

**Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - October 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	0	0	69	253	450	617	734	783	767	686	543	366	173	21	0	0	0	0	0	0	5462
2	0	0	0	0	0	0	78	245	436	606	722	781	770	686	547	366	165	17	0	0	0	0	0	0	5417
3	0	0	0	0	0	0	65	234	411	586	743	723	651	634	532	350	155	13	0	0	0	0	0	0	5096
4	0	0	0	0	0	0	56	227	391	528	617	482	314	314	152	54	16	0	0	0	0	0	0	0	3152
5	0	0	0	0	0	0	8	46	68	81	206	244	172	124	116	140	115	13	0	0	0	0	0	0	1333
6	0	0	0	0	0	0	60	240	441	606	717	767	745	664	515	331	138	13	0	0	0	0	0	0	5238
7	0	0	0	0	0	0	63	238	408	503	556	623	695	516	538	341	143	12	0	0	0	0	0	0	4635
8	0	0	0	0	0	0	57	233	429	597	711	761	746	622	536	350	141	10	0	0	0	0	0	0	5194
9	0	0	0	0	0	0	51	137	?	361	?	567	625	703	669	533	450	131	55	5	0	0	0	0	4287
10	0	0	0	0	0	0	12	102	190	396	541	510	535	459	183	99	25	2	0	0	0	0	0	0	3054
11	0	0	0	0	0	0	10	58	134	157	521	709	641	161	38	60	50	3	0	0	0	0	0	0	2541
12	0	0	0	0	0	0	30	180	364	443	674	736	710	647	499	314	118	5	0	0	0	0	0	0	4720
13	0	0	0	0	0	0	20	73	122	306	276	145	187	259	119	94	19	1	0	0	0	0	0	0	1622
14	0	0	0	0	0	0	37	205	408	568	684	732	718	638	499	318	118	4	0	0	0	0	0	0	4929
15	0	0	0	0	0	0	43	211	402	561	672	718	700	616	479	301	118	4	0	0	0	0	0	0	4823
16	0	0	0	0	0	0	18	142	390	?	531	642	479	370	315	181	113	38	5	0	0	0	0	0	3223
17	0	0	0	0	0	0	4	9	112	48	171	98	40	25	22	10	4	0	0	0	0	0	0	0	545
18	0	0	0	0	0	0	8	36	135	332	?	498	683	652	566	464	291	99	2	0	0	0	0	0	3766
19	0	0	0	0	0	0	33	186	374	511	600	733	645	499	459	246	86	2	0	0	0	0	0	0	4372
20	0	0	0	0	0	0	6	43	130	304	460	297	163	124	33	16	6	1	0	0	0	0	0	0	1583
21	0	0	0	0	0	0	12	86	212	345	347	359	421	323	256	165	65	4	0	0	0	0	0	0	2595
22	0	0	0	0	0	0	26	182	374	539	652	705	685	593	449	269	81	1	0	0	0	0	0	0	4557
23	0	0	0	0	0	0	28	108	285	489	593	568	592	518	366	243	78	1	0	0	0	0	0	0	3871
24	0	0	0	0	0	0	29	183	328	541	588	509	632	460	246	133	96	1	0	0	0	0	0	0	3747
25	0	0	0	0	0	0	34	208	?	366	521	625	672	652	568	430	253	71	0	0	0	0	0	0	4400
26	0	0	0	0	0	0	32	188	345	526	633	681	664	580	439	257	73	0	0	0	0	0	0	0	4417
27	0	0	0	0	0	0	22	159	337	494	599	644	626	545	412	236	63	0	0	0	0	0	0	0	4137
28	0	0	0	0	0	0	20	159	344	498	599	641	622	537	398	224	60	0	0	0	0	0	0	0	4104
29	0	0	0	0	0	0	23	81	?	316	?	487	?	598	642	624	538	404	171	56	0	0	0	0	3940
30	0	0	0	0	0	0	15	69	?	324	?	417	574	635	519	521	359	200	57	0	0	0	0	0	3691
31	0	0	0	0	0	0	10	78	146	315	380	461	356	401	362	215	47	0	0	0	0	0	0	0	2771
Avg	0	0	0	0	0	0	32	148	307	452	566	588	558	473	356	215	82	4	0	0	0	0	0	0	3781
S D	0	0	0	0	0	0	21	73	116	148	147	185	198	178	167	106	47	6	0	0	0	0	0	0	1255
S/A	0	0	0	0	0	0	0.66	0.49	0.38	0.33	0.26	0.31	0.35	0.38	0.47	0.49	0.57	1.25	0	0	0	0	0	0	0.33
Min	0	0	0	0	0	0	4	9	68	48	171	98	40	25	22	10	4	0	0	0	0	0	0	0	545
Max	0	0	0	0	0	0	78	253	450	617	743	783	770	686	547	366	173	21	0	0	0	0	0	0	5462

