

Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - September 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	4	54	183	230	537	667	648	803	690	624	449	229	36	0	0	0	0	0	0	5156
2	0	0	0	0	0	5	88	243	371	453	467	587	685	600	453	446	268	81	6	0	0	0	0	0	4753
3	0	0	0	0	0	5	84	196	279	484	451	288	292	139	107	66	31	16	1	0	0	0	0	0	2438
4	0	0	0	0	0	1	38	91	111	218	427	415	264	245	372	248	297	76	3	0	0	0	0	0	2806
5	0	0	0	0	0	5	88	274	470	639	771	847	845	783	607	455	264	96	3	0	0	0	0	0	6147
6	0	0	0	0	0	5	107	253	474	643	764	823	815	752	629	446	255	85	3	0	0	0	0	0	6054
7	0	0	0	0	0	4	85	259	443	607	730	782	792	737	626	449	261	85	2	0	0	0	0	0	5861
8	0	0	0	0	0	1	33	29	72	142	176	121	127	29	222	102	153	100	2	0	0	0	0	0	1309
9	0	0	0	0	0	4	107	309	515	690	821	798	716	508	696	469	289	91	1	0	0	0	0	0	6013
10	0	0	0	0	0	4	103	303	510	686	818	850	812	799	665	487	286	87	1	0	0	0	0	0	6411
11	0	0	0	0	0	2	95	297	498	669	793	853	844	777	642	463	264	71	0	0	0	0	0	0	6269
12	0	0	0	0	0	3	89	273	467	635	756	817	814	749	621	454	254	103	1	0	0	0	0	0	6038
13	0	0	0	0	0	2	101	280	461	633	753	747	804	735	605	431	240	67	0	0	0	0	0	0	5861
14	0	0	0	0	0	1	48	159	430	607	741	775	797	728	607	439	245	65	0	0	0	0	0	0	5642
15	0	0	0	0	0	2	63	152	352	566	749	796	793	740	601	438	222	47	1	0	0	0	0	0	5522
16	0	0	0	0	0	2	75	249	444	614	710	768	813	664	562	406	192	47	0	0	0	0	0	0	5545
17	0	0	0	0	0	2	65	224	480	613	542	835	720	669	492	290	188	60	0	0	0	0	0	0	5180
18	0	0	0	0	0	1	48	192	374	614	735	529	684	601	474	392	174	42	0	0	0	0	0	0	4862
19	0	0	0	0	0	1	42	128	197	218	308	635	571	391	130	232	144	26	0	0	0	0	0	0	3022
20	0	0	0	0	0	1	63	258	414	449	454	782	790	723	546	390	202	44	0	0	0	0	0	0	5116
21	0	0	0	0	0	1	66	203	385	494	645	698	711	668	435	249	99	32	0	0	0	0	0	0	4686
22	0	0	0	0	0	0	27	78	283	383	399	777	568	498	539	319	170	37	0	0	0	0	0	0	4078
23	0	0	0	0	0	0	24	207	459	639	771	814	708	706	616	445	233	52	0	0	0	0	0	0	5676
24	0	0	0	0	0	1	79	273	474	647	772	833	823	746	611	428	218	42	0	0	0	0	0	0	5946
25	0	0	0	0	0	1	75	244	441	612	731	792	686	697	577	394	197	32	0	0	0	0	0	0	5478
26	0	0	0	0	0	0	58	217	407	565	680	731	725	660	538	271	153	22	0	0	0	0	0	0	5027
27	0	0	0	0	0	0	60	232	425	591	707	764	756	688	563	384	186	30	0	0	0	0	0	0	5386
28	0	0	0	0	0	0	55	223	414	570	681	659	623	580	422	268	95	14	0	0	0	0	0	0	4604
29	0	0	0	0	0	0	43	158	309	529	581	717	669	644	476	296	133	14	0	0	0	0	0	0	4570
30	0	0	0	0	0	0	10	57	145	341	301	371	498	260	275	246	120	23	0	0	0	0	0	0	2646
Avg	0	0	0	0	0	2	66	208	378	536	630	695	685	607	511	362	202	54	1	0	0	0	0	0	4937
S/D	0	0	0	0	0	2	26	73	119	142	173	178	176	196	151	109	64	27	1	0	0	0	0	0	1266
S/A	0	0	0	0	0	0.82	0.39	0.35	0.32	0.27	0.27	0.26	0.26	0.32	0.3	0.3	0.32	0.51	1.6	0	0	0	0	0	0.26
Min	0	0	0	0	0	0	10	29	72	142	176	121	127	29	107	66	31	14	0	0	0	0	0	0	1309
Max	0	0	0	0	0	5	107	309	515	690	821	853	845	799	696	487	297	103	6	0	0	0	0	0	6411

Daylight Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 4483 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 - September 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	0	32	10	188	222	206	401	326	411	324	160	3	0	0	0	0	0	0	2284
2	0	0	0	0	0	0	93	202	190	150	90	189	296	256	174	342	299	67	0	0	0	0	0	0	2346
3	0	0	0	0	0	1	23	49	33	150	54	3	3	1	0	0	0	0	0	0	0	0	0	0	317
4	0	0	0	0	0	0	1	7	0	5	35	39	2	1	72	106	450	145	3	0	0	0	0	0	865
5	0	0	0	0	0	9	114	388	547	620	679	732	739	735	640	536	417	263	15	0	0	0	0	0	6434
6	0	0	0	0	0	12	254	481	594	643	663	654	633	628	576	455	325	139	7	0	0	0	0	0	6063
7	0	0	0	0	0	4	138	324	436	493	537	486	547	585	602	513	402	180	3	0	0	0	0	0	5248
8	0	0	0	0	0	0	3	1	1	1	0	0	2	0	7	0	65	259	14	0	0	0	0	0	354
9	0	0	0	0	0	31	431	686	803	862	894	746	570	326	732	635	619	371	20	0	0	0	0	0	7726
10	0	0	0	0	0	24	396	660	799	848	868	823	772	856	813	748	647	388	17	0	0	0	0	0	8661
11	0	0	0	0	0	6	376	680	789	853	881	872	858	838	785	712	566	231	3	0	0	0	0	0	8451
12	0	0	0	0	0	9	280	535	654	725	755	766	770	759	717	631	401	257	1	0	0	0	0	0	7261
