

February 2005

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	23	104	182	213	295	413	217	240	182	81	14	0	0	0	0	0	0	1962
2	0	0	0	0	0	0	0	49	218	402	537	639	658	615	500	334	104	16	0	0	0	0	0	0	4073
3	0	0	0	0	0	0	0	16	88	121	145	112	105	123	51 ?	39 ?	12 ?	8	0	0	0	0	0	0	820 ?
4	0	0	0	0	0	0	0	33	131	261	168	145	120	152	172	140	60	16	0	0	0	0	0	0	1398
5	0	0	0	0	0	0	0	50	228	414	555	643	671	627	511	343	155	28	0	0	0	0	0	0	4226
6	0	0	0	0	0	0	0	54	234	421	566	657	679	631	523	362	163	20	0	0	0	0	0	0	4309
7	0	0	0	0	0	0	0	11	50	104	167	283	675	634	526	375	161	25	0	0	0	0	0	0	3012
8	0	0	0	0	0	0	0	19	92	302	577	657	669	628	503	298	177	22	0	0	0	0	0	0	3944
9	0	0	0	0	0	0	0	29	88	161	153	159	249	246	158	83	21	3	0	0	0	0	0	0	1350
10	0	0	0	0	0	0	1	34	104	327	261	312	306	338	222	95	51	4	0	0	0	0	0	0	2056
11	0	0	0	0	0	0	3	67	264	459	606	696	718	655	514	330	155	42	0	0	0	0	0	0	4510
12	0	0	0	0	0	0	4	66	252	438	587	678	702	655	544	380	184	36	0	0	0	0	0	0	4524
13	0	0	0	0	0	0	6	74	260	440	590	675	703	630	304	275	61	16	0	0	0	0	0	0	4034
14	0	0	0	0	0	0	0	10	43	79	84	163	191	95	45 ?	37 ?	14 ?	2	0	0	0	0	0	0	763 ?
15	0	0	0	0	0	0	8	77	193	345	621	684	714	643	517	327	142	29	0	0	0	0	0	0	4302
16	0	0	0	0	0	0	3	31	171	357	326	442	473	550	458	227	89	23	0	0	0	0	0	0	3149
17	0	0	0	0	0	0	3	76	280	446	574	537	597	365	199	286	184	41	0	0	0	0	0	0	3588
18	0	0	0	0	0	0	7	86	282	473	458	463	537	586	463	422	212	48	0	0	0	0	0	0	4036
19	0	0	0	0	0	0	5	93	294	484	629	721	744	677	568	408	208	40	0	0	0	0	0	0	4870
20	0	0	0	0	0	0	4	33	144	282	410	471	447	286	212	118	39	11	0	0	0	0	0	0	2456
21	0	0	0	0	0	0	5	71	131	219	302	189	119	127	132	123	32	15	0	0	0	0	0	0	1464
22	0	0	0	0	0	0	4	31	74	230	224	411	313	332	243	147	98	41	0	0	0	0	0	0	2149
23	0	0	0	0	0	0	3	24	103	355	545	731	747	657 ?	570	391	208	50	0	0	0	0	0	0	4384
24	0	0	0	0	0	0	0	3 ?	?	?	69	58	54	66 ?	51	37 ?	?	5	0	0	0	0	0	0	342 ?
25	0	0	0	0	0	0	3	17	69	95	119	381	401	199	134	97	34	7	0	0	0	0	0	0	1556
26	0	0	0	0	0	0	21	118 ?	356	510	660	748	773	724	606	433	229	49	0	0	0	0	0	0	5226
27	0	0	0	0	0	0	8	74	198	376	433	480	475	411	323	179	72	16	0	0	0	0	0	0	3045
28	0	0	0	0	0	0	1	17	62	84	187	206	193	134	107	42 ?	28	9	0	0	0	0	0	0	1072

Avg	0	0	0	0	0	0	3	46	167	310	384	451	480	429	336	233	110	23	0	0	0	0	0	0	2951
S D	0	0	0	0	0	0	4	30	89	138	202	225	236	227	191	136	71	15	0	0	0	0	0	0	1461
S/A	0	0	0	0	0	0	1.36	0.65	0.53	0.45	0.53	0.5	0.49	0.53	0.57	0.58	0.64	0.67	0	0	0	0	0	0	0.5
Min	0	0	0	0	0	0	0	3	43	79	69	58	54	66	45	37	12	2	0	0	0	0	0	0	342
Max	0	0	0	0	0	0	21	118	356	510	660	748	773	724	606	433	229	50	0	0	0	0	0	0	5226
n	0	0	0	0	0	0	52	321	320	324	334	332	334	317	322	317	313	233	0	0	0	0	0	0	3521

Daylight Data Recovery: 0.0% missing; 3.3% exceed the 15% QC threshold -- 3642 total daylight measurements.

Instrument: Eppley PSP Serial Number: 31256F3 Calibration Factor: 7.561 $\mu\text{V}/\text{W}/\text{m}^2$ Calibration Date: 08/2003

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 2005

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	1	1	0	0	38	0	14	25	80	0	0	0	0	0	0	0	160
2	0	0	0	0	0	0	0	254	662	809	839	885	916	921	870	774	257	0	0	0	0	0	0	0	7186
3	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	11	26	137	0	0	0	0	0	2	0	0	0	0	0	0	0	0	176
5	0	0	0	0	0	0	0	298	681	827	887	923	939	921	863	762	593	229	0	0	0	0	0	0	7922
6	0	0	0	0	0	0	0	327	706	849	913	948	953	933	901	834	598	63	0	0	0	0	0	0	8025
7	0	0	0	0	0	0	0	0	0	0	0	6	812	904	864	732	580	202	0	0	0	0	0	0	4099
8	0	0	0	0	0	0	0	0	0	241	913	925	884	915	832	476	516	150	0	0	0	0	0	0	5850
9	0	0	0	0	0	0	0	0	0	2	0	1	6	3	0	0	0	0	0	0	0	0	0	0	12
10	0	0	0	0	0	0	0	1	5	262	145	117	67	149	51	0	0	0	0	0	0	0	0	0	796
11	0	0	0	0	0	0	0	331	700	864	934	963	971	856	657	583	335	158	0	0	0	0	0	0	7354
12	0	0	0	0	0	0	0	277	594	771	866	913	930	914	877	801	623	252	0	0	0	0	0	0	7817
13	0	0	0	0	0	0	1	333	646	756	870	859	787	579	55	188	0	1	0	0	0	0	0	0	5074
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	8	112	157	259	796	869	913	824	694	428	149	17	0	0	0	0	0	0	5227
16	0	0	0	0	0	0	0	4	180	415	180	136	184	363	420	124	16	2	0	0	0	0	0	0	2024
17	0	0	0	0	0	0	0	224	597	671	537	239	402	63	0	288	468	182	0	0	0	0	0	0	3670
18	0	0	0	0	0	0	30	305	588	740	430	230	386	546	499	802	636	306	0	0	0	0	0	0	5496
19	0	0	0	0	0	0	23	284	564	737	830	887	894	810	802	725	529	83	0	0	0	0	0	0	7168
20	0	0	0	0	0	0	0	0	16	41	42	132	29	1	0	0	0	0	0	0	0	0	0	0	261
21	0	0	0	0	0	0	1	11	10	12	39	1	0	0	1	2	0	0	0	0	0	0	0	0	76
22	0	0	0	0	0	0	0	0	0	2	0	10	1	1	0	0	28	55	0	0	0	0	0	0	98
23	0	0	0	0	0	0	0	0	0	155	401	763	782	660 ?	647	645	532	221	0	0	0	0	0	0	4806
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	179	212	3	0	0	0	0	0	0	0	0	0	0	394
26	0	0	0	0	0	0	102	370 ?	709	816	864	879	894	883	837	773	613	232	0	0	0	0	0	0	7972
27	0	0	0	0	0	0	0	6	32	146	85	83	75	43	24	0	0	0	0	0	0	0	0	0	495
28	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2