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 4204 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 - October 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	0	0	353	694	812	860	886	891	880	856	810	727	573	172	0	0	0	0	0	0	8514
2	0	0	0	0	0	0	322	661	779	836	861	880	882	853	804	703	497	109	0	0	0	0	0	0	8188
3	0	0	0	0	0	0	244	576	612	735	767	663	569	726	745	662	472	56	0	0	0	0	0	0	6826
4	0	0	0	0	0	0	147	490	518	566	464	303	138	50	13	2	2	1	0	0	0	0	0	0	2694
5	0	0	0	0	0	0	1	1	0	1	2	1	0	0	1	2	50	0	0	0	0	0	0	0	60
6	0	0	0	0	0	0	277	652	790	847	873	880	870	851	776	673	478	95	0	0	0	0	0	0	8063
7	0	0	0	0	0	0	193	535	656	519	488	528	536	364	726	676	491	89	0	0	0	0	0	0	5801
8	0	0	0	0	0	0	285	664	801	853	881	889	860	753	752	731	507	72	0	0	0	0	0	0	8047
9	0	0	0	0	0	0	158	138	?	565	?	775	610	737	669	395	407	11	2	1	0	0	0	0	4468
10	0	0	0	0	0	0	2	3	8	86	124	166	152	199	5	1	0	1	0	0	0	0	0	0	750
11	0	0	0	0	0	0	1	2	3	2	170	314	200	3	1	4	3	1	0	0	0	0	0	0	706
12	0	0	0	0	0	0	64	345	522	441	767	837	812	840	756	673	426	27	0	0	0	0	0	0	6511
13	0	0	0	0	0	0	1	2	3	13	14	1	3	4	0	1	0	1	0	0	0	0	0	0	43
14	0	0	0	0	0	0	113	562	768	831	883	902	909	895	858	777	570	83	0	0	0	0	0	0	8150
15	0	0	0	0	0	0	241	662	795	848	870	876	861	809	783	671	407	27	0	0	0	0	0	0	7851
16	0	0	0	0	0	0	6	145	605	726	710	193	68	23	5	2	2	1	0	0	0	0	0	0	2486
17	0	0	0	0	0	0	1	1	2	1	3	1	1	1	1	1	1	1	0	0	0	0	0	0	14
18	0	0	0	0	0	0	1	1	11	112	?	281	641	710	708	811	723	490	43	0	0	0	0	0	4532
19	0	0	0	0	0	0	162	565	726	759	616	771	728	474	741	501	299	7	0	0	0	0	0	0	6347
20	0	0	0	0	0	0	1	3	3	16	60	13	1	0	0	1	1	0	0	0	0	0	0	0	99
21	0	0	0	0	0	0	1	3	43	87	31	36	115	67	57	51	94	17	0	0	0	0	0	0	604
22	0	0	0	0	0	0	113	589	776	868	911	929	917	876	815	699	428	22	0	0	0	0	0	0	7943
23	0	0	0	0	0	0	47	70	265	548	725	501	577	688	534	439	334	15	0	0	0	0	0	0	4745
24	0	0	0	0	0	0	201	625	546	782	699	455	722	460	186	157	305	13	0	0	0	0	0	0	5152
25	0	0	0	0	0	0	173	625	?	791	858	889	890	867	816	716	455	16	0	0	0	0	0	0	7997
26	0	0	0	0	0	0	168	626	803	876	906	914	913	893	843	743	471	11	0	0	0	0	0	0	8166
27	0	0	0	0	0	0	119	514	702	792	825	831	819	789	739	621	313	2	0	0	0	0	0	0	7065
28	0	0	0	0	0	0	101	530	736	808	821	833	830	802	739	589	298	2	0	0	0	0	0	0	7089
29	0	0	0	0	0	0	44	298	?	768	?	830	?	858	863	849	795	705	397	267	2	0	0	0	6676
30	0	0	0	0	0	0	76	346	?	656	?	490	664	747	455	690	509	395	216	1	0	0	0	0	5246
31	0	0	0	0	0	0	3	15	8	38	28	37	28	404	641	604	229	1	0	0	0	0	0	0	2036
Avg	0	0	0	0	0	0	117	353	486	542	571	566	547	521	503	418	280	29	0	0	0	0	0	0	4931
S D	0	0	0	0	0	0	107	272	325	342	337	344	350	343	343	309	203	41	0	0	0	0	0	0	3011
S/A	0	0	0	0	0	0	0.92	0.77	0.67	0.63	0.59	0.61	0.64	0.66	0.68	0.74	0.73	1.44	0	0	0	0	0	0	0.61
Min	0	0	0	0	0	0	1	1	0	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	14
Max	0	0	0	0	0	0	353	694	812	876	911	929	917	895	858	777	573	172	0	0	0	0	0	0	8514

