

Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Univ. - May 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	0	32	180	390	593	762	875	946	892	822	665	489	333	159	35	0	0	0	0	0	7173						
2	0	0	0	0	0	10	123	178	293	540	704	400	161	213	268	209	25	30	10	0	0	0	0	0	3164						
3	0	0	0	0	0	34	184	430	618	803	929	998	1002	939	813	635	427	203	35	0	0	0	0	0	8051						
4	0	0	0	0	0	39	199	410	624	799	922	986	985	924	800	627	421	201	34	0	0	0	0	0	7972						
5	0	0	0	0	0	36	183	394	595	761	884	944	934	863	745	570	331	188	31	0	0	0	0	0	7458						
6	0	0	0	0	0	31	167	364	560	723	846	908	906	844	722	557	365	173	27	0	0	0	0	0	7194						
7	0	0	0	0	0	33	169	359	560	730	854	919	926	860	738	570	378	179	32	0	0	0	0	0	7306						
8	0	0	0	0	0	38	193	399	608	777	900	966	965	895	774	607	408	193	35	0	0	0	0	0	7757						
9	0	0	0	0	0	39	189	391	594	760	878	939	939	801	751	578	358	169	34	0	0	0	0	0	7420						
10	0	0	0	0	0	37	179	384	590	757	879	927	802	788	526	459	361	148	30	0	0	0	0	0	6866						
11	0	0	0	0	0	38	191	412	624	789	915	966	912	899	776	587	393	186	43	0	0	0	0	0	7731						
12	0	0	0	0	0	41	190	371	579	751	861	922	795	603	484	442	291	112	28	0	0	0	0	0	6470						
13	0	0	0	0	0	38	181	382	576	748	863	927	920	860	743	579	384	184	32	0	0	0	0	0	7419						
14	0	0	0	0	0	48	171	283	501	549	689	749	789	743	697	566	401	235	37	0	0	0	0	0	6458						
15	0	0	0	0	0	42	207	427	592	740	810	917	980	917	717	578	415	212	45	0	0	0	0	0	7600						
16	0	0	0	0	0	35	170	401	606	777	886	992	956	819	626	344	409	183	52	0	0	0	0	0	7255						
17	0	0	0	0	0	12	44	136	209	534	828	915	918	726	537	555	360	199	29	0	0	0	0	0	6002						
18	0	0	0	0	0	38	63	340	541	688	839	928	829	742	636	376	386	159	35	0	0	0	0	0	6600						
19	0	0	0	0	0	51	189	343	596	736	818	849	841	740	616	402	269	105	24	0	0	0	0	0	6579						
20	0	0	0	0	0	20	86	231	425	412	542	671	856	757	734	372	185	40	47	0	0	0	0	0	5379						
21	0	0	0	0	0	13	53	112	148	255	183	275	199	160	139	95	88	80	23	0	0	0	0	0	1824						
22	0	0	0	0	0	9	33	132	241	216	161	129	600	607	594	306	5	13	13	0	?	0	0	0	3059						
23	0	0	0	0	0	15	43	139	303	388	460	531	630	589	501	571	244	61	20	0	0	0	0	0	4497						
24	0	0	0	0	0	57	223	425	620	782	897	960	967	898	785	477	404	209	53	0	0	0	0	0	7758						
25	0	0	0	0	1	44	169	349	453	551	593	451	225	278	437	507	233	61	32	0	0	0	0	0	4382						
26	0	0	0	0	0	62	234	449	645	794	923	984	973	908	758	605	364	153	80	0	0	0	0	0	7934						
27	0	0	0	0	1	64	232	347	440	483	401	199	773	787	612	345	155	5	?	27	2	0	0	0	4875						
28	0	0	0	0	0	11	55	168	172	275	381	591	556	361	89	38	32	19	15	0	0	0	0	0	2764						
29	0	0	0	0	0	5	41	74	124	196	427	395	687	240	63	15	12	12	3	0	0	0	0	0	2296						
30	0	0	0	0	0	12	35	67	153	275	382	405	553	528	409	239	135	44	13	0	0	0	0	0	3251						
31	0	0	0	0	0	13	46	87	188	438	?	677	?	728	?	774	?	614	?	812	?	532	201	154	55	0	0	0	0	0	8051
Avg	0	0	0	0	0	32	143	302	464	606	716	755	782	701	599	446	283	131	33	0	0	0	0	0	0	5994					
S D	0	0	0	0	0	16	67	124	177	201	228	265	229	226	210	172	136	71	15	0	0	0	0	0	0	1888					
S/A	0	0	0	0	1.71	0.5	0.47	0.41	0.38	0.33	0.32	0.35	0.29	0.32	0.35	0.39	0.48	0.54	0.46	2.31	0	0	0	0	0	0.32					
Min	0	0	0	0	0	5	33	67	124	196	161	129	161	160	63	15	5	3	0	0	0	0	0	0	0	1824					
Max	0	0	0	0	1	64	234	449	645	803	929	998	1002	939	813	635	427	235	80	2	0	0	0	0	0	8051					