13	0	0	0	0	0	7	274	543	683	752	775	608	759	737	692	603	468	221	2	0	0	0	0	0	7123
14	0	0	0	0	0	0	0	36	428	604	676	625	699	691	663	592	451	195	1	0	0	0	0	0	5662
15	0	0	0	0	0	0	10	23	223	560	716	699	699	734	672	633	417	84	0	0	0	0	0	0	5470
16	0	0	0	0	0	1	150	425	558	620	613	614	664	501	498	471	258	83	0	0	0	0	0	0	5456
17	0	0	0	0	0	0	13	348	568	531	402	734	544	509	399	192	142	86	0	0	0	0	0	0	4470
18	0	0	0	0	0	0	3	116	179	552	562	191	347	420	310	384	263	68	0	0	0	0	0	0	3395
19	0	0	0	0	0	0	2	12	2	9	8	150	123	107	2	74	67	1	0	0	0	0	0	0	557
20	0	0	0	0	0	0	103	517	464	340	233	556	672	654	548	481	348	108	0	0	0	0	0	0	5025
21	0	0	0	0	0	0	78	332	449	338	369	321	425	565	317	134	4	10	0	0	0	0	0	0	3344
22	0	0	0	0	0	0	1	1	73	74	56	552	318	345	529	380	247	84	0	0	0	0	0	0	2660
23	0	0	0	0	0	0	1	315	724	831	878	784	634	750	852	826	680	292	0	0	0	0	0	0	7566
24	0	0	0	0	0	5	416	741	853	893	920	927	920	902	866	805	636	252	0	0	0	0	0	0	9138
25	0	0	0	0	0	1	210	602	729	789	809	817	631	690	740	672	537	175	0	0	0	0	0	0	7404
26	0	0	0	0	0	0	115	340	506	577	619	611	604	614	551	185	86	22	0	0	0	0	0	0	4830
27	0	0	0	0	0	0	168	476	637	731	760	767	767	773	760	680	497	168	0	0	0	0	0	0	7184
28	0	0	0	0	0	0	132	423	584	650	669	484	411	411	259	148	24	0	0	0	0	0	0	0	4194
29	0	0	0	0	0	0	11	36	120	403	381	540	463	447	316	274	125	0	0	0	0	0	0	0	3117
30	0	0	0	0	0	0	0	0	8	17	5	10	162	2	10	180	104	50	0	0	0	0	0	0	548
Avg	0	0	0	0	0	4	127	311	421	494	504	517	515	505	484	424	324	140	3	0	0	0	0	0	4772
S D	0	0	0	0	0	7	139	245	287	291	314	284	256	272	273	245	207	112	6	0	0	0	0	0	2640
S/A	0	0	0	0	0	1.9	1.1	0.79	0.68	0.59	0.62	0.55	0.5	0.54	0.56	0.58	0.64	0.8	1.96	0	0	0	0	0	0.55
Min	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	317
Max	0	0	0	0	0	31	431	741	853	893	920	927	920	902	866	826	680	388	20	0	0	0	0	0	9138

Daylight Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 4483 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 University - September 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	4	47	163	209	386	474	451	425	393	313	256	164	32	0	0	0	0	0	0	3316
2	0	0	0	0	0	4	72	172	260	341	388	411	403	368	317	241	148	65	5	0	0	0	0	0	3194
3	0	0	0	0	0	4	75	185	254	375	402	251	256	123	95	58	27	14	0	0	0	0	0	0	2119
4	0	0	0	0	0	1	33	81	98	191	377	362	231	215	311	184	125	47	3	0	0	0	0	0	2259
5	0	0	0	0	0	5	65	126	163	189	193	181	170	156	130	145	106	49	3	0	0	0	0	0	1679
6	0	0	0	0	0	4	55	108	145	182	210	235	243	221	208	188	132	62	3	0	0	0	0	0	1996
7	0	0	0	0	0	3	62	142	201	256	283	341	298	244	188	160	111	54	2	0	0	0	0	0	2346
8	0	0	0	0	0	1	30	26	63	125	155	105	111	26	196	90	123	59	2	0	0	0	0	0	1112
9	0	0	0	0	0	3	36	60	71	76	80	124	195	224	167	114	65	32	1	0	0	0	0	0	1249
10	0	0	0	0	0	3	39	66	73	83	100	113	118	89	86	79	56	27	1	0	0	0	0	0	932
11	0	0	0	0	0	1	33	57	68	69	69	80	86	87	87	76	63	34	0	0	0	0	0	0	811
12	0	0	0	0	0	2	44	83	111	125	137	141	136	127	118	114	109	64	1	0	0	0	0	0	1313
13	0	0	0	0	0	2	42	79	96	109	122	201	136	130	122	110	81	34	0	0	0	0	0	0	1264
14	0	0	0	0	0	1	41	137	185	183	186	222	185	165	145	127	92	36	0	0	0	0	0	0	1706
15	0	0	0	0	0	2	59	142	216	172	168	183	176	147	135	107	81	34	1	0	0	0	0	0	1624
16	0	0	0	0	0	2	53	110	151	189	211	227	230	258	216	159	106	37	0	0	0	0	0	0	1949
17	0	0	0	0	0	2	60	134	160	244	195	186	228	236	200	179	137	46	0	0	0	0	0	0	2006
18	0	0	0	0	0	1	43	148	269	226	272	348	375	271	250	189	80	30	0	0	0	0	0	0	2502
19	0	0	0	0	0	1	37	116	176	192	274	483	450	283	117	188	116	23	0	0	0	0	0	0	2456
20	0	0	0	0	0	1	41	82	161	208	249	290	208	203	174	145	95	30	0	0	0	0	0	0	1888
21	0	0	0	0	0	1	50	123	172	256	342	403	330	217	202	169	88	29	0	0	0	0	0	0	2383
22	0	0	0	0	0	0	24	70	226	319	330	286	274	217	192	133	99	27	0	0	0	0	0	0	2197
23	0	0	0	0	0	0	22	88	85	80	83	149	169	126	64	48	39	20	0	0	0	0	0	0	974
24	0	0	0	0	0	1	25	43	47	54	58	61	61	60	58	49	40	15	0	0	0	0	0	0	571
25	0	0	0	0	0	1	34	69	79	93	107	111	145	164	104	80	51	15	0	0	0	0	0	0	1053
26	0	0	0	0	0	0	42	111	155	189	204	225	228	194	189	180	124	20	0	0	0	0	0	0	1862
