

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

February 2006

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	44	199	381	519	573	578	562	467	263	133	22	0	0	0	0	0	0	3742
2	0	0	0	0	0	0	0	51	199	382	502	610	426	377	328	110	56	11	0	0	0	0	0	0	3053
3	0	0	0	0	0	0	0	25	106	255	290	370	481	398	306	185	75	13	0	0	0	0	0	0	2505
4	0	0	0	0	0	0	0	10	52	129	184	166	177	117	111	102	35	6	0	0	0	0	0	0	1089
5	0	0	0	0	0	0	0	35	168	410	439	202	429	386	243	229	154	32	0	0	0	0	0	0	2728
6	0	0	0	0	0	0	0	52	227	416	597	618	644	449	428	298	145	23	0	0	0	0	0	0	3897
7	0	0	0	0	0	0	0	6	35	69	165	249	536	626	516	354	159	27	0	0	0	0	0	0	2741
8	0	0	0	0	0	0	0	56	225	417	474	590	690	508	413	320	120	26	0	0	0	0	0	0	3838
9	0	0	0	0	0	0	0	35	129	384	492	265	262	220	176	138	102	28	0	0	0	0	0	0	2231
10	0	0	0	0	0	0	2	64	237	421	575	660	596	635	569	372	152	21	0	0	0	0	0	0	4304
11	0	0	0	0	0	0	0	11	41	60	60	54	54	54	53 ?	42	22	2	0	0	0	0	0	0	453
12	0	0	0	0	0	0	0	9	34	187	206	306	295	163	256	270	78	20	0	0	0	0	0	0	1824
13	0	0	0	0	0	0	4	70	233	431	592	681	706	665	553	388	188	40	0	0	0	0	0	0	4550
14	0	0	0	0	0	0	5	72	257	448	590	679	700	652	543	381	183	38	0	0	0	0	0	0	4548
15	0	0	0	0	0	0	6	71	252	442	584	673	700	660	548	383	178	29	0	0	0	0	0	0	4526
16	0	0	0	0	0	0	2	40	255	446	589	677	699	638	510	349	161	41	0	0	0	0	0	0	4406
17	0	0	0	0	0	0	3	91	178	294	299	207	358	630	531	356	172	39	0	0	0	0	0	0	3157
18	0	0	0	0	0	0	4	33	61	68	74	68	85	68	49	50	26	6	0	0	0	0	0	0	591
19	0	0	0	0	0	0	5	82	269	479	605	759	588	577	498	432	196	57	0	0	0	0	0	0	4548
20	0	0	0	0	0	0	3	15	38	77	97	100	144	368	298	295	139	47	0	0	0	0	0	0	1622
21	0	0	0	0	0	0	4	18	73	175	429	659	677	655	578	413	209	45	0	0	0	0	0	0	3936
22	0	0	0	0	0	0	4	58	124	174	88	99	139	154	111	67	26	5	0	0	0	0	0	0	1049
23	0	0	0	0	0	0	1	4 ?	?	71	96	138	200	351	240	293	143	12	0	0	0	0	0	0	1549 ?
24	0	0	0	0	0	0	11	107	273	440	534	693	766	719	602	441	234	55	0	0	0	0	0	0	4875
25	0	0	0	0	0	0	7	83	224	446	410	643	418	397	308	210	97	23	0	0	0	0	0	0	3267
26	0	0	0	0	0	0	2	39	144	292	599	768	792	743	631	456	232	56	0	0	0	0	0	0	4755
27	0	0	0	0	0	0	13	120	273	479	618	768	792	743	631	456	234	57	0	0	0	0	0	0	4960
28	0	0	0	0	0	0	12	97	134	132	189	411	459	646	382	269	225	52	0	0	0	0	0	0	3007

Avg	0	0	0	0	0	0	3	50	164	299	389	452	478	469	387	283	138	30	0	0	0	0	0	0	3134
S D	0	0	0	0	0	0	4	33	84	151	202	252	232	217	179	127	65	17	0	0	0	0	0	0	1392
S/A	0	0	0	0	0	0	1.21	0.65	0.51	0.51	0.52	0.56	0.49	0.46	0.46	0.45	0.47	0.57	0	0	0	0	0	0	0.44
Min	0	0	0	0	0	0	0	4	34	60	60	54	54	49	42	22	2	0	0	0	0	0	0	0	453
Max	0	0	0	0	0	0	13	120	273	479	618	768	792	743	631	456	234	57	0	0	0	0	0	0	4960
n	0	0	0	0	0	0	51	328	321	335	335	333	334	334	333	335	334	232	0	0	0	0	0	0	3605

Daylight Data Recovery: 0.0% missing; 0.0% untested; 0.9% exceed the 15% QC threshold -- 3639 total daylight measurements.

Instrument: Eppley PSP Serial Number: 31256F3 Calibration Factor: 7.561 μV/W/m² 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 2006

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	291	657	807	849	713	606	608	612	508	264	64	0	0	0	0	0	0	5979
2	0	0	0	0	0	0	0	272	556	769	808	877	420	185	281	1	0	0	0	0	0	0	0	0	4169
3	0	0	0	0	0	0	0	0	3	62	65	106	277	134	82	24	3	9	0	0	0	0	0	0	766
4	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3
5	0	0	0	0	0	0	0	24	273	799	595	75	368	237	104	280	424	177	0	0	0	0	0	0	3357
6	0	0	0	0	0	0	0	323	727	819	883	784	827	358	433	354	323	39	0	0	0	0	0	0	5869
7	0	0	0	0	0	0	0	0	0	0	0	2	574	937	903	838	649	244	0	0	0	0	0	0	4147
8	0	0	0	0	0	0	0	328	695	795	539	687	908	606	497	578	164	7	0	0	0	0	0	0	5805
9	0	0	0	0	0	0	0	5	13	399	513	20	9	8	5	6	142	213	0	0	0	0	0	0	1332
10	0	0	0	0	0	0	0	416	737	875	925	923	669	661	728	499	247	10	0	0	0	0	0	0	6691
11	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
12	0	0	0	0	0	0	0	0	0	103	150	101	121	13	208	266	131	2	0	0	0	0	0	0	1095
13	0	0	0	0	0	0	0	370	482	668	865	942	950	946	920	851	687	322	0	0	0	0	0	0	8002
14	0	0	0	0	0	0	11	413	733	852	903	926	928	908	873	801	632	275	0	0	0	0	0	0	8256
15	0	0	0	0	0	0	12	371	689	825	888	914	920	918	884	809	557	123	0	0	0	0	0	0	7910
16	0	0	0	0	0	0	1	99	699	845	891	914	912	852	727	603	368	162	0	0	0	0	0	0	7074
17	0	0	0	0	0	0	5	154	100	125	44	0	54	585	692	582	319	118	0	0	0	0	0	0	2778
18	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	236	551	804	687	827	495	573	698	827	590	340	0	0	0	0	0	0	6629
20	0	0	0	0	0	0	0	0	0	0	1	0	1	36	74	225	118	162	0	0	0	0	0	0	618
21	0	0	0	0	0	0	0	0	0	4	55	621	639	719	772	788	637	248	0	0	0	0	0	0	4483
22	0	0	0	0	0	0	0	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
23	0	0	0	0	0	0	0	0	0	0	1	0	3	28	18	186	179	1	0	0	0	0	0	0	417
24	0	0	0	0	0	0	56	321	407	430	403	747	889	887	911	882	753	421	0	0	0	0	0	0	7108
25	0	0	0	0	0	0	4	41	158	457	90	438	64	55	26	7	0	0	0	0	0	0	0	0	1340
26	0	0	0	0	0	0	0	0	2	146	711	950	966	960	941	878	672	345	0	0	0	0	0	0	6571
27	0	0	0	0	0	0	116	238	180	388	594	817	931	900	777	802	514	221	0	0	0	0	0	0	6477
28	0	0	0	0	0	0	7	70	24	0	0	69	104	610	111	215	588	241	0	0	0	0	0	0	2038