Avg	0	0	0	0	0	0	6	112	246	340	378	391	431	403	354	320	234	77	0	0	0	0	0	0	3292
S D	0	0	0	0	0	0	20	146	308	354	400	417	419	412	391	347	268	102	0	0	0	0	0	0	3230
S/A	0	0	0	0	0	0	3.41	1.3	1.25	1.04	1.06	1.07	0.97	1.02	1.1	1.08	1.14	1.33	0	0	0	0	0	0	0.98
Min	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Max	0	0	0	0	0	0	102	370	709	864	934	963	971	933	901	834	636	306	0	0	0	0	0	0	8025
n	0	0	0	0	0	0	52	328	335	336	336	336	336	328	336	336	336	233	0	0	0	0	0	0	3628

Daylight Data Recovery: 0.0% missing; 0.4% exceed the 15% QC threshold -- 3642 total daylight measurements.

Instrument: Eppley NIP Serial Number: 25521E6 Calibration Factor: 8.034 $\mu\text{V}/\text{W}/\text{m}^2$ Calibration Date: 06/2002

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 2005

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	25	104	182	213	295	378	217	233	166	61	13	0	0	0	0	0	0	1885
2	0	0	0	0	0	0	0	23	46	60	76	84	69	60	58	50	41	15	0	0	0	0	0	0	583
3	0	0	0	0	0	0	0	17	88	121	145	112	105	123	33	36 ?	13	8	0	0	0	0	0	0	800
4	0	0	0	0	0	0	0	35	122	195	168	145	120	152	172	140	60	16	0	0	0	0	0	0	1324
5	0	0	0	0	0	0	0	20	44	55	61	60	60	61	62	55	35	11	0	0	0	0	0	0	524
6	0	0	0	0	0	0	0	20	40	49	54	54	54	54	50	43	36	12	0	0	0	0	0	0	466
7	0	0	0	0	0	0	0	11	50	104	167	279	127	74	72	92	42	11	0	0	0	0	0	0	1031
8	0	0	0	0	0	0	0	19	92	171	69	64	79	56	58	95	69	10	0	0	0	0	0	0	782
9	0	0	0	0	0	0	0	29	88	161	153	159	249	246	158	83	21	3	0	0	0	0	0	0	1350
10	0	0	0	0	0	0	?	34	104	186	179	200	257	234	195	95	51	4	0	0	0	0	0	0	1540
11	0	0	0	0	0	0	?	22	44	53	59	62	60	98	140	88	64	30	0	0	0	0	0	0	719
12	0	0	0	0	0	0	?	27	59	69	71	69	64	64	60	51	38	15	0	0	0	0	0	0	587
13	0	0	0	0	0	0	?	27	48	68	62	93	153	236	269	183	61	16	0	0	0	0	0	0	1216
14	0	0	0	0	0	0	0 ?	10	40	79	75	152	191	85	41	31 ?	15 ?	2	0	0	0	0	0	0	721
15	0	0	0	0	0	0	8 ?	56	133	196	104	79	67	86	103	124	100	27	0	0	0	0	0	0	1083
16	0	0	0	0	0	0	2	30	108	125	217	337	324	294	199	162	83	23	0	0	0	0	0	0	1905
17	0	0	0	0	0	0	3	29	52	74	208	334	295	320	199	157	61	19	0	0	0	0	0	0	1751
18	0	0	0	0	0	0	6	27	53	69	183	287	247	195	153	60	38	15	0	0	0	0	0	0	1334
19	0	0	0	0	0	0	7 ?	31	54	62	67	69	75	96	76	67	53	28	0	0	0	0	0	0	685
20	0	0	0	0	0	0	5 ?	33	137	254	367	353	413	285	212	118	39	11	0	0	0	0	0	0	2226
21	0	0	0	0	0	0	7 ?	67	128	214	269	189	119	127	132	123	32	15	0	0	0	0	0	0	1421
22	0	0	0	0	0	0	4	31	74	230	224	399	313	332	243	147	90	31	0	0	0	0	0	0	2119
23	0	0	0	0	0	0	4 ?	24	103	234	236	119	120	170 ?	170	99	64	26	0	0	0	0	0	0	1369
24	0	0	0	0	0	0	0	2 ?	?	28 ?	69	56	52	45	49	31	15 ?	5	0	0	0	0	0	0	353 ?
25	0	0	0	0	0	0	3	17	69	95	119	248	237	197	134	97	34	7	0	0	0	0	0	0	1257
26	0	0	0	0	0	0	12	40 ?	74	82	96	105	102	98	96	74	57	22	0	0	0	0	0	0	859
27	0	0	0	0	0	0	8	73	188	290	372	410	415	380	312	183	100	31	0	0	0	0	0	0	2714
28	0	0	0	0	0	0	1	17	62	84	187	206	193	134	107	38	28	9	0	0	0	0	0	0	1068

Avg	0	0	0	0	0	0	3	28	82	128	152	179	176	161	135	96	49	15	0	0	0	0	0	0	1203
S D	0	0	0	0	0	0	3	15	38	74	89	116	116	98	77	47	22	8	0	0	0	0	0	0	591
S/A	0	0	0	0	0	0	1.18	0.54	0.46	0.58	0.59	0.64	0.66	0.61	0.57	0.49	0.46	0.54	0	0	0	0	0	0	0.49
Min	0	0	0	0	0	0	0	2	40	28	54	54	52	45	33	31	13	2	0	0	0	0	0	0	353
Max	0	0	0	0	0	0	12	73	188	290	372	410	415	380	312	183	100	31	0	0	0	0	0	0	2714
n	0	0	0	0	0	0	42	317	322	330	336	336	336	328	336	330	327	233	0	0	0	0	0	0	3573

Daylight Data Recovery: 0.0% missing; 1.9% exceed the 15% QC threshold -- 3642 total daylight measurements.

