

Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Univ. - June 2000

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	1	62	245 ?	435	619	761	885	928	916	849	749	587	387	203	56	1	0	0	0	0	7684
2	0	0	0	0	1	51	195	389	578	727	844	928	899	853	744	599	406	218	61	1	0	0	0	0	7493
3	0	0	0	0	1	30	194	334	564	737	816	939	719	742	672	504	325	105	26	0	0	0	0	0	6708
4	0	0	0	0	1	48	231	257	183	133	174	247	275	26	104	101	109	70	18	1	0	0	0	0	1979
5	0	0	0	0	0	8	52	40	84	148	248	305	152	240	123	76	31	18	17	1	0	0	0	0	1541
6	0	0	0	0	0	16	99	165	338	413	512	408	460	390	566	500	280	39	40	1	0	0	0	0	4228
7	0	0	0	0	1	37	105	236	512	620	860	882	985	944	825	672	467	263	79	1	0	0	0	0	7489
8	0	0	0	0	1	75	236	424	626	796	915	974	710	973	680	651	455	266	84	1	0	0	0	0	7868
9	0	0	0	0	1	57	225	421	626	792	907	966	976	910	791	638	439	240	74	2	0	0	0	0	8065
10	0	0	0	0	1	64	226	426	618	783	899	964	968	898	787	633	441	242	75	2	0	0	0	0	8026
11	0	0	0	0	1	63	227	429	620	784	901	965	967	904	791	639	454	257	77	1	0	0	0	0	8081
12	0	0	0	0	1	61	222	428	499	719	733	934	748	552	595	514	426	277	93	4	0	0	0	0	6806
13	0	0	0	0	1	65	229	399	522	561	565	744	742	797	688	530	386	210	67	3	0	0	0	0	6510
14	0	0	0	0	1	57	184	313	550	712	824	856	646	182	284	608	225	197	19	1	0	0	0	0	5658
15	0	0	0	0	1	66	239	426	589	766	859	945	941	798	780	624	437	238	78	3	0	0	0	0	7789
16	0	0	0	0	1	26	72	182	443	699	774	876	855	778	748	581	381	120	18	1	0	0	0	0	6552
17	0	0	0	0	1	32	235	389	534	701	774	659	718	927	595	593	364	242	72	1	0	0	0	0	6838
18	0	0	0	0	0	29	117	347	598	769	849	830	866	873	604	464	350	165	57	2	0	0	0	0	6922
19	0	0	0	0	1	16	94	227	418 ?	649 ?	637	496 ?	896 ?	911 ?	?	132	4	2	1	0	0	0	0	0	4484 ?
20	0	0	0	0	0	27	69	95	179	243	367	550	566 ?	?	?	?	?	?	38 ?	2	0	0	0	0	2137 ?
21	0	0	0	0	0	18	190	413	546 ?	?	?	?	449 ?	626 ?	583	300	233	75	3	0	0	0	0	0	3437 ?
22	0	0	0	0	1	50	178 ?	274 ?	419	599	747	858	715	799	488 ?	105	2	4	2	0	0	0	0	0	5240
23	0	0	0	0	1	38	103	?	?	?	?	?	385 ?	277 ?	285	239	188 ?	119 ?	66 ?	4	0	0	0	0	1705 ?
24	0	0	0	0	1	41 ?	?	?	?	781 ?	?	249 ?	314 ?	401 ?	351 ?	?	?	157 ?	55	3	0	0	0	0	2353 ?
25	0	0	0	0	1	43 ?	136 ?	230	393 ?	325 ?	530 ?	561 ?	419 ?	322 ?	308 ?	?	?	213 ?	91	5	0	0	0	0	3577 ?
26	0	0	0	0	1	42	191 ?	412 ?	603 ?	712	871	961	852	873	788	621	434	234	80	2	0	0	0	0	7678
27	0	0	0	0	1	57	215	412	612	730	848	908	939	822	758	580	282	145	62	2	0	0	0	0	7373
28	0	0	0	0	1	36	104	119	448	621	625	452	22	49	88	46	107	30	2	0	0	0	0	0	2749
29	0	0	0	0	0	4	41	148	168	177	505	165	200	452 ?	400	103	26	42	31	7	0	0	0	0	2468
30	0	0	0	0	1	52	195	343	575	705	852	986	999	942	721	564	434	295	96	3	0	0	0	0	7764
Avg	0	0	0	0	1	42	167	311	481	613	716	734	684	653	569	462	301	167	54	2	0	0	0	0	5573
S D	0	0	0	0	0	19	65	118	155	209	205	263	282	295	228	213	154	91	29	1	0	0	0	0	2285
S/A	0	0	0	0	0.43	0.44	0.39	0.38	0.32	0.34	0.29	0.36	0.41	0.45	0.4	0.46	0.51	0.55	0.54	0.76	0	0	0	0	0.41
Min	0	0	0	0	0	4	41	40	84	133	174	165	22	26	88	46	2	2	1	0	0	0	0	0	1541
Max	0	0	0	0	1	75	245	435	626	796	915	986	999	973	825	672	467	295	96	7	0	0	0	0	8081

Daylight Data Recovery: 0% missing; 10% exceed the 15% QC threshold -- 5252 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: 9.83 uV/Wm-2
Serial Number: 25823F3
Calibration Date: 5/20/1998

