

OCTOBER 2007
MONTHLY DATA REPORT

FOR THE
WARREN COUNTY AIR MONITORING PROJECT

Ref. No. 7047.08
November 29, 2007

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Prepared For:

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List of Abbreviations and Terms Used in This Report

- ACO** – Administrative Consent Order
- AMP** – Air Monitoring Plan – The document that presents the overall scope of work for the monitoring program.
- DQOs** - Data Quality Objectives – Established criteria defining data quality goals (i.e., data accuracy, precision, completeness, and representativeness) for the WCAMP. These criteria presented in Table 1-1 of this report
- NJDEP** - New Jersey Department of Environmental Protection
- NAAQS** – National Ambient Air Quality Standards set by the U.S. EPA for specific “criteria” pollutants.
- PCFA**- Pollution Control Financing Authority of Warren County
- QAPP** – Quality Assurance Project Plan – The document that presents the quality assurance and quality control procedures that will be used in the monitoring program to ensure that high quality, representative data are being measured.
- WCAMP** – Warren County Air Monitoring Project
- SO₂** – Sulfur dioxide – A gas formed from the burning of fossil fuels.
- Precision** - The degree of mutual agreement among a series of individual measurements, values, or results; expressed by the standard deviation.
- Accuracy** - Accuracy refers to the closeness of measurements to the correct or accepted value of the quantity measured.
- Completeness** – The number of data values collected and reported over a given time interval compared to the total number of possible data values for that time interval.
- Null Data Codes** – The United States Environmental Protection Agency’s designated coding system used to replace invalid or missing data values. Typical null data codes that may appear in the tabular data are:
- 9991 - Level 1 Zero/Span Check
 - 9995 – Multipoint Calibration
 - 9986- Meteorological calibration; Zero/Span Check
 - 9980 – Analyzer/Sensor Malfunction or Failure
- ppm** – parts per million; a unit of measurement specifying a concentration
- mph** – miles per hour; a unit of measurement for wind speed
- °C** – degrees Celsius (or centigrade); a unit of measurement for temperature

1. Introduction

As a condition of an Administrative Consent Order (ACO) between Pollution Control Financing Authority of Warren County (PCFA) and the New Jersey Department of Environmental Protection (NJDEP), PCFA has elected to establish an ambient air monitoring program in the vicinity of the town of Belvidere in Warren County, New Jersey. Specifically, the Supplemental Environmental Project mandated under the ACO and described in the associated Air Monitoring Plan (AMP) and Quality Assurance Project Plan (QAPP) calls for the monitoring of Sulfur Dioxide (SO₂), and specified meteorological parameters.

The project has been designated the Warren County Air Monitoring Project (WCAMP). The primary purpose of the WCAMP is to obtain and report air quality information from Belvidere and surrounding areas and, where possible, to compare such air quality concentrations to appropriate federal or state standards.

Under the terms of the ACO, PCFA has retained and oversees a qualified contractor, Enviroplan Consulting, to set up and operate the monitoring program. PCFA is required to coordinate these activities through the New Jersey Department of Environmental Protection (NJDEP).

This report provides the monthly data tabulations and analysis required for the WCAMP air quality and meteorological monitoring network. Procedures governing operation, maintenance, calibration, data reduction, processing, validation and reporting activities as well as attendant quality control, quality assurance and auditing activities conform to the technical guidance contained in the WCAMP AMP and QAPP. These documents have been reviewed and received conditional approval from the NJDEP.

Section 2 of this report provides an analysis of the pollutant and meteorological data collected during the month. Tables 2-1 and 2-2 present the maximum hourly averages for continuously - measured pollutants. Table 2-3 presents the data recovery rates by parameter and Table 2-4 presents explanations for missing data.

Additionally, two appendices are included in this report. Appendix A presents the hourly-averaged and five-minute measurement data for SO₂. Appendix B presents the hourly-averaged meteorological data.

Table 1-1: Data Quality Objectives

Parameter	Precision (%)	Accuracy	Completeness (%)
SO ₂	≤ ±15	Within ±15% of Observed	≥75
Wind Speed	n/a	Within ± 0.2 m/s + 5% of Observed	≥90
Wind Direction	n/a	Within ±5 degrees azimuth of Observed	≥90
Air Temperature	n/a	Within ±5°C of Observed	≥90
Solar Radiation	n/a	Within ±10% of Observed	≥90

n/a – not applicable

2 Maximum Averages and Data Recovery

This section provides a summary of the relevant maximum hourly averages for continuously-measured pollutants as they apply to the NAAQS.

Additionally, this section presents the monthly data recovery percentages and the explanations of missing data.

Table 2-1: Maximum Hourly and Five-Minute SO2 Averages – Belvidere High School

NAAQS - National Ambient Air Quality Standards			
Pollutant	Average Time	Primary Standard	Secondary Standard
Sulfur Dioxide (SO2)	Annual Arithmetic Mean	0.03 ppm	-
	24-Hour	0.14 ppm	-
	3-Hour	-	0.50 ppm

Belvidere High School										
Parameter/Units	Maximum Running 3-Hour Conc.	Date (Hour)	2nd Highest Running 3-Hour Conc.	Date (Hour)	Maximum Running 24-Hour Conc.	Date (Hour)	2nd Highest Running 24-Hour Conc.	Date (Hour)	Monthly Arith. Mean	Annual Arith. Mean
SO2 ppm	.022	10/9 (11)	.013	10/10 (15)	.004	10/9 (11)	.003	10/21 (17)	.000	.002
					Maximum 24-Hour Block Conc.	Date	2nd Highest 24-Hour Block Conc.	Date		
					.003	10/9, 10/21	.002	10/8,10/10, 10/30		

Belvidere High School					
Parameter/Units	Maximum 5-Minute Conc.	Date (Time)	5-Minute Averages of 0.3 ppm or Greater	1-Hour Average Preceding the 0.3 ppm Average	1-Hour Average Following the 0.3 ppm Average
SO2 ppm	.063	10/9 (11:10)	None	-	-

Maximum Hourly Averages Report - SO2 Validated DataBase
3-Hour Running, Non-Overlapping Averages

October 2007

Logger Id : HS
Logger Name : Belvidere HS
Avg Interval: 03 hour
Parameter : SO2
Units : PPM
Avg Type : Backward

Rank	Average	Date	Hour
1	.022	10/09/07	11
2	.013	10/10/07	15
3	.012	10/21/07	12
4	.009	10/30/07	11
5	.008	10/07/07	12
6	.007	10/08/07	17
7	.007	10/11/07	16
8	.007	10/13/07	11
9	.007	10/16/07	15
10	.007	10/30/07	14

Table 2-2: Maximum Hourly and Five-Minute SO2 Averages – Demeter Farm

NAAQS - National Ambient Air Quality Standards			
Pollutant	Average Time	Primary Standard	Secondary Standard
Sulfur Dioxide (SO2)	Annual Arithmetic Mean	0.03 ppm	-
	24-Hour	0.14 ppm	-
	3-Hour	-	0.50 ppm

Demeter Farm										
Parameter/ Units	Maximum Running 3-Hour Conc.	Date (Hour)	2 nd Highest Running 3-Hour Conc.	Date (Hour)	Maximum Running 24-Hour Conc.	Date (Hour)	2 nd Highest Running 24-Hour Conc.	Date (Hour)	Monthly Arith. Mean	Annual Arith. Mean to Date
SO2 ppm	.028	10/30 (6)	.025	10/9 (11)	.015	10/30 (12)	.013	10/21 (12), 10/31 (12)	.005	.006
					Maximum 24-Hour Block Conc	Date	2 nd Highest 24-Hour Block Conc.	Date		
					.015	10/30	.012	10/21		

Demeter Farm					
Parameter/Units	Maximum 5-Minute Conc.	Date (Time)	5-Minute Averages of 0.3 ppm or Greater	1-Hour Average Preceding the 0.3 ppm Average	1-Hour Average Following the 0.3 ppm Average
SO2 ppm	.131	10/9 (09:10)	None	-	-

Maximum Hourly Averages Report - SO2 Validated DataBase
3-Hour Running, Non-Overlapping Averages

October 2007

Logger Id : DF
Logger Name : Demeter Farm
Avg Interval: 03 hour
Parameter : SO2
Units : PPM
Avg Type : Backward

Rank	Average	Date	Hour
1	.028	10/30/07	06
2	.025	10/09/07	11
3	.023	10/31/07	04
4	.022	10/30/07	00
5	.019	10/21/07	10
6	.019	10/30/07	09
7	.018	10/31/07	07
8	.017	10/20/07	21
9	.017	10/30/07	23
10	.016	10/09/07	02

Maximum Hourly Averages Report - SO2 Validated DataBase
24-Hour Running, Non-Overlapping Averages

October 2007

Logger Id : DF
Logger Name : Demeter Farm
Avg Interval: 24 hour
Parameter : SO2
Units : PPM
Avg Type : Backward

Rank	Average	Date	Hour
1	.015	10/30/07	12
2	.013	10/21/07	12
3	.013	10/31/07	12
4	.012	10/09/07	11
5	.010	10/07/07	12
6	.007	10/14/07	05
7	.007	10/22/07	12
8	.006	10/05/07	07
9	.006	10/18/07	06
10	.006	10/28/07	01

Table 2-3: Data Recovery Rates

Site	Parameter	Data Recovery Rate (%)
Belvidere High School	SO2	99.6
	Horizontal Wind Speed	99.7
	Horizontal Wind Direction	99.7
	Standard Deviation	99.7
Demeter Farm	SO2	99.5
	Horizontal Wind Speed	99.7
	Horizontal Wind Direction	99.7
	Standard Deviation	99.7
	Temperature	99.7
	Solar Radiation	99.7

General Notes:

Data collection efficiencies are based on the number of valid data values reported from a given monitor divided by the total number of possible data values in the reporting period. For continuously-measured parameters, the total number of possible data values is the number of hours in the reporting period; for episodic monitors, the total number of possible data values is the number of scheduled sample events in the reporting period. The resulting ratio is expressed as a percentage.

When monitoring operations begin other than on the first day and hour of the reporting period, or in instances where agency approval for suspension of monitoring for a portion of the reporting period has occurred, calculation of data collection efficiencies for the reporting period is as described above except that the total number of possible data values is pro-rated in accordance with the actual active monitoring interval.

n/a – not applicable

Table 2-4: Missing Data Report

The following table describes periods of invalid data due to instrument malfunction, power outages and weather related data loss. Periods of routine instrument testing are not included in explanations of missing data.

Site	Date (Hours)	Parameter	Explanation
All Parameters Satisfactory			

Appendix A: Hourly and Five Minute SO2 Averages

Definitions of Null Data Codes for the Hourly Missing Data:

- 9975 – Data Can Not be Calculated
- 9979 – Miscellaneous Void
- 9980 – Analyzer Malfunction or Failure
- 9991 – Level 1 Zero/Span Check
- 9992 – Independent Audit
- 9993 - Maintenance
- 9995 – Multipoint Calibration
- 9996 – Auto Calibration
- 9998 – Precision/ Zero/Span Check

Note that the five-minute data will have the symbol “ < ” indicating missing data for the period.

Monthly Parameter Report -SO2 1- Hour Block Averages

10/07

Logger Id : HS
 Site Name : Belvidere HS
 Parameter : SO2
 Units : PPM
 Avg Interval : 01

Day	Hours																								Max	Avg	Rds	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
01	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	24	
02	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
03	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
04	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003	.003	.004	.000	.001	.002	.001	.000	.000	.000	.000	.000	.000	.000	.000	.004	.000	24
05	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.011	.006	.003	.002	.002	.002	.001	.000	.000	.000	.000	.000	.000	.000	.000	.011	.001	24
06	.000	.000	.000	.000	.000	.000	.000	.002	.003	.003	.002	.001	.002	.002	.006	.004	.006	.004	.001	.000	.000	.000	.000	.000	.000	.006	.001	24
07	.000	.000	.000	.000	.000	.000	.000	.000	.002	.007	.004	.007	.014	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.014	.001	24
08	.000	.000	.000	.000	.000	.000	.001	.002	.003	.005	.005	.003	.002	.001	.002	.005	.008	.008	.003	.000	.000	.000	.000	.000	.000	.008	.002	24
09	.002	.003	.002	.000	.000	.000	.000	.000	.005	.026	.016	.025	.001	.000	.000	.000	.000	.000	.002	.000	.000	.000	.000	.000	.000	.026	.003	24
10	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.003	.001	.004	.012	.015	.013	.007	.002	.000	.000	.000	.000	.000	.000	.000	.015	.002	24
11	.000	.000	.000	.000	.004	.000	.000	.000	.002	.000	.000	.000	9998	9998	.023	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.023	.001	22
12	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
13	.000	.000	.000	.000	.000	.000	.000	.000	.002	.004	.010	.007	.003	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.010	.001	24
14	.000	.000	.000	.000	.000	.000	.000	.000	.004	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.004	.000	24
15	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002	.001	.005	.003	.003	.002	.001	.000	.000	.000	.000	.000	.000	.000	.005	.000	24
16	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.005	.012	.006	.000	.000	.000	.000	.000	.000	.000	.000	.000	.012	.000	24
17	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	9998	.008	.003	.003	.002	.002	.000	.000	.000	.000	.000	.000	.000	.000	.008	.000	23
18	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.002	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.000	24
19	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
20	.000	.000	.000	.000	.000	.000	.000	.000	.003	.004	.002	.000	.000	.001	.001	.000	.000	.000	.000	.000	.000	.000	.001	.001	.004	.000	.000	24
21	.000	.000	.000	.000	.000	.000	.000	.000	.003	.007	.012	.014	.011	.007	.005	.004	.005	.003	.001	.000	.000	.000	.000	.000	.000	.014	.003	24
22	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002	.002	.001	.001	.003	.003	.001	.000	.000	.000	.000	.000	.000	.000	.003	.000	.000	24
23	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	.000	.000	.001	.000	.000	24
24	.001	.002	.000	.000	.003	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.003	.000	.000	24
25	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
26	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
27	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.006	.005	.002	.002	.002	.002	.002	.002	.002	.003	.001	.001	.006	.001	24
28	.000	.000	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.003	.002	.000	.000	.003	.000	24
29	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	.000	.000	.000	.000	.000	.001	.000	.000	24
30	.000	.000	.000	.000	.000	.000	.000	.000	.005	.009	.009	.009	.008	.008	.007	.007	.003	.001	.000	.000	.000	.000	.000	.000	.000	.009	.002	24
31	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003	.003	.002	.003	.003	.005	.004	.002	.001	.001	.001	.000	.001	.001	.005	.001	.001	24
Max	.002	.003	.002	.000	.004	.000	.001	.002	.005	.026	.016	.025	.014	.012	.023	.013	.008	.008	.003	.002	.003	.003	.001	.001	.026			
Avg	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002	.002	.002	.002	.001	.003	.001	.001	.000	.000	.000	.000	.000	.000	.000		.000		
Rds	31	31	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31			741	

Monthly Parameter Report - SO2 3-Hour Averages

10/07

Logger Id : HS
 Site Name : Belvidere HS
 Parameter : SO2
 Units : PPM
 Avg Interval : 03

