

**Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - October 1998**

Field: GHI

Hour 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	22	146	303	436	571	651	688	614	524	205	49	12	0	0	0	0	0	0	4220
2	0	0	0	0	0	0	59	249	429	571	714	804	786	703	563	381	176	22	0	0	0	0	0	0	5458
3	0	0	0	0	0	0	68	211	435	583	719	767	756	684	549	371	169	20	0	0	0	0	0	0	5331
4	0	0	0	0	0	0	16	124	113	401	274	94	97	26	22	23	30	3	0	0	0	0	0	0	1223
5	0	0	0	0	0	0	7	32	94	449	311	358	338	199	99	60	37	6	0	0	0	0	0	0	1992
6	0	0	0	0	0	0	15	112	416	578	694	742	735	657	521	346	152	14	0	0	0	0	0	0	4983
7	0	0	0	0	0	0	27	161	403	564	678	743	721	626	513	330	121	6	0	0	0	0	0	0	4894
8	0	0	0	0	0	0	48	210	404	482	631	517	293	101	10	5	48	7	0	0	0	0	0	0	2757
9	0	0	0	0	0	0	12	51	142	198	172	252	126	106	131	200	125	8	0	0	0	0	0	0	1523
10	0	0	0	0	0	0	32	?	433 ?	561	714	735	635	470	441	154	72	6	0	0	0	0	0	0	4253
11	0	0	0	0	0	0	47	234	418	581	698	752	740	651	511	330	131	7	0	0	0	0	0	0	5100
12	0	0	0	0	0	0	14	94	202	368	641	428	412	328	265	203	84	8	0	0	0	0	0	0	3046
13	0	0	0	0	0	0	24	133 ?	387 ?	555	673	721	643	313	510	131	71	7	0	0	0	0	0	0	4168
14	0	0	0	0	0	0	21	98	196	403	568	665	666	597	475	301	118	2	0	0	0	0	0	0	4109
15	0	0	0	0	0	0	36	201	395	551	660	634	609	625	470	293	109	5	0	0	0	0	0	0	4590
16	0	0	0	0	0	0	34	193	385	547	661	711	692	614	476	297	105	4	0	0	0	0	0	0	4720
17	0	0	0	0	0	0	42	137 ?	300 ?	530	631	666	652	627	470	290	110	4	0	0	0	0	0	0	4458
18	0	0	0	0	0	0	31	95 ?	362 ?	523	648	685	673	522	453	278	95	2	0	0	0	0	0	0	4368
19	0	0	0	0	0	0	16	86	282	494	580	611	501	378	193	95	60	2	0	0	0	0	0	0	3298
20	0	0	0	0	0	0	3	67	248	467	616	656	676	590	450	268	93	1	0	0	0	0	0	0	4134
21	0	0	0	0	0	0	23	170	209	209	269	170	281	154	76	69	35	4	0	0	0	0	0	0	1669
22	0	0	0	0	0	0	14	179	226	296	306	368	300	337	336	142	68	2	0	0	0	0	0	0	2573
23	0	0	0	0	0	0	27	178	360	518	603	623	686	583	450	262	85	1	0	0	0	0	0	0	4377
24	0	0	0	0	0	0	25	173	355	516	623	673	659	577	441	256	82	0	0	0	0	0	0	0	4380
25	0	0	0	0	0	0	23	167	349	506	612	662	646	560	398	231	64	0	0	0	0	0	0	0	4218
26	0	0	0	0	0	0	27	104 ?	338 ?	505	616	662	640	551	419	229	64	0	0	0	0	0	0	0	4154
27	0	0	0	0	0	0	14	90 ?	315 ?	406 ?	559	615	567	410	351	138	42	1	0	0	0	0	0	0	3507
28	0	0	0	0	0	0	16	119 ?	211	464	618	543	622	564	346	171	62	0	0	0	0	0	0	0	3737
29	0	0	0	0	0	0	17	94 ?	?	?	?	?	?	?	?	?	47 ?	0	0	0	0	0	0	0	158 ?
30	0	0	0	0	0	0	17	106 ?	?	?	?	?	?	258 ?	139	78	36	0	0	0	0	0	0	0	633 ?
31	0	0	0	0	0	0	15	90 ?	?	?	?	?	?	?	?	?	40 ?	0 ?	0	0	0	0	0	0	145 ?
Avg	0	0	0	0	0	0	26	137	311	474	574	590	566	463	366	212	83	5	0	0	0	0	0	0	3490
S D	0	0	0	0	0	0	15	54	101	103	151	182	190	197	168	104	40	5	0	0	0	0	0	0	1504
S/A	0	0	0	0	0	0	0.57	0.4	0.32	0.22	0.26	0.31	0.34	0.42	0.46	0.49	0.48	1.09	0	0	0	0	0	0	0.43
Min	0	0	0	0	0	0	3	32	94	198	172	94	97	26	10	5	30	0	0	0	0	0	0	0	145
Max	0	0	0	0	0	0	68	249	435	583	719	804	786	703	563	381	176	22	0	0	0	0	0	0	5458

Daylight Data Recovery: 0% missing; 9% exceed the 15% QC threshold -- 4204 total daylight 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC
 Latitude: 36.30° N
 Longitude: 76.25° W
 Elevation: 4 Meters AMSL
 Time Zone: -5

Instrument: PSP
 Calibration Constant: 7.12 uV/Wm-2
 Serial Number: 17897F3
 Calibration Date: 9/13/96

Direct Normal Solar Radiation
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - October 1998

