APRIL 2007
MONTHLY DATA REPORT

FOR THE

WARREN COUNTY AIR MONITORING PROJECT

Ref. No. 7047.08
June 11, 2007

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WARREN COUNTY AIR MONITORING PROJECT

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 (%)
SO2	≤ ±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 24-Hour 3-Hour	0.03 ppm 0.14 ppm -	- - 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	.079	4/23 (11)	.042	4/ 3 (16)	.015	4/23 (11)	.008	4/ 3 (5)	.002	.002
					Maximum 24-Hour Block Conc.	**Date**	**2nd Highest 24-Hour Block Conc.**	**Date**		
					.013	4/23	.007	4/ 2, 4/ 3		

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	.196	4/23 (10:20)	None	-	-

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

April 2007

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

Rank	Average	Date	Hour
1	.079	04/23/07	11
2	.042	04/03/07	16
3	.029	04/22/07	15
4	.027	04/02/07	11
5	.022	04/02/07	14
6	.018	04/23/07	14
7	.016	04/30/07	10
8	.008	04/03/07	10
9	.008	04/21/07	11
10	.007	04/23/07	17

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

April 2007

Logger Id : HS
Logger Name : Belvidere HS
Avg Interval: 24 hour
Parameter : SO2
Units : PPM
Avg Type : Backward

Rank	Average	Date	Hour
1	.015	04/23/07	11
2	.008	04/03/07	05
3	.007	04/04/07	05
4	.004	04/24/07	11
5	.002	04/01/07	00
6	.002	04/28/07	08
7	.002	04/30/07	10
8	.001	04/05/07	17
9	.001	04/06/07	17
10	.001	04/21/07	11

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 24-Hour 3-Hour	0.03 ppm 0.14 ppm -	- - 0.50 ppm

Demeter Farm										
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 to Date**
SO2 ppm	.044	4/28 (7)	.040	4/28 (4)	.016	4/28 (21)	.011	4/13 (21)	.005	.006

Maximum 24-Hour Block Conc	**Date**	**2nd Highest 24-Hour Block Conc.**	**Date**
.016	4/28	.010	4/13

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	.250	4/28 (03:05)	None	-	-

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

April 2007

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

Rank	Average	Date	Hour
1	.044	04/28/07	07
2	.040	04/28/07	04
3	.031	04/13/07	19
4	.021	04/22/07	02
5	.019	04/03/07	15
6	.019	04/24/07	08
7	.018	04/13/07	12
8	.018	04/22/07	13
9	.016	04/16/07	14
10	.015	04/06/07	17

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

April 2007

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

Rank	Average	Date	Hour
1	.016	04/28/07	21
2	.011	04/13/07	21
3	.008	04/07/07	11
4	.008	04/22/07	01
5	.008	04/24/07	07
6	.007	04/05/07	19
7	.006	04/03/07	14
8	.006	04/08/07	11
9	.006	04/09/07	11
10	.005	04/30/07	12

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	99.6
	Horizontal Wind Speed	99.4
	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

Some of the five-minute data for the Belvidere High School and Demeter Farm sites were not captured via autopoll. The data that could be recovered was digitized from the strip charts.

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
Demeter Farm	4/23 (13-14)	Horizontal Wind Speed	Sensor malfunction

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

04/07

Logger Id : HS
Site Name : Belvidere HS
Parameter : SO2
Units : PPM
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	.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	.002	.003	.007	.010	.027	.033	.023	.014	.024	.030	.013	.002	.000	.000	.000	.000	.000	.000	.000	.033	.007	24
03	.000	.000	.000	.000	.000	.006	.006	.001	.002	.010	.013	.001	.004	.008	.041	.043	.042	.000	.000	.001	.000	.000	.000	.000	.043	.007	24
04	.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
05	.000	.000	.000	.004	.005	.003	.000	.002	.002	.000	.002	.000	.000	.000	.000	.001	.003	.002	.004	.005	.004	.005	.000	.001	.005	.001	24
06	.000	.000	.000	.000	.000	.001	.002	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002	.002	.001	.000	.001	.000	.002	.000	24
07	.000	.000	.000	.000	.000	.000	.000	.000	.002	.000	.000	.000	.000	.001	.000	.000	.000	.000	.001	.001	.001	.000	.000	.002	.002	.000	24
08	.002	.001	.000	.000	.000	.000	.000	.000	.000	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.003	.002	.000	.000	.000	.003	.000	24
09	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	9998	9998	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	22
10	.000	.000	.000	.000	.000	.000	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.009	.006	.002	.000	.009	.000	24
11	.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
12	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.001	.002	.000	24
13	.002	.002	.001	.000	.000	.000	.000	.000	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.000	24
14	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002	.001	.001	.001	.001	.002	.000	24
15	.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
16	.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
17	.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
18	.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
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	24
20	.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
21	.000	.000	.000	.000	.000	.000	.000	.000	.003	.020	.001	.004	.002	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.020	.001	24
22	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.024	.034	.021	.032	.011	.000	.000	.000	.000	.000	.000	.000	.034	.005	24
23	.000	.000	.000	.000	.000	.000	.000	.000	.005	.070	.118	.050	.036	.018	.001	.017	.005	.000	.001	.001	.000	.004	.001	.001	.118	.013	24
24	.001	.000	.000	.001	.002	.002	.004	.005	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.005	.000	24
25	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	9998	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	23
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	24
27	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.002	.004	.000	.001	.000	.000	.000	.000	.000	.000	.006	.006	.000	24
28	.004	.004	.007	.004	.004	.003	.002	.002	.003	.002	.001	.002	.000	.000	.000	.002	.002	.002	.002	.003	.000	.000	.001	.000	.007	.002	24
29	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	.001	.001	.000	.000	.000	.001	.000	24
30	.000	.000	.000	.000	.000	.000	.000	.000	.006	.034	.010	.002	.000	.000	.000	.000	.000	.000	.000	.000	.004	.014	.000	.000	.034	.002	24
Max	.004	.004	.007	.004	.005	.006	.006	.007	.010	.070	.118	.050	.036	.034	.041	.043	.042	.002	.004	.005	.009	.014	.002	.006	.118		
Avg	.000	.000	.000	.000	.000	.000	.000	.000	.001	.005	.005	.002	.002	.003	.003	.003	.002	.000	.000	.000	.000	.001	.000	.000		.001	
Rds	30	30	30	30	30	30	30	30	30	30	30	29	29	29	30	30	30	30	30	30	30	30	30	30			717

Monthly Parameter Report -SO2 3- Hour Running Averages

04/07

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	24
02	.000	.000	.000	.000	.000	.000	.001	.004	.006	.014	.023	.027	.023	.020	.022	.022	.015	.005	.000	.000	.000	.000	.000	.000	.027	.007	24
03	.000	.000	.000	.000	.000	.002	.004	.004	.003	.004	.008	.008	.006	.004	.017	.030	.042	.028	.014	.000	.000	.000	.000	.000	.042	.007	24
04	.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
05	.000	.000	.000	.001	.003	.004	.002	.001	.001	.001	.001	.000	.000	.000	.000	.000	.001	.002	.003	.003	.004	.004	.003	.002	.004	.001	24
06	.000	.000	.000	.000	.000	.000	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.001	.001	.000	.000	.001	.000	24
07	.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	24
08	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.001	.000	.000	.001	.000	24
09	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000					.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	20
10	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.003	.005	.005	.002	.005	.000	24
11	.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
12	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.000	24
13	.001	.001	.001	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	24
14	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.001	.001	.001	.001	.001	.000	24
15	.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
16	.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
17	.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
18	.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
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	24
20	.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
21	.000	.000	.000	.000	.000	.000	.000	.000	.001	.007	.007	.008	.002	.002	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.008	.001	24
22	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.008	.019	.026	.029	.021	.014	.003	.000	.000	.000	.000	.000	.029	.005	24
23	.000	.000	.000	.000	.000	.000	.000	.000	.001	.025	.064	.079	.068	.034	.018	.012	.007	.007	.002	.000	.000	.001	.001	.002	.079	.013	24
24	.001	.000	.000	.000	.001	.001	.002	.003	.003	.001	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.003	.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	21
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	24
27	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.002	.002	.001	.000	.000	.000	.000	.000	.000	.002	.002	.000	24
28	.003	.004	.005	.005	.005	.003	.003	.002	.002	.002	.002	.001	.001	.000	.000	.000	.001	.002	.002	.002	.001	.001	.000	.000	.005	.001	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	24
30	.000	.000	.000	.000	.000	.000	.000	.000	.002	.013	.016	.015	.004	.000	.000	.000	.000	.000	.000	.000	.001	.006	.006	.004	.016	.002	24
Max	.003	.004	.005	.005	.005	.004	.004	.004	.006	.025	.064	.079	.068	.034	.026	.030	.042	.028	.014	.003	.004	.006	.006	.004	.079		
Avg	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.004	.004	.004	.002	.002	.003	.002	.001	.000	.000	.000	.000	.000	.000		.001	
Rds	30	30	30	30	30	30	30	30	30	30	30	29	28	28	29	29	30	30	30	30	30	30	30	30			713

Daily Parameter Report - Five-Minute SO2 Averages

Logger Name : Belvidere HS
Logger Id : HS
Parameter : SO2
Units : PPM

Date	Time 005M	Minute 00	05	10	15	20	25	30	35	40	45	50	55
04/01/07	00:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	01:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	02:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	03:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	04:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	05:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	06:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	07:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	08:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	09:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	10:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	11:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	12:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	13:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	14:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	15:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	16:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	17:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	18:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	19:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	20:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	21:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/01/07	22:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	C	C	C
04/01/07	23:00	C	C	C	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/02/07	00:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/02/07	01:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/02/07	02:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/02/07	03:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/02/07	04:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/02/07	05:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/02/07	06:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/02/07	07:00	<	<	<	<	<	<	<	<	<	<	<	<
04/02/07	08:00	<	<	<	<	<	<	<	<	<	<	<	<
04/02/07	09:00	<	<	<	<	<	<	<	<	<	<	<	<
04/02/07	10:00	<	<	<	<	<	<	<	<	<	<	<	<

04/02/07 11:00	<	<	<	<	<	<	<	<	<	<	<	<
04/02/07 12:00	<	<	<	<	<	<	<	<	<	<	<	<
04/02/07 13:00	<	<	<	<	<	<	<	<	<	<	<	<
04/02/07 14:00	<	<	<	<	<	<	<	<	<	<	<	<
04/02/07 15:00	<	<	<	<	<	<	<	<	<	<	<	<
04/02/07 16:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/02/07 17:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/02/07 18:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/02/07 19:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/02/07 20:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/02/07 21:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/02/07 22:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	C	C	C
04/02/07 23:00	C	C	C	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/03/07 00:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/03/07 01:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/03/07 02:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/03/07 03:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
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04/03/07 05:00	<	<	<	<	<	<	<	<	<	<	<	<
04/03/07 06:00	<	<	<	<	<	<	<	<	<	<	<	<
04/03/07 07:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/03/07 08:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/03/07 09:00	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010
04/03/07 10:00	<	<	<	<	<	<	<	<	<	<	<	<
04/03/07 11:00	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010
04/03/07 12:00	<	<	<	<	<	<	<	<	<	<	<	<
04/03/07 13:00	<	<	<	<	<	<	<	<	<	<	<	<
04/03/07 14:00	<	<	<	<	<	<	<	<	<	<	<	<
04/03/07 15:00	<	<	<	<	<	<	<	<	<	<	<	<
04/03/07 16:00	<	<	<	<	<	<	<	<	<	<	<	<
04/03/07 17:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/03/07 18:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/03/07 19:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/03/07 20:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/03/07 21:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/03/07 22:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	C	C	C
04/03/07 23:00	C	C	C	.000	.000	.000	.000	.000	.000	.000	.000	.000
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04/04/07 02:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
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04/04/07 06:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 07:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 08:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 09:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 10:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 11:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 12:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 13:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 14:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 15:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 16:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
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04/04/07 18:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 19:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 20:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 21:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/04/07 22:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	C	C	C
04/04/07 23:00	C	C	C	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/05/07 00:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/05/07 01:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/05/07 02:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/05/07 03:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/05/07 04:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/05/07 05:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/05/07 06:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/05/07 07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/05/07 08:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/05/07 09:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/05/07 10:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/05/07 11:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
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04/05/07 16:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/05/07 17:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/05/07 18:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/05/07 19:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/05/07 20:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/05/07 21:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/05/07 22:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	C	C	C
04/05/07 23:00	C	C	C	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/06/07 00:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

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04/06/07 02:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
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04/06/07 04:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/06/07 05:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/06/07 06:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/06/07 07:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/06/07 08:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
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04/06/07 15:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
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04/06/07 17:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/06/07 18:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/06/07 19:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/06/07 20:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/06/07 21:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/06/07 22:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	C	C	C
04/06/07 23:00	C	C	C	.000	.000	.000	.000	.000	.000	.000	.000	.000
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04/07/07 01:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/07/07 02:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
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04/22/07 13:00	.038	.038	.040	.042	.034	.038	.038	.032	.028	.024	.020	.030
04/22/07 14:00	.028	.020	.020	.012	.010	.003	.003	.036	.012	.034	.032	.038
04/22/07 15:00	.034	.064	.038	.060	.064	.028	.038	.034	.018	.000	.000	.000
04/22/07 16:00	.000	.018	.000	.044	.000	.012	.060	.000	.000	.000	.000	.000
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04/23/07 10:00	.080	.132	.130	.132	.196	.120	.080	.050	.140	.140	.100	.120
04/23/07 11:00	.044	.080	.072	.014	.012	.076	.000	.000	.000	.000	.032	.038
04/23/07 12:00	.066	.062	.044	.084	.038	.030	.020	.064	.022	.000	.000	.000
04/23/07 13:00	.010	.050	.064	.010	.022	.040	.030	.000	.000	.000	.000	.000
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04/29/07 09:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/29/07 10:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/29/07 11:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/29/07 12:00	.000	.000	.000	.000	.000	.005	.000	.000	.000	.000	.000	.000
04/29/07 13:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/29/07 14:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

