

**Global Solar Radiation on a Horizontal Surface  
Hourly Integrated and Daily Totals  
Watt-Hours per Square Meter  
Elizabeth City State Universit - June 1999**

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	2	91	246	467	651	818	943	1011	1003	917	778	601	427	234	38	0	0	0	0	0	8229	
2	0	0	0	0	2	77	250	456	636	813	912	831	841	806	766	530	420	219	53	1	0	0	0	0	7612	
3	0	0	0	0	1	61	225	434	625	734	791	794	900	528	240	318	222	196	66	0	0	0	0	0	6136	
4	0	0	0	0	2	63	219	293	620	775	857	972	966	920	795	630	440	240	39	1	0	0	0	0	7829	
5	0	0	0	0	2	78	260	480	689	846	903	970	1004	956	808	637	370	211	65	1	0	0	0	0	8279	
6	0	0	0	0	1	60	191	309	550	722	830	1034	793	739	582	636	440	246	65	1	0	0	0	0	7198	
7	0	0	0	0	2	75	239	444	639	797	913	963	961	908	782	615	417	219	59	1	0	0	0	0	8035	
8	0	0	0	0	2	67	224	424	602	751	855	916	919	866	666	548	379	189	56	1	0	0	0	0	7464	
9	0	0	0	0	2	63	217	409	601	761	876	926	937	827	672	589	398	217	64	1	0	0	0	0	7561	
10	0	0	0	0	2	67	230	435	492	602	874	844	891	753	505	303	162	61	13	0	0	0	0	0	6236	
11	0	0	0	0	1	19	149	367	549	702	503	621	404	555	660	352	420	246	80	1	0	0	0	0	5628	
12	0	0	0	0	1	25	63	132	129	95	130	112	80	85	173	117	62	40	16	1	0	0	0	0	1261	
13	0	0	0	0	1	42	118	398	566	717	522	446	327	390	515	331	122	225	25	2	0	0	0	0	4746	
14	0	0	0	0	2	76	255	423	615	775	813	726	563	592	558	536	417	214	61	2	0	0	0	0	6626	
15	0	0	0	0	3	38	75	105	160	262	244	326	218	48	33	44	33	51	29	1	0	0	0	0	1671	
16	0	0	0	0	1	9	76	78	94	101	192	231	137	106	83	63	47	27	8	1	0	0	0	0	1253	
17	0	0	0	0	0	8	27	46	71	98	148	90	195	254	164	120	69	60	11	1	0	0	0	0	1365	
18	0	0	0	0	1	18	33	143	314	260	294	288	205	497	597	612	449	228	113	6	0	0	0	0	4058	
19	0	0	0	0	2	81	255	280	478	587	753	777	824	643	393	295	259	106	66	3	0	0	0	0	5803	
20	0	0	0	0	0	9	59	145	132	168	213	116	107	242	226	368	229	121	33	0	0	0	0	0	2168	
21	0	0	0	0	1	35	90	76	95	136	209	290	321	285	62	71	150	156	43	3	0	0	0	0	2024	
22	0	0	0	0	1	17	54	150	178	299	404	582	590	?	?	722	?	603	424	271	91	2	0	0	0	4389
23	0	0	0	0	1	35	258	425	421	790	943	997	1006	936	836	645	436	267	78	2	0	0	0	0	8076	
24	0	0	0	0	1	87	271	?	447	646	818	914	923	943	829	680	527	383	179	47	1	0	0	0	7695	
25	0	0	0	0	2	85	223	273	552	637	585	680	500	710	574	389	318	171	39	4	0	0	0	0	5742	
26	0	0	0	0	2	83	235	406	605	666	887	860	675	678	365	482	430	238	72	1	0	0	0	0	6685	
27	0	0	0	0	1	23	62	91	202	363	513	791	798	729	671	497	230	242	67	3	0	0	0	0	5282	
28	0	0	0	0	1	28	150	168	204	252	506	685	639	818	544	411	247	149	106	1	0	0	0	0	4911	
29	0	0	0	0	0	20	97	79	125	272	857	908	835	471	534	486	340	223	91	1	0	0	0	0	5337	
30	0	0	0	0	2	57	56	150	335	378	628	450	455	587	613	300	365	137	46	1	0	0	0	0	4559	
Avg	0	0	0	0	1	50	164	284	419	533	634	672	635	609	520	422	303	179	55	1	0	0	0	0	5462	
S D	0	0	0	0	1	27	84	150	216	266	281	298	310	270	240	189	136	71	27	1	0	0	0	0	2264	
S/A	0	0	0	0	0.52	0.54	0.51	0.53	0.52	0.5	0.44	0.44	0.49	0.44	0.46	0.45	0.45	0.4	0.49	0.88	0	0	0	0	0	0.41
Min	0	0	0	0	0	8	27	46	71	95	130	90	80	48	33	44	33	27	8	0	0	0	0	0	1253	
Max	0	0	0	0	3	91	271	480	689	846	943	1034	1006	956	836	645	449	271	113	6	0	0	0	0	8279	

Daylight Data Recovery: 0% missing; 1% 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: 5/20/98

**Direct Normal Solar Radiation  
Hourly Integrated and Daily Totals  
Watt-Hours per Square Meter  
Elizabeth City State Universit - June 1999**