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 4204 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 Universit - October 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	0	0	22	40	47	53	57	58	59	59	55	47	37	8	0	0	0	0	0	0	541
2	0	0	0	0	0	0	26	45	54	65	71	71	69	68	66	63	46	9	0	0	0	0	0	0	655
3	0	0	0	0	0	0	29	59	107	107	164	183	189	109	91	68	46	9	0	0	0	0	0	0	1160
4	0	0	0	0	0	0	30	70	120	152	251	229	190	261	139	49	14	0	0	0	0	0	0	0	1506
5	0	0	0	0	0	0	8	42	62	74	185	218	154	112	104	126	95	13	0	0	0	0	0	0	1193
6	0	0	0	0	0	0	24	48	60	68	71	72	73	68	69	56	38	7	0	0	0	0	0	0	654
7	0	0	0	0	0	0	30	71	97	170	185	196	266	244	121	69	42	7	0	0	0	0	0	0	1499
8	0	0	0	0	0	0	27	48	55	66	71	71	85	91	111	59	38	7	0	0	0	0	0	0	729
9	0	0	0	0	0	0	27	114 ?	88 ?	85	179	124	150	253	209	117	50	4	0	0	0	0	0	0	1401
10	0	0	0	0	0	0	11	94	175	312	420	363	401	299	169	92	23	2	0	0	0	0	0	0	2359
11	0	0	0	0	0	0	9	54	123	145	342	422	443	148	35	54	46	3	0	0	0	0	0	0	1823
12	0	0	0	0	0	0	20	76	110	159	115	96	98	83	85	62	42	4	0	0	0	0	0	0	949
13	0	0	0	0	0	0	19	67	112	280	251	136	177	240	112	88	19	1	0	0	0	0	0	0	1503
14	0	0	0	0	0	0	22	52	65	70	66	61	56	50	45	36	22	1	0	0	0	0	0	0	548
15	0	0	0	0	0	0	17	43	51	57	64	67	71	81	64	55	46	3	0	0	0	0	0	0	619
16	0	0	0	0	0	0	17	106	103	92	137	324	305	286	166	103	35	5	0	0	0	0	0	0	1679
17	0	0	0	0	0	0	4	9	104	45	161	92	38	24	21	10	4	0	0	0	0	0	0	0	513
18	0	0	0	0	0	0	9	34	123	239 ?	270	154	110	101	51	42	25	1	0	0	0	0	0	0	1160
19	0	0	0	0	0	0	17	49	63	74	182	174	120	182	84	64	38	2	0	0	0	0	0	0	1049
20	0	0	0	0	0	0	6	41	121	279	387	271	152	116	31	15	6	1	0	0	0	0	0	0	1424
21	0	0	0	0	0	0	11	79	188	281	320	324	322	273	221	146	55	4	0	0	0	0	0	0	2224
22	0	0	0	0	0	0	13	42	53	54	53	52	55	56	52	44	24	1	0	0	0	0	0	0	499
23	0	0	0	0	0	0	23	90	151	174	108	203	189	95	94	97	33	1	0	0	0	0	0	0	1259
24	0	0	0	0	0	0	12	42	91	112	123	182	133	173	150	84	50	1	0	0	0	0	0	0	1154
25	0	0	0	0	0	0	11	39 ?	49	54	53	55	55	50	44	34	16	0	0	0	0	0	0	0	460
26	0	0	0	0	0	0	11	38	47	55	57	58	56	52	46	35	17	0	0	0	0	0	0	0	472
27	0	0	0	0	0	0	12	45	62	68	71	75	76	74	67	50	23	0	0	0	0	0	0	0	623
28	0	0	0	0	0	0	12	46	61	71	81	78	74	69	58	51	24	0	0	0	0	0	0	0	624
29	0	0	0	0	0	0	11	41 ?	53 ?	52	58	61	67	75	80	60	26	0	0	0	0	0	0	0	585
30	0	0	0	0	0	0	12	41 ?	87 ?	160	143	129	204	117	116	83	30	0	0	0	0	0	0	0	1120
31	0	0	0	0	0	0	10	73	137	288	345	416	317	157	74	46	20	0	0	0	0	0	0	0	1882
Avg	0	0	0	0	0	0	16	56	91	128	163	162	153	131	91	65	33	3	0	0	0	0	0	0	1092
S D	0	0	0	0	0	0	8	23	38	84	108	110	107	81	50	30	17	3	0	0	0	0	0	0	529
S/A	0	0	0	0	0	0	0.46	0.4	0.42	0.66	0.66	0.68	0.7	0.62	0.55	0.47	0.52	1.14	0	0	0	0	0	0	0.48
Min	0	0	0	0	0	0	4	9	47	45	53	52	38	24	21	10	4	0	0	0	0	0	0	0	460
Max	0	0	0	0	0	0	30	114	188	312	420	422	443	299	221	146	95	13	0	0	0	0	0	0	2359

