

**Global Solar Radiation on a Horizontal Surface**  
**Hourly Integrated and Daily Totals**  
**Watt-Hours per Square Meter**  
**Elizabeth City State Universit - November 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	16	97 ?	?	?	?	?	?	?	?	?	42	0	0	0	0	0	0	0	156 ?
2	0	0	0	0	0	0	13	87 ?	?	?	322 ?	?	335	235	168	114	28	0	0	0	0	0	0	0	1303 ?
3	0	0	0	0	0	0	1	14	18	22	33	55	51	34	47	16	7	0	0	0	0	0	0	0	298
4	0	0	0	0	0	0	1	20	53	52	63	92	97	100	56	49	30	1	0	0	0	0	0	0	614
5	0	0	0	0	0	0	7	69	133 ?	238 ?	320 ?	359 ?	341 ?	294 ?	198 ?	191 ?	74	1	0	0	0	0	0	0	2225 ?
6	0	0	0	0	0	0	9	82 ?	225	311 ?	417 ?	325 ?	297	245 ?	162 ?	73	45	0	0	0	0	0	0	0	2190 ?
7	0	0	0	0	0	0	9	87 ?	?	?	?	?	?	?	?	?	39	0	0	0	0	0	0	0	135 ?
8	0	0	0	0	0	0	10	86 ?	197	272 ?	267	228	195	242	155	126	18	0	0	0	0	0	0	0	1795
9	0	0	0	0	0	0	2	28	95	158	169	317	300	240	227 ?	103 ?	31	0	0	0	0	0	0	0	1670
10	0	0	0	0	0	0	2	68	185	220 ?	?	?	?	208 ?	?	120 ?	26	0	0	0	0	0	0	0	829 ?
11	0	0	0	0	0	0	3	43	61	113	181	125	58	73	38	27	5	0	0	0	0	0	0	0	727
12	0	0	0	0	0	0	5	114	294	436	501	546	561	485	344	187	33	0	0	0	0	0	0	0	3505
13	0	0	0	0	0	0	3	83	124	110	129	162	173	123	123	87	17	0	0	0	0	0	0	0	1135
14	0	0	0	0	0	0	2	51	166	259	232	219	177	219	108	55	13	0	0	0	0	0	0	0	1499
15	0	0	0	0	0	0	1	24	65	119	358	556	544	467	336	172	29	0	0	0	0	0	0	0	2671
16	0	0	0	0	0	0	2	57	134	348	502	547	527	455	328	83	14	0	0	0	0	0	0	0	2996
17	0	0	0	0	0	0	1	53	210 ?	376	508	550	533	456	310	145	22	0	0	0	0	0	0	0	3163
18	0	0	0	0	0	0	2	82	243	377	411	437	365	392	296	156	27	0	0	0	0	0	0	0	2788
19	0	0	0	0	0	0	1	56	160	196	383	380	372	167	56	34	8	0	0	0	0	0	0	0	1813
20	0	0	0	0	0	0	1	16	86	116	174	258	291	96	119	71	15	0	0	0	0	0	0	0	1244
21	0	0	0	0	0	0	1	67	209	393	501	533	527	459	342	167	26	0	0	0	0	0	0	0	3225
22	0	0	0	0	0	0	1	82	246	404	507	553	538	465	336	167	28	0	0	0	0	0	0	0	3326
23	0	0	0	0	0	0	1	73	219	336	473	538	525	451	325	161	24	0	0	0	0	0	0	0	3127
24	0	0	0	0	0	0	1	96	216	281	306	530	505	431	318	162	23	0	0	0	0	0	0	0	2869
25	0	0	0	0	0	0	2	83	222	366	487	532	486	398	274	156	25	0	0	0	0	0	0	0	3030
26	0	0	0	0	0	0	1	51	229	384	490	545	534	462	316	167	23	0	0	0	0	0	0	0	3201
27	0	0	0	0	0	0	1	72	232	388	491	541	528	455	329	162	22	0	0	0	0	0	0	0	3222
28	0	0	0	0	0	0	1	61	160 ?	375	479	530	516	441	321	160	22	0	0	0	0	0	0	0	3065
29	0	0	0	0	0	0	0	63	215	370	476	529	517	446	323	158	21	0	0	0	0	0	0	0	3118
30	0	0	0	0	0	0	1	82	191	324	445	479	375	278	150	151	26	0	0	0	0	0	0	0	2501
Avg	0	0	0	0	0	0	3	65	170	272	356	403	380	315	226	122	25	0	0	0	0	0	0	0	2115
S D	0	0	0	0	0	0	4	25	69	119	148	165	163	145	108	52	13	0	0	0	0	0	0	0	1068
S/A	0	0	0	0	0	0	1.22	0.39	0.4	0.44	0.41	0.41	0.43	0.46	0.48	0.42	0.5	3.53	0	0	0	0	0	0	0.51
Min	0	0	0	0	0	0	0	14	18	22	33	55	51	34	38	16	5	0	0	0	0	0	0	0	135
Max	0	0	0	0	0	0	16	114	294	436	508	556	561	485	344	191	74	1	0	0	0	0	0	0	3505

Daylight Data Recovery: 0% missing; 13% exceed the 15% QC threshold -- 3701 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 - November 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	4	20 ?	?	?	?	?	?	?	?	?	4	0	0	0	0	0	0	0	27 ?
2	0	0	0	0	0	0	2	16 ?	?	?	10 ?	?	5	4	1	0	0	0	0	0	0	0	0	0	39 ?
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2
5	0	0	0	0	0	0	0	2	9 ?	6 ?	5 ?	10 ?	7 ?	4 ?	5 ?	6 ?	7	0	0	0	0	0	0	0	63 ?
6	0	0	0	0	0	0	1	12 ?	12	12 ?	16 ?	5 ?	6	5 ?	1 ?	0	4	0	0	0	0	0	0	0	74 ?