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 5237 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. - May 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	0	132	492	664	748	786	763	759	587	514	388	333	310	167	42	0	0	0	0	0	6686
2	0	0	0	0	0	1	79	66	45	151	250	69	2	4	8	17	1	2	6	0	0	0	0	0	701
3	0	0	0	0	0	166	554	712 ?	794	856	880	895	899	893	870	827	752	595	206	0	0	0	0	0	9899
4	0	0	0	0	0	150	547	713	791	835	859	867	865	855	838	800	718	547	161	0	0	0	0	0	9547
5	0	0	0	0	0	104	441	627	707	747	778	779	752	718	696	603	335	348	105	0	0	0	0	0	7740
6	0	0	0	0	0	64	310	490	554	613	652	663	667	650	610	565	483	341	72	0	0	0	0	0	6734
7	0	0	0	0	0	65	292	448	556	621	664	688	699	686	658	619	546	408	137	0	0	0	0	0	7088
8	0	0	0	0	0	143	486	647	739	793	820	831	823	799	772	727	652	487	150	0	0	0	0	0	8869
9	0	0	0	0	0	116	424	580	673	722	742	754	753	620	699	597	434	278	79	0	0	0	0	0	7470
10	0	0	0	0	0	81	345	548	652	717	753	725	453	415	195	247	373	194	36	0	0	0	0	0	5734
11	0	0	0	0	0	122	445	641	756	786	817	801	704	797	758	600	505	353	142	0	0	0	0	0	8225
12	0	0	0	0	0	79	379	453	580	653	649	681	447	192	109	214	120	24	1	0	0	0	0	0	4581
13	0	0	0	0	0	70	337	503	602	681	713	729	706	676	655	605	509	350	94	0	0	0	0	0	7230
14	0	0	0	0	0	24	104	134	271	170	211	240	330	349	430	446	391	322	26	0	0	0	0	0	3450
15	0	0	0	0	0	115	460	612	539	535	341	590	786	741	552	559	576	437	144	0	0	0	0	0	6989
16	0	0	0	0	0	47	291	509	671	740	744	727	620	520	384	133	524	312	102	0	0	0	0	0	6323
17	0	0	0	0	0	1	0	16	6	164	474	552	562	373	246	469	356	205	44	0	0	0	0	0	3467
18	0	0	0	0	0	21	1	320	339	457	585	629	358	334	324	68	337	111	7	0	0	0	0	0	3891
19	0	0	0	0	0	41	141	380	598	585	510	483	460	335	342	97	79	5	2	0	0	0	0	0	4057
20	0	0	0	0	0	1	1	12	75	20	77	224	572	469	511	203	97	1	3	0	0	0	0	0	2269
21	0	0	0	0	0	0	1	2	2	6	2	6	3	1	1	0	1	0	0	0	0	0	0	0	25
22	0	0	0	0	0	0	0	2	6	3	4	3	82	94	212	116	1	3	2	0	0	0	0	0	527
23	0	0	0	0	0	1	1	1	4	17	34	49	54	77	50	262	73	1	2	0	0	0	0	0	626
24	0	0	0	0	0	213	516	655	728	766	793	805	784	765	735	316	474	378	175	0	0	0	0	0	8103
25	0	0	0	0	0	14	60	232	189	184	106	76	29 ?	37	40	361	43	1	1	0	0	0	0	0	1374
26	0	0	0	0	0	215	570	729	808	841	850	858	851	833	737	666	402	112	198	0	0	0	0	0	8671
27	0	0	0	0	1	162	535	248	94	31	15	4	307	367	304	92	21	0	35	1	0	0	0	0	2218
28	0	0	0	0	0	1	1	2	2	13	18	55	26	5	0	0	1	1	1	0	0	0	0	0	126
29	0	0	0	0	0	1	1	1	1	1	7	4	83	1	0	1	0	0	0	0	0	0	0	0	101
30	0	0	0	0	0	0	0	0	1	1	4	9	22	11	6	0	0	0	1	0	0	0	0	0	57
31	0	0	0	0	0	1	1	0	1	17 ?	80 ?	61 ?	78 ?	84 ?	801	484	14	118	115	0	0	0	0	0	1854
Avg	0	0	0	0	0	69	252	353	404	436	458	471	463	426	417	356	294	197	67	0	0	0	0	0	4666
S D	0	0	0	0	0	67	217	274	315	333	333	336	308	303	295	260	243	188	68	0	0	0	0	0	3236
S/A	0	0	0	0	2.79	0.97	0.86	0.78	0.78	0.76	0.73	0.71	0.66	0.71	0.71	0.73	0.82	0.96	1	1.52	0	0	0	0	0.69
Min	0	0	0	0	0	0	0	0	1	1	2	3	2	1	0	0	0	0	0	0	0	0	0	0	25
Max	0	0	0	0	1	215	570	729	808	856	880	895	899	893	870	827	752	595	206	1	0	0	0	0	9899

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 5237 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. - May 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	0	20	59	84	102	121	153	179	279	312	321	249	175	111	31	0	0	0	0	0	2198
2	0	0	0	0	0	9	95	141	241	397	446	312	140	184	248	189	22	26	10	0	0	0	0	0	2459
3	0	0	0	0	0	16	52	78	86	88	91	90	88	84	79	72	60	46	16	0	0	0	0	0	945
4	0	0	0	0	0	23	56	72	85	92	97	99	98	98	88	77	67	52	18	0	0	0	0	0	1022
5	0	0	0	0	0	19	66	93	112	131	138	149	164	170	154	151	156	95	21	0	0	0	0	0	1619
6	0	0	0	0	0	24	86	135	186	211	224	235	228	219	205	172	130	81	20	0	0	0	0	0	2155
7	0	0	0	0	0	25	93	149	186	210	222	221	212	200	180	146	110	68	19	0	0	0	0	0	2041
8	0	0	0	0	0	21	63	88	101	108	112	116	120	121	114	102	82	58	19	0	0	0	0	0	1226
9	0	0	0	0	0	27	75	109	130	148	162	165	164	173	150	159	140	88	25	0	0	0	0	0	1714
10	0	0	0	0	0	26	84	115	137	145	150	175	322	382	339	276	171	84	27	0	0	0	0	0	2434
11	0	0	0	0	0	24	71	94	99	116	121	133	171	116	115	151	130	77	29	0	0	0	0	0	1447
12	0	0	0	0	0	30	84	145	173	188	229	225	332	410	391	292	228	97	24	0	0	0	0	0	2847
13	0	0	0	0	0	28	87	131	158	170	180	184	200	206	184	157	127	81	22	0	0	0	0	0	1914
14	0	0	0	0	0	45	130	207	294	386	464	477	425	377	310	233	194	134	33	0	0	0	0	0	3708
15	0	0	0	0	0	26	77	118	201	268	441	295	173	193	228	183	121	81	28	0	0	0	0	0	2430
16	0	0	0	0	0	28	96	140	142	149	165	248	328	313	285	237	138	89	39	0	0	0	0	0	2395
17	0	0	0	0	0	11	38	118	178	373	359	346	339	362	323	221	170	137	22	0	0	0	0	0	2997
18	0	0	0	0	0	33	54	170	299	282	262	274	446	402	339	326	201	122	32	0	0	0	0	0	3240
19	0	0	0	0	0	45	151	141	174	225	308	335	351	401	300	325	223	93	21	0	0	0	0	0	3094
20	0	0	0	0	0	17	73	197	344	367	444	398	261	285	293	220	118	35	31	0	0	0	0	0	3085
21	0	0	0	0	0	11	45	97	127	219	158	237	171	138	120	82	77	70	21	0	0	0	0	0	1573
22	0	0	0	0	0	8	28	114	213	188	143	111	488	489	400	212	4	11	10	0	0	0	0	0	2421
23	0	0	0	0	0	13	38	120	268	342	409	462	549	477	421	350	187	53	17	0	0	0	0	0	3708
24	0	0	0	0	0	29	71	92	112	128	132	136	165	155	150	238	154	92	33	0	0	0	0	0	1688
25	0	0	0	0	0	40	150	219	314	371	484	357	182	236	381	236	196	54	28	0	0	0	0	0	3249
26	0	0	0	0	0	33	63	73	79	86	95	99	102	109	121	124	140	121	57	0	0	0	0	0	1305
27	0	0	0	0	1	32	72	225	366	436	357	174	442	422	342	261	134	5 ?	21	2	0	0	0	0	3291
28	0	0	0	0	0	9	48	145	150	248	336	497	492	313	81	32	28	17	13	0	0	0	0	0	2411
29	0	0	0	0	0	5	36	65	108	170	390	356	547	211	55	13	10	10	3	0	0	0	0	0	1979
30	0	0	0	0	0	11	30	58	132	237	338	360	496	485	362	206	116	38	11	0	0	0	0	0	2879
31	0	0	0	0	0	11	40	75	162	391 ?	566 ?	615 ?	644 ?	486 ?	93	152	179	111	33	0	0	0	0	0	3559
Avg	0	0	0	0	0	23	71	123	176	225	264	260	294	275	231	188	129	72	24	0	0	0	0	0	2356
S/D	0	0	0	0	0	10	31	44	79	106	138	132	155	129	113	83	60	36	10	0	0	0	0	0	785
S/A	0	0	0	0	1.63	0.46	0.43	0.36	0.45	0.47	0.52	0.51	0.53	0.47	0.49	0.44	0.47	0.5	0.43	2.04	0	0	0	0	0.33
Min	0	0	0	0	0	5	28	58	79	86	91	90	88	84	55	13	4	5	3	0	0	0	0	0	945
Max	0	0	0	0	1	45	151	225	366	436	566	615	644	489	421	350	228	137	57	2	0	0	0	0	3708