**Direct Normal Solar Radiation
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Univ. - June 2000**

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	1	132	511 ?	625	681	657	699	686	667	620	590	484	372	246	84	0	0	0	0	0	7055	
2	0	0	0	0	0	86	293	440	545	592	611	618	523	586	597	596	502	387	202	1	0	0	0	0	6580	
3	0	0	0	0	0	3	159	251	438	566	500	516	176	232	255	237	143	4	0	0	0	0	0	0	3479	
4	0	0	0	0	2	39	321	63	2	2	3	4	4	0	3	1	2	1	0	0	0	0	0	0	448	
5	0	0	0	0	0	0	0	1	2	2	3	3	0	4	0	0	0	0	0	0	0	0	0	0	16	
6	0	0	0	0	0	0	4	4	39	41	59	44	45	40	216	337	180	0	18	1	0	0	0	0	1028	
7	0	0	0	0	0	1	2	6	286	280	570	579	806	856	830	809	721	605	359	1	0	0	0	0	6710	
8	0	0	0	0	1	184	490	580	679	759	765	762	362	776	565	621	560	468	283	1	0	0	0	0	7856	
9	0	0	0	0	1	112	413	585	718	777	805	810	818	793	769	721	610	477	243	1	0	0	0	0	8654	
10	0	0	0	0	1	196	478	624	713	766	788	803	793	759	751	701	616	469	258	2	0	0	0	0	8720	
11	0	0	0	0	2	199	481	631	710	763	790	805	796	772	755	718	665	553	292	2	0	0	0	0	8933	
12	0	0	0	0	1	161	436	534	182	401	305	591	262	43	128	177	250	267	105	2	0	0	0	0	3845	
13	0	0	0	0	0	27	149	288	334	199	160	220	213	282	311	352	320	205	76	1	0	0	0	0	3139	
14	0	0	0	0	0	29	156	160	417	497	527	480	316	2	87	412	39	137	3	0	0	0	0	0	3264	
15	0	0	0	0	0	204	406	320	472	633	664	745	732	521	718	665	585	421	190	1	0	0	0	0	7277	
16	0	0	0	0	0	2	3	19	135	417	510	573	536	501	630	514	411	119	2	1	0	0	0	0	4373	
17	0	0	0	0	1	24	442	438	421	380	374	199	265	617	360	474	356	387	164	1	0	0	0	0	4901	
18	0	0	0	0	0	12	64	309	552	523	547	441	522	578	375	307	272	120	21	1	0	0	0	0	4643	
19	0	0	0	0	0	1	2	0	0 ?	?	0 ?	0 ?	?	?	?	0 ?	1	2	1	0	0	0	0	0	7 ?	
20	0	0	0	0	0	2	3	2	4	2	1	1	0 ?	?	?	?	?	0 ?	?	0 ?	0	0	0	0	0	14 ?
21	0	0	0	0	0	1	11	10	13 ?	?	?	?	?	0 ?	284 ?	444	187	234	157	5	0	0	0	0	1346 ?	
22	0	0	0	0	0	49	178 ?	121 ?	159	265	374	418	238	370	156 ?	2	3	3	2	1	0	0	0	0	2340	
23	0	0	0	0	0	1	2	?	?	?	?	?	?	3 ?	13	2	4 ?	0 ?	0 ?	0	0	0	0	0	0	25 ?
24	0	0	0	0	0	2 ?	?	?	?	?	?	0 ?	1	0 ?	0 ?	?	?	0 ?	0	0	0	0	0	0	0	3 ?
25	0	0	0	0	0	4 ?	2 ?	2	6 ?	0 ?	?	1 ?	?	1 ?	1 ?	?	?	169 ?	86	4	0	0	0	0	0	275 ?
26	0	0	0	0	0	59	177 ?	382 ?	572 ?	529	670	690	542	679	682	577	518	368	206	5	0	0	0	0	0	6656
27	0	0	0	0	0	157	449	599	674	644	670	691	732	587	603	506	197	145	97	1	0	0	0	0	0	6751
28	0	0	0	0	0	2	8	1	128	282	242	150	0	2	2	1	3	2	1	0	0	0	0	0	0	822
29	0	0	0	0	0	0	2	6	5	3	34	5	6	25 ?	50	1	1	2	2	2	0	0	0	0	0	145
30	0	0	0	0	0	42	243	338	544	539	633	799	840	802	501	438	396	584	384	14	0	0	0	0	0	7095
Avg	0	0	0	0	0	58	203	262	337	405	435	415	392	373	365	374	293	220	108	2	0	0	0	0	0	3880
S D	0	0	0	0	0	71	193	240	268	267	280	310	306	323	287	264	238	205	120	3	0	0	0	0	0	3128
S/A	0	0	0	0	1.17	1.24	0.95	0.92	0.8	0.66	0.64	0.75	0.78	0.87	0.78	0.71	0.81	0.93	1.11	1.67	0	0	0	0	0	0.81
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	3
Max	0	0	0	0	2	204	511	631	718	777	805	810	840	856	830	809	721	605	384	14	0	0	0	0	0	8933

Daylight Data Recovery: 0% missing; 12% exceed the 15% QC threshold -- 5252 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: 7.53 uV/Wm-2
Serial Number: 25519E6
Calibration Date: 5/20/1998

Diffuse Solar Radiation on a Horizontal Surface (Shadow Band PSP)
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Univ. - June 2000