7	0	0	0	0	0	0	1	16 ?	?	?	?	?	?	?	?	?	6	0	0	0	0	0	0	0	22 ?
8	0	0	0	0	0	0	2	18 ?	12	12 ?	7	2	2	4	0	1	0	0	0	0	0	0	0	0	60
9	0	0	0	0	0	0	0	1	2	3	2	8	2	0	6 ?	4 ?	4	0	0	0	0	0	0	0	33
10	0	0	0	0	0	0	0	3	5	4 ?	?	?	?	3 ?	?	160 ?	6	0	0	0	0	0	0	0	181 ?
11	0	0	0	0	0	0	1	10	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	15
12	0	0	0	0	0	0	63	558	747	789	694	705	826	804	653	400	32	0	0	0	0	0	0	0	6271
13	0	0	0	0	0	0	0	47	4	0	0	1	1	0	5	0	0	0	0	0	0	0	0	0	59
14	0	0	0	0	0	0	0	2	28	47	9	6	1	13	0	0	0	0	0	0	0	0	0	0	107
15	0	0	0	0	0	0	0	1	1	1	237	771	812	793	693	548	171	0	0	0	0	0	0	0	4027
16	0	0	0	0	0	0	0	24	78	631	772	775	746	719	646	94	0	0	0	0	0	0	0	0	4485
17	0	0	0	0	0	0	0	44	225 ?	590	808	812	806	766	629	432	83	0	0	0	0	0	0	0	5194
18	0	0	0	0	0	0	3	294	584	586	428	387	321	448	453	382	69	0	0	0	0	0	0	0	3955
19	0	0	0	0	0	0	0	13	138	69	217	312	200	1	0	0	0	0	0	0	0	0	0	0	950
20	0	0	0	0	0	0	0	0	0	1	3	13	24	0	14	1	0	0	0	0	0	0	0	0	55
21	0	0	0	0	0	0	0	162	482	781	843	805	817	743	725	570	183	0	0	0	0	0	0	0	6113
22	0	0	0	0	0	0	0	415	701	816	868	880	875	845	774	606	216	0	0	0	0	0	0	0	6997
23	0	0	0	0	0	0	1	278	538	540	731	842	846	813	735	569	162	0	0	0	0	0	0	0	6055
24	0	0	0	0	0	0	0	206	245	215	187	768	767	747	731	627	224	0	0	0	0	0	0	0	4717
25	0	0	0	0	0	0	12	362	538	683	818	793	538	380	294	182	22	0	0	0	0	0	0	0	4621
26	0	0	0	0	0	0	0	220	717	824	877	899	900	875	722	656	199	0	0	0	0	0	0	0	6890
27	0	0	0	0	0	0	9	480	753	849	887	901	899	874	813	669	242	0	0	0	0	0	0	0	7374
28	0	0	0	0	0	0	1	176	528 ?	832	881	897	887	854	795	663	230	0	0	0	0	0	0	0	6744
29	0	0	0	0	0	0	2	388	695	812	863	884	879	849	787	635	212	0	0	0	0	0	0	0	7006
30	0	0	0	0	0	0	1	230	357	556	466	421	277	297	196	442	139	0	0	0	0	0	0	0	3382
Avg	0	0	0	0	0	0	4	133	274	358	394	458	424	387	358	273	74	0	0	0	0	0	0	0	2851
S D	0	0	0	0	0	0	11	167	291	355	377	387	391	382	345	274	91	0	0	0	0	0	0	0	2886
S/A	0	0	0	0	0	0	3.23	1.25	1.06	0.99	0.96	0.85	0.92	0.99	0.96	1	1.24	0	0	0	0	0	0	0	1.01
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	0
Max	0	0	0	0	0	0	63	558	753	849	887	901	900	875	813	669	242	0	0	0	0	0	0	0	7374

Daylight Data Recovery: 0% missing; 13% exceed the 15% QC threshold -- 3701 total daylight 5-minute measurements.

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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 University - November 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	7	29 ?	?	?	?	?	?	?	?	?	11	0	0	0	0	0	0	0	47 ?
2	0	0	0	0	0	0	10	35 ?	?	?	247 ?	?	305	208	156	106	26	0	0	0	0	0	0	0	1093 ?
3	0	0	0	0	0	0	1	13	17	21	31	52	48	32	44	15	6	0	0	0	0	0	0	0	281
4	0	0	0	0	0	0	1	19	50	49	59	86	92	94	53	47	30	1	0	0	0	0	0	0	581
5	0	0	0	0	0	0	7	64	95 ?	189 ?	284 ?	280 ?	258 ?	261 ?	169 ?	163 ?	44	0	0	0	0	0	0	0	1815 ?
6	0	0	0	0	0	0	6	37 ?	203	267 ?	324 ?	286 ?	253	219 ?	148 ?	68	28	0	0	0	0	0	0	0	1841 ?
7	0	0	0	0	0	0	5	29 ?	?	?	?	?	?	?	?	?	?	12	0	0	0	0	0	0	46 ?
8	0	0	0	0	0	0	7	32 ?	178	253 ?	239	212	181	227	144	117	17	0	0	0	0	0	0	0	1605
9	0	0	0	0	0	0	2	26	89	149	159	295	283	225	201 ?	86 ?	17	0	0	0	0	0	0	0	1531
10	0	0	0	0	0	0	2	61	171	197 ?	?	?	?	181 ?	?	87 ?	25	0	0	0	0	0	0	0	723 ?