Field: DNI

Hour 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	2	79	106	154	241	396	671	610	553	160	3	14	0	0	0	0	0	0	2987
2	0	0	0	0	0	0	251	650	667	625	760	921	923	883	853	798	638	192	0	0	0	0	0	0	8162
3	0	0	0	0	0	0	330	631	801	772	861	821	856	871	830	749	560	130	0	0	0	0	0	0	8211
4	0	0	0	0	0	0	5	32	1	92	3	0	0	0	0	0	1	0	0	0	0	0	0	0	135
5	0	0	0	0	0	0	0	0	0	202	18	9	41	1	0	0	0	0	0	0	0	0	0	0	273
6	0	0	0	0	0	0	1	25	680	759	799	802	811	791	738	650	443	67	0	0	0	0	0	0	6566
7	0	0	0	0	0	0	3	135	632	730	769	756	737	646	728	612	267	11	0	0	0	0	0	0	6027
8	0	0	0	0	0	0	68	340	456	390	549	239	13	0	0	0	2	0	0	0	0	0	0	0	2056
9	0	0	0	0	0	0	0	0	1	1	1	4	0	1	1	102	350	56	0	0	0	0	0	0	519
10	0	0	0	0	0	0	138	?	753	?	709	830	842	661	407	455	36	23	9	0	0	0	0	0	4863
11	0	0	0	0	0	0	217	615	789	873	907	921	925	892	840	751	548	96	0	0	0	0	0	0	8374
12	0	0	0	0	0	0	0	2	4	62	530	167	132	141	118	217	142	43	0	0	0	0	0	0	1559
13	0	0	0	0	0	0	1	129	?	720	?	843	837	783	682	263	615	93	141	45	0	0	0	0	5152
14	0	0	0	0	0	0	8	25	27	132	497	638	669	688	700	615	478	22	0	0	0	0	0	0	4499
15	0	0	0	0	0	0	211	617	772	833	865	726	673	809	749	652	414	50	0	0	0	0	0	0	7369
16	0	0	0	0	0	0	186	577	740	813	841	850	826	814	767	664	398	32	0	0	0	0	0	0	7511
17	0	0	0	0	0	0	207	553	?	737	?	785	723	681	693	819	775	636	447	45	0	0	0	0	7100
18	0	0	0	0	0	0	82	420	?	744	?	810	844	815	758	576	697	621	335	0	0	0	0	0	6700
19	0	0	0	0	0	0	1	43	303	499	553	489	272	69	7	0	1	0	0	0	0	0	0	0	2237
20	0	0	0	0	0	0	0	0	161	551	695	670	857	833	786	674	437	23	0	0	0	0	0	0	5687
21	0	0	0	0	0	0	97	171	27	1	3	0	6	0	0	0	28	19	0	0	0	0	0	0	352
22	0	0	0	0	0	0	3	290	163	86	72	109	98	182	230	163	223	25	0	0	0	0	0	0	1644
23	0	0	0	0	0	0	192	655	789	827	735	641	869	870	828	740	484	29	0	0	0	0	0	0	7660
24	0	0	0	0	0	0	197	645	806	883	908	915	897	873	816	713	472	23	0	0	0	0	0	0	8148
25	0	0	0	0	0	0	169	622	791	865	887	895	890	847	665	560	274	1	0	0	0	0	0	0	7466
26	0	0	0	0	0	0	64	478	764	?	872	898	905	881	830	760	559	156	1	0	0	0	0	0	7167
27	0	0	0	0	0	0	0	7	?	573	?	751	?	682	663	516	359	341	158	82	0	0	0	0	4132
28	0	0	0	0	0	0	7	55	?	108	679	680	580	605	678	205	178	263	0	0	0	0	0	0	4037
29	0	0	0	0	0	0	6	24	?	?	?	?	?	?	?	?	18	?	0	0	0	0	0	0	48
30	0	0	0	0	0	0	7	32	?	?	?	?	?	?	14	?	0	1	0	0	0	0	0	0	54
31	0	0	0	0	0	0	3	14	?	?	?	?	?	?	?	?	7	?	0	0	0	0	0	0	24
Avg	0	0	0	0	0	0	79	262	468	557	607	580	570	509	485	383	246	30	0	0	0	0	0	0	4410
S D	0	0	0	0	0	0	98	263	324	317	311	320	334	348	333	303	206	42	0	0	0	0	0	0	2999
S/A	0	0	0	0	0	0	1.23	1	0.69	0.57	0.51	0.55	0.59	0.68	0.69	0.79	0.84	1.41	0	0	0	0	0	0	0.68
Min	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Max	0	0	0	0	0	0	330	655	806	883	908	921	925	892	853	798	638	192	0	0	0	0	0	0	8374

Daylight Data Recovery: 0% missing; 9% exceed the 15% QC threshold -- 4204 total daylight 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC
Latitude: 36.30° N
Longitude: 76.25° W
Elevation: 4 Meters AMSL
Time Zone: -5

Instrument: NIP
Calibration Constant: 6.83 uV/Wm-2
Serial Number: 17828E6
Calibration Date: 9/13/96

Diffuse Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - October 1998

Field: DHI

Hour 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	20	118	241	311	365	314	151	169	183	125	44	11	0	0	0	0	0	0	2052
2	0	0	0	0	0	0	28	55	109	163	140	71	60	68	58	41	30	8	0	0	0	0	0	0	830
3	0	0	0	0	0	0	23	51	57	95	83	112	84	67	60	54	40	11	0	0	0	0	0	0	738
4	0	0	0	0	0	0	14	108	104	334	250	85	89	23	21	21	28	3	0	0	0	0	0	0	1080
5	0	0	0	0	0	0	7	29	86	295	275	325	282	182	91	56	35	6	0	0	0	0	0	0	1670
6	0	0	0	0	0	0	15	96	96	105	109	112	107	101	93	75	53	10	0	0	0	0	0	0	970
7	0	0	0	0	0	0	24	109	100	105	111	144	140	172	92	75	53	6	0	0	0	0	0	0	1133
8	0	0	0	0	0	0	43	116	186	224	205	309	268	93	9	5	43	7	0	0	0	0	0	0	1508
9	0	0	0	0	0	0	11	47	129	181	157	229	115	98	120	153	56	6	0	0	0	0	0	0	1302
10	0	0	0	0	0	0	18	61 ?	67 ?	123	124	98	130	175	177	127	65	6	0	0	0	0	0	0	1170
11	0	0	0	0	0	0	20	50	58	61	63	63	57	56	51	43	26	3	0	0	0	0	0	0	551
12	0	0	0	0	0	0	13	84	181	311	258	294	293	221	195	113	53	6	0	0	0	0	0	0	2022
13	0	0	0	0	0	0	26	83	72	62	91	133	138	129	168	84	42	5	0	0	0	0	0	0	1032
14	0	0	0	0	0	0	20	89	179	310	207	189	174	143	100	73	32	1	0	0	0	0	0	0	1516
15	0	0	0	0	0	0	15	44	59	64	66	93	115	96	73	55	36	3	0	0	0	0	0	0	719
16	0	0	0	0	0	0	16	50	66	76	86	91	98	88	75	59	35	3	0	0	0	0	0	0	743
17	0	0	0	0	0	0	16	42 ?	64 ?	85	129	157	146	100	69	64	36	2	0	0	0	0	0	0	911
18	0	0	0	0	0	0	15	39 ?	61 ?	68	81	95	131	142	91	63	35	2	0	0	0	0	0	0	822
19	0	0	0	0	0	0	16	70	150	198	193	237	291	316	176	87	55	2	0	0	0	0	0	0	1791
20	0	0	0	0	0	0	3	61	158	128	138	159	78	70	58	45	26	1	0	0	0	0	0	0	923
21	0	0	0	0	0	0	18	134	193	195	247	162	262	146	71	66	32	4	0	0	0	0	0	0	1529
22	0	0	0	0	0	0	13	109	148	248	244	274	216	218	213	96	32	1	0	0	0	0	0	0	1814
23	0	0	0	0	0	0	11	38	54	71	120	168	92	56	46	35	18	0	0	0	0	0	0	0	709
24	0	0	0	0	0	0	10	37	47	47	46	47	53	52	48	40	18	0	0	0	0	0	0	0	444
25	0	0	0	0	0	0	10	38	49	51	49	49	49	53	72	59	25	0	0	0	0	0	0	0	505
26	0	0	0	0	0	0	12	46	48	45	48	51	53	56	59	58	37	0	0	0	0	0	0	0	514
27	0	0	0	0	0	0	12	80 ?	98 ?	83 ?	119	154	206	176	175	81	32	1	0	0	0	0	0	0	1216
28	0	0	0	0	0	0	14	99 ?	164	114	194	145	205	163	229	125	28	0	0	0	0	0	0	0	1482
29	0	0	0	0	0	0	9	34 ?	?	?	?	?	?	?	?	?	13 ?	0	0	0	0	0	0	0	56 ?
30	0	0	0	0	0	0	8	33 ?	?	?	?	?	?	?	206 ?	128	72	34	0	0	0	0	0	0	481 ?
31	0	0	0	0	0	0	7	28 ?	?	?	?	?	?	?	?	?	9 ?	0	0	0	0	0	0	0	44 ?
Avg	0	0	0	0	0	0	16	67	108	148	150	156	146	125	104	71	35	3	0	0	0	0	0	0	1041
S D	0	0	0	0	0	0	8	31	54	93	80	84	77	66	59	33	13	3	0	0	0	0	0	0	524
S/A	0	0	0	0	0	0	0.48	0.46	0.5	0.63	0.54	0.54	0.53	0.53	0.57	0.47	0.36	0.95	0	0	0	0	0	0	0.5
Min	0	0	0	0	0	0	3	28	47	45	46	47	49	23	9	5	9	0	0	0	0	0	0	0	44
Max	0	0	0	0	0	0	43	134	241	334	365	325	293	316	229	153	65	11	0	0	0	0	0	0	2052