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	8	315	557	717	758	817	862	888	881	798	692	545	346	267	13	0	0	0	0	0	8466	
2	0	0	0	0	8	321	566	689	726	785	787	565	540	586	691	535	608	460	138	0	0	0	0	0	8005	
3	0	0	0	0	0	103	376	576	618	499	430	374	402	100	5	27	14	218	143	0	0	0	0	0	3883	
4	0	0	0	0	0	96	280	80	493	519	587	695	672	716	672	665	591	426	71	0	0	0	0	0	6565	
5	0	0	0	0	12	282	496	772	856	841	711	749	842	867	740	579	291	254	182	0	0	0	0	0	8476	
6	0	0	0	0	0	26	214	241	360	489	524	819	567	480	386	681	627	526	240	1	0	0	0	0	6182	
7	0	0	0	0	3	191	459	614	702	747	771	771	768	773	738	675	563	399	173	0	0	0	0	0	8348	
8	0	0	0	0	2	143	352	505	550	573	584	607	596	583	407	396	342	210	89	0	0	0	0	0	5939	
9	0	0	0	0	0	95	311	470	576	634	671	655	667	574	501	571	514	414	222	1	0	0	0	0	6874	
10	0	0	0	0	3	170	427	532	262	176	486	343	407	268	142	16	2	0	0	0	0	0	0	0	3233	
11	0	0	0	0	0	0	68	317	379	482	123	176	8	82	351	64	504	535	336	1	0	0	0	0	3426	
12	0	0	0	0	0	1	1	1	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	9	
13	0	0	0	0	0	1	4	382	486	495	186	28	8	14	160	165	42	159	1	1	0	0	0	0	2134	
14	0	0	0	0	0	95	365	527	612	661	574	408	278	316	336	472	502	331	99	0	0	0	0	0	5576	
15	0	0	0	0	0	2	0	0	2	5	1	3	3	0	0	0	0	1	0	0	0	0	0	0	18	
16	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	0	1	0	0	0	0	0	0	6	
17	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	0	0	0	0	0	0	0	0	6	
18	0	0	0	0	0	0	0	2	17	6	7	6	2	37	128	295	253	145	166	1	0	0	0	0	1065	
19	0	0	0	0	13	348	590	140	212	253	418	413	400	188	10	3	23	1	0	0	0	0	0	0	3011	
20	0	0	0	0	0	0	1	1	1	3	3	0	1	2	3	39	47	2	0	0	0	0	0	0	103	
21	0	0	0	0	0	0	0	0	0	2	4	3	2	0	0	0	2	12	0	0	0	0	0	0	28	
22	0	0	0	0	0	0	0	1	0	18	10	48	120	?	?	548	?	622	633	639	386	2	0	0	0	3026
23	0	0	0	0	0	1	523	573	237	696	851	827	828	808	825	724	613	601	307	1	0	0	0	0	8415	
24	0	0	0	0	1	225	608	?	708	782	784	725	583	607	492	383	370	379	154	19	0	0	0	0	6818	
25	0	0	0	0	0	107	177	202	440	261	84	170	56	329	201	90	134	117	5	0	0	0	0	0	2374	
26	0	0	0	0	4	299	541	591	638	519	759	652	393	378	101	438	603	442	218	1	0	0	0	0	6578	
27	0	0	0	0	0	0	1	1	3	28	79	376	446	413	434	334	113	297	43	1	0	0	0	0	2568	
28	0	0	0	0	0	2	54	5	2	4	49	314	249	493	277	284	110	80	158	0	0	0	0	0	2082	
29	0	0	0	0	0	0	6	0	1	13	588	587	445	98	234	257	217	126	55	0	0	0	0	0	2628	
30	0	0	0	0	0	5	1	18	28	15	100	38	14	95	183	73	226	22	49	1	0	0	0	0	868	
Avg	0	0	0	0	2	94	233	289	325	344	366	370	340	327	305	297	277	228	104	0	0	0	0	0	3890	
S D	0	0	0	0	3	117	230	282	299	313	318	305	301	290	265	256	239	202	112	0	0	0	0	0	2967	
S/A	0	0	0	0	1.89	1.24	0.99	0.97	0.92	0.91	0.87	0.83	0.89	0.89	0.87	0.86	0.86	0.89	1.07	1.18	0	0	0	0	0.76	
Min	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Max	0	0	0	0	13	348	608	772	856	841	862	888	881	867	825	724	633	639	386	2	0	0	0	0	8476	

Daylight Data Recovery: 0% missing; 1% 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: 5/20/98

**Diffuse Solar Radiation on a Horizontal Surface (Shadow Band PSP)**  
**Hourly Integrated and Daily Totals**  
**Watt-Hours per Square Meter**  
**Elizabeth City State University - June 1999**