04/29/07 15:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/29/07 16:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	.000
04/29/07 17:00	.000	.001	.004	.002	.000	.000	.000	.000	.000	.003	.007	.006
04/29/07 18:00	.003	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/29/07 19:00	.000	.000	.000	.000	.000	.000	.002	.003	.003	.004	.006	.004
04/29/07 20:00	.005	.001	.002	.000	.000	.000	.001	.000	.002	.000	.000	.001
04/29/07 21:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/29/07 22:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	C	C	C
04/29/07 23:00	C	C	C	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 00:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 01:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 02:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 03:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 04:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 05:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 06:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 07:00	.000	.000	.000	.000	.000	.000	.001	.001	.001	.001	.002	.002
04/30/07 08:00	.003	.003	.003	.005	.005	.008	.010	.010	.007	.007	.007	.006
04/30/07 09:00	.007	.010	.010	.020	.036	.034	.024	.035	.040	.030	.085	.072
04/30/07 10:00	.037	.012	.011	.010	.008	.008	.007	.007	.007	.007	.005	.003
04/30/07 11:00	.002	.002	.002	.003	.003	.003	.003	.002	.001	.001	.000	.000
04/30/07 12:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 13:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 14:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 15:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 16:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 17:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 18:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 19:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
04/30/07 20:00	.000	.000	.000	.000	.000	.000	.000	.002	.004	.006	.021	.028
04/30/07 21:00	.026	.033	.037	.032	.029	.015	.006	.000	.000	.000	.000	.000
04/30/07 22:00	.000	.000	.000	.000	.000	.000	.000	.000	.000	C	C	C
04/30/07 23:00	C	C	C	.000	.000	.000	.000	.000	.000	.000	.000	.000

Max	.196
Min	.000
Mean	.001
Records	8,195

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 Block Averages

04/07

Logger Id : DF
Site Name : Demeter Farm
Parameter : SO2
Units : PPM
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	.003	.003	.003	.003	.002	.002	.002	.002	.002	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	24
02	.002	.002	.007	.024	.007	.006	.005	.004	.005	.005	.005	.006	.006	.005	.005	.005	.004	.004	.005	.005	.004	.003	.003	.002	.024	.005	24
03	.003	.002	.002	.004	.013	.004	.007	.009	.006	.007	.005	.006	.007	.022	.022	.014	.007	.004	.005	.005	.003	.003	.002	.002	.022	.006	24
04	.002	.002	.002	.002	.002	.001	.001	.001	.002	.002	.002	9998	9998	.002	.002	.002	.002	.002	.002	.002	.002	.004	.007	.011	.011	.002	22
05	.004	.008	.010	.008	.008	.010	.005	.006	.005	.006	.007	.003	.004	.004	.005	.011	.018	.010	.008	.007	.007	.005	.005	.006	.018	.007	24
06	.005	.005	.004	.004	.005	.005	.005	.005	.004	.010	.005	.003	.005	.021	.003	.010	.021	.015	.006	.007	.006	.005	.005	.003	.021	.006	24
07	.003	.003	.003	.003	.012	.007	.011	.003	.007	.006	.016	.012	.018	.010	.009	.013	.005	.008	.005	.006	.006	.011	.006	.006	.018	.007	24
08	.008	.005	.005	.004	.003	.003	.003	.006	.009	.006	.006	.005	.005	.005	.010	.004	.009	.007	.006	.007	.004	.004	.003	.021	.021	.006	24
09	.012	.002	.002	.002	.003	.003	.003	.003	.003	.007	.014	.011	.007	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.014	.003	24
10	.003	.002	.003	.003	.003	.003	.008	.015	.003	.006	.005	.003	.010	.005	.003	.002	.003	.003	.003	.003	.003	.002	.002	.003	.015	.004	24
11	.002	.002	.002	.002	.002	.002	.002	.003	.003	.004	.004	.004	.004	.005	.005	.005	.004	.003	.003	.003	.003	.003	.003	.003	.005	.003	24
12	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.007	.009	.004	.008	.008	.005	.009	.003	24
13	.007	.005	.005	.004	.005	.005	.004	.004	.004	.009	.021	.015	.019	.006	.005	.005	.012	.031	.041	.023	.008	.013	.002	.002	.041	.010	24
14	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.003	.004	.006	.006	.006	.006	.006	.005	.006	.003	24
15	.005	.005	.004	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.005	.002	24
16	.002	.002	.002	.002	.001	.002	.002	.002	.001	.004	.013	.005	.009	.021	.019	.004	.002	.001	.001	.001	.002	.002	.002	.002	.021	.004	24
17	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002	.002	.002	.002	.001	24
18	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	9998	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	23
19	.002	.002	.002	.024	.005	.004	.002	.002	.003	.002	.003	.002	.002	.002	.002	.002	.002	.002	.002	.003	.013	.006	.004	.003	.024	.003	24
20	.003	.002	.002	.004	.007	.012	.008	.002	.002	.002	.002	.002	.002	.002	.004	.002	.002	.002	.003	.002	.002	.002	.002	.012	.012	.003	24
21	.010	.002	.002	.010	.003	.016	.021	.002	.002	.009	.004	.006	.006	.002	.002	.003	.002	.002	.002	.002	.002	.037	.002	.002	.037	.006	24
22	.006	.051	.006	.003	.002	.003	.003	.002	.003	.003	.003	.028	.016	.011	.004	.003	.003	.003	.003	.004	.004	.004	.004	.007	.051	.007	24
23	.007	.005	.005	.007	.009	.009	.009	.010	.014	.008	.007	.008	.012	.011	.008	.006	.004	.004	.005	.005	.004	.005	.005	.005	.014	.007	24
24	.007	.005	.005	.011	.013	.010	.010	.021	.026	.002	.002	.003	.007	.001	.001	.002	.002	.002	.004	.002	.002	.002	.002	.002	.026	.006	24
25	.002	.002	.002	.002	.002	.003	.003	.002	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002	.001	.002	.002	.003	.002	24
26	.002	.001	.002	.002	.002	.002	.002	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002	.002	.003	.003	.002	.002	.002	.002	.003	.002	24
27	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.002	.002	.002	.002	.001	.002	.002	.003	.002	.002	.002	.003	.006	.014	.014	.002	24
28	.016	.009	.038	.070	.013	.012	.091	.030	.008	.006	.006	.005	.005	.005	.005	.007	.006	.005	.004	.005	.012	.008	.010	.008	.091	.016	24
29	.004	.002	.002	.015	.002	.002	.003	.014	.005	.002	.001	.002	.001	.001	.001	.001	.002	.002	.003	.009	.009	.009	.002	.002	.015	.003	24
30	.002	.003	.004	.005	.003	.003	.003	.010	.012	.011	.009	.009	.005	.007	.005	.002	.002	.002	.002	.002	.002	.013	.003	.003	.013	.005	24
Max	.016	.051	.038	.070	.013	.016	.091	.030	.026	.011	.021	.028	.019	.022	.022	.014	.021	.031	.041	.023	.013	.037	.010	.021	.091		
Avg	.004	.004	.004	.007	.004	.004	.007	.005	.004	.004	.005	.005	.005	.005	.004	.004	.004	.004	.004	.004	.004	.005	.003	.004		.005	
Rds	30	30	30	30	30	30	30	30	30	30	30	29	28	30	30	30	30	30	30	30	30	30	30	30			717

Monthly Parameter Report -SO2 3- Hour Running Averages

04/07

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	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	24
02	.002	.002	.003	.011	.012	.012	.006	.005	.004	.004	.005	.005	.005	.005	.005	.005	.004	.004	.004	.004	.004	.004	.003	.002	.012	.005	24
03	.002	.002	.002	.002	.006	.007	.008	.006	.007	.007	.006	.006	.006	.011	.017	.019	.014	.008	.005	.004	.004	.003	.002	.002	.019	.006	24
04	.002	.002	.002	.002	.002	.001	.001	.001	.001	.001	.002					.002	.002	.002	.002	.002	.002	.002	.004	.007	.007	.002	20
05	.007	.007	.007	.008	.008	.008	.007	.007	.005	.005	.006	.005	.004	.003	.004	.006	.011	.013	.012	.008	.007	.006	.005	.005	.013	.006	24
06	.005	.005	.004	.004	.004	.004	.005	.005	.004	.006	.006	.006	.004	.009	.009	.011	.011	.015	.014	.009	.006	.006	.005	.004	.015	.006	24
07	.003	.003	.003	.003	.006	.007	.010	.007	.007	.005	.009	.011	.015	.013	.012	.010	.009	.008	.006	.006	.005	.007	.007	.007	.015	.007	24
08	.006	.006	.006	.004	.004	.003	.003	.004	.006	.007	.007	.005	.005	.005	.006	.006	.007	.006	.007	.006	.005	.005	.003	.009	.009	.005	24
09	.012	.011	.005	.002	.002	.002	.003	.003	.003	.004	.008	.010	.010	.006	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.012	.004	24
10	.002	.002	.002	.002	.003	.003	.004	.008	.008	.007	.004	.004	.006	.006	.006	.003	.002	.002	.003	.003	.003	.002	.002	.002	.008	.003	24
11	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.004	.004	.004	.004	.005	.004	.004	.003	.003	.003	.003	.003	.003	.005	.002	24
12	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.006	.006	.007	.006	.007	.007	.003	24
13	.006	.005	.005	.004	.004	.004	.004	.004	.004	.005	.011	.015	.018	.013	.010	.005	.007	.016	.028	.031	.024	.014	.007	.005	.031	.010	24
14	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.004	.005	.006	.006	.006	.005	.006	.002	24
15	.005	.005	.004	.004	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.005	.002	24
16	.002	.002	.002	.002	.001	.001	.001	.002	.001	.002	.006	.007	.009	.011	.016	.014	.008	.002	.001	.001	.001	.001	.002	.002	.016	.004	24
17	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.001	.001	.002	.002	.001	24
18	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002				.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	21
19	.002	.002	.002	.009	.010	.011	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.006	.007	.007	.004	.011	.003	24
20	.003	.002	.002	.002	.004	.007	.009	.007	.004	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.005	.009	.003	24
21	.008	.008	.004	.004	.005	.009	.013	.013	.008	.004	.005	.006	.005	.004	.003	.002	.002	.002	.002	.002	.002	.002	.013	.013	.013	.013	.006	24
22	.003	.019	.021	.020	.003	.002	.002	.002	.002	.002	.003	.011	.015	.018	.010	.006	.003	.003	.003	.003	.003	.004	.004	.005	.021	.006	24
23	.006	.006	.005	.005	.007	.008	.009	.009	.011	.010	.009	.007	.009	.010	.010	.008	.006	.004	.004	.004	.004	.004	.004	.004	.011	.006	24
24	.005	.005	.005	.007	.009	.011	.011	.013	.019	.016	.010	.002	.004	.003	.003	.001	.001	.002	.002	.002	.002	.002	.002	.002	.019	.005	24
25	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.001	.001	.001	.001	.002	.001	24
26	.002	.001	.001	.001	.002	.002	.002	.002	.002	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	24
27	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.002	.002	.001	.001	.001	.002	.002	.002	.002	.002	.003	.007	.007	.001	24
28	.012	.013	.021	.039	.040	.031	.038	.044	.043	.014	.006	.005	.005	.005	.005	.005	.006	.006	.005	.004	.007	.008	.010	.008	.044	.015	24
29	.007	.004	.002	.006	.006	.006	.002	.006	.007	.007	.002	.001	.001	.001	.001	.001	.001	.001	.002	.004	.007	.009	.006	.004	.009	.003	24
30	.002	.002	.003	.004	.004	.003	.003	.005	.008	.011	.010	.009	.007	.007	.005	.004	.003	.002	.002	.002	.002	.005	.006	.006	.011	.004	24
Max	.012	.019	.021	.039	.040	.031	.038	.044	.043	.016	.011	.015	.018	.018	.017	.019	.014	.016	.028	.031	.024	.014	.013	.013	.044		
Avg	.004	.004	.004	.005	.005	.005	.005	.005	.005	.004	.004	.004	.005	.005	.005	.004	.004	.004	.004	.004	.004	.004	.004	.004		.004	
Rds	30	30	30	30	30	30	30	30	30	30	30	29	28	28	28	30	30	30	30	30	30	30	30	30			713

Daily Parameter Report - Five-Minute SO2 Averages

Logger Name : Demeter Farm
Logger Id : DF
Parameter : SO2
Units : PPM

Date	Time 005M	Minute 00	05	10	15	20	25	30	35	40	45	50	55
04/01/07	00:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/01/07	01:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/01/07	02:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/01/07	03:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/01/07	04:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/01/07	05:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/01/07	06:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/01/07	07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/01/07	08:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/01/07	23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/02/07 14:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
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04/02/07 19:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
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04/02/07 21:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/02/07 22:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	C	C	C
04/02/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/03/07 00:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
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04/03/07 03:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
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04/03/07 05:00	.010	.008	.004	.002	.002	.002	.002	.002	.002	.002	.008	.008
04/03/07 06:00	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007
04/03/07 07:00	.004	.006	.006	.018	.008	.006	.006	.010	.024	.012	.006	.004
04/03/07 08:00		.002	.002	.002	.002	.002	.002	.002	.010	.018	.016	.012
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04/03/07 11:00	.008	.008	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
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04/03/07 13:00	.008	.008	.010	.016	.016	.018	.020	.026	.036	.040	.030	.030
04/03/07 14:00	.030	.036	.036	.030	.022	.020	.016	.016	.012	.012	.012	.020
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04/03/07 16:00	.008	.008	.008	.008	.008	.006	.006	.006	.006	.006	.004	.004
04/03/07 17:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/03/07 18:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/03/07 19:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/03/07 20:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/03/07 21:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/03/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
04/03/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/04/07 00:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/04/07 01:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/04/07 03:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/04/07 04:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/04/07 05:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001

