-0.3	0.2	0.7	0.8	0.9	0.8	0.5	0.0		
MAX	2.4	1.8	2.8	2.6	3.6	3.5	1.9	0.6	-0.3	-0.4	-0.2	-0.2	-0.4	-0.5	-0.6	-0.3	-0.3	-0.0	1.2	2.8	3.0	5.6	5.6	3.0		5.6	
MIN	-0.7	-1.2	-0.7	-0.9	-0.6	-0.3	-1.2	-0.9	-1.1	-1.1	-1.1	-1.2	-1.2	-1.2	-1.1	-0.9	-1.7	-0.5	-0.4	-0.7	-1.8	-1.9	-0.7	-0.4			-1.9

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 0 DEG

MONTHLY MAXIMUM = 5.6 Deg C ON 5/29 AT 2200
MONTHLY MINIMUM = -1.9 Deg C ON 5/13 AT 2200

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

Delta T between 40M and 10M in Deg C for JUNE, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	MAX	MIN
01	-0.1	-0.1	-0.2	-0.2	-0.3	-0.3	-0.5	-0.7	-0.8	-0.8	-0.8	-0.9	-1.0	-0.9	-0.8	-0.7	-0.6	-0.3	0.1	1.3	1.7	1.3	0.4	-0.1	-0.2	1.7	-1.0
02	-0.1	-0.0	-0.0	-0.0	-0.1	-0.1	-0.4	-0.5	-0.6	-0.7	-0.8	-0.8	-0.9	-0.8	-0.7	-0.6	-0.5	-0.3	0.0	0.2	0.1	-0.1	-0.1	-0.1	-0.3	0.2	-0.9
03	-0.1	-0.1	0.0	0.1	0.5	0.4	-0.2	-0.5	-0.7	-0.7	-0.8	-0.8	-0.8	-0.8	-0.7	-0.6	-0.4	-0.4	-0.2	0.0	0.2	0.3	0.6	0.4	-0.2	0.6	-0.8
04	0.2	0.3	0.7	0.8	1.2	1.9	-0.2	-0.5	-0.9	-0.9	-1.0	-1.0	-0.8	-0.9	-0.8	-0.7	-0.4	-0.3	-0.3	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	1.9	-1.0
05	-0.3	-0.3	0.0	0.2	0.1	-0.1	-0.5	-0.7	-0.5	-0.6	-0.6	-0.6	-0.7	-0.8	-0.6	-0.6	-0.5	-0.4	-0.3	0.0	-0.0	0.0	0.0	0.1	-0.3	0.2	-0.8
06	0.2	0.5	1.1	0.4	0.0	-0.2	-0.4	-0.7	-0.8	-0.8	-0.9	-1.0	-1.0	-0.9	-0.7	-0.6	-0.6	-0.4	-0.2	-0.1	-0.2	-0.1	-0.1	-0.1	-0.3	1.1	-1.0
07	0.0	0.2	0.3	0.3	0.0	-0.3	-0.6	-0.8	-1.0	-0.9	-0.9	-0.9	-0.9	-0.8	-0.8	-0.8	-0.6	-0.5	-0.3	-0.3	-0.2	-0.2	-0.2	-0.3	-0.4	0.3	-1.0
08	-0.3	-0.3	-0.3	-0.2	-0.2	-0.3	-0.5	-0.7	-0.8	-0.9	-1.0	-0.9	-0.9	-0.9	-0.9	-0.8	-0.6	-0.5	-0.3	-0.2	-0.2	-0.1	-0.1	-0.0	-0.5	-0.0	-1.0
09	0.0	0.1	0.2	0.4	0.4	0.0	-0.4	-0.5	-0.7	-0.7	-0.9	-0.9	-0.8	-1.0	-1.0	-0.7	-0.6	-0.3	0.8	3.3	3.0	2.5	0.6	0.1	0.1	3.3	-1.0
10	0.1	0.2	0.4	0.7	0.9	1.0	-0.3	-0.5	-0.8	-0.9	-1.0	-1.1	-1.1	-1.1	-1.0	-0.9	-0.7	-0.4	0.2	1.6	3.4	2.6	2.5	2.4	0.3	3.4	-1.1
11	2.1	2.3	2.5	1.7	2.3	3.2	0.9	-0.4	-0.7	-0.8	-0.8	-0.8	-0.7	-0.7	-0.7	-0.6	-0.5	-0.4	-0.3	0.6	1.6	0.2	0.2	0.2	0.5	3.2	-0.8
12	0.1	0.1	0.2	0.3	0.7	-0.0	-0.4	-0.8	-1.0	-1.1	-1.0	-1.2	-1.1	-0.8	-0.8	-0.6	-0.6	-0.3	-0.3	0.0	0.0	0.0	0.1	0.1	-0.3	0.7	-1.2
13	0.2	0.1	-0.0	-0.1	-0.2	-0.2	-0.4	-0.5	-0.5	-0.7	-0.8	-0.9	-0.8	-0.6	-0.5	-0.3	-0.2	-0.1	-0.1	0.1	0.2	1.1	1.8	1.8	-0.1	1.8	-0.9
14	2.0	1.5	1.4	0.8	0.5	0.6	-0.2	-0.5	-0.7	-0.9	-0.9	-0.7	-0.9	-0.9	-0.9	-0.7	-0.5	-0.5	-0.2	0.3	0.5	0.8	0.2	0.4	0.0	2.0	-0.9
15	0.5	0.1	0.0	-0.2	-0.2	-0.2	-0.4	-0.6	-0.7	-0.8	-0.8	-0.8	-0.8	-0.8	-0.9	-0.7	-0.5	-0.4	-0.2	-0.0	0.0	-0.3	0.4	-0.0	-0.3	0.5	-0.9
16	-0.1	-0.1	0.0	-0.0	-0.0	-0.2	-0.4	-0.6	-0.7	-0.9	-0.8	-0.8	-0.7	-0.9	-0.8	-0.8	-0.7	-0.4	-0.2	-0.2	-0.2	-0.3	-0.3	-0.2	-0.4	0.0	-0.9
17	-0.0	-0.1	0.2	-0.1	0.1	0.4	-0.4	-0.6	-0.7	-0.7	-0.8	-0.9	-0.8	-0.9	-0.8	-0.8	-0.6	-0.4	-0.2	0.4	0.2	0.2	0.1	0.1	-0.3	0.4	-0.9
18	-0.0	-0.0	0.0	0.0	0.1	-0.0	-0.4	-0.6	-0.7	-0.8	-0.8	-0.8	-0.7	-0.7	-0.8	-0.8	-0.6	-0.4	-0.3	-0.1	-0.0	-0.1	-0.1	-0.1	-0.4	0.1	-0.8
19	-0.1	-0.1	-0.1	0.0	0.1	-0.1	-0.5	-0.6	-0.7	-0.8	-0.8	-0.9	-0.8	-0.8	-0.8	-0.7	-0.5	-0.3	-0.3	-0.2	-0.1	-0.1	-0.1	-0.1	-0.4	0.1	-0.9
20	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.5	-0.7	-0.8	-0.8	-0.9	-0.9	-0.9	-0.9	-0.8	-0.7	-0.6	-0.5	-0.2	-0.0	0.1	0.1	0.2	0.2	-0.4	0.2	-0.9
21	0.1	0.2	0.2	0.2	0.2	-0.2	-0.5	-0.6	-0.7	-0.9	-1.0	-1.1	-1.1	-0.9	-0.8	-0.7	-0.7	-0.5	-0.3	-0.2	-0.1	0.3	0.5	0.3	-0.3	0.5	-1.1
22	0.2	0.3	0.3	0.5	0.5	-0.0	-0.4	-0.6	-0.7	-0.8	-0.9	-1.1	-0.9	-0.9	-0.9	-0.8	-0.6	-0.5	-0.3	0.3	0.9	1.3	1.6	1.8	-0.1	1.8	-1.1
23	1.2	0.7	0.6	1.2	1.1	0.8	-0.4	-0.6	-0.7	-0.8	-0.9	-1.0	-1.0	-1.0	-0.9	-0.8	-0.7	-0.5	-0.2	0.5	0.8	1.3	2.1	2.1	0.1	2.1	-1.0
24	1.0	0.8	0.8	0.7	1.0	0.8	-0.3	-0.6	-0.7	-0.8	-0.9	-1.0	-1.0	-0.9	-0.9	-0.8	-0.7	-0.5	-0.2	0.4	0.8	1.2	1.4	1.5	0.1	1.5	-1.0
25	1.5	1.1	1.3	1.7	1.9	1.9	0.0	-0.5	-0.6	-0.7	-0.9	-0.9	-0.9	-0.9	-0.8	-0.8	-0.6	-0.5	-0.2	0.8	1.6	2.0	2.0	2.5	0.4	2.5	-0.9
26	1.3	1.0	0.9	1.4	1.7	0.9	-0.1	-0.5	-0.7	-0.7	-0.8	-0.8	-0.9	-0.8	-0.8	-0.7	-0.6	-0.4	-0.1	0.8	1.4	1.8	2.4	1.9	0.3	2.4	-0.9
27	1.2	0.9	1.6	0.9	1.5	1.5	0.3	-0.5	-0.6	-0.7	-0.7	-0.8	-0.8	-0.7	-0.7	-0.7	-0.4	-0.2	0.1	0.4	0.5	0.9	1.2	1.5	0.2	1.6	-0.8
28	1.3	1.3	1.3	1.9	1.6	1.0	-0.3	-0.6	-0.7	-0.8	-0.8	-0.9	-0.8	-0.8	-0.8	-0.8	-0.5	-0.5	-0.2	0.6	0.8	0.9	0.9	1.4	0.2	1.9	-0.9
29	1.2	1.3	1.3	1.4	1.0	0.6	-0.3	-0.6	-0.7	-0.8	-0.9	-0.8	-0.9	-1.0	-0.9	-0.6	-0.6	-0.5	-0.2	0.4	0.8	1.0	0.9	1.1	0.1	1.4	-1.0
30	0.9	0.4	0.2	-0.0	-0.1	-0.2	-0.5	-0.6	-0.7	-0.8	-0.8	-0.9	-1.0	-0.9	-0.9	-0.8	-0.7	-0.5	-0.3	0.5	1.3	1.2	0.4	0.1	-0.2	1.3	-1.0
MEAN	0.5	0.4	0.5	0.5	0.5	0.4	-0.3	-0.6	-0.7	-0.8	-0.9	-0.9	-0.9	-0.9	-0.8	-0.7	-0.6	-0.4	-0.1	0.4	0.6	0.7	0.6	0.6	-0.1		
MAX	2.1	2.3	2.5	1.9	2.3	3.2	0.9	-0.4	-0.5	-0.6	-0.6	-0.6	-0.7	-0.6	-0.5	-0.3	-0.2	-0.1	0.8	3.3	3.4	2.6	2.5	2.5		3.4	
MIN	-0.3	-0.3	-0.3	-0.2	-0.3	-0.3	-0.6	-0.8	-1.0	-1.1	-1.0	-1.2	-1.1	-1.1	-1.0	-0.9	-0.7	-0.5	-0.3	-0.3	-0.2	-0.3	-0.3	-0.3			-1.2