Daylight Data Recovery: 0% missing; 9% exceed the 15% QC threshold -- 4204 total daylight 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC
Latitude: 36.30° N
Longitude: 76.25° W
Elevation: 4 Meters AMSL
Time Zone: -5

Instrument: PSP
Calibration Constant: 9.38 uV/Wm-2
Serial Number: 25782F3
Calibration Date: 9/13/96

**Dry Bulb Temperature
Hourly and Daily Averages
Degrees Celsius**

Elizabeth City State Universit - October 1998

Field: Temp

Hour 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	24	24	24	23	23	23	23	24	25	26	27	28	28	29	30	30	27	25	25	23	22	21	21	20	25
2	19	18	17	16	16	15	15	16	17	19	19	20	21	21	22	22	20	19	17	17	16	15	15	15	18
3	14	13	12	12	11	11	12	16	20	21	22	22	23	23	23	22	22	21	20	19	19	19	19	19	18
4	19	19	19	19	20	20	20	21	23	24	25	24	24	21	20	20	20	20	20	20	19	18	18	18	20
5	18	18	17	17	17	17	17	17	17	19	20	20	20	21	21	20	20	20	20	20	19	20	20	20	19
6	20	19	19	19	19	18	18	19	21	22	22	23	23	22	22	22	21	20	19	19	18	18	18	18	20
7	18	18	18	18	19	19	19	20	22	23	23	24	24	25	25	25	24	23	23	22	21	21	21	21	21
8	20	20	20	20	21	21	22	23	24	25	26	26	26	25	23	21	20	20	20	20	21	21	21	21	22
9	21	20	19	18	18	17	17	17	17	18	18	18	18	19	19	19	21	19	18	18	17	17	16	15	18
10	14	14	13	13	12	12	12	13	15	17	19	20	21	21	22	21	20	19	18	16	16	15	14	13	16
11	13	13	13	12	12	11	11	13	15	17	19	20	21	22	22	22	22	20	18	17	16	15	15	14	16
12	13	13	12	12	13	13	14	15	17	19	21	22	22	22	22	21	21	19	18	17	16	16	15	15	17
13	14	14	14	13	13	13	13	14	17	20	21	23	23	23	22	21	20	19	18	18	17	17	17	16	17
14	17	17	17	17	17	17	17	17	17	19	21	22	23	23	23	23	23	20	18	17	16	14	14	13	18
15	12	12	13	13	13	13	12	14	16	18	19	20	21	22	22	21	19	17	16	15	15	14	12	11	16
16	11	11	10	11	11	12	12	14	16	18	19	20	20	20	20	20	18	17	16	15	14	12	11	10	15
17	10	9	9	9	9	9	9	12	16	18	19	20	21	21	21	20	19	18	17	16	15	15	14	13	15
18	14	14	14	13	12	13	13	15	19	21	22	24	24	25	25	25	24	22	21	20	20	20	20	19	19
19	19	19	19	18	18	18	18	19	20	22	24	25	26	25	25	24	24	23	22	22	21	21	21	21	21
20	21	21	20	20	20	19	19	19	19	20	20	21	21	22	23	23	22	19	18	17	16	16	15	14	19
21	14	14	13	12	12	11	13	15	16	16	16	17	17	17	16	15	15	14	13	12	10	10	10	11	14
22	10	10	10	10	10	9	9	11	12	13	11	12	12	12	12	11	11	10	8	8	7	7	6	6	10
23	6	6	6	6	6	5	5	7	9	12	13	14	15	16	16	16	14	12	10	10	9	9	9	10	
24	8	8	8	8	7	6	6	8	12	15	18	19	20	21	21	21	20	17	15	14	14	13	12	12	14
25	12	11	11	10	10	9	9	11	14	18	20	22	23	24	23	22	21	18	16	15	13	13	13	12	15
26	12	11	10	10	9	9	8	11	15	19	21	23	24	24	23	23	21	18	17	16	15	15	14	13	16
27	13	12	11	11	11	11	11	12	14	17	19	21	21	21	21	20	18	17	17	16	16	15	14	14	15
28	13	13	12	11	11	10	10	11	14	17	19	20	21	21	21	21	20	18	17	16	16	16	17	16	16
29	16	16	16	15	14	13	12	13	16	18	19	20	20	21	21	21	20	17	15	14	14	13	12	10	16
30	8	8	8	8	7	7	6	8	13	16	16	18	19	20	19	19	18	17	16	16	15	14	14	14	14
31	14	14	14	13	12	11	11	11	13	14	16	17	18	18	19	19	18	16	14	12	11	10	8	7	14
Avg	15	14	14	14	14	13	13	15	17	19	20	21	21	21	21	21	20	19	18	17	16	15	15	15	17
S/D	4	4	4	4	4	5	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3
S/A	0.29	0.3	0.3	0.31	0.32	0.34	0.35	0.28	0.21	0.17	0.17	0.16	0.15	0.15	0.15	0.15	0.14	0.16	0.18	0.2	0.21	0.23	0.26	0.28	0.19
Min	6	6	6	6	6	5	5	7	9	12	11	12	12	12	12	11	11	10	8	8	7	7	6	6	10
Max	24	24	24	23	23	23	23	24	25	26	27	28	28	29	30	30	27	25	25	23	22	21	21	21	25