04/04/07 06:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/04/07 07:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
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04/04/07 09:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/04/07 10:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/04/07 11:00	<	<	<	<	<	<	<	<	<	<	<	<
04/04/07 12:00	<	<	<	<	<	<	<	<	<	<	<	<
04/04/07 13:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/04/07 17:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/04/07 18:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/04/07 19:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/04/07 20:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/04/07 21:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/04/07 22:00	.004	.004	.006	.006	.008	.008	.008	.010	.010	C	C	C
04/04/07 23:00	C	C	C	.004	.004	.010	.010	.010	.012	.012	.012	.012
04/05/07 00:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
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04/05/07 02:00	.020	.016	.010	.008	.008	.008	.008	.008	.008	.008	.008	.008
04/05/07 03:00	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008
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04/05/07 05:00	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010	.010
04/05/07 06:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
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04/05/07 08:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/05/07 09:00	.005	.016	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/05/07 10:00	.005	.016	.005	.005	.005	.005	.005	.016	.010	.005	.005	.005
04/05/07 11:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/05/07 12:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/05/07 13:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/05/07 14:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/05/07 15:00	.004	.012	.044	.038	.008	.004	.004	.004	.004	.004	.004	.004
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04/05/07 17:00	.002	.002	.002	.002	.030	.020	.040	.012	.008	.002	.002	.002
04/05/07 18:00	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008
04/05/07 19:00	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007
04/05/07 20:00	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007
04/05/07 21:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/05/07 22:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	C	C	C
04/05/07 23:00	C	C	C	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/06/07 00:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/06/07 01:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005

04/06/07 02:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/06/07 03:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
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04/06/07 07:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
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04/06/07 09:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.036	.038	.008
04/06/07 10:00	.008	.010	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/06/07 11:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/06/07 12:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.006	.003	.028
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04/06/07 15:00	.003	.003	.003	.003	.003	.003	.040	.036	.018	.006	.003	.003
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04/06/07 19:00	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007
04/06/07 20:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/06/07 21:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/06/07 22:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	C	C	C
04/06/07 23:00	C	C	C	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/07/07 00:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/07/07 01:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/07/07 02:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/07/07 03:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/07/07 04:00	.003	.003	.012	.018	.020	.026	.022	.018	.010	.008	.003	.003
04/07/07 05:00	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007
04/07/07 06:00	.020	.020	.020	.018	.012	.010	.010	.004	.003	.003	.003	.003
04/07/07 07:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/07/07 08:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.018	.020	.018
04/07/07 09:00	.012	.018	.008	.003	.003	.003	.003	.003	.003	.003	.010	.003
04/07/07 10:00	.003	.003	.003	.010	.010	.038	.044	.038	.022	.010	.006	.004
04/07/07 11:00	.010	.022	.036	.020	.010	.004	.010	.008	.004	.004	.012	.008
04/07/07 12:00	.020	.016	.008	.010	.018	.026	.030	.010	.020	.018	.012	.032
04/07/07 13:00	.005	.005	.005	.005	.005	.005	.012	.038	.012	.005	.005	.022
04/07/07 14:00	.018	.010	.010	.003	.018	.012	.003	.003	.003	.012	.008	.003
04/07/07 15:00	.010	.012	.008	.038	.028	.012	.010	.006	.003	.028	.003	.003
04/07/07 16:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.012	.018
04/07/07 17:00	.012	.010	.003	.003	.003	.003	.003	.003	.034	.018	.003	.003
04/07/07 18:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/07/07 19:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/07/07 20:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/07/07 21:00	.018	.018	.012	.008	.016	.010	.006	.010	.010	.006	.006	.006

04/07/07 22:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	C	C	C
04/07/07 23:00	C	C	C	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/08/07 00:00	.005	.005	.005	.005	.008	.012	.010	.010	.008	.008	.008	.006
04/08/07 01:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/08/07 02:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/08/07 03:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/08/07 04:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/08/07 05:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/08/07 06:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/08/07 07:00	.003	.003	.024	.010	.008	.004	.004	.004	.004	.004	.004	.004
04/08/07 08:00	.004	.004	.030	.032	.010	.008	.004	.004	.004	.004	.004	.004
04/08/07 09:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/08/07 10:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/08/07 11:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/08/07 12:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/08/07 13:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/08/07 14:00	.005	.005	.005	.005	.005	.018	.040	.018	.005	.005	.005	.005
04/08/07 15:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/08/07 16:00	.020	.012	.008	.004	.004	.004	.004	.004	.018	.010	.012	.010
04/08/07 17:00	.008	.004	.004	.030	.003	.003	.003	.003	.018	.003	.003	.003
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04/08/07 19:00	.008	.008	.010	.010	.008	.006	.006	.006	.004	.004	.004	.004
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04/08/07 21:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/08/07 22:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	C	C	C
04/08/07 23:00	C	C	C	.003	.003	.003	.008	.010	.032	.038	.036	.038
04/09/07 00:00	.018	.018	.012	.020	.026	.012	.010	.008	.004	.004	.003	.003
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04/09/07 02:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/09/07 03:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/09/07 04:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/09/07 05:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/09/07 06:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/09/07 07:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/09/07 08:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/09/07 09:00	.008	.004	.003	.003	.010	.018	.012	.003	.003	.012	.010	.003
04/09/07 10:00	.018	.003	.003	.018	.004	.004	.026	.040	.016	.018	.010	.003
04/09/07 11:00	.003	.008	.010	.003	.030	.026	.018	.003	.018	.010	.002	.002
04/09/07 12:00	.018	.012	.010	.010	.006	.008	.002	.002	.002	.010		.002
04/09/07 13:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/09/07 14:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/09/07 16:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/09/07 18:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/09/07 19:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/09/07 20:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/09/07 21:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/09/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
04/09/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/10/07 00:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/10/07 01:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/10/07 02:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/10/07 03:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/10/07 04:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/10/07 05:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/10/07 06:00	.003	.003	.003	.003	.003	.003	.018	.012	.018	.010	.010	.010
04/10/07 07:00	.010	.018	.006	.006	.028	.024	.012	.010	.022	.034	.008	.003
04/10/07 08:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/10/07 09:00	.003	.003	.003	.003	.003	.003	.003	.003	.026	.012	.003	.003
04/10/07 10:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.022	.012	.003
04/10/07 11:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/10/07 12:00	.003	.003	.042	.003	.003	.003	.008	.010	.022	.018	.003	.003
04/10/07 13:00	.003	.003	.003	.003	.003	.032	.003	.003	.003	.003	.003	.003
04/10/07 14:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/10/07 15:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/10/07 16:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/10/07 17:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/10/07 18:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/10/07 19:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/10/07 20:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/10/07 21:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/10/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
04/10/07 23:00	C	C	C	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/11/07 00:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/11/07 01:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/11/07 02:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/11/07 03:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/11/07 05:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/11/07 06:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/11/07 07:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/11/07 08:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
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04/11/07 10:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/11/07 11:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004

04/11/07 12:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
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04/11/07 14:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/11/07 15:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/11/07 16:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/11/07 17:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/11/07 18:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/11/07 19:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/11/07 20:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/11/07 21:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/11/07 22:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	C	C	C
04/11/07 23:00	C	C	C	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/12/07 00:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/12/07 01:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/12/07 02:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/12/07 03:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/12/07 04:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/12/07 05:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
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04/12/07 08:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/12/07 09:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/12/07 10:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/12/07 11:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/12/07 12:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/12/07 13:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/12/07 14:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/12/07 15:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/12/07 16:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/12/07 17:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/12/07 18:00	.002	.002	.002	.006	.009	.009	.009	.009	.009	.009	.009	.009
04/12/07 19:00	.009	.009	.009	.009	.009	.009	.009	.009	.009	.009	.009	.009
04/12/07 20:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/12/07 21:00	.010	.028	.010	.006	.006	.006	.004	.004	.004	.004	.004	.004
04/12/07 22:00	.008	.008	.008	.008	.008	.008	.008	.008	.008	C	C	C
04/12/07 23:00	C	C	C	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/13/07 00:00	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007
04/13/07 01:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/13/07 02:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/13/07 03:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/13/07 04:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/13/07 05:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/13/07 06:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/13/07 07:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004

04/13/07 08:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/13/07 09:00	.004	.004	.004	.004	.004	.004	.004	.004	.020	.018	.032	.010
04/13/07 10:00	.030	.050	.080	.048	.010	.008	.004	.004	.004	.004	.004	.004
04/13/07 11:00	.004	.008	.010	.008	.018	.012	.004	.038	.020	.008	.028	.020
04/13/07 12:00	.032	.012	.008	.038	.034	.008	.008	.008	.040	.018	.012	.008
04/13/07 13:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.012	.010	.005
04/13/07 14:00	.006	.018	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/13/07 15:00	.004	.004	.004	.004	.008	.012	.008	.004	.004	.004	.004	.004
04/13/07 16:00	.008	.008	.016	.026	.018	.012	.006	.004	.004	.012	.022	.004
04/13/07 17:00	.016	.012	.014	.018	.038	.042	.040	.042	.038	.036	.034	.036
04/13/07 18:00	.062	.040	.040	.036	.032	.040	.040	.040	.040	.040	.040	.046
04/13/07 19:00	.042	.044	.044	.038	.042	.038	.004	.004	.004	.012	.004	.004
04/13/07 20:00	.016	.003	.003	.003	.003	.003	.003	.016	.012	.010	.010	.012
04/13/07 21:00	.032	.038	.018	.012	.006	.006	.006	.018	.012	.004	.003	.003
04/13/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
04/13/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/14/07 00:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/14/07 01:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/14/07 02:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/14/07 03:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/14/07 04:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/14/07 05:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/14/07 06:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/14/07 07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/14/07 08:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/14/07 09:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/14/07 10:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/14/07 11:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/14/07 12:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/14/07 14:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/14/07 15:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/14/07 16:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/14/07 17:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/14/07 18:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/14/07 19:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/14/07 20:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/14/07 21:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/14/07 22:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	C	C	C
04/14/07 23:00	C	C	C	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/15/07 00:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/15/07 01:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/15/07 02:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/15/07 03:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003

04/15/07 04:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/15/07 05:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 06:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 08:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 09:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 10:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 11:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 12:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 13:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 14:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 15:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 16:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 17:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 18:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 19:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 20:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 21:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/15/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
04/15/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002

04/16/07 00:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/16/07 04:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/16/07 05:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/16/07 06:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/16/07 07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/16/07 08:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/16/07 09:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/16/07 10:00	.016	.018	.036	.038	.012	.008	.006	.004	.004	.003	.012	.003
04/16/07 11:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/16/07 12:00	.016	.018	.012	.010	.010	.010	.010	.004	.010	.004	.004	.004
04/16/07 13:00	.004	.080	.008	.008	.028	.018	.016	.028	.018	.022	.012	.014
04/16/07 14:00	.018	.022	.026	.010	.020	.002	.002	.028	.028	.026	.022	.020
04/16/07 15:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
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04/16/07 17:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/16/07 18:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/16/07 19:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/16/07 20:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/16/07 21:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/16/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
04/16/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002

04/17/07 00:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/17/07 02:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/17/07 05:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/17/07 06:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/17/07 07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/17/07 08:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/17/07 09:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/17/07 10:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/17/07 12:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/17/07 13:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/17/07 16:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/17/07 18:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/17/07 19:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/17/07 20:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/17/07 21:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/17/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
04/17/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 00:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 01:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 02:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 03:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 04:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 05:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 06:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 08:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 09:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 10:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 11:00	<	<	<	<	<	<	<	<	<	<	<	<
04/18/07 12:00	<	<	<	<	<	<	<	<	<	<	<	<
04/18/07 13:00	<	<	<	<	<	<	<	<	<	<	<	<
04/18/07 14:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 15:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 16:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 17:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 18:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 19:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002

04/18/07 20:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 21:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/18/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
04/18/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/19/07 00:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/19/07 01:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/19/07 02:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/19/07 03:00	.002	.002	.002	.012	.022	.056	.072	.046	.036	.018	.012	.012
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04/19/07 07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/19/07 08:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
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04/19/07 10:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/19/07 11:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/19/07 12:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
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04/19/07 16:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/19/07 17:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/19/07 18:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/19/07 19:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/19/07 20:00	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013	.013
04/19/07 21:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/19/07 22:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	C	C	C
04/19/07 23:00	C	C	C	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/20/07 00:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/20/07 01:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 02:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 03:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/20/07 04:00	.004	.004	.004	.004	.004	.004	.006	.008	.010	.010	.010	.010
04/20/07 05:00	.008	.006	.004	.002	.002	.002	.002	.002	.020	.032	.036	.030
04/20/07 06:00	.022	.020	.018	.012	.008	.002	.002	.002	.002	.002	.002	.002
04/20/07 07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 08:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 09:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 10:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 11:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 12:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 13:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002

04/20/07 14:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/20/07 15:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 16:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 17:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 18:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/20/07 19:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 20:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 21:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/20/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
04/20/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.020	.038	.036
04/21/07 00:00	.030	.032	.022	.014	.010	.004	.002	.002	.002	.002	.002	.002
04/21/07 01:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/21/07 02:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/21/07 03:00	.008	.008	.010	.010	.008	.010	.012	.016	.010	.010	.010	.006
04/21/07 04:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/21/07 05:00	.003	.003	.003	.003	.003	.003	.003	.046	.040	.032	.034	.024
04/21/07 06:00	.040	.050	.050	.032	.020	.018	.012	.018	.006	.002	.002	.002
04/21/07 07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/21/07 08:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/21/07 09:00	.002	.002	.002	.010	.016	.020	.016	.016	.008	.008	.002	.002
04/21/07 10:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/21/07 11:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/21/07 12:00	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006	.006
04/21/07 13:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/21/07 14:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/21/07 15:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/21/07 16:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/21/07 17:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/21/07 18:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/21/07 19:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/21/07 20:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/21/07 21:00	.006	.022	.026	.080	.076	.100	.072	.038	.020	.002	.002	.002
04/21/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
04/21/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/22/07 00:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.010	.018	.020
04/22/07 01:00	.034	.040	.042	.068	.104	.090	.070	.058	.040	.030	.020	.020
04/22/07 02:00	.020	.018	.010	.006	.004	.004	.002	.002	.002	.002	.002	.002
04/22/07 03:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/22/07 04:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/22/07 05:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/22/07 06:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/22/07 07:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/22/07 08:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/22/07 09:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003