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = -0.1 DEG

MONTHLY MAXIMUM = 3.4 Deg C ON 6/10 AT 2100
MONTHLY MINIMUM = -1.2 Deg C ON 6/12 AT 1200

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

Appendix C.3
Atmospheric Stability

National Enrichment Facility

Stability based on Delta T between 40M and 10M in Deg C/100M for APRIL, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
01	G	G	G	G	F	F	F	D	C	A	A	A	A	A	A	A	A	E	G	G	G	G	G	G
02	G	G	G	F	G	G	G	A	A	A	A	A	A	A	A	A	A	D	E	F	F	F	G	G
03	G	G	G	G	G	G	F	A	A	A	A	A	A	A	A	A	A	D	E	F	G	F	F	E
04	E	F	F	G	G	G	F	D	A	A	A	A	A	A	A	A	A	D	F	G	G	G	G	G
05	G	G	G	G	G	G	F	A	A	A	C	A	A	A	A	A	C	E	G	G	F	E	E	E
06	E	E	E	E	E	F	D	B	A	A	A	A	A	A	A	A	D	E	G	G	G	E	E	E
07	F	F	G	F	F	G	F	D	C	A	A	A	A	A	A	B	C	D	D	E	E	E	E	E
08	E	E	F	G	F	F	D	B	A	A	A	A	A	A	A	A	B	D	E	E	F	F	E	F
09	F	F	F	F	F	G	F	D	B	A	A	A	A	A	A	C	D	E	E	E	E	E	E	E
10	G	F	F	F	F	F	E	C	A	A	A	A	A	A	A	A	C	D	E	E	E	E	E	E
11	E	E	E	E	E	E	E	C	C	A	A	A	A	A	A	A	D	D	A	A	E	D	D	E
12	E	E	E	E	E	E	D	D	A	A	A	A	A	A	A	A	C	D	E	F	F	F	F	F
13	G	G	G	G	F	E	D	D	E	A	A	A	A	A	A	A	B	D	F	E	D	D	D	D
14	D	E	E	E	E	F	E	C	A	A	A	A	A	A	A	A	A	D	E	D	D	E	E	E
15	E	E	F	E	F	G	D	A	A	A	A	A	A	A	A	A	A	D	F	G	G	G	G	G
16	G	G	G	F	F	F	D	A	A	A	A	A	A	A	A	A	A	D	E	F	G	F	E	E
17	E	E	E	E	E	E	D	B	A	A	A	A	A	A	A	A	B	D	E	G	F	F	G	G
18	F	G	G	G	G	F	D	B	A	A	A	A	A	A	A	A	C	D	E	E	E	E	E	E
19	E	E	F	F	F	F	E	D	A	A	A	A	A	A	A	A	D	D	E	F	G	F	F	E
20	E	D	E	E	E	E	C	A	A	A	A	A	A	A	A	A	A	D	E	G	G	G	G	F
21	F	E	E	E	F	E	D	B	A	A	A	A	A	A	A	B	C	D	E	G	G	F	G	G
22	F	G	F	G	G	F	E	C	A	A	A	A	A	A	A	A	D	D	E	E	E	E	D	D
23	D	D	D	E	E	E	C	A	A	A	A	A	A	A	A	A	B	D	F	G	F	F	F	G
24	G	F	F	G	E	E	E	C	A	A	A	A	A	A	A	A	C	E	G	G	G	F	G	F
25	F	F	F	G	G	G	E	C	A	A	A	A	A	A	A	A	D	E	G	G	G	G	G	G
26	G	G	G	G	G	G	F	A	A	C	C	C	C	C	A	A	B	D	F	G	G	G	G	G
27	G	E	G	G	F	F	D	A	A	A	A	A	A	A	A	A	A	D	F	G	G	G	G	G
28	F	G	G	G	G	G	G	A	A	A	A	A	A	A	A	A	C	D	F	G	E	E	E	E
29	F	F	F	F	F	F	D	D	A	A	A	A	A	A	A	A	B	C	D	D	D	D	E	E
30	E	E	F	F	F	F	E	B	A	A	A	A	A	A	A	A	B	C	D	E	E	E	E	E

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

STABILITY CATEGORY	NUMBER OF OCCURRENCES	PERCENT
A	247	34.3%
B	16	2.2%
C	28	3.9%
D	68	9.4%
E	134	18.6%
F	102	14.2%
G	125	17.4%

MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

Stability based on Delta T between 40M and 10M in Deg C/100M for MAY, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
01	E	E	E	F	G	F	D	B	A	A	A	A	A	A	A	A	A	D	F	F	E	E	E	E
02	E	E	F	F	F	E	D	D	B	A	A	A	A	A	A	A	A	D	E	F	G	G	F	E
03	F	F	G	F	G	G	G	D	A	A	A	A	A	A	A	A	A	D	F	G	G	G	F	E
04	F	G	G	F	F	F	E	C	A	A	A	A	A	A	A	A	A	D	F	G	G	G	G	G
05	G	G	G	F	F	E	D	F	B	A	A	A	A	A	A	A	D	D	E	F	G	G	G	G
06	G	G	G	G	G	G	E	A	A	A	A	A	A	A	A	A	A	D	F	G	G	G	E	E
07	E	E	E	E	E	D	A	A	A	A	A	A	A	A	A	A	B	C	D	D	D	A	D	D
08	A	A	B	A	A	D	A	D	A	A	A	A	A	A	A	A	C	D	D	E	E	E	E	D
09	D	D	E	E	F	F	D	A	A	A	A	A	A	A	A	A	C	D	D	D	E	D	D	E
10	B	A	A	D	D	D	A	D	D	A	A	B	C	B	A	D	D	D	D	D	E	D	A	D
11	D	D	D	E	E	F	D	C	A	A	A	A	A	A	A	A	A	C	E	E	E	E	E	E
12	E	E	E	E	E	E	C	A	A	A	A	A	A	A	A	A	A	C	E	E	E	F	F	E
13	E	E	E	E	F	E	D	B	A	A	A	C	A	A	A	C	C	D	E	A	A	A	D	E
14	E	E	E	F	E	D	D	C	A	A	D	D	D	A	A	C	A	D	D	E	E	E	E	E
15	F	E	F	F	G	G	D	A	B	D	A	B	A	C	A	B	B	D	E	F	G	G	G	G
16	G	G	F	G	G	G	E	B	A	A	A	A	A	A	A	A	C	D	E	G	G	G	G	G
17	G	G	F	F	G	G	E	C	A	A	A	A	A	A	A	A	B	D	E	E	E	E	E	E
18	E	E	E	E	E	E	D	C	A	A	A	A	A	A	A	A	B	D	E	E	E	E	E	E
19	E	E	E	F	F	F	D	B	B	A	A	A	A	A	A	B	B	D	F	G	E	E	E	E
20	E	F	F	F	F	G	C	A	A	A	A	A	A	A	A	A	A	D	D	D	E	E	D	E
21	F	E	E	F	F	E	D	A	A	A	A	A	A	A	A	A	A	D	E	E	E	F	E	E
22	F	F	G	G	G	F	D	A	A	A	A	A	A	A	A	A	B	D	E	E	E	E	E	E
23	E	E	E	F	F	F	D	D	B	A	A	A	A	A	A	A	B	D	F	G	G	G	F	F
24	F	G	G	G	G	F	D	A	A	A	A	A	A	A	A	A	A	D	F	G	G	G	E	E
25	F	G	F	F	G	G	G	B	A	A	A	A	A	A	A	A	A	D	E	D	D	E	E	E
26	E	E	E	E	E	D	D	A	A	A	A	A	A	A	A	A	A	C	D	D	A	A	F	E
27	E	F	F	F	E	E	D	C	B	A	A	A	A	A	A	B	D	D	E	E	E	F	E	E
28	E	F	E	E	F	G	D	C	A	A	A	A	A	A	A	A	B	D	F	F	G	G	G	G
29	F	E	E	E	F	F	D	C	B	A	A	A	A	A	A	A	C	E	F	G	G	G	G	G
30	G	G	G	G	F	F	D	C	A	A	A	A	A	A	A	A	C	E	F	G	G	G	G	F
31	F	G	F	F	E	D	B	A	A	A	A	A	A	A	A	A	A	C	D	E	E	E	E	E

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100 %

STABILITY CATEGORY	NUMBER OF OCCURRENCES	PERCENT
A	265	35.6%
B	29	3.9%
C	27	3.6%
D	95	12.8%
E	152	20.4%
F	85	11.4%
G	91	12.2%

MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

Stability based on Delta T between 40M and 10M in Deg C/100M for JUNE, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
01	E	E	D	D	D	D	C	A	A	A	A	A	A	A	A	A	B	D	E	G	G	G	E	E
02	E	E	E	E	E	E	D	B	A	A	A	A	A	A	A	A	C	D	E	E	E	E	E	E
03	E	E	E	E	F	E	D	C	A	A	A	A	A	A	A	A	D	D	D	E	E	E	F	E
04	E	E	F	F	F	G	D	C	A	A	A	A	A	A	A	A	D	D	D	E	E	E	D	D
05	D	D	E	E	E	E	C	A	B	A	A	B	A	A	A	A	C	D	D	E	E	E	E	E
06	E	F	F	E	E	D	D	A	A	A	A	A	A	A	A	A	B	D	D	E	D	E	E	E
07	E	E	E	E	E	D	A	A	A	A	A	A	A	A	A	A	A	C	D	D	D	D	D	D
08	D	D	D	D	D	D	C	A	A	A	A	A	A	A	A	A	A	C	D	D	D	E	E	E
09	E	E	E	E	E	E	D	B	A	A	A	A	A	A	A	A	B	D	F	G	G	G	F	E
10	E	E	E	F	F	F	D	C	A	A	A	A	A	A	A	A	A	D	E	G	G	G	G	G
11	G	G	G	G	G	G	F	D	A	A	A	A	A	A	B	C	D	D	F	G	E	E	E	E
12	E	E	E	E	F	E	D	A	A	A	A	A	A	A	A	A	A	D	D	E	E	E	E	E
13	E	E	E	E	D	D	D	C	B	A	A	A	A	B	B	D	D	E	E	E	E	F	G	G
14	G	G	G	F	F	F	D	C	A	A	A	A	A	A	A	A	B	B	D	E	F	F	E	E
15	F	E	E	D	D	D	D	A	A	A	A	A	A	A	A	A	C	D	D	E	E	D	E	E
16	E	E	E	E	E	D	D	A	A	A	A	A	A	A	A	A	A	D	D	D	D	D	D	D
17	E	E	E	E	E	E	D	A	A	A	A	A	A	A	A	A	A	D	D	E	E	E	E	E
18	E	E	E	E	E	E	D	A	A	A	A	A	A	A	A	A	A	D	D	E	E	E	E	E
19	E	E	E	E	E	E	C	A	A	A	A	A	A	A	A	A	B	D	D	D	E	E	E	E
20	E	E	E	E	E	D	C	A	A	A	A	A	A	A	A	A	A	C	D	E	E	E	E	E
21	E	E	E	E	E	D	C	A	A	A	A	A	A	A	A	A	A	C	D	D	E	E	F	E
22	E	E	E	F	F	E	D	A	A	A	A	A	A	A	A	A	A	C	D	E	F	G	G	G
23	F	F	F	G	F	F	D	A	A	A	A	A	A	A	A	A	A	C	D	F	F	G	G	G
24	F	F	F	F	F	F	D	A	A	A	A	A	A	A	A	A	A	C	D	E	F	G	G	G
25	G	F	G	G	G	G	E	C	A	A	A	A	A	A	A	A	A	C	D	F	G	G	G	G
26	G	F	F	G	G	F	E	C	A	A	A	A	A	A	A	A	A	D	E	F	G	G	G	G
27	G	F	G	F	G	G	E	B	A	A	A	A	A	A	A	A	D	D	E	E	F	F	F	G
28	G	G	G	G	G	F	D	A	A	A	A	A	A	A	A	A	B	C	D	F	F	F	F	G
29	F	G	G	G	F	F	D	B	A	A	A	A	A	A	A	A	A	C	D	E	F	F	F	F
30	F	E	E	E	E	D	C	B	A	A	A	A	A	A	A	A	A	B	D	F	G	F	E	E

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

STABILITY CATEGORY	NUMBER OF OCCURRENCES	PERCENT
A	266	36.9%
B	19	2.6%
C	28	3.9%
D	105	14.6%
E	171	23.8%
F	66	9.2%
G	65	9.0%