Instrument: Eppley PSP Serial Number: 17880F3 Calibration Factor: 8.067 μV/W/m² Calibration Date: 07/2002

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 2005

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	1.3	1.5	1.7	1.9	2	2.1	2.1	2.1	2.7	3.8	4.7	5.3	5.8	6.1	6	5.7	5.1	4.1	2.8	1.9	1.3	0.9	0.8	0.3	3
2	0	-0.3	-0.3	-0.6	-0.6	-0.2	0.4	0.6	1.4	2.8	4.6	5.9	6.8	7.4	7.8	7.8	6.1	4.1	3.2	2.5	2	1.8	1.9	1.6	2.8
3	0.8	0.4	0.6	0.3	0	0.2	0.9	1.7	2.2	3.1	3.7	4.7	4.6	4.6	3.8	3.1	2.3	1.7	1.2	1.1	1.2	1.4	1.4	1.6	1.9
4	1.5	1.5	1.5	1.3	1.6	1.5	1.5	1.3	2.1	2.8	3.3	3.7	4.4	5.4	6	5.2	4.8	4.4	4.3	3.5	3.1	3.5	4.4	4.5	3.2
5	4.4	4.3	4.2	3.9	3.9	4.1	4.1	4.3	5.1	6.5	7.7	8.8	9.6	9.6	9.6	9.5	8.7	7.6	6.5	5.8	5	4.6	4.5	4.3	6.1
6	4.3	4	4.1	3.8	3.8	3.6	3.3	3.8	5.9	8.7	10.2	11.5	12.7	12.9	13.1	12.5	10.5	8.2	6.3	5.1	4.3	3.8	3.7	3.9	6.8
7	3.9	3.6	3.3	3	2.9	2.9	2.9	2.9	3	3.4	4.1	4.9	6.9	9.2	10.3	11.1	10.6	7.2	3.9	1.9	1.5	1.2	1.1	1.2	4.5
8	1	0.7	0.6	0.8	0.9	1.1	1.2	1.2	1.5	2.8	6.6	10.9	13.6	16.1	17	16.4	17.7	15.3	10.8	8.5	9.2	10.6	10.1	9.1	7.7
9	8.5	8.8	8.9	9.4	9.9	10.2	10.8	11.7	11.9	12.8	13.8	14.7	16.1	17.3	17.6	17.3	16.7	16.2	14.9	14	14.2	14.1	13.6	13.8	13.2
10	13.7	13.5	12.9	12.3	12.7	12.7	11.1	10.6	11.2	11.9	11.9	10.7	9.5	9.6	10.3	10.1	9.6	9	7.9	7.3	6.1	4.8	3.6	2.6	9.8
11	1.8	1.2	0.7	0	-0.5	-0.6	-1	-1	0.4	1.7	3.1	4.5	5.7	6.8	7.4	7.6	7.4	6.3	5.1	4.3	3.2	2.8	2.3	1.4	2.9
12	0.7	-0.1	-0.7	-0.9	-1.2	-1.6	-1.7	-1.1	0.8	3.7	5.9	8.2	9.6	10.8	11.8	12.7	12.7	11.8	10.7	9.8	9	8.8	8.8	8.5	5.7
13	7.1	6.9	5.1	5.1	4.2	3.5	2.9	3.6	7.1	10	11	11.9	12.2	11.9	11.4	10.9	9.2	8.3	7.6	7.3	7.2	7.2	7	7	7.7
14	6.9	6.5	6.6	7	7.2	7.8	8.7	9.1	9.6	10.3	11	11.2	13.4	14.5	14.1	13.9	13.2	13.1	13	13.4	13.9	14	13.7	13.5	11.1
15	13.5	13.1	12.5	12.2	11.6	11	10.4	10.2	11	12.8	15	16.7	17.6	17.8	17.2	16.7	14.9	12.6	11.5	10.7	10.6	10.2	9.8	9.5	12.9
16	9.7	9.6	9.4	9.5	9.7	9.4	9.2	9.4	10.7	13.2	14.9	15.4	16.5	17.6	17.6	17.6	17.5	17.1	16.5	13.2	9.2	9	8.6	8.3	12.5
17	8	7.8	7.5	7	6.5	6	5.3	5.2	6.1	7	8.3	9	9.1	9.2	9.3	9.9	10.1	8.9	7.4	6.8	6.2	5.5	4.9	3.7	7.3
18	2	1.8	1.1	1.1	0.9	0.5	0.3	0.4	1.8	2.8	3.8	4.1	4.5	4.8	5.1	5.7	5.6	4.6	3.4	2.1	0.7	-0.3	0.4	-0.1	2.4
19	-0.5	-0.7	-1.1	-1.6	-2	-2.1	-2.5	-1.8	-0.1	1.4	2.5	3.8	4.8	5.6	6.2	7.2	4.2	3	2.4	1.5	1.3	1.2	1.2	1.2	1.5
20	1.5	1.9	2.3	2.6	3	3.1	2.6	3.3	4.4	5.7	6.5	7.1	7.2	7.2	6.9	6.4	5.6	5.4	5.3	5.3	5.5	5.3	4.5	4.6	4.7
21	5.4	6.2	7	7.4	8.2	8.9	9.6	11.1	12	13.5	14.7	15.5	15.7	15.5	15.4	15.5	15	14.8	14.3	13.6	13.5	13.8	14.4	14.5	12.3
22	14.6	13.7	12.6	11.8	11.6	11.1	10.1	9.2	8.7	8.3	8.8	9.9	10.2	9.9	9.3	9	8.2	7.2	6	5.1	4.6	4.1	3.8	3.8	8.8
23	3.7	3.9	3.7	4	3.8	3.9	4.1	4.5	5.1	6.3	8.8	9.6	9.8	9.8	9.2	9	8.1	6.7	5.6	5.1	4.8	4.9	4.8	4.6	6
24	4.6	4.8	4.9	5.6	6	6.2	5.7	5.1	5.2	5.3	5.2	5.3	5.4	5.5	5.6	5.6	5.5	5.2	5	4.7	4.4	3.9	3.5	3.2	5.1
25	2.6	2.4	2	1.5	1	0.8	0.8	0.9	1.1	1.3	1.4	2.5	3.1	3	3	3	2.7	2.1	1.3	1	1	1.3	1.3	0.6	1.7
26	0	-0.4	-0.6	-0.8	-1.1	-1.5	-1.5	-0.9	1.5	3	4.6	6	7.7	8.8	9.7	10.1	9.4	7.8	5.7	4.5	4.2	3.9	3.2	3.1	3.6
27	3	2.6	2.5	2.3	2.2	2.4	2.4	2.4	3.6	5	5.6	5.6	5.8	5.8	5.4	4.8	4.1	3.4	3	2.8	2.9	3.3	3.9	4.6	3.7
28	4.7	5.2	6.1	6.7	6.7	6.5	6.7	7.4	7.4	7.2	7.2	7.7	8.5	8.6	8.5	7.8	7.2	6.7	6.4	5.3	4.1	3.8	3.6	3.3	6.4

Avg	4.6	4.4	4.3	4.2	4.1	4.1	3.9	4.2	5.1	6.3	7.5	8.4	9.2	9.7	9.8	9.7	9	8	6.9	6	5.5	5.3	5.2	4.9	6.3
SD	4.3	4.2	4.1	4.2	4.3	4.3	4.2	4.1	3.9	3.9	4	4	4.1	4.3	4.3	4.3	4.4	4.4	4.2	4	4	4.1	4.1	4.1	3.6
S/A	0.93	0.95	0.97	1	1.04	1.06	1.06	0.99	0.76	0.62	0.54	0.48	0.45	0.44	0.44	0.44	0.49	0.55	0.61	0.67	0.73	0.77	0.78	0.83	0.58
Min	-0.5	-0.7	-1.1	-1.6	-2	-2.1	-2.5	-1.8	-0.1	1.3	1.4	2.5	3.1	3	3	3	2.3	1.7	1.2	1	0.7	-0.3	0.4	-0.1	1.5
Max	14.6	13.7	12.9	12.3	12.7	12.7	11.1	11.7	12	13.5	15	16.7	17.6	17.8	17.6	17.6	17.7	17.1	16.5	14	14.2	14.1	14.4	14.5	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% 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.