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	43	69	88	108	107	103	103	103	133	171	201	239	140	35	0	0	0	0	0	1644	
2	0	0	0	0	1	35	71	95	123	136	144	249	283	228	166	151	107	74	36	1	0	0	0	0	1899	
3	0	0	0	0	1	45	103	130	185	296	359	398	469	411	207	292	203	135	47	0	0	0	0	0	3279	
4	0	0	0	0	2	52	136	244	266	319	277	255	266	219	212	161	135	106	28	0	0	0	0	0	2677	
5	0	0	0	0	2	43	98	73	79	119	200	188	132	111	160	210	207	127	39	1	0	0	0	0	1789	
6	0	0	0	0	1	51	125	176	285	286	297	189	198	254	233	148	109	75	32	1	0	0	0	0	2460	
7	0	0	0	0	2	47	95	124	144	159	171	175	174	157	144	135	122	89	36	1	0	0	0	0	1775	
8	0	0	0	0	1	48	115	163	220	270	295	296	307	303	313	271	203	121	45	1	0	0	0	0	2972	
9	0	0	0	0	1	50	120	169	196	218	226	254	253	268	233	185	129	84	34	1	0	0	0	0	2422	
10	0	0	0	0	2	44	95	154	309	432	380	462	445	467	363	272	140	53	11	0	0	0	0	0	3628	
11	0	0	0	0	1	16	118	184	261	276	349	413	357	448	331	288	152	65	31	1	0	0	0	0	3291	
12	0	0	0	0	1	22	55	114	111	83	113	97	69	73	150	101	54	35	13	1	0	0	0	0	1092	
13	0	0	0	0	1	36	103	182	218	286	334	407	286	357	368	196	98	165	23	2	0	0	0	0	3060	
14	0	0	0	0	2	59	110	148	175	201	254	299	266	279	267	200	150	104	46	1	0	0	0	0	2562	
15	0	0	0	0	3	33	66	92	140	226	212	289	199	42	29	39	29	44	25	1	0	0	0	0	1470	
16	0	0	0	0	1	8	66	69	82	89	168	202	120	94	73	55	42	24	7	1	0	0	0	0	1100	
17	0	0	0	0	0	7	23	40	62	86	129	78	170	220	143	104	61	53	11	1	0	0	0	0	1190	
18	0	0	0	0	1	17	29	124	280	236	265	263	177	444	452	356	313	179	90	5	0	0	0	0	3231	
19	0	0	0	0	2	35	69	207	321	357	334	327	391	426	347	253	230	92	57	2	0	0	0	0	3450	
20	0	0	0	0	0	8	51	126	115	147	186	101	93	211	195	331	197	109	30	0	0	0	0	0	1899	
21	0	0	0	0	1	30	78	66	83	118	182	251	280	247	55	63	131	141	39	3	0	0	0	0	1768	
22	0	0	0	0	1	15	47	130	155	249	363	502	374	?	?	209	?	148	86	50	34	2	0	0	0	2364
23	0	0	0	0	1	30	87	131	239	176	106	146	152	136	111	117	109	58	32	1	0	0	0	0	1634	
24	0	0	0	0	1	39	70	?	81	91	138	199	309	300	320	325	251	175	119	42	1	0	0	0	0	2460
25	0	0	0	0	1	66	175	147	243	407	464	472	422	365	372	318	234	126	36	4	0	0	0	0	3851	
26	0	0	0	0	1	37	70	104	152	214	142	200	267	292	263	172	110	83	38	1	0	0	0	0	2147	
27	0	0	0	0	1	20	54	80	176	319	414	391	338	308	285	244	164	140	58	2	0	0	0	0	2995	
28	0	0	0	0	1	25	127	146	178	219	423	347	376	323	292	199	184	122	81	1	0	0	0	0	3043	
29	0	0	0	0	0	17	85	69	109	230	259	304	371	359	322	300	219	172	82	1	0	0	0	0	2900	
30	0	0	0	0	1	52	49	130	298	336	515	409	400	468	438	236	236	126	37	1	0	0	0	0	3731	
Avg	0	0	0	0	1	34	85	126	180	224	262	279	268	275	241	200	152	100	39	1	0	0	0	0	2459	
S D	0	0	0	0	1	16	33	46	76	94	111	116	110	121	108	83	66	41	19	1	0	0	0	0	799	
S/A	0	0	0	0	0.46	0.46	0.39	0.36	0.42	0.42	0.42	0.42	0.41	0.44	0.45	0.41	0.44	0.41	0.5	0.84	0	0	0	0	0	0.32
Min	0	0	0	0	0	7	23	40	62	83	103	78	69	42	29	39	29	24	7	0	0	0	0	0	0	1092
Max	0	0	0	0	3	66	175	244	321	432	515	502	469	468	452	356	313	179	90	5	0	0	0	0	0	3851

Daylight Data Recovery: 0% missing; 1% 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: 5/20/98

**Dry Bulb Temperature (Roof)**  
**Hourly and Daily Averages**  
**Degrees Celsius**  
**Elizabeth City State Universit - June 1999**