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 4204 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 - October 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	12	12	12	12	12	12	12	15	18	20	21	22	22	23	23	23	21	20	18	17	16	15	16	16	16
2	15	14	14	15	14	14	15	17	20	21	22	23	24	24	23	23	23	22	21	20	19	19	19	19	19
3	19	19	19	19	19	18	18	20	23	24	26	26	27	27	28	28	26	25	23	23	22	22	21	21	23
4	21	20	20	20	21	21	21	23	24	25	26	27	26	25	24	22	21	21	20	20	20	20	20	20	22
5	20	20	20	20	19	18	18	17	16	15	15	16	16	15	15	16	16	15	14	14	13	13	12	12	16
6	11	11	11	11	11	9	9	11	14	15	17	18	19	20	20	20	19	17	15	14	14	13	12	12	14
7	12	11	10	10	10	10	11	14	16	18	18	18	18	17	17	17	16	14	13	13	12	12	11	10	14
8	10	10	9	9	9	9	10	13	17	18	19	20	20	20	21	20	20	19	18	17	17	17	17	16	16
9	16	16	16	15	15	14	14	16	19	22	23	24	25	25	26	25	23	22	21	21	20	20	20	19	20
10	19	19	18	18	18	18	19	20	21	23	25	26	26	27	26	26	24	22	22	22	21	21	21	21	22
11	21	20	20	19	20	19	19	20	20	21	23	25	25	24	22	21	21	20	20	20	20	20	20	20	21
12	19	18	17	16	15	14	15	16	19	20	21	21	21	21	21	20	19	18	17	16	15	14	14	14	18
13	14	14	14	14	15	15	16	16	18	20	22	22	22	23	22	22	21	20	20	19	18	18	18	17	18
14	17	18	17	18	17	17	17	17	18	18	19	20	20	20	20	20	19	17	15	14	13	13	12	11	17
15	11	11	11	11	10	10	10	13	16	19	20	20	21	21	21	20	19	18	17	16	16	16	15	15	16
16	15	16	16	16	17	17	17	19	21	23	24	24	24	23	23	23	22	22	22	21	21	21	21	21	20
17	20	20	20	20	21	21	21	21	21	22	22	22	22	22	22	22	23	23	23	23	23	23	23	22	22
18	21	20	20	19	18	18	18	17	17	18	17	17	18	19	19	19	18	16	15	14	13	13	13	12	17
19	12	12	12	12	12	12	12	14	16	18	19	20	20	20	20	19	18	17	17	16	15	15	16	16	16
20	16	16	16	16	17	16	16	17	17	19	20	21	21	18	17	16	15	15	15	14	14	14	14	13	16
21	13	13	12	12	12	12	12	12	13	15	15	16	17	17	17	16	16	15	14	13	12	12	11	11	14
22	11	11	10	10	10	10	10	12	14	15	16	17	18	19	19	19	18	17	15	15	15	15	15	14	14
23	13	12	11	11	11	10	10	11	12	14	15	16	16	16	16	15	15	12	11	10	9	8	7	7	12
24	6	6	5	5	4	4	4	5	7	11	12	12	13	13	13	12	12	11	10	9	8	7	7	6	8
25	5	5	4	4	3	3	3	5	9	11	12	13	14	15	16	16	15	13	11	11	11	10	10	10	10
26	9	9	9	8	8	7	7	9	12	14	16	17	17	18	18	19	18	16	15	13	13	13	12	12	13
27	11	11	11	10	10	10	9	10	13	16	18	19	20	20	19	18	17	15	14	13	12	11	11	11	14
28	11	10	10	10	9	9	9	11	13	14	16	17	18	19	19	18	16	15	14	13	12	11	11	11	13
29	10	9	9	8	8	9	8	10	14	16	18	20	21	21	21	20	18	16	15	14	14	14	14	13	14
30	13	13	13	12	13	13	13	15	18	20	22	23	23	23	23	22	21	19	18	17	17	16	16	16	17
31	15	14	15	14	14	14	14	16	18	20	22	23	23	24	24	24	23	20	19	19	18	17	17	16	18
Avg	14	14	14	13	13	13	13	15	17	18	19	20	21	21	20	20	19	18	17	16	16	15	15	15	16
S/D	4	4	4	4	5	5	5	4	4	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4
S/A	0.3	0.31	0.32	0.33	0.34	0.35	0.35	0.29	0.23	0.2	0.19	0.18	0.17	0.17	0.17	0.17	0.16	0.19	0.21	0.23	0.25	0.26	0.28	0.29	0.21
Min	5	5	4	4	3	3	3	5	7	11	12	12	13	13	13	12	12	11	10	9	8	7	7	6	8
Max	21	20	20	20	21	21	21	23	24	25	26	27	27	27	28	28	26	25	23	23	23	23	23	22	23