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	1	35	86 ?	104	136	188	196	210	222	245	235	239	189	124	45	1	0	0	0	0	2256
2	0	0	0	0	1	40	107	167	203	229	248	290	355	280	223	169	139	91	36	1	0	0	0	0	2578
3	0	0	0	0	1	27	140	202	254	250	322	402	529	488	430	322	236	91	22	0	0	0	0	0	3717
4	0	0	0	0	1	42	125	213	159	116	151	221	246	23	90	87	94	61	17	1	0	0	0	0	1645
5	0	0	0	0	0	7	45	35	73	128	215	262	131	206	107	66	28	16	15	1	0	0	0	0	1336
6	0	0	0	0	0	14	86	144	286	348	418	339	374	328	351	251	167	36	36	1	0	0	0	0	3178
7	0	0	0	0	1	33	97	228	273	359	266	253	133	94	88	79	74	55	28	1	0	0	0	0	2062
8	0	0	0	0	1	42	80	120	146	141	165	178	300	195	157	173	130	96	40	1	0	0	0	0	1966
9	0	0	0	0	1	40	93	113	117	120	122	121	115	112	104	97	90	67	35	2	0	0	0	0	1349
10	0	0	0	0	1	36	78	103	117	125	130	129	130	131	113	104	90	71	34	2	0	0	0	0	1392
11	0	0	0	0	1	36	77	101	120	127	132	129	128	126	112	97	79	58	31	1	0	0	0	0	1355
12	0	0	0	0	1	38	88	156	349	349	383	296	401	444	397	330	252	161	73	3	0	0	0	0	3721
13	0	0	0	0	1	60	179	252	289	378	411	470	457	433	342	233	183	124	51	2	0	0	0	0	3866
14	0	0	0	0	1	53	135	228	259	290	310	346	292	163	181	294	197	148	17	1	0	0	0	0	2916
15	0	0	0	0	1	37	117	258	245	225	201	170	173	248	141	128	107	86	45	2	0	0	0	0	2185
16	0	0	0	0	1	22	63	154	328	332	272	272	273	256	182	192	144	69	16	1	0	0	0	0	2578
17	0	0	0	0	1	24	93	162	229	359	393	437	413	304	250	223	154	105	42	1	0	0	0	0	3189
18	0	0	0	0	0	26	91	169	205	316	307	361	311	289	265	232	190	119	50	2	0	0	0	0	2933
19	0	0	0	0	1	14	80	204	307 ?	489 ?	489	449 ?	239 ?	276 ?	?	109	3	2	1	0	0	0	0	0	2663 ?
20	0	0	0	0	0	24	61	83	156	211	332	494	470 ?	?	?	?	?	?	26 ?	2	0	0	0	0	1861 ?
21	0	0	0	0	1	15	176	365	477 ?	?	?	?	?	370 ?	328 ?	232	185	151	51	3	0	0	0	0	2354 ?
22	0	0	0	0	1	44	161 ?	243 ?	351	378	384	419	462	426	338 ?	92	2	3	2	0	0	0	0	0	3308
23	0	0	0	0	1	32	87	?	?	?	?	?	294 ?	248 ?	250	209	162 ?	102 ?	48 ?	4	0	0	0	0	1437 ?
24	0	0	0	0	1	28 ?	?	?	?	143 ?	?	210 ?	263 ?	336 ?	319 ?	?	?	115 ?	44	3	0	0	0	0	1460 ?
25	0	0	0	0	1	29 ?	109 ?	203	352 ?	284 ?	355 ?	468 ?	347 ?	266 ?	273 ?	?	?	136 ?	68	4	0	0	0	0	2897 ?
26	0	0	0	0	1	38	170 ?	248 ?	196 ?	255	211	234	268	191	175	188	141	98	48	2	0	0	0	0	2465
27	0	0	0	0	1	43	85	108	142	171	186	177	162	221	210	194	161	95	42	2	0	0	0	0	2000
28	0	0	0	0	1	31	97	104	329	371	384	292	20	42	77	39	92	25	2	0	0	0	0	0	1906
29	0	0	0	0	0	4	36	128	145	154	450	147	181	388 ?	324	91	23	36	27	6	0	0	0	0	2139
30	0	0	0	0	1	47	127	181	195	233	221	147	108	127	255	220	211	81	37	3	0	0	0	0	2191
Avg	0	0	0	0	1	32	102	170	230	253	283	283	269	250	226	174	130	84	34	2	0	0	0	0	2363
S D	0	0	0	0	0	13	36	69	94	101	105	116	127	119	100	80	67	43	17	1	0	0	0	0	741
S/A	0	0	0	0	0.41	0.4	0.35	0.4	0.41	0.4	0.37	0.41	0.47	0.48	0.44	0.46	0.51	0.51	0.51	0.71	0	0	0	0	0.31
Min	0	0	0	0	0	4	36	35	73	116	122	121	20	23	77	39	2	2	1	0	0	0	0	0	1336
Max	0	0	0	0	1	60	179	365	477	489	489	494	529	488	430	330	252	161	73	6	0	0	0	0	3866

Daylight Data Recovery: 0% missing; 11% exceed the 15% QC threshold -- 5252 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:	9.07 uV/Wm-2
Serial Number:	25819F3
Calibration Date:	5/20/1998

Dry Bulb Temperature (Roof)
Hourly and Daily Averages
Degrees Celsius
Elizabeth City State Univ. - June 2000