Hours

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Max	Avg	Rds		
01	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24	
02	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
03	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
04	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002	.003	.002	.001	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.003	.000	24
05	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.004	.006	.006	.003	.002	.002	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.006	.001	24
06	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002	.002	.002	.001	.001	.003	.004	.005	.004	.003	.001	.000	.000	.000	.000	.000	.000	.005	.001	24
07	.000	.000	.000	.000	.000	.000	.000	.000	.000	.003	.004	.006	.008	.007	.005	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.008	.001	24
08	.000	.000	.000	.000	.000	.000	.000	.001	.002	.003	.004	.004	.003	.002	.001	.002	.005	.007	.006	.003	.001	.000	.000	.000	.000	.000	.007	.001	24
09	.000	.001	.002	.001	.000	.000	.000	.000	.001	.010	.015	.022	.014	.008	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.022	.003	24	
10	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002	.002	.005	.010	.013	.011	.007	.003	.000	.000	.000	.000	.000	.000	.013	.002	24	
11	.000	.000	.000	.000	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.007	.000	20	
12	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
13	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.005	.007	.006	.003	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.007	.001	24
14	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	24	
15	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.002	.003	.003	.002	.002	.001	.000	.000	.000	.000	.000	.000	.000	.003	.000	24
16	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.005	.007	.006	.002	.000	.000	.000	.000	.000	.000	.000	.000	.007	.000	24
17	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.004	.002	.002	.001	.000	.000	.000	.000	.000	.000	.000	.000	.004	.000	21
18	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	24
19	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
20	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002	.003	.002	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.003	.000	24
21	.000	.000	.000	.000	.000	.000	.000	.000	.001	.003	.007	.011	.012	.010	.007	.005	.004	.004	.003	.001	.000	.000	.000	.000	.000	.012	.002	24	
22	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.001	.001	.001	.002	.002	.001	.000	.000	.000	.000	.000	.000	.000	.002	.000	24	
23	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
24	.000	.001	.001	.000	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	24	
25	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
26	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
27	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.003	.004	.003	.002	.002	.002	.002	.002	.002	.002	.001	.004	.001	24	
28	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.001	.000	.001	.000	.000	24	
29	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	24
30	.000	.000	.000	.000	.000	.000	.000	.000	.001	.004	.007	.009	.008	.008	.007	.007	.005	.003	.001	.000	.000	.000	.000	.000	.000	.009	.002	24	
31	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002	.002	.002	.002	.003	.004	.003	.002	.001	.001	.000	.000	.000	.000	.004	.000	24	
Max	.000	.001	.002	.001	.001	.001	.001	.001	.002	.010	.015	.022	.014	.010	.010	.013	.011	.007	.006	.003	.002	.002	.002	.001	.022				
Avg	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002	.002	.002	.001	.001	.001	.001	.000	.000	.000	.000	.000	.000		.000			
Rds	31	31	31	31	31	31	31	31	31	31	31	30	29	29	30	30	31	31	31	31	31	31	31	31			737		

10/29/07 15:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/29/07 16:00	.000	.000	.000	.000	.000	.000	.001	.000	.002	.001	.002	.002
10/29/07 17:00	.001	.001	.000	.001	.002	.002	.002	.001	.000	.000	.000	.000
10/29/07 18:00	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/29/07 19:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/29/07 20:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/29/07 21:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/29/07 22:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	C	C	C
10/29/07 23:00	C	C	C	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/30/07 00:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/30/07 01:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/30/07 02:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/30/07 03:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/30/07 04:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/30/07 05:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/30/07 06:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/30/07 07:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001
10/30/07 08:00	.003	.004	.004	.003	.003	.003	.004	.005	.006	.007	.008	.008
10/30/07 09:00	.008	.009	.008	.009	.010	.009	.009	.009	.010	.009	.008	.008
10/30/07 10:00	.009	.009	.009	.009	.009	.009	.011	.010	.010	.010	.009	.009
10/30/07 11:00	.009	.009	.010	.009	.009	.009	.009	.009	.009	.009	.009	.010
10/30/07 12:00	.009	.010	.010	.009	.009	.008	.007	.007	.007	.007	.007	.007
10/30/07 13:00	.007	.007	.008	.008	.009	.008	.008	.008	.007	.007	.007	.007
10/30/07 14:00	.008	.007	.007	.008	.007	.007	.007	.007	.007	.008	.008	.008
10/30/07 15:00	.008	.008	.009	.008	.008	.008	.007	.007	.006	.006	.006	.006
10/30/07 16:00	.005	.005	.004	.003	.003	.003	.003	.003	.002	.002	.003	.002
10/30/07 17:00	.003	.002	.002	.001	.001	.002	.001	.001	.002	.001	.001	.001
10/30/07 18:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/30/07 19:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/30/07 20:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/30/07 21:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/30/07 22:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	C	C	C
10/30/07 23:00	C	C	C	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/31/07 00:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/31/07 01:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/31/07 02:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/31/07 03:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/31/07 04:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/31/07 05:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/31/07 06:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/31/07 07:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/31/07 08:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
10/31/07 09:00	.000	.000	.000	.000	.000	.000	.001	.002	.002	.003	.003	.002
10/31/07 10:00	.004	.004	.004	.004	.003	.004	.004	.004	.003	.003	.002	.002

10/31/07 11:00	.003	.002	.003	.003	.003	.002	.003	.003	.003	.003	.003	.003	.003
10/31/07 12:00	.002	.002	.002	.001	.001	.001	.001	.002	.002	.002	.002	.002	.002
10/31/07 13:00	.002	.002	.002	.002	.002	.002	.003	.003	.004	.004	.004	.004	.004
10/31/07 14:00	.003	.004	.002	.002	.002	.002	.002	.002	.003	.003	.004	.004	.004
10/31/07 15:00	.004	.004	.004	.004	.005	.005	.005	.006	.006	.005	.005	.005	.004
10/31/07 16:00	.004	.004	.004	.005	.004	.004	.004	.004	.004	.003	.003	.003	.003
10/31/07 17:00	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002	.001	.002	.002
10/31/07 18:00	.002	.002	.001	.001	.002	.001	.000	.000	.000	.000	.001	.001	.001
10/31/07 19:00	.001	.001	.002	.002	.002	.002	.001	.001	.001	.001	.001	.001	.000
10/31/07 20:00	.001	.001	.001	.001	.001	.001	.001	.003	.001	.001	.001	.000	.000
10/31/07 21:00	.000	.000	.000	.000	.000	.000	.001	.001	.001	.001	.001	.001	.002
10/31/07 22:00	.002	.002	.001	.002	.002	.001	.002	.001	.002		C	C	C
10/31/07 23:00	C	C	C	.001	.002	.002	.001	.001	.001	.001	.001	.001	.001

Max .063
 Min .000
 Mean .000
 Records 8,709

Status : '<' - Less than ##% Data, 'P' - Power Fail, 'D' - Disabled, 'T' - Out-of-Control, 'F' - Boiler Off-Line,
 Flags : 'B' - Bad Status, 'C' - Calibration, 'M' - Maintenance, 'O' - Analog Overrange, 'U' - Analog Underrange,
 'A' - Arithmetic Error, '+' - Maximum, '-' - Minimum, 'R' - Rate of Change, 'H' - High-High Alarm,
 'L' - Low-Low Alarm, 'h' - High Alarm, 'l' - Low Alarm, 'J' - High Rate of Change, 'j' - Low Rate of Change,
 'V' - DIS #1 Obs, 'W' - DIS #2 Obs, 'X' - DIS #3 Obs, 'Y' - DIS #4 Obs, 'Z' - DIS #5 Obs.

Monthly Parameter Report - SO2 1-Hour Averages

10/07

Logger Id : DF
 Site Name : Demeter Farm
 Parameter : SO2
 Units : PPM
 Avg Interval : 01

		Hours																								Max	Avg	Rds	
Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23					
01	.002	.002	.002	.002	.002	.002	.002	.002	.003	.004	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.004	.002	24	
02	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.005	.004	.002	.002	.002	.002	.002	.002	.002	.002	.005	.002	24	
03	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	9998	9998	.002	.002	.002	.002	.003	.004	.003	.003	.003	.003	.004	.002	.002	22	
04	.003	.003	.003	.003	.003	.004	.005	.005	.013	.008	.005	.005	.004	.003	.005	.006	.004	.003	.003	.005	.005	.005	.006	.006	.013	.004	.004	24	
05	.005	.008	.007	.005	.006	.010	.007	.010	.007	.004	.003	.004	.003	.004	.005	.005	.005	.004	.003	.003	.004	.003	.003	.003	.010	.005	.005	24	
06	.007	.008	.009	.007	.006	.006	.005	.006	.005	.005	.005	.006	.005	.010	.012	.009	.011	.010	.009	.014	.010	.006	.005	.011	.014	.007	.007	24	
07	.016	.010	.009	.012	.012	.015	.012	.012	.006	.007	.005	.008	.009	.006	.002	.002	.002	.004	.006	.003	.034	.004	.003	.002	.034	.008	.008	24	
08	.002	.002	.002	.002	.003	.003	.003	.003	.004	.007	.005	.005	.005	.004	.005	.006	.012	.009	.013	.013	.010	.007	.007	.009	.013	.005	.005	24	
09	.016	.015	.017	.014	.017	.016	.014	.011	.010	.035	.015	.025	.004	.003	.003	.003	.002	.002	.007	.002	.002	.002	.002	.002	.035	.009	.009	24	
10	.002	.002	.002	.002	.002	.002	.002	.002	.002	.005	.006	.004	.003	.003	.005	.004	.006	.005	.005	.003	.002	.002	.002	.002	.002	.006	.003	.003	24
11	.002	.002	.003	.003	.008	.003	.003	.002	.002	.002	.002	.003	.002	.002	.015	.010	.002	.002	.002	.002	.002	.002	.002	.002	.015	.003	.003	.003	24
12	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	24
13	.002	.002	.003	.003	.003	.003	.005	.009	.010	.010	.013	.010	.006	.005	.005	.006	.005	.008	.005	.005	.005	.008	.005	.004	.013	.005	.005	.005	24
14	.004	.006	.010	.011	.007	.007	.007	.013	.013	.007	.004	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.013	.004	.004	.004	24
15	.002	.002	.002	.002	.004	.003	.003	.003	.003	.011	.008	.010	.008	.008	.008	.007	.006	.006	.007	.006	.004	.004	.003	.003	.011	.005	.005	.005	24
16	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002	.002	.002	.003	.004	.004	.003	.003	.003	.003	.004	.005	.004	.005	.005	.003	.003	.003	24
17	.006	.006	.004	.004	.004	.003	.003	.003	.005	.005	.010	.008	9998	9998	.006	.006	.006	.006	.006	.006	.006	.006	.007	.007	.010	.005	.005	.005	22
18	.007	.006	.005	.005	.004	.006	.006	.007	.008	.008	.006	.005	.005	.005	.005	.005	.005	.006	.006	.004	.003	.003	.003	.003	.008	.005	.005	.005	24
19	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.003	.003	.002	.002	.002	.002	.002	.002	.003	.003	.004	.004	.002	.002	.002	24
20	.005	.005	.008	.009	.008	.008	.011	.009	.008	.007	.005	.005	.005	.005	.006	.005	.005	.008	.012	.018	.017	.016	.012	.007	.018	.008	.008	.008	24
21	.011	.019	.014	.016	.015	.015	.015	.013	.016	.022	.021	.016	.014	.010	.009	.008	.010	.009	.006	.005	.005	.006	.007	.007	.022	.012	.012	.012	24
22	.006	.005	.007	.009	.009	.009	.010	.007	.008	.006	.007	.005	.004	.005	.007	.006	.005	.007	.007	.005	.004	.004	.005	.005	.010	.006	.006	.006	24
23	.005	.005	.004	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.004	.004	.005	.005	.003	.003	.004	.005	.003	.003	.003	24
24	.008	.008	.010	.009	.004	.004	.003	.003	.002	.002	.003	.002	.002	.002	.002	.003	.002	.002	.002	.002	.002	.002	.002	.002	.010	.003	.003	.003	24
25	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	.003	.003	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002	.003	.003	.002	.002	24
26	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	.002	.002	24
27	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.006	.013	.008	.007	.007	.006	.007	.008	.008	.011	.011	.013	.013	.005	.005	.005	24
28	.013	.011	.007	.003	.002	.002	.002	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.004	.010	.003	.003	.013	.003	.003	.003	24
29	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.004	.008	.013	.009	.013	.013	.005	.032	.014	.032	.006	.006	.006	24
30	.020	.017	.017	.016	.031	.026	.027	.025	.020	.013	.011	.011	.009	.011	.011	.010	.007	.007	.007	.007	.011	.015	.022	.015	.031	.015	.015	.015	24
31	.016	.020	.021	.026	.024	.021	.017	.016	.013	.008	.006	.006	.006	.007	.007	.009	.007	.006	.005	.005	.006	.006	.005	.026	.011	.011	.011	.011	24
Max	.020	.020	.021	.026	.031	.026	.027	.025	.020	.035	.021	.025	.014	.013	.015	.010	.012	.013	.013	.018	.034	.016	.032	.015	.035				
Avg	.005	.006	.006	.006	.006	.006	.006	.006	.005	.006	.005	.005	.004	.004	.005	.004	.004	.004	.004	.005	.005	.004	.005	.004	.005			.005	
Rds	31	31	31	31	31	31	31	31	31	31	31	31	29	29	31	31	31	31	31	31	31	31	31	31				740	

Monthly Parameter Report - SO2 3-Hour Averages

10/07

Logger Id : DF
 Site Name : Demeter Farm
 Parameter : SO2
 Units : PPM
 Avg Interval : 03

Hours

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Max	Avg	Rds		
01	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	24	
02	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.003	.002	24	
03	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.003	.003	.003	.003	.003	.003	.002	20
04	.003	.003	.003	.003	.003	.003	.004	.004	.007	.008	.008	.006	.004	.004	.004	.004	.005	.004	.003	.003	.004	.005	.005	.005	.005	.008	.004	24	
05	.005	.006	.006	.006	.006	.007	.007	.009	.008	.007	.004	.003	.003	.003	.004	.004	.005	.004	.004	.003	.003	.003	.003	.003	.003	.009	.004	24	
06	.004	.006	.008	.008	.007	.006	.005	.005	.005	.005	.005	.005	.005	.007	.009	.010	.010	.010	.010	.011	.011	.010	.007	.007	.011	.007	24		
07	.010	.012	.011	.010	.011	.013	.013	.013	.010	.008	.006	.006	.007	.007	.005	.003	.002	.002	.004	.004	.014	.013	.013	.003	.014	.008	24		
08	.002	.002	.002	.002	.002	.002	.003	.003	.003	.004	.005	.005	.005	.004	.004	.005	.007	.009	.011	.011	.012	.010	.008	.007	.012	.005	24		
09	.010	.013	.016	.015	.016	.015	.015	.013	.011	.018	.020	.025	.014	.010	.003	.003	.002	.002	.003	.003	.003	.002	.002	.002	.002	.025	.009	24	
10	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.004	.005	.004	.003	.003	.004	.005	.005	.005	.004	.003	.002	.002	.002	.005	.002	24		
11	.002	.002	.002	.002	.004	.004	.004	.002	.002	.002	.002	.002	.002	.002	.006	.009	.009	.004	.002	.002	.002	.002	.002	.002	.002	.009	.003	24	
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15	.002	.002	.002	.002	.002	.003	.003	.003	.003	.005	.007	.009	.008	.008	.008	.007	.007	.006	.006	.006	.005	.004	.003	.003	.009	.004	24		
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17	.005	.005	.005	.004	.004	.003	.003	.003	.003	.004	.006	.007					.006	.006	.006	.006	.006	.006	.006	.006	.006	.007	.004	20	
18	.007	.006	.006	.005	.004	.005	.005	.006	.007	.007	.007	.006	.005	.005	.005	.005	.005	.005	.005	.004	.003	.003	.003	.007	.005	24			
19	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.002	24		
20	.004	.004	.006	.007	.008	.008	.009	.009	.009	.008	.006	.005	.005	.005	.005	.005	.005	.006	.008	.012	.015	.017	.015	.011	.017	.008	24		
21	.010	.012	.014	.016	.015	.015	.015	.014	.014	.017	.019	.019	.017	.013	.011	.009	.009	.009	.008	.006	.005	.005	.006	.006	.019	.011	24		
22	.006	.006	.006	.007	.008	.009	.009	.008	.008	.007	.007	.006	.005	.004	.005	.006	.006	.006	.006	.006	.005	.004	.004	.004	.009	.006	24		
23	.005	.005	.004	.004	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.004	.004	.004	.003	.003	.005	.003	24		
24	.005	.006	.008	.009	.007	.005	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.009	.003	24		
25	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.003	.003	.003	.002	.002	.002	.002	.002	.003	.002	24		
26	.002	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	24		
27	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.007	.009	.009	.007	.006	.006	.007	.007	.009	.010	.011	.011	.004	24		
28	.012	.012	.010	.007	.004	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.005	.005	.005	.012	.003	24		
29	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.005	.008	.010	.011	.011	.010	.016	.017	.017	.005	24		
30	.022	.017	.018	.016	.021	.024	.028	.026	.024	.019	.014	.011	.010	.010	.010	.009	.008	.007	.007	.008	.011	.016	.017	.028	.015	24			
31	.017	.017	.019	.022	.023	.023	.020	.018	.015	.012	.009	.006	.006	.006	.006	.007	.007	.007	.006	.005	.005	.005	.005	.005	.023	.011	24		
Max	.022	.017	.019	.022	.023	.024	.028	.026	.024	.019	.020	.025	.017	.013	.011	.010	.010	.010	.011	.012	.015	.017	.016	.017	.028				
Avg	.005	.005	.005	.005	.006	.006	.006	.005	.005	.005	.005	.005	.004	.004	.004	.004	.004	.004	.004	.004	.005	.005	.005	.004		.005			
Rds	31	31	31	31	31	31	31	31	31	31	31	31	29	29	29	29	31	31	31	31	31	31	31			736			