Prepared by: Afshin M. Andreas, NREL

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

February 2005

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	99.5	98.8	98.3	97.6	97.8	97.7	98.2	98.7	98.1	96.2	92	89	85.9	85.1	84.9	84.7	85.8	91.2	94.7	96.5	98.1	99.4	100.1	101.9	94.6
2	102.6	103.2	103.3	103.1	102.2	100.1	98	97.5	94.4	90.3	85.7	79.7	74.4	72.1	72.6	73.3	80.3	86.5	88.9	93.7	96.8	100.9	102.3	102.9	91.9
3	104.3	?	?	?	?	?	?	?	?	104.7?	103.6	100.8	102.4	103.8	104.8?	?	?	?	?	?	?	?	?	?	103.5?
4	?	103.9?	99.3	100.8	102.8	102.5	101.7	102.5	100.8	97.2	94.3	94.7	93.9	89.5	83.3	84.2	83.4	85.8	87	99.8	101.5	92	82.9	74.8	93.9
5	74	73	72.4	74	72.2	67.3	65	65.6	65.8	62.6	59.6	56.6	53.1	55.1	58.1	59.7	56.7	60.5	65.5	65.8	70	72.2	70.8	70.1	65.2
6	68.1	68.1	67.9	69.9	70.4	71.6	75.7	76.6	70.7	66.1	62.7	53.7	53.6	56.7	51.8	45.5	51.4	62.5	75.3	86.6	97.2	101.2	102.4	103.6	71.2
7	103.6	103.6	104.4	104.8	?	?	?	?	?	?	103.4	99.5	89.8	79.9	74.4	72.2	76	92.4	102.1	?	?	?	?	?	92.8?
8	?	?	?	?	?	?	?	?	?	?	97.4?	78.8	63.5	54.4	55.6	58.5	49.3	58.2	80.2	91.1	83.2	74.6	77	85.1	71.9?
9	91.3	91.9	92.4	90.4	87.9	86.3	83.6	81.4	82.9	83.4	81.7	83.1	83.6	81.1	80.7	82	82.4	79.5	88	93.4	94.7	94	95.1	96.1	87
10	98.8	100.6	102.3	?	?	100.1?	103.5	103.9	101.1	92.6	85.6	88.3	79.6	76	68.9	60.2	52.1	49.9	54.1	52.9	49.8	51.5	54.4	54.3	76.4?
11	56	58.6	61.5	64.8	67.2	67.3	68.5	66.6	53.3	42.8	36.2	32.2	29.6	27.5	25.9	25.5	25.4	29	31.5	34.1	40	46.2	47.5	51.4	45.4
12	54.2	58.5	63.1	67.4	70.1	74.3	77.9	79.2	75.5	67.1	60.4	52.8	45.5	41.6	39.4	37	37.2	39.6	42.7	45.8	47.6	48.3	47.9	48.1	55.1
13	54.5	54.2	61.8	61.5	69	84.1	82	79.1	67.9	52.5	48.7	45.5	45.8	46.5	49.9	52.3	59.8	55.1	52.9	57.5	61.3	65.1	73.5	79.3	60.8
14	85.8	89.8	86.7	88	91.9	93.8	94.9	99.2	102.3	103.6	102.3	103	97.9	98.1	100.3	101.2	104.3?	?	?	?	104.3?	102.5	102.9	103.5	97.9?
15	102.9	103.1	104.2	104.9?	?	?	?	103.8?	100.3	94.1	81	71.6	66	62.8	62.2	64.4	71.9	84.2	91.9	96.4	96.7	98.2	100	101.2	88.6?
16	100.7	101.6	103.4	104.4	104.8?	?	?	?	103.8?	100.1	96.8	96.6	91.1	85.2	84	84.1	86.3	88.5	91.3	95.8	103.8	89.7	82.1	77.6	93.9?
17	77.2	73	71.1	68	70.4	69.6	70.8	72	65.7	59.3	55.7	54.1	54.8	57.4	55.3	52.8	48.6	50.6	59.1	62.5	52.9	46.6	44.7	50.1	60.1
18	59.6	57.3	59.5	58.4	59.9	65.7	69	69.3	69.7	69.4	65.4	56.7	51	46.8	44.5	31.3	28.6	32.7	36.7	44.2	52.4	60.3	57.4	69.8	54.8
19	71.5	71	70.3	68.4	71.2	74.8	76.7	76.4	68.4	62.4	54.4	50.2	48.1	47.6	47	41.9	66.7	74.6	80.4	88.9	92.2	91.9	93.9	95.2	70.2
20	96.2	97.5	97.2	98	100.8	100.8	100.2	99.5	94	74.9	62.5	58.5	56.9	56.7	62.2	66.4	73.7	78.5	83.1	87.1	88.5	92	100.8	103.9	84.6
21	104.1	103.3	101	99.8	97.1	96.9	100.4	99.7	99.2	97	93.8	92.5	93.8	95	95.5	95.7	97.4	98.1	100.1	102.3	104.1	104.6	102.6	101.2	99
22	99.4	100.1	100.8	102.8	102.2	101.2	103.5?	104.8?	103.7	100.7	95.3	89.4	84.9	83.6	83	86.9	92.2	96.9	101.1	102.9	104.4	104.9	104.8?	?	97.8?
23	?	?	?	?	?	?	?	?	?	100.4?	84.9	65.7	64.4	66.4	69.6	69.2	71.1	77.9	84.1	88.8	91.9	91.3	91.1	92	80.6?
24	89.9	87.8	87	88	88.3	87.6	94.8	102.6	104.4	104.9?	?	104.9	104.1	103.9	103.9	104.3	104.3	104.8?	?	104.9?	?	104.8	104.4	104	99.2?
25	103.9	102.1	102.1	101.7	101.8	100.5	99.5	99	97.6	97.6	97.9	90	82.9	81.9	82	80.8	83.1	87.3	91.8	92.3	91.5	88.3	87.2	88.8	93
26	93	94.1	95.8	96.9	98.9	99.9	99.9	99	89.5	77	70.9	68.4	61.6	56.8	53.9	49.1	59.7	70.6	85.7	92.8	94	96.3	99.4	102	83.5
27	102.6	104	104.5	103.9	100.4	96.9	96.2	96.6	87.1	71.8	61.9	57.6	55.7	55.5	57.9	67.3	73.4	79	82.3	85.3	86.1	88.8	91.8	94	83.4
28	100.7	104?	?	?	?	?	?	?	?	?	?	104.9?	103	101	101.1	102.8	104.7	?	?	?	?	104.5?	102.1	100.4	102.7?