04/22/07 10:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/22/07 11:00	.003	.003	.003	.024	.040	.042	.040	.060	.020	.040	.038	.028
04/22/07 12:00	.036	.032	.028	.022	.018	.016	.012	.010	.008	.003	.003	.003
04/22/07 13:00	.006	.010	.012	.018	.018	.018	.012	.010	.008	.006	.004	.004
04/22/07 14:00	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/22/07 15:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/22/07 16:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/22/07 17:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/22/07 18:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/22/07 19:00	.003	.004	.004	.004	.004	.004	.004	.004	.004	.003	.004	.004
04/22/07 20:00	.005	.005	.005	.005	.004	.004	.004	.003	.004	.004	.004	.004
04/22/07 21:00	.005	.004	.005	.004	.004	.004	.004	.004	.004	.004	.004	.004
04/22/07 22:00	.004	.005	.005	.004	.004	.004	.005	.004	.004	C	C	C
04/22/07 23:00	C	C	C	.006	.006	.007	.006	.007	.007	.007	.007	.007
04/23/07 00:00	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.006
04/23/07 01:00	.006	.006	.006	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/23/07 02:00	.005	.005	.005	.005	.005	.005	.005	.005	.006	.006	.006	.006
04/23/07 03:00	.006	.006	.007	.006	.007	.007	.007	.007	.007	.007	.008	.008
04/23/07 04:00	.008	.008	.009	.009	.009	.009	.010	.009	.009	.009	.010	.009
04/23/07 05:00	.009	.009	.009	.008	.009	.009	.009	.009	.009	.009	.009	.009
04/23/07 06:00	.009	.008	.008	.009	.009	.009	.009	.010	.010	.010	.010	.010
04/23/07 07:00	.010	.010	.009	.009	.010	.009	.010	.011	.012	.011	.011	.012
04/23/07 08:00	.011	.011	.014	.012	.018	.014	.017	.015	.014	.012	.011	.012
04/23/07 09:00	.011	.010	.009	.009	.009	.009	.007	.007	.008	.007	.007	.007
04/23/07 10:00	.007	.007	.007	.007	.007	.007	.008	.007	.007	.007	.007	.007
04/23/07 11:00	.007	.007	.008	.007	.008	.007	.008	.008	.009	.009	.010	.011

04/23/07 12:00	.011	.012	.013	.014	.012	.011	.012	.012	.011	.012	.011	.011
04/23/07 13:00	.011	.012	.013	.013	.011	.011	.009	.009	.009	.009	.009	.010
04/23/07 14:00	.008	.008	.011	.008	.007	.009	.008	.007	.006	.006	.007	.007
04/23/07 15:00	.007	.007	.007	.007	.005	.005	.005	.005	.005	.005	.005	.005
04/23/07 16:00	.005	.005	.005	.005	.004	.004	.004	.004	.003	.003	.004	.005
04/23/07 17:00	.005	.005	.005	.005	.004	.004	.004	.004	.005	.004	.005	.005
04/23/07 18:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.004	.005	.005
04/23/07 19:00	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/23/07 20:00	.005	.005	.005	.004	.005	.004	.004	.004	.003	.003	.004	.004
04/23/07 21:00	.004	.004	.004	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/23/07 22:00	.005	.004	.005	.004	.005	.004	.005	.005	.005	C	C	C
04/23/07 23:00	C	C	C	.005	.005	.005	.005	.005	.005	.005	.005	.005
04/24/07 00:00	.005	.004	.005	.008	.010	.009	.016	.008	.006	.006	.005	.005
04/24/07 01:00	.005	.006	.005	.005	.005	.004	.004	.004	.005	.005	.005	.005
04/24/07 02:00	.005	.005	.005	.005	.005	.006	.006	.006	.006	.006	.006	.006
04/24/07 03:00	.006	.006	.006	.008	.011	.013	.012	.012	.016	.015	.013	.014
04/24/07 04:00	.014	.012	.015	.015	.013	.013	.013	.012	.012	.012	.012	.011
04/24/07 05:00	.011	.011	.011	.011	.011	.011	.010	.008	.009	.009	.009	.009

04/24/07 06:00	.009	.009	.010	.010	.010	.010	.011	.011	.012	.011	.011	.011
04/24/07 07:00	.010	.010	.010	.010	.010	.011	.010	.009	.009	.019	.053	.097
04/24/07 08:00	.090	.068	.094	.027	.011	.005	.003	.002	.002	.002	.002	.002
04/24/07 09:00	.002	.002	.002	.002	.002	.002	.001	.002	.001	.002	.001	.001
04/24/07 10:00	.001	.002	.001	.001	.001	.002	.002	.002	.001	.002	.002	.001
04/24/07 11:00	.002	.002	.001	.002	.002	.002	.002	.002	.001	.002	.015	.002
04/24/07 12:00	.002	.002	.006	.001	.035	.006	.004	.002	.024	.003	.002	.001
04/24/07 13:00	.001	.002	.002	.002	.001	.001	.001	.001	.001	.002	.001	.001
04/24/07 14:00	.002	.002	.001	.001	.001	.001	.001	.001	.002	.001	.001	.001
04/24/07 15:00	.001	.001	.002	.002	.001	.002	.001	.002	.002	.002	.001	.002
04/24/07 16:00	.001	.002	.001	.001	.002	.002	.002	.002	.002	.001	.001	.001
04/24/07 17:00	.001	.002	.002	.002	.002	.003	.004	.003	.002	.002	.002	.002
04/24/07 18:00	.002	.002	.006	.008	.010	.011	.005	.003	.002	.002	.002	.002
04/24/07 19:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002	.001
04/24/07 20:00	.002	.002	.002	.001	.001	.001	.001	.002	.002	.002	.002	.002
04/24/07 21:00	.002	.003	.002	.002	.003	.003	.002	.003	.002	.002	.002	.002
04/24/07 22:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	C	C	C
04/24/07 23:00	C	C	C	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/25/07 00:00	.002	.002	.002	.002	.001	.002	.002	.002	.002	.002	.002	.002
04/25/07 01:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/25/07 02:00	.002	.002	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/25/07 03:00	.002	.001	.001	.002	.002	.002	.002	.002	.001	.002	.002	.002
04/25/07 04:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002
04/25/07 05:00	.002	.003	.002	.002	.002	.002	.002	.002	.004	.006	.005	.003
04/25/07 06:00	.003	.003	.005	.005	.004	.003	.002	.002	.002	.002	.002	.001
04/25/07 07:00	.002	.001	.002	.002	.002	.003	.002	.003	.002	.003	.003	.003
04/25/07 08:00	.003	.003	.003	.003	.003	.003	.003	.004	.002	.002	.003	.002
04/25/07 09:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/25/07 10:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002
04/25/07 11:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002
04/25/07 12:00	.002	.002	.002	.001	.002	.002	.002	.001	.002	.002	.002	.002
04/25/07 13:00	.002	.002	.002	.002	.002	.002	.003	.003	.002	.003	.003	.003
04/25/07 14:00	.004	.005	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/25/07 15:00	.002	.002	.002	.001	.002	.002	.002	.001	.002	.002	.002	.002
04/25/07 16:00	.002	.002	.002	.001	.002	.002	.002	.002	.002	.002	.001	.002
04/25/07 17:00	.002	.002	.002	.002	.002	.002	.002	.002	.001	.002	.002	.001
04/25/07 18:00	.001	.002	.001	.002	.002	.001	.002	.002	.002	.001	.001	.002
04/25/07 19:00	.002	.001	.002	.001	.002	.001	.001	.001	.001	.001	.001	.002
04/25/07 20:00	.001	.001	.002	.002	.002	.002	.001	.001	.002	.002	.001	.001
04/25/07 21:00	.001	.002	.001	.001	.002	.001	.002	.002	.002	.001	.001	.001
04/25/07 22:00	.002	.002	.002	.002	.001	.001	.002	.001	.002	C	C	C
04/25/07 23:00	C	C	C	.002	.002	.002	.002	.002	.001	.001	.001	.002
04/26/07 00:00	.001	.001	.002	.001	.002	.002	.002	.002	.001	.002	.002	.001
04/26/07 01:00	.002	.002	.002	.002	.002	.001	.002	.002	.001	.001	.001	.001

04/26/07 02:00	.001	.001	.001	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/26/07 03:00	.003	.002	.001	.002	.002	.002	.001	.002	.002	.002	.002	.002
04/26/07 04:00	.002	.002	.001	.002	.002	.001	.002	.002	.002	.002	.003	.002
04/26/07 05:00	.003	.002	.002	.002	.002	.003	.002	.002	.003	.002	.003	.002
04/26/07 06:00	.002	.002	.002	.002	.002	.002	.003	.003	.003	.002	.003	.003
04/26/07 07:00	.002	.003	.002	.002	.002	.003	.003	.003	.003	.003	.003	.003
04/26/07 08:00	.003	.003	.003	.002	.003	.003	.003	.003	.003	.003	.003	.003
04/26/07 09:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/26/07 10:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/26/07 11:00	.003	.003	.003	.003	.003	.003	.003	.004	.003	.003	.003	.003
04/26/07 12:00	.003	.003	.003	.003	.003	.002	.003	.003	.002	.002	.002	.002
04/26/07 13:00	.002	.002	.003	.003	.003	.001	.002	.002	.002	.002	.002	.002
04/26/07 14:00	.002	.002	.002	.002	.002	.001	.001	.002	.001	.002	.001	.002
04/26/07 15:00	.002	.001	.002	.002	.001	.001	.001	.002	.001	.002	.002	.002
04/26/07 16:00	.001	.001	.002	.002	.001	.002	.002	.001	.003	.002	.002	.002
04/26/07 17:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/26/07 18:00	.002	.002	.002	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/26/07 19:00	.004	.003	.004	.004	.003	.003	.003	.003	.003	.003	.003	.003
04/26/07 20:00	.002	.002	.002	.002	.002	.002	.002	.001	.002	.002	.001	.002
04/26/07 21:00	.002	.002	.002	.001	.002	.002	.002	.002	.001	.002	.001	.001
04/26/07 22:00	.002	.002	.002	.002	.002	.002	.001	.002	.002	C	C	C
04/26/07 23:00	C	C	C	.002	.002	.001	.002	.001	.001	.002	.001	.001
04/27/07 00:00	.001	.002	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/27/07 01:00	.001	.002	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001
04/27/07 02:00	.001	.001	.001	.001	.001	.002	.001	.002	.001	.002	.001	.001
04/27/07 03:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.002	.001	.002
04/27/07 04:00	.001	.001	.002	.001	.001	.002	.001	.002	.001	.001	.001	.001
04/27/07 05:00	.001	.001	.001	.001	.002	.001	.001	.001	.001	.001	.001	.001
04/27/07 06:00	.001	.002	.001	.001	.002	.001	.001	.001	.001	.002	.001	.001
04/27/07 07:00	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.002	.002
04/27/07 08:00	.001	.002	.001	.001	.001	.001	.001	.001	.002	.001	.002	.001
04/27/07 09:00	.001	.001	.001	.001	.001	.002	.001	.002	.002	.002	.001	.001
04/27/07 10:00	.002	.002	.002	.002	.001	.002	.001	.002	.002	.002	.002	.002
04/27/07 11:00	.002	.002	.002	.001	.001	.001	.002	.002	.001	.001	.001	.002
04/27/07 12:00	.002	.001	.002	.002	.002	.002	.002	.001	.002	.002	.002	.001
04/27/07 13:00	.001	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.001
04/27/07 14:00	.002	.002	.001	.002	.001	.002	.002	.001	.001	.002	.001	.001
04/27/07 15:00	.002	.002	.002	.001	.002	.002	.002	.002	.002	.002	.002	.002
04/27/07 16:00	.001	.002	.002	.002	.002	.002	.003	.003	.003	.003	.003	.003
04/27/07 17:00	.003	.003	.003	.003	.003	.003	.003	.002	.002	.003	.003	.002
04/27/07 18:00	.002	.002	.002	.002	.002	.002	.002	.002	.001	.001	.002	.002
04/27/07 19:00	.002	.002	.001	.001	.002	.002	.002	.002	.001	.002	.002	.002
04/27/07 20:00	.002	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/27/07 21:00	.002	.003	.002	.003	.003	.003	.003	.003	.003	.004	.004	.005

