

February 2010

Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Instrument: Eppley PSP
Watt-Hours per Square Meter

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	0	0	0	0	0	0	0	47	204	387	530	621	626	567	433	323	128	19	0	0	0	0	0	0	3885
2	0	0	0	0	0	0	0	12	65	72	94	130	127	77	55	44	14	9	0	0	0	0	0	0	698
3	0	0	0	0	0	0	0	9	52	112	247	462	581	576	455	268	124	17	0	0	0	0	0	0	2903
4	0	0	0	0	0	0	0	37	177	376	421	573	494	488	362	171	65	18	0	0	0	0	0	0	3181
5	0	0	0	0	0	0	0	13	73	117	109	74	44 ?	50 ?	50 ?	59	15	6	0	0	0	0	0	0	611 ?
6	0	0	0	0	0	0	0	12	41	72	110	147	142	144	189	97	32	4	0	0	0	0	0	0	991
7	0	0	0	0	0	0	0	54	229	416	561	649	673	628	517	351	153	23	0	0	0	0	0	0	4254
8	0	0	0	0	0	0	0	55	223	408	552	644	666	542	392	369	189	32	0	0	0	0	0	0	4073
9	0	0	0	0	0	0	0	60	152	383	444	483	432	255	118	52	12 ?	2	0	0	0	0	0	0	2393
10	0	0	0	0	0	0	1	19	78	296	581	655	610	353	567	296	159	34	0	0	0	0	0	0	3649
11	0	0	0	0	0	0	3	62	241	430	578	670	671	639	535	371	171	30	0	0	0	0	0	0	4402
12	0	0	0	0	0	0	3	59	205	332	460	580	533	394	268	155	54	8	0	0	0	0	0	0	3050
13	0	0	0	0	0	0	2	19	63	154	224	265	331	211	124	88	63	22	0	0	0	0	0	0	1566
14	0	0	0	0	0	0	6	71	253	441	590	684	705	657	545	382	182	37	0	0	0	0	0	0	4554
15	0	0	0	0	0	0	4	60	249	428	542	633	529	447	201	109	52	7	0	0	0	0	0	0	3262
16	0	0	0	0	0	0	6	57	257	441	588	680	708	666	553	389	178	27	0	0	0	0	0	0	4548
17	0	0	0	0	0	0	6	78	268	456	602	691	715	350	345	192	83	18	0	0	0	0	0	0	3803
18	0	0	0	0	0	0	7	82	272	457	603	692	717	671	560	393	193	41	0	0	0	0	0	0	4689
19	0	0	0	0	0	0	6	85	278	465	613	701	725	677	564	398	195	41	0	0	0	0	0	0	4750
20	0	0	0	0	0	0	8	88	281	467	616	705	727	681	567	398	196	43	0	0	0	0	0	0	4777
21	0	0	0	0	0	0	9	88	273	451	593	683	705	660	550	364	195	44	0	0	0	0	0	0	4616
22	0	0	0	0	0	0	10	93	254	284	291	392	336	155	72	40	23	5	0	0	0	0	0	0	1954
23	0	0	0	0	0	0	2	16	65	164	218	280	254	254	266	203	162	29	0	0	0	0	0	0	1913
24	0	0	0	0	0	0	5	52	158	181	176	277	97	85	126	143	31	13	0	0	0	0	0	0	1344
25	0	0	0	0	0	0	2	20	56	123	316	541	361	310	346	225	146	44	0	0	0	0	0	0	2489
26	0	0	0	0	0	0	16	114	320	510	660	750	770	716	598	431	229	57	0	0	0	0	0	0	5171
27	0	0	0	0	0	0	25	96	266	520	549	733	798	409	510	331	194	52	0	0	0	0	0	0	4482
28	0	0	0	0	0	0	8	61	317	462	656	661	715	736	562	157	165	40	0	0	0	0	0	0	4538

Avg	0	0	0	0	0	0	5	54	192	336	447	538	528	443	372	243	122	26	0	0	0	0	0	0	3305
S D	0	0	0	0	0	0	6	30	93	147	188	203	228	222	190	132	71	16	0	0	0	0	0	0	1395
S/A	0	0	0	0	0	0	1.22	0.56	0.48	0.44	0.42	0.38	0.43	0.5	0.51	0.54	0.59	0.61	0	0	0	0	0	0	0.42
Min	0	0	0	0	0	0	0	9	41	72	94	74	44	50	50	40	12	2	0	0	0	0	0	0	611
Max	0	0	0	0	0	0	25	114	320	520	660	750	798	736	598	431	229	57	0	0	0	0	0	0	5171
n	0	0	0	0	0	0	51	333	335	336	336	335	326	330	333	334	327	232	0	0	0	0	0	0	3608

Daylight Data Recovery: 0.0% missing; 0.0% untested; 0.9% exceed the 15% QC threshold -- 3640 total daylight measurements.

Instrument: Eppley PSP Serial Number: 31392F3 Calibration Factor: 7.3961 $\mu\text{V}/\text{W}/\text{m}^2$ Calibration Date: 07/2007

Data & Flag	Hour Column	Day Column
<value> *	> 20% Missing	> 10% Missing
<value> ?	> 20% Fail QC	> 10% Fail QC
<blank> *	> 90% Missing	> 90% Missing
<blank> ?	> 90% Fail QC	> 90% Fail QC

Note: Daily values with a missing flag (*) are not used in monthly statistics.

February 2010

Direct Normal Solar Radiation
 Hourly Integrated and Daily Totals
 Instrument: Eppley NIP
 Watt-Hours per Square Meter

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
2	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
3	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
4	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
5	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
6	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
7	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
8	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
9	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
10	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
11	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
12	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
13	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
14	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
15	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
16	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
17	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
18	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
19	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
20	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
21	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
22	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
23	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
24	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
25	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
26	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
27	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*
28	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	*

Avg	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	N/A	*
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Min	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	N/A
Max	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	N/A
n	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Daylight Data Recovery: 100.0% missing; 0.0% untested; 0.0% exceed the 15% QC threshold -- 3640 total daylight measurements.

Instrument: Eppley NIP Serial Number: 23398E6 Calibration Factor: 7.1447 μV/W/m² Calibration Date: 07/2007

Data & Flag	Hour Column	Day Column
<value> *	> 20% Missing	> 10% Missing
<value> ?	> 20% Fail QC	> 10% Fail QC
<blank> *	> 90% Missing	> 90% Missing
<blank> ?	> 90% Fail QC	> 90% Fail QC

Note: Daily values with a missing flag (*) are not used in monthly statistics.

Elizabeth City State University
36.28 N Latitude 76.22 W Longitude 26 Meters AMSL Time Zone -5

February 2010

Diffuse Solar Radiation (Shadow Band) on a Horizontal Surface
Hourly Integrated and Daily Totals
Instrument: Eppley PSP
Watt-Hours per Square Meter

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	0	0	0	0	0	0	0	19	42	53	60	74	99	111	106	49	28	9	0	0	0	0	0	0	651
2	0	0	0	0	0	0	0	13	65	72	94	130	127	77	55	44	15	9	0	0	0	0	0	0	700
3	0	0	0	0	0	0	0	9	52	112	235	303	191	177	114	88	50	12	0	0	0	0	0	0	1343
4	0	0	0	0	0	0	0	37	105	130	231	176	220	302	267	164	65	18	0	0	0	0	0	0	1714
5	0	0	0	0	0	0	0	14	73	117	109	71	38	40	45	59	15	6	0	0	0	0	0	0	589
6	0	0	0	0	0	0	0	13	41	72	110	147	142	144	189	97	32	4	0	0	0	0	0	0	992
7	0	0	0	0	0	0	0	20	43	54	63	66	60	55	50	43	30	9	0	0	0	0	0	0	492
8	0	0	0	0	0	0	0	24	52	61	67	75	102	189	223	139	94	26	0	0	0	0	0	0	1052
9	0	0	0	0	0	0	0	37	127	186	263	316	352	255	118	52	13	2	0	0	0	0	0	0	1719
10	0	0	0	0	0	0	?	19	72	200	106	147	154	197	231	172	55	20	0	0	0	0	0	0	1373
11	0	0	0	0	0	0	?	21	44	54	59	62	65	68	57	48	34	11	0	0	0	0	0	0	523
12	0	0	0	0	0	0	?	47	158	243	246	201	241	308	259	155	54	8	0	0	0	0	0	0	1920
13	0	0	0	0	0	0	2	18	62	153	222	264	301	187	124	88	63	19	0	0	0	0	0	0	1504
14	0	0	0	0	0	0	5	28	58	71	76	76	76	74	70	58	40	15	0	0	0	0	0	0	646
15	0	0	0	0	0	0	6 ?	37	69	79	136	198	316	337	200	109	52	7	0	0	0	0	0	0	1545
16	0	0	0	0	0	0	8 ?	28	66	87	100	97	88	80	76	66	52	19	0	0	0	0	0	0	766
17	0	0	0	0	0	0	6 ?	26	51	62	70	81	224	285	244	172	81	18	0	0	0	0	0	0	1320
18	0	0	0	0	0	0	6	25	47	57	63	68	70	70	67	60	45	17	0	0	0	0	0	0	594
19	0	0	0	0	0	0	7 ?	29	53	66	75	78	80	79	72	62	46	18	0	0	0	0	0	0	665
20	0	0	0	0	0	0	8 ?	31	53	62	67	69	71	66	66	60	44	17	0	0	0	0	0	0	614
21	0	0	0	0	0	0	9 ?	33	58	72	88	94	96	93	99	98	74	31	0	0	0	0	0	0	843
22	0	0	0	0	0	0	11 ?	46	171	225	255	339	324	155	72	38	22	5	0	0	0	0	0	0	1664
23	0	0	0	0	0	0	2 ?	16	65	164	218	280	254	254	261	196	105	24	0	0	0	0	0	0	1840
24	0	0	0	0	0	0	6 ?	49	154	180	174	272	97	85	126	143	31	13	0	0	0	0	0	0	1330
25	0	0	0	0	0	0	2	20	56	123	243	298	243	228	239	164	111	37	0	0	0	0	0	0	1764
26	0	0	0	0	0	0	13 ?	36	60	70	75	78	79	81	82	69	51	24	0	0	0	0	0	0	718
27	0	0	0	0	0	0	32 ?	89	127	148	204	218	150	369	222	125	70	27	0	0	0	0	0	0	1781
28	0	0	0	0	0	0	9	54	63	197	87	126	266	214	185	145	109	24	0	0	0	0	0	0	1480