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: 6/1/95

**Relative Humidity
Hourly and Daily Averages
Percent**

Elizabeth City State Universit - October 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	97	94	93	94	93	94	94	83	67	53	47	44	43	43	42	46	52	58	65	72	81	89	83	85	71				
2	91	94	94	94	95	97	98	90	79	69	59	52	47	51	54	57	66	76	79	84	89	91	92	95	79				
3	97	98	99	99	99	100	99	95	87	74	67	63	58	54	52	52	66	71	78	79	84	89	92	96	81				
4	98	100	?	?	100	?	98	97	96	92	85	82	77	75	79	82	90	99	?	?	?	?	?	?	64	?			
5	?	?	?	?	100	?	100	100	?	99	97	96	94	88	90	91	88	82	80	81	85	88	92	91	93	95	76	?	
6	92	86	77	72	74	89	96	82	64	61	56	54	49	45	48	49	55	66	74	79	83	90	92	92	92	72	?		
7	91	98	99	?	?	98	?	95	90	88	78	71	70	68	68	66	65	65	71	75	79	78	83	91	95	74	?		
8	95	95	97	98	98	97	97	88	77	68	63	61	61	63	64	68	74	82	88	92	95	95	96	98	98	84	?		
9	98	98	100	?	?	?	?	98	?	87	76	67	57	57	56	57	63	66	70	78	76	82	88	92	95	65	?		
10	97	98	99	100	99	99	97	95	91	83	76	75	72	70	73	75	86	98	100	?	?	?	99	100	?	?	78	?	
11	?	?	?	?	?	?	?	?	99	?	97	92	82	81	86	96	99	95	94	98	98	98	99	95	85	62	?		
12	78	78	83	87	91	96	96	88	73	64	56	49	49	49	50	51	52	62	72	80	84	88	93	96	74	?			
13	98	99	99	100	100	100	?	100	?	99	98	94	85	80	79	76	80	88	93	95	98	99	?	?	?	?	77	?	
14	?	?	?	?	?	?	?	99	91	74	60	55	49	43	41	41	40	42	56	65	71	73	75	80	86	48	?		
15	84	81	80	81	84	87	89	82	74	67	63	62	62	64	67	69	74	82	87	93	97	98	99	?	?	?	76	?	
16	?	?	?	?	?	?	?	99	?	91	80	75	75	75	78	81	88	94	97	99	100	?	?	?	?	?	47	?	
17	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
18	?	?	?	?	100	?	97	92	87	87	78	73	68	63	58	52	50	54	61	67	78	82	81	83	86	62	?		
19	88	86	83	81	82	86	89	86	76	69	63	60	60	62	63	65	69	78	84	87	94	95	93	96	79	?	?		
20	98	99	100	100	?	100	?	?	100	?	98	93	89	89	91	98	100	?	?	?	?	?	?	?	?	?	52	?	
21	?	?	100	100	?	?	?	100	?	98	90	78	74	65	66	69	71	73	77	85	89	89	88	85	87	70	?		
22	88	90	91	91	90	91	91	80	70	65	56	45	43	44	46	48	55	64	71	72	74	75	76	81	71	?			
23	86	89	92	93	93	96	98	96	88	74	64	52	47	43	42	45	41	50	56	59	63	70	73	77	70	?			
24	79	81	84	87	89	91	92	86	81	65	54	53	50	51	52	53	55	64	73	78	82	84	89	93	74	?			
25	94	96	97	98	99	100	100	?	92	71	60	55	51	49	46	46	49	68	74	77	77	84	89	95	76	?			
26	93	92	95	96	97	98	99	93	79	64	55	49	46	44	44	43	47	55	63	73	80	81	82	82	73	?			
27	83	85	85	88	91	91	94	88	76	64	56	51	42	40	36	39	45	55	62	68	71	72	74	75	68	?			
28	79	84	90	93	96	92	88	83	76	65	62	60	58	56	56	63	73	83	89	93	96	97	97	97	80	?			
29	98	100	?	?	?	?	?	97	?	87	76	65	58	57	61	62	68	73	82	88	93	97	99	99	100	?	65	?	
30	?	?	?	?	?	?	?	98	?	91	84	77	70	67	65	66	69	73	82	83	85	87	91	95	96	57	?		
31	99	?	?	?	?	?	?	98	?	97	86	84	81	83	78	71	72	78	90	97	96	98	99	?	?	?	59	?	
Avg	91	92	92	93	94	95	96	91	83	74	68	63	61	61	62	63	67	75	80	83	85	88	89	91	70	?			
S D	7	7	7	7	7	4	4	6	10	11	12	13	14	16	17	17	16	14	12	10	9	8	8	7	9	?			
S/A	0.07	0.07	0.08	0.08	0.07	0.04	0.04	0.07	0.12	0.16	0.18	0.2	0.23	0.26	0.27	0.26	0.24	0.19	0.15	0.12	0.11	0.1	0.09	0.08	0.14	?			
Min	78	78	77	72	74	86	88	80	64	53	47	44	42	40	36	39	41	50	56	59	63	70	73	75	47	?			
Max	99	100	100	100	100	100	100	100	99	97	94	89	91	98	100	99	99	99	100	100	98	99	100	100	84	?			

Data Recovery: 0% missing; 18% 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:	6/1/95