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC
 Latitude: 36.30° N
 Longitude: 76.25° W
 Elevation: 4 Meters AMSL
 Time Zone: -5

Instrument: HMP
 Calibration Constant: 1.00 deg C/mV
 Serial Number: P0520031 T
 Calibration Date: 6/1/95

**Relative Humidity
Hourly and Daily Averages
Percent**

Elizabeth City State Universit - October 1998

Field: RH

Hour 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	98	98	99	99 ?	98	99	100 ?	97 ?	87	81	76	73	69	66	61	61	72	83	71	63	58	55	49	46	77	
2	38	38	40	44	45	49	53	50	47	43	40	33	33	34	29	28	39	47	52	54	60	64	66	72	46	
3	82	94	97	98	99	99	99	89	62	46	40	41	38	38	40	51	56	61	65	69	77	81	84	85	70	
4	87	88	90	91	92	92	92	89	83	80	75	78	83	98		?	?	?	?	?	?	?	?	?	51 ?	
5	?	?	?	?	?	?	?	?	100 ?	95	89	89	87	87	89	89	88	90	93	93	95	95	95	91	61 ?	
6	90	92	94	94	92	89	89	84	67	60	59	59	61	63	63	65	68	76	82	85	85	85	88	89	78	
7	90	89	88	89	89	88	89	87	82	78	74	71	69	66	65	70	74	74	71	74	80	83	82	83	79	
8	86	87	89	87	87	85	85	83	76	74	71	69	72	78	95	99 ?	?	?	?	?	?	?	?	?	55 ?	
9	?	99 ?	99	99	99	99	99	98	97	95	95	94	93	92	88	81	87	93	96	98	98	99	100 ?	91 ?		
10	?	?	?	?	?	?	?	97 ?	88	81	75	68	63	60	58	62	67	74	82	89	93	94	98	100 ?	56 ?	
11	99 ?	99	98	98	98	98	98	90	78	69	63	59	55	55	56	56	59	67	78	86	89	93	96	99	81	
12	100 ?	?	?	100 ?	98	97	96	95	92	85	76	69	68	62	66	71	74	80	88	92	95	97	99	100 ?	79 ?	
13	?	?	?	?	?	?	?	?	96 ?	86	74	63	55	54	67	75	77	82	87	90	93	95	96	97	54 ?	
14	97	98	99	98	97	93	93	90	88	80	67	55	47	42	42	42	43	52	56	59	68	82	83	88	73	
15	95	94	90	81	75	74	78	74	65	60	57	55	51	49	46	51	65	67	71	72	74	78	87	89	71	
16	92	92	95	90	89	87	85	76	67	59	54	48	48	48	49	53	60	69	74	77	80	93	96	98	74	
17	98	99	99	99	100 ?	100	99	92	76	67	62	54	50	50	53	63	66	72	81	87	92	94	96	98	81	
18	97	96	98	99 ?	?	?	?	97 ?	89	72	64	59	60	58	57	59	63	73	78	80	85	86	87	89	69 ?	
19	91	93	94	96	97	98	99	98	93	83	69	60	60	62	64	69	73	75	80	81	84	85	86	85	82	
20	86	87	88	91	94	98	97	81	65	55	43	42	43	45	43	41	45	64	74	80	84	81	83	87	71	
21	85	80	79	82	77	76	77	70	63	57	56	54	56	58	63	64	73	81	88	93	97	93	88	74		
22	90	88	86	91	89	90	92	85	77	75	78	71	70	72	65	62	57	62	68	69	67	68	73	75	76	
23	77	81	81	85	87	91	93	86	76	66	60	56	51	42	42	39	42	52	62	67	71	76	82	80	69	
24	82	82	84	86	90	91	89	80	68	54	43	37	33	31	31	32	32	45	57	62	57	67	83	89	63	
25	89	87	88	87	87	89	89	82	72	55	43	37	33	31	34	37	46	56	69	84	89	94	98	99	70	
26	99 ?	?	?	?	?	?	?	?	93	72	56	44	35	30	30	35	38	47	62	76	87	94	97	99 ?	?	46 ?
27	?	?	?	?	?	?	?	?	?	?	92	79	65	65	65	70	76	84	89	94	97	99	100 ?	?	?	45 ?
28	?	?	?	?	?	?	?	?	?	?	90	75	66	62	61	56	59	64	78	85	85	89	88	86	89	47 ?
29	90	89	85	84	87	92	96	91	77	55	41	37	36	33	32	32	35	48	59	66	67	70	79	87	65	
30	93	93	92	90	91	95	98	91	70	57	55	48	45	42	44	49	55	61	64	67	70	74	76	76	71	
31	80	78	79	81	77	77	80	76	70	65	54	40	32	30	30	32	34	45	52	65	68	78	85	86	62	
Avg	88	88	89	90	89	89	90	86	77	70	63	58	55	55	54	57	59	68	74	78	81	84	87	87	67	
S D	12	12	12	11	11	11	10	10	12	14	15	15	17	18	17	18	15	13	12	12	12	12	11	11	12	
S/A	0.14	0.14	0.13	0.12	0.13	0.12	0.11	0.12	0.16	0.21	0.23	0.27	0.3	0.33	0.32	0.31	0.26	0.19	0.16	0.15	0.15	0.14	0.13	0.13	0.18	
Min	38	38	40	44	45	49	53	50	47	43	40	33	30	30	29	28	32	45	52	54	57	55	49	46	45	
Max	100	99	99	100	100	100	100	98	100	95	95	95	94	98	95	99	88	90	94	97	99	100	99	100	91	