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	15	15	15	15	15	15	17	19	21	23	25	27	28	28	29	30	30	29	28	27	26	26	25	24	23
2	23	23	23	22	22	22	24	26	28	30	31	31	31	31	32	32	32	32	31	29	27	26	26	25	28
3	25	24	24	24	24	23	24	26	27	28	27	26	25	23	23	22	21	20	19	18	18	18	17	17	23
4	17	18	17	17	17	17	18	19	20	20	20	19	19	18	18	17	18	18	17	17	17	18	18	18	18
5	18	18	18	18	17	17	17	17	17	18	19	21	22	22	22	23	23	23	21	20	19	19	18	17	18
6	17	17	17	17	17	17	17	18	19	21	22	22	22	23	23	23	23	21	20	19	19	18	18	17	19
7	16	16	16	15	15	15	15	16	17	18	19	20	21	22	23	23	23	23	22	20	18	17	17	16	18
8	16	16	15	14	15	16	17	19	20	22	23	24	24	25	25	25	25	25	24	22	21	20	20	20	21
9	19	19	19	18	18	18	19	21	22	23	25	26	26	27	28	28	28	28	26	24	23	22	22	21	23
10	21	20	20	20	19	19	20	22	24	26	27	27	28	29	29	30	29	28	27	25	24	23	22	22	24
11	21	21	20	20	20	20	21	22	24	26	27	28	29	30	30	30	30	30	29	26	25	24	23	23	25
12	22	21	21	21	20	21	22	24	26	27	29	30	31	31	31	31	31	31	30	29	27	26	25	25	26
13	24	24	24	23	23	23	24	25	26	28	30	31	29	29	28	27	26	25	23	22	21	21	21	21	25
14	21	21	21	21	21	21	22	24	27	29	31	32	31	27	27	28	27	27	26	25	25	23	23	25	25
15	22	22	22	22	21	22	23	25	26	27	28	30	31	31	32	31	31	30	28	27	26	25	25	25	26
16	24	24	24	24	24	24	25	25	26	28	29	30	30	31	32	32	31	30	29	28	28	27	26	26	27
17	25	25	25	25	24	24	25	26	27	28	28	29	30	31	31	31	31	31	30	28	27	27	26	26	28
18	25	25	25	25	24	24	25	26	27	28	29	30	30	31	32	32	32	31	30	29	27	24	24	24	27
19	24	24	24	24	24	24	24	25	26	27	28	29	31	32	32	29	24	23	22	22	22	22	22	22	25
20	22	22	22	22	21	21	21	22	22	22	23	24	24	25	25	25	25	25	23	22	21	21	20	20	22
21	20	20	19	20	20	21	22	24	25	27	27	28	29	30	30	30	29	29	28	27	26	26	26	25	25
22	25	25	24	24	24	24	25	26	27	28	29	30	30	31	31	29	22	22	23	22	22	22	22	22	25
23	22	21	21	21	21	21	21	23	25	27	28	30	31	30	30	30	30	30	29	27	26	25	25	25	26
24	25	24	24	23	23	23	24	26	28	30	30	30	30	31	31	30	30	29	28	27	26	25	25	24	27
25	24	24	24	24	23	24	25	26	27	27	27	27	28	28	27	29	29	29	28	27	26	26	25	25	26
26	25	24	24	24	24	24	25	25	27	28	29	29	30	31	32	31	31	30	29	28	27	27	26	25	27
27	25	25	25	24	24	24	24	25	26	27	27	28	29	30	31	31	31	30	29	28	27	27	26	26	27
28	25	24	24	24	24	24	25	25	26	27	28	28	26	22	22	22	23	23	23	22	21	21	22	21	24
29	21	22	23	22	22	22	22	23	24	25	25	25	22	24	26	25	23	22	22	22	21	21	21	21	23
30	21	21	21	21	20	20	21	22	24	25	26	27	27	27	27	27	26	26	25	23	22	21	21	19	23
Avg	22	21	21	21	21	21	22	23	24	26	27	27	27	28	28	28	27	26	26	24	24	23	23	22	24
S D	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	3	3
S/A	0.14	0.14	0.14	0.15	0.15	0.14	0.14	0.13	0.13	0.12	0.13	0.13	0.13	0.14	0.14	0.14	0.15	0.16	0.15	0.15	0.14	0.14	0.14	0.13	0.12
Min	15	15	15	14	15	15	15	16	17	18	18	19	19	18	18	17	18	18	17	17	17	17	17	16	18
Max	25	25	25	25	24	24	25	26	28	30	31	32	31	32	32	32	32	32	31	29	28	27	26	26	28

Data Recovery: 0% missing; 0% failed QC -- 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: 6/1/1995