Temperature (CR10)
Hourly and Daily Averages
Degrees Celsius

Elizabeth City State Universit - October 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	9	9	9	9	9	9	10	14	18	21	23	25	26	26	26	26	24	22	18	16	14	13	13	13	17
2	12	11	11	12	12	12	13	16	20	23	26	27	27	27	26	26	25	23	21	19	18	18	18	17	19
3	17	17	17	17	17	17	17	20	24	26	28	30	30	30	30	30	29	26	24	22	21	21	20	20	23
4	19	19	19	19	19	20	20	23	26	27	29	29	29	28	26	23	21	21	20	19	20	20	20	20	22
5	20	20	20	19	19	18	17	17	17	16	16	17	17	17	16	16	16	15	14	13	11	11	10	10	16
6	9	9	9	9	9	8	7	11	14	17	19	21	22	23	23	23	22	19	15	13	11	10	9	9	14
7	9	9	8	8	8	8	9	12	16	19	21	21	21	20	20	20	18	16	13	12	11	10	9	8	13
8	8	8	7	7	7	7	8	12	17	20	22	23	24	23	23	23	22	20	18	17	15	15	15	14	16
9	14	14	14	14	14	13	13	16	19	23	26	27	28	28	29	28	25	23	21	20	20	19	19	18	20
10	18	18	17	17	17	17	18	19	21	23	26	28	29	29	28	28	26	23	22	21	21	21	20	20	22
11	20	20	20	19	19	19	19	19	20	21	23	27	29	27	24	22	21	21	20	19	19	19	19	19	21
12	19	18	17	15	14	13	13	15	19	21	23	24	24	24	24	23	22	19	16	14	14	13	13	12	18
13	12	13	13	13	13	14	14	15	17	19	22	22	22	23	23	22	21	20	20	19	18	18	18	17	18
14	17	17	17	17	17	17	16	17	19	21	22	23	23	23	22	22	21	18	14	13	12	11	10	9	17
15	8	9	9	9	9	8	8	12	17	20	22	24	24	24	24	23	22	19	17	16	15	14	14	14	16
16	14	15	15	15	15	16	16	17	21	24	27	28	27	26	25	24	23	22	22	22	21	21	21	20	21
17	20	20	20	20	20	20	21	21	21	21	22	22	22	22	22	22	22	23	23	23	23	23	23	22	21
18	22	21	20	19	18	18	18	17	17	19	20	20	21	21	21	21	20	17	14	12	11	11	10	10	17
19	9	9	9	10	10	10	11	13	17	20	22	23	24	24	23	22	20	18	16	15	15	14	15	15	16
20	15	15	15	15	16	16	16	16	17	19	22	23	23	20	18	17	16	15	15	14	14	14	14	13	17
21	13	12	12	12	12	11	11	11	12	14	16	17	18	18	18	17	16	15	13	12	11	10	10	9	13
22	9	9	9	9	8	8	8	11	15	18	20	21	21	21	21	21	20	17	15	14	13	13	14	13	14
23	12	11	10	11	10	9	9	10	12	15	18	20	19	19	18	17	16	13	11	9	8	7	6	5	12
24	4	4	3	3	2	2	2	5	8	12	14	15	15	16	14	14	13	11	8	7	6	5	4	8	
25	4	3	3	2	2	2	1	4	8	12	15	17	18	18	19	18	17	14	10	9	9	8	8	7	10
26	7	6	7	6	6	5	5	8	12	15	17	19	20	20	20	20	19	16	14	12	11	10	10	9	12
27	9	9	9	8	8	8	7	10	13	17	20	22	23	22	22	21	19	16	13	12	10	10	9	9	14
28	9	9	8	8	7	7	7	10	13	16	18	20	22	22	22	21	19	16	13	12	10	10	10	9	13
29	9	8	7	7	7	7	7	9	14	18	21	23	24	24	24	22	20	17	15	13	12	12	12	12	14
30	11	11	11	11	11	12	12	14	18	21	24	26	26	26	26	25	23	20	18	17	16	15	14	14	18
31	14	13	14	13	13	13	13	15	16	20	23	26	26	26	26	26	25	21	18	18	17	16	15	15	18
Avg	13	12	12	12	12	12	12	14	17	19	21	23	23	23	23	22	21	19	16	15	14	14	14	13	17
S/D	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	5	5	4
S/A	0.38	0.39	0.4	0.41	0.42	0.43	0.43	0.32	0.24	0.19	0.17	0.16	0.16	0.16	0.16	0.17	0.16	0.19	0.23	0.27	0.3	0.32	0.34	0.37	0.22
Min	4	3	3	2	2	2	1	4	8	12	14	15	15	16	14	14	13	11	8	7	6	5	5	4	8
Max	22	21	20	20	20	20	21	23	26	27	29	30	30	30	30	30	29	26	24	23	23	23	23	22	23

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: 6/1/95

Wind Speed
Hourly and Daily Averages
Meters/Second
Elizabeth City State Universit - October 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	0	1	1	1	1	1	1	1	1	2	3	2	2	2	1	2	3	1	1	0	0	0	1	1	1
2	0	0	0	1	0	0	0	0	1	2	2	3	3	3	4	4	3	2	1	1	0	1	1	1	1
3	1	1	1	1	1	0	1	1	2	3	3	3	2	3	3	2	3	1	2	2	1	1	1	1	2
4	1	1	1	1	1	2	2	2	3	4	4	3	4	4	4	3	1	2	2	1	1	1	1	2	2
5	1	1	1	1	1	1	3	4	5	4	4	4	4	4	4	4	3	3	2	1	1	2	1	1	3
6	2	2	3	3	2	1	1	2	3	3	3	2	2	2	1	1	2	2	0	0	0	0	0	0	2
7	0	0	0	0	0	1	1	1	3	4	5	4	4	4	4	3	3	3	2	2	1	1	0	1	2
8	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	2	2	1	0	1	1	0	2
9	1	0	0	1	0	0	0	0	1	2	3	3	3	2	1	1	1	1	0	1	1	1	1	1	1
10	1	0	1	0	1	0	1	1	2	2	3	3	4	4	2	1	1	0	1	1	1	1	0	0	1
11	1	1	1	1	1	1	1	1	1	2	2	4	4	2	2	1	2	2	1	1	1	0	2	2	1
12	3	2	3	2	0	1	1	1	3	5	4	4	4	4	4	4	3	2	1	1	1	1	1	1	2
13	1	1	1	1	1	1	2	1	1	2	2	1	1	1	0	0	1	1	1	1	1	2	2	3	1
14	3	4	4	4	4	3	3	3	4	4	4	3	3	3	4	2	2	1	2	2	2	1	1	1	3
15	1	2	2	2	2	1	1	1	1	3	3	3	3	3	4	3	3	2	1	1	1	1	1	1	2
16	1	1	2	1	1	1	1	1	3	4	4	4	3	4	3	3	3	2	2	2	2	2	1	0	2
17	1	1	1	1	2	2	2	3	3	3	2	2	2	2	2	2	1	2	2	2	1	2	2	3	2
18	4	6	6	6	6	5	5	5	3	5	5	4	4	3	4	3	3	1	1	0	0	0	0	0	3
19	0	0	1	1	1	1	1	1	1	2	2	2	2	3	3	3	2	2	1	0	0	0	0	0	1
20	0	0	0	0	0	0	0	1	1	0	1	1	2	3	3	3	2	3	3	3	2	2	2	2	1
21	2	2	2	1	1	1	1	1	3	3	3	3	3	3	3	2	1	1	0	0	1	1	1	1	2
22	1	1	1	1	1	0	0	0	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1	2
23	1	1	0	0	0	0	0	1	2	2	2	2	3	3	4	3	3	2	2	2	2	1	1	1	2
24	1	1	1	1	1	1	1	2	1	2	4	4	4	4	4	3	3	2	1	1	1	1	0	0	2
25	1	1	1	1	1	0	0	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
26	0	1	1	1	0	0	0	1	2	4	3	3	4	4	3	3	2	2	1	1	1	1	1	1	2
27	1	1	2	1	1	1	0	1	1	2	2	3	4	4	4	3	3	2	1	1	1	1	2	2	2
28	2	1	1	1	1	1	1	1	2	3	2	2	1	1	1	2	3	1	1	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	3	2	2	1	1	0	0	0	0	1
30	0	0	0	0	0	0	1	0	1	2	3	3	3	3	4	3	2	1	1	1	0	0	0	0	1
31	0	1	0	0	1	0	0	0	0	1	1	1	2	2	2	2	1	0	0	1	0	0	0	0	1
Avg	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	2	2	1	1	1	1	1	1	2
S/D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
S/A	0.9	1.03	1.05	0.99	0.93	1.05	1.04	0.86	0.53	0.41	0.38	0.38	0.33	0.33	0.37	0.38	0.36	0.41	0.46	0.63	0.63	0.63	0.67	0.85	0.33
Min	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	1
Max	4	6	6	6	6	5	5	5	5	5	5	4	4	4	4	4	3	3	3	3	2	2	2	3	3