27	0	0	0	0	0	0	37	83	107	114	127	134	130	111	88	73	55	14	0	0	0	0	0	0	1074
28	0	0	0	0	0	0	37	90	122	147	171	251	272	259	248	193	86	12	0	0	0	0	0	0	1886
29	0	0	0	0	0	0	39	134	237	247	267	256	264	294	265	164	94	13	0	0	0	0	0	0	2271
30	0	0	0	0	0	0	9	51	134	309	273	334	346	241	251	153	99	18	0	0	0	0	0	0	2217
Avg	0	0	0	0	0	2	43	103	150	191	217	238	229	195	175	138	93	33	1	0	0	0	0	0	1807
S D	0	0	0	0	0	1	15	40	63	90	107	112	99	84	74	54	33	16	1	0	0	0	0	0	662
S/A	0	0	0	0	0	0.82	0.34	0.39	0.42	0.47	0.49	0.47	0.43	0.43	0.42	0.39	0.35	0.48	1.6	0	0	0	0	0	0.37
Min	0	0	0	0	0	0	9	26	47	54	58	61	61	26	58	48	27	12	0	0	0	0	0	0	571
Max	0	0	0	0	0	5	75	185	269	386	474	483	450	393	317	256	164	65	5	0	0	0	0	0	3316

Daylight Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 4483 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 - September 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	23	23	24	23	24	24	25	26	28	28	29	29	29	29	28	26	25	24	23	23	22	22	25
2	21	22	21	21	21	21	22	24	25	26	27	28	29	29	30	30	30	29	28	27	27	27	26	26	26
3	25	25	24	24	24	23	23	24	25	26	27	27	26	26	25	24	23	22	22	21	21	21	21	21	24
4	22	23	24	25	25	25	24	24	23	24	25	25	24	23	24	24	26	26	25	23	23	22	22	23	24
5	22	22	21	20	20	19	20	22	25	26	27	28	29	30	30	29	27	26	24	23	22	22	21	21	24
6	21	21	20	20	20	20	21	23	25	27	28	29	30	30	30	30	29	28	27	26	25	25	25	24	25
7	24	24	24	23	23	23	23	24	26	27	28	30	30	31	32	32	31	30	29	28	27	27	27	26	27
8	26	26	26	26	25	25	24	23	22	21	20	20	19	17	18	19	19	20	18	17	17	17	16	16	21
9	17	16	15	14	13	12	12	14	16	18	19	20	21	21	22	22	22	21	19	17	16	16	15	15	17
10	14	14	12	12	12	12	12	14	17	19	21	22	22	23	23	23	23	23	21	19	18	18	17	16	18
11	16	16	15	15	15	14	14	17	21	23	24	25	26	26	27	27	26	25	23	21	20	20	20	20	21
12	19	18	18	18	18	18	18	20	22	24	25	27	28	28	29	29	29	28	26	25	24	23	22	22	23
13	22	21	21	20	20	19	19	21	24	27	29	31	32	32	32	31	29	27	25	24	23	23	22	22	25
14	22	22	22	22	22	22	22	22	24	25	27	28	29	29	29	29	28	27	25	24	23	23	23	22	25
15	22	22	21	22	21	21	22	23	23	26	28	29	29	30	30	30	30	27	25	25	25	24	23	23	25
16	23	23	22	22	22	22	22	23	25	26	27	28	29	30	30	30	29	27	26	25	24	24	24	23	25
17	23	23	22	22	22	21	22	24	26	28	28	29	30	30	29	28	28	27	26	26	25	25	25	25	26
18	25	24	24	24	24	24	24	25	26	28	28	27	28	28	28	27	26	25	24	24	24	24	24	24	25
19	23	23	23	23	23	23	23	24	25	25	24	25	27	26	25	25	25	24	24	24	24	24	24	23	24
20	23	23	22	22	22	22	22	23	25	25	26	27	28	28	28	27	27	25	24	23	23	22	22	22	24
21	21	21	21	20	20	20	21	22	25	26	27	28	29	29	29	28	27	26	25	25	24	24	24	24	24
22	24	24	24	23	23	23	24	24	25	26	27	28	29	30	30	31	30	29	27	26	25	24	23	22	26
23	22	22	21	21	20	19	20	21	21	21	21	21	21	21	20	20	19	17	16	15	14	13	13	19	
24	13	12	11	11	11	11	12	16	19	21	21	22	22	23	23	23	22	21	20	19	19	19	18	18	
25	16	16	16	15	15	15	16	19	22	23	24	25	25	25	26	26	26	25	23	22	21	21	20	20	21
26	19	19	19	19	18	18	19	20	23	25	27	29	30	30	30	29	29	28	26	25	24	23	23	22	24
27	22	21	21	20	20	20	20	22	24	26	28	29	30	30	31	31	30	28	26	26	25	24	24	24	25
28	24	23	23	23	23	22	22	23	25	27	29	31	32	32	32	32	29	28	27	26	25	24	21	21	26
29	21	21	22	22	21	21	21	22	24	25	26	26	27	27	26	26	25	24	23	23	22	22	22	22	23
30	22	22	21	22	21	21	21	21	21	22	23	24	25	26	26	27	26	25	24	24	24	24	24	24	23
Avg	21	21	21	20	20	20	20	22	23	25	26	27	27	27	27	27	27	26	24	23	23	22	22	22	23
S D	3	3	3	4	4	4	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3
S/A	0.15	0.16	0.17	0.17	0.18	0.18	0.17	0.13	0.11	0.1	0.11	0.12	0.12	0.13	0.13	0.13	0.12	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.11
Min	13	12	11	11	11	11	12	14	16	18	19	20	19	17	18	19	19	17	16	15	14	13	13	17	
Max	26	26	26	26	25	25	24	25	26	28	29	31	32	32	32	32	31	30	29	28	27	27	27	26	27

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 - September 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	100 ?	? ?	? ?	? ?	? ?	? ?	? ?	98 ?	95	87	79	78	71	69	66	65	66	78	86	83	86	90	94	96	62 ?