11	0	0	0	0	0	0	3	41	59	109	174	122	57	70	37	26	6	0	0	0	0	0	0	0	703
12	0	0	0	0	0	0	3	31	56	72	108	111	72	66	75	85	29	0	0	0	0	0	0	0	708
13	0	0	0	0	0	0	3	76	119	107	126	157	168	120	118	83	16	0	0	0	0	0	0	0	1093
14	0	0	0	0	0	0	2	49	154	234	219	210	171	210	104	54	13	0	0	0	0	0	0	0	1418
15	0	0	0	0	0	0	1	23	64	115	216	101	80	69	66	47	14	0	0	0	0	0	0	0	795
16	0	0	0	0	0	0	2	49	108	108	90	95	102	93	74	54	14	0	0	0	0	0	0	0	789
17	0	0	0	0	0	0	1	40	137 ?	108	77	79	76	73	64	51	15	0	0	0	0	0	0	0	720
18	0	0	0	0	0	0	2	41	74	125	176	206	181	167	125	70	20	0	0	0	0	0	0	0	1188
19	0	0	0	0	0	0	1	53	134	176	286	193	248	160	55	33	8	0	0	0	0	0	0	0	1347
20	0	0	0	0	0	0	1	16	85	113	168	248	272	96	112	69	15	0	0	0	0	0	0	0	1195
21	0	0	0	0	0	0	1	47	68	59	63	71	71	94	71	42	11	0	0	0	0	0	0	0	597
22	0	0	0	0	0	0	1	30	52	61	61	61	60	58	51	39	12	0	0	0	0	0	0	0	486
23	0	0	0	0	0	0	1	38	72	110	94	69	63	61	54	40	11	0	0	0	0	0	0	0	615
24	0	0	0	0	0	0	1	73	154	192	206	100	85	70	50	32	6	0	0	0	0	0	0	0	969
25	0	0	0	0	0	0	0	48	82	86	70	90	178	200	153	113	23	0	0	0	0	0	0	0	1043
26	0	0	0	0	0	0	1	21	42	47	50	52	51	49	57	32	9	0	0	0	0	0	0	0	410
27	0	0	0	0	0	0	1	20	38	45	49	50	48	44	37	26	6	0	0	0	0	0	0	0	364
28	0	0	0	0	0	0	0	24	44	48	43	44	45	43	38	27	7	0	0	0	0	0	0	0	361
29	0	0	0	0	0	0	0	22	42	49	51	52	51	50	43	30	8	0	0	0	0	0	0	0	398
30	0	0	0	0	0	0	0	50	96	97	210	251	222	127	69	58	16	0	0	0	0	0	0	0	1196
Avg	0	0	0	0	0	0	2	38	92	118	144	137	138	120	88	61	16	0	0	0	0	0	0	0	865
S D	0	0	0	0	0	0	3	16	48	67	86	83	86	69	47	34	9	0	0	0	0	0	0	0	480
S/A	0	0	0	0	0	0	1.08	0.43	0.52	0.57	0.6	0.6	0.63	0.58	0.53	0.55	0.56	3.68	0	0	0	0	0	0	0.56
Min	0	0	0	0	0	0	0	13	17	21	31	44	45	32	37	15	6	0	0	0	0	0	0	0	46
Max	0	0	0	0	0	0	10	76	203	267	324	295	305	261	201	163	44	1	0	0	0	0	0	0	1841

Daylight Data Recovery: 0% missing; 13% exceed the 15% QC threshold -- 3701 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 - November 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	7	7	8	7	7	7	6	9	12	15	17	18	18	19	19	19	18	15	13	12	12	11	11	11	12
2	10	9	8	8	8	7	6	8	12	15	17	18	19	19	19	18	16	15	15	14	15	14	15	14	13
3	13	13	11	11	11	12	12	12	12	12	12	12	12	13	12	12	12	11	11	11	11	11	11	10	12
4	10	9	9	10	9	9	9	9	9	9	10	10	10	10	10	10	10	10	9	8	6	6	5	5	9
5	5	5	5	6	6	6	6	6	7	8	9	10	10	10	10	9	9	8	7	6	7	7	7	6	7
6	5	5	4	3	3	3	3	4	6	8	9	10	10	10	10	9	8	7	6	6	5	5	4	4	6
7	3	3	3	2	2	1	0	2	5	8	10	11	11	12	12	12	11	9	7	6	5	5	5	4	6
8	4	3	2	2	1	1	1	2	6	8	10	10	11	12	11	12	11	10	10	9	9	9	9	9	7
9	9	9	8	8	8	8	8	9	10	12	13	14	14	14	14	14	13	12	11	10	9	9	9	9	11
10	9	9	10	11	11	12	12	13	15	16	18	19	20	21	22	22	21	20	20	20	19	19	20	20	17
11	21	21	21	21	21	21	21	21	22	22	23	24	20	16	15	14	14	14	14	13	13	12	12	11	18
12	10	10	9	9	9	9	9	10	12	13	14	15	15	15	14	12	11	10	9	9	8	8	7	7	11
13	7	6	6	6	5	5	5	7	10	11	11	12	13	14	13	13	12	11	10	9	8	8	7	6	9
14	6	5	5	6	6	6	6	7	9	12	13	14	14	15	15	14	13	11	10	10	11	12	12	13	10
15	11	11	11	11	11	11	11	11	12	13	14	16	18	20	21	21	20	17	16	15	14	12	12	11	14
16	11	9	8	8	9	9	9	9	10	14	16	18	19	20	21	19	17	17	16	16	15	15	15	15	14
17	15	16	16	17	17	17	17	17	17	18	19	21	22	22	22	22	20	16	15	15	14	14	13	12	17
18	11	11	10	10	9	9	9	10	11	12	13	13	13	14	13	13	12	11	10	9	9	9	9	9	11
19	8	8	8	8	7	8	8	9	11	13	16	18	19	19	18	16	16	15	15	15	16	15	16	16	13
20	15	16	16	16	16	15	16	16	16	16	17	18	18	18	18	18	17	17	17	16	16	16	17	17	17
21	14	12	12	11	11	10	9	9	10	12	13	13	14	15	15	15	14	12	11	10	10	9	8	8	11