MISSING DATA DENOTED BY BLANKS

Appendix D
Hourly Relative Humidity Data for April through June 2012

National Enrichment Facility

RELATIVE HUMIDITY in percent for APRIL, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	11	11	12	15	17	19	19	15	12	8	7	7	6	5	5	4	4	4	6	7	7	7	8	8	9	19	4
02	16	46	56	58	62	57	31	18	19	18	16	13	13	12	10	9	9	10	10	10	10	11	14	15	23	62	9
03	19	26	29	31	33	41	40	30	29	33	30	28	28	25	22	22	23	25	28	31	33	36	43	53	31	53	19
04	62	72	76	78	82	80	72	58	50	43	35	27	21	15	14	14	13	13	15	18	19	18	20	23	39	82	13
05	28	34	36	40	45	49	44	37	29	19	14	12	10	9	8	7	7	7	9	11	14	25	31	39	24	49	7
06	47	54	61	65	69	73	72	63	55	46	31	19	14	12	10	7	6	6	7	8	11	49	61	68	38	73	6
07	72	75	76	76	80	82	77	69	55	30	18	18	29	31	35	35	37	36	36	36	37	38	43	51	49	82	18
08	47	49	55	60	52	53	52	54	56	56	51	46	42	38	35	33	31	32	35	49	60	68	73	79	50	79	31
09	81	85	86	85	84	85	83	74	63	56	50	46	39	32	32	33	37	42	63	68	68	60	62	60	61	86	32
10	63	68	78	78	77	81	82	74	62	49	39	29	28	26	24	22	22	26	33	37	42	50	57	68	51	82	22
11	74	77	78	76	76	73	71	61	58	54	48	47	45	39	37	43	54	62	67	78	81	82	84	84	65	84	37
12	82	85	84	80	83	88	89	86	78	57	33	23	17	13	11	11	10	10	12	14	15	35	66	79	48	89	10
13	86	90	93	95	96	96	96	96	83	44	24	14	12	9	8	8	9	11	14	34	58	68	74	77	54	96	8
14	80	82	83	85	89	92	91	70	40	33	19	9	7	6	6	5	5	5	7	12	14	17	21	28	38	92	5
15	31	32	33	33	33	31	26	22	18	15	13	12	10	10	10	10	9	9	10	11	13	14	14	18	18	33	9
16	20	24	33	49	54	53	49	41	35	28	21	16	14	13	12	10	9	10	10	10	11	27	40	45	26	54	9
17	51	56	60	65	68	71	65	48	34	28	23	16	12	12	12	12	12	12	13	15	18	22	25	28	32	71	12
18	28	31	35	38	42	46	49	44	34	28	22	17	14	13	12	10	9	11	16	20	25	31	35	37	27	49	9
19	39	42	47	51	52	54	50	40	24	10	7	7	7	6	6	6	6	6	12	17	27	38	44	41	27	54	6
20	42	48	49	54	65	68	63	54	42	39	35	28	25	22	20	19	20	20	21	25	27	29	31	33	37	68	19
21	38	47	54	59	65	67	61	46	36	29	23	21	18	16	14	13	13	13	15	19	21	21	24	27	32	67	13
22	28	30	31	32	33	33	32	28	24	20	15	14	13	12	12	12	12	12	14	18	24	26	35	42	23	42	12
23	45	47	49	52	54	53	44	31	26	27	26	25	23	23	21	21	21	22	25	28	31	33	35	38	33	54	21
24	38	40	44	48	44	44	44	40	34	28	23	18	14	12	11	11	10	10	11	13	16	23	29	33	27	48	10
25	41	46	46	50	54	57	50	30	12	9	7	6	6	6	6	6	6	5	7	8	8	8	10	13	21	57	5
26	15	17	18	18	20	21	18	16	18	15	13	12	11	10	9	9	8	8	9	12	15	16	17	15	14	21	8
27	15	16	21	24	34	34	28	24	19	14	11	10	9	8	7	7	7	6	7	8	10	11	12	12	15	34	6
28	12	15	17	18	25	25	20	17	17	15	13	12	11	10	9	9	9	8	9	11	36	51	57	60	20	60	8
29	64	64	68	71	75	77	75	77	69	57	47	39	32	29	25	23	22	32	51	59	65	71	75	78	56	78	22
30	79	80	83	85	87	88	84	76	64	47	28	17	13	12	12	12	11	20	19	23	30	37	42	45	46	88	11
MEAN	45	50	53	56	58	60	56	48	40	32	25	20	18	16	15	15	15	16	20	24	28	34	39	43	34		
MAX	86	90	93	95	96	96	96	96	83	57	51	47	45	39	37	43	54	62	67	78	81	82	84	84		96	
MIN	11	11	12	15	17	19	18	15	12	8	7	6	6	5	5	4	4	4	6	7	7	7	8	8			4

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 34 percent

MAXIMUM RELATIVE HUMIDITY WAS 96 percent ON 4/13 AT 600 MAXIMUM DAILY MEAN WAS 65 percent ON 4/11

MINIMUM RELATIVE HUMIDITY WAS 4 percent ON 4/ 1 AT 1600 MINIMUM DAILY MEAN WAS 9 percent ON 4/ 1

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

RELATIVE HUMIDITY in percent for MAY, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	43	43	48	58	66	71	61	48	33	20	11	10	8	7	7	8	8	7	7	26	55	64	71	78	36	78	7
02	86	90	92	94	95	96	96	93	50	21	10	9	9	9	6	6	5	6	6	6	7	7	24	70	41	96	5
03	80	85	87	84	72	70	49	24	10	7	6	6	6	6	6	6	6	6	7	9	10	11	26	41	30	87	6
04	43	45	44	46	49	49	43	23	7	6	6	6	6	6	6	6	5	5	6	8	8	9	9	10	19	49	5
05	10	43	75	81	91	95	95	31	14	7	6	6	6	6	6	7	7	7	7	8	9	10	11	11	27	95	6
06	11	11	12	12	13	12	12	9	9	8	9	12	12	11	9	7	6	6	7	8	8	20	43	55	13	55	6
07	62	68	72	76	78	80	74	68	64	61	57	51	46	38	33	32	35	48	56	71	80	84	89	86	63	89	32
08	86	84	85	89	88	88	86	82	79	73	68	65	63	60	57	55	58	59	59	62	64	67	68	72	72	89	55
09	72	72	73	77	75	75	64	54	50	48	43	39	36	34	32	31	32	32	34	38	43	58	64	72	52	77	31
10	79	89	91	93	90	90	91	92	91	89	85	79	72	67	81	87	89	87	89	91	92	91	91	90	87	93	67
11	92	91	90	90	91	91	90	84	71	64	64	60	58	58	55	53	53	59	60	77	79	81	82	85	74	92	53
12	87	87	88	90	90	89	83	76	70	67	60	55	47	43	39	38	38	40	46	54	59	60	65	71	64	90	38
13	78	79	83	87	87	86	81	69	63	58	51	50	48	45	45	38	41	45	49	58	80	79	81	82	65	87	38
14	82	82	85	90	91	91	89	89	88	84	84	81	57	53	57	73	80	77	80	85	88	88	90	89	81	91	53
15	89	90	93	95	95	93	83	72	59	53	48	42	37	32	27	25	23	24	26	34	40	45	50	53	55	95	23
16	56	57	59	67	75	74	64	48	33	27	26	23	20	18	18	18	19	21	23	31	37	41	37	43	39	75	18
17	53	57	59	59	58	57	52	41	36	30	25	20	17	15	15	15	16	18	23	27	32	35	42	48	35	59	15
18	52	56	61	64	68	71	62	50	37	27	22	15	11	9	9	9	8	17	32	41	49	56	59	57	39	71	8
19	56	57	60	63	67	69	62	49	35	19	16	11	8	8	9	8	7	8	9	12	39	53	64	73	36	73	7
20	75	76	77	76	74	73	65	54	56	52	48	42	39	37	37	36	36	35	37	40	47	51	53	58	53	77	35
21	62	63	67	71	74	74	63	58	57	52	45	40	37	34	32	32	31	33	37	41	45	50	53	58	50	74	31
22	59	60	70	74	75	69	60	56	49	40	35	30	26	23	24	23	23	27	32	37	41	45	49	54	45	75	23
23	54	59	63	71	75	76	68	44	17	10	8	7	6	6	5	5	6	6	8	11	14	16	11	12	27	76	5
24	11	14	18	18	16	15	14	13	11	10	10	8	8	7	6	6	7	8	10	12	13	16	32	39	13	39	6
25	44	51	59	62	65	67	56	19	10	10	11	12	10	10	10	10	12	23	27	42	57	42	36	33	32	67	10
26	36	37	38	43	51	75	64	52	54	53	46	41	38	39	37	35	35	32	34	45	51	87	86	84	50	87	32
27	83	84	79	81	82	82	79	76	65	47	36	22	15	13	14	14	14	23	41	55	62	68	74	79	54	84	13
28	82	83	83	83	84	87	82	73	63	50	33	14	10	10	9	8	8	8	10	11	15	20	24	24	41	87	8
29	30	41	50	64	77	83	87	76	57	30	16	8	6	5	5	5	6	6	8	9	10	21	21	19	31	87	5
30	31	50	66	66	71	76	79	55	18	7	7	6	5	5	5	5	5	5	6	10	12	13	18	51	28	79	5
31	60	68	78	80	83	84	79	70	63	56	51	46	43	40	36	35	37	40	44	49	52	57	61	63	57	84	35
MEAN	60	64	68	71	73	74	69	56	46	38	34	30	26	24	24	24	24	26	30	36	42	47	51	57	46		
MAX	92	91	93	95	95	96	96	93	91	89	85	81	72	67	81	87	89	87	89	91	92	91	91	90		96	
MIN	10	11	12	12	13	12	12	9	7	6	6	6	5	5	5	5	5	5	6	6	7	7	9	10			5

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 46 percent

MAXIMUM RELATIVE HUMIDITY WAS 96 percent ON 5/ 2 AT 700 MAXIMUM DAILY MEAN WAS 87 percent ON 5/10

MINIMUM RELATIVE HUMIDITY WAS 5 percent ON 5/29 AT 1500 MINIMUM DAILY MEAN WAS 13 percent ON 5/ 6