Avg	0	0	0	0	0	0	5	30	74	113	136	157	162	164	140	99	53	16	0	0	0	0	0	0	1148
S/D	0	0	0	0	0	0	7	17	38	59	74	93	95	98	78	49	28	9	0	0	0	0	0	0	488
S/A	0	0	0	0	0	0	1.32	0.55	0.51	0.52	0.55	0.59	0.59	0.6	0.56	0.5	0.53	0.54	0	0	0	0	0	0	0.43
Min	0	0	0	0	0	0	0	9	41	53	59	62	38	40	45	38	13	2	0	0	0	0	0	0	492
Max	0	0	0	0	0	0	32	89	171	243	263	339	352	369	267	196	111	37	0	0	0	0	0	0	1920
n	0	0	0	0	0	0	34	324	336	336	336	336	336	336	336	335	335	232	0	0	0	0	0	0	3612

Daylight Data Recovery: 0.0% missing; 0.0% untested; 0.8% exceed the 15% QC threshold -- 3640 total daylight measurements.

Instrument: Eppley PSP Serial Number: 31393F3 Calibration Factor: 7.6820 $\mu\text{V}/\text{W}/\text{m}^2$ Calibration Date: 07/2007

Data & Flag	Hour Column	Day Column
<value> *	> 20% Missing	> 10% Missing
<value> ?	> 20% Fail QC	> 10% Fail QC
<blank> *	> 90% Missing	> 90% Missing
<blank> ?	> 90% Fail QC	> 90% Fail QC

Note: Daily values with a missing flag (*) are not used in monthly statistics.

February 2010

Dry Bulb Temperature (Roof)
Hourly and Daily Averages
Instrument: CSI HMP-35C
Degrees Celsius

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	-3.6	-3.6	-3.6	-3.4	-3.4	-3.5	-3.6	-3.3	-1.6	0.7	2.5	3.5	4.5	5.4	5.5	5.6	5.6	3.8	2.7	1.8	1.1	0.8	0.7	0.6	0.6
2	-0.3	-0.7	0.1	-0.8	-1	0	1	2.1	3	3.2	4.5	5.3	6.1	5.9	5.4	5.4	5.8	6.3	6.8	6.9	7.2	7.1	7.3	7.1	3.9
3	6.8	5	2.5	2.3	2.4	2.9	2.7	2.5	2.2	2.3	2.8	3.8	5	5.6	6.4	7	7.1	6.1	4.9	4.1	3.8	3.4	3.3	3.5	4.1
4	3.6	2.9	1.9	0.4	-0.2	-0.3	0.4	1.2	2.2	3.5	3.9	4.4	4.9	5.3	5.6	5.1	4.3	3.5	2.9	2.6	2.4	2.2	2.2	2.3	2.8
5	2.2	2	2	2.1	2.4	2.7	2.9	2.9	3.8	4.9	6.3	6.7	5.6	4.3	3.8	4.1	4.3	4.6	5.3	6.2	7.3	8.8	9.8	11	4.8
6	11.2	10.6	10.7	10.4	9.2	7.9	6.5	5.3	4.5	3.6	2.9	2.4	1.6	0.7	0.9	0.3	0.1	-0.2	-0.9	-1.2	-1.4	-1.7	-1.8	-2.1	3.3
7	-2.5	-2.6	-2.8	-3	-3.4	-3.6	-3.9	-3.8	-2.9	-2.1	-0.9	-0.3	0.9	1.9	2.9	3.6	3.7	2.4	1.1	0.3	-0.3	-0.7	-1.4	-1.7	-0.8
8	-2	-2.3	-2.6	-2.2	-2.3	-2.7	-3	-3	-2	-0.9	0.6	1.8	3.1	4.1	4.2	4.9	4.9	3.9	2.7	1.9	1.2	0	-0.4	-0.1	0.4
9	-0.8	-1.6	-1.9	-2	-1.6	-1	-1	-0.7	1.6	3.3	4.9	5.4	6.2	6.1	5.7	5.3	4.3	3.7	3.3	4.8	6.6	7.2	6.1	5.4	2.9
10	4.7	4.2	4	4.1	4.1	4.2	3.5	2.8	1.5	-0.1	-0.9	-0.4	0.3	0.5	1.5	1.4	1.5	1.3	1.1	0.9	0.7	0.6	0.6	0.6	1.8
11	0.5	0.3	-0.3	-0.3	-0.4	-0.4	-0.5	-0.3	1.1	2.7	4.2	5.8	6.8	7.8	8.3	8.6	8.6	7.5	6	4.7	3.8	2.8	1.9	1	3.3
12	0.1	-0.1	-0.6	-1.5	-1.7	-1.9	-2	-1.8	-0.1	0.7	1.6	2.8	3.8	3.8	4.2	4	3	1.8	1.3	1	1	1	0.9	0.6	0.9
13	-0.2	-0.8	-0.8	-1.1	-1.2	-1.2	-1.2	-1.1	-1	-0.6	-0.3	-0.5	-0.3	0	0.2	0.1	0.1	-0.2	-0.8	-1.3	-1.5	-0.8	-0.7	-1.5	-0.7
14	-1.9	-2.1	-2.5	-2.9	-3	-3.3	-3.6	-3.4	-1.9	-0.2	1	2.3	3	3.7	4.2	4.8	5.1	4.5	3.1	2.3	1.9	1.6	1.4	1	0.6
15	0.6	0.4	0.2	0.5	0.9	0.8	0.8	1.5	3.5	6.3	8.1	9.9	11.9	13.2	13.1	13.3	13.1	12.8	11.4	10.2	9.5	8.4	7.1	6.2	6.8
16	5	3.4	1.6	0.4	-0.3	-0.5	-0.3	-0.5	0.1	0.9	1.8	2.5	3.6	4.2	4.7	4.9	4.7	3.5	2.3	1.4	0.6	0.1	-0.1	-0.4	1.8
17	-0.8	-1.2	-1.4	-1.9	-2.2	-2.5	-2.9	-2.6	-1.1	0.6	1.7	3.1	3.9	4.1	4.6	4.8	4.7	4	3.4	2.8	2.1	1.6	0.8	0.6	1.1
18	0.4	-0.1	-0.7	-1	-1.1	-1.2	-1.3	-0.5	1.1	3.1	4.8	6.3	7.8	8.9	10	10.4	10.2	9.4	7.5	6.3	5	4.2	3.7	3.2	4
19	2.7	1.7	1	0.8	0.6	0.7	0.2	0.5	2.4	4.4	6.4	8	9	10	11.1	11.6	11.4	10.3	8.6	7.3	6.4	5.3	5.2	4.3	5.4
20	3.6	3	2.1	1.2	0.6	0.1	-0.2	0.1	3	5.9	7.8	9.2	10.6	11.6	12.4	12.9	13	12	10.2	7.8	5.7	4.2	3.2	2.4	5.9
21	2.3	2.4	1.8	2.2	2.4	2.3	1.8	2.3	5.2	8.7	9.8	11.8	12.7	13.3	14.2	15.2	15.4	13.1	10.7	9	8.7	8.1	7.8	7.4	7.9
22	7.3	7.1	6.7	6	5.9	5.3	4.4	5.8	8.8	10.1	11.8	14.1	15.3	14.9	13.8	13.1	12.6	12	10.7	10.9	10.5	10.9	11.4	11.5	10
23	11.6	11.6	10.9	10	8.5	7.7	7.4	6.8	6.6	6.9	7.3	7.7	8.1	8.1	8.7	8.9	9.5	8.8	7.9	7.2	6.7	6.1	6.2	5.4	8.1
24	4.3	3.8	3.4	3	3.6	3.8	4.5	5	5.5	6.2	6.7	7.1	6.7	5.8	5.1	5	4.8	4.3	3.9	3.8	3.7	3.5	3.3	3.2	4.6
25	2.8	1.9	1	1.2	1.6	2	2.2	2.3	2.6	3	4	5.4	5.9	6.4	6.7	6	5.6	5.1	4	2.9	2.4	1.6	0.7	0.2	3.2
26	-0.2	-0.3	-0.4	-0.5	-0.3	-0.3	-0.4	0.1	1.1	2.2	3.4	4.8	6.2	7.2	8.1	8.5	8.6	8	6.8	5.5	4.9	4.3	3.6	3.1	3.5
27	3.2	2.9	1.6	1.1	0.7	0.6	0.8	1.2	2.5	4.5	5.8	6.2	6.7	7	7.7	8.2	8.3	7.9	6.6	5.7	5	4.1	2.4	1.2	4.2
28	0.7	0.1	0.2	-0.1	0.1	0.1	0	0.2	2.8	4.9	6	7	8	8.9	9.7	9.1	9.4	8.8	7.7	6.9	6.2	5.4	4.8	3.1	4.6