Avg	87.8	88.1	87.9	87.7	87	87.6	88.6	89.7	86.8	82.7	78.2	75.7	72	70.3	69.7	67.9	70.6	72.6	77.1	81.7	83.5	85	85.3	86.1	82.1?
S/D	17.8	17.8	16.8	16.7	15.4	13.7	13.4	14	16	18.5	19.4	21.1	21	20.8	20.9	21.8	22.1	20.9	20.5	21	21	19.9	20	19	16.4
S/A	0.2	0.2	0.19	0.19	0.18	0.16	0.15	0.16	0.18	0.22	0.25	0.28	0.29	0.3	0.3	0.32	0.31	0.29	0.27	0.26	0.25	0.23	0.23	0.22	0.2
Min	54.2	54.2	59.5	58.4	59.9	65.7	65	65.6	53.3	42.8	36.2	32.2	29.6	27.5	25.9	25.5	25.4	29	31.5	34.1	40	46.2	44.7	48.1	45.4
Max	104.3	104	104.5	104.9	104.8	102.5	103.5	104.8	104.4	104.9	103.6	104.9	104.1	103.9	104.8	104.3	104.7	104.8	102.1	104.9	104.4	104.9	104.8	104	103.5
n	298	293	288	271	247	246	249	252	267	274	302	325	336	336	328	324	316	291	286	283	280	306	305	300	7006

Data Recovery: 0.0% missing; 13.1% 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

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

February 2005

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	1.4	1.4	1.6	2	2.2	2.2	2.3	2.4	2.7	3.7	5	6.3	7.4	8.4	8.4	8.3	7.5	5.8	3.9	2.5	1.4	0.6	0.2	-0.1	3.6
2	-0.6	-1	-1.1	-1.2	-1.3	-0.9	-0.4	-0.1	1.1	3.5	6.1	8.4	9.9	10.9	11.3	11.5	10.7	7.5	4.7	2.9	1.6	1.1	0.9	0.8	3.6
3	0.3	-0.2	-0.1	0.4	0.5	0.5	0.7	1.3	2	3.1	4.2	5.2	5.7	5.5	5.2	4.5	3.8	3	2.4	1.9	1.7	1.8	1.8	1.9	2.4
4	1.9	1.8	1.8	1.7	1.5	1.6	1.5	1.2	1.6	3.1	4.4	4.8	5.2	5.8	6.5	7	6.5	5.9	5.2	4.8	4	3	2.9	3.4	3.6
5	3.6	3.6	3.6	3.4	3.3	3.1	3.1	3.3	4.8	7	9.2	11	12.4	13.1	13	12.8	12.1	10.6	7.8	6	4.8	3.9	3.5	3.2	6.8
6	2.9	2.6	2.4	2.5	2.5	2.6	2.4	2.5	4.6	7.8	11	13.3	15.1	16.2	16.5	16.2	15.2	12.4	8.7	6.1	4.6	3.8	3.8	4.1	7.5
7	4.3	4.3	4.2	4	3.8	3.7	3.7	3.7	3.8	4.2	5	6.2	8.4	11.7	13.8	14.8	15	12.9	8	5	3.5	2.8	2.4	2.1	6.3
8	2	1.8	1.6	1.4	1.5	1.6	1.7	1.8	2	3	7.4	12.1	15.2	17.6	19.7	20.3	19.8	19.3	15.1	10.8	8.6	8.5	9	8.6	8.8
9	8	7.9	8.4	8.8	9.4	10	10.4	11	11.8	12.7	14.1	15.2	16.2	17.7	18.5	18.6	18.1	17.4	16.7	14.9	13.9	14.1	14.2	14	13.4
10	14.1	13.9	13.5	13	12.8	12.9	12.2	11.2	10.9	11.4	13.7	13.8	13.1	12.6	12.1	11.9	11.1	10.3	9.4	8.5	7.4	5.6	4	2.9	10.9
11	1.8	0.9	0.2	-0.5	-1.1	-1.6	-2	-2	-0.3	2.2	4.6	6.7	8.2	9.3	10.1	10.2	9.8	8.4	6.1	4.2	2.9	2.1	1.5	0.6	3.4
12	-0.3	-0.9	-1.6	-2.2	-2.6	-3.1	-3.3	-2.8	-0.5	2.9	6.3	9	11.1	12.4	13.3	14.1	14.5	14	11.7	10	8.7	7.7	7.7	7.6	5.6
13	6.9	5.4	4.2	3.2	2.1	1.3	0.7	0.7	3.9	8.9	12.6	14.7	15.9	16.3	15.8	14.7	13.2	10.9	9.4	8.5	8	7.7	7.5	7.5	8.3
14	7.3	7	6.9	6.9	6.9	7.2	7.9	8.7	9	9.5	10.3	10.9	12.1	13.7	14.1	13.9	13.7	13.5	13.5	13.5	13.7	13.7	13.6	13.4	10.9
15	13.5	13.3	12.7	12.2	11.6	11	10.5	10.1	10.5	12.1	15.3	18.9	21.3	21.8	21.4	20.8	19.2	16.5	13.5	11.7	10.6	9.9	9.5	9.1	14
16	9	8.9	8.8	8.9	9	9	9.1	9.1	9.8	12	15.5	16.7	18	19.2	20.1	20.1	19.4	18.4	17.3	16.2	13	10.2	9.1	9	13.2
17	8.7	8.5	8.2	7.8	7.2	6.7	5.8	4.4	5.7	8.2	10.6	13	13.6	13.5	12.3	11.7	12.1	11.4	8.9	6.6	5.5	4.8	4.1	3	8.4
18	1.4	0.1	-0.6	-1.4	-1.3	-1.2	-1.6	-1.3	1	3.8	6.1	7.1	8	8.3	8.3	8.1	8.3	7.5	4.5	1.4	-1	-2.6	-3.5	-2.8	2.4
19	-2.5	-2.6	-3	-3.3	-4	-4.6	-5	-4.7	-1.7	1.7	5.2	7.8	9.7	10.3	10.2	10.5	9.9	7.2	3.9	1.9	0.9	0.4	-0.1	-0.4	2
20	-0.4	0.1	0.1	0.5	1.4	2.1	2.4	2.7	3.6	5.2	7.4	9.1	10.3	10.6	10	9.3	8.2	7.1	6.4	6.1	6	5.9	5.5	5	5.2
21	5	5.4	6	6.5	7	7.9	8.8	9.7	11.2	12.7	14.5	15.9	16.6	16.7	16.6	16.9	16.7	16.2	15.6	14.9	14.3	14.1	14.3	14.5	12.4
22	14.7	14.5	13.4	12.1	11.6	11.8	11.5	10.9	10.5	10.1	10.6	11.4	12.8	13.1	13	12.4	11.3	9.9	7.6	5.8	4.7	4	3.5	3.2	10.2
23	3.1	3.3	3.8	4.1	4.4	4.4	4.5	4.7	5.2	6.1	8.9	11.6	13.2	13.8	13.9	13.3	12.7	10.9	7.8	5.7	4.7	4.2	4.1	3.8	7.2
24	3.6	3.6	3.7	4.3	5.4	6.1	6.2	5.6	5.3	5.4	5.5	5.6	5.6	5.7	5.8	5.9	5.9	5.8	5.5	5.3	5	4.7	4.3	3.9	5.2
25	3.5	3	2.8	2.5	2.2	1.8	1.5	1.4	1.6	2	2.5	3.2	5	5.9	5.5	5	4.5	3.8	2.9	2.2	1.7	1.4	1.5	1.2	2.9
26	-0.3	-1.4	-2.1	-2.8	-3	-3.3	-3.5	-3	-0.1	3.6	6.8	9.6	11.6	12.7	13.5	14.2	14	12.2	8.7	5.6	3.8	2.9	2.3	1.3	4.3
27	1.1	1.2	1.1	1.1	1.1	1	1	1.2	2.2	4.2	6.5	7.8	8.5	8.9	8.7	7.8	6.6	5.2	4.2	3.6	3.3	3.4	3.7	4.2	4.1
28	4.5	4.7	5.3	6.1	6.7	6.9	6.9	7.2	7.7	7.9	7.9	8.2	8.6	9.3	9.7	9.2	8.4	7.8	7.4	6.9	5.9	4.9	4.2	3.8	6.9