04/27/07 22:00	.006	.006	.007	.007	.007	.005	.004	.005	.008	C	C	C
04/27/07 23:00	C	C	C	.012	.012	.012	.014	.014	.015	.017	.017	.018
04/28/07 00:00	.019	.018	.019	.019	.018	.017	.016	.014	.015	.014	.013	.014
04/28/07 01:00	.013	.011	.010	.009	.008	.009	.009	.009	.009	.009	.009	.009
04/28/07 02:00	.013	.020	.021	.017	.015	.013	.010	.008	.009	.026	.111	.193
04/28/07 03:00	.246	.250	.096	.023	.017	.036	.055	.044	.044	.012	.008	.007
04/28/07 04:00	.012	.036	.034	.008	.006	.006	.008	.010	.009	.010	.010	.011
04/28/07 05:00	.012	.010	.010	.010	.011	.011	.012	.012	.012	.011	.011	.017
04/28/07 06:00	.092	.193	.214	.116	.063	.067	.039	.043	.078	.082	.054	.059
04/28/07 07:00	.044	.046	.070	.077	.065	.008	.008	.008	.009	.009	.008	.008
04/28/07 08:00	.007	.007	.007	.008	.008	.008	.007	.008	.010	.009	.009	.008
04/28/07 09:00	.008	.008	.008	.007	.007	.005	.005	.005	.005	.005	.005	.005
04/28/07 10:00	.005	.005	.005	.005	.005	.006	.005	.005	.005	.006	.006	.006
04/28/07 11:00	.005	.006	.005	.005	.006	.005	.005	.004	.004	.004	.003	.005
04/28/07 12:00	.005	.004	.004	.004	.004	.005	.006	.006	.004	.003	.006	.005
04/28/07 13:00	.004	.004	.005	.005	.005	.005	.004	.005	.005	.005	.005	.005
04/28/07 14:00	.004	.004	.004	.003	.004	.004	.004	.006	.008	.007	.007	.007
04/28/07 15:00	.007	.007	.007	.007	.007	.007	.007	.007	.007	.007	.006	.007
04/28/07 16:00	.006	.006	.007	.007	.007	.007	.007	.006	.006	.006	.006	.006
04/28/07 17:00	.006	.006	.005	.005	.005	.005	.005	.006	.005	.005	.005	.005
04/28/07 18:00	.005	.005	.005	.005	.005	.005	.004	.003	.004	.003	.004	.003
04/28/07 19:00	.004	.004	.003	.003	.004	.005	.005	.006	.006	.007	.007	.010
04/28/07 20:00	.013	.011	.013	.014	.012	.013	.012	.011	.012	.014	.010	.009
04/28/07 21:00	.007	.006	.005	.006	.006	.007	.009	.009	.009	.011	.011	.012
04/28/07 22:00	.010	.010	.010	.009	.009	.010	.009	.009	.010	C	C	C
04/28/07 23:00	C	C	C	.008	.008	.009	.008	.008	.007	.007	.007	.006
04/29/07 00:00	.006	.005	.005	.005	.005	.005	.005	.004	.004	.003	.003	.003
04/29/07 01:00	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002
04/29/07 02:00	.002	.002	.002	.002	.002	.002	.002	.002	.001	.001	.003	.004
04/29/07 03:00	.008	.015	.012	.016	.023	.017	.017	.021	.020	.017	.009	.005
04/29/07 04:00	.004	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/29/07 05:00	.003	.002	.002	.002	.003	.002	.003	.003	.003	.003	.003	.003
04/29/07 06:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.004	.004
04/29/07 07:00	.005	.013	.018	.026	.018	.010	.008	.015	.011	.011	.017	.010
04/29/07 08:00	.013	.011	.005	.003	.003	.003	.002	.002	.002	.002	.008	.010
04/29/07 09:00	.003	.004	.003	.002	.002	.001	.002	.002	.002	.001	.002	.002
04/29/07 10:00	.002	.001	.002	.001	.001	.001	.001	.002	.001	.002	.002	.001
04/29/07 11:00	.002	.001	.001	.002	.002	.001	.002	.001	.001	.002	.001	.002
04/29/07 12:00	.002	.001	.001	.001	.001	.001	.002	.001	.001	.001	.001	.002
04/29/07 13:00	.001	.001	.001	.002	.002	.001	.001	.001	.001	.001	.001	.001
04/29/07 14:00	.001	.001	.001	.001	.001	.001	.002	.001	.001	.001	.001	.001
04/29/07 15:00	.001	.001	.002	.002	.002	.002	.002	.001	.001	.001	.001	.001

04/29/07 16:00	.001	.001	.001	.001	.002	.002	.002	.002	.002	.002	.002	.002
04/29/07 17:00	.002	.002	.002	.003	.003	.002	.001	.001	.001	.001	.001	.002
04/29/07 18:00	.003	.005	.005	.004	.003	.003	.003	.003	.002	.002	.001	.002
04/29/07 19:00	.002	.002	.002	.001	.003	.006	.008	.012	.019	.017	.017	.016
04/29/07 20:00	.013	.011	.010	.008	.007	.008	.013	.010	.007	.006	.004	.005
04/29/07 21:00	.008	.018	.026	.022	.011	.005	.002	.002	.002	.002	.002	.002
04/29/07 22:00	.002	.002	.002	.002	.002	.003	.003	.003	.003	C	C	C
04/29/07 23:00	C	C	C	.002	.003	.003	.002	.002	.002	.002	.002	.002
04/30/07 00:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003
04/30/07 01:00	.003	.002	.002	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/30/07 02:00	.003	.003	.003	.003	.003	.003	.003	.004	.004	.005	.006	.006
04/30/07 03:00	.006	.005	.006	.006	.005	.005	.004	.004	.004	.003	.003	.003
04/30/07 04:00	.003	.003	.003	.003	.003	.003	.003	.002	.003	.003	.003	.003
04/30/07 05:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003
04/30/07 06:00	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.005
04/30/07 07:00	.008	.009	.009	.010	.012	.013	.012	.011	.010	.010	.010	.011
04/30/07 08:00	.011	.010	.009	.010	.010	.011	.012	.013	.013	.014	.013	.014
04/30/07 09:00	.014	.014	.013	.012	.011	.011	.011	.010	.010	.009	.009	.009
04/30/07 10:00	.009	.009	.009	.009	.009	.009	.009	.009	.009	.009	.008	.014
04/30/07 11:00	.008	.028	.011	.008	.008	.008	.007	.007	.009	.007	.005	.005
04/30/07 12:00	.004	.004	.008	.007	.004	.003	.004	.003	.003	.003	.003	.007
04/30/07 13:00	.033	.011	.004	.004	.015	.006	.001	.001	.002	.002	.002	.003
04/30/07 14:00	.002	.002	.008	.010	.005	.002	.002	.001	.001	.024	.005	.002
04/30/07 15:00	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/30/07 16:00	.002	.002	.001	.002	.001	.002	.002	.001	.002	.002	.001	.002
04/30/07 17:00	.001	.001	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001
04/30/07 18:00	.001	.002	.002	.002	.002	.002	.001	.001	.002	.002	.001	.001
04/30/07 19:00	.001	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002
04/30/07 20:00	.002	.001	.001	.002	.002	.001	.002	.002	.002	.002	.003	.007
04/30/07 21:00	.010	.011	.013	.018	.025	.024	.020	.012	.006	.005	.003	.003
04/30/07 22:00	.003	.003	.003	.003	.002	.003	.002	.003	.003	C	C	C
04/30/07 23:00	C	C	C	.003	.002	.003	.003	.003	.003	.003	.004	.003

Max	.250
Min	.001
Mean	.005
Records	8,398

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.

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

04/07

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	3.1	2.2	2.0	1.5	1.5	1.3	1.7	1.4	2.3	2.2	3.6	4.3	5.8	6.0	3.8	3.7	3.7	3.4	2.7	1.6	2.3	1.8	1.9	2.6	6.0	2.7	24
02	2.2	2.6	1.7	1.5	2.2	1.8	2.3	1.6	1.5	2.3	3.1	2.5	3.4	3.3	3.6	4.0	8.1	5.9	2.9	6.7	8.9	8.0	5.6	5.3	8.9	3.7	24
03	4.8	4.0	4.0	2.0	1.8	2.4	1.3	1.8	1.7	2.6	3.2	3.4	3.9	4.2	4.5	4.1	6.5	8.9	10.6	6.9	7.3	8.9	10.2	8.1	10.6	4.8	24
04	9.8	9.3	8.7	7.5	7.7	6.6	8.1	6.8	4.1	3.5	2.7	2.8	4.1	3.5	3.8	3.2	3.2	2.7	2.9	1.2	1.4	3.0	8.1	6.5	9.8	5.0	24
05	6.8	5.8	6.5	6.3	5.6	6.4	8.1	9.1	8.8	10.3	10.7	11.6	12.6	14.0	11.7	12.0	12.6	12.0	10.0	10.0	8.5	8.3	9.4	8.8	14.0	9.4	24
06	8.4	7.3	6.1	5.4	4.8	4.2	5.2	8.5	10.8	11.6	12.7	10.2	11.6	10.0	9.1	8.4	7.3	6.1	3.7	1.3	1.1	1.3	1.2	1.6	12.7	6.5	24
07	1.3	1.3	1.3	1.2	.9	1.2	1.1	2.4	4.4	4.7	5.3	6.8	8.2	9.7	7.2	9.2	8.5	6.5	7.0	5.3	3.0	1.7	4.6	4.8	9.7	4.4	24
08	4.7	5.8	6.5	6.4	8.8	6.0	5.7	8.4	9.5	8.9	10.2	10.4	10.5	11.3	10.6	12.2	10.4	10.5	9.4	6.6	5.7	5.2	5.0	5.8	12.2	8.1	24
09	4.1	5.3	5.6	4.7	3.6	5.3	5.5	6.5	6.8	6.7	6.5	7.3	8.0	9986	7.3	7.8	7.9	6.5	5.4	2.1	.7	1.1	.9	.8	8.0	5.0	23
10	.7	.9	.9	1.0	.9	1.1	2.0	5.2	7.1	7.8	8.9	8.2	8.9	9.5	8.1	8.6	7.5	6.8	4.2	1.2	1.4	1.2	1.0	1.3	9.5	4.3	24
11	1.1	1.2	1.3	1.2	1.3	1.7	1.6	2.0	2.4	6.3	5.9	5.7	7.1	6.2	6.4	7.3	8.3	9.8	8.4	5.2	6.7	3.1	5.8	7.8	9.8	4.7	24
12	6.3	5.1	5.4	6.0	6.4	6.7	8.1	4.5	3.6	4.2	4.6	4.4	4.6	5.2	5.1	5.2	4.2	3.1	1.4	1.4	.7	2.4	2.8	6.9	8.1	4.5	24
13	8.2	5.4	7.1	7.1	7.9	6.5	8.6	9.9	9.9	11.2	10.7	12.9	13.8	12.6	10.1	11.3	10.6	9.5	8.9	9.9	8.0	6.8	6.6	6.0	13.8	9.1	24
14	5.0	2.6	3.6	4.2	3.8	5.2	5.0	6.6	6.3	7.0	5.3	5.1	4.9	5.1	4.2	4.7	4.8	3.6	2.9	1.8	1.6	3.6	4.9	4.1	7.0	4.4	24
15	3.8	2.6	2.5	5.1	3.7	4.1	5.1	5.7	5.2	5.1	5.0	6.0	6.1	6.6	6.7	6.3	6.4	8.1	6.3	7.8	7.2	5.3	7.6	6.4	8.1	5.6	24
16	6.4	8.5	10.2	11.4	13.1	13.2	10.8	10.3	10.7	10.5	8.5	9.2	8.0	7.5	8.1	8.9	7.9	5.6	6.4	5.4	5.8	5.6	5.9	5.6	13.2	8.4	24
17	6.2	6.4	7.1	5.9	4.0	2.7	3.6	5.1	8.3	8.3	10.4	9.7	9.5	9.4	10.1	10.4	10.8	9.1	9.3	6.7	5.8	5.9	5.1	3.3	10.8	7.2	24
18	4.4	3.2	3.5	4.1	3.7	2.9	3.0	4.3	6.8	7.6	7.5	8.7	7.7	6.5	5.7	5.7	4.4	4.2	5.0	5.1	5.1	3.6	1.3	1.7	8.7	4.8	24
19	2.0	2.2	1.4	1.3	.9	1.0	1.1	1.4	4.7	6.6	6.6	5.8	5.2	5.4	4.7	5.0	3.2	2.1	1.5	1.1	.9	1.2	1.9	3.9	6.6	2.9	24
20	4.2	1.3	1.4	1.0	1.0	1.2	1.4	1.8	2.5	3.3	5.0	5.6	5.9	5.8	5.7	5.4	4.9	3.9	2.9	1.8	1.7	1.3	1.2	1.2	5.9	2.9	24
21	1.1	1.2	1.0	1.0	1.2	1.2	1.2	.9	1.8	3.6	4.0	4.5	3.9	4.8	5.2	6.2	5.6	4.6	3.1	1.4	1.3	1.6	1.5	1.4	6.2	2.6	24
22	1.2	1.3	1.5	1.3	1.0	1.2	1.1	1.6	1.7	2.1	1.9	3.0	3.4	4.4	4.3	5.6	5.1	5.4	3.3	2.2	2.7	1.9	1.7	1.4	5.6	2.5	24
23	.8	1.1	.9	1.0	.8	.9	.9	1.5	3.7	5.1	6.4	7.3	8.1	8.9	10.7	11.1	8.2	8.8	7.9	5.3	4.7	5.9	2.2	3.1	11.1	4.8	24
24	4.3	6.4	3.7	3.9	3.5	4.2	5.1	9.1	9.7	6.7	7.1	8.3	9.5	7.5	7.4	7.3	6.9	6.6	5.9	3.7	3.6	3.0	1.7	2.0	9.7	5.7	24
25	2.0	1.4	1.3	1.4	1.4	1.5	1.5	3.5	4.6	4.3	4.6	9986	4.8	4.3	5.2	3.9	3.8	3.3	3.7	2.8	2.3	3.1	2.7	3.4	5.2	3.0	23
26	3.8	1.8	1.9	2.3	1.4	1.4	2.5	3.6	3.0	5.0	8.1	7.9	8.1	9.5	8.3	8.2	7.0	6.2	6.6	6.2	6.0	5.2	3.8	2.3	9.5	5.0	24
27	2.3	2.5	2.7	1.8	2.6	2.4	2.0	2.5	1.8	2.3	2.7	2.0	1.9	2.2	2.6	3.3	3.0	2.1	1.8	1.4	2.3	1.7	1.4	2.0	3.3	2.2	24
28	1.3	1.5	2.1	2.2	2.3	1.9	1.4	4.0	5.7	6.8	6.5	6.7	7.4	6.5	5.1	6.5	4.8	3.6	5.2	3.9	3.2	2.3	1.6	1.6	7.4	3.9	24
29	2.1	2.1	2.3	2.0	1.8	2.9	3.0	4.2	6.9	6.6	8.4	8.1	7.4	8.8	8.4	9.4	8.6	6.3	4.2	1.4	1.0	1.3	1.2	1.2	9.4	4.5	24
30	1.0	.9	1.1	1.3	1.6	1.9	2.2	4.4	6.8	7.5	8.2	11.3	12.1	11.0	9.7	9.4	8.3	7.6	7.3	5.6	4.9	5.1	3.5	2.9	12.1	5.6	24
Max	9.8	9.3	10.2	11.4	13.1	13.2	10.8	10.3	10.8	11.6	12.7	12.9	13.8	14.0	11.7	12.2	12.6	12.0	10.6	10.0	8.9	8.9	10.2	8.8	14.0		
Avg	3.7	3.4	3.5	3.4	3.3	3.3	3.6	4.6	5.4	6.0	6.4	6.8	7.2	7.2	6.7	7.1	6.7	6.0	5.3	4.1	3.8	3.6	3.7	3.7		4.9	
Rds	30	30	30	30	30	30	30	30	30	30	30	29	30	29	30	30	30	30	30	30	30	30	30	30			718