22	7	7	5	4	4	3	3	4	7	9	10	11	12	12	13	12	11	9	9	8	8	8	7	7	8
23	8	8	8	8	8	8	8	8	11	15	17	18	19	20	20	21	20	19	18	17	16	16	16	17	14
24	17	18	18	18	17	16	16	16	17	18	18	18	19	19	19	19	18	15	13	12	11	10	9	9	16
25	7	7	7	7	7	8	7	8	10	13	14	15	15	15	15	15	14	13	12	12	12	13	13	14	11
26	15	15	16	17	16	14	13	14	14	15	16	17	17	18	18	18	16	15	14	13	13	13	13	12	15
27	11	11	11	11	10	10	10	11	12	15	16	18	18	19	19	19	18	15	12	11	10	10	9	9	13
28	9	9	9	9	9	8	8	7	10	13	16	17	18	19	20	20	18	16	15	15	14	13	13	12	13
29	12	11	11	11	11	11	10	11	13	16	19	20	22	22	23	23	21	19	18	17	15	14	14	13	16
30	13	13	12	12	12	11	12	12	14	17	20	21	22	22	21	22	22	20	20	19	19	19	19	18	17
Avg	10	10	10	10	9	9	9	10	11	13	15	16	16	16	16	16	15	14	13	12	12	11	11	11	12
S D	4	4	4	5	5	4	5	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
S/A	0.4	0.43	0.45	0.48	0.48	0.49	0.5	0.43	0.32	0.25	0.24	0.24	0.23	0.23	0.24	0.25	0.25	0.26	0.28	0.3	0.32	0.33	0.35	0.38	0.27
Min	3	3	2	2	1	1	0	2	5	8	9	10	10	10	10	9	9	8	7	6	5	5	4	4	6
Max	21	21	21	21	21	21	21	21	22	22	23	24	22	22	23	23	22	20	20	20	19	19	20	20	18

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8640 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 - November 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	88	79	76	77	80	85	92	85	77	66	57	46	39	38	34	30	46	69	79	86	89	93	97	98	71
2	100	100 ?	100 ?	95	87	90	97	91	81	71	54	45	43	41	43	47	70	74	78	80	80	83	85	86	76
3	93	95	97	100 ?																					20 ?
4	?	?	?	100 ?	100 ?	?	?	99 ?	98	98	100 ?	100 ?	96	95	92	82	76	72	75	78	87	90	92	95	72 ?
5	93	91	85	74	68	62	61	64	64	57	52	50	48	49	53	56	59	66	70	72	71	72	71	75	66
6	85	85	86	91	88	90	93	91	84	74	66	57	51	45	46	50	51	59	65	67	73	76	80	84	72
7	86	86	89	92	93	94	95	89	71	58	48	41	40	40	39	38	41	50	61	71	72	72	75	79	68
8	80	83	86	88	90	91	91	86	76	69	66	63	55	48	47	49	55	67	70	74	72	75	74	72	72
9	75	78	83	87	90	91	93	88	83	76	72	65	65	64	59	63	69	77	83	92	95	92	92	92	80
10	93	93	89	87	87	89	89	90	89	85	78	75	73	74	73	69	72	75	80	87	95	96	96	96	85
11	93	90	87	88	88	88	90	91	90	88	85	81	92	93	97	97	93	94	96	99 ?	100 ?	100	99	100 ?	92
12	99 ?	95	92	90	87	80	75	68	60	48	46	48	45	47	47	56	58	66	74	78	78	77	86	88	70
13	91	90	89	90	92	94	94	87	75	66	64	65	63	62	63	65	68	78	83	87	93	95	96	97	81
14	98	99	98	97	96	95	96	94	86	71	61	58	54	54	54	58	67	84	95	95	89	84	83	83	81
15	97	100 ?	?	?	?	?	?	?	?	99	94	84	73	58	51	51	56	65	71	74	82	89	92	94	55 ?
16	95	98	100 ?	?	?	?	?	100 ?	99 ?	91	87	75	67	58	52	60	71	76	84	86	85	94	98	100 ?	70 ?
17	?	?	?	?	?	?	?	?	97 ?	91	80	68	58	54	50	45	56	69	74	79	83	79	81	86	48 ?
18	87	82	76	78	82	84	86	83	74	75	72	70	69	70	72	78	84	87	90	93	93	95	97	81	
19	99	99	100 ?	?	?	?	?	?	97	92	84	75	63	63	69	87	91	92	93	94	96	100 ?	?	?	62 ?
20	?	?	?	?	?	?	?	?	?	?	99 ?	97	94	95	96	94	94	95	96	97	98	98	97	96	56 ?
21	95	96	93	87	88	89	91	94	86	58	47	43	41	37	35	36	38	46	54	57	69	72	71	71	66
22	72	75	81	88	91	90	87	78	71	63	55	51	50	49	56	66	74	81	84	85	85	88	87	75	
23	88	90	92	93	95	97	98	96	88	80	76	66	57	58	58	59	63	68	74	79	83	84	82	82	79
24	83	82	84	84	88	91	93	91	85	70	50	45	44	41	39	30	37	56	61	67	74	84	91	94	69
25	96	98	96	93	82	74	75	74	73	66	62	56	53	53	47	58	70	77	83	88	92	88	86	90	76
26	84	79	78	80	92	98	97	86	75	65	57	49	43	38	36	37	39	42	46	51	53	55	53	54	62
27	56	56	57	54	55	54	54	52	47	40	36	34	32	30	29	30	35	55	75	80	85	90	95	96	55
28	97	100 ?	?	?	?	?	?	?	99 ?	90	74	61	51	42	37	36	43	51	51	47	52	60	66	70	47 ?