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: 6/1/95

Wind Direction
Hourly and Daily Averages
Degrees
Elizabeth City State Universit - October 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	302	310	327	326	334	319	336	335	37	66	48	67	97	112	127	177	192	163	149	138	85	172	178	193	96
2	188	188	199	216	216	234	228	217	225	229	164	171	171	133	132	135	132	156	196	163	147	181	201	183	162
3	173	176	183	189	185	178	189	226	232	223	219	230	183	178	202	210	138	129	174	169	171	202	184	190	191
4	187	158	160	153	180	194	188	196	220	222	229	220	184	176	173	194	292	119	181	154	155	219	237	256	196
5	260	261	289	316	332	342	16	17	19	11	19	4	13	354	23	17	26	25	32	18	18	12	26	15	9
6	19	25	21	15	9	313	322	324	17	13	14	32	77	50	10	287	209	169	140	145	150	150	0	170	16
7	0	223	258	311	309	331	335	345	12	67	52	66	61	77	68	87	83	72	59	49	34	52	16	19	57
8	24	27	339	14	16	18	34	52	85	110	117	107	115	109	141	136	110	118	121	124	138	148	157	158	107
9	158	161	144	142	139	328	328	257	197	224	200	187	209	225	212	181	132	135	144	173	176	167	179	183	188
10	175	189	185	183	162	151	161	166	170	189	208	218	226	217	218	240	301	186	223	289	258	236	231	265	213
11	283	286	264	256	248	241	232	244	258	301	309	310	350	311	360	28	20	15	58	42	52	40	46	33	334
12	30	16	17	28	40	329	12	21	67	76	79	93	74	75	72	73	76	55	24	10	12	26	17	23	57
13	47	46	46	50	36	40	52	25	59	88	102	102	90	69	125	123	145	293	177	206	253	266	264	254	63
14	251	272	277	272	283	290	304	318	353	331	337	346	348	19	16	30	44	49	45	29	51	12	10	345	331
15	12	8	356	19	24	19	20	39	41	85	95	88	96	94	85	80	85	83	60	59	32	32	43	46	64
16	33	48	60	42	40	44	36	58	81	86	91	98	81	79	67	74	84	78	80	89	83	76	70	71	75
17	75	65	96	83	90	101	92	100	92	89	96	94	81	65	62	97	76	183	100	116	63	58	31	39	85
18	10	8	2	347	341	341	319	315	344	342	341	346	358	347	20	20	4	11	13	0	17	10	345	339	350
19	323	356	14	19	16	19	18	18	41	76	79	59	74	63	92	81	69	87	83	75	325	65	62	31	62
20	57	323	0	173	246	322	342	38	40	79	101	38	16	357	12	11	19	42	38	40	24	22	5	356	23
21	4	24	23	358	21	5	351	9	27	35	45	36	59	49	50	40	41	23	7	11	357	353	358	347	29
22	358	357	339	346	345	337	325	356	327	300	315	279	278	267	271	250	250	217	226	226	240	235	264	274	272
23	284	290	306	277	297	290	293	296	286	313	304	309	336	287	308	311	320	304	314	305	309	306	292	286	306
24	284	293	286	300	302	300	299	314	318	3	346	7	323	326	318	324	326	333	308	298	291	301	297	289	324
25	304	303	298	305	299	321	312	319	14	7	328	316	291	276	263	260	251	219	209	190	192	187	186	207	286
26	229	247	231	231	227	222	224	235	245	258	241	232	239	234	241	243	228	235	219	212	206	239	234	231	237
27	241	228	245	226	258	275	289	328	356	23	26	34	18	17	29	41	49	45	29	25	7	10	359	2	15
28	13	346	341	350	346	344	357	11	8	18	27	54	73	58	76	63	66	53	58	26	7	13	23	32	28
29	346	0	339	350	351	3	0	16	30	27	44	87	92	106	101	94	96	88	93	96	100	54	53	41	83
30	25	23	20	34	43	38	40	46	77	79	101	108	129	129	138	118	105	99	97	111	109	74	76	50	107
31	16	38	30	353	37	180	147	145	0	97	108	122	92	109	186	188	179	165	161	174	168	166	0	0	137
Avg	352	349	346	349	343	339	350	347	17	33	47	53	58	64	66	75	72	80	91	89	50	357	339	343	35