Avg	2.2	1.7	1.2	0.9	0.7	0.7	0.5	0.8	1.9	3.2	4.2	5.2	6	6.4	6.7	6.9	6.8	6	5	4.4	4	3.6	3.2	2.8	3.5
SD	3.8	3.7	3.5	3.4	3.2	3.1	2.9	2.8	2.8	3	3.2	3.5	3.7	3.8	3.8	3.9	4	3.8	3.5	3.3	3.3	3.3	3.4	3.5	2.7
S/A	1.71	2.14	2.89	3.84	4.32	4.62	5.41	3.66	1.42	0.93	0.75	0.67	0.61	0.59	0.56	0.57	0.59	0.63	0.69	0.74	0.82	0.92	1.05	1.23	0.75
Min	-3.6	-3.6	-3.6	-3.4	-3.4	-3.6	-3.9	-3.8	-2.9	-2.1	-0.9	-0.5	-0.3	0	0.2	0.1	0.1	-0.2	-0.9	-1.3	-1.5	-1.7	-1.8	-2.1	-0.8
Max	11.6	11.6	10.9	10.4	9.2	7.9	7.4	6.8	8.8	10.1	11.8	14.1	15.3	14.9	14.2	15.2	15.4	13.1	11.4	10.9	10.5	10.9	11.4	11.5	10
n	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	8064

Data Recovery: 0.0% missing; 0.0% untested; 0.0% failed QC -- 8064 total measurements.

Instrument: CSI HMP-35C Serial Number: P0520031 Calibration Factor: 1.00 deg C/mV Calibration Date: 03/1988

Data & Flag	Hour Column	Day Column
<value> *	> 20% Missing	> 10% Missing
<value> ?	> 20% Fail QC	> 10% Fail QC
<blank> *	> 90% Missing	> 90% Missing
<blank> ?	> 90% Fail QC	> 90% Fail QC

Note: Daily values with a missing flag (*) are not used in monthly statistics.

Elizabeth City State University
36.28 N Latitude 76.22 W Longitude 26 Meters AMSL Time Zone -5

February 2010

Relative Humidity (Roof)
Hourly and Daily Averages
Instrument: CSI HMP-35C
Percent

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily	
1	77.1	82.4	86.8	88.2	85.2	84.3	84.5	81.3	72.2	64	60.4	61	57.7	56.9	55.8	50.8	59.9	73.5	81.8	89.1	96.7	100.2	101.8	103.7	77.3	
2	?	?	?	?	?	?	?	103.9	?	100.5	98	90.2	86.3	87	96.2	103.6	?	?	?	?	?	?	?	?	95.7	
3	?	?	?	?	?	?	?	?	?	?	103.4	99.6	94.9	91.3	86.9	83.1	81.2	87.6	92.8	96.1	96	93.9	90.9	89.1	91.9	
4	89.3	92.3	97.4	101.9	?	?	102.3	95.6	85.4	77.5	73.3	68.1	67.2	63.3	60.4	63.4	66.4	68.1	67.3	68.9	65.2	65.2	74.3	80.8	77	
5	84.9	87.1	89.8	91.1	92	92	90.8	90	90.4	88.5	81.6	81.3	93.5	103	?	?	?	?	?	?	?	?	?	?	89.7	
6	?	?	?	?	?	?	?	?	?	?	?	104.7	?	104.5	?	104.7	?	101.8	100.5	98	97.3	99.1	98.1	94.8	92.1	99.5
7	94.9	92.7	93.3	93.4	93.2	93.4	94.3	91.2	87.6	86.9	83.6	79.4	75	71.4	68	67.3	65	70.2	76	80.1	84.4	85.9	89.8	92.2	83.7	
8	93.1	94.9	97.6	95.6	92.4	96.5	93.9	89.7	86	81.6	69.5	58.3	51.8	50.2	50.9	50.1	50.5	53.8	62.2	67.9	71.9	82.1	83.7	82.2	75.3	
9	86.3	91.9	91.6	93.8	85.4	98.7	101.7	98.4	?	79.8	67.8	59.1	57.4	59	64.3	72.8	73.7	87.6	99.3	?	?	?	?	?	81.6	
10	?	?	?	?	?	?	?	101.4	97.8	75.2	67.4	61.6	56.6	54.7	51	52.7	53.1	56.5	58.6	58.2	59.9	61.2	61.8	63.5	64.2	
11	64.8	67.5	71.5	72.1	73.4	73	74.3	75.6	70.8	65.1	61.6	58.1	55.4	52.1	49.8	49.2	50.1	56.4	60.1	66.2	68.1	71	75.5	79.9	65.1	
12	83.9	85	87.9	93	92.4	92.3	91.9	90.9	81.3	75.7	74.6	69.5	64.3	64	62.5	63.9	77	84.7	87.4	87.5	87.7	88.4	89.6	94.9	82.1	
13	101.7	?	?	?	?	?	?	?	?	102.4	101.3	102.9	102.2	96.8	94.6	94.1	94.4	96.1	99.1	101.8	103.3	96.7	87.1	87.5	97.6	
14	86.9	83.8	84.3	86.2	86	87.1	89.8	89.5	82.5	75	70.2	63.8	60.4	59.4	59.7	58.8	58.7	62.4	70.4	73.1	76.2	80.4	83.3	85.1	75.5	
15	86.6	88.2	88.8	87.7	89.4	89.8	90.9	90	85	78.2	76.3	78.4	74	70.1	69.7	65.2	60.8	57.9	68.9	80.9	83	87	92	96.8	80.6	
16	96.2	88	68.8	71.3	72.7	73.6	71.6	70.7	63.7	59.6	56.6	53.2	50.7	48.5	47.5	48.6	50.8	56.5	60	62.2	65.3	68.1	69.3	71	64.4	
17	74	76.4	76.4	79.8	81.6	83.4	86.8	86	80.1	72.9	67.7	62	58.7	56.1	53.2	51.4	52.7	57.7	61.4	65.6	67.5	69.1	73.5	74.8	69.5	
18	75.6	78.1	82.8	85.1	85.8	86.8	87.9	84.9	79.5	70.5	64.6	60.1	55.8	53.2	50	48.6	49.5	53.6	60.4	62.6	69.4	73.2	75.6	78	69.6	
19	80.6	86.1	89.1	90.9	91.6	90.2	91.8	90.3	84.2	75.4	65.9	57.3	53.3	50.1	46.3	42.3	42	45.8	50.3	54.1	57.1	60.8	59.3	62.7	67.4	
20	64.8	64.3	67.7	72.6	74.7	77.3	78.5	78.5	67.5	59.1	44.4	38.3	36.4	31.7	31.3	29.3	30.2	33.4	41.2	54.6	73.4	81.4	88.2	92.1	58.8	
21	88.8	80.8	82.4	76	70.9	68.7	71.2	70	60.2	50.2	50.7	45.3	46	44.8	45.7	46.7	44.7	57.5	67.5	73	74.5	79	81.1	80.8	64.9	
22	80.9	82.4	85.1	89.9	91.6	95.1	99.8	98.7	92.1	91.7	84.2	79.9	80.4	84.3	96.2	104.5	?	?	?	?	?	?	?	?	89.8	
23	?	?	?	?	?	?	?	?	?	?	104	102.3	101.2	101	98.9	96.6	94	96.1	99.2	101	102.2	103.2	96.9	99.3	99.7	
24	102.3	102.9	103.5	103.9	101.7	100.5	94.4	86.4	84	79.5	78.7	78.7	84.9	96.7	102	103.4	103.5	104.9	?	?	?	?	?	?	95.1	
25	?	?	?	?	?	?	?	105	?	104.4	101.6	95.2	80.8	71.6	62.9	61.7	64.9	68.2	68.3	65.9	66.6	65.7	61.7	62.7	74.8	
26	66.9	67.3	68	68.9	68.9	68.1	68.2	68	65.5	62.2	59.9	57.4	54.8	52.5	49.8	48.2	48.2	51.6	56.5	62.8	65.1	67	68.5	65.7	61.7	
27	64.3	68.7	74.2	78.2	82.5	83.3	85	86.1	83.2	74	63.5	62.1	58.3	58.2	55.5	53.3	53.3	54.9	61.6	65.4	64	69.2	80.2	83.6	69.3	
28	86.3	89.3	86.9	88.5	88.6	89.3	91.3	93.1	86.7	77.1	65.5	60.5	56.8	51.1	48.5	50.4	49.1	52.6	56.6	60.6	62.5	65.1	67.4	75.8	70.8	

Avg	83.2	83.3	84.5	86.1	85	86.2	87.6	88.1	82.1	76.4	73.1	70.3	68.3	66.1	65.8	63.9	63.7	67.9	69.7	73.8	76.4	78.6	80.3	82.4	78.3
S D	11.4	10.1	10.2	10	8.9	9.7	9.9	10.2	11.2	13.2	15.7	17.4	18.6	19.7	21.4	20.9	19.8	19.4	16.1	15.1	14.5	13.5	12	11.9	12.5
S/A	0.14	0.12	0.12	0.12	0.1	0.11	0.11	0.12	0.14	0.17	0.22	0.25	0.27	0.3	0.32	0.33	0.31	0.29	0.23	0.21	0.19	0.17	0.15	0.14	0.16
Min	64.3	64.3	67.7	68.9	68.9	68.1	68.2	68	60.2	50.2	44.4	38.3	36.4	31.7	31.3	29.3	30.2	33.4	41.2	54.1	57.1	60.8	59.3	62.7	58.8
Max	102.3	102.9	103.5	103.9	101.7	100.5	102.3	105	104.4	102.4	104	104.7	104.5	103	104.7	104.5	103.5	104.9	99.2	101.8	103.3	103.2	101.8	103.7	99.7
n	261	252	252	248	240	240	252	267	287	299	323	327	330	324	315	303	300	290	276	276	276	276	276	276	6770

Data Recovery: 0.0% missing; 0.0% untested; 16.0% failed QC -- 8064 total measurements.