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 5237 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. - May 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	12	11	11	11	11	12	14	17	19	20	22	23	24	25	25	25	25	24	22	21	20	19	19	18	19
2	18	18	18	18	18	18	18	19	19	20	21	22	21	21	21	22	18	17	17	17	16	16	15	15	18
3	14	13	13	13	12	12	14	15	17	19	20	20	20	21	21	20	19	18	16	15	14	13	13	13	16
4	13	14	13	12	13	14	15	17	19	20	20	21	22	22	22	22	21	20	19	18	18	17	17	16	18
5	15	15	15	14	14	15	16	18	20	21	23	24	25	26	27	27	27	26	25	23	21	20	20	19	21
6	19	18	17	17	17	16	17	20	22	24	26	28	30	30	30	30	30	29	28	26	25	23	22	22	24
7	21	21	20	19	19	19	19	21	24	26	28	30	30	31	31	31	31	30	29	27	25	24	23	22	25
8	21	21	20	20	19	19	20	22	24	26	27	28	29	30	31	31	31	30	28	26	24	23	22	21	25
9	20	20	19	19	18	19	20	21	23	24	26	27	28	29	29	30	29	28	26	24	23	22	22	22	24
10	21	21	21	21	20	21	21	22	24	26	27	28	29	30	30	29	29	29	27	26	24	23	22	19	25
11	18	17	16	15	14	13	15	18	20	21	22	23	24	25	25	25	25	24	22	20	20	19	19	20	20
12	18	18	18	17	17	17	18	20	23	24	26	28	29	30	30	30	30	30	29	27	26	25	24	24	24
13	23	23	23	23	22	22	23	25	26	28	30	31	32	33	33	34	34	33	31	30	28	28	27	26	28
14	24	22	21	20	20	19	20	21	22	23	24	24	25	25	26	26	24	23	21	20	20	19	19	18	22
15	17	17	16	17	18	17	18	18	18	19	19	19	19	19	20	20	19	18	17	16	15	15	15	14	17
16	14	14	13	12	11	12	14	17	19	20	21	21	21	21	22	21	20	20	19	18	17	17	16	16	17
17	17	17	18	18	18	19	18	18	19	20	22	23	24	24	25	25	25	25	24	22	21	21	20	20	21
18	20	20	20	20	20	20	20	21	23	24	25	26	27	28	28	27	27	26	25	24	23	23	22	22	23
19	21	21	21	21	21	21	22	22	24	25	27	28	29	30	30	30	31	30	29	27	25	23	23	22	25
20	21	19	20	20	20	20	21	22	24	25	26	27	28	30	31	27	24	21	20	19	18	18	18	18	22
21	18	18	17	17	17	17	16	17	17	18	19	19	20	20	19	19	19	19	18	17	17	17	17	17	18
22	18	18	17	17	17	17	17	18	20	21	21	20	21	23	24	25	21	19	19	18	18	18	17	17	19
23	17	17	17	16	16	16	16	17	18	19	19	20	21	22	22	22	23	22	22	22	22	22	22	22	20
24	22	22	22	22	21	22	22	24	25	26	27	28	29	29	30	30	30	30	29	27	26	25	25	25	26
25	24	24	24	23	23	23	24	25	26	27	29	29	26	24	21	23	24	23	23	21	21	21	21	21	24
26	21	20	20	19	19	18	20	21	23	24	25	26	27	27	26	26	25	24	24	22	21	20	20	20	22
27	19	18	18	17	17	18	21	23	24	25	25	25	26	28	28	27	27	24	21	21	21	21	21	20	22
28	20	20	20	19	17	17	17	18	18	19	19	20	21	21	21	19	18	18	18	17	17	18	18	18	19
29	16	16	16	16	16	16	16	15	15	16	15	15	16	14	13	12	12	12	12	12	12	12	13	13	14
30	13	13	13	14	14	14	14	14	14	14	15	15	15	16	16	15	15	14	13	13	13	13	13	13	14
31	13	13	13	13	13	14	14	14	15	16	18	19	20	20	21	21	21	20	19	18	17	17	16	15	17

Avg	18	18	18	17	17	17	18	19	21	22	23	24	24	25	25	25	24	24	22	21	20	20	19	19	21
S/D	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	5	5	4	4	4	4	3	3
S/A	0.18	0.17	0.18	0.18	0.18	0.18	0.16	0.15	0.16	0.16	0.17	0.18	0.18	0.19	0.2	0.2	0.21	0.22	0.22	0.21	0.2	0.19	0.18	0.18	0.17
Min	12	11	11	11	11	12	14	14	14	14	15	15	15	14	13	12	12	12	12	12	12	12	13	13	14
Max	24	24	24	23	23	23	24	25	26	28	30	31	32	33	33	34	34	33	31	30	28	28	27	26	28

Data Recovery: 0% missing; 0% failed QC -- 8928 total 5-minute measurements.