Avg	4.2	4	3.8	3.7	3.6	3.6	3.5	3.6	4.6	6.4	8.5	10.1	11.4	12.2	12.4	12.3	11.7	10.4	8.5	6.9	5.8	5.2	4.8	4.6	6.9
SD	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.6	4	3.6	3.8	4	4.2	4.3	4.5	4.5	4.5	4.5	4.3	4.2	4.2	4.2	4.4	4.4	3.7
S/A	1.08	1.16	1.22	1.25	1.28	1.32	1.35	1.29	0.87	0.57	0.44	0.4	0.37	0.35	0.36	0.37	0.39	0.43	0.51	0.61	0.72	0.82	0.9	0.95	0.53
Min	-2.5	-2.6	-3	-3.3	-4	-4.6	-5	-4.7	-1.7	1.7	2.5	3.2	5	5.5	5.2	4.5	3.8	3	2.4	1.4	-1	-2.6	-3.5	-2.8	2
Max	14.7	14.5	13.5	13	12.8	12.9	12.2	11.2	11.8	12.7	15.5	18.9	21.3	21.8	21.4	20.8	19.8	19.3	17.3	16.2	14.3	14.1	14.3	14.5	14
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% 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 2005

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

Avg	2.4	2.2	2.1	2.1	2.2	2.2	2.3	2.3	2.7	3.1	3.4	3.5	3.6	3.6	3.5	3.4	3.3	2.8	2.5	2.5	2.4	2.6	2.5	2.5	2.7
SD	1.2	1.3	1.2	1.3	1.3	1.5	1.4	1.5	1.6	1.5	1.6	1.6	1.3	1.2	1.4	1.3	1.2	1.2	1.2	1.3	1.1	1.2	1.2	1.3	1
S/A	0.5	0.61	0.57	0.61	0.62	0.65	0.61	0.66	0.58	0.49	0.47	0.46	0.36	0.35	0.39	0.38	0.37	0.41	0.49	0.52	0.47	0.45	0.48	0.5	0.35
Min	0.6	0.3	0.2	0.3	0.2	0.2	0	0.2	0.5	0.4	1	1.2	1.5	1.2	1.3	1.4	1.2	0.2	0.4	0.2	0.3	0.3	0.2	0.4	1
Max	4.3	4.5	4.9	4.9	5.8	5.8	5.8	5.6	7	6.5	7.9	7.1	6.3	5.6	6.4	6.3	6.1	5.9	6.1	6.2	4.3	4.5	4.8	5.5	4.9
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% 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.

Prepared by: Afshin M. Andreas, NREL

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

February 2005

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	9	1	0	2	358	12	11	360	11	27	25	23	22	23	28	34	37	13	340	347	350	7	2	352	12
2	324	339	341	354	349	339	357	11	12	3	20	32	28	40	45	41	49	50	30	26	42	49	36	16	21
3	346	343	348	353	337	321	329	321	323	345	35	39	27	349	350	336	329	343	356	352	356	357	349	346	349
4	339	337	332	330	328	329	331	317	317	318	329	326	326	337	349	345	340	342	338	343	345	342	337	338	336
5	341	341	342	341	338	334	345	350	360	9	11	17	25	6	3	353	357	2	339	336	347	4	357	16	355
6	341	339	342	342	345	342	333	348	12	29	26	29	40	37	25	34	34	32	25	13	5	349	355	20	13
7	20	39	34	33	48	36	24	32	11	30	6	7	31	59	68	53	73	87	69	63	65	82	90	111	45
8	117	178	199	165	215	248	263	258	233	144	236	262	214	156	197	167	174	151	119	110	182	192	168	160	190
9	168	163	180	193	203	204	218	219	168	186	198	209	228	225	184	183	182	187	169	181	203	202	208	223	201
10	222	209	197	199	204	268	275	271	275	287	334	358	339	333	306	305	305	298	294	301	298	294	293	293	292
11	290	290	292	292	289	291	286	286	291	297	304	301	304	297	288	288	290	281	279	269	262	270	275	269	289
12	272	277	275	276	270	245	227	231	229	243	260	266	258	253	254	263	259	240	229	215	209	225	232	255	250
13	307	294	222	221	101	7	43	52	70	87	104	89	101	83	92	84	93	94	94	88	83	81	77	79	88
14	72	70	74	71	72	76	77	81	94	97	114	108	122	137	139	172	184	176	165	161	172	196	204	220	121
15	216	229	233	249	266	267	281	289	295	292	8	42	98	99	120	107	110	106	123	120	137	143	146	157	140
16	172	199	211	205	185	176	183	185	188	207	222	221	228	224	224	227	223	208	186	8	30	18	5	359	225
17	348	350	340	347	349	354	350	346	17	34	41	250	248	263	268	281	278	268	252	269	288	294	299	274	309
18	262	271	258	249	256	249	269	295	353	8	346	299	289	295	306	301	302	295	310	265	228	273	344	31	304
19	34	355	346	12	15	359	340	349	34	27	359	34	321	266	216	264	95	104	97	111	125	127	125	120	56
20	120	128	93	52	70	42	45	49	60	64	65	65	66	80	73	56	69	60	66	61	36	235	204	154	69
21	165	171	186	187	184	188	204	230	236	238	240	243	245	255	266	267	277	197	153	140	182	215	226	237	230
22	261	276	293	299	318	343	6	0	350	356	20	17	359	6	352	58	66	63	70	81	93	111	144	140	5
23	168	169	212	265	311	20	18	340	354	21	38	47	51	54	52	63	67	71	75	82	77	87	74	70	59
24	66	58	51	53	52	61	53	51	51	45	52	52	48	40	43	27	6	350	345	339	340	335	327	324	31
25	323	333	323	328	326	344	327	344	338	321	338	1	356	24	346	347	2	27	51	50	45	345	337	25	348
26	47	37	26	21	328	328	333	328	359	22	35	331	311	277	292	272	150	160	107	121	126	135	151	183	38
27	212	235	247	331	352	11	26	38	47	54	42	36	47	66	59	54	55	56	58	49	50	51	47	45	46
28	42	41	47	54	56	46	46	45	45	36	30	16	22	13	345	294	297	282	278	273	267	265	252	259	15

Avg	339	338	334	346	352	356	359	355	3	9	13	10	2	357	355	349	15	22	20	13	4	343	328	330	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% 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 2005