**Relative Humidity
Hourly and Daily Averages
Percent
Elizabeth City State Univ. - June 2000**

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	?	96	88	81	72	64	64	63	62	61	62	64	70	77	78	81	81	89	56	?	
2	91	95	96	97	98	98	92	84	75	68	63	63	64	62	58	57	59	63	69	78	85	90	92	93	79	81	?	
3	94	93	92	93	95	96	93	81	76	66	66	68	73	75	76	74	74	75	75	77	77	76	87	93	81	?		
4	86	86	88	91	95	96	93	87	81	78	83	94	93	98	?	?	?	?	?	?	?	?	?	?	?	52	?	
5	?	?	?	?	?	?	?	?	?	?	?	100	?	100	?	99	98	98	99	?	?	?	?	?	?	?	25	?
6	?	?	?	?	?	?	?	?	?	?	100	?	97	90	86	84	80	80	76	76	86	96	98	97	95	93	59	?
7	92	90	88	91	90	94	90	81	74	67	64	60	56	51	43	40	40	41	47	59	70	80	82	87	70	79	?	
8	91	95	97	99	?	?	100	?	98	85	73	63	53	50	51	43	42	44	42	46	57	64	66	74	79	80	66	?
9	81	81	83	86	88	87	84	77	71	66	65	63	61	60	56	54	56	59	66	70	74	77	78	79	72	72	?	
10	83	85	86	87	90	91	88	76	67	61	64	60	59	59	57	54	57	60	63	68	73	78	83	86	72	75	?	
11	89	90	92	93	94	94	90	82	75	71	66	62	60	58	59	55	52	54	62	71	77	84	88	85	75	76	?	
12	88	90	92	95	96	96	91	80	75	69	65	62	59	59	58	60	61	61	66	71	76	81	85	90	76	76	?	
13	94	96	97	99	?	100	?	97	91	85	80	72	69	79	79	81	83	86	90	94	98	100	?	?	?	74	?	
14	?	?	?	?	?	?	?	96	?	88	80	73	71	74	93	92	87	88	90	94	97	94	89	96	99	63	?	
15	100	?	?	99	?	99	?	94	91	87	83	76	71	67	63	58	62	64	72	74	80	84	87	92	94	79	?	
16	96	98	100	?	?	100	?	99	96	91	84	77	71	67	63	60	65	71	76	75	74	79	83	88	74	?	?	
17	90	93	96	96	96	97	94	88	84	81	79	78	75	71	70	68	67	68	72	80	84	88	88	93	83	83	?	
18	96	95	95	94	97	97	97	93	86	80	76	74	72	68	66	63	63	69	80	83	84	91	94	94	84	84	?	
19	95	96	97	97	98	98	98	95	90	86	81	78	69	66	63	73	94	?	?	?	?	?	?	?	?	61	?	
20	?	?	?	?	?	100	99	97	95	92	84	79	76	72	70	66	61	63	69	76	82	85	89	93	64	?	?	
21	95	98	100	?	99	100	96	82	70	68	71	73	70	69	68	73	77	77	79	83	89	90	91	94	84	84	?	
22	97	98	98	99	100	99	97	93	90	85	81	79	78	75	71	77	?	?	?	100	?	100	?	99	99	80	?	
23	100	?	100	?	100	?	?	96	?	83	74	67	56	53	54	55	56	58	60	69	74	79	82	86	93	62	?	
24	96	98	100	?	100	?	100	?	96	88	76	70	67	65	60	52	53	66	62	69	75	82	86	88	89	93	76	?
25	97	98	99	100	?	?	99	96	90	82	79	76	71	71	75	81	76	79	83	87	89	91	93	91	93	83	?	
26	95	96	98	98	98	99	97	93	85	82	75	70	67	63	62	64	64	68	72	75	78	82	87	91	82	82	?	
27	93	91	90	91	94	95	92	87	83	80	76	71	65	63	61	59	61	66	71	77	81	84	87	89	79	79	?	
28	89	91	92	94	95	95	94	91	88	83	80	78	88	98	100	?	?	100	?	?	?	?	?	?	?	61	?	
29	?	?	?	?	?	?	?	?	99	?	98	96	93	?	96	87	90	94	?	?	?	?	?	?	?	31	?	
30	?	?	?	?	?	?	100	?	93	82	64	50	44	41	39	40	41	47	55	59	65	76	84	86	93	48	?	
Avg	92	93	95	95	96	97	95	88	83	77	73	71	69	69	66	66	67	68	73	79	82	85	88	91	68	68	?	
S/D	5	5	5	4	3	3	4	6	8	10	10	12	13	15	15	14	15	14	12	11	9	6	5	5	15	15	?	
S/A	0.05	0.05	0.05	0.04	0.04	0.03	0.04	0.07	0.1	0.13	0.14	0.17	0.18	0.22	0.23	0.21	0.23	0.2	0.16	0.13	0.11	0.07	0.06	0.05	0.21	0.21	?	
Min	81	81	83	86	88	87	84	76	67	61	50	44	41	39	40	40	40	41	47	59	66	74	78	79	25	25	?	
Max	100	98	100	100	100	100	100	97	100	98	96	100	100	99	100	98	99	100	96	100	100	99	99	99	99	84	84	?

Data Recovery: 0% missing; 18% failed QC -- 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: 6/1/1995

Temperature (CR10)
Hourly and Daily Averages
Degrees Celsius
Elizabeth City State Univ. - June 2000