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	21	20	20	19	18	19	20	22	23	25	26	27	28	28	29	29	29	28	27	25	24	23	22	22	24
2	21	21	20	20	19	19	21	23	24	25	26	27	28	28	29	29	29	28	26	25	24	24	23	23	24
3	22	22	22	22	22	22	23	24	25	26	27	28	30	29	29	29	29	28	28	26	25	22	20	20	25
4	21	21	21	21	20	20	21	22	23	23	23	24	24	24	24	23	23	22	21	20	19	18	18	18	21
5	18	17	16	16	16	16	18	19	21	22	22	23	23	23	24	23	23	22	21	20	19	19	19	19	20
6	19	19	18	18	18	18	19	21	23	25	26	27	27	27	27	27	27	26	25	24	23	23	23	22	23
7	22	21	20	20	20	20	21	24	26	28	29	30	31	31	31	32	32	31	30	28	26	25	25	24	26
8	23	23	22	22	21	22	23	24	26	28	31	32	33	33	33	33	33	32	31	29	28	27	26	25	28
9	25	24	24	23	23	23	24	27	29	31	33	33	33	34	33	33	32	31	30	28	27	26	26	25	28
10	25	24	24	24	24	23	24	24	24	23	24	24	24	24	23	22	22	21	21	20	20	20	20	20	23
11	20	20	20	19	19	19	19	20	22	22	22	23	23	22	22	21	22	21	20	19	18	18	17	17	20
12	17	16	16	16	17	17	18	19	19	20	20	20	21	21	21	21	21	21	21	21	20	20	20	19	19
13	19	19	19	19	19	19	19	21	23	24	25	25	25	26	26	26	25	23	22	21	21	21	21	21	22
14	21	21	21	21	21	21	22	24	26	27	29	30	30	30	31	31	31	30	29	27	26	25	25	24	26
15	24	23	23	23	23	23	23	24	24	25	25	25	25	24	22	22	21	21	21	21	21	21	21	21	23
16	21	20	20	20	19	19	19	19	19	19	19	19	19	19	18	18	18	18	18	17	17	17	17	17	19
17	17	17	17	17	17	17	17	18	18	18	18	18	19	19	20	19	19	19	19	18	18	18	18	18	18
18	18	18	18	18	18	17	17	17	18	18	19	19	19	20	21	21	21	20	19	18	17	17	16	16	18
19	15	15	15	15	14	15	17	19	20	21	21	21	22	21	21	20	20	20	20	19	19	19	19	18	19
20	18	18	18	18	18	19	19	20	20	21	21	21	21	21	22	24	23	23	23	22	21	21	20	20	21
21	20	20	20	20	20	20	20	21	21	21	22	22	23	23	22	21	21	21	21	20	20	19	19	19	21
22	19	18	18	18	18	18	18	18	19	20	20	22	22	23	23	23	22	22	20	19	18	18	17	17	20
23	16	16	16	16	17	17	18	20	21	23	23	23	24	24	24	24	23	23	22	20	20	19	18	18	20
24	18	18	18	18	18	18	20	22	24	25	26	26	26	26	26	26	25	24	23	22	22	21	21	21	22
25	20	20	20	20	20	20	22	23	25	26	26	27	27	27	27	27	26	26	25	25	24	24	23	23	24
26	22	22	22	22	22	22	24	25	27	28	28	29	29	30	29	28	29	29	28	27	26	25	25	25	26
27	24	24	24	24	24	24	24	25	25	26	27	28	30	30	31	30	30	31	29	28	27	26	26	25	27
28	25	24	24	24	24	24	24	25	25	25	26	28	29	30	30	30	29	28	28	27	26	26	25	25	26
29	25	25	25	25	25	25	25	25	25	25	27	29	29	29	30	30	30	30	29	28	27	27	26	25	27
30	25	25	25	25	25	25	25	25	26	26	27	28	28	28	28	28	28	28	27	26	26	25	24	24	26
Avg	21	20	20	20	20	20	21	22	23	24	25	25	26	26	26	26	25	25	24	23	22	22	21	21	23
S D	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3
S/A	0.14	0.14	0.14	0.14	0.14	0.13	0.12	0.12	0.12	0.14	0.15	0.15	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.16	0.15	0.15	0.14	0.14	0.13
Min	15	15	15	15	14	15	17	17	18	18	18	19	19	19	18	18	18	18	17	17	17	16	16	16	18
Max	25	25	25	25	25	25	25	27	29	31	33	33	33	34	33	33	33	32	31	29	28	27	26	25	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: 6/1/95