Data Recovery: 0% missing; 11% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station:	EC
Latitude:	36.30° N
Longitude:	76.25° W
Elevation:	4 Meters AMSL
Time Zone:	-5

Instrument:	HMP
Calibration Constant:	1.00 %/mV
Serial Number:	P0520031 H
Calibration Date:	6/1/95

Dry Bulb Temperature (CR10)
Hourly and Daily Averages
Degrees Celsius
Elizabeth City State Universit - October 1998

Field: Temp CR10

Hour 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	24	24	23	23	23	23	22	23	25	27	29	30	31	31	32	32	30	26	25	24	22	21	20	20	25
2	19	18	17	16	15	14	14	16	18	20	22	23	24	24	25	25	23	20	17	15	14	13	12	11	18
3	11	10	10	9	9	9	10	14	19	22	25	25	26	26	26	25	24	22	20	18	18	17	17	17	18
4	17	17	17	18	19	19	19	20	22	24	26	25	24	22	20	20	20	20	20	20	19	19	19	18	20
5	18	18	17	17	17	17	17	17	17	19	23	22	23	23	22	21	21	20	20	20	19	19	19	19	19
6	19	19	19	18	18	18	17	18	21	24	25	26	26	26	25	25	23	21	19	18	17	17	16	16	21
7	16	17	17	17	18	18	18	19	22	24	26	27	27	28	28	27	26	24	23	21	20	20	20	20	22
8	19	19	19	19	20	20	21	23	25	27	28	29	28	26	23	21	20	20	20	20	20	21	21	21	22
9	21	20	19	18	18	18	17	17	17	18	19	19	20	19	20	20	21	20	18	17	16	15	15	14	18
10	14	14	13	12	12	11	11	13	16	19	21	23	24	24	24	23	22	20	17	15	14	13	13	12	17
11	12	12	12	11	11	10	10	13	16	19	21	23	24	24	25	25	24	21	18	15	14	13	13	12	17
12	12	12	11	11	11	12	12	13	16	19	22	25	24	25	24	23	22	20	18	16	15	15	14	13	17
13	13	13	12	12	12	12	12	13	17	21	24	27	28	27	25	24	22	20	18	17	16	16	15	15	18
14	15	15	16	16	15	15	16	17	17	19	22	25	26	26	25	25	24	21	18	16	14	12	11	10	18
15	10	9	10	11	11	11	11	13	17	19	22	24	24	25	25	24	22	18	16	14	13	12	10	9	16
16	8	8	8	8	8	9	9	12	16	19	22	23	24	23	23	22	21	18	15	14	12	11	9	8	15
17	8	7	7	7	7	7	7	10	15	19	22	24	25	25	25	23	21	18	16	14	13	13	12	11	15
18	11	12	11	11	10	11	11	14	18	22	25	26	27	27	27	27	26	23	21	20	19	19	19	18	19
19	18	18	18	17	17	17	17	18	20	22	25	27	27	27	26	25	24	23	22	21	21	21	21	21	21
20	21	21	20	20	20	19	19	19	19	21	23	24	24	25	25	26	24	21	17	15	14	14	13	12	20
21	12	12	11	10	10	10	9	11	14	16	17	17	18	18	17	16	15	14	12	10	8	8	8	9	13
22	9	9	9	8	9	8	8	10	12	13	12	13	13	13	14	12	11	9	7	6	6	5	5	5	9
23	5	4	4	4	4	4	3	6	10	13	15	17	18	18	19	18	17	14	11	9	8	7	6	6	10
24	6	6	6	6	5	5	5	7	12	16	20	23	23	23	23	23	21	18	14	12	11	11	10	10	13
25	10	9	9	9	8	7	7	9	14	19	23	25	26	27	26	25	23	19	15	13	12	10	10	9	15
26	9	9	8	8	7	7	7	9	14	19	23	26	27	27	26	25	23	19	17	16	14	13	13	12	16
27	12	11	11	11	10	10	10	11	14	18	21	23	24	24	24	23	22	19	18	16	15	15	14	13	16
28	13	12	11	11	10	9	9	10	13	17	22	24	24	24	24	22	22	19	16	15	15	15	16	15	16
29	15	15	15	14	14	12	12	13	16	19	21	22	23	23	22	22	21	18	15	13	12	11	10	8	16
30	7	6	6	6	5	4	4	6	12	17	19	21	22	22	21	20	19	17	16	15	14	14	13	13	13
31	14	14	13	12	11	10	9	11	14	16	18	20	21	21	21	21	20	16	12	10	8	7	6	5	14
Avg	13	13	13	13	12	12	12	14	17	20	22	23	24	24	24	23	22	19	17	16	15	14	13	13	17
S/D	5	5	5	5	5	5	5	4	4	3	3	4	3	3	3	4	3	3	4	4	4	4	4	5	3
S/A	0.36	0.37	0.37	0.38	0.39	0.41	0.42	0.32	0.22	0.17	0.15	0.15	0.14	0.14	0.15	0.16	0.15	0.17	0.21	0.25	0.28	0.3	0.33	0.35	0.2
Min	5	4	4	4	4	4	3	6	10	13	12	13	13	13	14	12	11	9	7	6	6	5	5	5	9
Max	24	24	23	23	23	23	22	23	25	27	29	30	31	31	32	32	30	26	25	24	22	21	21	21	25

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC
Latitude: 36.30° N
Longitude: 76.25° W
Elevation: 4 Meters AMSL
Time Zone: -5

Instrument: CSIT
Calibration Constant: 1.00 deg C/mV
Serial Number: 0
Calibration Date: 6/1/95

Wind Speed
Hourly and Daily Averages
Meters/Second
Elizabeth City State Universit - October 1998