29	75	76	73	73	74	71	73	72	66	57	47	41	37	35	32	33	36	43	48	57	66	74	75	75	59
30	76	78	84	90	94	97	99	99	96	89	76	65	61	66	72	76	80	85	85	85	87	87	88	90	84
Avg	88	88	87	87	86	86	87	86	81	74	67	61	57	55	54	56	61	69	75	79	82	84	86	87	68
S D	10	10	10	10	11	12	12	12	13	15	17	16	16	17	18	19	17	14	14	13	12	11	11	11	14
S/A	0.12	0.12	0.11	0.11	0.11	0.13	0.13	0.14	0.16	0.2	0.25	0.26	0.29	0.31	0.34	0.33	0.28	0.21	0.18	0.17	0.15	0.13	0.13	0.12	0.21
Min	56	56	57	54	55	54	54	52	47	40	36	34	32	30	29	30	35	42	46	47	52	55	53	54	20
Max	100	100	100	100	100	98	99	100	99	99	100	100	96	95	97	97	94	95	96	99	100	100	100	100	92

Data Recovery: 0% missing; 11% exceed the 15% QC threshold -- 8640 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 - November 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	4	4	5	5	5	4	4	7	11	16	20	21	22	22	22	22	20	16	13	10	9	9	8	8	12
2	8	8	7	6	6	5	5	7	12	16	18	21	22	22	20	19	18	16	15	14	14	14	14	14	13
3	13	12	11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11	10	12
4	10	9	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	9	7	6	4	3	3	8
5	3	3	3	4	4	5	5	5	6	9	10	11	12	12	12	11	10	8	6	6	5	5	6	5	7
6	4	3	3	3	2	2	1	3	5	8	10	12	12	12	11	10	10	7	5	4	4	4	3	2	6
7	2	1	1	0	-0	-1	-1	0	5	8	12	14	14	14	14	14	12	9	6	4	3	2	3	2	6
8	2	1	1	-0	-1	-1	-1	1	5	8	11	12	12	13	13	13	11	10	9	9	9	9	8	8	7
9	8	8	8	7	7	7	7	8	9	11	13	15	16	16	16	15	14	11	9	8	7	7	7	7	10
10	7	7	8	10	11	11	12	13	14	16	19	21	23	23	23	23	22	21	20	19	19	19	19	19	17
11	20	20	21	20	21	21	20	21	21	22	23	24	22	18	16	15	14	14	13	12	12	11	11	10	18
12	9	8	7	7	6	6	6	9	12	14	16	17	18	18	17	16	14	11	9	7	7	6	6	5	10
13	5	4	4	3	3	3	4	5	8	10	11	12	13	14	14	14	12	10	9	8	6	6	5	5	8
14	5	4	4	4	4	5	5	5	7	11	13	15	15	15	16	15	14	12	11	10	10	11	11	12	10
15	11	11	11	11	11	11	11	11	12	12	14	18	20	22	22	22	21	17	15	14	12	11	10	9	14
16	9	8	7	6	8	8	8	8	9	14	18	20	22	22	23	21	18	17	16	15	14	14	14	14	14
17	14	15	16	16	17	17	17	17	18	19	21	23	24	24	24	23	21	18	15	14	12	12	11	10	17
18	9	8	8	8	7	7	7	8	11	13	15	15	16	16	15	15	13	10	9	8	7	7	7	7	10
19	7	7	6	6	6	6	7	7	9	13	17	20	22	21	20	18	17	16	15	15	15	15	15	16	13
20	15	16	16	16	16	15	16	16	16	16	17	18	19	19	19	18	18	17	16	16	16	16	16	17	17
21	15	13	12	11	11	9	8	8	10	13	15	16	17	17	17	16	14	11	9	9	8	8	7	7	12
22	6	5	4	2	1	1	1	2	6	9	12	15	16	16	15	14	12	9	7	7	6	6	5	5	8
23	6	6	6	6	7	6	6	7	11	15	18	20	21	21	21	22	21	19	17	16	15	15	15	15	14
24	16	17	17	17	17	16	15	15	17	19	19	20	22	22	21	21	19	15	12	10	8	7	6	5	16
25	5	5	5	4	4	4	4	6	9	13	16	17	18	18	17	16	14	12	12	11	11	11	12	12	11
26	13	14	15	15	14	13	12	14	16	18	19	19	19	19	19	19	17	15	13	12	12	11	11	11	15
27	10	10	9	9	8	8	8	9	12	15	18	19	20	20	20	20	18	15	12	10	8	7	7	7	13
28	7	7	7	7	6	6	5	6	10	13	17	19	21	22	21	21	19	15	13	12	12	11	10	10	12
29	9	9	9	9	9	9	8	9	12	16	19	22	23	24	24	23	22	18	16	15	14	12	12	11	15
30	11	11	11	10	10	10	10	11	13	17	20	23	24	23	23	23	22	20	19	18	18	18	18	17	17
Avg	9	9	8	8	8	8	8	9	11	13	16	17	18	18	18	17	16	14	12	11	10	10	10	9	12
S D	5	5	5	5	5	5	5	5	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	3
S/A	0.51	0.54	0.57	0.61	0.63	0.64	0.65	0.53	0.35	0.26	0.23	0.23	0.23	0.22	0.23	0.24	0.25	0.27	0.32	0.36	0.39	0.42	0.45	0.48	0.29
Min	2	1	1	-0	-1	-1	-1	0	5	8	10	10	10	10	10	10	7	5	4	3	2	3	2	2	6
Max	20	20	21	20	21	21	20	21	21	22	23	24	24	24	24	23	22	21	20	19	19	19	19	19	18

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8640 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 - November 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	0	1	1	0	0	1	1	0	1	1	1	1	2	1	1	1	1	1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1
3	2	2	2	1	1	2	2	1	2	2	2	2	2	3	3	3	3	3	2	2	1	2	1	1	2
4	1	2	2	2	3	3	3	2	3	3	2	3	3	3	3	2	2	1	1	1	0	0	0	0	2
5	0	0	1	2	3	3	3	3	3	4	3	3	3	4	4	4	3	3	3	3	3	4	4	2	3
6	2	2	1	1	1	2	2	2	2	3	4	4	3	4	3	3	2	0	1	1	1	1	1	1	2
7	1	1	1	1	1	1	0	1	2	2	2	2	2	2	2	2	1	0	0	0	0	1	1	1	1
8	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	0