Avg	0	0	0	0	0	0	8	142	275	392	409	445	451	454	438	422	320	134	0	0	0	0	0	0	3890
S D	0	0	0	0	0	0	24	159	306	366	380	409	388	379	372	344	264	134	0	0	0	0	0	0	2938
S/A	0	0	0	0	0	0	3.13	1.12	1.11	0.93	0.93	0.92	0.86	0.83	0.85	0.81	0.82	1	0	0	0	0	0	0	0.76
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	116	416	737	875	925	950	966	960	941	882	753	421	0	0	0	0	0	0	8256
n	0	0	0	0	0	0	51	332	336	336	336	336	336	336	336	336	336	232	0	0	0	0	0	0	3639

Daylight Data Recovery: 0.0% missing; 0.0% untested; 0.0% exceed the 15% QC threshold -- 3639 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 2006

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	21	47	61	76	137	188	199	164	84	86	18	0	0	0	0	0	0	1082
2	0	0	0	0	0	0	0	23	65	69	76	83	153	268	174	110	56	11	0	0	0	0	0	0	1089
3	0	0	0	0	0	0	0	25	106	231	255	301	294	314	261	180	75	13	0	0	0	0	0	0	2054
4	0	0	0	0	0	0	0	10	52	129	184	166	177	117	111	102	35	6	0	0	0	0	0	0	1089
5	0	0	0	0	0	0	0	36	88	79	129	152	185	235	188	128	80	20	0	0	0	0	0	0	1320
6	0	0	0	0	0	0	0	21	47	73	128	126	116	203	188	168	69	20	0	0	0	0	0	0	1158
7	0	0	0	0	0	0	0	6	33	69	165	249	160	60	55	44	31	11	0	0	0	0	0	0	882
8	0	0	0	0	0	0	0	24	48	81	177	154	118	128	138	93	81	25	0	0	0	0	0	0	1067
9	0	0	0	0	0	0	0	35	126	199	197	249	252	215	173	134	81	12	0	0	0	0	0	0	1673
10	0	0	0	0	0	0	?	22	48	52	62	74	141	215	187	172	96	19	0	0	0	0	0	0	1089
11	0	0	0	0	0	0	0	12	41	60	58	50	53	51	49	40	22	2	0	0	0	0	0	0	437
12	0	0	0	0	0	0	0	9	31	143	115	238	214	155	152	157	44	20	0	0	0	0	0	0	1277
13	0	0	0	0	0	0	3	31	96	129	101	72	71	69	58	50	37	14	0	0	0	0	0	0	733
14	0	0	0	0	0	0	4	25	50	63	70	74	75	74	68	58	42	16	0	0	0	0	0	0	619
15	0	0	0	0	0	0	7 ?	28	54	66	69	70	72	69	62	53	47	18	0	0	0	0	0	0	614
16	0	0	0	0	0	0	2	23	50	58	65	68	70	82	104	90	72	26	0	0	0	0	0	0	709
17	0	0	0	0	0	0	3	70	142	239	273	207	321	235	135	103	90	26	0	0	0	0	0	0	1843
18	0	0	0	0	0	0	4	33	61	68	74	68	81	68	49	50	26	6	0	0	0	0	0	0	588
19	0	0	0	0	0	0	7 ?	44	96	94	171	186	225	178	102	84	46	27	0	0	0	0	0	0	1260
20	0	0	0	0	0	0	3 ?	15	38	77	97	100	143	346	258	192	112	32	0	0	0	0	0	0	1414
21	0	0	0	0	0	0	5 ?	18	73	174	386	195	173	132	118	64	45	22	0	0	0	0	0	0	1404
22	0	0	0	0	0	0	4	57	124	174	88	95	139	154	111	67	26	5	0	0	0	0	0	0	1044
23	0	0	0	0	0	0	1 ?	4 ?	19 ?	68	96	138	200	327	231	217	76	11	0	0	0	0	0	0	1388
24	0	0	0	0	0	0	13 ?	45	114	194	222	109	68	66	60	49	37	15	0	0	0	0	0	0	991
25	0	0	0	0	0	0	7	75	161	219	353	321	376	362	298	210	97	23	0	0	0	0	0	0	2502
26	0	0	0	0	0	0	2	39	144	205	134	89	83	77	68	59	48	21	0	0	0	0	0	0	970
27	0	0	0	0	0	0	14	84	191	217	225	146	97	92	101	77	63	24	0	0	0	0	0	0	1332
28	0	0	0	0	0	0	11	85	127	132	189	364	384	211	314	177	61	26	0	0	0	0	0	0	2082

Avg	0	0	0	0	0	0	3	33	81	122	151	153	165	168	142	108	60	18	0	0	0	0	0	0	1204
S D	0	0	0	0	0	0	4	23	45	64	88	85	92	95	77	56	25	8	0	0	0	0	0	0	487
S/A	0	0	0	0	0	0	1.23	0.69	0.56	0.52	0.58	0.56	0.56	0.57	0.54	0.52	0.41	0.43	0	0	0	0	0	0	0.4
Min	0	0	0	0	0	0	0	4	19	52	58	50	53	51	49	40	22	2	0	0	0	0	0	0	437
Max	0	0	0	0	0	0	14	85	191	239	386	364	384	362	314	217	112	32	0	0	0	0	0	0	2502
n	0	0	0	0	0	0	43	323	331	336	336	336	336	336	335	336	335	232	0	0	0	0	0	0	3615

Daylight Data Recovery: 0.0% missing; 0.0% untested; 0.7% exceed the 15% QC threshold -- 3639 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 2006