10/02/07 09:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/02/07 10:00	.002	.002	.002	.002	.001	.002	.002	.002	.002	.002	.002	.002	.002
10/02/07 11:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/02/07 12:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002	.001	.002
10/02/07 13:00	.002	.002	.001	.001	.001	.002	.002	.002	.002	.002	.002	.002	.002
10/02/07 14:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	.003	.003
10/02/07 15:00	.003	.003	.003	.003	.005	.006	.006	.006	.006	.005	.005	.005	.004
10/02/07 16:00	.004	.004	.004	.004	.004	.004	.004	.004	.003	.003	.003	.003	.003
10/02/07 17:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/02/07 18:00	.002	.002	.002	.001	.002	.002	.002	.002	.002	.002	.002	.001	.002
10/02/07 19:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/02/07 20:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/02/07 21:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002	.002	.002
10/02/07 22:00	.001	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
10/02/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/03/07 00:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001
10/03/07 01:00	.002	.002	.002	.001	.001	.002	.002	.002	.002	.002	.001	.002	.002
10/03/07 02:00	.002	.002	.001	.002	.001	.002	.001	.001	.001	.002	.002	.002	.001
10/03/07 03:00	.002	.001	.002	.002	.002	.002	.001	.001	.002	.001	.001	.001	.002
10/03/07 04:00	.001	.002	.001	.002	.001	.001	.002	.002	.002	.002	.001	.001	.002
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10/03/07 06:00	.001	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	.002	.003
10/03/07 07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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10/03/07 10:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002	.001	.002
10/03/07 11:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/03/07 12:00	D	D	D	D	D	D	D	D	D	D	D	D	D
10/03/07 13:00	D	D	D	D	D	D	D	.003	.002	.002	.002	.002	.002
10/03/07 14:00	.002	.002	.002	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/03/07 15:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002	.002	.002
10/03/07 16:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/03/07 17:00	.002	.002	.002	.002	.002	.003	.002	.002	.002	.003	.002	.002	.003
10/03/07 18:00	.002	.002	.002	.002	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/03/07 19:00	.003	.003	.003	.003	.004	.004	.004	.004	.004	.004	.003	.003	.004
10/03/07 20:00	.003	.004	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/03/07 21:00	.002	.003	.003	.003	.003	.003	.003	.003	.003	.002	.003	.003	.003
10/03/07 22:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	C	C	C
10/03/07 23:00	C	C	C	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/04/07 00:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
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10/04/07 02:00	.003	.003	.003	.003	.003	.003	.003	.003	.002	.003	.003	.002	.002

10/05/07 23:00	C	C	C	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/06/07 00:00	.003	.003	.003	.003	.003	.004	.006	.008	.016	.015	.009	.006
10/06/07 01:00	.006	.007	.006	.006	.006	.009	.009	.010	.009	.010	.009	.009
10/06/07 02:00	.010	.008	.014	.015	.009	.012	.008	.007	.008	.006	.005	.004
10/06/07 03:00	.005	.006	.006	.006	.007	.007	.007	.007	.007	.007	.007	.007
10/06/07 04:00	.007	.006	.006	.006	.005	.005	.005	.006	.005	.005	.005	.005
10/06/07 05:00	.006	.005	.006	.007	.007	.007	.007	.006	.006	.005	.006	.005
10/06/07 06:00	.005	.005	.005	.006	.005	.005	.005	.004	.004	.004	.004	.004
10/06/07 07:00	.005	.006	.005	.005	.008	.007	.005	.006	.006	.005	.005	.005
10/06/07 08:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.006	.005	.006
10/06/07 09:00	.005	.005	.004	.004	.005	.006	.004	.004	.006	.006	.005	.004
10/06/07 10:00	.005	.006	.005	.005	.005	.005	.005	.003	.004	.005	.005	.006
10/06/07 11:00	.006	.007	.008	.007	.007	.006	.005	.004	.005	.005	.005	.005
10/06/07 12:00	.004	.005	.004	.004	.004	.004	.004	.003	.004	.004	.006	.008
10/06/07 13:00	.008	.010	.010	.009	.008	.006	.006	.008	.014	.013	.013	.015
10/06/07 14:00	.017	.014	.014	.014	.011	.012	.012	.012	.011	.011	.011	.010
10/06/07 15:00	.009	.009	.009	.009	.009	.009	.009	.009	.009	.009	.009	.011
10/06/07 16:00	.011	.011	.011	.011	.011	.011	.011	.011	.012	.012	.012	.012
10/06/07 17:00	.011	.011	.011	.010	.011	.010	.009	.009	.009	.009	.009	.008
10/06/07 18:00	.008	.009	.008	.009	.009	.009	.009	.009	.010	.011	.010	.011
10/06/07 19:00	.011	.012	.013	.013	.013	.014	.014	.015	.016	.016	.016	.016
10/06/07 20:00	.015	.013	.012	.012	.015	.011	.009	.008	.007	.006	.007	.007
10/06/07 21:00	.007	.007	.007	.007	.007	.006	.005	.006	.006	.005	.005	.005
10/06/07 22:00	.005	.005	.005	.004	.004	.005	.005	.005	.006	C	C	C
10/06/07 23:00	C	C	C	.009	.009	.009	.010	.011	.011	.011	.012	.012
10/07/07 00:00	.014	.018	.021	.020	.020	.018	.017	.016	.015	.014	.012	.012
10/07/07 01:00	.013	.011	.010	.008	.009	.009	.010	.010	.011	.011	.011	.011
10/07/07 02:00	.011	.009	.010	.010	.009	.009	.008	.008	.008	.009	.011	.010
10/07/07 03:00	.010	.010	.012	.014	.014	.012	.012	.011	.012	.012	.011	.010
10/07/07 04:00	.011	.011	.013	.015	.016	.013	.012	.011	.011	.010	.010	.010
10/07/07 05:00	.012	.013	.014	.015	.014	.012	.012	.013	.018	.019	.019	.020
10/07/07 06:00	.015	.012	.011	.009	.009	.009	.011	.012	.013	.013	.015	.015
10/07/07 07:00	.016	.015	.015	.014	.013	.013	.011	.010	.010	.010	.009	.009
10/07/07 08:00	.007	.007	.007	.007	.007	.006	.006	.006	.006	.005	.005	.005
10/07/07 09:00	.005	.006	.005	.005	.005	.005	.004	.005	.007	.012	.012	.011
10/07/07 10:00	.012	.008	.004	.003	.003	.003	.002	.002	.002	.003	.004	.009
10/07/07 11:00	.009	.011	.011	.009	.008	.007	.005	.003	.007	.007	.007	.007
10/07/07 12:00	.008	.006	.007	.012	.017	.018	.012	.006	.005	.005	.008	.008
10/07/07 13:00	.010	.016	.023	.008	.003	.002	.002	.002	.002	.002	.002	.002
10/07/07 14:00	.003	.004	.002	.002	.002	.002	.001	.002	.001	.002	.002	.004
10/07/07 15:00	.004	.003	.003	.002	.002	.002	.002	.001	.002	.002	.002	.002
10/07/07 16:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/07/07 17:00	.002	.001	.002	.002	.003	.003	.006	.005	.006	.005	.006	.008
10/07/07 18:00	.009	.011	.009	.009	.006	.006	.004	.003	.004	.005	.005	.005

10/07/07 19:00	.004	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002
10/07/07 20:00	.002	.002	.002	.009	.064	.083	.094	.058	.037	.023	.019	.014	
10/07/07 21:00	.008	.007	.005	.004	.003	.004	.004	.003	.003	.003	.003	.003	.003
10/07/07 22:00	.003	.003	.003	.003	.003	.003	.003	.003	.003		C	C	C
10/07/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003
10/08/07 00:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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10/08/07 02:00	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	.002	.002	.002
10/08/07 03:00	.002	.002	.002	.002	.002	.003	.003	.002	.003	.003	.003	.003	.003
10/08/07 04:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002	.003	.003	.003
10/08/07 05:00	.004	.003	.004	.003	.003	.003	.003	.003	.003	.004	.003	.004	.004
10/08/07 06:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.004
10/08/07 07:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/08/07 08:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.004	.006	.007
10/08/07 09:00	.009	.009	.009	.009	.008	.007	.007	.006	.006	.005	.005	.005	.005
10/08/07 10:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.004	.005	.005	.004
10/08/07 11:00	.005	.005	.005	.005	.005	.005	.005	.004	.004	.005	.005	.005	.005
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10/08/07 14:00	.004	.003	.004	.004	.005	.007	.012	.005	.004	.005	.005	.005	.005
10/08/07 15:00	.005	.005	.005	.006	.005	.006	.006	.007	.007	.007	.007	.007	.008
10/08/07 16:00	.008	.008	.010	.012	.013	.013	.014	.014	.013	.013	.013	.013	.013
10/08/07 17:00	.012	.011	.010	.009	.008	.008	.008	.008	.007	.007	.007	.009	.013
10/08/07 18:00	.013	.012	.012	.012	.016	.019	.016	.010	.010	.011	.012	.012	.015
10/08/07 19:00	.014	.013	.012	.012	.012	.012	.018	.012	.012	.014	.014	.014	.015
10/08/07 20:00	.014	.013	.011	.012	.011	.011	.011	.010	.010	.009	.008	.008	.007
10/08/07 21:00	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007
10/08/07 22:00	.007	.007	.007	.008	.008	.008	.007	.007	.007	.007	C	C	C
10/08/07 23:00	C	C	C	.006	.006	.006	.008	.009	.010	.010	.010	.010	.012
10/09/07 00:00	.012	.014	.016	.017	.015	.015	.014	.015	.016	.017	.017	.019	.020
10/09/07 01:00	.019	.017	.017	.016	.014	.014	.013	.013	.013	.013	.013	.014	.015
10/09/07 02:00	.017	.022	.022	.020	.018	.015	.015	.015	.014	.014	.014	.015	.015
10/09/07 03:00	.015	.014	.014	.013	.013	.014	.014	.014	.014	.014	.015	.015	.015
10/09/07 04:00	.016	.016	.017	.017	.018	.018	.017	.016	.016	.016	.016	.016	.016
10/09/07 05:00	.016	.016	.017	.017	.017	.017	.017	.017	.016	.016	.016	.016	.015
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10/09/07 07:00	.013	.013	.013	.012	.011	.011	.010	.010	.011	.010	.009	.009	.009
10/09/07 08:00	.010	.010	.010	.010	.009	.010	.009	.008	.009	.009	.009	.011	.019
10/09/07 09:00	.017	.036	.131	.040	.029	.022	.024	.022	.024	.028	.027	.025	
10/09/07 10:00	.025	.021	.019	.019	.015	.016	.012	.011	.011	.009	.008	.012	
10/09/07 11:00	.010	.030	.034	.036	.041	.041	.035	.029	.020	.009	.008	.006	
10/09/07 12:00	.006	.005	.005	.004	.003	.004	.003	.003	.003	.003	.003	.003	.003
10/09/07 13:00	.003	.003	.003	.003	.003	.003	.002	.003	.002	.003	.002	.003	.003
10/09/07 14:00	.003	.003	.002	.002	.002	.002	.003	.003	.002	.003	.003	.003	.003

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10/09/07 17:00	.002	.002	.002	.001	.002	.002	.001	.002	.002	.002	.001	.002
10/09/07 18:00	.001	.002	.002	.002	.002	.013	.023	.012	.007	.007	.005	.004
10/09/07 19:00	.003	.003	.003	.002	.003	.002	.002	.002	.002	.002	.002	.002
10/09/07 20:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/09/07 21:00	.002	.002	.002	.002	.002	.002	.002	.001	.002	.001	.002	.002
10/09/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
10/09/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002

10/10/07 00:00	.002	.002	.002	.002	.002	.001	.002	.001	.002	.002	.002	.001
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10/10/07 02:00	.002	.002	.002	.001	.002	.002	.002	.001	.001	.002	.002	.002
10/10/07 03:00	.001	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/10/07 04:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/10/07 05:00	.002	.002	.001	.002	.002	.002	.002	.002	.002	.002	.002	.001
10/10/07 06:00	.002	.001	.002	.001	.001	.002	.002	.001	.002	.002	.001	.001
10/10/07 07:00	.002	.001	.002	.002	.001	.002	.001	.002	.001	.002	.002	.002
10/10/07 08:00	.002	.002	.002	.002	.002	.002	.002	.003	.003	.003	.003	.003
10/10/07 09:00	.003	.008	.008	.005	.004	.004	.004	.004	.004	.004	.004	.005
10/10/07 10:00	.007	.007	.007	.007	.006	.007	.005	.006	.007	.005	.004	.005
10/10/07 11:00	.006	.004	.003	.003	.004	.004	.004	.004	.004	.004	.003	.004
10/10/07 12:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/10/07 13:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/10/07 14:00	.003	.004	.007	.006	.006	.006	.006	.005	.005	.005	.005	.005
10/10/07 15:00	.004	.005	.004	.004	.004	.004	.003	.003	.003	.003	.003	.003
10/10/07 16:00	.004	.005	.005	.005	.005	.006	.006	.007	.007	.007	.006	.006
10/10/07 17:00	.005	.005	.005	.005	.005	.005	.005	.006	.005	.005	.005	.005
10/10/07 18:00	.006	.006	.007	.006	.005	.005	.006	.005	.005	.004	.005	.004
10/10/07 19:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002	.002	.002
10/10/07 20:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003
10/10/07 21:00	.002	.002	.002	.001	.001	.003	.002	.001	.002	.002	.002	.002
10/10/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
10/10/07 23:00	C	C	C	.002	.001	.002	.002	.002	.002	.002	.002	.002
10/11/07 00:00	.002	.002	.002	.002	.002	.002	.002	.003	.002	.002	.002	.002
10/11/07 01:00	.002	.002	.002	.002	.001	.001	.002	.002	.002	.002	.002	.002
10/11/07 02:00	.002	.002	.002	.002	.003	.003	.003	.003	.003	.003	.003	.003
10/11/07 03:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/11/07 04:00	.003	.003	.008	.021	.018	.012	.008	.006	.005	.004	.004	.003
10/11/07 05:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/11/07 06:00	.003	.003	.003	.002	.003	.002	.003	.003	.002	.002	.002	.002
10/11/07 07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001
10/11/07 08:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/11/07 09:00	.002	.002	.002	.003	.003	.003	.003	.002	.003	.002	.002	.002
10/11/07 10:00	.003	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	.003