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	14	13	14	14	14	15	16	20	23	26	27	29	30	31	32	33	33	32	30	28	26	25	25	24	24
2	23	22	22	22	21	21	23	27	30	34	36	36	36	35	35	35	35	35	33	30	28	26	25	25	29
3	24	24	24	23	23	23	24	26	29	30	31	30	29	27	27	26	25	22	20	19	18	18	17	16	24
4	16	16	16	16	16	16	18	20	21	21	21	19	20	19	18	18	18	18	18	18	17	18	18	18	18
5	18	18	18	18	17	17	17	17	17	18	19	20	21	20	21	20	20	19	18	18	17	17	17	17	18
6	17	17	17	17	17	17	17	19	20	23	24	25	24	25	25	26	26	23	20	19	18	18	17	16	20
7	16	15	15	14	15	14	14	16	18	20	21	23	23	24	25	25	25	25	23	20	18	16	15	15	19
8	14	14	13	13	13	14	16	19	22	24	26	27	27	27	28	28	28	27	26	23	21	20	19	19	21
9	18	18	18	17	17	17	18	21	23	25	27	28	28	29	30	31	31	30	28	25	23	22	21	21	24
10	20	20	19	19	18	18	20	23	26	28	30	30	31	31	32	32	32	31	29	26	24	23	22	21	25
11	21	20	20	19	19	19	21	23	26	28	29	31	31	32	33	33	33	32	30	28	25	24	23	22	26
12	21	21	20	20	20	20	22	25	27	29	32	33	34	34	34	34	33	33	31	29	27	26	25	24	27
13	24	23	23	23	22	22	24	26	28	30	33	34	35	33	33	31	30	28	26	24	22	21	21	21	27
14	21	21	21	21	21	21	22	25	28	31	34	36	36	30	27	28	29	28	27	25	25	24	23	22	26
15	21	21	21	21	20	21	23	26	28	30	32	32	33	33	34	34	34	32	31	28	26	25	25	25	27
16	24	24	24	23	23	23	24	25	27	29	31	32	33	33	34	34	34	33	30	29	28	27	26	26	28
17	25	25	25	24	24	24	25	27	29	30	31	32	32	33	33	33	33	32	29	28	27	26	25	25	29
18	25	25	25	25	24	24	24	26	29	31	32	33	33	34	34	34	34	33	31	29	28	26	24	24	29
19	24	24	24	24	24	24	24	25	27	30	31	32	33	34	35	34	27	23	23	23	22	22	22	22	26
20	21	21	21	21	21	21	21	22	22	23	25	26	27	28	28	29	29	28	26	23	21	20	19	19	23
21	19	19	18	18	19	20	21	25	28	30	32	32	32	32	34	33	32	31	30	28	27	26	26	25	27
22	25	24	24	24	24	24	25	27	28	30	31	32	33	33	33	32	25	23	22	22	22	22	22	22	26
23	21	21	21	21	20	20	21	22	27	30	32	34	35	34	33	32	31	31	30	28	26	25	24	24	27
24	24	23	23	22	22	22	23	27	31	34	35	35	33	34	34	33	32	30	28	26	25	24	24	28	
25	23	23	23	23	23	23	25	26	28	30	30	31	32	32	30	31	32	31	30	28	26	26	25	25	27
26	24	24	23	23	23	23	24	26	28	30	31	32	32	33	34	34	33	31	29	28	27	26	25	28	
27	25	24	24	24	23	23	25	27	28	30	31	31	32	32	33	33	32	31	29	28	27	26	26	28	
28	25	24	23	23	24	24	25	25	26	29	30	31	29	24	23	22	23	23	23	22	21	21	21	21	24
29	21	21	22	22	22	22	22	22	24	25	25	27	24	24	27	27	25	23	22	22	21	21	21	21	23
30	21	21	21	20	20	20	20	22	25	27	28	29	29	29	30	30	29	29	27	24	22	20	18	17	24
Avg	21	21	21	20	20	20	22	24	26	28	29	30	30	30	30	30	30	28	27	25	24	23	22	22	25
S D	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	4	4	4	3	3	3	3
S/A	0.16	0.16	0.16	0.16	0.16	0.15	0.14	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.14	0.15	0.16	0.16	0.15	0.15	0.15	0.15	0.15	0.12
Min	14	13	13	13	13	14	14	16	17	18	19	19	20	19	18	18	18	18	18	17	16	15	15	15	18
Max	25	25	25	25	24	24	25	27	31	34	36	36	36	35	35	35	35	35	33	30	28	27	26	26	29

Data Recovery: 0% missing; 0% failed QC -- 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: 6/1/1995

Wind Speed
Hourly and Daily Averages
Meters/Second
Elizabeth City State Univ. - June 2000

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	1	0	1	2	2	3	3	2	3	3	2	2	3	3	1	1	1	1	1	0	2
2	1	1	1	1	1	2	1	1	1	0	2	3	3	3	3	3	2	2	1	1	2	1	2	1	2
3	2	2	2	1	2	1	2	2	3	4	5	5	6	5	4	4	4	3	3	3	2	1	1	2	3
4	1	2	1	2	2	2	3	4	3	3	3	3	4	3	1	2	2	2	2	2	1	1	1	2	2
5	1	0	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1
6	1	1	1	1	0	0	0	0	1	3	4	3	3	3	3	2	3	3	1	1	2	2	3	3	2
7	3	3	2	2	1	2	2	2	3	4	4	3	3	3	4	4	3	2	1	1	1	0	1	1	2
8	0	1	0	0	1	2	2	3	3	3	4	3	3	3	3	4	3	3	2	2	2	2	2	3	2
9	2	2	2	2	2	2	3	4	5	5	4	4	4	3	3	3	3	3	2	2	3	3	3	3	3
10	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	3	3	3	2	3	3	3	3
11	3	3	3	3	2	2	3	4	3	4	4	3	3	3	4	4	3	3	2	2	2	2	3	3	3
12	3	3	2	2	2	2	2	3	3	2	2	2	3	3	3	4	3	3	2	2	2	1	2	2	2
13	2	2	1	1	0	1	3	3	3	2	1	1	4	3	4	3	4	3	3	2	2	2	2	2	2
14	1	1	0	0	0	0	0	1	1	1	1	2	3	2	2	4	3	3	2	1	2	2	0	1	2
15	1	1	2	2	0	0	1	2	3	3	3	4	4	4	4	5	5	5	4	3	3	3	3	3	3
16	1	1	1	1	2	2	3	3	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4	3
17	4	3	3	2	2	3	4	5	5	5	4	4	4	5	4	4	4	3	3	3	3	3	3	3	4
18	3	3	3	3	2	3	3	3	4	4	5	4	4	4	4	4	4	3	3	4	5	1	2	2	3
19	3	3	3	3	2	2	3	3	4	4	3	3	3	3	3	3	3	1	1	0	2	2	1	1	2
20	0	1	1	2	2	2	1	2	2	3	3	4	4	3	3	3	3	2	2	3	2	2	1	2	2
21	1	0	0	0	0	0	1	1	2	2	3	3	3	2	3	3	4	4	3	2	3	3	3	3	2
22	3	3	2	3	3	3	3	4	4	5	4	4	4	5	4	4	2	2	3	3	3	3	2	2	3
23	2	2	2	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	3	3	2	2	2	1	2
24	1	0	0	0	0	0	1	1	0	1	2	2	2	2	3	4	3	3	2	2	2	2	2	1	2
25	1	1	0	1	1	1	1	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	4	3	2
26	3	3	3	3	2	3	4	4	4	4	5	5	4	4	4	4	4	4	3	3	3	4	4	4	4
27	4	4	4	3	3	4	4	4	4	5	5	5	5	5	5	4	4	3	4	4	4	4	4	3	4
28	1	0	1	2	3	3	3	3	4	3	3	2	2	2	2	1	1	3	2	2	3	2	2	2	2
29	1	1	3	3	3	2	1	2	3	3	4	3	1	1	1	1	2	1	1	0	0	0	1	1	2
30	1	1	1	0	0	0	1	2	3	3	3	3	4	3	3	3	3	3	2	2	0	0	0	0	2
Avg	2	2	2	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
SD	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	0.62	0.67	0.66	0.61	0.66	0.67	0.55	0.45	0.42	0.37	0.34	0.33	0.32	0.32	0.32	0.33	0.26	0.29	0.35	0.45	0.46	0.49	0.51	0.49	0.3
Min	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
Max	4	4	4	3	3	4	4	5	5	5	5	5	6	5	5	5	5	5	4	4	5	4	4	4	4