**Relative Humidity  
Hourly and Daily Averages  
Percent  
Elizabeth City State Universit - June 1999**

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	89	92	94	96	98	99	93	81	72	60	52	45	35	34	37	36	38	42	50	60	66	74	77	83	67	
2	86	88	90	92	93	93	88	79	73	69	64	60	58	55	51	49	47	50	67	72	75	79	83	86	73	
3	86	86	87	87	87	86	83	81	76	72	67	63	55	54	59	59	58	60	62	74	78	87	96	99	75	
4	99	100 ?	96 ?	92	91	91	85	75	68	62	62	60	58	60	64	65	67	66	70	74	81	88	91	89	77	
5	87	93	97	93	95	93	86	74	60	57	57	55	57	59	63	66	71	76	83	89	93	95	97	97	79	
6	98	98	99	?	?	?	99 ?	94	72	54	54	57	58	61	66	61	61	66	73	86	93	95	94	95	68 ?	
7	97	95	96	98	99	98	94	81	71	63	49	45	43	45	45	42	43	45	50	61	77	84	84	83	70	
8	84	85	86	87	87	88	84	78	72	64	57	54	50	47	52	49	44	50	63	73	82	84	84	86	70	
9	89	91	92	94	94	94	91	78	63	53	46	45	46	45	45	46	47	51	60	68	73	81	89	94	70	
10	98	99	?	99	99	95	91	85	85	85	81	79	78	78	80	84	86	87	90	91	89	90	90	90	84	
11	89	87	88	89	86	84	82	82	74	71	74	70	70	71	72	74	71	74	78	83	88	91	95	96	81	
12	97	97	96	96	96	96	95	94	95	96	97	96	98	96	94	96	97	97	99 ?	?	?	?	?	100	84 ?	
13	100	100 ?	99	99	100 ?	?	100 ?	93	82	72	70	74	75	71	68	69	78	94	94	99	100 ?	?	?	?	72 ?	
14	?	?	?	?	?	?	100 ?	96	84	74	67	61	55	59	55	51	51	50	54	62	63	70	76	83	90	54 ?
15	92	94	96	98	99	98	97	96	94	86	84	83	83	87	98	100 ?	?	?	?	?	?	?	?	?	62 ?	
16	?	?	?	?	?	?	?	100 ?	100	99	98	96	93	95	96	98	99	99	99	98	100 ?	?	?	?	?	57 ?
17	?	?	?	?	?	?	?	?	?	?	?	?	?	99 ?	97	97	97	98	98	98	99	99	99	100 ?	?	45 ?
18	100 ?	?	99 ?	99	99	97	97	95	89	89	86	88	87	80	73	71	74	74	79	84	87	88	91	93	84	
19	94	95	95	94	95	93	88	84	82	80	77	75	73	75	78	80	81	84	85	85	88	89	92	99	86	
20	?	?	?	?	?	?	?	?	?	99 ?	98	99	?	?	99 ?	93	92	93	95	99	99	100 ?	?	?	?	44 ?
21	?	?	?	?	?	?	?	?	?	100 ?	?	98	95	91	91	95	98	96	93	94	97	97	98	96	97	60 ?
22	99 ?	100 ?	100 ?	?	?	?	?	?	?	99	89	78	75	72	72	72	75	76	79	87	91	91	92	98	68 ?	
23	100	100	100	100	100	99	96	89	82	71	68	69	70	70	69	70	71	73	78	87	94	97	99	?	81	
24	?	?	?	?	?	?	97	91	81	71	63	63	61	61	64	67	71	74	82	90	96	99	100	?	?	55 ?
25	?	?	?	?	?	?	98 ?	93	79	70	72	66	70	69	72	75	78	79	85	82	85	89	92	95	60 ?	
26	97	99	100 ?	?	?	?	99 ?	90	79	74	65	67	67	67	75	78	75	75	79	84	88	92	94	97	72 ?	
27	99	100	100	99	99	99	99	97	95	91	88	81	75	72	69	71	73	72	79	86	87	87	88	91	87	
28	94	96	97	97	97	97	95	92	90	90	85	79	75	71	72	74	78	83	91	92	95	97	97	97	88	
29	97	97	97	97	97	96	94	94	93	92	84	77	76	78	76	76	76	79	80	86	91	84	85	93	87	
30	97	97	96	96	96	96	96	100 ?	97	92	85	80	80	78	74	79	75	76	80	84	87	90	92	95	88	
Avg	94	95	95	95	95	95	93	88	82	77	73	71	68	69	71	72	71	74	78	84	87	89	91	93	72	
S/D	5	5	4	4	4	4	5	8	11	14	15	15	15	16	17	17	17	16	13	11	9	7	6	5	12	
S/A	0.05	0.05	0.04	0.04	0.04	0.05	0.06	0.09	0.14	0.18	0.21	0.22	0.22	0.23	0.23	0.24	0.23	0.22	0.17	0.13	0.1	0.08	0.06	0.05	0.17	
Min	84	85	86	87	86	84	82	74	60	53	46	45	35	34	37	36	38	42	50	60	66	74	77	83	44	
Max	100	100	100	100	100	100	100	100	100	99	98	99	96	99	99	100	99	99	98	100	100	100	100	100	88	

Data Recovery: 0% missing; 15% 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: 6/1/95

**Temperature (CR10)**  
**Hourly and Daily Averages**  
**Degrees Celsius**  
**Elizabeth City State Universit - June 1999**