Monthly Parameter Report - Horizontal Wind Direction 1- Hour Averages

04/07

Logger Id : HS
Site Name : Belvidere HS
Parameter : WDA
Units : DEG
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	105	74	42	33	21	33	358	19	12	22	78	106	108	110	85	55	48	58	31	6	4	39	21	6	358	45	24
02	24	87	31	259	11	43	89	172	237	241	256	276	259	248	253	202	234	225	141	101	111	101	93	99	276	179	24
03	100	103	123	114	98	143	148	132	339	344	334	221	192	58	242	240	185	140	106	66	72	93	121	117	344	119	24
04	123	119	117	107	107	109	108	88	54	41	32	31	43	38	20	16	0	12	9	21	191	237	260	264	264	58	24
05	264	261	251	245	244	254	255	263	263	261	274	265	263	255	255	272	277	270	264	260	268	260	261	266	277	261	24
06	271	247	236	235	236	243	235	238	259	263	265	273	268	270	256	269	289	301	303	305	158	77	86	53	305	261	24
07	35	57	69	83	84	93	79	13	355	336	292	306	284	266	310	275	280	267	262	258	275	312	280	248	355	315	24
08	241	233	266	256	265	260	254	265	257	247	262	262	259	261	270	262	272	276	276	264	251	245	270	287	287	260	24
09	301	302	308	281	280	295	297	301	300	279	292	287	312	9986	316	322	324	329	335	318	24	102	102	58	335	313	23
10	163	178	140	165	48	205	219	293	292	306	285	303	298	324	321	323	311	311	332	20	75	36	44	39	332	320	24
11	58	45	44	48	39	24	43	23	353	126	175	171	157	176	155	135	152	143	156	148	135	91	81	94	353	103	24
12	90	79	62	57	58	52	63	336	19	9	20	23	23	33	31	18	22	41	73	67	155	219	245	256	336	40	24
13	262	264	255	253	251	247	253	260	264	270	278	275	276	280	289	281	289	286	282	281	278	292	293	288	293	272	24
14	291	257	241	258	245	294	298	307	319	321	323	327	260	248	199	188	176	218	198	131	88	120	139	164	327	244	24
15	85	13	63	68	50	59	54	62	37	38	36	31	14	26	28	26	22	41	8	26	21	12	9	349	349	33	24
16	349	353	347	340	344	335	319	312	304	291	268	272	265	272	288	299	315	310	307	318	324	328	327	337	353	313	24
17	345	334	333	345	336	30	5	350	333	334	333	315	316	322	328	335	334	340	336	334	334	337	341	24	350	339	24
18	341	340	334	343	354	355	20	18	26	42	46	51	48	57	38	46	48	44	51	46	37	38	355	38	355	25	24
19	102	69	305	120	110	52	259	94	42	38	36	19	21	25	38	45	65	206	212	131	31	31	36	71	305	55	24
20	71	36	58	46	67	39	15	121	113	96	11	11	4	357	352	16	8	1	356	59	51	41	50	33	357	37	24
21	17	50	73	53	31	43	18	330	139	348	349	347	258	314	322	323	319	320	319	101	64	40	41	37	349	10	24
22	7	54	23	29	135	28	41	358	185	252	282	263	177	200	200	229	234	203	192	61	1	9	15	33	358	351	24
23	33	30	26	38	18	38	43	197	218	231	226	234	227	235	243	227	227	217	210	214	227	230	235	262	262	237	24
24	255	249	233	235	257	249	270	278	328	347	330	326	312	330	326	328	330	349	7	22	47	27	46	67	349	320	24
25	52	183	50	48	26	32	12	41	32	55	5	9986	345	347	20	26	23	33	38	35	33	32	32	39	347	30	23
26	38	19	26	21	23	47	32	27	8	81	102	150	137	138	153	143	120	125	123	134	121	114	114	71	153	88	24
27	15	24	14	26	14	25	4	12	24	7	349	289	180	355	258	244	202	223	243	342	138	261	268	239	355	328	24
28	313	196	252	258	229	222	247	242	240	241	239	234	239	248	247	251	274	257	244	229	228	228	233	212	313	241	24
29	210	219	255	212	227	218	221	278	304	296	304	315	330	327	319	314	333	336	337	57	33	70	49	31	337	306	24
30	37	22	80	52	100	161	176	242	236	220	239	285	268	302	320	321	323	327	331	328	341	337	341	356	356	319	24
Max	349	353	347	345	354	355	358	358	355	348	349	347	345	357	352	335	334	349	356	342	341	337	355	356	358		
Avg	20	26	13	20	22	21	349	327	324	324	314	300	284	308	303	306	313	307	316	21	44	25	14	19		338	
Rds	30	30	30	30	30	30	30	30	30	30	30	29	30	29	30	30	30	30	30	30	30	30	30	30			718

Monthly Parameter Report - Standard Deviation 1- Hour Averages

04/07

Logger Id : HS
Site Name : Belvidere HS
Parameter : SIG-T
Units : DEG
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	38	50	38	28	13	42	41	39	37	34	29	20	20	21	24	22	20	21	24	43	31	24	23	26	50	29	24
02	32	50	58	34	22	36	21	40	46	31	25	64	50	50	34	33	14	13	26	17	7	13	18	15	64	31	24
03	17	17	14	42	25	23	49	36	51	51	47	54	44	57	32	43	25	18	21	51	34	27	19	19	57	34	24
04	16	18	17	19	19	24	21	25	37	26	31	19	20	24	33	26	19	22	20	43	42	35	13	14	43	24	24
05	19	19	12	11	12	13	14	16	16	15	18	15	18	13	17	13	16	14	13	12	14	15	14	15	19	14	24
06	16	12	11	11	12	12	12	13	15	15	16	17	17	21	19	18	20	19	16	25	23	48	37	29	48	18	24
07	31	33	22	17	29	34	23	46	26	28	50	25	23	18	25	20	23	23	13	12	18	24	18	11	50	24	24
08	10	13	15	13	13	15	15	17	16	14	15	16	18	15	17	16	17	14	16	15	12	9	13	16	18	14	24
09	17	22	19	19	18	19	21	23	24	29	31	28	26	9986	31	28	24	21	16	16	9	26	48	46	48	24	23
10	24	30	42	61	73	36	25	25	24	26	22	26	25	24	20	22	21	21	20	55	12	18	45	28	73	30	24
11	24	19	24	41	12	16	14	34	62	33	37	45	36	39	30	21	19	16	17	23	20	30	15	11	62	26	24
12	12	15	14	21	19	20	19	49	21	26	15	17	18	18	22	18	28	23	31	25	32	18	33	17	49	22	24
13	15	18	15	14	12	12	12	14	14	14	15	15	13	17	17	15	16	15	14	13	14	20	25	28	28	15	24
14	40	50	57	32	21	17	16	24	29	29	46	54	56	54	54	27	19	15	16	36	41	27	12	21	57	33	24
15	28	17	41	38	25	20	18	21	20	16	21	18	17	16	16	17	19	18	19	17	18	24	19	23	41	21	24
16	25	28	24	25	18	20	26	26	23	21	15	16	21	20	22	24	22	21	25	33	25	26	20	22	33	22	24
17	16	17	15	18	42	40	23	22	18	20	17	20	20	23	22	18	20	21	20	22	24	23	29	50	50	23	24
18	21	33	34	28	22	25	24	23	19	20	22	18	21	20	25	19	19	18	16	15	17	14	46	27	46	22	24
19	17	39	55	30	42	30	32	45	19	16	20	25	25	34	34	28	48	42	31	66	41	64	60	28	66	36	24
20	24	44	50	20	31	15	23	32	52	58	44	36	40	32	38	25	29	30	30	46	40	20	41	40	58	35	24
21	44	62	53	28	36	25	29	82	63	32	37	56	47	61	40	28	32	23	15	29	17	12	56	32	82	39	24
22	31	52	27	27	61	27	34	55	65	47	55	64	62	50	39	24	18	16	14	36	63	57	53	19	65	41	24
23	28	22	24	24	14	40	51	64	26	17	16	17	19	16	15	14	17	14	14	15	14	15	21	25	64	22	24
24	15	17	15	13	13	12	16	17	20	28	28	25	22	26	27	23	23	19	19	19	16	13	16	24	28	19	24
25	33	51	29	15	19	19	26	25	26	42	34	9986	21	17	20	20	21	25	21	22	16	22	18	19	51	24	23
26	18	26	27	34	20	67	29	27	36	32	21	20	21	26	21	20	17	18	19	20	18	24	35	38	67	26	24
27	30	15	20	40	24	23	25	21	29	23	17	37	69	63	33	20	30	31	25	45	29	46	50	45	69	32	24
28	62	52	25	18	25	55	52	15	18	19	20	18	16	14	13	15	19	17	12	13	11	14	45	32	62	25	24
29	15	17	29	28	27	18	13	20	27	21	22	22	23	23	26	21	27	30	23	36	37	49	57	41	57	27	24
30	36	49	37	32	51	65	58	19	12	15	19	19	16	22	21	22	24	22	18	17	17	21	41	55	65	29	24
Max	62	62	58	61	73	67	58	82	65	58	55	64	69	63	54	43	48	42	31	66	63	64	60	55	82		
Avg	25	30	28	26	25	27	26	30	29	26	26	28	28	28	26	22	22	20	19	27	23	25	31	27		26	
Rds	30	30	30	30	30	30	30	30	30	30	30	29	30	29	30	30	30	30	30	30	30	30	30	30			718