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

RELATIVE HUMIDITY in percent for JUNE, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	61	64	66	70	73	76	75	69	62	56	52	46	41	36	33	29	28	28	30	37	41	50	56	58	52	76	28
02	67	72	76	77	79	80	73	66	53	41	34	27	23	19	15	14	17	21	25	28	32	39	48	53	45	80	14
03	55	53	53	54	57	58	47	38	32	22	17	15	14	14	13	12	10	18	23	30	34	39	44	51	33	58	10
04	58	61	64	66	70	73	63	55	50	40	31	25	19	13	14	13	13	25	49	44	41	43	49	55	43	73	13
05	61	68	73	75	76	73	67	57	52	51	48	45	41	35	32	31	31	33	34	40	50	54	58	60	52	76	31
06	63	65	67	70	71	68	58	53	45	42	36	33	30	25	20	17	14	15	31	40	48	49	50	53	44	71	14
07	57	61	63	71	79	83	78	69	61	53	48	41	33	28	26	25	25	27	38	43	44	47	50	80	51	83	25
08	86	84	84	86	85	84	79	70	65	60	55	50	45	42	38	36	34	35	39	43	47	52	56	59	59	86	34
09	61	64	68	73	76	76	71	59	44	28	12	7	6	6	5	5	5	6	7	8	10	12	37	46	33	76	5
10	52	57	62	66	70	73	64	37	10	7	7	6	6	6	6	6	7	7	7	9	11	11	11	11	25	73	6
11	11	11	12	12	15	17	15	12	10	8	8	10	10	8	8	7	7	8	9	12	21	25	28	33	13	33	7
12	42	50	54	57	60	59	56	54	53	53	48	42	35	35	35	32	26	26	64	75	76	70	61	71	51	76	26
13	73	71	71	81	84	82	76	70	68	66	63	59	52	44	35	36	42	40	37	43	51	59	63	67	60	84	35
14	70	70	72	69	67	68	52	40	32	22	18	15	12	11	11	11	12	25	28	25	32	31	30	33	36	72	11
15	37	40	46	68	71	70	64	58	48	35	28	26	28	25	22	21	22	26	28	31	36	55	56	57	42	71	21
16	59	63	63	63	66	68	61	59	55	47	39	34	27	23	25	21	17	17	23	36	43	50	60	58	45	68	17
17	61	69	72	81	84	80	63	56	54	48	42	36	30	27	26	23	21	20	21	25	32	34	34	36	45	84	20
18	39	44	48	50	52	53	49	41	31	25	17	11	10	8	6	5	5	7	21	26	29	34	39	42	29	53	5
19	44	49	55	58	62	65	61	54	46	37	30	24	23	23	19	16	18	24	28	33	39	43	44	44	39	65	16
20	46	57	64	70	74	75	70	62	55	47	38	31	27	22	20	18	17	19	23	27	32	36	41	44	42	75	17
21	46	49	53	59	65	68	70	66	58	49	42	35	33	30	29	28	27	26	27	39	36	43	50	56	45	70	26
22	66	71	72	74	75	70	58	48	43	39	35	31	29	27	25	25	24	25	27	30	33	37	40	45	44	75	24
23	47	47	49	54	56	55	46	37	34	31	28	25	22	19	17	16	16	18	20	24	27	30	33	37	33	56	16
24	38	39	41	46	48	48	43	35	30	28	25	23	20	19	18	17	16	17	18	22	24	27	30	32	29	48	16
25	37	39	40	43	44	43	37	33	30	26	23	21	17	14	13	12	12	12	13	15	18	18	20	22	25	44	12
26	24	24	27	31	33	33	32	29	25	21	17	13	12	11	11	10	10	11	12	13	15	17	18	21	20	33	10
27	22	25	28	29	31	32	29	25	21	18	16	14	13	13	13	13	14	13	14	15	17	19	21	26	20	32	13
28	30	32	33	37	40	42	40	34	30	26	21	18	16	16	16	15	15	16	17	20	23	26	29	32	26	42	15
29	34	37	40	41	43	43	42	37	32	26	22	18	17	17	16	16	15	15	15	17	20	23	27	30	27	43	15
30	33	33	35	36	36	43	53	47	33	26	23	22	21	21	21	18	18	18	18	19	22	27	30	34	29	53	18
MEAN	49	52	55	59	61	62	56	49	42	36	31	27	24	21	20	18	18	20	25	29	33	37	40	45	38		
MAX	86	84	84	86	85	84	79	70	68	66	63	59	52	44	38	36	42	40	64	75	76	70	63	80		86	
MIN	11	11	12	12	15	17	15	12	10	7	7	6	6	6	5	5	5	6	7	8	10	11	11	11			5

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 38 percent

MAXIMUM RELATIVE HUMIDITY WAS 86 percent ON 6/ 8 AT 100 MAXIMUM DAILY MEAN WAS 60 percent ON 6/13

MINIMUM RELATIVE HUMIDITY WAS 5 percent ON 6/ 9 AT 1600 MINIMUM DAILY MEAN WAS 13 percent ON 6/11

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

Appendix E
Hourly Solar Radiation Data for April through June 2012

National Enrichment Facility

SOLAR RADIATION in W/M^2 for APRIL, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	TOTAL	MAX
01						2	128	360	585	776	903	966	963	893	759	571	342	111							7359	966
02						2	131	367	592	780	906	970	963	880	748	560	326	105							7330	970
03						1	141	378	597	784	910	972	964	890	748	554	330	100							7369	972
04						5	141	369	593	782	908	971	963	894	750	564	341	114							7395	971
05						7	152	383	603	765	903	947	900	868	725	543	327	69							7192	947
06						4	127	377	594	766	893	972	940	673	657	547	240	114							6904	972
07						5	93	244	494	682	678	667	834	406	322	175	128	77							4805	834
08						11	83	131	182	548	792	929	938	860	722	524	329	96							6145	938
09						5	116	358	489	583	754	847	835	749	480	245	49								5510	847
10						12	158	383	595	772	894	890	960	892	808	542	236	62							7204	960
11						7	150	230	289	447	590	612	720	825	581	263	61	14							4789	825
12						7	72	223	567	808	890	992	990	866	610	501	226	89	1						6842	992
13					1	10	68	197	555	758	902	952	990	929	679	552	353	108							7054	990
14						17	180	418	630	805	928	1001	997	922	769	583	352	116							7718	1001
15						20	193	442	664	844	968	1024	1018	935	779	596	371	140	2						7996	1024
16						22	193	428	646	820	938	974	978	767	550	502	381	136	2						7337	978
17						23	195	430	648	823	945	1000	992	919	772	591	369	144	3						7854	1000
18						24	199	429	646	819	936	988	976	898	751	574	352	132	3						7727	988
19						24	198	431	645	815	945	728	527	856	426	366	127	154	5						6247	945
20						25	200	430	644	812	916	984	921	733	731	592	350	144	5						7487	984
21						31	210	441	652	822	939	988	974	901	756	578	368	148	5						7813	988
22						32	208	437	647	814	932	984	971	898	774	536	170	74	1						7478	984
23						25	185	435	525	318	816	947	961	890	746	573	365	149	6						6941	961
24						13	91	356	651	807	925	974	960	888	758	490	249	64	2						7228	974
25						37	220	446	659	830	944	988	980	920	631	519	233	102	1						7510	988
26						42	218	343	363	541	464	285	280	337	514	511	400	159	6						4463	541
27						43	237	475	689	861	980	1028	1012	934	793	610	393	169	9						8233	1028
28						45	237	469	678	846	959	1007	993	914	753	579	371	157	8						8016	1007
29						36	160	165	406	807	893	1002	893	890	771	561	312	182	17						7095	1002
30						42	224	457	667	837	950	1000	992	906	779	603	366	199	21						8043	1000
MEAN	0	0	0	0	0	19	164	368	573	749	877	920	913	838	688	517	294	114	3	0	0	0	0	0	7036	
MAX	0	0	0	0	1	45	237	475	689	861	980	1028	1018	935	808	610	400	199	21	0	0	0	0	0		1028
MIN	0	0	0	0	0	1	68	131	182	318	464	285	280	337	322	175	49	0	0	0	0	0	0	0		

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN OF DATA > 0 = 519 W/M^2 MAXIMUM DAILY TOTAL WAS 8233 W/M^2 ON 4/27