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	20	19	19	18	18	18	20	22	25	27	28	29	29	30	30	31	31	30	28	25	24	23	22	21	24
2	21	20	19	19	19	19	21	24	26	27	28	29	29	30	31	31	31	30	28	26	25	24	23	22	25
3	22	22	22	22	22	22	23	25	27	29	30	31	32	32	31	30	30	29	29	27	25	24	20	20	26
4	20	20	20	20	20	20	21	22	24	26	26	27	28	27	27	27	26	25	23	20	18	17	17	16	22
5	16	15	15	14	14	14	17	20	22	24	25	26	26	26	27	27	26	24	23	20	19	18	18	18	21
6	18	18	18	17	17	17	19	21	24	28	30	31	32	31	30	31	30	29	27	25	23	22	21	21	24
7	20	20	20	19	19	19	21	24	27	30	32	34	34	34	34	34	34	33	32	29	26	25	24	24	27
8	23	22	22	21	21	21	23	25	28	31	34	36	37	37	37	37	36	35	33	30	28	27	26	25	29
9	24	24	23	23	22	23	24	27	31	34	36	37	37	37	37	36	36	34	32	29	27	26	25	24	30
10	24	23	23	23	23	23	24	26	27	26	28	28	28	28	27	26	24	23	22	21	21	20	20	20	24
11	20	20	20	19	19	19	19	21	23	25	25	25	26	25	26	24	24	24	22	19	18	17	16	16	21
12	16	15	15	15	16	17	17	18	19	20	20	21	21	21	21	22	22	22	22	21	21	20	20	19	19
13	18	18	18	18	18	18	19	22	25	28	29	28	28	28	29	30	27	24	24	21	21	21	20	20	23
14	20	20	20	20	20	20	22	25	28	30	31	32	32	32	32	33	33	32	31	28	26	25	24	23	27
15	23	23	22	22	22	23	23	24	24	26	27	27	27	25	23	22	22	21	21	21	21	21	21	21	23
16	20	20	20	20	20	19	19	19	19	19	19	20	20	20	19	18	18	18	18	17	17	17	17	17	19
17	17	17	17	17	17	17	17	17	18	18	18	19	19	19	20	20	20	20	19	19	18	18	18	18	18
18	18	18	18	18	18	17	17	17	19	20	20	21	21	21	22	23	23	22	21	19	17	16	15	15	19
19	14	13	13	13	13	13	16	19	21	22	24	24	24	24	23	23	22	21	20	20	19	19	19	18	19
20	18	18	18	18	18	18	19	20	21	21	22	23	21	22	22	24	25	25	24	23	22	21	21	20	21
21	20	20	20	20	20	20	20	21	21	22	22	23	25	25	24	22	22	22	21	21	20	20	20	19	21
22	19	18	18	18	18	18	18	18	19	20	21	23	24	25	26	26	25	24	23	20	18	17	16	16	20
23	15	15	15	16	16	16	18	21	22	24	26	26	27	26	27	27	26	26	24	21	19	18	17	17	21
24	17	17	17	17	17	17	20	23	26	28	29	30	30	29	30	29	28	27	25	23	21	21	20	20	23
25	19	19	19	19	19	19	22	23	27	30	31	31	32	30	31	30	29	28	27	26	25	24	23	22	25
26	22	21	21	21	21	21	24	27	30	32	33	33	33	33	32	30	32	31	30	28	26	25	25	24	27
27	24	23	23	24	24	24	24	25	26	27	29	31	32	32	33	33	32	32	31	29	27	26	26	25	28
28	25	24	24	23	23	23	24	25	26	26	27	29	31	32	32	32	31	30	30	28	27	26	25	25	27
29	25	25	25	25	25	25	25	25	25	26	28	31	32	32	32	32	32	32	31	29	28	27	26	25	28
30	25	24	24	24	24	24	25	25	26	27	29	30	30	30	31	30	30	29	28	26	26	25	24	24	27
Avg	20	20	20	19	19	19	21	22	24	26	27	28	28	28	28	28	28	27	26	24	22	22	21	21	24
S D	3	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5	4	4	4	3	3	3	3
S/A	0.15	0.15	0.15	0.15	0.15	0.15	0.13	0.13	0.14	0.15	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.15	0.15	0.14
Min	14	13	13	13	13	13	16	17	18	18	18	19	19	19	18	18	18	18	17	17	16	15	15	18	18
Max	25	25	25	25	25	25	25	27	31	34	36	37	37	37	37	37	36	35	33	30	28	27	26	25	30

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: 6/1/95

**Wind Speed**  
**Hourly and Daily Averages**  
**Meters/Second**  
**Elizabeth City State Universit - June 1999**

Field: WS

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	2	2	2	2	1	1	2	4	4	4	4	4	4	4	4	4	4	4	2	2	2	3	4	3	3
2	3	3	3	3	2	2	3	4	5	5	5	5	4	4	5	5	4	4	4	3	4	4	4	4	4
3	5	4	4	4	4	4	4	5	5	5	4	4	4	4	3	3	3	2	2	1	1	2	0	1	3
4	1	1	2	2	2	2	3	4	4	5	4	3	3	4	4	4	4	4	3	2	2	2	1	1	3
5	1	1	2	2	2	2	2	3	4	4	4	3	3	3	3	3	4	3	3	2	2	2	1	1	3
6	1	1	0	1	0	1	1	1	2	1	1	2	2	3	3	3	3	3	3	2	2	2	1	1	2
7	2	2	2	1	1	1	2	3	3	3	2	2	2	2	3	3	3	2	2	2	2	3	3	3	2
8	3	3	3	3	2	2	3	3	2	1	1	1	2	2	3	3	2	2	2	2	2	3	2	2	2
9	2	2	2	2	2	2	1	1	2	2	2	3	3	2	3	3	3	3	2	2	2	1	1	0	2
10	0	1	2	3	3	3	3	4	5	5	4	4	5	5	5	5	5	4	4	3	4	3	4	3	4
11	3	3	2	3	3	2	2	3	3	4	4	4	4	4	5	4	3	3	4	2	1	1	2	2	3
12	2	2	2	2	3	3	3	3	3	3	3	3	2	2	3	4	2	2	2	2	2	1	2	1	2
13	2	2	2	1	1	1	1	2	2	2	2	3	1	1	2	2	2	2	1	2	1	1	1	1	2
14	1	1	1	2	1	1	2	3	3	4	4	4	4	4	4	4	4	3	3	3	3	2	2	2	3
15	2	3	3	2	2	2	3	2	1	1	1	2	3	3	3	3	3	3	3	2	3	2	2	2	2
16	1	1	2	3	4	3	4	3	3	4	3	3	3	3	3	3	4	4	3	3	3	1	2	3	3
17	1	1	2	2	3	3	2	2	1	2	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2
18	1	1	2	2	2	2	2	3	2	2	2	3	3	4	4	4	4	4	3	2	2	2	2	1	2
19	1	1	2	2	1	1	2	4	5	5	5	5	5	5	5	6	5	5	5	4	4	4	4	4	4
20	3	3	4	3	2	2	2	2	1	2	2	2	1	1	0	0	1	1	0	1	1	0	0	0	1
21	0	0	0	1	1	1	1	2	1	2	3	2	2	3	3	3	3	3	3	3	3	3	3	2	2
22	3	2	3	3	2	2	2	3	3	3	4	3	4	4	4	4	4	4	3	2	1	2	1	1	3
23	1	2	2	2	2	2	2	3	3	3	4	4	4	4	4	3	3	3	2	2	1	0	1	1	3
24	1	1	1	0	1	1	2	3	2	2	3	3	4	3	3	4	4	3	3	2	2	1	1	0	2
25	0	0	1	0	0	0	1	1	1	1	2	2	3	4	4	4	4	3	2	3	3	2	1	1	2
26	1	0	0	0	0	1	1	1	1	2	2	2	2	3	4	2	3	3	2	2	1	1	2	2	2
27	1	2	2	2	2	2	2	2	3	3	3	4	3	4	4	3	3	3	3	3	3	3	3	3	3
28	3	3	3	2	2	2	3	4	4	4	4	4	4	4	4	4	3	3	2	2	3	3	3	4	3
29	4	4	3	3	3	3	3	4	4	4	5	4	5	4	4	4	4	3	3	2	2	3	3	3	4
30	3	3	3	3	2	2	2	2	3	4	4	4	4	4	4	4	4	4	3	3	3	2	3	3	3
Avg	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	3	3	3	3	2	2	2	2	2	3
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	0.56	0.59	0.47	0.48	0.5	0.42	0.35	0.37	0.41	0.39	0.36	0.32	0.33	0.32	0.28	0.3	0.26	0.27	0.3	0.33	0.37	0.47	0.54	0.59	0.25
Min	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	0	0	0	1
Max	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	5	5	5	4	4	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: 6/1/95