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	6.2	5.5	5.5	5.4	4.9	5.5	5.2	4.7	4.5	7.3	7.2	8	7.5	6.4	7.3	8	6.7	5.8	5.2	5	4.1	4.6	4.1	3.7	5.8
2	2.5	3.3	3.7	4.4	4.1	3.9	4.3	5.3	4.9	4.9	5.6	6.8	6.1	6.2	5.4	5.3	5.8	6.2	4.2	3	2.7	3.9	2.7	1.3	4.4
3	1.8	1.7	2.3	2.5	2.6	2.7	3	2.6	1.9	2.7	3.7	3.4	3.1	4.1	4.6	6.1	5.8	6.4	6.8	5.3	5	4.8	5.3	5.8	3.9
4	7	6.8	6.1	5.2	5.6	5.6	5.5	5.2	6.7	8.2	8	7.2	8.1	9.8	10.2	11	10.3	10	10.5	10.6	6.4	6.7	6.4	6.5	7.6
5	6.8	7.2	7.1	6.5	6.5	6.3	6.3	6.8	7.5	8.7	8.3	8.1	7.9	8.2	8.7	8.4	7.8	4.3	4.3	4.4	4.2	4.8	4.5	3.9	6.6
6	3.4	3	3.6	3.8	4.4	4.4	4.1	4.8	5.2	6.7	7	8.1	6.4	5.9	7	8.8	8.3	6.8	4	4	3.7	4.5	5.5	5.8	5.4
7	6.2	5.4	4.7	4.9	4.9	4.5	4.6	4.1	3	3.2	3	3.3	3.1	2.5	2.9	2.6	2.5	3	4.1	3.4	2.3	2.5	2.7	3	3.6
8	3	2	1.6	1.2	1.3	1.6	2.2	1.6	1.4	1.4	2.3	4	3.6	2.8	2.7	3.5	2.5	2	0.9	0.7	1.4	2	1.2	1.5	2
9	1.2	1	0.9	0.9	1.3	0.9	2	1.6	1.4	2	3.2	3.1	3.9	5.8	3.4	2.9	3.9	3.6	2.7	3.6	4.5	4.4	3.7	6	2.8
10	5.9	4.4	3.2	4	3.8	5.3	2.2	3.7	6	7.2	5.6	5.5	7.4	7.6	7.2	8.2	6.6	7.2	9.2	8.9	8.1	7.2	7.7	8.2	6.3
11	7.3	7.4	6.7	6.2	5.6	5.7	5.4	6	8.1	9	8.5	8	8	7.7	7.1	7.4	6.2	5.2	3.7	3.7	4.4	5.9	4.5	3.5	6.3
12	4.7	4.2	4	3.9	2.6	2.2	2.9	3.6	4.4	5.7	8	9	9.6	9	9.3	8.9	7.8	5.5	4.5	3.6	3	4.7	5.3	3.7	5.4
13	2.3	1.3	1.7	0.7	0.4	0.5	0.1	0.3	1.2	2.9	4.9	5.3	5.6	6.1	5.3	5.3	4.7	4.7	4.6	4	4	4.6	5.9	5.5	3.4
14	4.9	5	3.8	4	5.4	5.8	6	5.4	4.8	4.1	3.4	3.5	5.7	5.2	3.7	4	4.3	3.8	4	4.6	5.6	5.5	5.3	5	4.7
15	4.4	4.9	4.1	3	1.8	3.1	2.7	2.6	3.4	2.5	3.3	3.1	4.1	5.1	4.7	4.4	5	4.3	3.2	2.5	2.8	2.9	2.4	2.3	3.4
16	2.3	1.8	2.5	2.2	2.6	3.5	3.3	2.7	3.3	4.9	7.6	8.4	9.2	8.8	8.4	7.4	5.3	3.2	2	7.7	6.9	7.7	6.7	6.7	5.2
17	5.6	5.3	5.4	5.9	4.2	4.3	2.7	1.1	3.5	4.7	3.4	2.9	4.1	6.7	6.2	6.3	7.3	5.4	2.2	3.7	6.6	6.6	5.4	2.3	4.7
18	1.5	1.8	1.1	1.8	2.7	2.1	2.9	3.3	4.2	6	5	5.1	6.8	7	6.8	8.4	6.1	4.9	1.8	0.4	0.5	0.5	2.6	3.4	3.6
19	2.9	2.7	2.7	2.4	1.4	1.3	1.1	1.5	4.6	3.3	3.1	2.6	3.9	4.2	3.6	5.5	5.9	4.1	3	4.1	3.9	2.8	2	2.2	3.1
20	2	0.9	1.3	0.7	1.2	1.3	3.7	3.2	4.5	5.8	6.6	6.1	6.2	6.2	5.3	4.5	5.1	4	3.2	2.7	1.1	1.3	1.7	2.8	3.4
21	2.8	1.8	3	2.7	3.9	5	5.1	7.3	8.1	7.3	8.2	7.9	9.1	8.8	5.9	5	2.7	0.6	2.1	2.1	2.3	2.6	4.1	5.2	4.7
22	6.6	5.3	4.9	4.4	4.9	5.3	5.2	4.2	6.2	5.6	5.4	5.2	5.5	4.6	4.4	3.6	4.3	3.6	3.1	3.6	3.3	2.6	2.3	2.5	4.4
23	2.8	2.7	2.5	2.3	3.4	1.6	1.4	2.3	3.3	4.8	6.9	8.3	7.1	6.5	6.7	5.5	6.4	5.9	4.8	5	4.5	4.7	3.9	4.2	4.5
24	4.5	4.2	5.2	7	7.9	9.6	8.9	9.2	10.6	10.7	12.7	12.6	10.8	8.9	11.1	9.3	9.3	7.2	8.3	7.6	7.8	7.3	7.6	7.6	8.6
25	7.6	7.2	6.6	6.7	5.7	5.5	4.9	5.2	4.7	4.5	4.7	5.1	5.1	4.2	3.7	3.6	3.2	3.4	4	3.1	2.1	2.2	3	3	4.5
26	2.5	1.7	0.8	1.2	0.9	0.9	1	1	2.4	3.3	3.5	3.5	4.2	3.2	2.6	3.6	3.6	3.3	3.1	1.9	2.1	2.2	0.5	0.9	2.3
27	1.1	1	1.3	2.9	2.7	2.9	3.9	3.8	4.6	5.7	6.4	6.3	5.6	5.9	6.5	6.3	6.9	7.3	6.3	6.5	6.5	6.8	6.5	6.6	5
28	6.4	7.8	8.4	8.2	9.7	9.1	9.7	9.5	12	10.8	11.2	11.6	10	9.6	7.6	5.2	4.3	3.1	4.6	6.1	6.9	7.5	7.8	8.4	8.2

Avg	4.1	3.8	3.7	3.8	3.8	3.9	3.9	4	4.9	5.5	5.9	6.1	6.3	6.3	6	6	5.7	4.8	4.3	4.3	4.2	4.4	4.3	4.3	4.8
SD	2.1	2.2	2.1	2.1	2.2	2.4	2.2	2.3	2.6	2.5	2.6	2.6	2.2	2.1	2.3	2.2	2	1.9	2.2	2.3	2.1	2	2	2.1	1.7
S/A	0.5	0.58	0.56	0.56	0.58	0.6	0.56	0.58	0.54	0.46	0.43	0.43	0.35	0.32	0.38	0.37	0.35	0.4	0.52	0.53	0.49	0.46	0.47	0.49	0.35
Min	1.1	0.9	0.8	0.7	0.4	0.5	0.1	0.3	1.2	1.4	2.3	2.6	3.1	2.5	2.6	2.6	2.5	0.6	0.9	0.4	0.5	0.5	0.5	0.9	2
Max	7.6	7.8	8.4	8.2	9.7	9.6	9.7	9.5	12	10.8	12.7	12.6	10.8	9.8	11.1	11	10.3	10	10.5	10.6	8.1	7.7	7.8	8.4	8.6
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% 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.