9	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	0	0	0	0	0	0	0
10	0	0	1	1	1	0	1	2	2	2	3	4	4	3	3	4	3	3	3	4	4	2	3	3	2
11	5	5	5	5	5	5	5	5	5	4	5	5	4	4	3	2	1	1	0	1	1	1	1	1	3
12	1	0	1	1	1	2	2	3	3	4	4	3	3	3	2	3	2	0	0	0	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	1	2	1	2	1	3	3	2	3	2	1	1	1	2	4	1
15	3	3	3	3	4	3	3	3	2	2	3	3	3	2	2	2	1	1	1	0	0	0	0	1	2
16	0	1	0	0	0	0	0	0	0	1	3	2	1	2	2	1	1	2	1	1	3	2	2	2	1
17	1	1	1	1	1	1	1	2	3	3	4	3	3	3	3	2	3	2	1	0	0	1	0	0	2
18	1	1	1	1	1	1	2	2	3	3	4	3	3	3	3	2	2	1	1	1	1	1	1	1	2
19	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	2	1	2	0	0	0	0	0	0	0
20	0	0	1	0	0	0	0	0	0	2	3	3	3	4	4	4	3	2	3	2	2	3	3	2	2
21	4	3	3	2	0	1	0	1	1	2	2	2	3	2	2	2	1	0	1	2	2	2	2	2	2
22	2	1	0	0	0	1	1	1	2	2	1	1	1	2	2	2	1	1	1	1	1	1	0	0	1
23	1	0	0	0	0	0	0	0	1	2	4	4	5	6	5	4	3	2	1	1	2	2	2	3	2
24	4	4	4	4	3	2	1	1	1	2	3	3	3	3	2	2	1	1	0	0	0	0	0	0	2
25	0	0	0	1	1	1	0	0	0	2	3	3	2	3	3	3	2	2	2	2	3	3	3	4	2
26	4	3	5	5	5	4	3	4	5	6	5	4	4	5	5	4	3	2	2	2	3	4	4	3	4
27	3	2	2	2	2	2	2	3	3	3	4	4	4	4	3	2	1	2	2	1	0	0	0	0	2
28	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1	0	1	1	1	0	1	1	1
29	1	1	1	1	1	1	1	1	1	1	2	3	4	5	4	2	1	0	1	1	1	0	1	1	1
30	1	1	0	1	0	0	1	1	1	2	3	3	3	3	2	2	1	2	2	2	3	3	3	3	2
Avg	1	1	1	1	1	1	1	1	2	2	2	3	2	3	3	2	2	1	1	1	1	1	1	1	2
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	1.07	1.06	1.12	1.13	1.15	1.07	1.06	1.01	0.87	0.59	0.54	0.52	0.51	0.54	0.4	0.38	0.53	0.72	0.8	0.87	0.94	0.94	0.99	0.96	0.53
Min	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Max	5	5	5	5	5	5	5	5	5	6	5	5	5	6	5	4	3	3	3	4	4	4	4	4	4

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8640 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 - November 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	211	227	232	242	256	261	253	280	270	289	336	218	268	265	243	264	23	79	91	59	74	0	127	173	260
2	266	261	206	249	264	258	209	261	301	308	338	354	304	284	282	351	19	7	7	23	14	47	12	338	343
3	342	318	315	322	326	0	1	332	7	338	320	344	343	327	344	333	329	334	329	323	335	327	292	285	333
4	277	285	296	291	292	295	285	281	282	291	291	284	291	304	293	297	307	311	286	283	270	254	238	254	291
5	256	264	279	297	296	298	298	282	302	295	293	309	299	289	301	296	300	297	293	296	306	290	286	282	295
6	270	256	237	233	256	250	250	246	258	269	263	271	265	257	236	256	262	250	233	226	229	220	228	226	254
7	226	221	220	239	220	217	226	237	257	261	247	270	230	229	225	250	252	200	194	0	185	206	207	200	236
8	218	213	220	230	226	210	218	232	238	269	224	204	221	217	185	206	164	124	83	107	127	140	154	171	197
9	163	155	157	163	0	0	0	105	40	0	206	202	6	28	21	38	48	80	43	32	32	46	12	0	34
10	22	1	15	28	34	24	37	53	48	48	66	52	64	41	61	89	98	105	97	101	120	119	132	126	79
11	143	131	118	139	138	129	136	126	131	141	140	146	189	226	225	196	198	179	191	201	203	205	210	217	150
12	231	254	278	279	275	280	297	294	311	311	318	311	334	2	354	341	353	324	314	333	350	322	0	0	317
13	263	295	271	274	0	261	262	264	290	288	310	291	280	317	283	292	328	283	272	278	270	257	252	221	287
14	241	196	239	256	281	268	0	198	177	180	201	210	184	165	165	157	139	158	143	157	142	138	145	160	161
15	164	154	166	166	155	166	174	188	198	208	205	227	205	220	229	240	202	162	173	175	147	155	285	160	185
16	200	271	248	289	322	332	336	0	4	21	44	47	41	88	112	75	58	69	63	100	114	124	125	135	82
17	132	150	150	185	168	175	191	202	195	206	222	221	225	206	223	228	354	352	352	325	294	300	287	269	216
18	266	270	275	269	274	282	290	286	309	311	328	329	330	339	338	347	344	345	337	351	334	357	334	325	321
19	327	306	300	301	298	307	295	311	337	333	324	344	3	38	84	108	64	62	124	149	124	112	58	335	53
20	34	338	346	266	49	214	219	180	157	195	183	168	158	180	158	167	155	155	164	148	164	173	180	191	169
21	302	283	288	276	262	242	248	237	259	236	253	228	227	233	225	222	230	262	282	305	324	333	322	309	269
22	315	297	256	258	256	268	283	285	291	293	312	8	59	41	30	56	78	64	55	57	75	87	102	104	4