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

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

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

Instrument: HMP
Calibration Constant: 1.00 deg C/mV
Serial Number: P0520031 T
Calibration Date: 6/1/1995

Relative Humidity
Hourly and Daily Averages
Percent
Elizabeth City State Univ. - May 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	78	81	84	86	84	77	69	62	61	64	57	51	45	41	39	38	41	51	57	56	60	68	72	76	62
2	79	79	79	78	77	77	77	79	80	78	73	73	81	80	77	79	92	100 ?	99	98	99	100	99 ?	98	84
3	98	99	99	98	98	99	93	89	78	57	50	46	41	38	41	48	56	64	74	84	90	94	96	96	76
4	98	96	98	99 ?	97	96	91	85	77	66	63	60	58	55	52	55	58	67	74	81	83	85	88	92	78
5	96	97	99	100 ?	100	99	93	84	77	70	63	60	57	54	47	48	48	53	57	64	73	78	80	76	74
6	74	78	82	83	82	83	80	73	67	63	60	54	50	46	49	48	47	47	55	61	65	77	81	79	66
7	77	78	80	81	82	83	81	74	69	64	57	52	45	44	44	43	42	44	50	60	69	73	71	73	64
8	75	75	76	78	78	78	74	68	62	57	53	48	45	43	41	38	37	43	49	67	77	73	70	78	62
9	83	81	80	82	86	88	83	73	65	59	57	56	54	51	49	48	49	58	70	73	72	73	78	80	69
10	84	90	92	93	93	93	90	85	78	69	61	54	49	47	47	50	52	54	68	76	79	83	79	81	73
11	69	62	66	74	81	86	77	67	57	51	46	40	38	36	42	42	39	40	48	60	74	77	80	77	59
12	77	80	85	89	94	96	95	91	79	70	65	59	58	58	59	60	60	62	68	76	81	87	93	95	77
13	96	97	96	95	96	95	90	83	76	69	63	59	57	54	51	50	49	52	60	65	68	68	71	69	72
14	72	59	58	61	66	67	64	63	60	54	50	45	37	33	32	41	49	52	54	58	62	73	78	83	57
15	87	87	89	82	70	68	59	48	45	47	47	43	42	40	36	38	42	44	49	55	65	62	64	66	57
16	64	74	82	91	95	94	86	70	50	41	38	37	38	38	38	42	43	46	45	49	57	61	68	76	59
17	79	80	81	85	85	84	88	91	84	77	70	64	62	59	58	55	54	57	62	73	74	78	82	81	73
18	81	80	84	87	86	84	83	80	73	70	64	59	55	55	58	59	61	63	65	66	71	74	79	82	72
19	83	83	83	82	82	82	82	80	74	70	65	60	56	54	54	54	53	54	58	68	81	86	89	93	72
20	95	95	95	95	97	98	97	94	85	81	79	75	69	62	60	73	91	99	98 ?	?	?	?	?	?	68 ?
21	?	?	?	?	?	?	?	?	?	?	99 ?	99	98	96	96	97	98	96	98	99	?	?	?	?	45 ?
22	?	?	?	?	?	?	?	?	?	?	98	95	91	83	83	82	78	96	99 ?	100 ?	?	99	99	99	54 ?
23	99	99	100 ?	?	?	?	?	100 ?	96	92	89	85	85	85	89	88	87	93	96	96	98	99	94	89	77 ?
24	86	92	96	96	93	89	83	78	74	69	64	57	55	52	54	56	60	65	73	79	83	84	83	74	
25	87	88	89	91	91	91	90	86	79	75	69	64	79	81	92	80	76	80	85	96	98	99	99	99	86
26	99	99	97	98	97	96	84	72	57	46	44	42	39	40	47	48	52	56	59	66	71	76	82	81	69
27	83	89	92	95	99	99	92	89	84	78	67	71	68	62	67	70	74	85	99	100 ?	?	?	?	?	69 ?
28	?	?	?	?	?	?	?	98	95	90	85	80	79	79	82	95	98	99 ?	?	?	?	?	?	?	41 ?
29	?	?	?	?	?	100 ?	99	97	94	94	94	97	88	93	98	100 ?	?	?	?	?	100	99	97	95	60 ?
30	97	95	93	93	92	91	92	90	89	89	85	85	85	83	83	86	88	92	98	99	?	?	?	?	75 ?
31	?	?	?	?	?	?	?	100 ?	97	91	83	80	76	75	74	74	77	80	85	91	97	98	100	?	57 ?
Avg	84	85	87	88	88	88	84	81	75	71	66	63	60	59	59	61	62	66	70	75	78	82	84	84	67
S D	10	11	10	9	9	9	10	12	13	15	16	17	17	18	19	19	20	20	18	16	13	12	11	9	10
S/A	0.12	0.13	0.12	0.1	0.1	0.11	0.12	0.15	0.18	0.22	0.24	0.26	0.28	0.31	0.32	0.31	0.32	0.3	0.26	0.21	0.16	0.15	0.13	0.11	0.15
Min	64	59	58	61	66	67	59	48	45	41	38	37	37	33	32	38	37	40	45	49	57	61	64	66	41
Max	99	99	100	100	100	100	99	100	97	99	99	98	96	96	98	100	98	100	99	100	100	100	100	99	86

Data Recovery: 0% missing; 11% failed QC -- 8928 total 5-minute measurements.