Prepared by: Afshin M. Andreas, NREL

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

February 2005

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	1023	1024	1024	1024	1025	1025	1026	1026	1026	1025	1025	1025	1025	1025	1026	1028	1028	1028	1028	1028	1028	1028	1026
2	1028	1028	1027	1027	1028	1028	1028	1028	1028	1029	1029	1029	1028	1027	1027	1027	1027	1027	1027	1027	1027	1026	1026	1025	1027	1027
3	1025	1024	1024	1023	1023	1023	1024	1023	1023	1024	1022	1021	1020	1019	1018	1018	1019	1019	1019	1019	1019	1018	1018	1018	1021	1021
4	1017	1017	1017	1017	1017	1018	1018	1018	1018	1018	1018	1018	1018	1017	1017	1017	1018	1018	1019	1019	1019	1020	1020	1020	1018	1018
5	1019	1019	1020	1020	1020	1021	1022	1023	1023	1024	1024	1024	1023	1024	1024	1025	1026	1026	1026	1026	1026	1026	1027	1026	1023	1023
6	1026	1027	1027	1027	1027	1027	1028	1028	1029	1029	1030	1030	1029	1029	1029	1029	1028	1029	1029	1029	1028	1029	1029	1028	1028	1028
7	1028	1027	1027	1026	1026	1026	1026	1026	1026	1026	1026	1026	1025	1024	1023	1023	1022	1022	1022	1022	1022	1022	1021	1021	1024	1024
8	1020	1020	1020	1019	1019	1019	1020	1019	1019	1019	1019	1019	1017	1016	1016	1015	1015	1015	1015	1015	1015	1016	1015	1015	1017	1017
9	1015	1014	1014	1014	1013	1013	1013	1014	1013	1013	1013	1012	1011	1010	1010	1009	1009	1009	1008	1008	1008	1007	1006	1006	1011	1011
10	1005	1004	1003	1002	1001	1001	1001	1002	1002	1002	1003	1003	1002	1002	1001	1002	1002	1003	1004	1005	1006	1006	1007	1007	1003	1003
11	1008	1008	1009	1009	1010	1010	1011	1011	1012	1012	1012	1012	1011	1010	1010	1009	1010	1010	1010	1011	1011	1011	1011	1011	1010	1010
12	1011	1011	1011	1011	1012	1012	1013	1013	1013	1012	1012	1011	1010	1009	1009	1008	1009	1009	1009	1010	1010	1011	1012	1012	1013	1011
13	1014	1014	1014	1014	1015	1016	1016	1017	1018	1019	1020	1020	1020	1020	1020	1021	1021	1022	1022	1022	1023	1023	1023	1024	1024	1019
14	1024	1023	1023	1022	1022	1022	1022	1022	1022	1021	1021	1020	1019	1018	1017	1017	1017	1016	1016	1015	1015	1015	1015	1015	1015	1019
15	1016	1016	1016	1017	1017	1018	1018	1019	1020	1020	1020	1020	1019	1019	1019	1019	1018	1018	1018	1018	1018	1017	1016	1016	1018	1018
16	1015	1014	1014	1013	1012	1012	1011	1011	1011	1010	1009	1008	1007	1006	1005	1005	1005	1005	1006	1007	1009	1010	1011	1011	1009	1009
17	1011	1011	1011	1011	1011	1011	1012	1012	1013	1012	1012	1012	1011	1010	1010	1009	1010	1010	1011	1012	1013	1014	1014	1014	1011	1011
18	1014	1014	1014	1014	1014	1015	1015	1016	1017	1017	1018	1018	1017	1017	1017	1018	1019	1019	1020	1020	1021	1022	1022	1022	1018	1018
19	1022	1023	1024	1024	1024	1024	1025	1026	1027	1027	1028	1028	1027	1026	1026	1026	1026	1026	1027	1027	1028	1028	1028	1028	1027	1026
20	1027	1027	1027	1027	1027	1028	1028	1029	1029	1029	1029	1029	1029	1028	1027	1026	1026	1025	1024	1024	1023	1023	1022	1022	1020	1026
21	1019	1019	1018	1017	1016	1015	1015	1015	1015	1015	1014	1014	1013	1012	1011	1011	1010	1009	1009	1009	1009	1009	1009	1009	1013	1013
22	1010	1010	1011	1011	1012	1013	1014	1015	1016	1017	1018	1018	1018	1017	1017	1018	1018	1018	1018	1018	1018	1018	1017	1017	1016	1016
23	1017	1016	1016	1016	1017	1018	1018	1019	1020	1021	1021	1021	1020	1020	1020	1020	1020	1020	1020	1021	1020	1021	1021	1020	1019	1019
24	1020	1019	1019	1018	1017	1016	1016	1016	1015	1015	1013	1012	1010	1009	1008	1007	1007	1008	1008	1008	1009	1009	1010	1011	1013	1013
25	1012	1012	1013	1013	1014	1015	1016	1016	1017	1018	1019	1019	1018	1018	1018	1018	1018	1019	1020	1020	1020	1020	1020	1020	1017	1017
26	1020	1020	1020	1020	1020	1021	1021	1022	1022	1023	1023	1022	1021	1021	1020	1020	1020	1020	1020	1021	1022	1022	1022	1022	1021	1021
27	1022	1022	1022	1022	1022	1023	1023	1023	1024	1024	1024	1024	1023	1022	1021	1021	1020	1020	1020	1019	1018	1017	1015	1013	1013	1021
28	1011	1009	1007	1006	1004	1004	1002	1001	999	998	997	995	994	994	994	995	996	997	998	999	999	999	1000	999	1000	1000

Avg	1018	1018	1017	1017	1017	1018	1018	1018	1018	1019	1019	1018	1017	1017	1016	1016	1016	1017	1017	1017	1017	1017	1017	1017	1017	1017
SD	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7
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	0.01	
Min	1005	1004	1003	1002	1001	1001	1001	1001	999	998	997	995	994	994	994	995	996	997	998	999	999	999	1000	999	1000	
Max	1028	1028	1027	1027	1028	1028	1028	1029	1029	1029	1030	1030	1029	1029	1029	1029	1029	1028	1029	1029	1029	1028	1029	1029	1028	
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% 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 2005

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

Avg	12.7	12.6	12.6	12.6	12.6	12.6	12.6	12.9	13.3	13.5	13.5	13.6	13.6	13.6	13.5	13.5	13.3	12.9	12.8	12.7	12.7	12.7	12.7	12.7	13
S D	0.1	0	0	0	0	0.1	0.1	0.5	0.5	0.4	0.3	0.3	0.2	0.3	0.3	0.3	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
S/A	0	0	0	0	0	0	0	0.04	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.01	0.01	0	0	0	0	0	0.01
Min	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.4	12.5	12.5	12.7	12.6	12.6	12.6	12.6	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.6
Max	12.7	12.7	12.7	12.7	12.7	12.7	12.6	13.8	14	13.9	13.9	13.8	13.8	13.9	13.9	13.8	13.8	13.2	12.8	12.8	12.8	12.8	12.7	12.7	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% 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.