2	99	100 ?	? ?	? ?	? ?	? ?	? ?	97	90	85	83	79	75	73	69	66	65	70	82	88	89	90	91	93	66 ?
3	96	97	98	98	99	99	98	94	90	86	82	84	85	88	89	93	96	99	100	100 ?	? ?	100 ?	? ?	82 ?	
4	100 ?	? ?	? ?	99 ?	93	87	87	89	92	93	86	86	93	96	91	95	79	79	86	93	96	97	98	99	84 ?
5	99	97	99	100	98	98	92	82	69	64	60	54	52	44	40	51	70	72	80	83	87	90	89	93	78
6	96	96	97	98	99	100	99	91	73	66	65	64	62	60	59	58	63	70	79	87	90	93	96	97	82
7	97	97	98	98	98	98	97	93	87	81	77	74	71	67	63	63	65	70	77	83	85	85	84	84	83
8	82	83	83	83	83	87	92	96	95	87	83	87	88	92	96	92	88	84	90	96	98	98	99	99 ?	90
9	80	74	75	75	81	86	86	80	72	64	54	48	46	45	44	44	44	48	60	67	68	72	74	77	65
10	78	82	87	87	86	87	87	82	73	61	51	46	45	42	41	42	44	48	59	66	67	73	78	80	66
11	79	82	87	89	89	90	87	75	65	56	47	43	44	40	39	39	41	46	59	68	71	69	70	72	64
12	80	90	95	91	91	91	91	82	69	61	56	53	52	50	50	51	54	57	66	74	79	88	91	93	73
13	94	96	97	98	99	99	99	92	75	60	52	45	45	46	46	51	54	61	72	82	89	93	97	99	77
14	100 ?	? ?	? ?	? ?	? ?	? ?	? ?	? ?	96 ?	87	74	64	61	60	58	55	61	74	87	94	96	97	98	99	57 ?
15	100 ?	? ?	? ?	? ?	? ?	? ?	? ?	? ?	98 ?	84	74	68	72	62	55	57	63	78	84	90	92	95	98	99	57 ?
16	97	97	99	100 ?	? ?	? ?	? ?	96 ?	88	79	73	69	65	65	63	62	67	76	80	83	89	94	96	98	72 ?
17	99	100	? ?	? ?	? ?	? ?	? ?	100 ?	88	80	74	69	67	68	71	79	81	83	88	94	96	97	97	99	68 ?
18	100 ?	100 ?	? ?	? ?	? ?	100 ?	100 ?	97	90	79	75	81	80	78	78	79	83	88	93	96	96	97	96	96	78 ?
19	97	97	98	97	97	97	98	96	89	88	98	94	85	87	96	93	95	97	98	98	99	99	99	99	96
20	99	100	? ?	? ?	? ?	? ?	? ?	95	87	81	78	71	69	68	70	75	78	87	91	95	97	99	99	99	67 ?
21	100	100 ?	? ?	? ?	? ?	? ?	? ?	99 ?	92	85	76	70	64	64	67	70	74	81	81	87	90	89	90	94	65 ?
22	96	98	99	100 ?	100 ?	100 ?	100 ?	100	98	89	80	74	71	70	67	66	66	71	82	94	96	93	96	99	88
23	96	95	95	96	93	87	82	69	60	54	52	52	52	50	44	42	49	55	63	72	75	78	79	84	70
24	83	87	91	91	93	93	88	74	60	52	49	49	48	47	47	49	54	62	69	72	75	79	83	87	70
25	93	96	98	100 ?	? ?	? ?	? ?	92	74	65	56	53	56	57	54	50	52	60	69	75	81	85	88	90	64 ?
26	94	96	97	98	99	99	98	93	80	70	65	59	58	61	60	58	58	65	74	79	82	87	86	81	79
27	79	82	87	91	96	98	97	91	81	74	68	60	57	53	49	46	49	57	69	70	81	90	88	85	75
28	81	78	81	85	89	92	93	90	83	75	66	58	56	56	57	61	70	77	85	83	85	84	90	94	78
29	95	97	99	93	85	89	91	88	82	68	57	54	56	62	68	70	71	77	81	84	86	86	87	89	80
30	93	95	97	97	99 ?	? ?	? ?	? ?	? ?	98 ?	95	91	87	84	84	82	87	91	88	91	96	97	97	98	77 ?