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

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

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

Instrument: HMP
Calibration Constant: 1.00 %/mV
Serial Number: P0520031 H
Calibration Date: 6/1/1995

Temperature (CR10)
Hourly and Daily Averages
Degrees Celsius
Elizabeth City State Univ. - May 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	10	9	8	8	8	9	12	17	20	22	24	26	26	27	27	27	27	26	23	21	20	19	18	18	19
2	17	17	17	17	17	17	18	19	20	21	23	24	22	22	22	23	20	18	17	17	16	15	14	13	19
3	12	12	12	11	11	10	12	16	19	21	22	23	23	23	23	23	22	21	18	15	13	12	12	11	17
4	11	11	11	11	11	11	14	17	20	22	24	24	24	24	25	25	24	23	21	18	17	16	15	15	18
5	14	14	13	13	13	13	15	18	21	23	25	27	28	28	29	30	29	28	26	24	22	20	19	18	21
6	18	17	17	16	16	16	17	20	24	27	30	31	33	33	34	33	33	32	29	26	24	23	22	21	25
7	21	20	19	19	18	18	19	22	25	28	31	32	33	33	34	34	34	32	30	27	25	23	22	21	26
8	21	20	19	19	18	18	20	22	25	27	29	30	31	31	32	33	32	32	30	27	24	23	22	21	25
9	20	19	18	18	18	18	19	22	24	26	28	29	29	30	31	31	31	30	28	25	24	22	22	21	24
10	21	21	20	20	20	20	21	23	25	27	29	30	31	31	32	31	31	30	28	26	25	24	22	20	25
11	18	16	14	12	11	11	13	17	21	23	25	26	27	28	28	28	28	27	25	22	20	19	18	18	21
12	17	17	17	17	16	16	18	21	24	26	28	30	31	31	32	32	32	31	29	27	26	25	24	23	25
13	23	22	22	22	22	21	23	25	28	30	33	34	35	35	36	36	36	35	33	30	28	27	26	26	29
14	24	22	21	20	19	18	19	22	23	25	26	28	29	29	29	30	28	26	23	21	19	18	17	16	23
15	15	14	14	15	16	16	17	19	20	21	22	22	21	22	23	23	22	21	19	16	15	13	13	12	18
16	11	11	11	10	9	9	12	16	20	24	25	25	25	25	25	24	23	22	20	18	17	16	15	14	18
17	15	15	16	17	17	17	18	18	19	21	23	25	25	26	27	27	27	26	25	23	21	21	20	20	21
18	20	19	19	19	19	19	20	21	24	26	27	28	29	30	30	29	29	28	26	24	23	22	22	21	24
19	21	21	21	20	20	20	21	23	25	27	29	30	31	32	33	32	32	32	30	28	26	23	22	22	26
20	21	20	19	19	19	19	20	21	25	27	28	30	31	33	34	33	29	23	21	20	19	18	18	18	24
21	18	18	17	17	17	17	16	17	17	19	20	21	21	22	21	20	20	20	19	18	17	17	17	17	18
22	17	17	17	17	17	17	17	18	19	21	22	21	22	25	26	27	23	20	19	18	18	18	17	17	20
23	17	17	17	16	16	16	16	17	19	20	21	22	23	24	24	25	25	23	22	22	21	21	21	21	20
24	21	21	21	21	21	21	23	25	26	28	30	31	31	31	32	32	32	32	30	28	26	25	24	24	27
25	23	23	23	23	22	22	23	25	27	28	31	31	28	26	23	25	26	25	23	22	20	20	20	20	24
26	20	19	19	18	18	17	19	22	25	27	28	29	30	29	30	30	29	27	25	22	20	19	18	18	23
27	18	17	16	15	15	16	19	23	25	26	28	26	27	30	30	30	29	27	22	21	21	21	21	20	23
28	20	20	20	20	18	17	17	18	19	20	21	23	24	24	23	20	18	17	17	17	17	17	17	17	19
29	17	16	16	16	16	16	16	16	16	16	16	15	16	16	14	12	12	12	12	12	12	11	12	12	14
30	12	12	13	13	13	14	14	14	14	15	16	17	17	18	18	17	16	15	14	13	13	13	13	13	14
31	13	13	13	13	13	13	14	14	15	17	20	22	23	24	25	25	24	23	21	19	17	16	15	15	18
Avg	18	17	17	17	16	16	18	20	22	24	25	26	27	27	27	27	27	25	24	22	20	19	19	18	22
S/D	4	4	4	4	4	3	3	3	4	4	4	5	4	5	5	5	5	6	5	5	4	4	4	4	4
S/A	0.22	0.21	0.21	0.21	0.22	0.21	0.18	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.19	0.19	0.2	0.22	0.22	0.21	0.21	0.21	0.2	0.17	
Min	10	9	8	8	8	9	12	14	14	15	16	15	16	16	14	12	12	12	12	12	12	11	12	11	14
Max	24	23	23	23	22	22	23	25	28	30	33	34	35	35	36	36	36	35	33	30	28	27	26	26	29

Data Recovery: 0% missing; 0% failed QC -- 8928 total 5-minute measurements.

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

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

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

Instrument: CSIT
Calibration Constant: 1.00 deg C/mV
Serial Number: 0
Calibration Date: 6/1/1995