MAXIMUM SOLAR RADIATION WAS 1028 W/M^2 ON 4/27 AT 1200 MINIMUM DAILY TOTAL WAS 4463 W/M^2 ON 4/26

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY ---

311 CASES OF SOLAR RADIATION BETWEEN 0 AND -10 SET TO 0

National Enrichment Facility

SOLAR RADIATION in W/M^2 for MAY, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	TOTAL	MAX
01						48	239	468	678	846	969	1020	1008	924	787	604	392	175	14						8172	1020
02						26	140	437	677	842	961	1015	998	922	798	627	411	182	15						8051	1015
03						28	152	412	684	854	979	1030	965	923	663	496	404	139	13						7742	1030
04						47	234	468	683	852	974	1026	1014	932	796	622	407	180	14						8249	1026
05						36	186	419	628	825	938	935	878	626	428	442	197	141	12						6691	938
06						51	243	476	687	856	971	1014	990	908	774	611	408	184	11						8184	1014
07						28	202	453	598	465	728	890	908	899	774	389	144	40	7					1	6526	908
08						6	43	158	377	465	452	438	502	555	409	287	147	67	6						3912	555
09						52	226	363	299	361	809	1000	926	679	606	407	189	84	7						6008	1000
10						3	4	17	67	168	272	525	438	340	51	37	32	16	3						1973	525
11						50	122	421	513	352	651	454	463	526	295	271	386	182	16						4702	651
12						64	199	277	320	324	678	705	994	900	781	615	388	176	18						6439	994
13						22	270	449	593	711	531	266	575	381	627	216	189	95	10						4935	711
14						8	26	130	75	19	83	102	731	726	399	65	90	51	17						2522	731
15						68	257	483	651	675	836	918	774	726	801	524	407	185	24						7329	918
16						75	275	501	706	860	978	1026	1017	933	813	631	420	200	27						8462	1026
17						79	280	509	710	862	975	1020	1004	918	797	622	399	147	30						8352	1020
18						70	268	496	702	853	964	1008	995	916	798	621	411	196	22						8320	1008
19						72	279	509	708	858	972	1030	1028	946	815	637	433	212	29						8528	1030
20						71	259	475	659	802	850	988	955	866	655	454	247	108	8						7397	988
21						98	272	489	687	833	950	918	960	881	715	547	360	102	23						7835	960
22						56	258	464	683	829	944	988	964	803	768	606	403	196	15						7977	988
23						68	266	473	646	670	869	960	940	820	734	618	407	200	19						7690	960
24						72	291	493	677	833	965	1041	1030	945	833	651	438	213	26						8508	1041
25						62	225	445	659	818	794	885	942	899	772	596	394	182	26						7699	942
26						60	248	464	664	822	896	968	957	877	760	589	397	219	23				2	1	7947	968
27						77	275	499	699	848	966	1019	1010	931	817	640	433	211	39						8464	1019
28						79	271	487	690	845	964	1025	1017	934	824	652	447	226	38						8499	1025
29						83	278	503	704	868	996	1054	1035	955	833	650	436	215	35						8645	1054
30						87	254	492	699	862	998	1044	1036	956	838	661	433	215	34						8609	1044
31						75	268	474	665	823	916	609	811	880	760	587	381	198	36						7483	916
MEAN	0	0	0	0	0	55	220	426	596	707	833	868	899	820	694	515	343	159	20	0	0	0	0	0	7156	
MAX	0	0	0	0	0	98	291	509	710	868	998	1054	1036	956	838	661	447	226	39	0	0	0	2	1		1054
MIN	0	0	0	0	0	3	4	17	67	19	83	102	438	340	51	37	32	16	3	0	0	0	0	0		

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100 %

MONTHLY MEAN OF DATA > 0 = 508 W/M^2 MAXIMUM DAILY TOTAL WAS 8645 W/M^2 ON 5/29

MAXIMUM SOLAR RADIATION WAS 1054 W/M^2 ON 5/29 AT 1200 MINIMUM DAILY TOTAL WAS 1973 W/M^2 ON 5/10

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY ---

304 CASES OF SOLAR RADIATION BETWEEN 0 AND -10 SET TO 0

National Enrichment Facility

SOLAR RADIATION in W/M^2 for JUNE, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	TOTAL	MAX
01						62	208	476	667	836	939	972	980	910	800	633	369	146	31						8029	980
02						56	208	437	659	818	938	988	978	907	801	441	243	110	21						7605	988
03						55	225	399	642	802	910	966	949	871	761	565	275	229	54						7703	966
04						75	256	405	663	819	933	978	964	892	784	621	137	61	7						7595	978
05					1	61	154	342	396	684	602	497	841	888	775	624	306	172	43						6386	888
06						73	272	445	678	823	916	977	963	886	753	634	436	216	37						8109	977
07						89	280	488	685	835	918	992	980	904	796	625	428	218	45						8283	992
08						81	260	482	680	767	902	982	974	898	786	623	426	215	48						8124	982
09						81	264	470	664	791	858	856	857	886	803	649	442	229	50						7900	886
10						81	271	481	681	845	903	1006	998	912	814	648	449	233	52						8374	1006
11						81	266	461	672	829	853	893	861	902	493	357	328	172	40						7208	902
12						92	257	396	658	791	763	937	944	603	511	399	325	14		2					6692	944
13						75	252	414	423	631	781	753	578	371	426	114	63	47	20						4948	781
14						78	260	469	665	832	922	855	984	903	798	634	437	257	56						8150	984
15						57	251	480	647	841	896	944	755	702	743	461	208	106	26						7117	944
16						80	266	475	732	874	693	840	619	946	641	649	454	207	21						7497	946
17						68	267	477	670	831	898	977	983	717	746	646	421	172	72						7945	983
18						78	265	490	685	839	898	999	988	780	816	649	450	235	56						8228	999
19						84	276	489	684	835	896	989	981	906	801	639	313	87	65						8045	989
20						83	278	493	690	842	902	987	973	910	806	644	447	241	60						8356	987
21						64	253	472	691	824	862	871	721	631	595	544	387	180	66						7161	871
22						84	274	485	678	830	893	992	972	878	796	667	349	212	50						8160	992
23						85	278	494	693	850	910	1011	1002	930	824	659	460	247	61						8504	1011
24						79	270	489	688	844	906	1012	1006	929	822	660	464	253	62						8484	1012
25						79	262	480	679	833	896	1002	996	926	813	650	453	242	59						8370	1002
26						80	269	483	683	832	889	999	996	921	813	655	452	247	65						8384	999
27						67	243	451	645	806	868	972	972	801	537	469	123	134	38						7126	972
28						68	247	456	651	808	866	974	970	756	770	543	346	221	51						7727	974
29						70	244	454	653	813	868	972	970	895	787	624	429	225	53						8057	972
30						69	241	450	662	804	866	971	974	868	803	633	439	234	56						8070	974
MEAN	0	0	0	0	0	74	254	460	655	814	871	939	924	841	740	579	362	185	45	0	0	0	0	0	7745	
MAX	0	0	0	0	1	92	280	494	732	874	939	1012	1006	946	824	667	464	257	72	2	0	0	0	0		1012
MIN	0	0	0	0	0	55	154	342	396	631	602	497	578	371	426	114	63	14	0	0	0	0	0	0		

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN OF DATA > 0 = 552 W/M^2 MAXIMUM DAILY TOTAL WAS 8504 W/M^2 ON 6/23