23	105	99	90	99	89	224	104	124	140	145	179	156	167	163	174	155	151	158	136	147	137	139	140	156	156
24	169	171	171	185	193	196	197	247	254	282	313	296	287	305	324	285	349	47	92	97	142	0	168	0	231
25	262	265	264	257	285	304	299	301	253	39	36	52	60	37	39	56	44	55	53	48	38	62	56	59	45
26	76	99	96	94	159	191	177	179	189	212	224	239	217	244	218	208	184	167	142	132	162	160	180	201	181
27	205	226	200	202	209	209	213	201	218	197	223	230	237	204	255	222	216	21	51	75	16	12	86	91	216
28	109	46	24	320	0	0	0	0	95	95	103	95	122	166	167	166	139	119	136	155	142	135	138	147	139
29	151	147	152	145	154	156	151	155	172	183	167	172	169	166	164	163	154	126	114	123	114	133	138	132	159
30	133	129	137	140	141	140	137	132	143	178	167	155	135	117	128	127	117	103	120	124	134	136	132	134	135
Avg	184	197	186	196	201	226	225	225	240	250	244	239	224	230	221	212	64	82	94	108	111	136	159	164	208

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8640 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 - November 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	1	2	2	1	1	1	1	1	2	2	2	3	4	2	3	3	3	1	0	0	0	0	0	0	1
2	0	1	1	1	1	0	0	1	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2	2	1
3	3	3	3	3	3	4	3	3	4	4	3	4	4	5	5	5	5	4	4	4	3	4	3	3	4
4	3	4	4	4	5	5	4	4	5	5	4	6	5	5	5	5	4	3	3	2	0	0	1	1	4
5	1	1	2	4	4	6	5	5	5	6	6	6	5	6	6	6	6	4	5	5	6	6	6	4	5
6	3	4	3	3	3	3	3	4	5	7	7	7	6	7	7	6	4	2	2	2	2	2	2	2	4
7	3	3	2	2	2	2	1	2	4	4	4	4	5	5	5	5	2	1	0	0	0	1	2	1	3
8	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	0	0	1	1	0	2	1
9	1	1	0	0	0	0	0	0	0	0	1	2	3	3	2	2	2	1	1	0	1	1	1	0	1
10	1	1	2	2	2	1	2	3	3	4	5	6	5	4	5	6	5	4	4	6	6	5	6	6	4
11	8	8	9	8	8	8	8	8	8	7	8	9	8	7	5	4	3	2	1	2	2	2	2	3	6
12	2	1	2	2	2	3	4	5	5	6	6	5	4	4	4	4	3	1	0	1	1	0	0	0	3
13	0	0	0	0	0	0	0	1	1	2	2	2	1	1	2	2	1	0	0	0	0	1	1	1	1
14	0	0	0	0	0	0	0	0	0	2	3	3	3	2	4	4	4	5	4	2	3	3	4	6	2
15	6	4	5	5	6	5	5	5	5	5	5	5	4	4	3	2	1	2	1	0	1	0	1	0	3
16	1	1	0	0	1	1	0	0	0	3	4	3	3	4	4	2	2	3	2	2	4	3	3	3	2
17	3	2	2	2	2	2	2	4	5	6	6	6	6	5	4	4	4	4	2	0	1	2	1	1	3
18	1	2	2	2	2	2	3	3	4	6	6	5	5	4	5	4	3	2	2	2	2	2	1	1	3
19	1	1	1	0	0	1	0	0	1	2	1	1	1	1	2	3	1	3	1	1	1	1	0	0	1
20	1	1	2	1	0	1	1	1	1	4	4	5	6	6	6	6	4	4	4	4	4	5	5	4	3
21	6	5	5	4	2	2	1	2	3	4	5	5	5	5	5	3	1	2	3	4	4	4	3	3	4
22	3	2	1	1	1	1	2	2	4	4	2	2	2	3	3	3	2	2	2	2	2	2	1	1	2
23	1	0	0	0	1	0	0	1	2	3	5	6	7	9	7	6	4	3	3	3	3	4	4	4	3
24	6	7	7	6	5	4	3	3	3	5	5	5	5	4	4	4	2	1	1	1	0	0	0	0	3
25	0	1	1	1	2	3	0	0	0	3	5	5	4	5	4	4	4	3	3	3	5	5	5	6	3
26	6	5	7	7	8	6	5	6	9	10	9	9	8	8	8	6	4	4	2	4	5	5	6	5	6
27	5	4	4	4	2	3	4	4	5	6	7	7	7	7	6	4	2	3	3	1	1	0	1	1	4
28	0	1	0	0	0	0	0	0	0	2	2	3	2	3	4	3	2	0	1	2	2	1	1	1	1
29	2	2	2	1	2	2	1	1	2	3	4	5	6	6	6	4	2	1	1	2	2	1	2	2	3
30	2	2	1	1	1	1	1	1	3	3	4	5	5	5	4	4	3	3	4	4	4	5	5	5	3
Avg	2	2	2	2	2	2	2	2	3	4	4	5	4	4	5	4	3	2	2	2	2	2	2	2	3
S D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	1
S/A	0.87	0.85	0.93	0.94	0.96	0.91	0.93	0.81	0.73	0.52	0.47	0.45	0.44	0.45	0.34	0.31	0.43	0.59	0.67	0.75	0.81	0.8	0.85	0.8	0.46
Min	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	0	0	0	0	0	0	0	1
Max	8	8	9	8	8	8	8	8	9	10	9	9	8	9	8	6	6	5	5	6	6	6	6	6	6

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8640 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 - November 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	1014	1014	1014	1014	1014	1015	1015	1016	1016	1016	1016	1015	1014	1013	1013	1013	1013	1014	1014	1014	1014	1014	1014	1014	1014	1014
2	1014	1014	1014	1013	1014	1014	1014	1015	1015	1015	1015	1014	1014	1013	1013	1013	1013	1014	1014	1013	1013	1014	1013	1013	1013	1014
3	1013	1013	1013	1012	1012	1011	1010	1010	1010	1010	1010	1010	1009	1008	1008	1009	1009	1009	1009	1009	1009	1009	1009	1009	1008	1010
4	1008	1007	1007	1007	1007	1008	1008	1008	1008	1009	1009	1009	1009	1009	1009	1010	1010	1011	1011	1012	1012	1012	1013	1012	1009	1009
5	1012	1012	1012	1012	1012	1012	1013	1013	1013	1013	1013	1012	1011	1010	1010	1009	1010	1010	1009	1009	1009	1009	1009	1008	1008	1011