Avg	93	93	93	94	93	94	93	90	82	75	69	66	64	64	63	63	66	72	79	84	87	89	91	92	74
S D	8	8	7	6	6	5	5	8	11	12	13	14	14	15	16	16	15	14	11	10	9	8	8	8	9
S/A	0.08	0.08	0.07	0.07	0.06	0.06	0.06	0.09	0.13	0.16	0.19	0.22	0.22	0.24	0.26	0.26	0.22	0.19	0.14	0.12	0.1	0.09	0.09	0.08	0.13
Min	78	74	75	75	81	86	82	69	60	52	47	43	44	40	39	39	41	46	59	66	67	69	70	72	57
Max	100	100	99	100	100	100	100	100	98	98	98	94	93	96	96	95	96	99	100	100	99	99	100	99	96

Data Recovery: 0% missing; 10% 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 - September 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	23	23	23	23	23	23	23	24	25	27	30	31	32	32	32	32	31	28	26	25	23	23	22	21	26
2	21	21	21	20	20	20	21	23	26	28	29	30	32	32	32	32	32	31	29	27	27	26	26	25	26
3	25	24	24	23	23	23	23	24	25	27	29	29	28	27	26	25	23	22	22	21	21	21	21	21	24
4	21	22	23	23	24	24	24	24	23	24	26	27	26	24	25	24	26	27	25	23	22	22	21	21	24
5	21	21	20	19	19	18	19	21	25	28	30	31	32	32	33	33	31	29	25	23	21	20	20	20	25
6	19	19	19	19	19	19	19	22	26	29	30	32	33	33	33	33	32	30	28	26	25	25	24	24	26
7	24	24	23	23	23	22	23	24	27	29	31	32	33	33	34	34	33	32	30	28	27	27	26	26	28
8	26	26	25	25	25	24	24	23	22	22	22	21	20	18	17	18	19	20	19	17	16	16	15	15	21
9	15	14	13	13	12	11	12	14	17	19	21	23	23	23	24	24	24	23	20	17	15	14	14	13	17
10	13	12	11	11	11	11	11	14	18	21	23	24	25	25	26	26	25	24	21	18	17	16	15	14	18
11	14	14	14	14	13	13	13	17	21	25	28	29	29	29	30	30	29	27	24	21	19	19	19	19	21
12	17	16	16	16	17	17	18	20	23	26	28	30	31	32	32	32	31	30	28	24	23	22	21	21	24
13	20	20	19	19	19	18	18	21	25	29	32	35	36	35	35	34	33	30	27	24	23	22	21	21	26
14	21	21	21	21	22	22	22	22	25	27	30	31	32	32	32	32	31	29	26	24	23	22	22	21	25
15	21	21	20	21	21	20	21	22	24	27	31	33	33	33	34	33	33	30	27	25	24	23	23	23	26
16	22	22	22	21	21	21	21	23	26	28	30	32	33	33	33	33	32	29	27	25	24	23	23	22	26
17	22	22	21	21	21	21	21	23	28	31	33	34	34	33	33	31	30	29	27	26	25	24	24	24	27
18	24	24	23	23	24	24	24	25	27	30	31	31	31	31	31	30	29	27	25	24	23	23	23	23	26
19	23	22	22	23	23	23	23	24	25	26	25	25	28	29	27	25	26	25	24	24	23	23	23	23	24
20	23	22	22	21	21	21	21	23	26	28	28	30	31	31	32	31	30	28	25	23	22	21	21	21	25
21	20	20	20	20	20	19	20	22	26	29	31	32	33	33	32	31	29	27	26	25	24	24	24	24	25
22	23	23	23	23	23	23	23	24	25	28	29	31	33	32	33	33	32	31	28	26	25	24	23	22	27
23	22	21	21	21	20	19	19	20	22	23	24	24	24	23	23	22	22	20	17	14	13	12	11	11	19
24	10	10	9	9	9	9	10	14	19	22	24	25	26	26	26	26	25	23	20	18	18	17	16	16	18
25	15	14	14	13	13	13	14	18	22	26	28	30	30	29	29	29	28	26	23	21	20	20	19	19	21
26	18	18	18	18	18	17	18	20	23	27	30	33	34	34	33	32	31	29	27	25	24	23	22	22	25
27	21	21	20	19	19	19	19	22	25	27	30	32	32	32	33	33	32	30	27	25	25	24	24	23	26
28	23	23	23	22	22	22	22	24	26	29	32	35	35	35	35	34	32	30	28	26	26	25	21	21	27
29	20	20	20	21	21	20	20	21	24	26	28	29	30	30	30	29	27	25	24	23	22	22	22	22	24
30	22	21	21	21	21	21	21	21	21	22	24	25	27	27	28	28	28	27	25	23	23	23	23	23	24
Avg	20	20	20	20	19	19	19	21	24	26	28	30	30	30	30	30	29	27	25	23	22	22	21	21	24
S D	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	4	3
S/A	0.18	0.19	0.19	0.2	0.21	0.22	0.2	0.14	0.11	0.11	0.11	0.12	0.12	0.13	0.14	0.14	0.13	0.12	0.12	0.14	0.15	0.16	0.16	0.17	0.12
Min	10	10	9	9	9	9	10	14	17	19	21	21	20	18	17	18	19	20	17	14	13	12	11	11	17
Max	26	26	25	25	25	24	24	25	28	31	33	35	36	35	35	34	33	32	30	28	27	27	26	26	28

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 - September 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	0	0	0	0	1	1	2	3	3	3	4	3	3	3	3	3	2	2	1	0	0	0	0	2
2	0	0	0	0	0	0	0	1	2	2	2	2	3	3	3	3	3	1	1	1	3	2	2	2	2
3	1	1	2	2	1	1	1	2	2	2	2	3	3	2	2	3	1	0	0	1	2	3	4	5	2
4	3	2	2	2	5	4	3	3	1	0	2	3	4	5	5	3	3	1	0	0	1	0	0	0	2
5	0	1	0	0	0	0	0	1	3	2	3	2	2	2	1	2	3	2	1	0	1	1	1	0	1
6	0	0	0	0	0	0	0	1	2	2	3	3	3	3	3	3	3	2	1	1	2	2	2	2	2