Instrument: CSI HMP-35C Serial Number: P0520031 Calibration Factor: 0.10 %/mV Calibration Date: 01/1999

Data & Flag	Hour Column	Day Column
<value> *	> 20% Missing	> 10% Missing
<value> ?	> 20% Fail QC	> 10% Fail QC
<blank> *	> 90% Missing	> 90% Missing
<blank> ?	> 90% Fail QC	> 90% Fail QC

Note: Daily values with a missing flag (*) are not used in monthly statistics.

Prepared by: Afshin M. Andreas, NREL

February 2010

Dry Bulb Temperature (CR10)
Hourly and Daily Averages
Instrument: CSI
Degrees Celsius

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	-5.4	-5.5	-5.3	-5.1	-4.9	-4.8	-4.9	-4.7	-1.7	3.3	8.3	11.4	13	13.5	13.2	12	11.2	8.8	4.4	1.9	0.5	-0.2	-0.7	-1.2	2.4
2	-1.5	-2.1	-2.2	-2.3	-2.4	-1.9	-1	0.1	1.3	2.5	3.6	5	6.2	6.5	6.1	5.8	5.8	6.1	6.4	6.7	7	7.3	7.4	7.5	3.2
3	7.5	7.1	5.3	3.7	3.1	3	3.1	3	2.9	3	3.6	5.6	8.3	10	10.7	11.1	10.6	9.2	5.9	3.4	2.2	1.9	1.8	2.1	5.3
4	2.6	2.4	1.2	-0.1	-1	-1.5	-1.6	-1	0.7	3.9	6.6	7.8	9.2	9.5	10.2	9.5	7.7	5.8	4.2	3.3	2.9	2.5	2.2	2	3.7
5	2.1	2.1	2	2	2.1	2.4	2.6	2.8	3.3	4.5	5.9	7	7	5.6	4.6	4.4	4.4	4.5	4.7	5.3	6.2	7.3	8.7	9.8	4.6
6	10.8	11.2	11	11.1	10.7	9.8	8.5	7.2	6.1	5.3	4.6	3.9	3.4	2.5	2	1.8	1.1	0.7	0.2	-0.3	-0.7	-0.9	-1.2	-1.9	4.5
7	-2.8	-3.4	-3.7	-4	-4.3	-4.8	-5.1	-5	-2.5	0.7	3.6	5.6	6.7	7.4	7.9	8.3	8.4	6.7	2.5	-0.3	-1.7	-2.6	-3.1	-3.6	0.5
8	-4.1	-4.3	-4.6	-4.7	-4.5	-4.6	-4.7	-4.4	-1.9	1.6	5.1	7.6	8.9	10	9.6	9.1	9.3	7.7	3.9	1.1	-0.2	-1.5	-2.7	-3.4	1.2
9	-3.7	-4.1	-4.5	-4.7	-4.8	-4.4	-3.2	-2.7	0.2	3.6	7.8	10	10.7	10.5	9.3	8.1	6.6	4.9	4	4	5.1	6.5	7	6.7	3
10	6.1	5.5	5	4.8	4.7	4.7	4.5	3.9	3.2	2.4	2.7	3.6	4	3.9	3.6	4.2	3.9	3.2	1.7	0.9	0.5	0.5	0.5	0.7	3.3
11	0.7	0.7	-0.1	-0.9	-1.1	-1.2	-1.3	-1.1	1.3	4.4	7.2	9.5	11	11.8	12.1	12.2	12.2	11.2	7.7	5	3.4	2.4	1.5	0.6	4.6
12	-0.4	-1.1	-1.6	-2.2	-2.9	-3.2	-3.6	-3.6	-1.6	1.5	3.8	7.1	9.9	10.6	9.8	8.5	6.7	4.4	2.8	1.9	1.4	1.2	1.1	1	2.2
13	0.8	0.3	0	-0.3	-0.5	-0.6	-0.7	-0.7	-0.5	0	1	1.5	1.7	2.3	2.2	1.7	1.4	0.8	-0.7	-2.1	-2.8	-3	-2.4	-2.3	-0.1
14	-2.8	-3.2	-3.4	-3.7	-4.1	-4.3	-4.5	-4.3	-1.8	1.6	4.7	6.9	8	8.3	8.2	8	8.1	7.5	4.6	2.2	1	0.4	0	-0.6	1.5
15	-1.1	-1.6	-1.7	-1.8	-0.9	-0.8	-0.9	-0.5	2.6	7.9	12	14	15.6	16.7	16.5	15.6	14.8	13.9	12.9	11.6	10.4	9.3	8	6.8	7.5
16	5.6	4.2	2.6	0.9	-0.4	-1	-0.8	-0.6	0.6	2.8	4.9	6.2	7.2	7.9	7.9	8	7.8	6.6	4	1.9	0.6	-0.4	-0.9	-1.2	3.1
17	-1.5	-2	-2.4	-2.9	-3.2	-3.6	-4	-3.7	-0.7	2.8	5.9	8.1	9.4	9.3	8.1	7.8	7	5.8	4.6	3.5	2.3	1.4	0.6	0	2.2
18	-0.4	-0.7	-1.3	-1.8	-2.1	-2.2	-2.3	-1.7	1.2	4.6	7.7	10.1	11.8	12.9	13.3	13.9	13.8	12.8	9.8	7	5.3	4.2	3.3	2.8	5.1
19	2.2	1.4	0.6	0	-0.4	-0.6	-0.7	-0.4	2.5	6.2	9.5	12.3	13.8	14.3	14.4	15.1	15.2	14	10.7	7.8	5.9	4.6	3.7	3.2	6.5
20	2.5	1.8	1.1	0	-1	-1.7	-2.2	-1.6	2.6	7.5	11.9	14.5	16.6	17.4	17.3	17.5	17.1	15.8	12.3	8.9	6	3.5	1.6	0.4	7.1
21	-0.4	-0.6	-0.5	-0.7	0	0.4	0.3	0.8	5	11.5	16	18.6	20.3	19.8	19.3	19.5	19.5	18	14.1	10.7	8.8	7.9	6.9	6.3	9.2
22	5.9	5.2	4.3	4.1	4	3.6	3.1	3.7	8	11.6	13.8	15.8	18	18.4	16.9	14.8	13.6	13	12.2	11.5	11.3	11.2	11.4	11.7	10.3
23	11.9	12.1	12	11.4	10.5	9.4	8.6	8.1	7.7	7.9	8.7	9.7	10.6	10.9	11.3	11.7	11.7	11.3	9.1	7.3	6	5.4	5.2	4.6	9.3
24	3.8	3.1	2.4	2	1.9	2.7	3.5	4.4	5.6	7	8.2	8.9	9.5	8.2	7	6.4	6.1	5.4	4.7	4.2	4	3.9	3.8	3.6	5
25	3.5	3.1	2.3	1.7	1.7	1.9	2.1	2.3	2.6	3.2	4.2	6.9	9.2	9.3	9.3	9.2	8.3	7.1	5.7	3.9	2.6	1.8	1	0.2	4.3
26	-0.3	-0.7	-0.9	-1.1	-1.1	-1.1	-1	-0.4	1.8	4	5.8	7.5	8.8	9.7	10.4	11	11.4	11	8.9	6.7	5.2	4.5	3.6	3	4.4
27	2.7	2.6	1.7	0.7	0	-0.2	-0.4	0.8	2.6	6.2	9.1	10.4	11.7	12	11.7	11.7	11.6	10.9	8.5	5.7	4.1	2.7	0.9	-0.5	5.3
28	-1	-1.8	-2.1	-2	-1.4	-0.9	-0.4	-0.2	1.7	7.1	10.3	12.8	13.5	13.7	13.8	13.1	11.8	11.3	9	7.3	5.7	4.5	3.5	2.8	5.5

Avg	1.6	1.1	0.6	0.2	-0.1	-0.2	-0.3	0	1.9	4.6	7	8.9	10.2	10.5	10.2	10	9.6	8.5	6.4	4.7	3.7	3.1	2.6	2.2	4.4
S D	4.3	4.3	4.2	4.1	4	3.8	3.6	3.4	2.8	2.9	3.5	3.9	4.3	4.4	4.4	4.4	4.4	4.3	3.9	3.6	3.5	3.6	3.7	3.9	2.6
S/A	2.75	3.83	6.84	27.12	-49.6	-18.3	-14.6	282.3	1.48	0.64	0.5	0.44	0.42	0.42	0.43	0.44	0.47	0.51	0.61	0.76	0.94	1.15	1.42	1.77	0.58
Min	-5.4	-5.5	-5.3	-5.1	-4.9	-4.8	-5.1	-5	-2.5	0	1	1.5	1.7	2.3	2	1.7	1.1	0.7	-0.7	-2.1	-2.8	-3	-3.1	-3.6	-0.1
Max	11.9	12.1	12	11.4	10.7	9.8	8.6	8.1	8	11.6	16	18.6	20.3	19.8	19.3	19.5	19.5	18	14.1	11.6	11.3	11.2	11.4	11.7	10.3
n	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	8064

Data Recovery: 0.0% missing; 0.0% untested; 0.0% failed QC -- 8064 total measurements.