**Wind Direction**  
**Hourly and Daily Averages**  
**Degrees**  
**Elizabeth City State Universit - June 1999**

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	147	153	163	168	167	161	171	168	169	170	167	164	168	160	138	152	162	168	145	115	122	128	141	138	156
2	147	139	157	171	169	150	161	149	173	158	177	185	154	142	130	144	144	138	119	125	135	145	147	141	150
3	158	154	152	156	164	160	153	164	176	176	183	181	183	185	192	198	234	198	190	155	137	166	151	133	172
4	178	60	301	300	313	299	310	331	338	329	348	344	353	19	8	353	4	347	11	2	14	2	20	15	347
5	3	324	325	351	317	343	335	354	351	359	4	2	359	349	351	12	346	350	347	1	349	320	304	327	350
6	340	332	292	296	271	284	302	290	296	295	46	357	352	11	33	64	66	57	69	90	77	72	109	112	33
7	135	145	167	159	164	161	162	183	180	174	189	188	130	130	113	146	169	165	144	106	125	143	145	142	154
8	150	155	171	171	172	166	176	188	192	209	297	22	25	45	64	78	114	113	98	130	126	133	149	158	140
9	155	155	168	166	181	193	203	270	300	323	348	10	22	2	45	63	45	35	65	67	70	79	84	96	56
10	50	8	5	17	35	21	7	2	352	6	8	355	351	349	5	346	353	357	359	1	16	340	344	342	360
11	331	327	300	294	303	302	298	317	317	339	326	324	335	338	327	316	329	343	335	336	312	282	289	278	321
12	296	296	289	294	295	287	299	290	288	304	315	301	296	279	293	298	271	287	312	313	292	294	285	294	295
13	277	263	283	233	249	223	219	229	237	242	205	219	259	166	43	46	276	318	125	90	78	85	113	139	230
14	142	128	139	154	157	158	162	173	184	178	186	174	146	119	121	127	132	128	101	107	119	131	122	127	143
15	135	126	142	161	164	167	174	183	203	246	320	336	351	16	8	9	20	18	360	1	351	350	345	329	20
16	305	299	291	300	299	301	316	309	302	311	302	300	294	325	320	337	313	343	334	343	339	340	347	8	318
17	322	341	345	341	354	343	346	334	321	318	324	318	316	330	290	298	294	294	295	300	303	317	300	282	319
18	293	258	282	280	272	259	266	274	281	262	276	272	322	337	351	351	350	320	340	339	332	344	324	296	311
19	293	285	285	293	301	308	329	359	354	347	355	356	356	339	1	357	339	351	4	351	354	354	3	351	348
20	330	349	354	346	330	342	306	341	346	348	347	328	306	301	359	338	18	15	336	10	37	343	354	6	343
21	326	280	301	296	294	294	311	317	311	326	329	308	344	323	304	288	298	300	297	291	286	283	303	297	304
22	288	290	290	310	308	311	313	318	330	333	329	341	335	328	354	329	356	335	336	332	324	320	288	287	325
23	291	296	294	291	291	298	290	309	319	347	356	2	3	349	10	8	12	21	6	345	352	343	304	320	343
24	340	347	358	346	6	22	14	25	24	34	32	39	26	26	32	40	39	34	37	38	49	42	31	58	30
25	72	90	94	108	88	87	96	120	95	89	29	99	33	54	63	52	70	57	59	92	94	99	78	104	69
26	120	118	326	61	49	55	75	96	103	83	136	157	81	99	101	129	123	103	132	140	138	115	107	132	112
27	128	132	126	154	146	151	140	126	141	131	143	153	154	137	142	168	136	140	104	105	106	132	144	150	137
28	154	141	135	150	137	133	145	153	148	151	158	161	159	152	130	141	131	141	139	140	133	135	131	138	144
29	154	160	145	150	156	152	146	159	157	152	174	142	159	168	159	131	148	140	150	134	136	145	158	146	152
30	138	139	150	154	143	156	145	118	131	140	140	143	136	118	141	126	119	133	120	117	109	121	132	123	133
Avg	168	162	205	216	240	242	239	259	263	312	323	325	12	27	41	44	35	31	38	43	56	85	101	125	34