7	2	2	2	2	2	2	2	3	3	3	3	4	4	4	5	4	4	3	2	2	3	4	4	4	3
8	5	5	5	4	3	2	1	2	2	3	3	2	2	1	0	0	0	0	0	0	1	1	1	0	2
9	1	2	2	2	1	2	2	3	3	3	3	4	3	2	3	3	2	1	1	1	1	1	1	1	2
10	1	1	1	1	2	1	1	1	2	3	3	3	3	2	2	2	2	1	0	0	0	1	0	0	1
11	0	1	2	2	1	1	1	1	2	1	1	2	2	1	1	1	1	0	0	0	0	0	0	0	1
12	0	0	0	1	1	1	1	2	3	2	3	2	3	3	2	2	2	1	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	1	0	1	0	1	1	2	2	3	3	2	1	1	1	1	0	0	1
14	0	0	1	0	1	1	1	1	2	3	3	3	3	3	3	3	2	2	2	2	2	1	1	1	2
15	0	0	0	0	0	0	0	0	1	1	1	1	3	1	2	2	1	3	2	1	1	1	1	1	1
16	2	1	1	1	0	0	1	2	3	3	3	2	2	2	2	2	2	2	1	1	1	1	0	0	1
17	0	0	0	0	0	0	0	0	0	0	1	2	3	3	3	4	3	2	1	2	1	0	0	0	1
18	1	0	0	1	2	1	1	2	2	4	4	4	4	4	5	4	4	3	2	2	2	1	2	2	2
19	2	2	2	2	1	1	1	2	3	3	2	3	4	4	2	3	3	2	2	2	2	1	1	1	2
20	0	0	0	0	0	0	1	1	2	2	2	3	3	2	2	2	2	2	2	0	1	0	0	0	1
21	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	1	1	0	0	0	1
22	0	0	0	0	0	0	0	0	2	2	1	2	2	2	3	2	1	1	1	1	2	3	2	1	1
23	3	3	2	2	2	3	3	4	5	5	5	5	4	4	5	4	3	2	0	0	0	0	0	0	3
24	0	0	0	0	0	0	0	0	1	2	2	2	3	3	2	2	2	2	1	1	1	0	0	0	1
25	0	0	0	0	0	0	0	0	0	1	1	1	2	3	3	2	1	1	1	1	1	1	1	0	1
26	0	1	0	0	0	0	1	1	2	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	1
27	2	2	1	1	1	1	2	2	3	2	3	3	3	4	4	4	3	2	2	3	3	3	3	3	2
28	3	3	3	2	3	3	3	3	3	2	2	1	1	2	1	1	1	0	1	2	2	3	1	0	2
29	0	1	1	2	2	1	0	1	2	3	3	3	3	3	3	3	3	3	2	1	2	1	0	0	2
30	0	0	0	0	0	0	0	1	1	2	2	2	2	2	1	2	2	2	2	1	1	1	2	2	1
Avg	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	2	2	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	1.24	1.11	1.19	1.1	1.21	1.18	1	0.73	0.48	0.48	0.44	0.4	0.3	0.34	0.41	0.39	0.37	0.5	0.6	0.68	0.66	0.84	1.03	1.23	0.36
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	1
Max	5	5	5	4	5	4	3	4	5	5	5	5	4	5	5	5	4	3	2	3	3	4	4	5	3

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 - September 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	276	261	261	283	270	288	331	335	353	352	10	6	351	359	35	32	15	327	281	239	347	228	261	257	354
2	253	304	262	199	163	0	120	90	110	124	145	154	184	156	158	156	153	149	93	111	136	142	137	140	143
3	147	153	140	153	158	156	156	177	178	159	153	140	146	154	172	159	140	103	85	345	341	354	17	17	132
4	22	4	16	55	80	88	83	87	95	139	235	245	240	274	248	261	277	275	215	150	158	154	143	176	334
5	169	173	187	239	233	248	266	292	301	294	287	302	300	276	306	354	12	34	29	42	91	84	85	98	321
6	102	106	118	138	111	94	91	99	119	137	139	145	154	147	136	137	126	142	112	117	116	142	140	146	135
7	150	158	150	150	158	160	159	174	166	160	163	174	141	148	168	149	158	161	151	149	153	145	146	156	156
8	171	167	167	161	188	174	173	207	267	273	287	272	278	249	287	265	155	158	188	195	212	219	227	216	205
9	253	249	248	230	215	251	229	239	290	270	248	282	264	262	257	235	239	247	212	190	196	206	214	205	248
10	227	223	221	211	217	221	210	220	256	265	264	265	256	261	249	236	210	244	209	187	181	167	171	180	240
11	185	198	209	214	225	217	218	238	286	275	258	242	224	252	233	240	229	228	187	138	165	173	149	151	232
12	0	152	151	155	164	166	165	183	183	168	169	189	165	180	173	172	175	161	154	146	122	120	126	133	171
13	135	151	147	153	130	240	205	225	262	312	2	352	322	346	22	14	16	356	12	26	28	30	21	0	4
14	350	31	14	26	25	32	31	33	42	45	49	47	41	55	39	48	52	36	31	35	51	49	75	80	44
15	88	91	62	69	75	0	0	114	143	95	104	70	27	66	119	128	105	70	75	90	130	134	132	137	95
16	151	157	151	163	147	155	136	157	166	168	187	168	164	132	137	135	96	71	88	112	113	106	133	104	144
17	113	0	0	0	0	0	0	0	157	82	30	25	25	21	52	60	68	66	43	63	69	38	59	14	48
18	8	352	316	320	3	324	317	329	346	4	14	1	4	339	352	355	4	6	350	344	341	359	344	353	354
19	341	335	341	328	342	326	303	332	329	345	340	350	356	342	9	332	339	352	342	336	336	349	343	337	342
20	309	285	287	266	284	289	301	286	300	322	320	5	1	348	360	7	10	11	19	52	63	81	81	64	347
21	0	0	0	188	0	0	0	149	156	161	139	94	84	134	122	103	74	67	62	66	68	75	89	85	99