Data Recovery: 0% missing; 0% failed QC -- 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: 6/1/1995

Wind Direction
Hourly and Daily Averages
Degrees
Elizabeth City State Univ. - June 2000

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	289	300	299	19	22	4	10	33	37	42	40	50	22	21	8	358	22	17	0	16	24	19	10	341	23
2	354	2	11	23	33	48	56	87	72	64	234	203	257	310	343	336	319	332	335	326	340	358	13	347	341
3	12	354	30	46	37	47	79	111	144	176	192	197	192	190	187	213	213	194	194	205	200	195	270	201	188
4	225	223	196	206	191	219	209	206	218	207	207	203	210	187	148	175	193	184	190	174	176	185	171	162	198
5	173	191	154	163	153	126	145	122	136	136	159	166	185	163	144	142	175	192	198	185	198	200	229	206	171
6	205	190	221	185	203	137	89	357	13	41	68	66	92	79	108	90	116	131	89	79	85	86	81	98	89
7	98	86	87	88	80	95	68	99	132	123	143	144	148	137	144	145	150	180	209	260	300	333	307	320	127
8	309	325	330	21	29	15	18	39	30	29	43	351	9	346	0	10	10	359	302	332	327	322	337	346	2
9	351	355	1	355	4	349	10	14	31	17	10	18	359	354	349	355	313	325	316	319	326	332	350	0	355
10	355	0	344	0	1	7	14	19	8	349	347	321	343	356	326	329	319	322	334	339	339	333	337	358	345
11	357	6	352	354	358	12	3	14	6	11	360	6	345	338	313	324	322	342	334	329	320	331	349	353	348
12	355	357	359	353	353	354	20	18	24	33	18	10	25	18	10	22	23	22	20	0	348	7	330	358	10
13	348	13	42	347	335	344	9	26	31	30	75	260	209	205	204	206	206	214	207	206	203	197	196	203	214
14	212	278	326	23	139	107	63	40	28	16	300	227	226	206	179	233	238	230	232	257	60	57	234	281	236
15	4	3	355	28	161	224	301	332	334	334	314	319	334	313	297	309	316	326	322	323	329	359	22	327	327
16	354	356	2	338	306	324	336	354	7	17	8	344	345	340	334	351	324	336	340	338	340	321	345	340	345
17	5	345	341	354	345	342	7	14	15	30	358	4	11	16	350	350	333	342	329	349	338	346	333	355	
18	351	354	357	356	352	349	352	342	356	5	20	7	9	16	348	359	16	353	317	324	357	37	359	11	358
19	21	10	10	2	350	17	5	8	26	25	24	16	29	4	26	151	156	274	88	39	324	1	125	84	20
20	89	122	145	168	167	182	189	176	193	200	210	202	202	194	203	195	205	206	202	218	216	220	243	252	198
21	254	12	252	262	0	217	280	305	312	280	315	314	316	319	327	288	294	298	303	302	313	337	341	343	310
22	353	349	348	346	341	344	346	354	16	8	1	11	352	7	354	347	339	301	331	357	10	21	43	38	357
23	47	40	39	42	38	14	40	40	68	66	61	85	42	8	336	308	326	315	247	249	270	247	243	248	357
24	284	302	287	293	324	311	336	27	291	246	218	236	296	338	299	316	314	292	286	314	307	302	311	309	297
25	313	313	258	275	278	287	312	323	317	360	18	8	2	329	305	308	297	302	301	328	328	338	343	339	326
26	347	0	348	346	358	351	350	7	0	349	346	351	329	345	322	326	330	337	334	328	340	354	337	345	345
27	359	350	360	6	3	349	359	4	13	4	7	2	356	1	359	1	356	21	1	342	348	349	359	11	360
28	86	292	304	352	9	2	7	24	20	31	4	330	52	86	258	96	210	256	254	286	286	286	321	8	349
29	285	312	360	19	31	33	330	359	19	26	29	70	25	80	82	351	206	243	304	299	28	26	28	61	24
30	52	60	76	71	81	107	126	142	140	157	150	140	169	143	175	177	217	217	207	219	263	279	0	0	163
Avg	358	359	2	5	5	1	5	15	22	24	13	357	344	356	336	324	300	302	299	309	329	336	343	349	347