Wind Speed
Hourly and Daily Averages
Meters/Second
Elizabeth City State Univ. - May 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	1	1	1	1	1	2	1	2	3	4	4	4	5	5	5	5	4	4	5	5	5	5	5	5	3
2	5	5	5	4	5	6	6	6	5	5	6	4	3	3	3	3	3	2	2	1	1	1	1	0	4
3	0	1	1	0	1	1	1	2	3	4	4	4	4	4	4	4	4	4	3	2	2	1	1	1	2
4	1	2	1	2	2	1	2	2	3	4	4	4	4	4	4	5	5	4	3	2	2	2	2	1	3
5	2	2	1	1	2	3	3	4	5	4	4	3	3	3	3	3	3	3	2	2	2	2	2	2	3
6	3	2	2	2	2	2	3	2	3	2	2	2	2	3	3	3	3	2	2	1	2	2	2	2	2
7	2	2	2	1	1	2	2	2	2	2	2	3	4	3	3	3	3	3	2	2	2	3	3	3	2
8	3	3	2	3	3	2	3	4	4	4	4	5	5	4	5	5	5	3	2	3	3	4	3	4	4
9	3	3	3	3	3	3	3	4	4	4	5	5	5	5	6	6	5	4	4	4	4	4	4	4	4
10	4	5	5	4	4	3	4	4	5	5	6	6	7	7	7	6	5	5	4	4	3	3	3	4	5
11	2	2	1	0	1	1	0	2	2	3	3	2	2	1	3	3	2	2	1	2	2	2	2	2	2
12	2	2	2	2	1	2	3	3	4	5	5	5	4	4	4	4	4	3	2	2	2	2	2	2	3
13	2	2	2	2	2	2	3	3	4	3	2	2	3	3	4	4	4	3	2	1	2	1	1	3	3
14	5	4	3	3	1	1	2	2	3	3	2	2	2	2	2	2	3	4	3	2	1	1	1	0	2
15	0	0	0	3	3	3	4	5	6	5	5	4	4	3	3	3	3	3	3	2	1	1	1	1	3
16	1	1	1	0	1	1	0	1	1	1	2	3	3	3	2	3	6	5	4	2	2	1	1	1	2
17	1	1	1	1	1	1	2	3	3	4	5	6	5	5	4	4	4	3	2	3	3	3	3	3	3
18	3	3	3	3	3	3	3	3	5	5	5	5	6	5	5	5	5	4	5	5	5	5	5	5	4
19	5	5	5	5	4	4	5	5	5	4	4	4	4	3	3	3	2	1	1	2	3	1	0	0	3
20	3	3	3	3	3	3	3	2	2	2	2	1	1	1	1	3	4	4	4	5	4	4	3	2	3
21	2	3	2	1	1	2	2	1	2	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2
22	2	1	1	2	2	3	2	0	2	4	4	1	1	3	3	2	2	1	2	2	3	2	1	1	2
23	0	1	2	2	2	1	1	1	2	3	3	3	3	3	3	3	3	3	3	2	3	2	4	3	2
24	3	3	3	3	4	4	4	5	5	4	3	4	4	4	4	4	3	2	1	1	1	2	2	2	3
25	2	2	2	2	3	3	3	3	4	4	4	4	1	4	3	2	1	1	1	1	0	0	1	1	2
26	1	1	1	1	2	1	2	2	2	3	2	2	1	2	3	3	3	2	2	2	1	1	1	1	2
27	1	0	0	0	0	0	1	2	2	2	3	2	2	4	4	4	3	2	2	2	2	2	2	1	2
28	2	1	1	2	2	2	1	2	2	2	2	2	3	3	2	3	4	3	2	2	2	2	3	3	2
29	4	4	2	3	3	4	4	5	6	6	7	7	8	8	7	7	6	7	7	7	7	7	6	5	6
30	6	6	5	5	6	6	6	6	6	6	7	6	7	7	6	6	5	5	5	4	4	3	3	3	5
31	3	3	2	2	2	3	4	3	3	3	3	3	3	2	2	2	2	2	1	0	0	0	1	1	2

Avg	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	3	3	2	2	2	2	2	3
SD	1	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
S/A	0.62	0.63	0.65	0.61	0.58	0.57	0.56	0.47	0.4	0.37	0.41	0.44	0.52	0.43	0.4	0.36	0.37	0.41	0.5	0.59	0.58	0.6	0.6	0.68	0.36
Min	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	0	0	0	0	0	2
Max	6	6	5	5	6	6	6	6	6	6	7	7	8	8	7	7	6	7	7	7	7	7	6	5	6

Data Recovery: 0% missing; 0% failed QC -- 8928 total 5-minute measurements.

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

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

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

Instrument: NRG
Calibration Constant: 0.76 m/s/mV
Serial Number: 0 WS
Calibration Date: 6/1/1995

Wind Direction
Hourly and Daily Averages
Degrees
Elizabeth City State Univ. - May 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	311	318	304	295	308	276	271	290	320	323	340	348	359	348	357	353	349	324	322	336	332	342	351	352	338
2	356	355	359	349	1	8	1	7	18	17	34	36	41	55	34	33	173	196	201	191	155	176	152	178	15
3	197	178	163	136	148	160	202	204	219	219	204	202	211	201	205	198	207	206	203	216	194	195	208	226	204
4	246	222	196	214	232	220	230	232	255	253	264	231	237	246	229	259	256	262	258	267	295	293	299	342	250
5	3	357	357	13	12	20	22	25	30	29	26	45	41	6	8	353	10	359	355	333	335	343	347	353	12
6	14	7	21	26	15	24	18	31	51	53	30	26	21	353	1	339	343	346	313	338	336	349	4	11	
7	9	18	12	8	8	11	24	25	28	45	24	29	19	23	357	353	347	346	328	326	331	345	335	9	6
8	7	13	5	3	13	19	17	25	30	23	15	19	359	355	360	1	354	352	354	324	340	339	342	340	2
9	336	333	345	354	351	342	12	14	359	5	359	339	5	4	6	11	359	351	321	333	328	329	343	343	352
10	341	348	344	347	339	354	352	352	6	4	352	350	7	356	5	1	357	352	342	355	340	355	161	140	356
11	145	118	101	97	75	76	97	131	154	108	108	132	70	12	335	352	357	335	329	323	331	337	357	342	35
12	348	15	352	357	359	10	1	18	16	13	350	5	350	3	357	336	350	359	330	347	304	318	318	323	354
13	328	340	355	352	343	354	7	33	25	37	29	1	20	25	5	20	21	347	349	358	0	16	75	127	13
14	148	127	140	136	121	114	131	154	159	163	152	158	137	144	180	223	255	255	247	254	263	304	308	315	170
15	270	302	126	135	160	160	167	173	193	190	186	177	180	192	186	170	214	218	219	227	250	258	269	280	189
16	259	187	180	121	116	133	155	199	244	98	181	227	276	270	275	291	271	268	274	276	271	272	264	283	261
17	289	295	317	353	331	345	4	4	357	15	8	10	6	352	7	354	4	343	333	339	332	333	320	327	352
18	336	324	336	333	344	314	342	338	346	342	346	339	353	342	321	323	329	347	325	341	340	347	350	359	339
19	358	349	11	11	7	358	1	3	27	32	28	20	30	1	4	12	5	359	350	310	204	231	272	241	7
20	151	205	242	254	253	256	268	285	346	17	23	36	332	66	228	177	186	200	197	197	197	183	169	172	211
21	199	149	197	160	159	126	144	151	153	182	175	189	170	173	179	192	211	212	208	198	227	213	200	243	187
22	244	206	171	194	201	202	213	259	359	9	21	66	29	43	34	97	121	263	221	189	215	190	200	134	177
23	181	186	186	197	197	224	243	241	240	266	259	283	291	281	259	257	249	264	282	308	307	329	338	326	271
24	320	339	346	16	19	27	33	30	48	56	54	48	29	40	40	33	31	7	354	324	320	346	354	356	22
25	348	348	346	5	16	14	17	42	45	49	59	76	71	85	111	115	282	295	289	295	288	124	344	7	36
26	3	8	40	93	97	106	138	153	154	168	184	154	102	9	313	308	266	237	236	247	278	290	296	306	219
27	356	31	334	296	284	340	347	335	327	353	20	20	359	359	338	333	328	118	286	343	188	181	134	73	346
28	61	97	103	158	178	176	180	180	208	223	214	230	240	247	252	258	236	241	220	205	219	208	189	168	210
29	159	184	174	139	150	146	138	150	138	143	147	154	152	149	138	159	151	143	140	155	153	153	148	153	150
30	157	160	152	156	163	147	165	156	155	171	162	155	145	168	159	144	157	155	140	133	132	141	139	130	153
31	133	147	136	140	138	156	147	155	155	170	174	155	183	201	190	203	181	176	209	248	46	250	269	289	166
Avg	0	4	6	24	23	30	28	36	32	33	32	30	16	5	351	344	310	288	273	292	288	309	330	350	349

Data Recovery: 0% missing; 0% failed QC -- 8928 total 5-minute measurements.