Field: WS

Hour 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	2	2	2	2	1	2	2	3	3	3	4	4	4	3	2	0	2	1	4	4	3	4	4	5	3
2	4	3	3	3	3	3	2	3	3	3	3	2	1	2	1	1	1	1	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	1	1	3	3	2	2	2	4	3	2	1	1	1	1	0	1	1
4	0	0	0	0	0	0	0	1	1	3	3	3	2	2	0	0	1	0	0	1	1	1	1	1	1
5	1	0	1	2	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	0	1	1
6	0	0	1	0	1	0	0	2	3	4	4	4	4	4	4	4	4	3	1	1	1	1	1	2	2
7	2	2	2	2	2	3	3	3	4	4	4	4	4	3	4	4	3	3	2	2	1	1	1	1	3
8	1	2	2	2	2	3	3	4	5	5	5	6	4	3	4	3	3	1	1	1	1	0	0	0	3
9	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
10	1	1	0	0	1	1	1	1	2	2	2	2	3	3	3	2	2	1	0	0	0	0	0	0	1
11	1	1	1	1	1	1	1	1	3	3	2	2	2	3	2	2	2	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	1	2	2	2	2	1	2	2	2	1	1	1	0	0	0	0	1
13	0	0	0	0	0	0	0	0	1	1	1	1	1	1	3	3	3	2	2	1	1	1	1	1	1
14	1	1	1	1	1	2	2	2	3	2	2	2	3	4	4	3	2	0	1	1	0	0	0	0	2
15	0	1	2	3	2	2	1	2	2	2	1	1	1	2	1	3	2	1	1	1	1	0	0	0	1
16	0	0	0	1	1	1	1	1	2	2	3	2	3	3	3	2	3	2	2	1	0	0	0	0	1
17	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	3	2	1	1	0	0	0	0	0	1
18	1	0	0	0	0	0	0	0	1	1	3	3	4	3	3	3	2	1	1	2	2	2	2	2	2
19	2	2	2	3	2	2	2	2	3	3	4	5	4	4	4	3	2	1	1	1	1	1	1	1	2
20	1	1	0	0	0	1	2	3	3	4	4	4	3	2	1	1	1	1	1	0	1	1	0	0	2
21	1	2	1	0	1	0	1	0	1	1	1	1	1	1	0	0	0	1	1	0	0	0	1	0	1
22	0	1	0	1	1	1	2	4	4	6	6	6	6	5	6	5	4	1	1	2	2	2	1	1	3
23	1	1	1	0	0	0	0	1	1	2	3	3	2	1	1	1	1	0	0	0	0	0	0	0	1
24	0	1	1	1	0	1	0	0	0	0	1	1	1	1	2	2	0	0	0	0	0	1	0	0	1
25	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1	1	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	1	2	2	3	2	3	3	2	1	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	0	0	2	2	3	4	3	1
29	2	2	2	2	1	1	1	1	2	4	5	4	4	4	3	3	2	1	1	1	1	0	0	0	2
30	0	0	1	0	0	0	0	0	0	1	2	2	2	3	2	1	0	0	0	1	0	0	0	0	1
31	0	1	1	1	2	2	1	2	3	2	2	3	3	3	2	1	1	0	0	0	0	0	0	0	1
Avg	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1
S/D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
S/A	1.15	1.05	0.96	0.97	0.94	0.97	1.01	0.93	0.71	0.66	0.59	0.57	0.56	0.48	0.54	0.59	0.58	0.74	0.98	1.15	1.08	1.34	1.58	1.41	0.5
Min	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
Max	4	3	3	3	3	3	3	4	5	6	6	6	6	5	6	5	4	3	4	4	3	4	4	5	3

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC
Latitude: 36.30° N
Longitude: 76.25° W
Elevation: 4 Meters AMSL
Time Zone: -5

Instrument: NRG
Calibration Constant: 0.76 m/s/mV
Serial Number: 0 WS
Calibration Date: 6/1/95

Wind Direction
Hourly and Daily Averages
Degrees
Elizabeth City State Universit - October 1998

Field: WD

Hour 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	161	155	161	166	155	168	161	163	175	177	168	176	198	197	185	203	309	4	308	307	314	295	307	329	216
2	319	323	302	291	293	292	297	289	310	324	304	317	319	334	291	255	14	46	56	53	53	24	0	0	311
3	0	0	0	0	278	0	0	58	83	35	70	94	144	122	64	68	45	65	72	61	77	84	78	74	74
4	90	114	83	92	97	93	75	93	101	107	130	111	159	267	292	52	57	162	224	242	272	293	282	282	126
5	279	288	266	287	291	276	278	288	289	318	312	298	285	303	310	316	303	297	302	298	297	300	351	13	298
6	332	307	338	314	333	333	326	346	0	6	4	350	345	1	357	15	16	17	14	15	359	347	345	2	360
7	2	356	13	17	20	6	18	29	37	47	62	59	62	75	58	62	73	70	92	84	79	87	76	85	51
8	72	63	68	84	82	87	87	96	98	105	107	116	106	98	95	123	114	114	90	101	84	100	142	155	99
9	183	263	273	290	280	257	264	250	261	281	258	272	234	254	240	268	280	339	317	294	285	268	235	220	265
10	218	221	214	219	236	230	225	227	229	267	263	214	206	230	232	263	245	278	247	276	260	232	161	190	237
11	218	219	211	222	231	239	245	251	260	256	260	243	238	247	238	229	254	226	217	234	245	262	263	0	243
12	211	210	222	226	228	233	228	248	280	307	302	312	289	284	305	335	348	341	332	311	282	263	251	264	305
13	239	253	250	252	254	236	258	248	290	327	345	7	296	16	64	36	56	58	56	76	85	91	99	101	40
14	101	135	149	145	134	152	165	180	193	218	220	256	203	183	170	199	200	209	204	212	216	0	293	276	186
15	236	261	288	287	295	291	270	296	293	310	317	314	263	249	275	1	18	4	1	355	338	327	0	263	307
16	273	262	261	278	273	279	271	286	300	311	334	338	10	338	339	341	346	2	14	353	1	0	0	234	331
17	221	241	243	244	263	262	259	253	267	326	334	2	19	35	25	66	59	45	26	21	62	91	114	89	30
18	91	100	146	0	114	0	133	140	167	138	152	146	139	130	144	134	142	119	130	136	150	153	146	141	141
19	159	155	159	157	156	161	150	153	172	184	177	173	185	178	177	171	172	174	161	151	155	160	147	171	169
20	180	193	152	196	215	209	296	309	316	307	300	290	294	302	257	192	210	100	78	115	159	173	157	185	284
21	197	250	261	261	287	250	256	245	267	274	281	280	288	253	227	159	236	233	231	214	204	202	214	209	254
22	217	214	204	213	215	230	244	284	274	280	293	292	285	293	267	265	261	248	243	246	239	238	238	236	270
23	234	234	244	241	240	221	224	256	247	260	299	284	290	281	251	245	212	226	175	173	160	163	167	180	262
24	180	178	198	208	203	202	211	212	226	274	310	143	187	135	168	172	182	165	102	142	147	146	137	152	176
25	166	175	171	183	171	181	0	166	182	293	294	335	341	359	30	62	81	57	0	25	78	0	0	0	91
26	0	0	0	0	0	0	252	266	317	329	352	11	358	358	21	23	27	16	355	337	323	321	303	301	10
27	302	306	231	239	0	0	257	273	280	304	325	332	308	335	349	344	344	344	305	299	342	312	294	244	329
28	262	264	219	198	0	0	0	0	0	24	66	180	159	124	131	131	117	99	121	129	120	153	147	172	139
29	176	185	210	217	209	237	232	227	271	268	261	258	268	266	253	270	265	297	310	317	336	333	293	206	253
30	256	219	230	232	245	0	0	0	17	190	183	197	185	188	202	201	192	191	175	184	235	220	188	226	198
31	202	273	253	255	268	251	245	248	289	311	285	281	279	296	276	267	275	322	307	0	345	250	183	232	276
Avg	192	219	235	245	259	239	255	263	278	290	292	276	249	259	246	21	22	31	15	351	317	207	191	184	264