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	4.3	3	2.8	2.3	1.6	1	0.6	0.7	2.2	5	6.6	7.8	8.4	9	9.2	8.9	8.8	8.1	7	6.1	5.8	5.7	5.3	4.8	5.2
2	4.4	3.9	4	4.1	4.1	4.4	4.4	4.5	6.4	8.9	10.9	12.5	13.4	13.3	13.7	13	12.1	11	10.3	10.1	10	11.6	12.8	14.4	9.1
3	14.5	15.5	16	16.1	16.3	16.6	16.4	16.4	16.5	17.1	17.9	18.5	19.2	19.7	19.8	19.6	19.2	18.2	16.9	15.8	15.1	14.5	13.7	12.7	16.8
4	11.9	11.4	11.5	11.9	12.8	13.5	14	15.3	15.5	15	16.9	17.4	18.1	18.8	19	19.2	18.7	18.7	18.5	17.9	17.3	16.3	14.7	12.6	15.7
5	9.9	8.8	8.2	7.5	7	6.3	5.7	5.6	5.9	6.4	6.9	6.7	7.1	7.6	7.6	7.6	7.6	6.4	5.5	4.9	4.4	4.4	4.1	3.5	6.5
6	3.3	2.8	2.5	1.9	1.6	1.4	1.1	0.9	2.2	3.8	5.4	6.8	7.8	8.7	9.3	9.6	10	8.9	7.7	7.2	6.7	6.7	6.8	7.1	5.4
7	7.2	7.1	7	6.6	6.3	6.1	6.1	6.1	6	6	6	6.6	7.4	8.7	9.6	10.3	9.1	6.4	5.1	4.5	3.8	2.8	2.3	1.5	6.2
8	0.2	0.5	1	0.9	0.8	0.6	0.6	0.9	2.4	3.4	4.5	5.6	6.7	6.7	7.1	7.6	7.2	6.4	4.1	3.3	3.3	3.4	3.4	3	3.5
9	2.3	1.1	0.8	0.4	0.3	-0.4	-0.3	0.2	1.9	4.3	5.2	5.3	5.2	5	3.8	3.6	3.8	3.6	2	1.6	1.2	0.7	-0.3	-0.7	2.1
10	-1.5	-1.4	-1.1	-1.4	-2.1	-2.8	-3.5	-3.3	-1.4	1.8	3.8	5.4	6.1	7.3	8.6	9	9.4	8.6	7.4	6.4	6.2	6.6	6.6	6.6	3.4
11	6.7	6.8	7	6.6	6.6	6.5	6.2	7.2	6.9	6.6	6.5	6.1	5.7	5.6	5.7	6	6.3	6.6	6.7	7	7.1	7	6.8	6.7	6.5
12	6.2	4.8	3.2	2.1	1.8	1.8	1.8	1.9	1.7	1.6	1.7	2.5	2.7	3	3.2	4.4	3.4	2.1	1.8	0.8	0.3	0.4	0.6	0.2	2.2
13	-0.3	-1	-1.7	-2.1	-2.5	-2.9	-3.3	-3.1	-1.7	0.3	1.5	2.4	2.9	3.7	4.3	4.7	4.8	4.2	3.1	2.3	2.1	1.9	1.8	1.7	1
14	1.7	1.5	1.2	1	1	1	0.5	0.6	1.9	3.3	4.8	6.5	8.1	9.3	9.9	10.8	11.3	10.7	9	8	7.2	6.2	5.7	5.3	5.3
15	5	4.8	4.6	4.1	4.2	4.2	4	4.2	6.2	9.3	12	13.9	15	16	17.2	17.8	17.5	15.9	13.9	12.4	11.1	10.5	10.1	10.3	10.2
16	9.8	9.3	8.7	8.5	8.5	8.6	7.7	8.1	10.6	14.4	16.8	18.2	18.9	19.5	19.9	20	19	17.1	15.7	15	14.3	13.6	13.2	13.1	13.7
17	12.5	12.3	11.9	12	12.3	12.5	12.5	12.8	13.9	15.9	17.1	17.6	18.4	20.1	20.9	21	21	20.5	13.8	11.4	10.2	9.4	8.9	8.2	14.5
18	7.6	7.5	7.2	6.7	6	5.7	5.5	5.6	5.8	5.8	5.8	5.8	5.7	5	3.6	2.1	2.3	2.5	2.6	2.5	2.3	2.3	2.3	1.4	4.6
19	-0.3	-1.8	-2.8	-4.1	-4.8	-5.4	-6.2	-6.3	-5.4	-4.2	-3.3	-2.4	-1.6	-0.9	-0.1	0.3	0.4	-0.5	-1.5	-1.8	-2.1	-2.3	-2.2	-1.9	-2.6
20	-1.7	-1.5	-1.1	-0.7	-1.2	-2.1	-2.3	-2	-1.7	-0.9	-0.1	-0.2	0.4	1.9	2.8	4.1	4.3	4	2.4	1.8	1.3	1	1.5	1.9	0.5
21	2.3	3	3	3.3	3.7	4	4	4.3	4.9	5.9	7.5	9.5	10.8	11.6	12.4	13.1	12	8.4	6.7	5.6	5	4.9	5.2	4.9	6.5
22	4.6	4.8	4.7	4.8	5.3	5.8	6.6	7.2	8.2	9	9.5	10	10	11.1	11.4	11.5	11.2	10.8	10.7	10.3	9.6	9	8.3	7.2	8.4
23	6.8	6.6	6.4	6.6	6.7	6.3	6	6	6	6.3	6.8	7.2	7.7	9.2	10.1	11.3	12	11.1	10.2	9	8.6	8.1	7.1	6.6	7.9
24	6.1	5.6	6.3	6.5	6.4	6.6	6.4	6.4	7.7	8.5	8.9	10.4	11.4	11.7	12.3	12.9	12.7	11.8	7.7	6	5.3	4.8	4	3.8	7.9
25	3.8	3.8	3.6	3.6	3.6	3.5	3.9	4.4	6	9.8	12.4	14.2	15.1	16	16.4	16.4	16.2	15.5	15	14.2	13.4	12.9	12.5	12.1	10.3
26	11.4	7.8	6	4.6	3.6	2.7	1.9	1.4	1.4	1.2	1.6	2.1	2.6	3.2	3.2	3.4	3.6	3	1.9	1.1	0.5	0	-0.7	-1.1	2.8
27	-1.7	-3	-3.5	-4	-4.5	-4.5	-4.9	-3.8	-1.9	0	2.2	3.5	4.6	6	7.2	8.2	8.6	8.1	6.9	6.3	5.6	5	5	5	2.1
28	5.4	6	6.1	6.9	7.6	7.6	6.9	6.9	7.5	8.1	7.7	8.2	9.7	11.3	11.1	9	7.6	7	5.9	5.2	4.8	4.7	4.8	4.4	7.1

Avg	5.1	4.6	4.4	4.2	4	3.9	3.7	3.9	4.8	6.2	7.3	8.1	8.9	9.6	10	10.2	10	9.1	7.7	7	6.4	6.1	5.9	5.5	6.5
SD	4.5	4.5	4.6	4.7	5	5.3	5.4	5.4	5.2	5.2	5.4	5.5	5.6	5.7	5.8	5.8	5.6	5.5	5.1	5	4.8	4.7	4.6	4.6	4.7
S/A	0.88	0.97	1.04	1.14	1.24	1.36	1.47	1.4	1.08	0.84	0.74	0.68	0.64	0.6	0.58	0.57	0.56	0.6	0.66	0.72	0.75	0.77	0.78	0.82	0.72
Min	-1.7	-3	-3.5	-4.1	-4.8	-5.4	-6.2	-6.3	-5.4	-4.2	-3.3	-2.4	-1.6	-0.9	-0.1	0.3	0.4	-0.5	-1.5	-1.8	-2.1	-2.3	-2.2	-1.9	-2.6
Max	14.5	15.5	16	16.1	16.3	16.6	16.4	16.4	16.5	17.1	17.9	18.5	19.2	20.1	20.9	21	21	20.5	18.5	17.9	17.3	16.3	14.7	14.4	16.8
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: 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 2006