22	0	88	71	0	0	0	0	165	182	189	244	175	184	181	208	219	243	229	278	303	307	283	273	262	227
23	283	282	288	282	271	270	300	307	316	310	325	305	303	314	304	287	297	313	275	273	252	253	252	260	300
24	270	266	261	261	267	264	263	281	358	344	45	39	24	13	37	28	69	65	56	44	54	59	58	75	32
25	0	0	0	0	0	0	0	79	120	176	186	157	44	18	58	124	147	110	79	72	87	91	98	119	86
26	153	166	162	159	158	150	147	166	196	197	212	196	135	127	108	113	134	105	130	143	139	137	154	152	147
27	160	159	163	167	162	173	177	167	186	167	184	161	159	159	169	164	165	148	150	137	150	156	159	161	162
28	168	169	171	163	170	171	173	181	211	208	223	243	208	187	223	232	359	4	48	53	51	306	323	320	187
29	312	341	346	349	334	326	331	336	10	359	3	360	11	42	35	22	20	27	10	22	19	12	53	27	10
30	0	0	214	197	223	244	153	351	54	68	86	103	111	133	127	98	107	100	131	118	133	127	150	153	112
Avg	175	190	183	177	173	188	190	218	256	290	272	311	20	30	110	107	69	51	58	78	99	127	129	138	128

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 - September 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	0	0	1	0	1	2	2	3	4	5	6	6	5	5	5	4	4	3	4	2	1	1	0	0	3
2	0	0	0	0	0	0	0	2	4	4	4	4	4	5	4	5	4	2	2	3	4	4	4	3	3
3	2	2	3	3	2	2	2	3	3	4	4	4	5	3	3	4	3	1	1	2	3	5	7	7	3
4	5	4	3	4	9	7	6	5	2	1	3	5	7	9	8	6	6	2	0	0	1	0	0	1	4
5	1	1	0	1	1	0	1	2	5	4	5	5	4	3	3	3	4	3	2	1	1	2	2	1	2
6	1	1	1	1	0	0	0	2	4	4	4	4	5	5	5	5	5	3	2	3	3	4	3	3	3
7	4	4	3	3	3	3	4	4	5	5	5	6	6	6	7	7	7	5	3	4	5	6	6	6	5
8	7	7	7	7	5	4	2	4	4	6	5	4	4	2	1	1	0	0	1	1	2	3	2	1	3
9	3	4	5	4	3	4	4	5	6	6	7	6	5	5	6	6	5	3	1	1	2	2	2	2	4
10	2	3	2	2	3	2	3	3	4	6	6	6	5	5	5	4	4	2	1	1	1	1	1	1	3
11	1	2	2	3	2	1	1	2	3	2	3	4	4	3	3	3	3	1	0	0	0	0	0	0	2
12	0	0	1	2	2	2	2	3	4	4	4	4	5	4	3	3	3	2	0	0	1	1	1	1	2
13	1	1	1	1	0	1	0	2	1	2	1	2	2	3	3	4	4	4	2	2	2	1	1	0	2
14	1	1	2	1	2	2	2	3	4	5	5	5	5	4	4	4	4	3	3	3	3	2	2	1	3
15	1	0	0	1	1	0	0	1	2	2	2	3	4	3	4	3	3	4	3	2	2	2	3	3	2
16	3	2	3	2	1	1	2	3	4	5	4	4	4	4	4	3	3	3	3	2	2	2	1	1	3
17	0	0	0	0	0	0	0	0	1	2	2	3	5	5	5	6	4	3	2	3	2	1	1	1	2
18	2	1	1	2	3	2	2	4	5	6	6	7	6	6	7	6	6	5	4	4	3	3	3	4	4
19	3	3	3	3	3	2	2	4	5	6	5	5	6	6	4	4	5	4	4	3	3	3	2	2	4
20	1	1	1	0	1	2	2	3	4	4	4	5	5	4	4	4	4	3	3	1	1	0	0	0	2
21	0	0	0	0	0	0	0	1	2	2	2	3	3	4	4	3	4	3	3	2	2	1	1	0	2
22	0	0	0	0	0	0	0	0	3	4	3	4	4	4	4	4	3	2	2	1	3	5	5	3	2
23	5	5	4	4	4	5	5	7	7	8	7	8	7	7	8	7	5	4	1	0	0	1	1	0	5
24	1	0	0	0	1	1	1	1	2	4	4	4	5	4	4	3	4	3	2	2	2	1	0	0	2
25	0	0	0	0	0	0	0	0	2	2	2	2	4	5	4	4	3	2	2	2	3	2	2	1	2
26	1	2	1	1	1	1	2	2	3	2	3	3	3	4	4	4	3	2	3	3	3	3	3	3	3
27	3	3	2	2	2	2	2	3	4	4	5	5	6	6	6	6	6	3	5	5	5	5	5	5	4
28	4	4	4	4	4	4	4	5	5	4	3	3	3	4	3	3	3	1	2	3	3	5	2	1	3
29	0	2	2	3	3	2	1	2	4	5	5	5	5	5	5	5	5	4	4	3	3	2	1	0	3
30	0	0	0	0	1	0	0	2	2	4	4	3	4	3	3	3	4	4	4	3	3	3	4	4	2
Avg	2	2	2	2	2	2	2	3	4	4	4	4	5	5	4	4	4	3	2	2	2	2	2	2	3
S/D	2	2	2	2	2	2	2	2	1	2	1	1	1	1	2	1	1	1	1	1	1	2	2	2	1
S/A	1.05	0.97	1.01	0.93	0.99	0.95	0.83	0.59	0.38	0.4	0.34	0.3	0.24	0.29	0.35	0.32	0.33	0.37	0.51	0.56	0.54	0.66	0.82	0.95	0.31
Min	0	0	0	0	0	0	0	0	1	1	1	2	2	2	1	1	0	0	0	0	0	0	0	0	2
Max	7	7	7	7	9	7	6	7	7	8	7	8	7	9	8	7	7	5	4	5	5	6	7	7	5

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 - September 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	1010	1009	1008	1008	1008	1008	1009	1009	1010	1010	1010	1009	1009	1009	1008	1008	1007	1008	1009	1008	1008	1009	1008	1008	1009	
2	1008	1007	1007	1007	1007	1007	1007	1008	1008	1008	1008	1007	1007	1006	1006	1005	1005	1005	1006	1006	1007	1007	1007	1007	1007	
3	1007	1007	1007	1007	1007	1007	1008	1009	1010	1010	1010	1010	1009	1009	1009	1009	1009	1009	1009	1009	1009	1009	1008	1007	1006	1008
4	1004	1003	1002	1001	1001	1001	1001	1001	1001	1001	1001	1002	1002	1004	1005	1006	1007	1008	1009	1011	1012	1012	1012	1013	1013	1005
5	1013	1013	1014	1014	1015	1015	1016	1017	1018	1019	1019	1019	1019	1018	1017	1016	1015	1014	1014	1013	1013	1013	1013	1013	1013	1016