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

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

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

Instrument: NRGV
Calibration Constant: 0.14 deg/mV
Serial Number: 0
Calibration Date: 6/1/1995

Peak Wind Speed
Hourly and Daily Averages
Meters/Second
Elizabeth City State Univ. - May 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	1	1	1	1	1	2	2	3	5	6	6	6	8	7	8	8	6	7	8	8	8	8	8	8	5
2	8	8	8	7	8	9	9	9	8	8	8	7	4	4	4	4	4	3	3	2	2	2	2	1	5
3	1	1	2	1	2	2	2	3	5	6	6	6	6	5	6	6	5	6	5	4	3	2	2	1	4
4	1	2	2	2	3	2	3	3	5	5	5	6	6	6	6	7	6	6	4	3	3	2	2	2	4
5	2	2	1	2	2	3	4	5	6	6	6	6	5	5	5	4	5	5	3	3	3	3	4	3	4
6	4	3	3	3	3	3	4	3	4	3	4	4	4	4	5	5	4	4	2	2	3	3	3	3	3
7	4	3	2	2	2	2	3	3	3	4	4	5	5	5	5	5	5	4	3	3	4	4	4	4	4
8	4	4	4	4	4	3	5	6	6	6	6	7	8	7	7	8	8	5	3	4	6	5	5	6	5
9	5	4	4	4	4	4	5	7	7	8	8	8	8	8	9	9	9	6	6	6	6	6	6	6	6
10	7	7	7	7	6	5	6	7	8	8	9	9	11	11	10	9	8	7	6	6	5	5	6	6	7
11	4	3	1	0	1	1	1	3	3	5	5	3	3	3	5	4	4	3	2	3	4	4	3	3	3
12	3	3	3	3	2	3	4	5	6	7	7	7	6	6	7	5	6	5	3	3	2	3	3	4	4
13	3	3	3	3	3	3	4	5	5	5	4	4	5	6	5	6	6	4	3	2	3	2	3	5	4
14	8	7	5	4	3	2	3	4	5	5	4	4	4	3	3	4	5	5	4	3	2	1	1	0	4
15	0	1	1	5	5	5	7	9	9	8	8	7	7	6	5	4	5	5	4	3	2	2	1	5	5
16	1	1	1	0	1	1	1	2	2	2	3	5	5	4	4	5	8	7	5	3	3	2	1	2	3
17	2	2	2	2	1	2	3	4	4	7	9	9	8	7	7	7	6	5	4	4	5	5	5	5	5
18	5	6	6	5	4	4	5	6	8	8	8	8	9	8	8	9	8	7	8	8	7	7	7	8	7
19	7	8	8	8	7	6	7	8	7	7	6	7	7	5	6	5	4	2	1	3	5	2	1	1	5
20	5	5	4	4	4	4	4	3	4	4	3	3	3	2	2	5	6	7	6	7	6	6	5	3	4
21	3	5	4	3	2	3	3	3	3	2	2	2	2	2	2	3	3	3	4	3	3	3	3	4	3
22	4	2	3	3	4	4	3	1	4	7	7	3	2	4	4	4	4	2	3	3	4	3	2	2	3
23	1	2	3	3	3	2	1	3	3	4	4	4	4	5	5	4	4	4	4	4	4	4	6	5	4
24	5	5	5	5	6	6	6	7	8	7	6	6	6	7	6	6	5	3	2	2	2	3	4	3	5
25	3	3	3	3	4	4	5	5	6	6	6	6	3	7	5	3	2	2	2	2	0	0	1	1	3
26	2	2	2	2	3	3	4	4	4	4	4	3	3	4	5	4	4	3	3	2	2	2	2	2	3
27	2	0	0	0	0	1	2	3	4	4	5	3	4	6	7	6	4	4	5	4	5	4	4	2	3
28	4	3	3	4	4	3	2	3	3	3	3	4	4	5	3	4	6	4	4	3	3	4	5	5	4
29	7	8	4	5	6	6	7	8	9	10	12	11	12	12	12	11	10	11	11	11	11	11	9	9	9
30	9	10	9	9	9	9	9	9	10	10	10	10	11	11	9	10	8	8	8	8	8	7	6	5	9
31	5	5	4	4	4	5	6	6	6	6	6	5	4	4	4	3	3	3	2	1	0	1	2	2	4

Avg	4	4	4	4	4	4	4	5	6	6	6	6	6	6	6	6	5	5	4	4	4	4	4	4	5
S/D	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2
S/A	0.62	0.62	0.63	0.61	0.57	0.54	0.52	0.45	0.38	0.35	0.38	0.39	0.47	0.39	0.38	0.36	0.36	0.41	0.51	0.57	0.57	0.59	0.57	0.63	0.35
Min	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	3	2	2	1	1	0	0	1	0	3
Max	9	10	9	9	9	9	9	9	10	10	12	11	12	12	12	11	10	11	11	11	11	11	9	9	9

Data Recovery: 0% missing; 0% failed QC -- 8928 total 5-minute measurements.