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC
Latitude: 36.30° N
Longitude: 76.25° W
Elevation: 4 Meters AMSL
Time Zone: -5

Instrument: NRGV
Calibration Constant: 0.14 deg/mV
Serial Number: 0
Calibration Date: 6/1/95

Peak Wind Speed
Hourly and Daily Averages
Meters/Second
Elizabeth City State Universit - October 1998

Field: Pk WS

Hour 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	4	4	4	3	4	3	4	5	6	6	6	6	5	4	2	3	2	7	7	6	6	8	8	5
2	7	6	5	5	5	5	4	5	5	5	5	4	3	3	2	2	3	2	1	1	0	0	0	0	3
3	0	0	0	0	0	0	0	0	2	3	5	5	4	4	4	6	5	4	2	2	2	2	1	2	2
4	1	0	1	1	0	1	1	3	3	5	6	5	4	4	1	1	2	0	0	2	2	3	3	2	2
5	2	1	2	3	3	3	3	3	4	2	3	4	3	3	3	3	3	2	3	3	3	2	1	2	3
6	1	1	2	2	2	2	2	3	5	6	6	6	6	6	6	6	7	5	3	3	3	2	2	3	4
7	3	3	3	3	4	4	4	5	6	6	7	7	7	5	6	6	5	4	3	3	2	2	3	3	4
8	2	4	3	3	4	5	5	6	8	8	9	9	7	6	6	5	4	3	2	2	2	1	0	1	4
9	2	4	5	5	4	3	3	4	4	3	3	3	2	3	3	2	1	0	1	1	0	1	1	1	2
10	2	2	1	2	2	2	2	3	4	4	5	4	5	5	5	4	4	3	1	0	0	0	0	1	3
11	2	2	2	2	2	2	2	3	5	5	5	5	5	6	5	4	3	1	1	0	0	0	0	0	3
12	0	0	0	1	1	1	1	1	2	3	3	3	3	3	3	4	3	2	2	2	1	1	1	1	2
13	1	0	1	1	0	0	0	0	2	3	2	2	2	2	4	4	4	3	3	2	2	2	1	1	2
14	2	2	2	2	2	3	3	4	4	4	4	4	4	6	5	5	4	1	1	1	0	0	0	0	3
15	0	2	4	4	4	3	2	3	4	4	3	3	2	3	3	3	4	3	2	1	1	0	0	0	2
16	0	0	0	1	2	2	2	3	3	4	5	4	5	5	4	4	4	3	3	2	0	0	0	0	2
17	0	0	0	0	0	1	1	0	2	2	3	2	2	3	4	5	3	2	2	1	0	0	0	0	1
18	1	0	0	0	0	0	0	0	2	3	5	6	6	5	6	5	4	3	3	3	4	4	4	4	3
19	4	4	4	4	3	3	3	4	5	6	7	7	7	6	5	4	3	2	1	1	2	2	2	2	4
20	2	2	1	0	1	3	4	5	5	7	7	6	5	3	2	2	2	2	1	1	2	2	1	1	3
21	2	3	2	1	1	1	2	1	2	3	3	2	3	2	1	0	1	2	1	0	0	1	1	1	2
22	1	1	1	1	2	2	3	6	7	9	10	10	9	8	10	8	6	3	2	3	5	4	3	3	5
23	3	2	2	1	1	1	1	2	3	4	5	4	4	3	3	3	2	1	0	0	0	1	1	1	2
24	1	1	2	2	1	1	0	1	1	1	1	2	3	3	3	3	1	1	0	0	1	1	1	1	1
25	2	2	2	2	1	0	0	0	1	1	1	2	2	2	2	2	2	1	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	1	2	2	2	3	4	3	3	2	1	1	0	0	1	1	1
27	0	0	0	0	0	0	0	0	2	3	4	4	5	4	5	4	4	2	1	1	1	1	0	0	2
28	0	0	0	0	0	0	0	0	0	1	2	2	4	3	4	4	3	1	1	3	4	4	6	4	2
29	3	4	3	3	3	3	2	2	4	8	8	7	7	8	7	6	4	2	1	2	2	0	0	0	4
30	1	1	2	1	0	0	0	0	0	1	4	4	4	5	4	3	1	0	0	1	2	1	1	0	1
31	1	1	2	3	4	3	3	4	5	4	4	5	6	5	4	3	2	0	0	0	0	0	0	0	3
Avg	2	2	2	2	2	2	2	2	3	4	5	4	4	4	4	4	3	2	2	2	2	1	1	1	3
S/D	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	1
S/A	0.91	0.86	0.8	0.79	0.78	0.81	0.81	0.77	0.59	0.53	0.47	0.45	0.42	0.38	0.44	0.46	0.44	0.58	0.82	0.94	0.95	1.08	1.27	1.15	0.41
Min	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1	0	1	0	0	0	0	0	0	0	1
Max	7	6	5	5	5	5	5	6	8	9	10	10	9	8	10	8	7	5	7	7	6	6	8	8	5

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC
Latitude: 36.30° N
Longitude: 76.25° W
Elevation: 4 Meters AMSL
Time Zone: -5

Instrument: NRG
Calibration Constant: 0.76 m/s/mV
Serial Number: 0 WSP
Calibration Date: 6/1/95

Station Pressure
Hourly and Daily Averages
Millibars
Elizabeth City State Universit - October 1998