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	81.2	88.8	90.9	93	95.3	97.2	98.7	98.4	92.7	78.7	71.4	66.8	64.3	63.4	62.3	65.6	64.6	68.1	75.4	84	92.4	96.9	99.1	99.9	82.9
2	100.3	102.1	103.8	104.8 ?	?	?	?	?	99.6	89.9	81.5	74.9	72.6	73.2	71.9	73	80.3	86.5	90.6	92.3	95.5	96.9	97.8	96.8	89.2 ?
3	97.9	97.1	98.4	101.1	104.1	104	104.9 ?	104.5	102.3	100.5	97.8	92.8	86.4	81.7	79.9	79	80.4	83.4	88.5	93	96.3	99.8	103.4	?	94.7
4	?	?	?	?	?	?	?	?	?	?	102 ?	100.5	98.6	97.6	97.9	96.5	94.8	91.1	88	90.7	95.8	74.5	75.2	76.8	91.4 ?
5	78.8	78.5	77.5	79.1	80.6	82	82.7	80.2	76.5	70	64.1	59.1	55.6	51.6	51.9	50.3	50	53.1	56.7	60.8	66.3	65.5	65.5	68.3	66.9
6	67.3	68.6	68.9	70.9	72.1	72	73.5	74.3	68.6	61.7	56.8	53.7	48.6	41.3	41	40.3	39.7	46.9	55.5	58	60.4	62.9	62.3	59.4	59.4
7	60.4	63.6	69.2	74.9	78.9	82.1	83.6	73.4	66	61.7	52.4	49.9	43.5	40	38.2	34.7	45.6	62.6	66.8	67.6	72.1	79.6	79.7	80.9	63.6
8	90.5	91.5	86.7	86.6	85.3	83	80.9	80	73.4	64.9	61.6	56.5	54.9	55.5	51.8	50.1	52.4	55.6	76.7	79.9	82.6	84.3	86.9	89	73.4
9	93	99.2	99.5	99.9	100	100.1	98.9	97.7	91.9	79.9	71.5	67	65.4	66.8	78.6	75.1	70.1	70.3	79.5	73.9	71.1	69.2	72.2	70.9	81.7
10	76	73.8	73.6	71.8	71.3	74.3	77.7	78.7	75.3	72.8	65.7	48.6	43.5	41	38.4	39.7	40.5	45.6	56.4	65.9	70.9	72.1	75.3	79.3	63.7
11	82	83.5	83.3	87.3	90.7	92.1	95.3	87.2	92.5	99.1	103	104.8	?	?	?	?	?	?	?	?	?	?	?	?	91.7 ?
12	?	?	?	105 ?	103.4	100.8	98.2	96.8	96	96.5	91.3	84.4	84.4	81.8	79.6	71	78.9	91.2	88.6	97	98.1	89.5	84.3	85.6	90.6 ?
13	88.6	90.9	92.1	91.4	92.2	93.5	95.8	93.8	86.8	74.4	65.4	56	52.5	48.7	45.1	43.6	42.5	45.8	52.6	59	60.2	65.3	73.6	72.9	70.1
14	70.5	71.7	73.3	74.9	75.7	75.5	78.6	78.5	73.1	66.1	59.5	52	48.6	49.3	46	43.3	42.9	47.1	56.9	64.5	70.4	76.4	79.3	82.1	64.8
15	86.7	86.6	88	93.5	92.4	92.1	92.5	93.4	85.6	69	59.1	52.3	45	38	33.7	32.4	33.5	41	51.3	61.7	72.5	77.1	76.4	80.4	68.1
16	86.9	89.7	91.6	92.6	94.3	95.7	98.5	98.3	92	82.3	72	64.9	61.1	58.7	62.2	62.9	65.5	72.8	79	83.8	88.1	91.5	92.4	93.1	82.1
17	96.3	97.6	99.1	99.4	97.4	96.2	96.2	96.1	95	91.4	86.8	83	77.2	69	64.4	62.2	62	61.6	61.5	66.2	65.6	63.5	60	62.9	79.6
18	61.1	55.9	58.6	58.9	60.2	64.6	67.1	73.4	70.7	66.6	66.2	68.4	65.1	77.9	91.3	103.8	?	?	103.1 ?	102.7	103.1	102.1	91.5	77.4	76.8 ?
19	71.3	66.5	63.4	57.2	63.7	67.7	70.1	69.4	69.2	69.8	68.7	64.4	61.6	59.8	56.3	55	56.2	61.2	71.6	76.9	79.1	81.6	83.4	83.1	67.8
20	82.3	81.7	83.5	82.8	90.4	103.2	?	?	?	104.2 ?	102	103.4	102.9	99.4	93.1	85.7	84.7	88.7	99.3	99.9	101	102.2	101.9	101.5	94.9 ?
21	102.1	101.5	101.8	102.6	103.9	104.7	105 ?	?	?	?	103.1 ?	94.4	76.4	67.4	60.9	56.2	52.5	61.4	83.2	91.1	95.9	98.8	101.6	101.9	89.4 ?
22	104 ?	?	?	?	?	?	?	?	?	?	?	104	102.7	101.6	95.8	94.7	98.5	100	103.3	?	?	?	?	?	100.5 ?
23	?	?	?	?	?	?	?	?	?	?	?	?	104.6 ?	99.9	95.3	86.7	80.7	85.4	92.8	97.9	98.9	99.2	85.7	69.9	91.4 ?
24	66.9	65.6	58.9	58.4	60.3	60.3	62.2	63.2	59.4	54.2	57	48.6	33.9	30	30.3	22.2	18.7	21.4	59	63.5	63.7	68.7	71.4	72.5	52.9
25	75.1	75.5	77	78.5	77	77.4	77.3	80.8	82.6	74	58.7	50.9	45.5	46.7	52.9	59.1	65	66.1	64.7	69.1	73.8	78.1	82.3	86.8	69.8
26	88.2	56.3	53.1	53.4	45.5	52.2	55.4	60	59.6	57.8	50.5	41	35.6	34.4	31.3	30.6	31.7	34	37.9	41.5	45.1	46	46.5	46.1	47.2
27	49.4	59.6	60.7	62.4	64.3	63.7	67.3	64.5	57.6	49.9	39.5	35	33.2	32.2	30.9	28.4	28	31.6	37.4	39.9	44.7	51.9	56.4	59.2	47.8
28	60.7	61.1	61.9	58.5	56.4	57.9	60.6	63.3	62.8	59.6	59.7	57.4	59.5	55.3	60.9	73.1	76.3	79.7	86.4	90.7	94.3	97.7	99.5	100.1	70.6

Avg	80.7	79.5	79.8	81.5	81.5	83	83.5	82.1	79.5	77	72.6	67.2	63.2	61.1	60.7	59.9	59.6	63	71.8	76	79.3	80.5	80.9	79.9	75.8 ?
S D	14.7	15.1	15.6	16.8	16.9	16.2	15.1	13.6	14	16.7	18.4	20	21.1	21.3	22.1	22.9	21.7	20.3	18.5	17.8	17.3	16.3	15.2	14.6	14.8
S/A	0.18	0.19	0.2	0.21	0.21	0.2	0.18	0.17	0.18	0.22	0.25	0.3	0.33	0.35	0.36	0.38	0.36	0.32	0.26	0.23	0.22	0.2	0.19	0.18	0.2
Min	49.4	55.9	53.1	53.4	45.5	52.2	55.4	60	57.6	49.9	39.5	35	33.2	30	30.3	22.2	18.7	21.4	37.4	39.9	44.7	46	46.5	46.1	47.2
Max	104	102.1	103.8	105	104.1	104.7	105	104.5	102.3	104.2	103	104.8	104.6	99.9	98.5	103.8	103.3	91.2	103.1	102.7	103.1	102.2	103.4	101.9	100.5
n	297	288	288	282	288	288	262	264	276	295	321	322	315	324	324	322	310	300	308	312	312	312	310	300	7222

Data Recovery: 0.0% missing; 0.0% untested; 10.4% 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 2006