Monthly Parameter Report - Horizontal Wind Speed 1-Hour Averages

04/07

Logger Id : DF
Site Name : Demeter Farm
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	7.8	7.7	7.5	6.8	6.0	4.6	6.6	5.9	5.9	8.7	10.0	9.9	10.9	10.6	7.8	7.2	8.5	8.9	8.4	6.1	4.2	4.0	4.2	5.0	10.9	7.2	24
02	4.7	5.7	4.4	7.0	5.8	5.6	4.7	3.3	3.2	3.0	3.3	3.6	6.5	7.6	7.8	6.7	13.6	11.4	7.1	10.0	11.9	11.8	9.4	7.3	13.6	6.8	24
03	5.7	5.9	4.7	2.8	2.3	2.8	2.7	3.9	4.2	4.5	4.7	5.5	5.1	5.5	5.9	6.0	8.8	11.5	14.6	15.4	17.1	17.4	14.5	14.3	17.4	7.7	24
04	13.2	12.1	12.7	12.5	12.6	12.8	14.6	13.1	11.6	10.4	8.8	8.8	9986	10.1	9.1	6.4	4.6	4.2	5.6	5.8	5.8	12.5	17.0	15.7	17.0	10.4	23
05	13.1	13.5	14.4	13.0	13.3	12.8	15.9	15.7	17.1	18.4	16.6	19.6	18.0	20.0	17.4	21.0	18.9	18.1	16.6	15.7	15.3	14.6	18.2	18.9	21.0	16.5	24
06	15.9	15.3	14.6	14.0	11.4	9.7	11.3	15.6	15.6	16.2	18.5	17.4	16.8	15.9	14.5	12.5	11.5	10.7	8.2	5.6	4.0	4.5	6.3	7.4	18.5	12.2	24
07	3.6	4.0	6.7	7.3	7.7	6.2	5.3	6.4	6.9	7.4	9.5	12.3	14.4	15.5	14.1	15.3	13.6	10.8	13.6	11.3	9.0	11.6	8.7	10.9	15.5	9.6	24
08	10.9	14.0	12.8	15.4	15.2	14.3	12.3	14.9	16.6	14.5	15.7	16.4	15.5	16.5	17.4	18.8	17.3	16.7	13.7	11.9	12.8	13.1	10.6	10.3	18.8	14.4	24
09	12.5	14.1	16.7	16.3	11.1	12.6	13.7	14.0	13.6	11.8	11.3	12.5	13.4	15.0	14.1	14.4	15.2	13.2	11.8	7.4	5.8	7.8	8.3	7.4	16.7	12.2	24
10	6.3	7.7	7.7	8.7	10.2	9.8	11.2	10.8	14.9	15.1	14.6	16.4	15.3	17.0	17.3	16.2	16.2	14.1	10.5	6.3	5.5	5.3	3.9	3.0	17.3	11.0	24
11	3.4	3.6	4.0	3.9	4.1	4.3	5.4	7.7	9.2	8.1	9.3	8.1	9.7	8.3	9.9	9.0	10.9	11.7	10.6	9.7	9.7	7.4	8.7	9.0	11.7	7.7	24
12	9.6	11.4	11.3	13.3	15.0	14.7	17.5	9.2	7.9	7.2	7.8	8.7	9.2	7.8	6.7	6.8	6.7	5.6	2.4	2.7	6.2	10.2	15.5	16.0	17.5	9.5	24
13	16.2	14.3	16.0	15.0	17.5	16.8	17.5	17.5	17.2	17.6	19.0	21.2	21.3	19.2	17.1	16.5	16.7	17.4	18.0	15.1	14.7	15.1	18.2	14.8	21.3	17.0	24
14	14.2	15.0	19.0	20.4	18.6	16.4	12.4	14.9	14.0	13.7	11.6	9.3	9.2	7.8	6.0	6.6	4.6	7.0	6.3	5.6	5.6	6.6	8.6	6.3	20.4	10.8	24
15	8.0	9.6	12.4	11.5	10.5	9.0	10.8	12.0	13.7	14.2	14.9	14.3	8.9	9.0	9.9	9.5	11.0	13.1	12.1	12.6	14.5	18.3	18.8	21.7	21.7	12.5	24
16	22.3	25.9	30.9	31.5	30.6	29.4	29.5	29.7	28.8	26.4	22.2	18.8	18.1	19.3	20.1	20.1	17.4	18.0	16.3	16.3	15.5	14.7	15.5	15.6	31.5	22.2	24
17	13.3	14.0	15.4	13.1	13.0	11.6	11.8	13.4	15.6	17.2	19.9	19.9	20.8	21.0	22.7	24.2	20.9	22.2	18.8	18.6	18.6	18.4	16.0	13.4	24.2	17.2	24
18	13.8	13.6	13.1	12.9	12.2	11.1	11.1	9.7	9.9	11.3	10.3	9.1	9986	8.9	7.8	7.0	5.7	6.0	7.9	8.3	7.5	5.5	3.7	4.0	13.8	9.1	23
19	3.7	4.9	6.6	6.1	5.7	5.3	4.0	5.0	7.7	8.4	7.7	9.1	8.6	6.9	6.3	6.8	6.0	3.6	2.5	3.1	6.8	6.8	5.2	10.3	10.3	6.1	24
20	8.6	4.8	4.4	4.8	5.5	6.6	8.9	7.3	7.6	7.5	8.8	9.6	9.6	9.0	10.5	10.0	9.3	7.7	5.6	3.3	3.6	2.9	2.6	5.7	10.5	6.8	24
21	6.4	5.7	5.0	6.6	6.2	8.9	7.2	6.5	9.9	8.5	8.1	8.1	7.8	9.0	10.8	10.4	13.2	11.2	9.5	7.3	7.0	7.9	6.1	5.8	13.2	8.0	24
22	6.7	6.2	6.8	5.8	5.8	4.6	5.6	5.1	4.4	3.6	3.5	7.1	4.7	6.4	7.1	6.9	7.9	8.6	7.3	8.0	11.3	11.6	9.4	10.6	11.6	6.8	24
23	11.2	11.0	9.9	10.4	10.9	9.9	9.7	7.8	8.3	6.7	9.8	9.9	12.3	9980	9980	14.3	15.5	16.7	13.8	13.2	12.9	14.9	12.2	11.2	16.7	11.4	22
24	9.1	13.2	12.0	12.9	13.0	13.1	10.8	12.8	16.2	14.5	13.6	12.9	15.2	16.1	15.2	15.3	13.9	12.0	11.5	8.8	10.3	10.4	11.2	10.5	16.2	12.6	24
25	11.7	9.7	6.0	4.3	5.3	4.5	6.7	5.5	5.8	6.5	5.0	3.7	5.0	5.8	10.4	6.6	8.2	7.4	8.6	7.9	8.0	6.0	6.2	6.5	11.7	6.7	24
26	6.6	4.5	6.2	5.3	3.4	3.1	5.5	6.6	5.8	7.7	10.1	9.5	11.8	11.5	10.9	10.3	10.2	10.5	11.3	9.9	8.0	7.8	6.2	8.4	11.8	7.9	24
27	5.6	7.1	7.4	4.9	5.3	5.3	4.7	6.3	4.8	7.2	5.4	3.4	5.4	4.4	4.6	4.2	3.2	4.0	5.2	3.3	3.6	6.3	10.4	10.0	10.4	5.5	24
28	11.8	10.4	11.5	10.8	10.8	10.5	10.2	9.6	11.3	9.8	9.9	10.1	11.0	9.6	8.2	12.2	9.7	9.5	8.8	8.7	8.5	8.6	10.3	9.8	12.2	10.0	24
29	9.7	9.3	6.6	5.7	7.9	9.8	9.9	9.7	13.4	16.0	18.7	18.6	18.2	19.9	18.7	22.1	16.9	15.3	10.6	9.7	8.5	5.5	4.0	3.3	22.1	12.0	24
30	5.3	6.0	9.5	11.3	11.2	9.2	13.4	14.1	14.7	14.9	14.5	21.5	20.2	20.3	21.2	22.2	20.8	18.9	19.3	19.3	15.2	13.3	15.2	14.5	22.2	15.2	24
Max	22.3	25.9	30.9	31.5	30.6	29.4	29.5	29.7	28.8	26.4	22.2	21.5	21.3	21.0	22.7	24.2	20.9	22.2	19.3	19.3	18.6	18.4	18.8	21.7	31.5		
Avg	9.6	10.0	10.5	10.4	10.2	9.8	10.3	10.4	11.1	11.2	11.4	11.8	12.2	12.2	12.0	12.1	11.8	11.5	10.5	9.5	9.5	10.0	10.1	10.2		10.8	
Rds	30	30	30	30	30	30	30	30	30	30	30	30	28	29	29	30	30	30	30	30	30	30	30	30			716

Monthly Parameter Report - Horizontal Wind Direction 1-Hour Averages

04/07

Logger Id : DF
Site Name : Demeter Farm
Parameter : WDA
Units : DEG
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	131	139	125	129	124	113	114	113	104	109	123	122	120	119	109	99	104	106	100	99	56	68	66	9	139	106	24
02	16	16	290	282	286	299	308	55	21	31	44	92	185	192	174	159	245	233	144	130	124	124	117	105	308	115	24
03	90	105	107	84	61	50	37	17	18	5	37	354	293	237	271	149	146	129	125	123	120	122	120	117	354	86	24
04	117	118	118	117	113	114	116	109	104	101	104	99	9986	103	92	70	54	35	351	353	327	284	285	284	353	86	23
05	279	286	282	281	277	277	273	270	282	277	283	271	275	272	268	283	286	285	280	274	279	269	280	284	286	278	24
06	282	268	270	269	269	271	255	258	267	278	273	272	276	281	269	286	302	297	305	312	335	312	306	314	335	284	24
07	45	15	341	344	339	339	343	338	348	326	315	292	299	295	296	286	268	270	280	274	277	285	285	272	348	310	24
08	256	254	272	276	282	287	286	284	282	259	272	280	262	268	282	273	285	285	288	283	282	279	281	290	290	277	24
09	299	311	311	307	306	313	311	314	313	302	293	306	302	319	315	313	323	325	327	325	322	313	296	307	327	311	24
10	322	305	317	315	316	310	297	302	312	303	310	315	303	311	314	315	322	320	328	342	345	352	10	42	352	321	24
11	57	62	60	60	65	72	84	114	134	126	137	151	149	131	134	144	134	132	134	130	125	112	100	100	151	111	24
12	108	114	104	104	101	100	102	103	90	70	62	57	51	40	23	18	6	5	34	36	282	246	268	277	282	60	24
13	283	278	278	275	274	273	274	274	280	278	286	289	290	288	284	284	288	293	295	289	286	300	306	303	306	285	24
14	308	308	309	309	306	309	306	313	314	315	316	321	292	281	295	220	248	211	181	153	125	133	137	125	321	283	24
15	118	124	127	112	105	92	77	86	79	83	82	67	20	30	25	28	9	50	1	11	0	350	344	334	350	53	24
16	329	328	329	328	329	320	315	310	309	302	293	288	289	293	300	302	302	305	308	310	316	320	320	324	329	311	24
17	330	327	324	331	324	333	334	330	323	320	324	318	316	317	320	321	325	326	325	320	323	321	323	330	334	324	24
18	326	322	317	326	333	331	344	356	22	18	29	22	9986	52	38	27	38	43	55	51	53	48	28	40	356	15	23
19	16	47	334	336	332	359	16	15	28	28	25	5	9	3	8	16	15	9	30	115	276	276	36	116	359	11	24
20	114	129	295	318	317	340	349	355	1	1	357	355	356	359	330	353	350	356	353	21	18	31	19	342	359	356	24
21	348	353	346	334	339	337	335	358	342	339	334	328	322	314	316	316	311	310	323	318	336	348	5	354	358	334	24
22	338	336	350	8	1	29	26	31	28	13	12	323	316	296	213	157	188	183	177	167	148	155	156	181	350	12	24
23	206	226	232	239	238	228	232	250	241	227	228	216	228	231	226	214	218	204	200	191	182	194	215	243	250	221	24
24	279	262	261	263	264	272	270	286	317	330	327	312	305	322	319	318	319	336	348	354	350	348	345	347	354	311	24
25	347	345	358	32	16	31	4	21	50	71	93	89	114	22	351	33	9	23	40	25	64	40	43	40	358	32	24
26	45	61	56	53	42	46	57	72	87	102	104	116	129	129	125	130	123	123	126	126	123	117	118	116	130	98	24
27	96	88	96	105	77	88	101	103	108	122	124	7	160	124	198	300	114	140	154	20	134	237	271	271	300	115	24
28	266	262	279	288	274	281	301	282	269	272	266	257	257	251	262	272	281	273	258	251	254	253	266	271	301	268	24
29	281	272	307	301	266	277	275	293	307	309	307	319	319	317	318	316	329	323	337	339	342	6	28	88	342	314	24
30	158	158	178	183	191	209	212	219	230	243	260	289	281	303	313	319	322	320	323	325	329	336	328	333	336	272	24
Max	348	353	358	344	339	359	349	358	348	339	357	355	356	359	351	353	350	356	353	354	350	352	345	354	359		
Avg	342	333	317	323	322	331	331	340	345	340	339	328	295	308	303	315	318	320	334	349	337	323	337	334		327	
Rds	30	30	30	30	30	30	30	30	30	30	30	30	28	30	30	30	30	30	30	30	30	30	30	30			718