Field: Press

Hour 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	1009	1009	1009	1009	1009	1009	1009	1009	1009	1009	1008	1007	1006	1005	1005	1005	1005	1006	1008	1009	1010	1011	1012	1013	1008
2	1013	1014	1014	1014	1015	1015	1016	1017	1017	1018	1018	1018	1017	1016	1016	1016	1017	1017	1017	1018	1018	1019	1019	1020	1017
3	1019	1019	1019	1019	1019	1019	1020	1021	1021	1021	1022	1021	1021	1020	1020	1019	1019	1019	1019	1019	1019	1019	1019	1019	1020
4	1019	1019	1019	1019	1019	1019	1019	1019	1019	1020	1020	1020	1019	1019	1019	1019	1019	1019	1020	1020	1021	1021	1021	1021	1019
5	1021	1021	1021	1021	1021	1021	1022	1023	1023	1023	1023	1023	1023	1022	1022	1022	1022	1022	1022	1023	1023	1023	1023	1023	1022
6	1023	1024	1023	1023	1024	1024	1024	1025	1026	1026	1026	1026	1026	1025	1025	1025	1024	1024	1024	1024	1024	1024	1025	1024	1025
7	1024	1024	1024	1024	1024	1024	1024	1025	1025	1025	1024	1024	1023	1022	1022	1021	1021	1021	1021	1020	1020	1021	1020	1019	1023
8	1019	1018	1018	1017	1017	1017	1017	1016	1016	1016	1015	1015	1014	1013	1012	1012	1012	1012	1012	1012	1012	1012	1012	1011	1014
9	1011	1011	1011	1011	1011	1012	1012	1012	1013	1013	1013	1012	1012	1012	1011	1011	1011	1011	1012	1012	1012	1012	1012	1012	1012
10	1012	1012	1012	1012	1012	1012	1013	1014	1014	1014	1014	1013	1013	1013	1013	1013	1013	1014	1014	1014	1014	1014	1014	1015	1013
11	1015	1015	1015	1016	1016	1016	1017	1017	1018	1018	1018	1018	1017	1016	1016	1016	1016	1016	1017	1017	1018	1018	1018	1018	1017
12	1018	1018	1018	1018	1018	1018	1019	1019	1019	1020	1020	1019	1019	1018	1018	1018	1018	1018	1018	1018	1019	1019	1018	1018	1018
13	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1016	1015	1015	1014	1014	1013	1013	1013	1013	1013	1013	1013	1013	1015
14	1012	1012	1011	1011	1011	1011	1012	1012	1012	1012	1013	1012	1012	1011	1011	1011	1011	1012	1013	1014	1014	1015	1015	1015	1012
15	1015	1015	1016	1016	1017	1018	1019	1020	1020	1021	1021	1021	1020	1020	1020	1020	1020	1021	1022	1022	1023	1023	1024	1024	1020
16	1024	1024	1024	1024	1024	1025	1026	1026	1027	1027	1027	1026	1026	1025	1025	1025	1025	1025	1025	1025	1026	1026	1026	1026	1025
17	1025	1025	1025	1025	1025	1026	1026	1027	1027	1027	1027	1027	1026	1025	1024	1024	1023	1023	1024	1024	1024	1024	1025	1024	1025
18	1023	1023	1023	1023	1023	1023	1023	1024	1024	1024	1024	1023	1022	1021	1020	1020	1019	1019	1020	1020	1020	1020	1020	1019	1022
19	1020	1019	1019	1018	1019	1019	1019	1019	1019	1019	1019	1018	1017	1017	1016	1017	1016	1016	1017	1017	1017	1017	1017	1016	1018
20	1016	1016	1016	1016	1016	1016	1016	1017	1018	1019	1019	1019	1018	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017
21	1017	1017	1017	1017	1017	1018	1018	1018	1019	1019	1019	1018	1018	1017	1017	1016	1015	1016	1017	1017	1016	1016	1016	1016	1017
22	1016	1015	1015	1014	1015	1015	1015	1016	1017	1018	1019	1019	1019	1019	1020	1021	1022	1022	1022	1023	1023	1024	1024	1024	1019
23	1024	1024	1025	1025	1025	1025	1026	1027	1027	1028	1027	1027	1026	1026	1025	1025	1025	1025	1025	1026	1026	1026	1026	1026	1026
24	1026	1026	1026	1026	1026	1026	1026	1027	1027	1028	1027	1027	1026	1025	1024	1024	1024	1024	1023	1024	1024	1024	1023	1023	1025
25	1023	1023	1023	1022	1022	1022	1023	1023	1023	1023	1023	1023	1022	1021	1020	1021	1021	1021	1021	1021	1021	1020	1020	1020	1022
26	1020	1020	1020	1020	1020	1020	1021	1021	1022	1022	1022	1022	1021	1021	1021	1021	1021	1022	1022	1022	1022	1023	1023	1022	1021
27	1022	1022	1022	1022	1022	1023	1023	1024	1024	1024	1023	1023	1022	1022	1021	1021	1021	1021	1021	1021	1021	1021	1020	1020	1022
28	1019	1019	1018	1018	1018	1018	1017	1017	1017	1017	1016	1016	1014	1013	1012	1011	1010	1010	1010	1010	1009	1009	1008	1008	1014
29	1008	1007	1007	1008	1008	1009	1010	1010	1011	1011	1011	1011	1011	1011	1011	1011	1011	1012	1013	1013	1014	1014	1014	1014	1011
30	1014	1014	1014	1014	1014	1014	1014	1014	1014	1014	1013	1012	1011	1010	1009	1009	1009	1009	1009	1009	1009	1009	1009	1009	1012
31	1009	1009	1009	1009	1010	1011	1011	1012	1013	1013	1013	1012	1012	1012	1012	1012	1012	1012	1013	1013	1014	1014	1014	1014	1012
Avg	1018	1018	1018	1018	1018	1018	1018	1019	1019	1020	1019	1019	1018	1018	1017	1017	1017	1017	1018	1018	1018	1018	1018	1018	1018
S D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
S/A	0	0	0	0	0	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0	0	0	0	0	0	0
Min	1008	1007	1007	1008	1008	1009	1009	1009	1009	1009	1008	1007	1006	1005	1005	1005	1005	1005	1006	1008	1009	1009	1008	1008	1008
Max	1026	1026	1026	1026	1026	1026	1026	1027	1027	1028	1027	1027	1026	1026	1025	1025	1025	1025	1025	1025	1026	1026	1026	1026	1026

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

Data and Flag	Hour Column	Day Column
<value>*	20% < Missing < 100%	10% < Missing < 100%
<value>?	20% < Fail QC < 100%	10% < Fail QC < 100%
<blank>*	100% Missing	100% Missing
<blank>?	100% Fail QC	100% Fail QC

Station: EC
Latitude: 36.30° N
Longitude: 76.25° W
Elevation: 4 Meters AMSL
Time Zone: -5

Instrument: VSA
Calibration Constant: 0.10 X + 800b/V
Serial Number: 493926
Calibration Date: 6/1/95