10/11/07 11:00	.003	.003	.003	.003	.003	.003	.002	.003	.002	.003	.002	.002	.003
10/11/07 12:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/11/07 13:00	.002	.002	.002	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/11/07 14:00	.002	.002	.002	.002	.003	.004	.011	.021	.025	.024	.036	.048	
10/11/07 15:00	.036	.022	.024	.007	.004	.004	.003	.003	.003	.003	.003	.003	.003
10/11/07 16:00	.003	.002	.001	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/11/07 17:00	.002	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/11/07 18:00	.002	.002	.003	.002	.002	.002	.002	.002	.002	.001	.002	.002	.002
10/11/07 19:00	.002	.002	.002	.002	.002	.002	.001	.002	.002	.002	.002	.001	.002
10/11/07 20:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/11/07 21:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/11/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
10/11/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001
10/12/07 00:00	.002	.002	.002	.002	.001	.002	.002	.002	.002	.001	.001	.002	.002
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10/12/07 02:00	.001	.002	.002	.002	.002	.002	.001	.001	.002	.002	.002	.002	.001
10/12/07 03:00	.001	.001	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002	.002
10/12/07 04:00	.002	.002	.001	.002	.002	.001	.002	.001	.001	.001	.001	.002	.002
10/12/07 05:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/12/07 06:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002	.002
10/12/07 07:00	.002	.001	.002	.002	.001	.002	.002	.002	.001	.002	.001	.001	.002
10/12/07 08:00	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002	.002	.002	.002
10/12/07 09:00	.002	.002	.002	.001	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/12/07 10:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001
10/12/07 11:00	.001	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002
10/12/07 12:00	.002	.001	.002	.002	.002	.002	.002	.002	.001	.002	.002	.002	.002
10/12/07 13:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/12/07 14:00	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002	.002	.001	.002
10/12/07 15:00	.002	.001	.002	.002	.001	.002	.002	.002	.002	.002	.002	.002	.002
10/12/07 16:00	.002	.002	.002	.001	.002	.001	.002	.002	.002	.002	.002	.002	.002
10/12/07 17:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/12/07 18:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/12/07 19:00	.001	.002	.001	.002	.002	.002	.002	.002	.002	.001	.002	.002	.002
10/12/07 20:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/12/07 21:00	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002	.002	.002	.002
10/12/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
10/12/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/13/07 00:00	.003	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.002	.003
10/13/07 01:00	.002	.003	.002	.002	.002	.002	.002	.001	.002	.003	.002	.002	.001
10/13/07 02:00	.002	.002	.001	.002	.002	.003	.003	.003	.003	.003	.004	.003	.003
10/13/07 03:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002	.002	.003
10/13/07 04:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002	.003	.003

10/15/07 01:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/15/07 02:00	.002	.002	.002	.002	.002	.001	.002	.002	.002	.002	.002	.002	.002
10/15/07 03:00	.003	.003	.003	.002	.002	.002	.002	.002	.001	.002	.002	.002	.002
10/15/07 04:00	.003	.003	.003	.003	.003	.003	.003	.005	.006	.005	.004	.005	.005
10/15/07 05:00	.004	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/15/07 06:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/15/07 07:00	.003	.003	.003	.003	.003	.003	.003	.003	.002	.003	.002	.002	.003
10/15/07 08:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.004	.005
10/15/07 09:00	.011	.017	.018	.016	.013	.011	.008	.008	.008	.007	.006	.006	.006
10/15/07 10:00	.006	.006	.006	.006	.005	.007	.007	.011	.012	.011	.011	.011	.011
10/15/07 11:00	.010	.009	.008	.009	.008	.009	.011	.012	.012	.010	.009	.009	.009
10/15/07 12:00	.008	.010	.007	.007	.007	.007	.007	.008	.008	.008	.008	.008	.009
10/15/07 13:00	.009	.009	.009	.009	.008	.009	.008	.008	.008	.007	.008	.008	.008
10/15/07 14:00	.007	.008	.008	.008	.009	.009	.009	.008	.008	.008	.007	.007	.007
10/15/07 15:00	.007	.007	.007	.007	.007	.007	.007	.007	.006	.006	.007	.007	.007
10/15/07 16:00	.006	.006	.005	.006	.006	.006	.005	.005	.005	.005	.005	.005	.005
10/15/07 17:00	.005	.005	.005	.005	.006	.005	.005	.006	.006	.006	.006	.007	.007
10/15/07 18:00	.007	.008	.008	.008	.007	.007	.007	.007	.007	.007	.007	.007	.007
10/15/07 19:00	.007	.007	.007	.007	.006	.006	.006	.006	.006	.005	.005	.005	.005
10/15/07 20:00	.005	.005	.005	.004	.005	.004	.003	.004	.003	.003	.003	.003	.003
10/15/07 21:00	.003	.003	.003	.005	.004	.006	.006	.005	.005	.004	.003	.004	.004
10/15/07 22:00	.003	.003	.003	.002	.003	.003	.002	.003	.003				
10/15/07 23:00	C	C	C	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003

10/16/07 00:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002	.002	.003	.003
10/16/07 01:00	.002	.003	.002	.003	.003	.003	.003	.003	.003	.002	.003	.003	.003
10/16/07 02:00	.003	.003	.002	.002	.002	.003	.003	.003	.003	.003	.003	.003	.003
10/16/07 03:00	.003	.002	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/16/07 04:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/16/07 05:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/16/07 06:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/16/07 07:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/16/07 08:00	.003	.003	.003	.003	.003	.003	.003	.003	.002	.003	.003	.003	.003
10/16/07 09:00	.003	.003	.003	.003	.003	.002	.003	.003	.003	.003	.002	.002	.002
10/16/07 10:00	.002	.003	.002	.003	.002	.002	.002	.003	.002	.002	.003	.002	.002
10/16/07 11:00	.002	.002	.002	.002	.003	.002	.002	.002	.003	.002	.002	.002	.002
10/16/07 12:00	.003	.002	.002	.002	.002	.002	.002	.003	.002	.002	.002	.002	.002
10/16/07 13:00	.002	.002	.002	.002	.002	.002	.003	.003	.003	.003	.003	.003	.003
10/16/07 14:00	.003	.003	.003	.005	.005	.005	.005	.005	.005	.005	.005	.005	.004
10/16/07 15:00	.004	.004	.004	.005	.004	.005	.005	.005	.005	.004	.003	.003	.002
10/16/07 16:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002	.003	.003
10/16/07 17:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/16/07 18:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/16/07 19:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/16/07 20:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.005	.005	.005

10/20/07 12:00	.005	.005	.005	.006	.005	.004	.005	.006	.005	.005	.006	.005
10/20/07 13:00	.006	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
10/20/07 14:00	.005	.006	.006	.007	.007	.007	.007	.006	.006	.007	.006	.005
10/20/07 15:00	.005	.005	.005	.005	.005	.004	.004	.004	.004	.004	.004	.004
10/20/07 16:00	.004	.004	.004	.005	.005	.004	.004	.005	.005	.005	.006	.006
10/20/07 17:00	.007	.007	.008	.008	.008	.006	.007	.007	.007	.008	.009	.009
10/20/07 18:00	.008	.009	.009	.008	.009	.011	.012	.012	.013	.020	.016	.011
10/20/07 19:00	.013	.014	.015	.014	.014	.017	.019	.018	.020	.022	.025	.028
10/20/07 20:00	.026	.021	.021	.026	.028	.020	.016	.015	.012	.010	.008	.007
10/20/07 21:00	.008	.012	.013	.013	.012	.010	.012	.021	.021	.023	.024	.022
10/20/07 22:00	.013	.009	.009	.009	.009	.011	.012	.014	.023	C	C	C
10/20/07 23:00	C	C	C	.008	.009	.008	.007	.007	.007	.007	.006	.007
10/21/07 00:00	.007	.009	.011	.012	.014	.012	.012	.012	.011	.010	.012	.010
10/21/07 01:00	.009	.009	.015	.030	.028	.028	.023	.022	.017	.016	.015	.014
10/21/07 02:00	.015	.014	.014	.014	.013	.014	.017	.016	.016	.013	.013	.014
10/21/07 03:00	.015	.015	.015	.015	.015	.016	.017	.018	.017	.017	.016	.014
10/21/07 04:00	.014	.014	.019	.018	.015	.013	.013	.014	.014	.018	.018	.016
10/21/07 05:00	.014	.013	.013	.014	.013	.014	.013	.013	.013	.016	.021	.021
10/21/07 06:00	.018	.014	.013	.013	.012	.012	.012	.012	.011	.016	.021	.021
10/21/07 07:00	.018	.016	.014	.013	.012	.011	.011	.010	.011	.012	.013	.013
10/21/07 08:00	.013	.015	.016	.015	.015	.015	.016	.017	.017	.017	.017	.017
10/21/07 09:00	.017	.017	.016	.017	.017	.018	.019	.021	.022	.026	.035	.036
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10/21/07 11:00	.016	.016	.015	.015	.015	.016	.017	.016	.016	.018	.017	.019
10/21/07 12:00	.018	.019	.017	.015	.015	.013	.012	.011	.011	.011	.011	.011
10/21/07 13:00	.011	.011	.011	.011	.011	.011	.010	.010	.009	.010	.010	.010
10/21/07 14:00	.011	.010	.010	.009	.009	.009	.009	.009	.009	.009	.010	.009
10/21/07 15:00	.009	.009	.009	.009	.008	.008	.008	.008	.008	.008	.008	.009
10/21/07 16:00	.009	.009	.010	.011	.011	.011	.011	.011	.011	.011	.010	.010
10/21/07 17:00	.010	.009	.009	.009	.009	.008	.009	.008	.008	.008	.008	.007
10/21/07 18:00	.007	.007	.007	.007	.007	.006	.006	.006	.006	.006	.006	.005
10/21/07 19:00	.005	.006	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
10/21/07 20:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.006	.006	.006
10/21/07 21:00	.005	.006	.005	.006	.006	.006	.007	.007	.007	.007	.007	.007
10/21/07 22:00	.006	.006	.006	.007	.007	.007	.006	.006	.007	C	C	C
10/21/07 23:00	C	C	C	.007	.007	.007	.007	.007	.006	.006	.006	.006
10/22/07 00:00	.006	.006	.006	.006	.006	.006	.005	.005	.005	.005	.005	.005
10/22/07 01:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
10/22/07 02:00	.005	.005	.005	.006	.006	.007	.007	.007	.007	.008	.009	.008
10/22/07 03:00	.008	.009	.009	.008	.008	.009	.009	.009	.010	.009	.009	.009
10/22/07 04:00	.009	.009	.008	.008	.009	.009	.009	.009	.009	.009	.010	.010
10/22/07 05:00	.010	.009	.009	.009	.009	.009	.009	.009	.009	.009	.008	.009
10/22/07 06:00	.008	.008	.008	.008	.009	.009	.009	.010	.011	.012	.012	.012

10/22/07 07:00	.010	.009	.008	.008	.008	.007	.007	.006	.007	.007	.007	.007
10/22/07 08:00	.007	.007	.007	.007	.007	.009	.009	.009	.010	.010	.009	.010
10/22/07 09:00	.008	.007	.006	.006	.006	.005	.006	.006	.006	.005	.006	.006
10/22/07 10:00	.006	.007	.006	.007	.007	.009	.011	.008	.007	.006	.006	.006
10/22/07 11:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
10/22/07 12:00	.004	.004	.004	.005	.005	.004	.004	.005	.004	.004	.004	.004
10/22/07 13:00	.004	.004	.005	.005	.005	.005	.005	.005	.005	.005	.006	.006
10/22/07 14:00	.007	.007	.007	.007	.007	.007	.007	.007	.007	.006	.007	.007
10/22/07 15:00	.007	.007	.007	.007	.006	.006	.006	.006	.006	.005	.005	.006
10/22/07 16:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.006	.005	.005
10/22/07 17:00	.005	.006	.006	.006	.007	.007	.007	.008	.007	.007	.007	.008
10/22/07 18:00	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007
10/22/07 19:00	.006	.006	.006	.005	.005	.005	.005	.005	.005	.005	.005	.004
10/22/07 20:00	.005	.004	.004	.004	.004	.004	.004	.004	.003	.003	.004	.004
10/22/07 21:00	.003	.004	.003	.004	.004	.003	.004	.004	.004	.004	.004	.004
10/22/07 22:00	.004	.005	.004	.005	.005	.005	.005	.005	.005			
10/22/07 23:00				.005	.005	.004	.005	.004	.005	.004	.004	.005
10/23/07 00:00	.004	.004	.004	.005	.005	.005	.005	.005	.004	.005	.004	.005
10/23/07 01:00	.004	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.004
10/23/07 02:00	.004	.004	.005	.004	.004	.004	.004	.004	.004	.004	.004	.004
10/23/07 03:00	.004	.004	.003	.004	.004	.004	.003	.003	.003	.003	.003	.003
10/23/07 04:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002
10/23/07 05:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/23/07 06:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/23/07 07:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/23/07 08:00	.003	.003	.003	.002	.003	.003	.003	.003	.003	.003	.003	.003
10/23/07 09:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/23/07 10:00	.003	.003	.003	.003	.003	.003	.002	.003	.003	.003	.003	.003
10/23/07 11:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/23/07 12:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/23/07 13:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/23/07 14:00	.003	.003	.003	.003	.003	.003	.002	.003	.003	.003	.003	.003
10/23/07 15:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/23/07 16:00	.003	.003	.003	.004	.003	.003	.003	.003	.003	.003	.003	.003
10/23/07 17:00	.003	.004	.003	.003	.004	.004	.004	.004	.004	.004	.004	.004
10/23/07 18:00	.004	.004	.004	.004	.005	.004	.004	.004	.004	.005	.005	.005
10/23/07 19:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.006
10/23/07 20:00	.005	.006	.005	.005	.005	.004	.005	.004	.005	.005	.005	.005
10/23/07 21:00	.004	.004	.004	.003	.003	.003	.003	.003	.003	.003	.002	.002
10/23/07 22:00	.003	.003	.002	.003	.003	.003	.003	.003	.003			
10/23/07 23:00				.002	.003	.003	.003	.003	.003	.004	.005	.005
10/24/07 00:00	.005	.005	.006	.007	.008	.009	.010	.010	.010	.009	.009	.009
10/24/07 01:00	.009	.009	.009	.008	.008	.009	.008	.008	.007	.007	.007	.006
10/24/07 02:00	.006	.007	.008	.009	.010	.011	.011	.011	.012	.012	.013	.013