MAXIMUM SOLAR RADIATION WAS 1012 W/M^2 ON 6/24 AT 1200 MINIMUM DAILY TOTAL WAS 4948 W/M^2 ON 6/13

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY ---

297 CASES OF SOLAR RADIATION BETWEEN 0 AND -10 SET TO 0

Appendix F
Hourly Barometric Pressure Data for April through June 2012

National Enrichment Facility

PRESSURE in mb for APRIL, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	891	891	891	891	891	891	891	892	891	891	891	890	889	888	887	887	886	886	886	886	886	886	886	886	889	892	886
02	886	885	886	886	886	886	887	886	886	886	886	886	886	886	886	886	887	887	887	888	889	890	890	891	887	891	885
03	891	891	891	892	892	893	894	894	895	895	895	895	895	894	894	894	894	895	895	896	897	897	897	897	894	897	891
04	897	897	898	897	897	897	897	898	898	897	897	896	895	894	893	892	892	892	892	893	894	894	894	894	895	898	892
05	894	893	893	893	894	894	895	895	895	895	895	894	894	893	892	892	891	892	892	893	893	894	894	895	894	895	891
06	894	894	894	894	895	895	896	896	896	896	896	895	895	894	893	893	893	893	894	895	896	896	897	897	895	897	893
07	897	897	897	898	898	899	900	900	901	901	901	902	902	902	902	902	902	902	903	905	906	907	907	908	902	908	897
08	907	906	906	907	907	907	908	908	908	908	908	907	906	905	904	904	903	903	903	903	903	904	904	904	905	908	903
09	904	903	903	903	902	902	903	903	903	903	902	901	901	900	899	898	898	898	899	898	899	899	900	900	901	904	898
10	900	900	900	900	900	901	901	901	901	901	901	900	899	898	898	897	897	897	897	898	899	899	900	900	899	901	897
11	899	899	899	899	900	901	900	900	900	899	899	898	897	897	896	895	895	895	896	897	897	897	897	896	898	901	895
12	896	896	896	896	895	895	896	896	896	896	895	895	894	893	892	892	891	892	892	892	893	894	895	895	894	896	891
13	894	894	894	894	894	895	895	895	895	895	894	893	893	892	891	890	890	889	889	890	890	890	889	889	892	895	889
14	888	888	888	888	888	889	889	889	889	888	888	887	886	884	883	883	882	882	883	885	887	889	889	890	887	890	882
15	890	891	891	892	893	893	894	894	894	894	894	894	894	894	893	893	894	894	895	896	897	898	898	898	894	898	890
16	898	899	899	899	900	901	902	902	903	903	903	902	901	900	900	900	900	900	901	901	902	902	903	903	901	903	898
17	904	904	904	904	904	904	905	905	905	905	905	904	903	902	901	901	900	900	900	900	901	901	901	901	903	905	900
18	901	900	900	900	900	900	901	901	900	900	900	899	898	897	896	895	894	894	894	894	895	895	895	895	898	901	894
19	894	894	894	894	894	894	895	895	895	895	895	894	894	892	891	891	891	891	891	892	893	893	894	894	893	895	891
20	895	895	895	896	897	898	899	900	901	901	901	901	901	901	900	899	899	900	900	900	901	901	901	901	899	901	895
21	901	901	901	901	901	901	901	901	901	901	901	900	899	899	898	897	897	897	897	898	899	899	900	900	900	901	897
22	900	900	900	900	900	901	901	902	902	902	902	901	901	900	900	899	899	899	900	900	902	903	903	903	901	903	899
23	903	903	903	904	905	905	905	905	905	905	905	904	902	902	901	900	899	899	899	899	899	900	900	899	902	905	899
24	899	898	898	898	898	898	898	898	899	898	898	897	896	895	894	894	893	893	893	893	894	894	894	895	896	899	893
25	894	894	894	894	894	895	895	895	895	895	895	894	894	893	893	892	892	892	892	893	894	894	894	894	894	895	892
26	894	893	894	894	895	895	895	896	895	895	895	895	894	894	893	892	891	891	891	891	891	891	891	891	893	896	891
27	891	891	891	892	893	893	894	894	894	894	894	893	892	891	890	890	889	889	889	890	891	891	891	891	892	894	889
28	891	891	891	891	892	892	893	893	893	893	893	892	891	891	890	889	889	889	889	890	890	891	891	891	891	893	889
29	891	891	891	892	892	893	894	895	895	895	895	894	894	893	892	892	892	892	892	893	894	895	895	895	893	895	891
30	895	895	895	895	895	896	896	896	896	896	896	895	895	894	893	892	891	891	892	893	893	893	893	893	894	896	891
MEAN	896	896	896	896	896	897	897	898	898	898	897	897	896	895	894	894	894	894	894	895	895	896	896	896	896		
MAX	907	906	906	907	907	907	908	908	908	908	908	907	906	905	904	904	903	903	903	905	906	907	907	908		908	
MIN	886	885	886	886	886	886	887	886	886	886	886	886	886	884	883	883	882	882	883	885	886	886	886	886			882

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 896 mb

MAXIMUM PRESSURE WAS 908 mb ON 4/ 8 AT 1000

MAXIMUM DAILY MEAN WAS 905 mb ON 4/ 8

MINIMUM PRESSURE WAS 882 mb ON 4/14 AT 1800

MINIMUM DAILY MEAN WAS 887 mb ON 4/14

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

PRESSURE in mb for MAY, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	893	893	893	893	893	893	894	894	894	894	893	892	891	890	890	889	889	889	890	891	892	892	892	892	892	894	889
02	892	892	892	892	893	893	894	894	895	894	894	893	893	892	891	891	891	891	892	893	893	893	894	895	893	895	891
03	894	894	894	895	895	896	896	897	897	897	897	896	896	896	895	894	894	894	895	896	896	896	897	897	896	897	894
04	896	896	896	896	897	897	897	898	898	897	897	897	896	895	895	894	894	894	894	895	895	895	895	895	896	898	894
05	894	895	895	895	895	895	896	896	896	896	895	895	894	894	893	893	893	893	893	893	894	894	894	894	894	896	893
06	894	894	894	894	894	895	895	896	896	896	896	896	895	895	894	893	893	893	894	894	895	896	896	896	895	896	893
07	896	896	896	897	897	898	898	899	899	899	899	898	897	897	896	895	894	895	896	898	898	900	900	899	897	900	894
08	900	899	900	900	900	901	901	902	902	902	902	902	901	901	900	899	899	900	900	901	901	902	902	902	901	902	899
09	902	901	901	901	901	902	902	903	903	903	902	901	900	899	898	897	897	896	896	897	897	898	897	896	900	903	896
10	897	896	896	896	895	895	896	895	895	894	894	893	893	893	892	893	893	893	893	893	893	893	893	893	894	897	892
11	893	893	893	893	894	894	895	896	896	897	897	897	897	897	897	897	897	898	899	900	901	902	902	903	897	903	893
12	903	903	903	904	904	905	906	906	906	907	907	906	905	905	904	903	903	903	903	904	905	906	906	905	905	907	903
13	905	905	905	906	906	906	906	906	906	906	906	906	905	903	902	902	902	902	902	903	905	904	903	903	904	906	902
14	903	902	901	902	902	903	904	904	903	904	904	903	901	901	902	902	901	901	902	902	903	903	903	903	903	904	901
15	902	902	902	903	903	904	904	904	905	904	904	904	903	903	902	902	901	901	902	902	903	903	903	903	903	905	901
16	903	902	902	902	902	903	903	903	903	903	903	902	902	901	900	899	899	899	899	900	900	900	900	900	901	903	899
17	899	899	899	899	899	899	900	900	899	899	898	898	897	896	895	894	894	894	893	894	894	894	894	894	897	900	893
18	894	893	893	893	893	893	893	893	893	893	893	892	891	891	890	890	889	889	890	891	892	892	892	892	892	894	889
19	892	892	892	892	892	893	894	894	895	895	895	894	894	893	893	893	892	892	893	894	895	896	896	896	894	896	892
20	896	896	896	897	898	899	900	901	901	901	901	901	901	900	900	899	899	899	900	901	902	902	903	903	900	903	896
21	903	903	903	903	903	904	904	904	904	905	904	904	903	902	902	901	901	901	901	901	901	901	901	901	902	905	901
22	901	901	901	901	901	900	900	900	900	899	898	897	896	895	894	893	892	892	892	892	892	892	891	891	896	901	891
23	890	890	889	889	889	889	890	890	889	889	889	888	887	886	885	885	884	884	884	884	885	885	885	885	887	890	884
24	885	885	885	886	886	887	888	888	888	888	888	888	888	887	887	887	886	886	887	887	888	888	889	889	887	889	885
25	889	889	889	890	891	891	892	892	892	893	893	893	892	892	891	891	891	891	892	893	893	894	894	894	892	894	889
26	895	894	895	895	895	895	896	896	896	896	895	895	894	894	893	892	892	891	892	892	895	897	895	894	894	897	891
27	894	894	894	894	894	895	895	895	895	895	895	894	894	893	893	892	892	892	892	893	894	894	895	895	894	895	892
28	894	894	894	895	895	896	896	897	897	896	896	896	895	895	894	894	893	893	893	894	894	895	895	895	895	897	893
29	895	895	895	895	896	896	897	897	897	897	897	896	896	895	895	894	894	894	894	894	894	895	895	895	895	897	894
30	894	894	894	894	894	894	895	895	894	894	894	893	892	892	891	890	890	889	889	890	890	890	891	891	892	895	889
31	891	890	891	891	891	893	894	895	895	895	896	896	896	896	895	895	895	895	896	897	897	898	898	898	895	898	890
MEAN	896	896	896	896	896	897	897	898	898	898	898	897	896	896	895	895	894	894	895	895	896	896	896	896	896		
MAX	905	905	905	906	906	906	906	906	906	907	907	906	905	905	904	903	903	903	903	904	905	906	906	905		907	
MIN	885	885	885	886	886	887	888	888	888	888	888	888	887	886	885	885	884	884	884	884	885	885	885	885			884