Instrument: CSI Serial Number: Internal Temp Calibration Factor: N/A Calibration Date: 06/1995

Data & Flag	Hour Column	Day Column
<value> *	> 20% Missing	> 10% Missing
<value> ?	> 20% Fail QC	> 10% Fail QC
<blank> *	> 90% Missing	> 90% Missing
<blank> ?	> 90% Fail QC	> 90% Fail QC

Note: Daily values with a missing flag (*) are not used in monthly statistics.

Elizabeth City State University
36.28 N Latitude 76.22 W Longitude 26 Meters AMSL Time Zone -5

February 2010

Wind Speed
Hourly and Daily Averages
Instrument: NRG MAX-40
Meters per Second

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	1	1.5	1.4	1.7	1.6	1.7	1.4	1.1	1.4	0.9	1.3	1.4	1.5	0.9	1	1.5	1.3	1.2	1.1	1.1	1.1	1.1	0.7	0.9	1.2
2	0.1	0.5	0.6	0.4	0.9	0.9	1.1	1.6	2.2	2.3	2.5	2.8	2.8	2.3	2.2	2.3	2.5	2.3	2.2	1.8	2.1	2	2.1	2.1	1.8
3	2.4	3.2	3.9	3.8	2.9	3	3	2.8	3.3	2.9	3.2	3.6	3.6	3.5	3	2.3	1.6	1.1	0.4	0.5	1.1	1.6	1.6	1.1	2.5
4	1.4	1.1	0.5	0.9	0.9	0.8	2.3	3.8	3.7	4.1	5.2	4.8	4.2	3.2	2.7	2.2	2	2	1.8	2	1.4	1	0.3	0	2.2
5	0.9	0.7	0.6	1.2	2.1	1.4	1	1.1	1.6	2.5	2.3	2.8	3.7	4.9	4.9	5.2	5.6	5.8	7	7.1	7.1	6.4	6.9	6.9	3.7
6	2.4	2.5	1.6	2.8	2.7	3.2	3.5	4.4	4	3.9	4.9	5.2	4.6	4.6	5	5.7	4.2	4.7	4.4	0	0	0	0	0	3.1
7	0	0	0	0	0	0	0	0	0	1.5	2.8	3.2	2.9	2.5	2.1	1.9	1.7	1.4	0.6	0.5	0.4	0.1	0	0	0.9
8	0	0	0	0	0	0	0	0	1.1	2.2	2.4	2.9	2.4	2.1	2.7	2.3	2	1.3	0.3	0.3	0.1	0.2	0	0.2	0.9
9	0.1	0.1	0.1	0	0.2	0.1	0.1	0.6	1	1.8	2.2	3	3.4	3.3	2.8	3.4	3.4	1.9	2.7	2.9	2.6	0.4	0.1	0.1	1.5
10	0.4	0.7	0.6	1.8	2.7	3.8	5.4	6.7	7.1	8.9	8.3	8.1	7.9	8	8.4	7	7.6	6.8	6.8	7.3	7	6.6	5.4	5	5.8
11	5.2	4.8	3.9	4.1	4.1	3.8	3.8	3.2	3.9	5.1	5.2	4.8	4.6	4.1	4.8	4	3.1	2	1.6	1.8	2.1	2.1	2.3	2	3.6
12	2.2	1.7	1.1	1.1	1.6	1.2	0.8	0.6	1.8	3.1	2.4	1.8	1.2	1.4	0.8	0.8	2	1.7	2	1.8	1.6	0.8	1.3	2	1.5
13	2.4	2.2	3.2	3.6	2.8	3.3	3.3	2.9	3.1	3.1	3.3	3.4	2.9	3.3	2.8	3	2.6	1.4	0.9	0.9	1.1	2.9	3.2	2.2	2.7
14	2.5	2.6	2.7	2.6	2.7	2.4	2.8	3	3.6	3.6	3.8	4.2	4.2	4.3	5.1	4.5	3.9	2.6	1.2	1.9	2.1	2.1	1.5	1.1	3
15	0.7	1	0.9	1.3	1.4	1.7	1.3	1.3	1.2	1.8	3	3.9	3.7	3.7	3.3	3.8	3.8	5.7	4.4	3.9	3.7	4.9	5.4	4.1	2.9
16	3.3	3.8	3.6	3.1	3.1	3.5	4.1	4.5	6	6.2	6.4	6.9	5.7	6.3	5.9	6.2	5.5	4.7	3.4	2.7	2.5	3	3.1	3.3	4.4
17	2.8	2.8	2	2.3	2	1.7	1.6	1.8	3.1	3.2	3.5	3.5	4.2	3.7	3.7	4.1	3.8	4	2.8	3.1	3.6	3.6	3	3.7	3.1
18	3.3	2.8	2.7	2.8	2.9	3	2.7	3.4	4.3	4.5	4.5	4.4	4.3	4.3	3.9	3.7	4	2.8	2.4	2.6	3.1	2.9	3.4	3	3.4
19	2.6	2.1	2.7	2.7	2.6	2.9	2.3	2.4	2.8	3.7	3.6	3.7	4.2	4.4	3.7	3.5	3.5	2.3	2.3	1.5	1.4	2	1.4	2	2.8
20	1.7	1.5	1.2	0.7	0.8	0.9	1.1	1.2	1.6	1.6	2.7	2.3	2	2.3	2.2	2.5	2.4	2	1.1	0.7	0.3	0	0	0	1.4
21	0.1	0.4	0.3	1.5	1.7	1.4	1.4	0.9	0.2	0.5	1	1.3	2.2	2.5	2.6	1.7	2.2	2	1.3	2.6	2.2	1.5	1.7	1.9	1.5
22	0.8	0.1	0.5	0.6	0.3	0.4	0.9	1	1.1	1.6	2	2.1	2.8	2.1	0.7	1.9	0.6	2	2.1	1.5	2.3	1.5	1	0.2	1.3
23	1.5	1.6	1.8	2	2.9	1.5	1.9	2.2	2	2.1	3	3.2	3.5	2.8	2.7	3.7	2.8	1.6	1.4	0.6	0.8	2	1.5	0.6	2.1
24	1	0.5	0.9	0.1	0.4	1.1	1.8	2.6	2.4	2.7	2.1	2.6	1.2	0.8	1.7	1.8	1.3	1.7	2.3	1.9	1.5	1.9	1.8	1.2	1.5
25	2.4	2.1	1.5	1.9	1.8	1.9	1.9	2.1	2.5	2.8	2.9	3.7	4.2	3.9	4.1	5.3	5.3	5.1	5.5	4.6	5.7	6.5	5.6	6	3.7
26	6.1	6.8	6.1	6.4	6.4	6.7	6.7	7	7.8	8.3	8.2	8.1	7.5	7.3	7.3	6.4	5.7	5.1	4.8	3	2.4	3.4	4.5	4.7	6.1
27	3.7	2.5	2	2.3	2	1.7	2.2	1.3	2.3	4.6	5.3	4.4	4.9	3.6	3.6	3.6	3.1	2	0.7	1.4	0.7	0.1	0.1	0.4	2.4
28	0.3	0.6	1.1	1.3	1.6	1.7	2.1	1.3	1.6	2.5	2.5	2.8	4.1	4.7	4.3	3.7	3.4	3	2.3	1.2	1.4	1.1	1.9	2	2.2

Avg	1.8	1.8	1.7	1.9	2	2	2.2	2.3	2.7	3.3	3.6	3.7	3.7	3.6	3.5	3.5	3.2	2.9	2.5	2.2	2.2	2.2	2.1	2	2.6	
SD	1.6	1.6	1.5	1.5	1.4	1.5	1.6	1.8	1.9	2	1.8	1.7	1.6	1.7	1.8	1.6	1.6	1.6	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.3
S/A	0.86	0.88	0.86	0.78	0.7	0.73	0.72	0.76	0.69	0.6	0.51	0.46	0.43	0.47	0.51	0.46	0.5	0.57	0.73	0.82	0.84	0.88	0.9	0.95	0.51	
Min	0	0	0	0	0	0	0	0	0	0.5	1	1.3	1.2	0.8	0.7	0.8	0.6	1.1	0.3	0	0	0	0	0	0.9	
Max	6.1	6.8	6.1	6.4	6.4	6.7	6.7	7	7.8	8.9	8.3	8.1	7.9	8	8.4	7	7.6	6.8	7	7.3	7.1	6.6	6.9	6.9	6.1	
n	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	8064	

Data Recovery: 0.0% missing; 0.0% untested; 0.0% failed QC -- 8064 total measurements.

Instrument: NRG MAX-40 Serial Number: 0 Calibration Factor: 0.76171 m/s/mV Calibration Date: 06/1995

Data & Flag	Hour Column	Day Column
<value> *	> 20% Missing	> 10% Missing
<value> ?	> 20% Fail QC	> 10% Fail QC
<blank> *	> 90% Missing	> 90% Missing
<blank> ?	> 90% Fail QC	> 90% Fail QC

Note: Daily values with a missing flag (*) are not used in monthly statistics.