10/24/07 03:00	.009	.007	.003	.003	.013	.018	.011	.009	.009	.009	.007	.006
10/24/07 04:00	.005	.006	.004	.003	.003	.003	.004	.004	.004	.004	.005	.004
10/24/07 05:00	.005	.005	.005	.004	.004	.004	.003	.003	.003	.003	.003	.003
10/24/07 06:00	.003	.003	.002	.002	.003	.003	.003	.003	.002	.003	.003	.003
10/24/07 07:00	.003	.003	.002	.003	.003	.003	.003	.003	.003	.003	.002	.002
10/24/07 08:00	.002	.002	.002	.002	.002	.003	.002	.003	.002	.003	.002	.002
10/24/07 09:00	.003	.002	.002	.002	.002	.002	.002	.003	.002	.003	.003	.003
10/24/07 10:00	.003	.003	.003	.003	.003	.003	.003	.003	.002	.002	.003	.002
10/24/07 11:00	.002	.003	.002	.003	.002	.002	.003	.002	.002	.002	.002	.002
10/24/07 12:00	.002	.003	.003	.002	.003	.002	.003	.003	.002	.002	.002	.002
10/24/07 13:00	.002	.002	.002	.003	.003	.002	.002	.002	.002	.002	.003	.002
10/24/07 14:00	.002	.002	.002	.002	.002	.002	.003	.003	.002	.002	.003	.002
10/24/07 15:00	.002	.002	.002	.002	.002	.002	.003	.003	.004	.005	.003	.003
10/24/07 16:00	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/24/07 17:00	.002	.002	.002	.002	.002	.002	.001	.002	.002	.002	.002	.002
10/24/07 18:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/24/07 19:00	.002	.002	.002	.002	.002	.002	.002	.003	.002	.002	.002	.002
10/24/07 20:00	.002	.002	.001	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/24/07 21:00	.003	.002	.002	.002	.002	.002	.003	.002	.002	.002	.002	.002
10/24/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002			
10/24/07 23:00	C	C	C	.002	.003	.002	.002	.002	.002	.002	.003	.003

10/25/07 00:00	.002	.002	.002	.002	.002	.002	.002	.003	.002	.002	.002	.003
10/25/07 01:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/25/07 02:00	.002	.002	.002	.002	.003	.002	.003	.003	.003	.002	.002	.002
10/25/07 03:00	.003	.002	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/25/07 04:00	.002	.002	.002	.002	.002	.003	.002	.002	.002	.002	.002	.002
10/25/07 05:00	.002	.002	.002	.001	.002	.002	.002	.002	.002	.002	.002	.002
10/25/07 06:00	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	.002	.002
10/25/07 07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003
10/25/07 08:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/25/07 09:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
10/25/07 10:00	.002	.003	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002
10/25/07 11:00	.002	.002	.002	.002	.002	.003	.003	.002	.002	.003	.002	.003
10/25/07 12:00	.002	.003	.003	.002	.002	.003	.003	.003	.003	.003	.003	.003
10/25/07 13:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/25/07 14:00	.003	.003	.003	.002	.003	.003	.003	.003	.002	.003	.003	.003
10/25/07 15:00	.003	.003	.002	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/25/07 16:00	.003	.003	.003	.003	.003	.003	.002	.003	.002	.003	.003	.003
10/25/07 17:00	.003	.003	.003	.003	.003	.003	.003	.002	.003	.003	.003	.003
10/25/07 18:00	.002	.003	.003	.003	.002	.002	.002	.003	.003	.002	.003	.002
10/25/07 19:00	.003	.002	.002	.002	.002	.002	.003	.003	.002	.002	.002	.003
10/25/07 20:00	.002	.003	.002	.003	.002	.003	.002	.003	.002	.002	.002	.002
10/25/07 21:00	.002	.002	.003	.002	.002	.003	.002	.002	.002	.002	.003	.003
10/25/07 22:00	.002	.002	.002	.002	.002	.003	.003	.003	.003			

10/29/07 13:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
10/29/07 14:00	.002	.002	.003	.003	.003	.003	.003	.003	.003	.004	.004	.004	.003
10/29/07 15:00	.003	.003	.004	.004	.004	.004	.004	.004	.005	.005	.005	.004	.005
10/29/07 16:00	.006	.007	.007	.007	.007	.008	.008	.009	.009	.009	.009	.011	.011
10/29/07 17:00	.011	.012	.013	.013	.014	.014	.015	.014	.014	.014	.014	.013	.012
10/29/07 18:00	.010	.009	.009	.009	.009	.009	.009	.009	.009	.009	.009	.009	.010
10/29/07 19:00	.011	.012	.015	.015	.015	.015	.015	.015	.014	.012	.013	.013	.013
10/29/07 20:00	.013	.013	.012	.011	.010	.011	.012	.012	.012	.011	.011	.016	.019
10/29/07 21:00	.018	.008	.005	.004	.004	.004	.004	.004	.004	.003	.004	.003	.004
10/29/07 22:00	.004	.012	.027	.038	.050	.052	.051	.038	.016				
10/29/07 23:00	C	C	C	.025	.025	.018	.012	.009	.009				
10/30/07 00:00	.013	.016	.017	.021	.026	.026	.023	.027	.020	.016	.017	.013	.013
10/30/07 01:00	.013	.013	.015	.016	.012	.011	.011	.014	.018	.021	.030	.025	.025
10/30/07 02:00	.014	.014	.014	.020	.023	.026	.017	.016	.014	.016	.014	.014	.012
10/30/07 03:00	.012	.012	.011	.011	.012	.014	.018	.020	.021	.020	.019	.019	.019
10/30/07 04:00	.021	.026	.026	.026	.028	.027	.027	.036	.039	.046	.041	.032	.032
10/30/07 05:00	.025	.024	.026	.033	.037	.030	.024	.022	.021	.022	.023	.024	.024
10/30/07 06:00	.027	.029	.030	.028	.027	.028	.027	.027	.026	.026	.025	.025	.025
10/30/07 07:00	.025	.025	.025	.024	.024	.024	.026	.026	.026	.026	.025	.028	.028
10/30/07 08:00	.029	.027	.023	.020	.019	.018	.018	.018	.017	.016	.016	.015	.015
10/30/07 09:00	.015	.014	.013	.013	.013	.013	.013	.013	.012	.012	.011	.012	.012
10/30/07 10:00	.011	.010	.011	.012	.013	.013	.013	.012	.011	.011	.011	.011	.010
10/30/07 11:00	.010	.010	.011	.011	.011	.011	.011	.010	.011	.010	.010	.010	.010
10/30/07 12:00	.011	.010	.008	.009	.007	.008	.009	.010	.009	.007	.009	.008	.008
10/30/07 13:00	.008	.009	.009	.010	.010	.011	.011	.011	.011	.011	.011	.012	.012
10/30/07 14:00	.011	.011	.011	.010	.009	.010	.010	.011	.011	.011	.010	.011	.011
10/30/07 15:00	.011	.010	.011	.011	.010	.010	.010	.009	.009	.009	.009	.008	.008
10/30/07 16:00	.008	.008	.008	.007	.007	.007	.007	.007	.007	.006	.006	.006	.007
10/30/07 17:00	.007	.007	.006	.006	.006	.006	.006	.007	.006	.007	.007	.007	.008
10/30/07 18:00	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007
10/30/07 19:00	.007	.007	.006	.007	.007	.007	.007	.007	.007	.007	.007	.007	.009
10/30/07 20:00	.009	.010	.011	.011	.011	.012	.011	.011	.011	.011	.011	.011	.011
10/30/07 21:00	.012	.012	.012	.013	.013	.015	.015	.014	.015	.015	.019	.020	.020
10/30/07 22:00	.020	.021	.023	.022	.021	.022	.024	.024	.024				
10/30/07 23:00	C	C	C	.017	.017	.016	.015	.014	.014	.014	.013	.014	.014
10/31/07 00:00	.013	.014	.014	.015	.014	.014	.016	.018	.019	.018	.019	.019	.019
10/31/07 01:00	.020	.021	.019	.019	.019	.019	.019	.020	.022	.022	.022	.021	.021
10/31/07 02:00	.020	.020	.019	.020	.021	.021	.022	.022	.023	.023	.022	.023	.023
10/31/07 03:00	.023	.023	.024	.024	.026	.027	.026	.027	.026	.028	.028	.027	.027
10/31/07 04:00	.028	.027	.025	.024	.025	.024	.023	.023	.023	.023	.023	.022	.022
10/31/07 05:00	.022	.022	.021	.021	.021	.022	.021	.022	.022	.022	.022	.020	.020
10/31/07 06:00	.019	.018	.018	.017	.018	.017	.017	.017	.016	.016	.016	.015	.015
10/31/07 07:00	.016	.015	.016	.016	.016	.015	.016	.016	.017	.016	.018	.018	.018
10/31/07 08:00	.017	.017	.015	.014	.013	.013	.013	.011	.011	.011	.011	.010	.010

10/31/07 09:00	.010	.010	.010	.009	.009	.008	.007	.007	.007	.007	.007	.006
10/31/07 10:00	.007	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
10/31/07 11:00	.006	.006	.006	.006	.006	.006	.006	.005	.005	.005	.005	.005
10/31/07 12:00	.005	.006	.007	.007	.006	.007	.007	.007	.006	.006	.006	.007
10/31/07 13:00	.006	.006	.006	.007	.008	.008	.008	.008	.008	.007	.007	.007
10/31/07 14:00	.007	.007	.006	.006	.006	.007	.007	.007	.008	.008	.009	.008
10/31/07 15:00	.008	.008	.009	.010	.009	.009	.009	.009	.009	.009	.009	.009
10/31/07 16:00	.009	.008	.008	.007	.007	.007	.007	.007	.007	.007	.006	.006
10/31/07 17:00	.006	.006	.006	.005	.006	.006	.006	.006	.006	.006	.005	.006
10/31/07 18:00	.006	.006	.007	.006	.006	.006	.006	.006	.006	.006	.006	.006
10/31/07 19:00	.005	.006	.005	.005	.005	.005	.006	.006	.006	.005	.005	.005
10/31/07 20:00	.005	.005	.005	.005	.005	.005	.006	.006	.005	.006	.006	.005
10/31/07 21:00	.006	.005	.006	.005	.005	.006	.006	.006	.006	.006	.006	.006
10/31/07 22:00	.006	.006	.006	.006	.005	.005	.006	.006	.006	C	C	C
10/31/07 23:00	C	C	C	.005	.005	.006	.006	.005	.005	.005	.005	.006

Max .131
 Min .001
 Mean .005
 Records 8,712

Status : '<' - Less than ##% Data, 'P' - Power Fail, 'D' - Disabled, 'T' - Out-of-Control, 'F' - Boiler Off-Line,
 Flags : 'B' - Bad Status, 'C' - Calibration, 'M' - Maintenance, 'O' - Analog Overage, 'U' - Analog Underrange,
 'A' - Arithmetic Error, '+' - Maximum, '-' - Minimum, 'R' - Rate of Change, 'H' - High-High Alarm,
 'L' - Low-Low Alarm, 'h' - High Alarm, 'l' - Low Alarm, 'J' - High Rate of Change, 'j' - Low Rate of Change,
 'V' - DIS #1 Obs, 'W' - DIS #2 Obs, 'X' - DIS #3 Obs, 'Y' - DIS #4 Obs, 'Z' - DIS #5 Obs.

Appendix B: Hourly Meteorological Data

Definitions of Null Data Codes for Missing Data:

9975 – Data Can Not be Calculated

9979 – Miscellaneous Void

9980 – Sensor Malfunction or Failure

9986 – Calibration, Meteorological Zero/Span Check

9992 – Independent Audit

9993 – Maintenance

Monthly Parameter Report - Horizontal Wind Speed 1-Hour Averages

10/07

Logger Id : HS
 Site Name : Belvidere HS
 Parameter : WSA
 Units : MPH
 Avg Interval : 01