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: 6/1/95



**Peak Wind Speed**  
**Hourly and Daily Averages**  
**Meters/Second**  
**Elizabeth City State Universit - June 1999**

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	3	3	3	3	2	2	3	5	6	6	6	6	6	6	6	6	6	6	4	4	4	5	6	6	5
2	5	5	4	4	4	3	4	6	7	7	7	7	7	7	7	8	7	6	6	6	7	7	7	7	6
3	7	7	7	7	6	6	7	8	7	7	7	6	6	7	5	6	5	4	2	2	2	4	1	1	5
4	2	1	2	3	3	3	5	7	7	7	6	5	5	6	6	6	6	6	4	3	3	3	2	2	4
5	2	2	2	3	2	3	3	5	6	6	6	5	5	6	5	5	5	5	4	4	3	3	2	2	4
6	2	2	1	1	1	2	2	2	3	3	2	3	3	5	5	5	5	5	5	3	3	3	2	2	3
7	3	3	2	2	2	2	3	4	5	5	4	4	4	4	5	5	5	4	3	3	3	4	5	5	4
8	5	4	4	4	3	3	5	5	4	3	2	3	4	4	5	4	4	4	3	3	4	4	4	3	4
9	3	3	3	3	3	3	3	3	4	4	3	4	4	4	4	5	4	4	4	3	3	2	2	1	3
10	1	1	3	4	4	4	5	6	7	7	6	7	7	7	7	7	7	6	6	5	6	5	5	4	5
11	4	4	3	4	4	4	4	4	5	6	6	6	6	7	7	6	5	5	6	3	3	2	3	3	5
12	4	3	4	4	5	5	5	6	5	5	5	5	4	4	5	6	4	4	4	4	3	3	3	2	4
13	3	3	4	2	2	2	3	4	4	3	4	5	3	2	3	4	4	2	4	2	2	1	2	2	3
14	2	2	2	3	2	2	3	4	5	6	6	6	6	6	6	6	6	6	5	4	4	4	4	4	4
15	4	4	4	4	4	4	4	4	2	2	2	4	5	5	4	4	4	4	4	4	4	4	4	4	4
16	3	2	4	5	6	6	6	5	5	7	6	6	6	6	5	5	6	6	6	5	5	2	4	5	5
17	3	3	3	4	5	5	4	4	3	4	4	4	3	3	3	4	4	3	4	4	4	4	3	3	4
18	2	2	4	3	4	5	5	5	5	5	5	5	5	6	6	6	6	6	5	4	3	3	3	2	4
19	2	2	3	3	2	2	4	7	7	7	7	8	8	9	8	9	9	9	7	8	7	6	7	7	6
20	6	5	6	5	4	4	3	4	3	3	3	3	2	2	1	1	2	2	1	1	2	0	1	0	3
21	0	1	1	2	2	3	3	3	3	4	4	4	4	5	5	5	6	5	5	5	5	5	5	4	4
22	4	4	5	5	4	4	4	5	5	6	6	6	7	7	6	6	7	6	6	3	3	3	2	2	5
23	2	3	3	3	3	3	4	4	5	6	6	7	6	7	6	5	5	4	3	2	2	1	1	1	4
24	2	2	1	1	2	2	3	4	3	4	4	5	5	5	6	6	5	4	4	3	2	2	2	1	3
25	0	0	1	0	1	1	2	2	2	3	4	3	5	6	6	6	5	4	3	4	4	3	2	1	3
26	2	1	0	0	1	1	2	2	2	3	4	4	5	6	3	4	5	4	3	2	2	3	3	3	3
27	3	3	3	3	3	3	3	4	5	5	5	6	6	6	5	4	5	5	5	5	5	4	5	5	4
28	4	4	5	4	4	4	5	6	7	7	7	7	7	7	6	6	6	5	4	4	4	4	5	6	5
29	5	6	6	5	5	4	5	6	7	6	7	6	8	7	7	7	7	5	4	3	4	6	5	4	6
30	5	4	4	5	3	3	3	4	5	6	6	7	6	6	7	7	7	6	5	5	4	4	5	5	5
Avg	3	3	3	3	3	3	4	5	5	5	5	5	5	5	6	6	5	5	4	4	4	3	3	3	4
S D	2	2	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1	1	1	1	1	2	2	2	1
S/A	0.5	0.54	0.45	0.45	0.46	0.39	0.32	0.32	0.34	0.31	0.31	0.26	0.29	0.29	0.25	0.27	0.25	0.25	0.29	0.32	0.37	0.43	0.5	0.54	0.23
Min	0	0	0	0	1	1	2	2	2	2	2	3	2	2	1	1	2	2	1	1	2	0	1	0	3
Max	7	7	7	7	6	6	7	8	7	7	7	8	8	9	8	9	9	9	7	8	7	7	7	7	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: 6/1/95

**Station Pressure**  
**Hourly and Daily Averages**  
**Millibars**  
**Elizabeth City State Universit - June 1999**

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

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: 6/1/95