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	3.6	2.4	1.6	1	0.3	-0.2	-0.8	-1.1	0.7	4.5	8.2	11.1	13	13.9	13.9	13.4	12.1	10.4	7.7	6.3	5.7	5.1	4.4	3.6	5.9
2	2.9	2.4	2.2	2.4	2.6	2.9	2.9	2.7	4.5	7.5	11.3	14.4	16.6	16.4	16.6	15.9	14.4	13.1	11.6	10.9	10.5	10.6	11.4	12.7	9.1
3	13.8	14.5	14.8	15	15.4	15.9	16.1	16.3	16.4	17	18.4	19.5	20.4	21.4	21.7	21.5	20.7	19.4	17.5	16	14.9	14.1	13.4	12.9	17
4	12.3	11.8	11.7	12	12.4	13.1	13.7	14.3	15.1	15.5	16	17.1	18	18.9	19.5	19.8	19.6	19.1	18.8	18.4	17.9	17.5	16.5	15	16
5	12.4	9.9	8.4	7.4	6.6	6	5.5	5.2	5.7	7.2	8.9	9	8.5	9.2	9.5	9.2	9.1	8.7	6.5	5	4.1	3.5	3.2	2.8	7.1
6	2.4	2	1.7	1.4	1	0.5	0.2	-0.1	1.4	4	6.6	8.7	10.1	10.9	10.9	11.2	11.6	10.7	8.7	7.5	6.7	6.2	6.5	6.7	5.7
7	7	7.2	7.2	7	6.7	6.4	6.2	6.2	6.2	6.4	6.8	7.6	9	11.5	12.7	13.3	13.2	11	6.9	4.1	2	0.1	-1	-1.8	6.7
8	-2.6	-2.7	-2.2	-1.6	-1.2	-1.1	-1.1	-1	1	4	6.7	8.9	10.9	12.2	11.2	10.9	10.5	8.4	5.9	4	2.9	2.2	2	1.4	3.7
9	0.7	-0.1	-0.5	-0.8	-1.3	-1.7	-1.9	-1.3	-0.2	2.7	6.8	8.6	8.4	8	7.2	6.2	5.5	5	2.3	-0.5	-1.7	-2	-2.4	-2.8	1.8
10	-3.3	-4.3	-4	-3.6	-3.9	-4.5	-5.3	-5.3	-2.6	1.6	5.6	8.2	9.7	10.3	11.4	12	11.9	10.5	8	6.1	5.4	5.1	5.3	5.5	3.3
11	5.8	6.1	6.4	6.4	6.2	6.2	6.2	6.1	6.4	6.8	6.9	6.7	6.4	6.3	6.2	6.2	6.5	6.7	6.9	7.1	7.4	7.5	7.5	7.4	6.6
12	7.2	6.7	5.5	3.9	2.9	2.5	2.3	2.3	2.3	2.4	2.9	3.7	4.7	5	4.7	5.7	5.8	4	2.4	0.9	-0.4	-1	-0.9	-0.8	3.1
13	-1.1	-1.6	-2.4	-3.2	-3.8	-4.2	-4.8	-4.8	-2.7	0.4	4	6.4	7.5	7.7	7.7	7.7	7.8	6.7	4.1	1.9	0.6	0.1	-0.2	-0.3	1.4
14	-0.2	-0.1	-0.3	-0.3	-0.4	-0.5	-0.8	-0.7	1.3	4	6.5	8.9	10.7	12	12.8	13.1	13.5	12.9	10.1	7.7	6.4	5.2	4.4	3.9	5.4
15	3.4	3.1	3	2.6	2.1	2.1	2.2	2.7	4.9	8.3	12	15.7	17.6	18.4	19	19.8	20.1	18.7	15.4	13.1	11.6	10.4	9.6	9.2	10.2
16	9	8.6	7.9	7.3	7.2	7.2	6.9	6.4	8.1	12.6	16.9	19.7	21.5	22.3	22.7	22.8	22.4	20.8	17.8	15.8	14.5	13.5	12.8	12.4	14
17	12.1	11.8	11.3	11	11.2	11.5	11.6	11.9	13.3	15.1	17.2	18.3	18.8	20.3	22.2	23	23.1	22.5	19.8	15	12.1	10.4	9.6	8.9	15.1
18	8	7.6	7.5	7.4	6.9	6.2	5.9	5.8	6.1	6.5	6.7	6.7	6.7	6.3	5.1	3.8	3.1	2.9	2.8	2.6	2.2	2	2	2	5.1
19	1.4	0	-1.7	-2.9	-4.3	-5.3	-6.2	-6.8	-5.4	-3	-0.5	1.7	3.4	3.8	4	4.7	5.2	3.6	0.5	-1.7	-2.9	-3.9	-4	-3.7	-1
20	-3.1	-2.5	-1.9	-1.4	-1	-1.1	-1.5	-1.6	-1.3	-0.6	0.7	1.3	1.3	2.2	3.6	5.2	6.3	6.1	4.1	2	0.7	0	-0.2	0.1	0.7
21	0.9	1.9	2.3	2.4	3.1	3.6	4	4.3	4.8	5.7	7.7	10.6	13.7	14.7	15.2	15.9	16.2	14.1	9.8	6.6	4.8	3.9	3.7	3.7	7.2
22	3.4	3.5	3.8	4.1	4.4	5	5.6	6.2	7.2	8.6	9.9	10.3	10.3	10.5	11.6	12.3	12.5	12.1	11.7	11.4	10.8	10.1	9.4	8.6	8.5
23	7.9	7.4	7.1	6.9	7	7.1	6.8	6.6	6.5	6.6	7.1	7.7	8.1	9.2	10.8	12.1	13.7	13.2	11.5	9.5	7.9	7.1	6.4	5.8	8.3
24	5.4	4.7	4.7	5	5.3	5.5	5.5	5.6	7.4	9.5	11.2	12.7	14.3	15	15.1	15.6	15.7	14.7	11.4	7.3	4.7	3.4	2.6	1.8	8.5
25	1.5	1.7	1.9	1.8	1.8	1.8	1.8	2.3	4	7.5	11.7	14.1	16.3	17	17.6	17.6	17.4	16.7	15.7	15.1	14.3	13.6	13	12.6	9.9
26	12.1	11	8.7	7	5.7	4.5	3.4	2.5	2.1	2.4	3.3	4.8	5.8	6.4	6.5	6.5	6.6	5.8	3.4	1.1	-0.3	-1	-1.8	-2.6	4.3
27	-3.4	-4.2	-5.2	-5.7	-6.1	-6.5	-6.9	-6.1	-3.5	-0.8	2.4	5	6.6	7.7	8.7	9.6	10.4	9.9	8.1	6.3	5	3.8	3	3.3	1.7
28	3.7	4.5	4.8	5.1	6	6.9	6.6	6.2	7.1	8	8.7	9.6	11.5	13.8	15.3	14.1	12.4	11	8.3	5.9	4.7	4	3.7	3.6	7.7

Avg	4.4	4	3.7	3.5	3.3	3.2	3	3	4.2	6.1	8.2	9.9	11.1	11.8	12.3	12.5	12.4	11.4	9.2	7.3	6.2	5.4	5	4.7	6.9
S D	5.2	5.1	5	5	5.2	5.4	5.7	5.7	5.3	4.9	4.8	5	5.3	5.4	5.7	5.5	5.4	5.4	5.4	5.5	5.5	5.4	5.3	5.3	4.6
S/A	1.18	1.27	1.35	1.44	1.56	1.7	1.88	1.87	1.27	0.8	0.59	0.5	0.48	0.46	0.45	0.45	0.48	0.59	0.74	0.89	1.01	1.08	1.13	1.13	0.67
Min	-3.4	-4.3	-5.2	-5.7	-6.1	-6.5	-6.9	-6.8	-5.4	-3	-0.5	1.3	1.3	2.2	3.6	3.8	3.1	2.9	0.5	-1.7	-2.9	-3.9	-4	-3.7	-1
Max	13.8	14.5	14.8	15	15.4	15.9	16.1	16.3	16.4	17	18.4	19.7	21.5	22.3	22.7	23	23.1	22.5	19.8	18.4	17.9	17.5	16.5	15	17
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.