Hours

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Max	Avg	Rds	
01	1.3	1.4	1.1	1.0	1.1	1.0	1.2	2.6	3.1	5.1	6.0	6.2	6.6	7.2	6.5	6.4	6.0	6.1	6.1	3.6	2.6	2.3	1.4	1.2	7.2	3.6	24	
02	1.4	1.3	1.5	1.3	1.5	1.6	1.6	1.6	1.8	2.6	6.0	5.0	4.0	4.9	5.4	5.0	6.2	3.5	2.0	1.8	1.8	1.8	1.8	1.6	6.2	2.7	24	
03	1.9	1.2	1.0	1.3	1.4	1.3	.8	1.3	1.6	1.8	3.1	4.4	4.4	4.7	4.9	4.4	3.5	1.1	1.2	1.2	1.4	1.4	1.2	1.0	4.9	2.1	24	
04	.7	.9	1.1	.8	.7	.7	.5	.9	1.6	3.1	3.5	3.4	4.8	4.9	4.8	5.5	4.0	1.8	.9	1.0	.8	1.2	1.0	.9	5.5	2.0	24	
05	.9	.8	.7	.7	.8	.8	.8	1.4	1.2	1.9	3.2	3.8	4.1	4.1	3.6	3.4	2.1	.9	.9	.8	.7	1.0	1.0	1.0	4.1	1.6	24	
06	1.1	1.2	1.3	1.1	.7	1.8	2.4	2.2	2.7	3.0	4.0	5.0	5.4	5.6	5.8	4.6	3.4	1.5	1.1	1.1	1.0	1.0	1.0	1.1	5.8	2.4	24	
07	1.1	1.2	.9	1.1	1.1	1.1	1.7	1.9	2.5	4.2	5.4	4.5	4.8	4.3	4.0	2.8	1.6	1.0	1.6	1.6	1.4	2.0	1.8	1.3	5.4	2.2	24	
08	.8	1.0	1.2	.9	1.0	.9	3.2	4.7	3.9	5.0	5.1	5.4	6.8	6.3	8.1	8.2	5.9	2.4	.8	1.0	1.3	1.4	1.2	1.4	8.2	3.2	24	
09	2.6	1.5	1.4	1.5	1.5	1.1	1.1	1.2	1.3	2.2	2.5	5.4	9.8	10.8	8.5	6.4	6.4	5.3	5.9	2.5	2.8	1.7	2.2	1.6	10.8	3.6	24	
10	1.4	1.2	1.1	1.1	1.1	1.1	1.2	1.8	2.0	1.9	2.9	2.5	3.0	3.0	3.7	3.5	3.4	1.1	.9	1.2	1.3	2.1	1.7	1.9	3.7	1.9	24	
11	1.4	1.4	4.6	2.4	2.2	1.8	1.5	1.6	1.9	2.0	1.6	2.4	9986	3.4	2.8	4.6	3.5	3.6	2.6	2.1	2.7	2.3	2.4	2.7	4.6	2.5	23	
12	2.4	2.9	4.0	6.2	6.4	5.3	6.6	5.0	7.4	10.7	8.4	10.0	8.9	9.2	8.4	8.4	7.4	6.7	4.2	2.1	1.2	1.1	.8	.7	10.7	5.6	24	
13	.9	1.0	1.0	.9	.9	.8	1.1	1.3	3.5	5.0	6.3	6.6	6.3	6.9	7.1	7.0	4.2	1.5	.9	.9	.9	1.2	1.4	1.2	7.1	2.8	24	
14	1.1	1.0	1.3	.8	1.0	1.0	.7	1.6	4.6	5.4	6.8	8.6	8.0	7.4	6.6	6.4	4.6	4.3	1.9	1.1	1.1	.9	1.1	.6	8.6	3.2	24	
15	.8	.7	1.2	.8	1.0	.9	.9	1.2	2.0	2.7	5.2	6.3	6.2	5.7	5.0	4.4	3.3	1.6	1.2	1.6	1.2	1.1	.8	1.1	6.3	2.3	24	
16	1.0	.9	1.1	.8	.9	.9	1.0	1.2	2.2	2.4	2.5	3.0	2.3	2.5	2.3	2.6	1.3	1.2	1.1	.9	.9	1.1	1.3	1.2	3.0	1.5	24	
17	1.3	1.5	1.6	1.7	1.3	1.3	1.6	1.7	1.5	1.7	1.7	9986	4.0	4.6	4.1	4.0	2.4	.9	.8	.7	1.0	.8	1.0	1.0	4.6	1.8	23	
18	1.1	.8	1.2	1.4	1.0	.9	1.1	.9	.9	2.0	3.9	4.5	4.9	5.2	5.5	4.3	3.6	2.2	1.4	1.4	2.5	2.9	2.7	2.3	5.5	2.4	24	
19	1.8	3.3	3.7	4.1	4.5	1.8	2.9	2.9	2.5	4.3	5.4	6.3	6.0	8.6	6.7	2.9	3.7	6.9	7.3	8.0	5.7	8.2	3.2	1.8	8.6	4.6	24	
20	1.7	2.7	2.7	2.5	2.3	2.2	2.5	4.0	4.2	5.1	6.1	6.6	8.3	9.6	7.9	8.9	6.2	2.5	.8	.8	1.1	.9	2.1	2.5	9.6	3.9	24	
21	1.8	1.3	1.5	1.3	1.6	1.0	1.1	1.3	3.3	4.6	4.7	5.0	5.7	5.0	3.7	3.6	2.7	1.4	.8	1.1	1.1	1.1	1.2	.9	5.7	2.3	24	
22	.8	.7	.7	.7	.6	.5	.6	.6	1.5	2.0	3.1	4.3	4.1	5.0	6.3	5.4	4.4	1.9	1.2	1.3	1.4	1.5	1.5	2.7	6.3	2.2	24	
23	3.7	4.2	4.6	5.6	4.5	4.4	4.3	5.2	6.5	7.3	7.0	6.1	7.7	7.9	9.1	7.7	6.9	5.6	4.5	3.6	5.4	3.1	2.1	2.4	9.1	5.3	24	
24	2.8	2.2	2.5	2.2	1.9	2.0	2.3	2.1	2.3	2.9	2.4	3.0	3.7	2.7	2.2	1.8	1.9	1.7	2.1	1.9	1.4	1.8	1.6	2.4	3.7	2.2	24	
25	2.8	2.2	2.7	2.4	2.3	3.1	3.1	3.7	3.7	3.6	5.6	5.5	5.4	4.8	3.9	4.3	3.9	2.3	1.9	1.9	2.4	1.9	2.3	2.5	5.6	3.2	24	
26	2.2	2.3	3.1	3.2	2.9	2.9	3.2	3.0	3.4	3.7	3.4	3.2	3.2	2.8	2.6	2.6	2.6	2.7	2.6	2.4	3.2	3.1	2.9	2.5	3.7	2.9	24	
27	2.5	2.8	2.8	2.5	2.6	2.0	2.1	2.4	4.8	7.7	5.6	5.1	5.3	5.8	5.9	7.1	6.3	5.7	5.8	4.2	3.6	1.8	.8	.8	7.7	4.0	24	
28	1.5	1.8	3.1	8.1	5.4	3.8	3.0	6.7	7.4	6.9	7.5	9.2	8.3	8.1	8.0	5.9	7.4	5.5	3.1	2.6	2.8	3.0	1.3	1.1	9.2	5.0	24	
29	.7	.7	.7	.7	.9	1.0	1.1	.7	2.0	2.6	3.0	4.7	4.7	4.9	5.5	4.6	3.1	1.1	.7	.9	1.0	.8	.7	.9	5.5	1.9	24	
30	.7	.8	.8	1.0	1.3	1.0	1.0	1.5	3.2	3.1	3.4	3.2	4.0	4.7	5.0	4.5	3.3	1.4	1.0	.9	.9	.8	.8	1.1	5.0	2.0	24	
31	.9	1.0	.9	.7	.9	1.0	1.2	1.1	1.1	1.3	2.6	4.0	5.6	7.4	6.6	7.0	4.6	3.4	2.3	2.9	1.8	2.0	2.7	3.8	7.4	2.7	24	
Max	3.7	4.2	4.6	8.1	6.4	5.3	6.6	6.7	7.4	10.7	8.4	10.0	9.8	10.8	9.1	8.9	7.4	6.9	7.3	8.0	5.7	8.2	3.2	3.8	10.8			
Avg	1.5	1.5	1.8	1.9	1.8	1.6	1.8	2.2	2.9	3.8	4.4	5.1	5.5	5.7	5.5	5.1	4.1	2.8	2.2	1.9	1.8	1.8	1.5	1.5		2.9		
Rds	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31		742	

Monthly Parameter Report - Horizontal Wind Direction 1-Hour Averages

10/07

Logger Id : HS
 Site Name : Belvidere HS
 Parameter : WDA
 Units : DEG
 Avg Interval : 01

Day	Hours																							Max	Avg	Rds		
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22				23	
01	27	27	37	23	34	17	9	2	268	160	165	148	138	143	133	136	120	115	108	77	9	48	55	33	268	72	24	
02	56	36	86	53	36	66	27	63	65	51	140	159	167	146	142	142	135	106	28	10	33	44	35	29	167	72	24	
03	23	41	65	93	105	49	59	39	29	9	247	261	231	226	215	195	166	61	59	56	77	71	47	34	261	61	24	
04	58	95	56	103	75	72	118	109	239	269	261	238	199	203	195	170	172	96	51	39	33	67	48	65	269	102	24	
05	54	75	46	37	17	92	97	134	250	253	248	250	253	255	217	196	186	75	41	55	22	45	70	73	255	71	24	
06	67	85	152	74	61	243	284	242	269	256	264	258	244	236	232	223	215	186	80	48	42	32	50	64	284	228	24	
07	51	39	77	257	0	324	250	248	230	9	345	355	346	9	10	14	81	46	63	70	30	60	22	66	355	19	24	
08	74	65	217	75	66	334	228	244	228	215	235	220	262	257	291	281	279	277	33	50	59	59	63	219	334	272	24	
09	225	123	264	271	233	38	79	52	257	122	264	146	138	114	104	121	126	97	89	342	17	27	61	23	342	93	24	
10	51	35	32	42	48	36	19	35	350	55	85	74	183	82	82	99	99	45	16	48	21	18	33	98	350	51	24	
11	88	3	319	291	82	70	13	28	26	15	17	25	9986	260	327	301	298	298	297	301	283	246	263	281	327	330	23	
12	265	314	302	326	321	317	319	294	304	321	331	315	301	307	308	303	321	319	302	303	65	116	125	339	339	315	24	
13	64	139	44	63	68	50	88	121	223	235	247	249	284	271	282	267	258	161	52	54	58	106	62	65	284	76	24	
14	55	47	51	42	60	60	134	272	248	249	288	306	306	333	326	317	317	328	288	116	58	44	81	50	333	2	24	
15	65	35	92	57	55	47	49	213	136	222	253	258	260	262	274	262	254	269	59	62	42	34	256	41	274	358	24	
16	47	271	32	94	33	17	42	61	63	65	140	331	254	193	31	149	95	41	17	11	48	66	9	80	331	48	24	
17	80	23	22	30	31	35	28	54	22	55	36	9986	236	227	240	244	232	72	29	33	84	50	119	42	244	41	23	
18	47	48	33	117	48	55	129	9	172	233	241	228	226	205	194	190	175	111	49	27	220	202	203	184	241	160	24	
19	136	171	187	175	178	167	153	121	114	144	161	174	161	140	142	199	176	180	184	187	201	262	245	238	262	173	24	
20	192	228	227	230	222	239	238	231	236	233	249	255	256	265	261	264	263	265	132	70	238	23	262	256	265	242	24	
21	261	44	42	51	40	76	91	113	231	244	231	225	215	224	231	248	194	76	40	33	28	31	92	35	261	71	24	
22	34	46	81	53	65	58	55	64	336	246	237	258	244	196	199	187	186	93	56	35	18	143	335	277	336	58	24	
23	220	211	230	231	228	236	213	207	208	218	213	213	205	208	215	218	218	212	230	251	229	219	231	251	219	24		
24	248	232	322	40	335	11	41	34	15	33	36	15	17	52	54	31	44	41	50	52	81	39	48	33	335	30	24	
25	30	39	46	43	39	44	43	28	45	41	53	53	65	47	50	81	87	66	49	45	39	18	22	24	87	45	24	
26	24	25	30	23	25	28	21	31	29	29	29	35	40	34	17	14	20	12	13	17	17	13	15	24	40	23	24	
27	19	9	8	3	17	33	16	6	237	176	201	236	245	249	259	256	271	267	254	248	250	266	342	9	342	293	24	
28	263	286	283	316	320	300	313	326	327	320	329	314	316	322	323	327	314	306	298	356	25	332	59	95	356	321	24	
29	60	39	69	45	82	38	57	89	236	158	335	253	260	245	245	233	252	170	61	66	64	52	55	55	335	60	24	
30	52	59	28	70	68	93	56	126	253	243	223	226	214	206	211	212	209	92	57	48	26	56	31	66	253	89	24	
31	53	62	45	62	75	79	78	113	203	194	220	249	222	198	196	180	176	179	152	198	181	233	240	259	259	173	24	
Max	265	314	322	326	335	334	319	326	350	321	345	355	346	333	327	327	321	328	302	356	283	332	342	339	356			
Avg	51	44	38	46	45	39	51	58	265	242	253	254	239	228	239	221	201	81	45	39	37	43	41	39		36		
Rds	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31			742	

Monthly Parameter Report - Standard Deviation 1-Hour Averages

10/07

Logger Id : HS
 Site Name : Belvidere HS
 Parameter : SIG-T
 Units : DEG
 Avg Interval : 01

Day	Hours																							Max	Avg	Rds			
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22				23		
01	25	24	32	35	39	39	42	17	55	27	24	22	22	24	21	20	17	13	20	68	57	57	63	41	68	33	24		
02	28	28	28	41	28	23	33	32	44	46	27	44	40	29	28	23	17	37	59	45	36	38	40	33	59	34	24		
03	45	56	61	30	47	38	38	32	44	56	42	26	38	42	35	32	16	27	43	36	59	35	51	52	61	40	24		
04	51	60	42	48	53	38	60	58	58	25	28	38	42	36	35	16	15	27	29	20	62	48	53	32	62	40	24		
05	31	39	26	50	44	49	46	20	33	35	27	23	25	22	36	22	27	50	30	32	37	39	60	49	60	35	24		
06	55	38	32	40	40	42	20	41	18	24	18	20	27	27	28	26	34	55	38	43	59	45	48	38	59	35	24		
07	42	31	60	51	55	67	38	50	49	54	34	42	25	32	35	42	50	36	37	33	56	31	24	49	67	42	24		
08	59	28	36	50	36	79	37	29	30	27	35	28	21	28	20	19	22	29	62	28	22	39	69	70	79	37	24		
09	30	58	69	55	48	56	60	55	67	43	40	30	17	26	44	46	29	37	47	55	48	57	51	67	69	47	24		
10	51	39	43	32	35	38	24	26	38	50	53	64	67	75	43	32	17	30	34	25	20	18	35	43	75	38	24		
11	41	57	40	69	36	51	44	55	36	30	41	22	9986	46	39	26	27	26	32	46	28	23	31	34	69	38	23		
12	38	52	33	28	25	29	32	60	33	20	26	23	25	27	27	22	23	25	26	37	61	67	60	78	78	36	24		
13	49	50	45	26	62	51	47	44	28	36	24	27	23	21	24	21	17	31	16	37	48	61	48	52	62	37	24		
14	29	64	33	53	50	50	83	58	19	23	25	27	23	22	21	20	22	22	52	66	58	51	38	44	83	39	24		
15	39	53	39	28	40	35	55	48	49	48	32	24	26	30	27	25	18	41	34	50	27	25	61	29	61	36	24		
16	41	37	59	74	43	43	37	34	51	68	60	48	64	33	54	36	59	59	52	43	31	33	64	64	74	49	24		
17	56	31	29	29	25	26	24	33	54	63	61	9986	33	30	33	22	20	31	43	29	58	55	67	36	67	38	23		
18	41	64	77	52	59	66	51	42	57	54	28	29	33	29	21	24	16	20	39	65	39	33	28	27	77	41	24		
19	31	18	23	19	18	41	21	16	21	19	25	20	19	16	18	49	23	19	19	22	24	30	27	57	57	24	24		
20	50	21	22	19	16	14	17	19	22	22	23	24	20	19	19	17	16	41	55	38	53	65	58	27	65	29	24		
21	37	30	18	21	24	49	31	29	25	20	27	26	23	27	29	28	22	33	27	46	34	47	66	58	66	32	24		
22	43	37	37	60	51	53	46	73	38	39	34	22	36	30	24	16	18	30	40	58	41	56	64	44	73	41	24		
23	45	25	24	23	24	26	28	25	24	23	24	25	20	21	20	22	22	25	24	29	22	25	22	34	45	25	24		
24	25	30	45	42	47	41	47	28	23	35	33	38	26	37	40	37	30	38	28	37	35	26	27	25	47	34	24		
25	50	24	25	27	28	26	28	23	26	30	38	35	36	29	30	27	21	20	20	21	29	14	11	13	50	26	24		
26	13	18	17	20	20	23	21	24	25	24	26	30	25	21	19	17	16	18	17	18	15	15	17	19	30	19	24		
27	17	31	31	27	35	30	45	35	39	20	27	23	19	18	22	19	17	16	20	18	15	34	72	62	72	28	24		
28	48	61	50	19	25	26	28	25	23	22	27	23	25	25	22	21	20	21	18	28	30	25	63	52	63	30	24		
29	58	39	26	44	39	56	78	68	48	37	46	32	34	29	27	24	19	56	43	50	26	21	20	34	78	39	24		
30	18	47	41	22	19	35	30	49	21	28	36	45	33	29	22	21	20	16	16	55	32	44	55	34	55	32	24		
31	35	30	37	40	45	58	27	33	64	56	45	25	36	22	24	19	17	18	22	34	56	47	23	21	64	34	24		
Max	59	64	77	74	62	79	83	73	67	68	61	64	67	75	54	49	59	59	62	68	62	67	72	78	83				
Avg	39	39	38	37	37	41	39	38	37	35	33	30	30	29	28	25	22	30	33	39	39	38	45	42		35			
Rds	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31			742		

Monthly Parameter Report - Horizontal Wind Speed 1-Hour Averages

10/07

Logger Id : DF
 Site Name : Demeter Farm
 Parameter : WSA
 Units : MPH
 Avg Interval : 01