Elizabeth City State University
36.28 N Latitude 76.22 W Longitude 26 Meters AMSL Time Zone -5

February 2010

Wind Direction
Hourly and Daily Averages
Instrument: NRG Vane
Degrees from North

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	211	225	226	229	239	240	247	268	295	319	7	17	73	69	129	128	177	152	131	115	129	123	125	101	184
2	182	92	106	33	21	21	65	90	75	61	62	66	75	73	65	67	73	63	61	60	48	51	33	21	61
3	332	311	313	311	320	319	311	312	318	322	332	322	324	315	315	319	325	295	299	309	332	335	327	307	319
4	318	302	294	253	269	292	328	347	3	9	3	352	356	355	9	359	5	26	42	45	49	45	60	48	359
5	57	55	57	70	73	70	59	58	60	58	64	57	55	63	59	63	66	65	68	72	73	80	82	97	70
6	346	22	259	280	275	275	281	282	282	276	276	284	283	290	296	312	316	314	326	0	0	0	0	0	295
7	0	0	0	0	0	0	0	0	0	335	314	320	317	322	325	316	301	304	286	277	277	282	0	0	315
8	0	0	0	0	0	0	0	0	349	339	321	327	324	307	285	280	283	281	265	260	246	232	267	330	307
9	233	213	134	171	76	78	336	55	100	102	76	86	100	115	87	88	79	58	62	62	119	171	329	278	87
10	278	263	260	257	259	245	263	268	266	267	267	270	272	272	267	272	270	267	268	269	272	276	281	280	269
11	281	279	281	276	275	278	277	279	286	290	295	292	284	295	298	297	289	286	279	269	282	277	269	280	284
12	289	292	269	269	290	292	294	278	332	337	9	27	24	87	92	83	99	101	99	93	86	48	44	35	17
13	29	23	337	339	326	337	337	313	309	305	307	316	297	296	288	288	288	269	234	197	195	249	274	274	307
14	271	264	263	268	266	265	264	263	269	274	274	265	266	255	254	249	249	235	205	193	194	194	191	197	253
15	212	217	203	190	189	190	177	173	148	145	156	165	174	181	185	191	202	208	220	200	212	234	235	242	200
16	266	271	275	271	266	265	268	267	267	266	264	267	265	266	266	266	269	271	276	281	270	264	264	264	268
17	268	268	273	265	270	272	259	256	257	272	259	265	256	267	277	272	270	271	272	259	265	264	259	264	266
18	271	270	266	263	262	263	258	263	267	273	272	276	279	280	283	281	270	271	281	277	264	259	263	268	271
19	270	272	269	268	270	275	279	270	270	274	269	287	278	276	289	294	279	287	286	282	268	269	265	256	276
20	268	279	286	286	290	277	265	270	316	333	320	321	284	301	268	272	261	259	250	33	33	0	26	216	288
21	236	222	238	261	279	294	309	305	292	136	195	179	167	192	206	190	240	160	131	166	187	181	181	191	200
22	189	188	146	157	176	148	101	103	98	95	87	75	93	106	107	189	188	99	97	92	98	116	127	109	
23	258	275	290	293	309	306	302	289	294	291	290	294	297	288	288	287	293	291	273	272	283	276	303	287	290
24	278	300	282	310	315	262	328	342	12	21	33	63	65	93	81	69	49	45	41	32	0	348	335	319	17
25	311	308	311	305	310	300	299	291	291	297	299	288	292	285	281	272	264	257	265	259	261	265	267	264	278
26	258	260	250	257	254	252	251	252	257	261	257	260	257	261	263	265	271	272	270	273	272	269	269	273	260
27	284	268	246	231	232	258	262	224	237	258	272	278	261	265	250	254	255	266	272	300	299	339	181	249	261
28	101	267	249	249	258	265	277	293	290	302	310	300	266	272	284	293	298	288	288	280	289	282	284	257	282

Avg	282	280	274	272	275	274	279	280	286	292	292	294	283	280	280	280	278	275	285	268	260	265	270	267	280
n	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	8064

Data Recovery: 0.0% missing; 0.0% untested; 0.0% failed QC -- 8064 total measurements.

Instrument: NRG Vane Serial Number: 0 Calibration Factor: 0.1408 deg/mV Calibration Date: 06/1995

Data & Flag	Hour Column	Day Column
<value> *	> 20% Missing	> 10% Missing
<value> ?	> 20% Fail QC	> 10% Fail QC
<blank> *	> 90% Missing	> 90% Missing
<blank> ?	> 90% Fail QC	> 90% Fail QC

Note: Daily values with a missing flag (*) are not used in monthly statistics.

Elizabeth City State University
36.28 N Latitude 76.22 W Longitude 26 Meters AMSL Time Zone -5

February 2010

Peak Wind Speed (1-Minute Gust)
Hourly and Daily Averages
Instrument: NRG MAX-40
Meters per Second

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	1.7	2.6	2.4	2.7	2.6	2.7	2.2	2.4	3	2.2	2.6	2.7	2.8	2	2.1	2.4	2.3	2	1.8	1.7	1.7	1.8	1.1	1.2	2.2
2	0.5	0.7	0.9	0.6	1.4	1.4	1.7	2.6	3.5	3.8	4	4.6	4.4	3.7	3.5	3.7	3.9	4.1	3.9	3.3	3.5	3.5	3.6	3.3	2.9
3	4	6.2	7.4	7.6	6.1	6.1	6.6	6	6.6	5.9	6	6.4	6.7	6.9	5.7	4.8	3.4	2.6	1.1	1.2	1.9	2.5	2.6	2.2	4.9
4	2.7	2.5	1.3	1.3	1.6	1.7	3.6	5.7	6.7	7.3	8.7	7.9	6.8	5.8	4.6	3.8	3.3	3.3	2.8	2.9	2.5	1.8	0.9	0.2	3.7
5	1.5	1.5	1.4	2	3.4	2.5	1.8	1.8	2.7	4.3	4	5	5.9	8	8.2	8.9	9.2	9.7	11.3	11.9	11.8	10.2	11.8	11	6.2
6	4.9	4.2	3.1	5.9	5.5	6.4	7.2	8.5	8.3	8	10	9.9	9.3	9.4	9.8	11.1	9	9.1	8.9	0	0	0	0	0	6.2
7	0	0	0	0	0	0	0	0	0	2.8	5.7	6.2	5.7	5	4.4	3.8	3.7	3	1.5	1.4	1.3	0.4	0	0	1.9
8	0	0	0	0	0	0	0	0	2.5	4	4.6	5.4	4.7	4.7	5.3	5	4.2	2.6	0.6	0.8	0.3	0.4	0.3	0.5	1.9
9	0.3	0.3	0.3	0.1	0.4	0.6	0.2	1.2	2.1	3	3.6	4.7	5.2	4.8	4.6	5.7	5.5	3.2	4.6	6.2	4.8	1.2	0.7	0.7	2.7
10	1.5	1.7	1.8	3.5	4.9	7	9.7	12.7	13.1	15.2	15.2	15.2	14.9	15.2	15.5	12.9	14.1	12.2	12	13.5	13.5	12.7	10.9	9.4	10.8
11	10.7	9.8	7.8	8.1	8	7.3	7.3	6.2	7.7	10.6	10.4	10.1	9.3	8.6	9.3	8.4	6.7	4	3.3	3	4	3.9	4	4	7.2
12	4.2	3.3	2	1.9	2.9	2.4	1.9	1.6	3.9	5.5	4.6	3.4	2.8	2.5	1.9	1.9	3.4	2.8	3.1	3	2.7	1.7	2.2	3.6	2.9
13	4.4	3.8	5.8	5.8	5.1	5.8	5.7	5.8	6.7	6.9	6.4	6.6	6.5	6.3	5.6	6.3	5.4	2.9	1.7	1.7	2	4.9	6.1	4.3	5.1
14	4.4	4.3	4.6	4.4	4.6	4.2	4.6	5.1	6.3	6.8	7.3	7.7	8	7.8	8.3	7.5	6.6	4.6	2.2	2.8	3	2.9	2.2	1.9	5.1
15	1.6	2	1.8	2.2	2.4	2.8	2.2	2.3	2	3.1	5.2	6.4	6.2	6.2	5.5	7	6.8	10.6	8.3	7	6.7	8.1	9.1	7.2	5.1
16	5.8	7.6	7.2	5.7	5.6	5.9	7.6	7.8	10.5	11	11.7	12.7	10.5	11.4	10.5	11.3	10.1	8.7	6.9	5.5	4.7	4.8	5.1	5.7	8.1
17	4.7	4.6	4	3.6	3.7	3.1	2.6	3.1	5.4	5.9	6.1	6.1	7.6	6.7	7.2	7.8	7.2	7.4	5.5	5	6.2	6	5.2	6.1	5.5
18	5.8	4.8	4.6	4.6	4.8	5.2	4.4	5.9	7.9	8.8	8.5	8.3	8.2	8.4	7.9	7.9	7.4	5.1	5	4.8	5.1	4.9	5.8	5.9	6.3
19	4.6	3.6	4.2	4.4	4.5	5.4	4.4	4.6	5.6	6.6	6.8	7.3	7.7	8.4	7.6	7	7.1	5	4.4	3	2.4	3.1	2.6	2.9	5.1
20	2.6	3	1.9	1.4	1.4	1.6	1.7	1.9	3.6	3.4	5	4.7	3.9	4.7	4.6	4.9	4.5	3.3	1.8	1.5	0.5	0	0.1	0.1	2.6
21	0.3	0.8	0.7	2.3	2.8	2.5	2.3	2.1	0.6	1.3	2.1	2.7	4	4.7	4.8	3.2	3.9	3.2	2	4.2	3.5	2.5	2.8	3.1	2.6
22	1.6	0.5	0.9	1.3	1.1	0.9	1.2	1.5	2	2.6	3.3	3.2	4.5	3.4	1.7	3.5	1.6	3.2	3.7	3	3.9	3	2.1	1	2.3
23	2.9	3.7	3.8	5.1	5.8	3.7	5	5	4.6	5.2	6.3	6.1	6.8	5.7	6.1	7.3	6.2	3.7	3.1	1.6	2.1	4.2	3.8	1.9	4.6
24	2.3	1.6	2	0.5	1.1	2.1	3.2	4.7	4.2	4.4	3.7	4.3	2.6	1.9	2.7	3.3	2.7	3.1	4.2	3.9	3.2	3.9	4	3.2	3
25	5	5.2	3.8	4.7	4.6	4.8	4.9	5.2	5	6.3	7	7.7	9.1	7.9	8.7	10.4	9.1	8.8	9.2	8.2	10.1	11	9.9	10.4	7.4
26	10.2	11.6	10.5	11.1	10.8	11.7	10.8	12.1	13.5	14.8	14.3	14.3	13.2	13.3	12.9	12.3	11.1	9.8	8.3	5.3	4.6	6	8.3	8.8	10.8
27	7	4.5	3.3	3.7	3.2	3.1	3.8	2.4	3.8	7.7	9.7	8.6	8.6	6.7	6.9	6.3	5.5	4.1	1.5	2.4	1.6	0.3	0.3	1	4.4
28	0.7	1	1.6	2	2.3	2.7	3.8	3.1	3.7	5.3	5.1	5.3	7.6	8.9	8.3	7.6	7	6	4.5	2.5	2.9	2.3	4	3.1	4.2