Data Recovery: 0% missing; 0% failed QC -- 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: 6/1/1995

Peak Wind Speed
Hourly and Daily Averages
Meters/Second
Elizabeth City State Univ. - June 2000

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	1	1	1	2	1	2	4	4	5	4	4	4	4	4	4	4	4	2	1	2	1	1	1	3
2	1	2	2	2	2	2	2	3	2	1	3	4	4	4	5	5	4	3	2	2	2	2	2	2	3
3	2	3	3	2	2	2	3	4	6	7	8	8	9	7	6	6	6	5	5	4	4	2	2	3	5
4	2	3	2	3	3	3	4	5	4	5	5	4	5	5	3	3	4	4	3	3	2	2	2	4	4
5	3	1	2	2	2	1	3	2	3	4	4	4	3	3	2	2	3	4	4	4	2	2	2	2	3
6	2	2	2	2	1	0	0	1	2	5	6	6	6	6	6	5	5	5	2	2	3	4	5	6	3
7	6	5	4	4	3	3	4	5	6	7	6	5	5	5	6	6	5	3	2	2	1	1	2	2	4
8	1	1	1	0	1	2	4	4	5	5	5	5	5	5	4	5	5	4	4	3	4	4	4	4	4
9	3	4	3	2	2	3	4	6	7	7	6	5	6	5	5	5	5	5	5	4	4	4	5	4	5
10	4	3	3	3	3	3	4	4	4	4	5	5	5	6	6	6	6	6	5	4	4	4	4	4	4
11	4	4	4	4	3	3	4	5	5	6	5	5	6	5	5	6	6	5	4	3	4	4	4	5	5
12	4	4	3	3	3	3	4	4	4	4	3	4	5	5	5	5	4	4	3	2	3	2	2	2	4
13	3	2	1	1	1	2	4	5	4	4	2	2	5	5	6	5	6	5	4	4	3	3	3	3	3
14	2	2	0	0	0	0	1	3	3	3	2	3	5	4	3	6	5	4	3	2	4	4	1	2	3
15	1	2	3	2	1	1	2	4	4	5	5	6	6	6	6	7	8	8	7	5	5	4	4	4	4
16	2	2	2	2	3	3	5	5	6	7	6	6	7	7	6	6	6	5	5	5	6	5	5	6	5
17	6	5	5	4	4	4	6	7	7	7	7	6	7	7	6	6	6	5	5	5	5	5	5	5	6
18	4	5	5	5	4	4	5	5	6	6	6	7	6	7	6	6	6	5	6	6	7	2	2	3	5
19	4	4	4	5	3	4	4	5	5	5	4	4	4	5	5	5	6	2	2	1	3	3	3	2	4
20	1	3	3	4	4	4	3	3	4	4	4	5	6	5	5	4	4	3	3	4	4	3	2	3	4
21	2	0	1	0	0	0	1	2	3	3	4	5	5	4	4	5	7	7	5	4	4	5	5	5	4
22	4	4	4	4	4	5	5	7	7	7	7	7	7	7	7	8	4	3	5	4	4	5	3	3	5
23	4	3	3	2	2	2	2	3	3	3	3	2	2	2	3	4	3	3	4	4	2	2	2	2	3
24	1	0	0	0	0	0	1	1	1	2	4	3	3	3	5	7	5	5	3	3	3	4	4	2	3
25	2	1	0	1	1	1	2	3	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	5	4
26	5	5	5	4	4	4	6	7	7	7	7	8	7	6	7	6	6	6	6	6	6	6	7	6	6
27	6	7	6	5	5	6	6	7	8	7	8	8	8	8	8	7	6	5	4	6	6	6	6	5	6
28	2	0	1	4	5	5	4	5	6	5	4	4	4	3	3	2	2	4	3	4	4	3	4	3	4
29	1	2	4	4	4	3	2	3	5	5	6	5	2	3	3	2	4	2	2	1	0	1	1	2	3
30	2	2	3	1	0	1	3	4	5	5	6	6	6	5	4	4	4	4	4	3	1	0	0	0	3
Avg	3	3	3	3	2	3	3	4	5	5	5	5	5	5	5	5	5	4	4	4	4	3	3	3	4
SD	1	2	2	1	1	1	2	2	2	2	2	1	2	1	1	2	1	1	1	1	2	1	2	2	1
S/A	0.53	0.61	0.59	0.57	0.6	0.59	0.46	0.38	0.36	0.32	0.31	0.3	0.29	0.27	0.29	0.29	0.24	0.28	0.34	0.42	0.42	0.45	0.49	0.47	0.27
Min	0	0	0	0	0	0	0	1	1	1	2	2	2	2	3	2	2	2	2	1	0	0	0	0	3
Max	6	7	6	5	5	6	6	7	8	7	8	8	9	8	8	8	8	8	7	6	7	6	7	6	6

Data Recovery: 0% missing; 0% failed QC -- 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: 6/1/1995

Station Pressure
Hourly and Daily Averages
Millibars
Elizabeth City State Univ. - June 2000

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

Data Recovery: 0% missing; 0% failed QC -- 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: 6/1/1995