Day	Hours																							Max	Avg	Rds	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22				23
01	6.7	6.4	5.3	5.1	4.4	4.1	4.9	6.0	6.8	6.9	6.0	5.5	6.5	6.4	6.5	5.7	4.7	4.4	5.5	8.4	9.3	7.3	4.8	6.5	9.3	6.0	24
02	5.1	6.1	4.0	3.6	1.9	2.4	3.6	3.2	3.5	5.1	7.0	5.4	3.9	4.3	4.0	6.1	6.9	4.9	6.9	7.6	7.3	7.3	5.9	5.1	7.6	5.0	24
03	6.3	5.7	4.9	3.4	2.9	4.1	4.1	3.3	4.6	5.1	5.0	5.3	9986	7.0	7.4	6.4	5.9	3.6	5.4	5.8	7.8	6.3	6.8	6.9	7.8	5.3	23
04	7.3	7.0	6.3	5.9	4.4	4.8	4.4	4.0	5.6	6.0	6.7	7.0	6.8	6.0	5.8	5.3	5.6	6.2	7.7	7.7	7.5	7.2	4.8	5.4	7.7	6.0	24
05	4.1	4.9	7.2	6.2	6.7	6.0	5.8	3.2	3.1	3.3	4.0	3.1	4.8	5.9	6.0	5.6	4.1	4.7	5.8	7.6	8.3	7.3	6.5	6.3	8.3	5.4	24
06	6.6	6.2	7.7	8.9	7.5	8.3	8.4	6.6	5.8	4.3	4.9	7.8	7.6	9.0	8.1	6.8	7.6	6.4	6.1	8.5	8.0	8.1	8.1	8.2	9.0	7.3	24
07	9.2	9.3	7.6	7.1	9.1	9.7	8.9	8.2	9.3	10.7	10.1	9.1	9.7	8.4	9.1	5.5	3.0	1.4	4.6	7.4	4.9	6.0	4.7	3.2	10.7	7.3	24
08	4.7	3.7	6.6	6.1	6.8	7.8	9.9	11.2	9.5	10.2	11.2	10.1	10.9	12.2	14.2	13.6	11.1	9.3	10.0	9.4	10.2	9.1	10.6	11.6	14.2	9.5	24
09	12.0	11.4	10.1	9.6	8.3	6.6	6.5	5.2	4.2	4.5	2.6	4.1	9.1	11.6	9.0	11.9	13.2	8.9	7.9	8.2	8.8	8.3	8.2	5.9	13.2	8.1	24
10	3.5	2.7	2.3	1.0	1.3	1.7	2.4	4.7	5.7	4.2	2.9	3.2	3.5	3.6	3.5	2.7	2.1	2.6	2.5	3.0	3.6	5.1	3.8	2.7	5.7	3.0	24
11	3.2	3.2	11.7	13.2	8.3	5.8	5.8	4.4	4.1	7.2	5.4	6.1	7.1	6.9	7.3	10.5	9.6	13.0	11.4	10.4	11.2	9.9	13.0	13.0	13.2	8.4	24
12	12.3	13.6	14.3	16.1	17.8	16.3	17.3	20.5	20.1	22.3	16.0	19.9	21.8	22.9	22.3	21.6	17.6	16.1	17.4	11.2	9.3	10.1	10.0	7.1	22.9	16.4	24
13	7.4	8.4	8.5	8.5	7.1	7.4	7.1	7.7	7.8	9.0	8.6	9.0	11.4	11.4	13.5	9.5	7.9	4.9	5.5	5.9	6.3	12.4	9.5	9.2	13.5	8.4	24
14	9.8	11.6	11.5	11.1	10.3	9.6	9.1	10.5	8.8	10.1	11.4	13.6	15.4	17.1	17.2	13.7	11.2	11.0	10.5	7.1	7.1	8.0	7.1	6.9	17.2	10.8	24
15	5.4	3.6	4.9	4.5	5.9	6.4	6.9	6.6	6.9	7.3	9.6	10.8	10.5	10.5	8.5	8.1	7.3	7.3	7.0	3.2	4.8	4.7	5.0	5.5	10.8	6.7	24
16	6.2	5.8	6.8	7.9	6.5	5.1	3.7	3.8	4.8	5.1	3.9	3.8	3.6	4.2	3.6	2.9	2.6	3.8	3.5	4.6	4.8	4.2	6.8	6.1	7.9	4.7	24
17	4.7	2.9	2.5	3.0	2.8	5.1	6.1	4.0	4.7	5.4	5.5	4.3	6.7	9986	8.3	6.2	4.1	4.4	4.4	6.2	7.9	8.4	10.2	7.7	10.2	5.4	23
18	6.6	6.9	5.9	5.4	5.8	5.2	6.8	8.1	7.7	9.3	8.6	9.8	9.1	8.2	8.3	7.4	8.1	7.7	8.2	10.7	9.1	8.6	7.7	6.5	10.7	7.7	24
19	6.8	6.7	7.8	7.6	8.2	8.2	8.4	8.1	8.3	10.1	10.5	11.6	10.1	9.8	11.7	10.0	9.5	11.0	11.8	13.3	12.6	17.9	13.7	8.9	17.9	10.1	24
20	7.9	8.6	9.0	10.5	11.1	9.5	8.0	9.8	11.4	11.2	11.6	12.2	14.3	14.8	14.7	16.4	12.4	10.0	10.0	9.8	10.0	13.3	14.0	12.8	16.4	11.3	24
21	12.7	11.0	11.8	11.1	13.6	12.3	10.6	8.9	9.0	9.6	7.0	6.9	7.8	8.0	7.6	6.2	7.6	8.8	10.5	10.0	10.4	12.2	10.0	9.0	13.6	9.6	24
22	9.1	8.4	7.9	9.4	10.2	9.4	8.5	7.8	7.2	7.8	7.7	6.6	8.2	8.7	9.7	8.4	8.7	7.9	8.9	8.3	9.1	9.6	11.4	10.6	11.4	8.7	24
23	10.5	10.5	10.2	11.2	10.3	10.1	10.0	10.1	12.2	14.9	15.1	13.7	14.6	14.2	14.1	15.1	16.0	14.5	13.0	13.6	13.5	11.5	8.7	8.1	16.0	12.3	24
24	10.4	7.8	6.6	4.6	4.9	4.3	4.2	4.3	4.9	4.0	5.8	8.0	9.6	7.7	5.6	7.3	6.4	8.1	8.8	6.9	4.9	4.9	5.3	6.4	10.4	6.3	24
25	6.1	5.3	7.5	7.9	6.8	9.0	9.4	8.8	9.2	8.6	9.6	8.9	9.7	8.2	6.2	5.9	5.3	4.7	7.0	7.6	8.3	7.4	8.2	8.7	9.7	7.6	24
26	7.6	7.3	9.3	8.8	7.4	8.5	6.0	7.4	8.2	7.7	8.8	8.7	8.6	9.7	9.0	8.3	8.9	8.4	8.6	8.3	7.7	7.1	6.5	7.1	9.7	8.0	24
27	6.9	6.1	5.2	5.5	3.6	4.6	7.0	13.6	14.5	12.7	11.7	15.1	15.0	14.0	13.3	14.8	13.4	14.5	15.6	16.7	15.8	17.5	15.5	13.9	17.5	11.9	24
28	14.1	12.7	13.2	20.9	18.9	14.9	12.6	16.5	16.2	15.8	16.8	16.1	18.9	17.3	15.3	15.6	18.3	16.0	11.6	9.3	8.1	12.0	10.7	9.3	20.9	14.6	24
29	7.7	7.9	7.6	7.7	7.6	7.1	6.4	5.8	6.5	6.6	6.9	7.5	9.0	8.8	8.3	7.6	6.1	7.7	8.1	5.7	6.6	7.9	8.6	10.6	10.6	7.5	24
30	9.6	7.3	8.5	10.2	10.9	10.2	9.9	11.5	10.1	8.1	4.6	4.6	5.6	7.1	8.0	7.1	6.3	6.1	6.8	6.8	7.5	6.8	6.9	8.5	11.5	7.8	24
31	7.4	6.1	5.1	6.4	6.6	7.1	7.4	8.4	10.4	12.3	12.8	10.7	11.7	10.7	10.1	10.2	10.9	9.3	9.9	10.9	10.3	11.8	12.9	13.2	13.2	9.6	24
Max	14.1	13.6	14.3	20.9	18.9	16.3	17.3	20.5	20.1	22.3	16.8	19.9	21.8	22.9	22.3	21.6	18.3	16.1	17.4	16.7	15.8	17.9	15.5	13.9	22.9		
Avg	7.6	7.2	7.6	8.0	7.6	7.4	7.4	7.8	8.0	8.5	8.3	8.6	9.7	9.8	9.5	9.1	8.4	7.9	8.4	8.3	8.4	8.9	8.5	8.0		8.3	
Rds	31	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31		742	

Monthly Parameter Report - Horizontal Wind Direction 1-Hour Averages

10/07

Logger Id : DF
 Site Name : Demeter Farm
 Parameter : WDA
 Units : DEG
 Avg Interval : 01

Day	Hours																							Max	Avg	Rds		
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22				23	
01	130	130	127	129	125	122	128	137	139	147	135	125	131	128	126	125	115	107	117	130	131	131	129	131	147	128	24	
02	130	130	120	115	87	96	129	117	126	118	134	128	111	111	114	128	126	118	131	133	132	132	124	119	134	121	24	
03	129	125	127	113	109	119	128	115	166	175	216	261	9986	236	213	171	179	132	167	173	184	165	183	197	261	162	23	
04	185	210	216	200	213	255	236	216	255	302	268	259	219	221	185	172	150	169	192	191	188	209	214	209	302	212	24	
05	227	253	261	263	264	261	275	348	334	5	346	21	193	199	209	201	159	153	177	199	196	202	212	252	348	234	24	
06	257	259	262	263	266	265	266	264	267	327	262	250	231	236	242	237	216	223	233	254	248	236	235	239	327	250	24	
07	243	249	253	260	270	264	274	288	311	329	338	341	342	353	343	8	38	60	346	337	9	66	86	111	353	328	24	
08	135	147	202	244	250	247	244	253	254	252	255	256	263	274	284	280	278	267	261	261	265	267	265	267	284	253	24	
09	272	272	263	269	271	271	281	314	344	359	46	97	129	131	105	130	132	124	74	127	129	127	131	121	359	128	24	
10	110	96	95	61	50	66	34	348	345	354	23	29	15	14	78	94	86	94	93	98	106	118	75	47	354	62	24	
11	82	71	329	326	1	39	56	79	91	87	86	66	72	327	324	307	302	317	323	327	311	305	311	319	329	2	24	
12	323	326	322	318	321	319	316	312	313	319	321	312	303	313	310	314	318	321	320	328	328	321	318	306	328	317	24	
13	283	280	276	280	279	265	268	268	259	275	276	272	270	265	271	289	270	240	225	220	236	271	278	282	289	266	24	
14	283	275	273	278	279	275	277	268	250	271	292	303	314	314	320	316	319	328	319	317	327	330	322	321	330	299	24	
15	319	287	275	256	271	270	276	267	252	262	278	276	277	278	279	292	279	273	282	2	352	352	358	358	358	290	24	
16	0	346	347	348	359	5	19	19	20	30	41	5	8	334	0	35	113	144	121	136	144	129	149	155	359	37	24	
17	195	110	87	100	105	138	144	150	185	202	229	225	218	9986	216	223	180	209	230	212	208	211	201	211	230	187	23	
18	224	241	235	236	215	218	193	191	210	208	220	206	187	182	175	170	156	147	144	151	165	170	172	170	241	190	24	
19	161	160	166	162	160	160	153	143	145	147	143	147	141	134	137	163	155	157	158	160	178	265	288	269	288	161	24	
20	252	247	253	259	263	260	254	252	257	257	260	258	258	268	267	272	270	262	259	262	265	265	269	260	272	260	24	
21	262	256	260	259	264	271	270	265	263	272	254	247	224	224	224	220	198	197	198	211	201	193	200	216	272	235	24	
22	223	233	235	221	212	229	248	255	253	203	194	183	206	166	184	174	168	161	159	161	158	160	166	161	255	195	24	
23	161	163	169	178	177	178	176	169	186	203	201	202	200	192	190	200	200	199	197	203	231	284	285	265	285	197	24	
24	266	255	272	10	256	13	29	64	70	34	16	349	349	3	17	338	15	354	353	10	30	35	59	34	354	6	24	
25	32	28	24	45	26	25	53	48	51	61	69	68	67	68	76	82	83	69	79	85	84	82	80	75	85	61	24	
26	75	71	70	68	68	65	58	68	69	74	79	80	77	78	81	82	82	91	92	93	94	99	99	98	99	79	24	
27	101	102	102	111	101	113	123	157	161	154	170	265	272	269	268	274	279	274	270	272	264	272	267	269	279	221	24	
28	275	281	294	316	317	317	323	326	325	324	323	324	318	325	327	322	319	320	316	327	351	332	325	321	351	318	24	
29	311	311	317	318	310	314	319	301	306	311	309	285	296	283	266	254	247	269	283	261	251	244	255	260	319	286	24	
30	263	257	259	265	265	259	260	264	277	295	302	317	275	255	231	221	211	233	236	235	235	232	224	206	317	252	24	
31	219	226	222	200	204	200	205	206	210	206	207	205	203	173	164	152	157	159	167	171	177	187	192	185	226	191	24	
Max	323	346	347	348	359	319	323	348	345	359	346	349	349	353	343	338	319	354	353	337	352	352	358	358	359			
Avg	227	235	249	257	261	260	256	256	256	280	270	274	248	253	234	221	186	186	206	203	203	213	218	227		236		
Rds	31	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31			742	

Monthly Parameter Report - Temperature 1-Hour Averages

10/07

Logger Id : DF
 Site Name : Demeter Farm
 Parameter : TEMP
 Units : DEGC
 Avg Interval : 01