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 2006

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	1.8	1.5	1	1.1	1	0.6	0.6	0.6	1.5	2	1.3	1	1.5	1.8	2.4	2	0.8	1.3	2.2	1.5	1.1	0.4	0.4	1.3
2	0.4	0.6	1	1.2	1.6	1.1	0.2	0.9	1.5	2.5	2.4	2.3	2.2	2.3	2.7	2.3	2.1	2.9	2.2	2.1	2.5	1.9	3	3.4	1.9
3	3.2	5	5.8	6.3	6.1	4.5	4.6	3.2	3.5	3.6	4.8	6.1	5.5	5	4.4	3.6	2.5	1.1	1	1	1.1	0.6	0.8	1.1	3.5
4	1.5	0.9	0.5	0.8	1	2	3.1	2.1	0.5	0.2	2.7	3.1	4.9	4.6	4.4	4.9	4.1	5.3	5.8	5.5	4.9	6.2	5.7	4.8	3.3
5	3.6	3.7	3.6	3.2	3.6	3.7	3.2	4.2	5.2	6.6	6.9	6.1	6.8	7.4	7.1	7	5.9	5.3	3.8	3.7	3.3	3.3	3.1	3.3	4.7
6	3.3	3.6	4.2	4.2	3.5	3.4	3.1	3	4	4.9	5.4	4.9	6	6.6	5.6	5.4	4.6	3.6	3	2.6	1.9	2.6	2.4	2.7	3.9
7	2.9	2.7	2.2	1.6	0.7	0.6	0.7	1.3	1.2	1.5	2.1	1.3	1.5	2.2	2.1	2.3	2.4	2.4	1.6	0.6	0.1	0.1	0	0	1.4
8	0.4	1.2	1.3	2.2	2.2	2	2	1.6	2	2.8	1.6	1.4	1.6	1.7	1.9	1.6	1.7	1.2	2	1.9	1.8	1.8	1.2	0.6	1.7
9	0.2	0.8	0.8	0.2	0.4	0.4	0.4	0.3	0.4	1.7	2.5	2.1	2.2	2.3	2.6	2.5	1.8	0.3	0	0.3	0.8	0.8	1.1	1.2	1.1
10	0.4	1.2	1.6	1.3	1.2	0.7	1.1	0.4	0.4	0.9	2.2	2.9	3.4	3.5	4	3.9	3.1	1.7	1.1	1.9	1.5	1.6	1.6	1.7	1.8
11	1.1	0.7	0.9	0.5	0.4	0.1	1.5	0.5	0.8	1.8	2.4	2.5	2.7	3.6	2.6	3.1	2.4	2.7	2.1	0.6	0	0.2	1.3	2.8	1.5
12	4.5	5.8	6.2	6.4	5.9	5.8	5.2	5.1	4.1	3.4	3.7	4.5	4.3	4.1	3.6	3.7	3.2	2.8	2.1	1	1.1	2	2.8	2.7	3.9
13	2.9	1.9	1.5	1.5	1.6	1.2	1.2	1.4	1.4	1.6	2	2.2	2.9	3.4	3.6	3.4	3.8	2.3	1.6	1.2	1.5	1.5	1.8	2.2	2.1
14	2.5	2	2.5	2.5	2.5	2.2	1.9	2.2	3.4	3.6	3	3.4	3.5	3.3	4	4	3.6	1.7	1.3	1.6	1.4	1.4	1.6	1.6	2.5
15	1.3	1.9	1.5	1.1	1.6	1.5	1.8	1.7	2.5	3.5	2.5	2.9	4.3	4.8	4	3.9	3.3	1.9	1.7	2.5	2.6	2.3	2.3	2.6	2.5
16	2.3	1.8	1.7	2	2.3	1.4	0.9	1.5	1.9	2.7	4	4.1	4.8	4.8	5	4.1	4.2	3.9	3.4	3	2.6	2.4	2.8	3	2.9
17	2.6	2.2	2	2.6	3	3.3	3	3.9	4.6	4.8	5.5	4.9	5.7	7	5.9	5.6	3.4	2.5	4.1	3.9	3.8	3.3	4.1	2.4	3.9
18	2.5	2.6	2.4	3	2.9	2.1	2.4	2.1	2.3	2.3	2	2.5	2.5	1.8	2.2	1.7	1	0.7	1.8	1.8	1.6	2.1	3.3	4.7	2.3
19	5.6	4.9	4.5	4.8	4.2	3.8	3	2.5	3	2.8	3	2.3	1.9	1.5	1.3	1.7	1.5	1.9	1.6	0.9	0.4	0.2	0.2	0.5	2.4
20	0.2	0.7	0.7	0.4	1.9	0.5	0.3	0.3	0.2	0.1	0.2	1	0.9	1.1	1.5	1.3	1.2	1.1	1.3	0.6	0.7	0.4	1.1	2	0.8
21	2.3	1.6	0.6	1.2	0.7	0.8	1.4	1.3	1.9	2.4	2.7	2.4	2.9	3.4	3.2	2.5	2.4	2.2	1.9	1.5	1.4	1.5	2.2	1.2	1.9
22	1.4	1.4	0.5	0.1	1.3	1.6	0.8	1.3	1.2	2	2.1	0.9	1.9	1.3	1.5	0.9	0.6	0.4	1.3	2	1.6	1.7	1.9	0.8	1.3
23	0.2	0.1	0.1	0.1	0.3	2	0.6	1	0.9	0.7	0.7	0.9	1.1	2.1	2.1	2.1	1	0.4	0	0.3	0.8	0.9	2.3	2.4	1
24	1.6	1.9	1.9	2.6	3.7	3.6	3.5	2.9	3.2	3.6	3.5	3.4	4	4.3	3.5	3.8	3.8	2.4	2.3	1.3	1.4	1.6	1.1	1.6	2.8
25	1.8	2.3	1.6	1.5	1.6	1.2	1.2	1	1.8	2.8	4.5	5.5	5.1	4.8	5.9	5.6	6.1	5.6	6.1	5.5	4.5	4.7	4.5	3.5	3.7
26	2.6	6	6.6	6.2	6.9	6.8	7.3	6.9	6.4	6.3	6.4	6.1	5.9	5.3	5.7	4.9	4.2	3.4	2.4	2.1	2.7	2.4	1.6	1.6	4.9
27	1.2	1	1.4	1.5	1.6	0.9	1.3	1.5	2.2	3.6	5	5.5	5.7	5.6	5.9	4.9	4.6	3.8	2.1	0.8	0.9	0.9	1.9	2.8	2.8
28	3.4	4	4.1	4.7	3.5	2.6	2.2	2.4	1.1	0.9	1.7	1.9	1.2	2	3.2	3.8	3.6	2.4	2	1.8	1.7	1.2	1.2	1.7	2.4

Avg	2	2.3	2.3	2.3	2.4	2.2	2.1	2	2.2	2.7	3.1	3.2	3.4	3.6	3.6	3.5	3	2.4	2.2	1.9	1.8	1.8	2	2.1	2.5
SD	1.4	1.6	1.8	1.9	1.8	1.7	1.7	1.5	1.6	1.6	1.6	1.7	1.8	1.8	1.6	1.5	1.4	1.5	1.4	1.4	1.2	1.4	1.3	1.2	1.1
S/A	0.68	0.7	0.8	0.82	0.73	0.76	0.79	0.76	0.72	0.61	0.53	0.52	0.5	0.44	0.44	0.48	0.62	0.64	0.71	0.68	0.75	0.64	0.57	0.45	
Min	0.2	0.1	0.1	0.1	0.3	0.1	0.2	0.3	0.2	0.1	0.2	0.9	0.9	1.1	1.3	0.9	0.6	0.3	0	0.3	0	0.1	0	0	0.8
Max	5.6	6	6.6	6.4	6.9	6.8	7.3	6.9	6.4	6.6	6.9	6.1	6.8	7.4	7.1	7	6.1	5.6	6.1	5.5	4.9	6.2	5.7	4.8	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% 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.

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 2006

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	261	254	259	285	273	281	293	278	275	345	24	86	164	218	229	181	193	218	133	134	139	159	116	139	209
2	136	117	135	149	160	155	145	126	143	148	164	134	153	156	103	97	101	103	100	95	98	116	126	137	127
3	137	143	152	160	164	181	180	189	192	197	215	225	219	219	214	217	212	189	165	174	157	152	154	117	186
4	97	99	77	74	76	85	113	150	150	131	143	133	154	168	159	172	172	169	177	175	183	227	238	256	172
5	270	254	244	234	230	246	247	238	240	240	244	256	241	238	242	256	259	261	246	225	227	232	247	231	244
6	239	238	231	231	236	252	260	254	247	258	259	236	234	240	251	243	242	227	222	223	225	224	231	227	240
7	229	219	212	218	235	231	273	281	289	296	298	306	306	294	293	289	1	69	67	73	37	15	9	1	279
8	306	325	325	358	6	3	6	13	28	25	23	66	104	234	262	240	239	258	68	51	80	96	114	142	20
9	328	335	345	307	333	311	296	296	352	340	352	347	351	358	42	44	28	39	271	285	289	282	263	238	350
10	202	219	236	264	267	283	259	279	240	150	145	198	217	206	172	193	188	189	156	159	171	184	180	183	195
11	183	176	177	177	156	311	225	61	135	111	91	90	90	73	67	64	68	53	44	11	8	232	252	244	88
12	253	256	259	261	263	265	265	268	282	290	294	294	292	289	292	286	275	273	272	265	259	248	256	262	271
13	265	269	277	280	282	277	278	282	292	297	296	281	267	247	253	249	247	249	219	197	203	196	192	206	255
14	204	202	207	204	211	209	214	218	236	249	251	235	220	207	216	219	213	209	189	184	193	177	187	193	215
15	193	202	199	187	188	196	205	207	215	216	206	211	219	212	202	190	196	182	175	162	168	180	183	194	198
16	198	198	184	198	205	200	173	189	190	208	214	202	190	182	183	180	176	163	164	170	178	179	174	189	186
17	183	183	182	186	192	191	198	195	192	208	225	219	220	231	254	259	263	287	41	41	37	33	29	29	220
18	26	23	7	25	36	37	44	30	35	24	5	335	325	319	306	295	295	286	309	301	300	315	349	353	355
19	359	347	344	338	334	330	315	318	322	336	349	348	347	25	1	74	104	123	142	144	129	158	164	150	348
20	229	216	185	169	245	284	194	236	185	244	210	190	192	210	247	254	233	156	129	143	127	131	150	160	196
21	166	195	186	175	189	194	225	212	225	258	269	292	275	263	264	257	90	79	70	92	112	106	104	129	214
22	119	130	108	115	112	116	125	135	75	81	106	123	119	139	216	254	248	293	286	302	256	289	331	344	127
23	337	110	119	100	324	330	344	339	330	330	308	311	308	291	285	299	301	313	27	224	226	238	259	264	294
24	264	245	248	226	237	250	264	268	293	316	319	312	309	303	307	309	309	317	68	74	74	59	57	69	296
25	79	78	103	106	111	122	139	144	155	186	204	210	215	210	215	217	220	223	232	223	225	226	229	240	209
26	300	8	357	358	351	351	350	348	346	337	344	347	348	317	324	326	317	316	324	321	333	331	312	301	340
27	282	270	266	267	259	263	244	225	229	237	255	253	260	265	258	260	253	255	253	219	187	178	185	192	249
28	210	223	226	236	250	246	223	231	8	317	27	53	40	45	62	74	86	84	85	74	71	94	65	39	127