Monthly Parameter Report - Ambient Temperature 1-Hour Averages

04/07

Logger Id : DF
Site Name : Demeter Farm
Parameter : TEMP
Units : DEGC
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	3.6	3.2	2.7	2.8	2.9	2.9	2.5	2.4	2.3	3.1	4.1	5.1	5.7	5.8	4.7	4.3	4.1	3.7	2.9	2.8	2.9	3.1	3.3	3.2	5.8	3.5	24
02	3.0	3.2	4.7	3.8	4.4	3.5	4.7	3.6	5.1	5.6	7.2	8.6	10.8	14.0	15.6	17.4	20.0	20.0	15.6	12.0	8.8	6.7	6.1	5.5	20.0	8.7	24
03	5.1	4.7	4.4	4.2	4.2	4.2	4.5	5.0	6.1	7.7	10.5	12.4	14.3	15.6	16.3	17.1	16.7	15.1	10.2	7.6	5.9	4.7	4.0	3.6	17.1	8.5	24
04	2.7	2.1	1.8	1.8	1.6	1.7	1.6	1.8	1.8	1.9	2.1	2.3	9986	3.3	3.6	3.9	3.9	3.7	3.4	3.0	3.1	3.2	2.4	2.2	3.9	2.5	23
05	1.8	1.4	.8	.3	.0	-.3	-.3	-.2	-.1	.0	.7	1.0	.7	.2	-.4	-.2	-.2	-.7	-1.6	-2.2	-2.0	-2.1	-2.1	-2.1	1.8	-.3	24
06	-2.4	-3.2	-3.4	-3.2	-3.1	-3.1	-2.9	-2.5	-2.3	-1.7	-.9	-.7	-.2	.4	.7	.6	.8	.7	.0	-.3	-.7	-.8	-1.2	-1.5	.8	-1.2	24
07	-2.0	-2.1	-2.8	-3.6	-3.9	-4.1	-4.1	-3.9	-3.4	-2.5	-1.7	-.9	-.4	.1	.3	.2	-.5	-1.3	-1.6	-1.8	-2.1	-2.3	-2.9	-3.5	.3	-2.1	24
08	-3.8	-3.9	-3.9	-4.0	-4.4	-4.5	-4.2	-3.3	-2.2	-2.1	-1.3	-1.2	-1.0	-.4	.2	.2	.5	.6	.3	.1	.0	.0	-.3	-.5	.6	-1.6	24
09	-.6	-1.0	-1.5	-2.2	-2.4	-2.5	-2.3	-1.9	-1.4	-.4	.8	1.3	2.1	2.2	2.3	2.9	3.0	2.8	2.3	1.2	.8	.7	.8	.6	3.0	.3	24
10	.1	-.1	-.8	-1.4	-1.7	-2.0	-1.8	-1.1	-.2	.8	1.8	2.7	3.8	4.1	4.2	4.5	4.5	4.3	3.9	3.2	2.9	2.9	2.7	2.5	4.5	1.6	24
11	2.1	1.9	1.8	1.5	1.2	.4	.5	1.8	2.9	4.4	5.2	6.5	7.7	8.5	9.2	9.0	8.3	6.7	4.7	3.6	2.5	2.4	2.5	2.7	9.2	4.0	24
12	2.4	1.9	1.5	1.2	.8	.8	1.3	2.1	2.5	3.0	3.3	3.1	3.0	3.3	3.3	3.3	3.0	2.7	2.9	2.9	3.0	3.9	4.6	4.5	4.6	2.6	24
13	4.0	3.9	4.0	3.8	3.6	3.4	3.3	3.0	3.4	3.8	4.0	4.5	4.8	5.1	4.9	4.8	4.6	4.3	3.9	3.5	3.2	3.1	3.0	2.8	5.1	3.8	24
14	2.7	2.3	1.9	1.3	.8	.4	.3	1.1	2.3	3.6	4.7	5.9	7.2	8.1	8.7	9.4	9.4	9.0	8.4	8.0	7.7	7.5	7.2	6.0	9.4	5.1	24
15	4.1	3.5	3.2	3.0	3.1	2.9	2.5	2.2	2.1	2.4	2.9	3.5	3.6	3.4	3.0	3.1	3.3	3.2	3.1	2.9	3.4	3.8	4.2	3.8	4.2	3.1	24
16	2.8	2.5	2.3	2.1	2.1	2.1	1.5	1.2	1.7	1.1	.0	.0	.1	.5	1.2	2.1	2.1	1.6	1.5	1.8	1.9	1.8	1.9	1.9	2.8	1.5	24
17	2.2	2.6	2.9	2.6	2.6	2.9	3.2	3.7	4.5	5.0	5.0	4.2	3.4	4.1	4.9	4.9	4.2	3.9	3.5	3.2	2.9	2.7	2.7	2.7	5.0	3.5	24
18	2.7	2.8	2.9	3.0	3.0	3.0	3.3	3.8	4.8	5.9	7.0	7.6	9986	9.0	8.7	8.5	8.5	8.4	8.0	7.4	7.0	6.5	6.1	6.1	9.0	5.8	23
19	5.3	5.1	5.1	5.0	5.0	5.0	5.1	5.5	6.0	6.9	7.8	8.2	9.0	9.8	10.4	10.8	11.3	11.7	11.5	11.1	11.0	10.9	10.3	7.2	11.7	8.1	24
20	5.4	4.8	5.0	5.0	5.4	6.8	7.3	8.3	9.7	11.4	13.2	14.6	16.1	17.3	18.0	18.9	19.2	19.2	18.4	17.5	16.8	16.0	15.0	14.1	19.2	12.6	24
21	13.6	13.0	12.4	11.8	11.1	10.6	10.3	11.4	13.2	14.5	16.6	18.1	19.3	20.5	21.1	21.4	21.4	21.3	20.6	19.6	19.2	18.6	17.2	16.6	21.4	16.3	24
22	15.9	15.1	14.9	14.5	13.9	13.3	13.6	14.6	16.4	17.7	19.2	20.1	21.3	22.1	22.8	23.1	23.2	22.8	21.8	20.3	18.0	17.0	16.3	16.7	23.2	18.1	24
23	16.5	16.4	16.5	16.7	16.9	16.3	16.4	17.3	18.2	20.7	21.6	23.2	24.6	25.6	26.2	25.8	25.6	24.6	23.4	22.6	21.8	21.1	20.6	20.6	26.2	20.8	24
24	19.4	18.8	18.0	17.6	16.9	16.3	16.2	17.0	16.6	14.7	14.7	16.0	17.4	17.8	18.4	18.4	18.3	17.5	16.1	14.3	13.4	12.5	11.9	11.1	19.4	16.2	24
25	10.3	9.8	9.4	8.7	7.9	7.4	7.5	8.3	10.4	12.2	14.4	15.5	15.8	14.9	12.0	9.0	7.2	6.5	6.0	5.9	6.1	6.1	5.8	5.8	15.8	9.2	24
26	5.5	5.2	4.9	4.6	4.5	4.5	4.9	6.0	7.5	9.4	10.6	11.0	11.7	11.8	12.0	11.5	10.7	10.0	9.2	8.6	8.1	7.5	6.9	5.9	12.0	8.0	24
27	5.8	6.0	6.4	6.9	7.1	7.2	7.7	8.0	8.3	8.5	9.1	9.5	10.3	10.8	11.0	11.2	11.6	11.6	11.6	11.5	11.5	11.5	11.4	11.4	11.6	9.4	24
28	11.3	11.4	11.5	12.0	11.2	10.8	11.7	12.2	12.7	13.5	14.2	14.6	14.6	14.3	14.1	14.1	13.9	13.7	13.0	12.2	11.9	11.6	11.5	11.2	14.6	12.6	24
29	10.5	9.9	9.4	9.3	9.2	9.3	9.3	9.6	10.2	10.8	11.1	11.7	13.3	15.1	16.3	17.6	17.6	18.4	18.1	17.3	16.5	15.6	15.1	14.4	18.4	13.1	24
30	13.3	12.2	11.6	11.2	11.1	11.5	11.2	13.3	14.6	16.1	18.5	20.3	21.2	22.1	21.7	21.1	20.4	19.7	18.2	16.6	15.3	13.8	12.6	11.7	22.1	15.8	24
Max	19.4	18.8	18.0	17.6	16.9	16.3	16.4	17.3	18.2	20.7	21.6	23.2	24.6	25.6	26.2	25.8	25.6	24.6	23.4	22.6	21.8	21.1	20.6	20.6	26.2		
Avg	5.4	5.1	4.9	4.6	4.5	4.3	4.4	5.0	5.7	6.6	7.5	8.2	9.2	9.6	9.8	9.9	9.8	9.5	8.6	7.8	7.3	7.0	6.6	6.2		7.0	
Rds	30	30	30	30	30	30	30	30	30	30	30	30	28	30	30	30	30	30	30	30	30	30	30	30			718

Monthly Parameter Report - Solar Radiation 1-Hour Averages

04/07

Logger Id : DF
Site Name : Demeter Farm
Parameter : SOLARRAD
Units : W/M2
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	1	1	1	1	2	13	23	41	81	151	167	180	81	58	45	26	8	3	2	2	2	2	2	180	37	24
02	2	2	1	2	2	4	75	169	254	325	550	770	843	781	600	504	337	138	15	1	1	1	1	1	843	224	24
03	1	1	2	2	2	3	25	69	344	623	754	822	832	761	657	510	311	140	14	1	1	1	1	1	832	244	24
04	2	2	2	2	2	2	8	16	28	38	41	37	9986	56	65	34	28	20	8	2	2	2	2	2	65	17	23
05	2	2	2	2	2	4	93	339	447	628	581	606	441	530	340	278	143	65	11	2	2	2	2	2	628	188	24
06	2	2	2	2	2	5	60	149	239	474	570	504	573	532	352	251	205	75	9	2	2	2	2	2	573	167	24
07	1	1	1	2	2	5	56	150	282	393	526	612	565	622	400	298	211	94	11	2	2	2	1	2	622	176	24
08	1	2	2	2	2	8	130	337	468	282	448	389	399	410	326	314	172	53	7	2	2	2	2	2	468	156	24
09	2	2	2	2	2	7	125	258	442	641	722	649	799	735	645	541	316	134	26	2	2	2	2	2	799	252	24
10	2	2	1	2	2	11	132	334	548	641	588	637	726	641	499	473	225	88	18	1	1	2	1	1	726	232	24
11	1	1	2	1	2	12	132	324	511	658	754	824	848	581	487	187	138	33	4	1	1	2	2	2	848	229	24
12	1	2	2	2	2	2	8	18	37	49	76	126	160	244	184	163	102	45	7	2	2	2	2	2	244	51	24
13	2	2	2	2	2	7	22	117	289	153	154	153	260	204	109	72	37	25	6	2	2	2	2	2	289	67	24
14	2	2	2	2	2	17	166	360	546	679	693	774	795	595	468	440	202	83	14	2	2	2	2	1	795	243	24
15	2	2	2	2	2	2	6	9	23	44	46	49	37	37	40	36	25	8	3	2	2	2	2	2	49	16	24
16	2	2	2	2	2	2	9	49	123	96	172	154	151	174	142	78	42	25	5	2	2	2	2	2	174	51	24
17	2	2	2	2	2	6	54	125	376	308	347	200	158	249	352	170	123	72	15	2	2	2	2	2	376	107	24
18	2	2	2	2	2	8	56	125	330	532	565	455	9986	467	240	239	139	57	13	2	1	1	2	1	565	141	23
19	1	2	2	2	2	9	42	95	245	287	295	313	388	348	362	317	296	181	42	1	2	2	1	1	388	134	24
20	1	1	2	2	2	29	188	390	580	738	836	919	922	866	755	605	418	214	43	1	1	1	1	1	922	313	24
21	1	1	1	2	1	36	175	377	566	648	819	864	910	863	752	600	408	197	46	1	1	1	1	1	910	303	24
22	1	1	1	1	1	32	190	383	566	713	823	885	896	847	743	589	400	207	43	1	1	1	1	1	896	305	24
23	1	1	1	1	1	31	184	377	551	703	816	861	897	788	713	524	354	162	48	1	1	1	1	1	897	292	24
24	1	1	1	1	1	24	109	345	316	531	592	783	889	823	732	582	401	210	43	2	1	1	1	1	889	266	24
25	1	1	1	1	1	39	186	302	516	717	735	610	273	97	117	73	25	11	3	2	2	2	2	2	735	154	24
26	2	2	2	2	2	18	174	282	373	667	754	469	577	533	541	205	118	44	19	2	1	2	1	2	754	199	24
27	2	2	2	2	2	11	35	29	47	77	156	186	263	237	136	130	109	33	13	2	2	2	1	2	263	61	24
28	1	2	2	2	2	44	205	354	530	581	698	520	366	120	81	212	109	47	11	2	1	1	1	1	698	162	24
29	1	2	1	2	2	12	39	123	256	329	477	560	706	732	451	383	125	239	60	2	1	1	1	1	732	187	24
30	1	1	2	2	2	11	60	263	489	720	823	877	831	824	770	615	435	241	64	2	1	1	1	1	877	293	24
Max	2	2	2	2	2	44	205	390	580	738	836	919	922	866	770	615	435	241	64	2	2	2	2	2	922		
Avg	1	1	1	1	1	13	91	209	345	445	518	525	560	492	403	315	199	98	20	1	1	1	1	1		176	
Rds	30	30	30	30	30	30	30	30	30	30	30	30	28	30	30	30	30	30	30	30	30	30	30	30			718

Monthly Parameter Report - Standard Deviation 1-Hour Averages

04/07

Logger Id : DF
Site Name : Demeter Farm
Parameter : SIG-T
Units : DEG
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	4	4	6	6	6	8	6	8	8	5	7	8	7	7	8	9	8	8	8	7	19	15	13	24	24	8	24
02	21	19	37	14	37	19	32	44	38	27	40	31	22	25	23	25	15	11	20	7	5	5	7	8	44	22	24
03	10	12	18	24	9	11	13	16	21	31	40	38	63	60	57	49	16	10	6	7	7	6	8	8	63	22	24
04	8	9	7	9	7	9	8	9	12	9	9	25	9986	8	11	13	15	22	12	16	11	9	9	9	25	11	23
05	9	9	9	8	9	9	9	10	12	11	15	12	14	13	10	11	11	11	10	10	11	11	10	11	15	10	24
06	11	9	8	8	9	8	9	8	14	14	15	12	16	13	17	20	13	12	10	12	19	21	9	8	21	12	24
07	14	13	8	10	8	9	9	17	16	22	19	18	15	14	18	13	12	17	10	9	9	10	10	8	22	12	24
08	8	9	9	10	10	11	10	12	14	11	12	14	12	14	11	10	12	13	11	11	9	10	10	12	14	11	24
09	8	7	7	7	7	7	8	10	12	14	25	24	17	16	16	13	11	10	9	8	6	7	8	8	25	11	24
10	6	7	9	5	5	6	8	11	11	12	13	11	12	14	12	12	10	9	9	8	10	11	17	8	17	9	24
11	8	5	5	7	5	6	6	9	15	21	18	29	21	20	19	12	11	8	11	9	8	9	8	7	29	11	24
12	7	6	6	7	7	7	7	53	12	17	11	11	12	17	18	21	19	14	18	35	17	8	8	10	53	14	24
13	10	9	10	10	9	8	10	10	11	11	11	11	11	11	11	11	10	10	10	10	10	8	8	7	11	9	24
14	8	5	5	6	6	7	8	9	11	14	16	22	26	40	64	47	62	14	17	12	8	10	9	9	64	18	24
15	8	6	6	9	7	10	9	8	9	7	9	9	16	16	16	17	16	14	15	14	12	10	9	9	17	10	24
16	7	7	7	7	9	8	9	7	8	7	8	8	9	7	8	7	8	7	7	7	8	8	7	7	9	7	24
17	8	8	8	8	7	9	8	8	10	10	9	9	9	9	9	8	9	9	8	8	8	7	7	8	10	8	24
18	8	5	6	7	7	6	11	13	21	20	23	21	9986	18	23	18	21	16	13	14	13	13	15	16	23	14	23
19	14	13	8	6	5	12	15	16	18	21	20	20	19	21	24	23	21	26	15	51	7	7	21	5	51	17	24
20	8	27	49	13	11	6	11	14	16	24	21	21	23	26	22	27	22	16	18	16	11	14	13	11	49	18	24
21	9	8	9	7	8	6	7	13	12	15	24	32	43	34	17	26	10	9	7	7	7	9	13	11	43	14	24
22	7	5	8	11	11	12	12	16	23	28	33	36	54	65	44	36	32	15	12	10	6	5	4	8	65	20	24
23	7	5	5	5	5	3	5	12	18	24	9	15	14	19	16	11	14	11	9	10	11	10	7	13	24	10	24
24	12	8	7	6	6	7	9	13	13	14	13	14	13	13	12	12	12	15	12	13	9	9	7	8	15	10	24
25	8	9	14	14	15	14	15	19	22	22	29	67	27	27	16	18	22	19	16	17	11	19	17	17	67	19	24
26	15	11	13	12	11	10	12	12	15	12	14	14	11	12	14	13	11	9	9	8	10	10	10	10	15	11	24
27	13	8	9	11	9	8	10	14	15	11	30	44	26	31	31	53	43	42	27	44	48	31	8	7	53	23	24
28	5	6	7	8	6	8	8	11	13	17	21	22	12	14	10	11	13	10	10	9	8	8	7	7	22	10	24
29	9	8	10	17	7	7	9	10	10	10	10	9	9	11	9	9	10	11	11	8	9	14	11	12	17	10	24
30	10	7	7	7	7	11	7	8	7	12	14	12	12	14	13	10	9	9	7	7	8	8	6	6	14	9	24
Max	21	27	49	24	37	19	32	53	38	31	40	67	63	65	64	53	62	42	27	51	48	31	21	24	67		
Avg	9	8	10	9	8	8	10	14	14	15	17	20	19	20	19	18	16	13	11	13	11	10	9	9		13	
Rds	30	30	30	30	30	30	30	30	30	30	30	30	28	30	30	30	30	30	30	30	30	30	30	30			718