		Hours																								Max	Avg	Rds
Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
01	13.5	13.4	13.3	13.1	13.0	12.9	12.8	13.6	14.9	16.3	17.1	17.2	17.9	18.1	18.3	18.1	17.1	15.3	13.9	13.3	12.7	12.2	11.7	11.6	18.3	14.6	24	
02	11.6	11.8	12.2	12.3	11.7	12.2	12.7	13.6	14.2	15.9	17.5	18.5	19.3	19.8	19.8	20.2	19.7	18.0	17.4	16.7	16.2	16.0	15.5	15.6	20.2	15.7	24	
03	16.0	16.2	16.4	16.7	16.8	16.9	17.1	17.4	17.7	18.0	19.1	20.1	9986	22.9	23.7	24.4	23.5	22.4	22.0	21.6	20.8	19.9	19.5	18.7	24.4	19.4	23	
04	18.2	18.0	18.0	17.8	17.5	18.1	18.2	18.2	20.0	21.0	22.3	22.8	24.5	25.5	26.2	26.3	25.2	23.9	23.2	22.9	22.4	21.4	21.2	20.8	26.3	21.4	24	
05	20.4	20.1	19.9	19.5	19.1	19.0	19.4	19.4	20.5	20.1	20.9	21.8	23.6	23.3	23.6	23.0	22.1	20.6	20.0	19.7	19.4	18.8	18.3	18.8	23.6	20.4	24	
06	18.8	18.6	18.5	18.7	18.6	18.5	18.4	18.6	19.8	19.8	21.6	21.8	23.0	23.9	24.1	24.0	23.4	22.0	21.7	21.6	21.3	21.2	21.0	20.6	24.1	20.8	24	
07	20.2	19.9	19.8	19.3	19.6	19.8	19.6	20.0	20.9	21.5	22.5	23.5	23.8	23.7	23.5	23.2	23.1	22.5	21.6	20.6	19.9	18.3	16.8	17.0	23.8	20.8	24	
08	17.4	17.4	17.5	17.4	17.2	17.0	16.8	17.0	17.4	19.6	21.4	23.3	25.4	27.0	28.1	28.0	27.3	26.5	25.9	25.5	25.0	24.4	23.9	23.9	28.1	22.0	24	
09	23.2	22.9	22.3	22.4	21.8	21.5	21.6	22.0	22.4	22.7	23.5	24.5	22.4	19.1	16.3	15.6	14.9	14.8	14.5	14.4	14.4	14.3	14.4	14.5	24.5	19.1	24	
10	14.5	14.5	14.6	14.6	14.7	14.7	14.8	14.7	14.8	15.5	16.7	17.9	18.9	19.9	19.6	18.6	17.5	16.4	15.8	14.9	14.4	14.3	14.0	19.9	15.8	24		
11	14.3	14.3	13.3	11.5	11.3	11.3	11.7	12.9	13.8	14.1	14.2	14.3	14.3	14.4	14.2	12.9	11.8	11.3	10.6	10.5	10.3	10.2	10.3	10.3	14.4	12.4	24	
12	10.4	10.2	10.0	10.1	9.9	9.8	9.9	9.8	9.9	10.0	9.9	9.5	9.4	9.5	10.1	10.2	9.8	8.7	7.5	6.8	6.2	5.7	5.8	5.6	10.4	8.9	24	
13	5.2	4.8	5.0	5.0	4.7	4.9	5.4	6.0	7.1	7.9	9.3	10.2	10.9	11.8	12.1	11.5	11.2	10.5	10.2	9.9	9.7	9.5	8.6	8.2	12.1	8.3	24	
14	8.2	8.1	7.8	7.5	7.2	7.0	6.8	7.6	8.6	10.0	11.6	13.2	13.8	13.7	13.2	12.6	12.3	11.8	11.2	10.4	10.1	9.8	9.3	9.2	13.8	10.0	24	
15	9.4	9.4	9.2	8.7	8.7	8.6	8.8	9.3	10.5	11.4	12.7	14.0	14.9	15.8	16.4	16.5	16.0	15.0	14.7	13.8	13.4	12.9	12.0	11.2	16.5	12.2	24	
16	10.8	10.8	10.7	10.6	10.4	10.2	10.0	10.0	10.9	12.4	14.1	15.5	16.4	17.1	17.6	17.6	16.4	16.3	15.9	15.0	14.7	14.6	13.5	13.2	17.6	13.5	24	
17	13.3	13.1	12.5	12.6	12.7	13.0	12.9	13.3	13.8	14.5	15.4	16.4	18.1	9986	19.8	20.2	19.7	18.7	18.7	18.4	18.0	18.0	17.2	16.7	20.2	15.9	23	
18	16.5	16.9	16.9	16.8	16.3	16.5	16.4	16.0	17.2	18.9	19.6	20.9	21.7	21.8	22.0	21.7	20.7	20.1	20.0	19.8	19.7	19.7	19.4	19.2	22.0	18.9	24	
19	19.2	19.1	19.0	19.1	19.2	19.3	19.3	19.5	19.9	20.1	20.4	20.8	21.1	20.9	20.9	21.1	21.1	21.0	21.0	20.9	21.0	18.4	14.6	14.1	21.1	19.6	24	
20	14.1	14.2	13.8	13.4	13.3	13.0	12.7	12.8	13.2	13.9	15.1	16.0	16.4	16.5	16.2	16.7	15.9	15.2	14.8	14.4	13.8	13.7	13.8	13.2	16.7	14.4	24	
21	13.0	12.2	12.1	12.1	12.5	12.5	12.2	12.6	13.8	14.7	16.1	17.4	18.6	19.5	20.3	20.6	20.0	18.6	18.2	17.6	17.2	16.4	15.4	14.9	20.6	15.7	24	
22	14.6	14.3	14.3	14.2	13.7	14.2	14.0	15.3	16.9	17.6	18.9	19.5	21.0	21.8	22.5	21.9	21.0	19.1	18.7	18.0	17.3	16.9	17.0	16.6	22.5	17.4	24	
23	16.3	16.0	16.0	16.0	15.9	16.2	16.3	16.9	17.7	18.6	19.6	19.9	20.6	21.1	21.6	21.5	21.0	20.9	20.8	20.7	20.1	17.4	17.0	16.8	21.6	18.5	24	
24	16.6	16.4	16.2	15.2	15.7	14.6	13.8	13.0	12.8	12.4	11.7	11.6	11.4	11.2	11.5	11.6	11.6	11.5	11.0	10.1	10.1	10.4	10.2	9.9	16.6	12.5	24	
25	9.5	9.3	8.8	8.6	8.6	8.6	8.2	8.1	7.9	8.3	9.5	10.8	11.2	11.7	11.7	11.3	10.6	9.7	9.5	9.3	9.1	8.9	8.7	8.6	11.7	9.4	24	
26	8.8	8.7	8.5	8.3	7.9	7.6	7.3	7.2	7.7	8.7	9.7	9.6	9.4	9.5	10.0	10.4	10.7	11.1	11.4	11.7	12.0	12.3	12.6	12.9	12.9	9.7	24	
27	13.2	13.6	14.0	14.6	15.0	15.9	16.7	17.9	17.8	18.5	19.1	17.4	16.0	15.4	15.9	15.6	15.1	14.0	12.9	12.2	11.8	11.5	11.0	10.9	19.1	14.8	24	
28	10.7	10.9	10.9	9.5	7.9	6.8	6.1	5.6	5.8	6.7	7.2	7.7	7.8	7.9	8.0	8.6	8.0	7.3	6.5	6.1	5.0	4.3	3.8	3.3	10.9	7.1	24	
29	2.8	2.4	2.0	1.9	1.4	1.5	1.4	1.6	2.1	3.1	4.5	5.6	6.7	7.8	8.6	9.0	8.3	7.6	7.2	7.1	7.1	6.9	6.8	6.7	9.0	5.0	24	
30	6.2	6.1	6.3	6.1	6.1	6.0	5.8	6.2	7.3	8.5	9.8	10.9	12.5	13.2	13.8	13.6	12.8	11.9	11.8	11.4	11.0	10.9	10.8	9.9	13.8	9.5	24	
31	9.5	9.4	9.2	9.1	8.9	8.3	7.7	8.5	10.1	11.5	12.4	13.0	14.6	15.2	15.6	15.2	13.9	12.8	12.0	11.6	10.9	10.5	10.7	10.5	15.6	11.2	24	
Max	23.2	22.9	22.3	22.4	21.8	21.5	21.6	22.0	22.4	22.7	23.5	24.5	25.4	27.0	28.1	28.0	27.3	26.5	25.9	25.5	25.0	24.4	23.9	23.9	28.1			
Avg	13.4	13.3	13.1	12.9	12.8	12.7	12.7	13.0	13.7	14.5	15.5	16.2	16.8	17.2	17.5	17.5	16.8	16.0	15.5	15.0	14.6	14.1	13.7	13.4		14.7		
Rds	31	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31			742	

Monthly Parameter Report - Solar Radiation 1-Hour Averages

10/07

Logger Id : DF
 Site Name : Demeter Farm
 Parameter : SOLARRAD
 Units : W/M2
 Avg Interval : 01

		Hours																								Max	Avg	Rds
Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23				
01	1	1	1	1	1	2	25	138	224	492	405	328	450	366	374	264	113	27	1	1	1	1	1	1	492	134	24	
02	1	1	1	1	1	2	23	97	198	516	668	579	471	299	197	248	151	23	1	1	1	1	1	1	668	145	24	
03	1	1	1	1	1	1	11	67	96	254	351	563	9986	520	442	364	132	24	1	1	1	1	1	1	563	123	23	
04	1	1	1	1	1	2	28	114	287	525	618	671	674	609	499	316	143	25	1	1	1	1	1	1	674	188	24	
05	1	1	1	1	1	2	27	114	206	498	647	365	585	312	424	201	121	20	1	1	1	1	1	1	647	147	24	
06	1	1	1	1	1	2	24	113	205	500	617	665	666	596	482	329	145	20	1	1	1	1	1	1	666	182	24	
07	1	1	1	1	1	1	23	84	280	467	584	468	316	501	383	318	147	12	1	1	1	1	1	2	584	149	24	
08	1	1	1	1	1	1	17	83	240	466	591	655	562	592	475	305	135	18	1	1	1	1	1	1	655	172	24	
09	1	1	1	1	1	1	21	104	200	277	455	420	425	362	64	168	52	3	1	1	1	1	1	1	455	106	24	
10	1	1	1	1	1	1	10	79	99	168	429	628	639	563	482	249	89	15	1	1	1	1	1	1	639	144	24	
11	1	1	1	1	1	1	5	36	75	129	40	27	25	88	62	43	27	3	1	1	1	1	1	1	129	23	24	
12	1	1	1	2	1	1	7	60	263	549	421	328	469	514	478	339	155	18	1	1	1	1	1	1	549	150	24	
13	1	1	1	1	1	1	16	66	180	511	500	426	471	590	527	215	76	9	1	1	1	1	1	1	590	149	24	
14	1	1	1	1	1	1	15	65	179	492	602	634	587	418	385	148	53	4	1	1	1	1	1	2	634	149	24	
15	1	1	1	1	1	1	15	67	180	473	573	651	636	571	416	259	112	9	1	1	1	1	1	1	651	165	24	
16	1	1	1	1	1	1	10	73	176	469	583	608	596	523	446	218	48	6	1	1	1	1	1	1	608	157	24	
17	1	1	1	1	1	1	9	41	95	180	431	594	602	9986	360	229	92	5	1	1	1	1	1	1	602	115	23	
18	1	1	1	1	1	1	12	69	200	448	509	530	401	289	258	166	54	4	1	1	1	1	1	1	530	123	24	
19	1	1	1	1	1	1	6	15	40	64	126	127	136	45	21	48	11	2	1	1	1	1	1	1	136	27	24	
20	1	1	1	1	1	1	12	47	198	455	524	548	503	352	267	283	74	5	1	1	1	1	1	1	548	136	24	
21	1	1	1	1	1	1	10	39	193	470	575	629	624	558	437	277	89	4	1	1	1	1	1	1	629	163	24	
22	1	1	1	1	1	1	10	43	191	446	533	539	614	522	434	241	103	3	1	1	1	1	1	1	614	153	24	
23	1	1	1	1	1	1	18	105	188	226	195	167	340	227	266	93	18	2	1	1	1	1	1	1	340	77	24	
24	1	1	1	1	1	1	3	16	64	83	72	77	55	79	88	46	14	2	1	1	1	1	1	1	88	25	24	
25	1	1	1	1	1	1	4	26	71	199	450	361	356	303	181	119	45	2	1	1	1	1	1	1	450	88	24	
26	1	1	1	1	1	1	6	46	79	118	133	115	73	70	47	24	10	2	1	1	1	1	1	1	133	30	24	
27	1	1	1	1	1	1	2	7	23	20	22	76	184	195	220	109	52	3	1	1	1	1	1	1	220	38	24	
28	1	1	1	1	1	1	8	45	163	471	394	412	522	362	225	282	54	3	1	1	1	1	1	1	522	123	24	
29	1	1	1	1	1	1	8	44	159	445	550	612	598	530	409	233	43	3	1	1	1	1	1	1	612	151	24	
30	1	1	1	1	1	1	7	43	149	418	517	569	566	497	382	218	50	2	1	1	1	1	1	1	569	142	24	
31	1	1	1	1	1	1	7	66	174	377	561	575	562	520	393	220	39	2	1	1	1	1	1	1	575	146	24	
Max	1	1	1	2	1	2	28	138	287	549	668	671	674	609	527	364	155	27	1	1	1	1	1	2	674			
Avg	1	1	1	1	1	1	12	64	163	361	441	449	456	399	326	212	78	9	1	1	1	1	1	1	123			
Rds	31	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31			742	

Monthly Parameter Report - Standard Deviation 1-Hour Averages

10/07

Logger Id : DF
 Site Name : Demeter Farm
 Parameter : SIG-T
 Units : DEG
 Avg Interval : 01

Day	Hours																								Max	Avg	Rds
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
01	11	11	13	13	14	14	13	12	15	19	20	21	18	19	20	19	20	19	16	11	10	12	13	10	21	15	24
02	12	11	17	17	13	14	15	16	17	22	19	22	28	25	19	16	14	16	10	10	11	12	13	15	28	16	24
03	13	15	16	20	21	20	16	20	27	26	46	33	9986	43	21	19	16	13	11	13	11	11	10	9	46	19	23
04	9	4	10	9	30	36	48	40	34	34	23	31	30	45	30	22	8	10	6	6	9	5	12	12	48	20	24
05	33	30	8	13	8	5	7	40	42	17	17	40	36	20	23	19	27	11	11	4	5	5	8	13	42	18	24
06	11	14	9	7	7	6	6	8	12	52	42	19	21	24	20	21	11	12	14	10	11	9	10	10	52	15	24
07	10	10	13	13	7	6	9	10	8	11	14	19	16	17	14	20	16	5	16	8	12	11	12	17	20	12	24
08	11	27	16	22	15	13	11	11	12	13	11	11	15	13	12	11	11	8	8	7	6	7	7	7	27	11	24
09	6	6	7	8	8	8	8	11	18	18	17	28	15	10	30	11	8	15	36	11	10	11	11	16	36	13	24
10	20	19	22	11	9	12	13	10	12	18	23	36	54	75	28	18	14	15	13	15	14	15	23	16	75	21	24
11	13	13	19	8	15	18	14	16	18	14	17	14	14	24	13	11	10	7	7	6	7	8	7	8	24	12	24
12	8	8	7	8	8	8	9	8	9	8	14	10	9	8	9	8	9	9	8	7	5	4	6	10	14	8	24
13	9	10	8	9	10	9	10	7	12	16	24	23	13	12	12	16	10	21	10	7	11	9	11	10	24	12	24
14	8	6	6	8	8	9	9	7	12	14	16	12	11	12	10	8	8	7	8	9	5	5	5	5	16	8	24
15	17	64	6	19	7	8	8	10	15	19	19	17	16	15	17	16	10	7	11	38	13	12	15	12	64	16	24
16	14	10	9	11	13	14	20	19	21	25	26	37	28	31	25	38	32	21	15	13	6	17	6	8	38	19	24
17	38	35	13	15	17	13	9	26	27	28	28	59	30	9986	19	27	52	9	23	2	7	8	6	7	59	21	23
18	11	13	16	18	8	10	5	8	9	13	17	17	16	19	17	15	10	7	8	7	11	14	15	16	19	12	24
19	12	15	14	14	12	11	10	11	10	10	9	9	11	12	11	14	11	11	11	11	15	12	9	11	15	11	24
20	13	11	9	7	7	8	10	10	9	10	12	12	12	12	10	11	9	8	8	8	6	6	6	7	13	9	24
21	7	8	7	7	6	6	8	7	8	11	19	21	21	19	20	21	12	6	6	6	7	7	8	9	21	10	24
22	9	9	10	7	6	7	9	9	14	13	20	26	19	17	17	16	11	8	7	8	7	9	10	9	26	11	24
23	11	11	12	13	13	14	14	13	14	12	14	12	12	16	13	13	10	12	11	9	13	9	9	12	16	12	24
24	10	12	13	33	37	22	21	15	16	24	19	13	14	19	22	11	19	14	12	20	20	18	13	18	37	18	24
25	21	19	19	17	21	21	15	16	18	14	17	20	15	15	15	14	15	11	14	16	12	13	11	13	21	15	24
26	13	11	10	9	10	9	11	10	10	11	13	13	12	11	11	12	11	16	14	14	16	15	16	14	16	12	24
27	15	15	13	12	14	14	14	11	11	9	17	9	8	7	9	8	10	8	8	7	7	7	6	6	17	10	24
28	7	9	11	8	7	7	8	8	9	11	11	11	11	11	10	11	9	7	7	10	12	7	6	6	12	8	24
29	7	6	5	4	5	8	6	9	12	17	26	32	17	20	18	18	14	6	9	11	10	8	8	7	32	11	24
30	6	9	8	5	4	7	6	6	9	11	42	48	46	39	18	17	10	8	8	8	8	6	8	4	48	14	24
31	6	8	5	4	4	5	4	6	9	10	11	16	15	17	16	11	7	8	9	11	10	10	10	10	17	9	24
Max	38	64	22	33	37	36	48	40	42	52	46	59	54	75	30	38	52	21	36	38	20	18	23	18	75		
Avg	12	14	11	11	11	11	11	13	15	17	20	22	19	20	17	15	14	10	11	10	9	9	10	10		13	
Rds	31	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31			742