Avg	232	238	240	240	244	258	253	250	255	262	261	249	240	239	243	240	232	218	177	176	182	209	218	220	232
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 2006

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	2.5	2.3	1.9	1.9	2	1.4	1.4	1.6	2.9	3.4	2.8	2.1	3.1	3.6	4	3.4	1.4	2.2	3.4	2.5	2.2	0.7	1	2.3
2	0.9	1.1	1.6	1.9	2.6	1.8	0.6	1.3	2.4	3.7	4	3.7	3.8	3.9	4.3	3.4	3.4	4.6	3.4	3.1	4	3.6	4.7	5.5	3.1
3	4.9	8.4	9.6	10.6	10.3	7.6	7.7	6	6.1	6.3	7.8	9.9	9.2	8.1	6.8	5.8	4.1	2	1.7	1.8	1.8	1.1	1.5	1.6	5.9
4	2	1.7	1.1	1.8	2.2	3.6	5.6	3.9	1.6	0.8	4.6	5.4	8.3	8.1	7.3	8.4	6.9	9.5	9.5	9.4	8.6	9.7	9.1	8.3	5.7
5	6.5	5.9	5.7	4.9	5.4	6.1	5.6	6.9	8.4	10.6	11	10.5	10.6	11.6	11.2	12.3	10.2	9.2	5.9	5.6	5	4.8	4.9	4.8	7.7
6	5	5.5	6.3	6.2	5.4	5.3	4.9	4.6	6.4	7.7	8.9	8	9.1	10.2	8.8	8.3	7.2	5.6	4.6	3.9	2.7	3.8	3.6	4	6.1
7	4.4	4.3	3.6	2.6	1.4	1.3	1.5	2.7	3.1	3.1	4	2.9	3.2	4.6	4.3	4.7	4.6	3.7	2.6	1.2	0.2	0.4	0.1	0	2.7
8	0.6	1.7	1.9	3.7	4	3.8	3.7	3.4	3.8	4.8	3.1	2.9	3.3	3.6	3.8	3.1	3	2.2	3.3	3.1	2.9	2.7	1.9	1.2	3
9	0.5	1.3	1.5	0.5	0.9	1.1	1.2	1	1	3.3	4.3	3.9	4	4.5	4.5	4	3.2	0.9	0.1	0.7	1.7	1.5	1.8	1.7	2
10	0.9	1.7	2.3	2	1.9	1.3	1.6	0.9	1	1.9	3.8	5	5.5	5.9	6.6	6.5	5.4	3	1.8	2.8	2.5	2.7	2.7	2.8	3
11	2.1	1.5	1.6	1.2	1	0.4	2.3	1.2	1.4	2.7	3.9	4.2	4.5	6.3	4.9	5.4	4.7	4.6	3.6	1.8	0.5	0.7	2.5	4.6	2.8
12	7.2	9.2	10.6	11.3	10.7	10.5	9.8	9.9	8.9	7.3	7.5	9.1	8.1	7.7	7.6	7.3	6.1	5.7	4.2	1.8	2	3.4	4.9	4.4	7.3
13	4.9	3.3	3	3.2	3.1	2.4	2.5	2.9	3.5	3.4	4.2	4.6	5.3	6	6.6	6	6.2	3.5	2.4	2	2.5	2.3	3	3.5	3.8
14	4.2	3.2	4.1	4	4.1	3.7	3.2	3.6	5.4	5.5	5.1	5.6	5.9	5.6	6.4	6.3	5.7	2.9	2.2	2.6	2.4	2.4	2.8	2.7	4.1
15	2.2	3	2.6	2.1	2.7	2.6	3	2.9	4	5.6	4.3	4.8	7.5	7.6	6.6	6.8	5.5	3.5	3	4	4.4	4	3.7	4.2	4.2
16	4	2.9	2.8	3.2	3.4	2.2	1.5	2.4	3.1	4.6	6.6	6.7	7.9	7.6	8.1	7	7	5.9	5.5	5.3	4.4	4.3	4.7	5	4.8
17	4.5	3.9	3.5	4.2	5	5.3	4.8	6.5	7.5	7.9	9	7.9	9	10.7	9.9	9.5	5.8	4.7	6.6	6.4	6.3	5.7	7	4.1	6.5
18	4.2	4.6	4.4	5.1	5	3.6	4	3.3	3.8	3.8	3.4	4.2	4.4	3.8	4.6	3.9	2.7	2.1	4.1	4.3	3.7	4.4	6.1	8	4.2
19	9.5	8.1	8	8	7.1	7.1	5.5	5.1	5.6	5.5	5.3	4.6	3.7	3.1	2.9	3.3	2.7	2.8	2.6	1.8	0.8	0.5	0.7	1.2	4.4
20	0.6	1.3	1.6	1.3	3.4	1.5	0.8	1	0.7	0.6	0.8	2	2	2.5	3.3	3	2.6	2.1	2.2	1.2	1.4	1	1.8	3.1	1.7
21	3.5	2.7	1.3	2	1.5	1.9	2.2	2.3	3	4.3	4.8	5.3	5.6	6.3	5.7	4.6	4.3	3.7	3.2	2.4	2.2	2.4	3.3	2.2	3.4
22	2.1	2.1	1	0.3	1.9	2.5	1.5	2.1	2.1	3	3.4	2	3.1	2.6	3	2.1	1.6	1.4	3.5	4.4	3.1	3.7	3.6	2.1	2.4
23	0.8	0.6	0.7	0.5	1.3	3.9	1.6	2.2	2	2	2	2.6	2.6	4.6	4.7	4.8	2.9	1.2	0.2	0.8	1.4	1.8	3.6	4	2.2
24	2.9	3.1	3.2	3.9	5.7	5.6	5.4	5.1	6.2	6.7	6.3	6.6	7.6	8.6	7.2	8.1	7.6	5	3.7	2.2	2.2	2.5	1.9	2.5	5
25	3	3.7	2.7	2.3	2.5	2	2.1	1.7	3.2	4.8	7.6	8.8	8.4	8.2	9.3	8.9	9.8	9.1	10	9	7.1	6.9	6.6	5.4	6
26	4.9	11.2	12	11.3	11.1	11.8	12.2	11.7	11	10.6	10.6	10.2	10.5	9.7	10.4	8.6	7.9	6.7	4.9	4	4.9	4.3	3.2	3.6	8.6
27	2.4	1.8	2.2	2.2	2.4	1.6	1.8	2.1	3.4	5.9	8.1	9.1	10	10.8	10.2	8.6	8	6.3	3.2	1.4	1.6	1.8	3.2	4.6	4.7
28	5.7	5.8	6.1	7.1	5.8	4.1	3.6	3.7	2.3	2.1	2.7	3	2.4	3.4	4.9	5.6	5.7	4.1	3.4	3.2	3	2.1	2.1	2.8	4

Avg	3.4	3.8	3.8	3.9	4.1	3.8	3.6	3.7	4	4.7	5.4	5.6	6	6.4	6.3	6.1	5.3	4.2	3.7	3.3	3.1	3.1	3.4	3.5	4.3
S/D	2.2	2.7	3	3.2	2.9	2.8	2.8	2.6	2.6	2.6	2.6	2.7	2.8	2.7	2.4	2.4	2.2	2.4	2.3	2.2	2	2	2	1.9	1.8
S/A	0.65	0.71	0.79	0.81	0.71	0.73	0.76	0.72	0.66	0.55	0.48	0.48	0.47	0.43	0.38	0.4	0.42	0.57	0.61	0.66	0.64	0.66	0.6	0.55	0.42
Min	0.5	0.6	0.7	0.3	0.9	0.4	0.6	0.9	0.7	0.6	0.8	2	2	2.5	2.9	2.1	1.6	0.9	0.1	0.7	0.2	0.4	0.1	0	1.7
Max	9.5	11.2	12	11.3	11.1	11.8	12.2	11.7	11	10.6	11	10.5	10.6	11.6	11.2	12.3	10.2	9.5	10	9.4	8.6	9.7	9.1	8.3	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% 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 2006