6	1019	1019	1018	1018	1018	1019	1019	1019	1019	1019	1019	1018	1017	1017	1016	1015	1014	1014	1014	1013	1013	1013	1013	1013	1013	1016
7	1012	1012	1011	1010	1010	1010	1010	1010	1010	1010	1009	1008	1008	1006	1005	1005	1004	1004	1004	1004	1003	1003	1003	1002	1007	
8	1002	1001	1001	1000	1000	1001	1001	1001	1002	1003	1003	1003	1003	1003	1002	1002	1003	1003	1004	1004	1005	1006	1006	1007	1003	
9	1007	1007	1008	1008	1008	1009	1010	1011	1011	1012	1012	1012	1012	1012	1011	1012	1012	1012	1012	1013	1013	1014	1015	1015	1011	
10	1015	1015	1015	1015	1016	1016	1017	1018	1018	1018	1018	1018	1017	1017	1016	1016	1016	1016	1016	1016	1017	1017	1017	1017	1016	
11	1017	1016	1016	1016	1017	1017	1017	1018	1018	1018	1018	1017	1017	1016	1015	1015	1014	1014	1014	1014	1014	1014	1014	1013	1016	
12	1013	1013	1013	1013	1013	1013	1014	1014	1014	1014	1013	1013	1012	1011	1011	1010	1010	1010	1010	1010	1011	1011	1011	1011	1012	
13	1011	1011	1010	1010	1010	1011	1011	1012	1012	1013	1013	1013	1013	1012	1012	1012	1012	1012	1013	1013	1014	1014	1014	1015	1012	
14	1015	1015	1015	1015	1015	1016	1016	1017	1017	1018	1018	1018	1018	1017	1017	1017	1017	1017	1017	1017	1018	1018	1018	1018	1017	
15	1018	1018	1018	1018	1018	1018	1019	1019	1019	1019	1019	1019	1018	1018	1017	1017	1017	1017	1017	1017	1017	1018	1018	1018	1018	
16	1017	1017	1017	1017	1017	1017	1018	1018	1018	1018	1018	1017	1017	1016	1016	1015	1015	1015	1015	1015	1015	1015	1015	1015	1016	
17	1015	1015	1014	1014	1014	1014	1014	1015	1015	1015	1015	1014	1014	1013	1013	1012	1012	1012	1012	1012	1013	1013	1013	1013	1014	
18	1012	1012	1012	1012	1011	1012	1012	1012	1012	1013	1013	1013	1013	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	
19	1012	1012	1012	1011	1011	1012	1012	1012	1012	1012	1012	1012	1011	1011	1010	1010	1010	1010	1011	1011	1011	1011	1011	1011	1011	
20	1011	1011	1011	1011	1011	1012	1012	1013	1013	1013	1013	1013	1013	1012	1012	1012	1011	1011	1012	1012	1013	1013	1013	1013	1012	
21	1013	1012	1012	1012	1012	1012	1012	1013	1013	1013	1013	1012	1012	1011	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1011	
22	1009	1009	1008	1007	1007	1007	1008	1008	1008	1008	1008	1007	1006	1005	1005	1004	1004	1004	1005	1005	1006	1006	1007	1007	1007	
23	1008	1008	1009	1009	1010	1011	1013	1014	1015	1016	1016	1016	1016	1016	1016	1016	1017	1017	1018	1018	1019	1019	1019	1019	1015	
24	1019	1019	1019	1019	1020	1020	1021	1021	1022	1022	1022	1021	1020	1020	1020	1019	1019	1019	1019	1020	1020	1020	1020	1020	1020	
25	1020	1019	1019	1019	1019	1019	1020	1020	1020	1020	1020	1020	1019	1019	1018	1018	1018	1018	1018	1019	1019	1019	1019	1019	1019	
26	1018	1018	1018	1018	1018	1018	1018	1019	1019	1019	1019	1019	1019	1018	1017	1017	1017	1016	1016	1017	1017	1017	1017	1016	1018	
27	1016	1016	1015	1015	1015	1015	1016	1016	1016	1015	1015	1014	1014	1012	1011	1011	1011	1010	1010	1010	1010	1011	1011	1010	1013	
28	1010	1010	1010	1009	1009	1010	1010	1010	1011	1011	1011	1010	1010	1009	1009	1009	1009	1009	1009	1009	1010	1011	1011	1011	1010	
29	1011	1011	1011	1012	1012	1013	1013	1014	1014	1015	1014	1014	1014	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1012	1013	
30	1012	1011	1011	1011	1012	1012	1013	1013	1013	1013	1012	1012	1011	1011	1011	1010	1010	1010	1010	1011	1010	1010	1010	1010	1011	
Avg	1012	1012	1012	1012	1012	1012	1013	1013	1014	1014	1014	1013	1013	1012	1012	1012	1012	1012	1012	1012	1013	1013	1013	1013	1013	
S D	4	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	
S/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Min	1002	1001	1001	1000	1000	1001	1001	1001	1001	1001	1001	1002	1002	1003	1002	1002	1003	1003	1004	1004	1003	1003	1003	1002	1003	
Max	1020	1019	1019	1019	1020	1020	1021	1021	1022	1022	1022	1021	1020	1020	1020	1019	1019	1019	1019	1020	1020	1020	1020	1020	1020	

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