6	1008	1008	1008	1009	1009	1009	1010	1011	1012	1013	1013	1014	1014	1014	1015	1016	1016	1017	1018	1019	1020	1020	1021	1021	1021	1014
7	1022	1022	1022	1022	1023	1024	1024	1025	1025	1026	1025	1025	1024	1024	1023	1023	1024	1024	1025	1025	1025	1025	1025	1025	1025	1024
8	1025	1025	1025	1025	1025	1025	1025	1025	1025	1026	1026	1026	1025	1024	1023	1023	1023	1022	1022	1023	1022	1022	1022	1022	1022	1024
9	1022	1022	1022	1022	1022	1023	1023	1023	1024	1024	1024	1024	1023	1022	1022	1022	1023	1023	1024	1024	1024	1024	1024	1024	1024	1023
10	1024	1024	1024	1023	1023	1024	1024	1024	1025	1025	1025	1023	1022	1021	1020	1020	1020	1020	1020	1020	1019	1019	1019	1019	1019	1022
11	1018	1017	1017	1016	1016	1016	1017	1017	1017	1017	1017	1016	1017	1017	1018	1018	1019	1019	1020	1020	1021	1021	1022	1022	1018	1018
12	1022	1023	1023	1023	1024	1025	1026	1026	1027	1028	1028	1027	1027	1026	1025	1025	1025	1026	1026	1026	1026	1026	1026	1026	1025	1026
13	1025	1025	1024	1024	1024	1024	1024	1024	1024	1024	1023	1023	1022	1021	1021	1020	1020	1019	1019	1019	1019	1019	1019	1019	1018	1022
14	1018	1017	1017	1016	1016	1015	1016	1016	1016	1016	1016	1015	1014	1013	1012	1012	1012	1012	1012	1011	1011	1010	1010	1009	1014	1014
15	1009	1008	1008	1008	1008	1008	1008	1008	1009	1009	1009	1009	1008	1008	1008	1009	1009	1010	1010	1010	1010	1010	1011	1011	1012	1009
16	1012	1012	1012	1012	1012	1013	1013	1014	1015	1015	1015	1014	1013	1012	1011	1011	1011	1011	1011	1011	1011	1010	1010	1010	1009	1012
17	1009	1009	1008	1008	1007	1007	1007	1008	1009	1009	1009	1009	1008	1009	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1010	1010
18	1019	1019	1020	1020	1021	1022	1023	1024	1024	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	1024	1023	1023
19	1024	1024	1023	1023	1023	1023	1023	1023	1023	1023	1023	1023	1022	1021	1020	1020	1019	1019	1019	1019	1018	1018	1018	1017	1021	1021
20	1016	1016	1014	1014	1014	1014	1014	1014	1014	1013	1013	1012	1011	1010	1010	1009	1009	1009	1009	1010	1010	1010	1010	1010	1010	1012
21	1012	1013	1014	1014	1015	1016	1017	1018	1019	1020	1020	1020	1019	1019	1020	1020	1021	1022	1022	1023	1024	1024	1025	1025	1019	1019
22	1025	1026	1026	1026	1026	1027	1028	1029	1029	1030	1030	1029	1028	1028	1027	1027	1028	1027	1028	1028	1028	1028	1027	1026	1028	1028
23	1026	1026	1026	1025	1025	1025	1025	1025	1025	1025	1024	1023	1021	1020	1019	1019	1018	1018	1018	1018	1018	1017	1017	1017	1022	1022
24	1016	1015	1015	1014	1014	1015	1015	1016	1017	1018	1018	1017	1017	1016	1016	1017	1017	1018	1018	1019	1019	1019	1019	1019	1019	1017
25	1020	1020	1020	1020	1020	1020	1021	1021	1022	1022	1022	1022	1021	1020	1020	1019	1019	1019	1019	1018	1016	1016	1015	1014	1019	1019
26	1012	1012	1010	1008	1008	1008	1008	1009	1010	1010	1011	1010	1010	1010	1010	1011	1011	1011	1011	1011	1011	1011	1011	1011	1010	1010
27	1011	1012	1012	1012	1012	1013	1013	1014	1015	1015	1015	1015	1014	1014	1015	1015	1016	1017	1017	1017	1018	1018	1018	1018	1015	1015
28	1018	1018	1019	1019	1019	1019	1019	1020	1021	1021	1021	1020	1019	1019	1018	1018	1018	1018	1018	1019	1018	1019	1019	1019	1019	1019
29	1018	1018	1019	1019	1019	1019	1019	1020	1021	1021	1021	1020	1020	1019	1019	1019	1019	1019	1020	1020	1020	1020	1021	1021	1020	1020
30	1021	1021	1021	1021	1021	1022	1022	1022	1023	1023	1023	1022	1021	1021	1020	1020	1019	1019	1019	1019	1019	1019	1019	1018	1021	1021
Avg	1017	1017	1017	1017	1017	1017	1017	1018	1018	1019	1019	1018	1017	1017	1017	1017	1017	1017	1017	1017	1017	1018	1018	1017	1017	1017
S D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	6	6	5	
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	1008	1007	1007	1007	1007	1007	1007	1008	1008	1009	1009	1009	1008	1008	1008	1008	1009	1009	1009	1009	1009	1009	1008	1008	1009	1009
Max	1026	1026	1026	1026	1026	1027	1028	1029	1029	1030	1030	1029	1028	1028	1027	1027	1028	1027	1028	1028	1028	1028	1027	1026	1028	1028

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8640 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