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

Avg	1015	1015	1015	1015	1015	1015	1016	1016	1016	1017	1017	1016	1016	1015	1014	1014	1014	1014	1014	1015	1015	1015	1015	1015	1015
SD	7	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	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	997	997	997	997	998	999	1000	1001	1002	1002	1002	1001	999	998	997	996	996	995	995	994	994	995	996	997	1000
Max	1026	1026	1026	1027	1027	1028	1028	1029	1030	1030	1030	1030	1029	1028	1028	1027	1027	1026	1026	1026	1026	1026	1026	1026	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	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 2006

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	12.5	12.5	12.5	12.4	12.4	12.4	12.4	13.2	13.9	13.8	13.7	13.7	13.6	13.6	13.6	13.6	13.7	12.9	12.7	12.7	12.7	12.7	12.7	12.6	13	
2	12.6	12.6	12.6	12.6	12.6	12.6	12.6	13.2	13.8	13.8	13.7	13.6	13.5	13.6	13.5	13.3	12.9	12.8	12.7	12.7	12.7	12.7	12.7	12.7	12.7	13
3	12.7	12.7	12.7	12.6	12.6	12.6	12.6	12.6	12.9	13.4	13.4	13.5	13.4	13.4	13.4	13.4	13.1	12.8	12.7	12.7	12.7	12.7	12.7	12.7	12.9	
4	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.9	13.2	13.4	13.5	13.2	13.2	12.8	12.8	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.8	
5	12.6	12.6	12.5	12.5	12.5	12.5	12.5	12.6	13.5	13.8	13.7	13.8	13.8	13.8	13.8	13.8	13	12.7	12.7	12.7	12.7	12.7	12.6	12.6	13	
6	12.6	12.6	12.6	12.5	12.5	12.5	12.4	13.3	13.9	13.9	13.8	13.8	13.7	13.7	13.7	13.7	13.6	12.9	12.8	12.7	12.7	12.7	12.7	12.7	13.1	
7	12.7	12.6	12.6	12.6	12.6	12.5	12.5	12.5	12.5	12.6	13.2	13.6	13.7	13.6	13.6	13.6	13.7	13	12.7	12.7	12.7	12.6	12.6	12.6	12.9	
8	12.6	12.6	12.5	12.5	12.5	12.5	12.4	13.4	13.9	13.9	13.8	13.7	13.7	13.7	13.7	13.7	13.6	12.8	12.7	12.7	12.7	12.7	12.6	12.6	13.1	
9	12.6	12.6	12.6	12.6	12.5	12.5	12.5	12.5	13.3	13.9	13.8	13.8	13.8	13.8	13.9	13.9	13.9	13.1	12.7	12.7	12.7	12.6	12.6	12.6	13.1	
10	12.6	12.6	12.5	12.5	12.5	12.5	12.4	13.6	14	13.9	13.8	13.8	13.7	13.7	13.7	13.6	12.9	12.8	12.7	12.7	12.7	12.7	12.7	12.7	13.1	
11	12.7	12.6	12.6	12.6	12.6	12.6	12.5	12.5	12.5	12.6	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	12.5	12.5	
12	12.5	12.5	12.4	12.4	12.4	12.4	12.4	12.4	12.4	13.3	13.2	13.6	13.6	13.5	13.6	13.7	13.2	12.8	12.7	12.7	12.7	12.7	12.6	12.6	12.9	
13	12.6	12.6	12.6	12.6	12.6	12.5	12.5	13.5	14	14	13.9	13.8	13.8	13.8	13.8	13.8	13.8	13.1	12.8	12.7	12.7	12.7	12.6	12.6	13.1	
14	12.6	12.6	12.6	12.6	12.6	12.6	12.6	13.5	13.9	13.9	13.8	13.7	13.7	13.7	13.6	13.6	13.7	13	12.8	12.7	12.7	12.7	12.7	12.6	13.1	
15	12.6	12.6	12.6	12.6	12.6	12.6	12.6	13.4	13.8	13.7	13.6	13.5	13.5	13.5	13.5	13.4	13.5	12.9	12.8	12.7	12.7	12.7	12.7	12.7	13	
16	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.8	13.7	13.6	13.5	13.4	13.4	13.4	13.4	13.4	13.4	13	12.8	12.7	12.7	12.7	12.7	12.7	13	
17	12.7	12.6	12.6	12.6	12.6	12.6	12.6	13.1	13.6	13.6	13.5	13.5	13.5	13.4	13.4	13.4	13.4	13	12.8	12.7	12.7	12.7	12.7	12.6	13	
18	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.5	12.6	12.7	12.7	12.8	12.8	12.7	12.6	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.6	
19	12.5	12.5	12.4	12.4	12.4	12.4	12.4	13.3	14.1	14	14	13.9	13.9	13.9	13.9	13.9	13.8	13.2	12.8	12.7	12.7	12.7	12.7	12.7	13.1	
20	12.7	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.8	13.4	13.4	13.8	13.9	13.9	13.9	13.8	13.1	12.8	12.7	12.7	12.7	12.7	12.6	13	
21	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.7	13.2	13.7	13.7	13.6	13.6	13.6	13.6	13.6	13.1	12.8	12.7	12.7	12.7	12.6	12.6	13	
22	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.7	13.1	13.4	13.1	13.1	13.4	13.7	13.4	13	12.8	12.7	12.7	12.7	12.7	12.6	12.6	12.9		
23	12.6	12.6	12.6	12.5	12.5	12.5	12.5	12.5	12.5	12.6	12.9	13.1	13.4	13.7	13.7	13.7	13.3	12.8	12.8	12.7	12.7	12.7	12.7	12.6	12.8	
24	12.6	12.6	12.6	12.5	12.5	12.5	12.5	13.3	13.8	13.7	13.7	13.6	13.6	13.6	13.6	13.6	13.6	13.1	12.8	12.7	12.7	12.6	12.6	12.6	13	
25	12.6	12.6	12.6	12.6	12.6	12.6	12.5	13	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.5	13.2	12.8	12.8	12.7	12.7	12.7	12.7	12.7	13	
26	12.7	12.6	12.6	12.6	12.6	12.5	12.5	12.5	13.3	13.9	13.9	13.9	13.8	13.8	13.8	13.8	13.9	13.2	12.7	12.7	12.7	12.6	12.6	12.6	13.1	
27	12.6	12.5	12.5	12.5	12.4	12.4	12.5	13.9	14.1	14	13.9	13.9	13.8	13.8	13.8	13.8	13.7	13.1	12.8	12.8	12.7	12.7	12.7	12.7	13.1	
28	12.7	12.6	12.6	12.6	12.6	12.6	12.5	13.1	13.4	13.6	13.8	13.7	13.7	13.6	13.6	13.7	13.7	13.1	12.8	12.7	12.7	12.7	12.6	12.6	13.1	

Avg	12.6	12.6	12.6	12.6	12.5	12.5	12.5	13	13.4	13.5	13.5	13.6	13.6	13.6	13.6	13.5	13.4	12.9	12.7	12.7	12.7	12.7	12.6	12.6	13
S D	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.6	0.5	0.4	0.3	0.3	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	0.01	0.01	0.03	0.05	0.04	0.03	0.02	0.02	0.02	0.03	0.03	0.03	0.01	0.01	0	0	0	0	0	0.01
Min	12.5	12.5	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.6	12.6	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	12.5
Max	12.7	12.7	12.7	12.6	12.6	12.6	12.6	13.9	14.1	14	14	13.9	13.9	13.9	13.9	13.9	13.9	13.2	12.8	12.8	12.7	12.7	12.7	12.7	13.1
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: 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.