Avg	3.4	3.4	3.2	3.4	3.6	3.7	3.9	4.3	5.2	6.2	6.7	6.9	6.9	6.8	6.6	6.6	6.1	5.3	4.5	4	4	3.9	3.9	3.7	4.8
S/D	2.8	2.8	2.6	2.7	2.5	2.6	2.8	3.2	3.3	3.5	3.3	3.2	2.9	3.2	3.2	3	2.9	2.9	3.1	3.1	3.3	3.3	3.4	3.3	2.4
S/A	0.82	0.84	0.82	0.78	0.69	0.71	0.71	0.74	0.64	0.56	0.49	0.46	0.43	0.47	0.49	0.46	0.48	0.56	0.69	0.79	0.82	0.86	0.88	0.89	0.5
Min	0	0	0	0	0	0	0	0	0	1.3	2.1	2.7	2.6	1.9	1.7	1.9	1.6	2	0.6	0	0	0	0	0	1.9
Max	10.7	11.6	10.5	11.1	10.8	11.7	10.8	12.7	13.5	15.2	15.2	15.2	14.9	15.2	15.5	12.9	14.1	12.2	12	13.5	13.5	12.7	11.8	11	10.8
n	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	8064

Data Recovery: 0.0% missing; 0.0% untested; 0.0% failed QC -- 8064 total measurements.

Instrument: NRG MAX-40 Serial Number: 0 Calibration Factor: 0.76171 m/s/mV Calibration Date: 06/1995

Data & Flag	Hour Column	Day Column
<value> *	> 20% Missing	> 10% Missing
<value> ?	> 20% Fail QC	> 10% Fail QC
<blank> *	> 90% Missing	> 90% Missing
<blank> ?	> 90% Fail QC	> 90% Fail QC

Note: Daily values with a missing flag (*) are not used in monthly statistics.

Elizabeth City State University
36.28 N Latitude 76.22 W Longitude 26 Meters AMSL Time Zone -5

February 2010

Station Pressure
Hourly and Daily Averages
Instrument: Viasala PTA-427
Millibars

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	1023	1023	1024	1024	1024	1025	1025	1026	1026	1027	1027	1027	1026	1025	1025	1025	1025	1024	1024	1025	1025	1025	1024	1023	1025
2	1023	1023	1023	1022	1022	1021	1021	1021	1021	1021	1020	1019	1017	1017	1016	1015	1014	1013	1013	1013	1012	1011	1010	1010	1017
3	1009	1010	1010	1011	1012	1013	1014	1015	1016	1017	1017	1017	1017	1017	1017	1018	1018	1019	1020	1021	1021	1022	1023	1023	1016
4	1023	1023	1023	1024	1025	1025	1026	1026	1027	1028	1028	1027	1027	1026	1026	1026	1027	1027	1028	1028	1027	1027	1027	1027	1026
5	1026	1025	1025	1025	1023	1023	1023	1022	1022	1022	1022	1021	1020	1018	1016	1014	1011	1010	1008	1005	1002	999	995	992	1015
6	990	987	987	988	989	990	990	991	992	992	993	994	994	995	996	998	999	1001	1003	1004	1006	1007	1008	1008	996
7	1009	1009	1009	1010	1010	1011	1012	1013	1013	1014	1014	1014	1014	1013	1013	1013	1013	1014	1014	1015	1015	1015	1016	1016	1013
8	1016	1016	1016	1017	1017	1018	1018	1019	1019	1020	1020	1020	1019	1019	1018	1018	1019	1019	1019	1020	1019	1020	1020	1020	1019
9	1020	1020	1020	1020	1020	1019	1019	1019	1019	1019	1019	1018	1016	1015	1013	1011	1010	1009	1007	1005	1004	1003	1001	1000	1014
10	998	997	996	994	994	994	994	994	995	995	996	995	995	994	994	994	994	995	995	996	997	998	999	1000	995
11	1000	1001	1002	1003	1004	1004	1005	1006	1007	1007	1007	1007	1007	1007	1006	1006	1007	1008	1008	1009	1010	1010	1010	1010	1006
12	1011	1011	1012	1012	1012	1012	1013	1013	1014	1014	1014	1013	1012	1011	1010	1010	1010	1010	1009	1009	1009	1008	1008	1006	1011
13	1005	1004	1003	1002	1002	1001	1001	1002	1002	1002	1003	1004	1004	1003	1004	1004	1004	1005	1005	1006	1006	1006	1007	1007	1004
14	1007	1008	1008	1008	1008	1009	1009	1010	1010	1010	1010	1010	1009	1009	1008	1008	1008	1009	1010	1010	1011	1011	1011	1011	1009
15	1011	1011	1011	1011	1011	1011	1011	1011	1011	1011	1010	1010	1009	1007	1006	1005	1004	1004	1003	1003	1003	1002	1002	1002	1007
16	1002	1002	1003	1003	1003	1003	1004	1004	1004	1005	1005	1005	1004	1004	1004	1004	1004	1005	1006	1007	1007	1008	1008	1008	1005
17	1008	1008	1007	1007	1007	1007	1007	1007	1007	1008	1007	1007	1006	1005	1004	1004	1004	1004	1004	1005	1005	1005	1006	1006	1006
18	1006	1006	1006	1006	1006	1007	1007	1008	1009	1009	1009	1009	1008	1008	1007	1007	1008	1008	1009	1010	1010	1011	1011	1012	1008
19	1012	1012	1012	1012	1013	1013	1014	1014	1015	1015	1015	1015	1014	1013	1013	1013	1013	1014	1015	1016	1016	1016	1017	1017	1014
20	1017	1017	1017	1017	1017	1018	1018	1019	1019	1019	1019	1018	1018	1017	1016	1016	1016	1016	1017	1017	1017	1017	1017	1017	1017
21	1017	1017	1017	1017	1017	1017	1018	1018	1019	1019	1019	1018	1017	1016	1015	1015	1014	1015	1014	1014	1015	1015	1014	1014	1016
22	1014	1014	1013	1012	1012	1012	1011	1011	1011	1010	1009	1009	1008	1007	1006	1006	1005	1004	1004	1003	1003	1003	1002	1002	1008
23	1002	1001	1001	1000	1001	1001	1002	1002	1003	1003	1003	1003	1003	1003	1003	1003	1004	1004	1005	1005	1005	1007	1006	1006	1003
24	1007	1007	1007	1007	1008	1009	1009	1009	1009	1009	1010	1009	1008	1008	1008	1007	1007	1006	1005	1005	1005	1004	1004	1004	1007
25	1003	1002	1001	1001	1001	1001	1000	1001	1001	1001	1001	1001	1001	1000	1000	1000	1000	1000	1001	1001	1002	1002	1002	1001	
26	1001	1000	1000	999	999	1000	1000	1000	1000	1000	1000	999	999	999	999	999	999	1000	1001	1001	1002	1003	1003	1000	
27	1003	1003	1002	1002	1003	1003	1003	1003	1004	1003	1003	1003	1003	1002	1002	1002	1002	1003	1004	1004	1004	1004	1003	1003	1003
28	1003	1002	1002	1002	1002	1003	1003	1004	1004	1004	1005	1005	1005	1004	1003	1003	1004	1004	1005	1006	1007	1008	1009	1010	1004

Avg	1009	1009	1009	1009	1009	1010	1010	1010	1011	1011	1011	1010	1010	1009	1009	1009	1009	1009	1009	1009	1009	1009	1009	1009	1010
SD	9	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8
S/A	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Min	990	987	987	988	989	990	990	991	992	992	993	994	994	994	994	994	994	995	995	996	997	998	995	992	
Max	1026	1025	1025	1025	1025	1025	1026	1026	1027	1028	1028	1027	1027	1026	1026	1026	1027	1027	1028	1028	1027	1027	1027	1027	
n	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	8064	

Data Recovery: 0.0% missing; 0.0% untested; 0.0% failed QC -- 8064 total measurements.