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

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

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

Instrument: NRG
Calibration Constant: 0.76 m/s/mV
Serial Number: 0 WSP
Calibration Date: 6/1/1995

Station Pressure
Hourly and Daily Averages
Millibars
Elizabeth City State Univ. - May 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	1019	1019	1019	1019	1019	1019	1019	1020	1020	1020	1020	1019	1018	1017	1015	1014	1014	1014	1013	1014	1014	1014	1014	1014	1014	1017
2	1013	1013	1012	1012	1012	1012	1012	1012	1013	1013	1013	1013	1014	1014	1014	1014	1015	1015	1016	1017	1018	1018	1019	1019	1019	1014
3	1019	1019	1019	1020	1020	1021	1022	1022	1023	1023	1024	1024	1024	1024	1023	1024	1023	1023	1023	1023	1024	1024	1024	1024	1024	1022
4	1024	1024	1024	1024	1023	1024	1024	1025	1025	1025	1025	1025	1024	1024	1023	1023	1023	1022	1022	1023	1023	1023	1023	1023	1023	1024
5	1023	1022	1022	1022	1022	1022	1023	1023	1023	1023	1022	1022	1021	1021	1020	1019	1019	1018	1018	1019	1019	1019	1019	1019	1019	1021
6	1019	1018	1018	1018	1018	1018	1019	1019	1019	1019	1019	1019	1018	1018	1017	1016	1016	1016	1016	1016	1016	1017	1017	1017	1017	1018
7	1016	1016	1015	1016	1016	1016	1017	1017	1017	1017	1017	1017	1016	1015	1015	1014	1014	1013	1013	1014	1014	1014	1014	1014	1014	1015
8	1014	1014	1014	1014	1014	1014	1015	1015	1014	1015	1014	1014	1013	1012	1012	1011	1011	1011	1011	1011	1011	1011	1012	1012	1011	1013
9	1011	1011	1011	1011	1011	1011	1012	1013	1012	1012	1011	1011	1010	1009	1009	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1010
10	1008	1008	1008	1008	1009	1009	1009	1009	1008	1008	1008	1007	1006	1005	1004	1004	1004	1004	1004	1004	1005	1005	1006	1008	1009	1007
11	1010	1010	1010	1011	1011	1012	1013	1013	1013	1014	1014	1014	1013	1013	1012	1012	1012	1012	1012	1012	1012	1013	1013	1012	1012	1012
12	1011	1011	1010	1010	1011	1011	1012	1012	1012	1011	1010	1010	1009	1008	1007	1006	1006	1006	1006	1006	1006	1007	1007	1007	1006	1009
13	1006	1006	1005	1006	1006	1006	1006	1007	1007	1007	1007	1007	1006	1005	1005	1004	1004	1003	1003	1004	1005	1006	1007	1008	1006	1006
14	1009	1010	1010	1011	1011	1012	1013	1014	1014	1014	1015	1015	1014	1014	1014	1013	1013	1013	1013	1013	1014	1014	1015	1015	1013	1013
15	1015	1015	1015	1016	1016	1017	1018	1018	1019	1019	1019	1019	1019	1018	1017	1017	1017	1017	1017	1017	1018	1018	1019	1018	1018	1017
16	1018	1018	1018	1019	1019	1020	1021	1021	1022	1022	1021	1021	1020	1019	1019	1018	1018	1018	1018	1018	1019	1019	1019	1019	1019	1019
17	1018	1018	1018	1018	1018	1018	1019	1020	1020	1020	1020	1019	1019	1018	1018	1017	1018	1018	1018	1019	1019	1020	1020	1021	1019	1019
18	1020	1020	1020	1020	1020	1020	1021	1022	1022	1022	1022	1021	1020	1019	1018	1018	1017	1017	1016	1016	1017	1017	1017	1016	1019	1019
19	1016	1016	1016	1015	1016	1015	1016	1016	1016	1015	1015	1014	1014	1013	1013	1013	1012	1013	1013	1013	1014	1013	1013	1013	1014	1014
20	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1013	1012	1012	1012	1011	1011	1012	1012	1012	1013	1013	1013	1013	1014	1013
21	1013	1013	1012	1012	1013	1013	1014	1014	1014	1014	1014	1014	1014	1013	1013	1013	1013	1013	1013	1013	1013	1013	1011	1011	1013	1013
22	1011	1011	1010	1009	1009	1008	1008	1008	1007	1008	1008	1008	1007	1007	1006	1006	1006	1006	1006	1007	1008	1008	1009	1009	1009	1008
23	1009	1008	1008	1008	1008	1009	1010	1009	1009	1010	1010	1009	1009	1008	1007	1006	1006	1005	1005	1005	1005	1005	1004	1003	1007	1007
24	1003	1002	1002	1001	1001	1002	1003	1003	1003	1003	1003	1002	1002	1001	1001	1001	1001	1001	1001	1002	1002	1002	1002	1002	1002	1002
25	1002	1002	1001	1001	1002	1002	1003	1003	1004	1004	1004	1004	1004	1005	1006	1005	1006	1006	1006	1006	1007	1008	1008	1008	1008	1004
26	1008	1008	1009	1009	1010	1011	1012	1012	1013	1013	1013	1012	1012	1012	1012	1012	1012	1012	1012	1013	1013	1014	1014	1013	1012	1012
27	1014	1013	1013	1013	1013	1014	1014	1014	1014	1014	1014	1013	1012	1011	1011	1009	1009	1009	1008	1008	1008	1008	1008	1007	1011	1011
28	1008	1007	1007	1007	1007	1008	1008	1009	1009	1009	1009	1009	1008	1007	1006	1006	1006	1004	1004	1004	1004	1004	1004	1004	1004	1006
29	1003	1002	1002	1002	1003	1003	1004	1004	1005	1005	1006	1006	1006	1007	1007	1008	1009	1009	1010	1010	1011	1011	1012	1012	1006	1006
30	1012	1012	1011	1012	1012	1013	1014	1015	1016	1016	1017	1018	1018	1017	1017	1017	1017	1018	1017	1018	1018	1019	1019	1019	1016	1016
31	1019	1018	1018	1018	1018	1019	1019	1020	1021	1021	1021	1021	1021	1020	1020	1019	1019	1018	1019	1019	1019	1019	1019	1018	1019	1019
Avg	1013	1013	1013	1013	1013	1013	1014	1014	1014	1014	1014	1014	1014	1013	1013	1012	1012	1012	1012	1012	1013	1013	1013	1013	1013	1013
S/D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
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	0.01
Min	1002	1002	1001	1001	1001	1001	1002	1003	1003	1003	1003	1002	1002	1001	1001	1001	1001	1001	1001	1002	1002	1002	1002	1002	1002	1002
Max	1024	1024	1024	1024	1023	1024	1024	1025	1025	1025	1025	1025	1024	1024	1023	1024	1023	1023	1023	1023	1024	1024	1024	1024	1024	1024

Data Recovery: 0% missing; 0% failed QC -- 8928 total 5-minute measurements.

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

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

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

Instrument: VSA
Calibration Constant: 0.10 X + 800b/V
Serial Number: 493926
Calibration Date: 6/1/1995