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 896 mb

MAXIMUM PRESSURE WAS 907 mb ON 5/12 AT 1000

MAXIMUM DAILY MEAN WAS 905 mb ON 5/12

MINIMUM PRESSURE WAS 884 mb ON 5/23 AT 1800

MINIMUM DAILY MEAN WAS 887 mb ON 5/24

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

National Enrichment Facility

PRESSURE in mb for JUNE, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MN	MAX	MIN
01	898	898	898	899	899	900	900	900	899	899	899	898	897	897	896	895	894	894	894	894	894	895	895	895	897	900	894
02	895	896	896	895	895	896	896	896	896	896	896	895	895	894	893	893	892	892	892	893	893	894	894	894	894	896	892
03	893	893	893	894	894	894	894	894	894	894	894	894	893	893	892	892	892	892	892	893	894	894	895	894	893	895	892
04	894	894	894	894	894	894	894	895	895	895	895	895	894	893	892	891	891	892	893	893	894	895	895	896	894	896	891
05	897	896	897	897	896	897	897	897	897	897	896	896	895	894	893	893	892	892	892	893	894	894	894	893	895	897	892
06	893	893	893	893	893	894	894	895	895	895	895	894	893	893	892	891	891	891	892	892	893	894	895	894	893	895	891
07	894	894	894	894	895	895	896	896	897	897	897	896	896	895	895	895	894	894	895	896	896	897	897	897	895	897	894
08	897	897	897	898	898	899	899	899	899	899	898	897	897	896	896	895	894	894	894	894	894	895	895	894	896	899	894
09	894	893	893	893	893	893	893	893	893	892	892	891	891	890	889	888	888	888	888	889	889	889	890	890	891	894	888
10	890	890	890	891	891	891	892	892	893	893	893	892	892	892	891	891	891	891	892	892	893	893	893	893	892	893	890
11	893	894	894	895	895	896	896	897	897	897	897	898	897	897	896	896	896	896	896	896	897	898	898	898	896	898	893
12	899	898	898	898	898	899	900	901	901	901	901	900	899	898	897	896	895	894	897	898	898	897	897	897	898	901	894
13	897	898	898	898	898	898	898	898	898	898	898	896	896	895	894	894	893	892	892	893	894	894	894	893	896	898	892
14	893	893	893	893	894	894	894	895	895	894	894	893	893	892	892	891	890	891	891	891	892	893	894	895	893	895	890
15	895	895	895	895	895	896	896	896	896	896	896	896	896	895	894	893	893	894	895	895	897	898	898	898	895	898	893
16	898	898	898	898	899	899	900	899	899	899	899	899	899	898	897	897	896	897	898	899	900	901	901	902	899	902	896
17	902	902	901	901	900	900	901	901	900	900	899	898	897	896	895	894	893	893	893	893	893	894	894	893	897	902	893
18	893	892	892	892	891	891	891	892	891	891	891	890	890	889	888	887	887	887	887	888	889	890	890	890	890	893	887
19	890	890	890	890	890	890	890	891	891	891	891	890	890	889	889	888	888	888	889	889	891	891	891	891	890	891	888
20	891	891	891	891	891	892	892	892	892	893	893	893	892	892	892	891	891	892	892	893	894	895	896	896	892	896	891
21	896	897	897	898	898	898	899	900	901	901	901	901	900	900	899	898	898	898	899	899	899	899	899	900	899	901	896
22	900	899	899	900	900	900	900	900	900	900	900	899	898	898	897	896	896	896	896	896	897	897	897	897	898	900	896
23	897	897	897	897	897	897	898	898	898	898	898	897	897	897	896	896	896	896	896	897	897	898	898	898	897	898	896
24	898	898	898	899	899	900	900	900	900	900	900	900	899	899	898	898	898	897	898	898	899	899	899	899	899	900	897
25	899	899	899	900	900	900	901	901	901	900	900	899	899	898	897	897	897	896	896	897	897	897	897	897	899	901	896
26	897	897	897	897	897	897	898	898	898	898	898	897	896	895	895	894	894	894	894	894	895	895	896	896	896	898	894
27	896	896	895	896	896	897	898	898	898	898	898	897	897	897	896	896	896	896	896	896	896	897	898	898	897	898	895
28	898	898	898	898	899	899	900	900	900	900	900	900	899	899	898	898	897	897	898	898	898	899	899	899	899	900	897
29	899	899	899	898	899	899	899	899	899	899	899	898	897	897	896	895	894	894	894	895	895	896	896	896	897	899	894
30	896	896	896	896	895	896	896	896	896	896	896	896	895	895	894	894	893	893	894	895	895	896	896	895	895	896	893
MEAN	896	896	896	896	896	896	897	897	897	897	897	896	896	895	894	894	893	893	894	894	895	896	896	896	895		
MAX	902	902	901	901	900	900	901	901	901	901	901	901	900	900	899	898	898	898	899	899	900	901	901	902		902	
MIN	890	890	890	890	890	890	890	891	891	891	891	890	890	889	888	887	887	887	887	888	889	889	890	890			887

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

MONTHLY MEAN = 895 mb

MAXIMUM PRESSURE WAS 902 mb ON 6/17 AT 100

MAXIMUM DAILY MEAN WAS 899 mb ON 6/21

MINIMUM PRESSURE WAS 887 mb ON 6/18 AT 1800

MINIMUM DAILY MEAN WAS 890 mb ON 6/19

MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

Appendix G
Hourly Precipitation Data for April through June 2012

National Enrichment Facility

PRECIPITATION in inches for APRIL, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	TOT	MAX HR
01																									.00	.00
02																									.00	.00
03																									.00	.00
04																									.00	.00
05																									.00	.00
06																									.00	.00
07																									.00	.00
08																									.00	.00
09																									.00	.00
10																									.00	.00
11																			.01	.01					.02	.01
12																									.00	.00
13																									.00	.00
14																									.00	.00
15																									.00	.00
16																									.00	.00
17																									.00	.00
18																									.00	.00
19																									.00	.00
20																									.00	.00
21																									.00	.00
22																									.00	.00
23																									.00	.00
24																									.00	.00
25																									.00	.00
26																									.00	.00
27																									.00	.00
28																									.00	.00
29																									.00	.00
30																									.00	.00

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

TOTAL PRECIPITATION for the MONTH = .02 inches

MAXIMUM DAILY PRECIPITATION WAS .02 inches on 4/11

MAXIMUM HOURLY PRECIPITATION WAS .01 inches on 4/11 at 1900

MISSING DATA IS INDICATED BY ---
BLANKS INDICATE ZERO PRECIPITATION

National Enrichment Facility

PRECIPITATION in inches for MAY, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	TOT	MAX HR
01																									.00	.00
02																									.00	.00
03																									.00	.00
04																									.00	.00
05																									.00	.00
06																									.00	.00
07																						.03	.19		.22	.19
08	.01		.04	.01		.01		.01																	.08	.04
09																									.00	.00
10	.02	.06	.19	.21	.01	.03	.26	.31	.03						.46	.10	.05	.04	.01						1.78	.46
11		.01										.01													.02	.01
12																			.01						.01	.01
13																				.02	.08	.02			.12	.08
14								.04	.02			.01					.01								.08	.04
15					.01																				.01	.01
16																									.00	.00
17																									.00	.00
18																									.00	.00
19																									.00	.00
20																									.00	.00
21																									.00	.00
22																									.00	.00
23																									.00	.00
24																									.00	.00
25																									.00	.00
26																					.04	.71			.75	.71
27		.01																							.01	.01
28																									.00	.00
29																									.00	.00
30																									.00	.00
31																									.00	.00

POSSIBLE NUMBER OF OBSERVATIONS = 744 ACTUAL NUMBER OF OBSERVATIONS = 744 DATA RECOVERY RATE = 100 %

TOTAL PRECIPITATION for the MONTH = 3.08 inches

MAXIMUM DAILY PRECIPITATION WAS 1.78 inches on 5/10

MAXIMUM HOURLY PRECIPITATION WAS .71 inches on 5/26 at 2200

MISSING DATA IS INDICATED BY ---
BLANKS INDICATE ZERO PRECIPITATION

National Enrichment Facility

PRECIPITATION in inches for JUNE, 2012

HR END DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	TOT	MAX HR
01																									.00	.00
02																									.00	.00
03																									.00	.00
04																									.00	.00
05																									.00	.00
06																									.00	.00
07																									.00	.00
08																									.00	.00
09																									.00	.00
10																									.00	.00
11																									.00	.00
12																			.14	.06					.20	.14
13																									.00	.00
14																									.00	.00
15																									.00	.00
16																									.00	.00
17																									.00	.00
18																									.00	.00
19																									.00	.00
20																									.00	.00
21																									.00	.00
22																									.00	.00
23																									.00	.00
24																									.00	.00
25																									.00	.00
26																									.00	.00
27																									.00	.00
28																									.00	.00
29																									.00	.00
30																									.00	.00

POSSIBLE NUMBER OF OBSERVATIONS = 720 ACTUAL NUMBER OF OBSERVATIONS = 720 DATA RECOVERY RATE = 100 %

TOTAL PRECIPITATION for the MONTH = .20 inches

MAXIMUM DAILY PRECIPITATION WAS .20 inches on 6/12

MAXIMUM HOURLY PRECIPITATION WAS .14 inches on 6/12 at 1900

MISSING DATA IS INDICATED BY ---
BLANKS INDICATE ZERO PRECIPITATION