Instrument: Viasala PTA-427 Serial Number: 493926 Calibration Factor: 0.104 mBar/mV + 800 mBar Calibration Date: 06/1995

Data & Flag	Hour Column	Day Column
<value> *	> 20% Missing	> 10% Missing
<value> ?	> 20% Fail QC	> 10% Fail QC
<blank> *	> 90% Missing	> 90% Missing
<blank> ?	> 90% Fail QC	> 90% Fail QC

Note: Daily values with a missing flag (*) are not used in monthly statistics.

Elizabeth City State University
36.28 N Latitude 76.22 W Longitude 26 Meters AMSL Time Zone -5

February 2010

Battery Voltage (CR10)
Hourly and Daily Averages
Instrument: CSI
Volts DC

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	12.7	12.7	12.7	12.7	12.7	12.7	12.7	13.7	14	13.8	13.7	13.6	13.6	13.5	13.6	13.6	13.7	13.2	12.9	12.9	12.8	12.8	12.8	12.8	13.2
2	12.8	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.9	13	13.2	13.4	13.5	13.3	13	13	12.8	12.8	12.8	12.7	12.7	12.7	12.7	12.7	12.9
3	12.7	12.7	12.7	12.6	12.6	12.6	12.6	12.6	12.6	13	13.8	13.8	13.7	13.6	13.6	13.6	13.6	13.1	12.9	12.9	12.8	12.8	12.8	12.8	13
4	12.8	12.8	12.8	12.7	12.7	12.7	12.7	13	13.9	13.8	13.8	13.7	13.7	13.7	13.7	13.7	13.3	13	12.9	12.9	12.8	12.8	12.8	12.8	13.1
5	12.8	12.8	12.8	12.7	12.7	12.7	12.7	12.7	12.9	13.3	13.3	13.2	12.9	12.8	12.8	12.9	12.7	12.7	12.6	12.6	12.6	12.6	12.6	12.6	12.8
6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.7	13.1	13.5	13.6	13.7	13.9	13.4	13	12.9	12.8	12.8	12.8	12.7	12.7	12.6	12.9
7	12.6	12.5	12.5	12.5	12.4	12.4	12.4	13.7	14	13.9	13.8	13.8	13.7	13.7	13.7	13.7	13.7	13.2	12.9	12.9	12.8	12.8	12.8	12.8	13.1
8	12.7	12.7	12.7	12.7	12.7	12.7	12.7	13.7	14	13.9	13.8	13.7	13.7	13.7	13.7	13.7	13.7	13.1	12.9	12.9	12.8	12.8	12.8	12.8	13.2
9	12.7	12.7	12.7	12.7	12.7	12.7	12.7	13.6	13.9	13.8	13.7	13.7	13.7	13.7	13.6	13.2	12.9	12.9	12.9	12.9	12.8	12.8	12.8	12.8	13.1
10	12.8	12.8	12.8	12.7	12.7	12.7	12.7	12.6	13.8	13.9	13.8	13.7	13.7	13.6	13.6	13.6	13.6	13.2	12.9	12.9	12.9	12.8	12.8	12.8	13.2
11	12.8	12.8	12.7	12.7	12.7	12.7	12.7	13.5	14	13.9	13.8	13.7	13.7	13.7	13.7	13.8	13.2	12.9	12.9	12.9	12.8	12.8	12.8	12.8	13.2
12	12.8	12.8	12.7	12.7	12.7	12.7	12.7	12.6	12.6	12.9	13.9	14	14	13.9	13.9	13.7	13.4	13.2	12.9	12.9	12.8	12.8	12.8	12.7	13.1
13	12.8	12.7	12.7	12.7	12.7	12.7	12.6	12.6	12.9	13.9	14	14	13.9	13.9	13.7	13.4	13.2	12.9	12.9	12.8	12.8	12.8	12.8	12.7	13.1
14	12.7	12.6	12.6	12.6	12.6	12.6	12.6	13.9	14	13.9	13.8	13.7	13.7	13.7	13.7	13.8	13.8	13.3	12.9	12.9	12.9	12.8	12.8	12.8	13.2
15	12.8	12.8	12.8	12.8	12.7	12.7	12.7	13.5	13.9	13.7	13.6	13.6	13.5	13.5	13.5	13.4	13.2	13	12.9	12.9	12.9	12.8	12.8	12.8	13.1
16	12.8	12.8	12.7	12.7	12.7	12.7	12.7	13.2	13.9	13.9	13.8	13.8	13.8	13.7	13.7	13.8	13.8	13.1	12.9	12.9	12.9	12.8	12.8	12.8	13.2
17	12.8	12.8	12.7	12.7	12.7	12.6	12.6	14	14	13.9	13.8	13.7	13.7	13.7	13.8	13.8	13.5	13	12.9	12.9	12.9	12.8	12.8	12.8	13.2
18	12.8	12.8	12.7	12.7	12.7	12.6	12.6	13.9	13.9	13.8	13.7	13.7	13.6	13.6	13.6	13.6	13.6	13.2	13	12.9	12.9	12.9	12.8	12.8	13.2
19	12.8	12.8	12.8	12.7	12.7	12.7	12.7	13.9	13.9	13.8	13.7	13.6	13.6	13.6	13.6	13.5	13.6	13.2	13	12.9	12.9	12.9	12.8	12.8	13.2
20	12.8	12.8	12.8	12.7	12.7	12.7	12.7	13.9	13.8	13.7	13.6	13.5	13.5	13.5	13.5	13.5	13.5	13.2	13	12.9	12.9	12.8	12.8	12.8	13.1
21	12.8	12.7	12.7	12.7	12.7	12.7	12.7	13.8	13.8	13.6	13.5	13.4	13.4	13.4	13.4	13.4	13.4	13.2	13	12.9	12.9	12.9	12.8	12.8	13.1
22	12.8	12.8	12.8	12.7	12.7	12.7	12.7	13.7	13.7	13.6	13.6	13.5	13.5	13.5	13.2	13	13	12.9	12.9	12.9	12.9	12.8	12.8	12.8	13.1
23	12.8	12.8	12.8	12.7	12.7	12.7	12.7	12.7	12.8	13.5	13.7	13.7	13.7	13.7	13.6	13.7	13.6	13.1	13	12.9	12.9	12.9	12.9	12.8	13.1
24	12.8	12.8	12.8	12.7	12.7	12.7	12.7	13.1	13.6	13.7	13.6	13.7	13.4	13.4	13.7	13.7	13.1	12.9	12.9	12.9	12.8	12.8	12.8	12.8	13.1
25	12.8	12.7	12.7	12.6	12.6	12.6	12.6	12.6	12.7	13.3	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.2	13	12.9	12.9	12.9	12.8	12.8	13.1
26	12.8	12.8	12.8	12.7	12.7	12.7	12.7	14	13.9	13.8	13.8	13.7	13.7	13.7	13.7	13.7	13.7	13.3	13	12.9	12.9	12.9	12.9	12.9	13.2
27	12.8	12.8	12.8	12.8	12.7	12.7	12.8	13.9	13.9	13.8	13.7	13.7	13.6	13.6	13.7	13.7	13.7	13.3	13	12.9	12.9	12.9	12.8	12.8	13.2
28	12.8	12.8	12.8	12.7	12.7	12.7	12.7	13.1	13.9	13.7	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.2	13	12.9	12.9	12.9	12.9	12.8	13.2

Avg	12.8	12.7	12.7	12.7	12.7	12.7	12.7	13.4	13.6	13.7	13.7	13.6	13.6	13.6	13.6	13.5	13.4	13.1	12.9	12.9	12.8	12.8	12.8	12.8	13.1
S D	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
S/A	0	0	0.01	0	0	0	0	0.04	0.04	0.02	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0	0	0	0	0	0.01
Min	12.6	12.5	12.5	12.5	12.4	12.4	12.4	12.6	12.6	12.7	13.1	13.2	12.9	12.8	12.8	12.9	12.7	12.7	12.7	12.6	12.6	12.6	12.6	12.6	12.8
Max	12.8	12.8	12.8	12.8	12.7	12.7	12.8	14	14	13.9	14	14	13.9	13.9	13.9	13.9	13.9	13.3	13	12.9	12.9	12.9	12.9	12.9	13.2
n	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	336	8064

Data Recovery: 0.0% missing; 0.0% untested; 0.0% failed QC -- 8064 total measurements.

Instrument: CSI Serial Number: Battery Calibration Factor: N/A Calibration Date: 06/1995

Data & Flag	Hour Column	Day Column
<value> *	> 20% Missing	> 10% Missing
<value> ?	> 20% Fail QC	> 10% Fail QC
<blank> *	> 90% Missing	> 90% Missing
<blank> ?	> 90% Fail QC	> 90% Fail QC

Note: Daily values with a missing flag (*) are not used in monthly statistics.