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: 6/1/95

Peak Wind Speed
Hourly and Daily Averages
Meters/Second
Elizabeth City State Universit - October 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	1	1	2	1	1	1	2	2	3	4	4	3	4	3	2	3	4	2	2	1	1	1	1	1	2
2	0	1	1	1	1	0	0	1	2	3	4	5	4	5	6	6	5	2	2	2	1	2	2	1	2
3	2	2	1	2	2	1	1	1	3	4	6	4	4	5	4	3	4	2	3	3	2	3	2	2	3
4	1	1	2	2	2	3	3	3	6	6	6	4	6	6	6	5	2	4	3	2	2	3	2	2	3
5	2	2	3	3	2	3	5	6	8	7	6	6	6	6	6	6	5	4	3	2	2	3	2	2	4
6	3	4	4	5	4	2	2	3	5	5	4	3	3	3	3	2	3	2	1	0	0	0	0	0	3
7	0	0	0	0	1	2	1	3	4	6	7	7	6	6	6	5	4	4	3	3	2	1	1	1	3
8	2	1	1	1	1	1	2	2	3	4	5	5	5	5	5	5	5	3	3	1	1	1	1	1	3
9	1	0	0	1	1	0	0	0	1	3	4	5	4	3	3	2	2	2	1	2	2	2	2	1	2
10	1	0	1	0	1	1	1	1	3	4	5	6	6	6	3	2	3	0	2	1	1	1	0	1	2
11	1	2	1	2	2	2	1	2	2	3	5	6	7	4	4	3	4	3	2	2	2	1	3	4	3
12	4	4	4	2	1	1	2	3	5	7	7	6	7	6	6	6	4	2	2	2	2	2	2	1	4
13	2	2	2	2	2	2	2	1	2	3	4	2	1	2	1	1	1	1	2	1	2	3	3	4	2
14	5	6	6	6	6	5	5	5	7	7	6	5	6	6	6	4	4	2	2	3	3	2	1	1	5
15	2	3	3	3	2	2	1	2	2	4	5	5	5	5	5	5	5	3	2	2	2	2	2	2	3
16	2	2	2	2	2	2	2	2	5	6	6	5	5	5	5	5	4	4	4	3	3	2	2	1	3
17	1	1	2	2	3	3	4	4	4	4	5	4	4	4	4	3	2	4	3	4	2	3	3	4	3
18	7	9	10	10	10	10	10	9	7	9	8	8	7	6	7	5	5	2	2	0	0	1	0	1	6
19	1	1	2	3	3	3	2	2	3	4	4	4	4	5	5	5	4	3	2	1	0	1	1	0	3
20	0	0	0	0	0	1	1	2	3	2	2	2	3	5	6	5	4	5	5	5	5	4	3	4	3
21	4	5	4	3	3	2	3	3	5	6	6	5	5	5	5	4	3	2	1	2	2	2	2	2	3
22	2	2	2	2	2	1	1	2	3	3	3	4	4	4	4	4	4	2	3	3	3	4	4	2	3
23	2	2	1	1	1	1	1	3	4	4	3	4	6	6	7	6	6	4	4	4	4	3	3	2	3
24	2	2	2	2	2	2	3	4	3	4	7	7	7	7	7	6	5	3	1	1	1	2	1	1	4
25	2	2	2	2	2	1	0	2	4	4	2	3	3	3	3	2	2	2	1	1	2	1	1	1	2
26	1	2	2	1	1	1	0	2	4	6	5	5	6	6	5	4	3	2	2	2	1	1	2	2	3
27	2	2	2	2	2	2	1	3	3	4	4	5	6	6	6	6	4	3	2	2	2	2	2	2	3
28	3	2	3	2	2	2	2	3	4	4	4	3	3	3	2	3	4	2	1	1	1	1	1	1	2
29	0	0	0	0	0	0	0	0	1	2	3	3	4	3	3	4	3	2	2	1	1	1	1	1	1
30	0	0	0	1	1	1	1	1	2	3	4	5	5	5	5	4	3	2	2	2	2	0	1	0	2
31	1	1	1	1	1	1	1	0	0	1	1	2	3	3	4	3	2	0	1	1	1	0	0	0	1
Avg	2	2	2	2	2	2	2	2	4	4	5	5	5	5	5	4	4	3	2	2	2	2	2	2	3
S/D	1	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1
S/A	0.8	0.92	0.94	0.93	0.84	0.95	0.95	0.72	0.48	0.39	0.33	0.34	0.3	0.29	0.34	0.33	0.31	0.38	0.41	0.57	0.56	0.54	0.58	0.73	0.32
Min	0	0	0	0	0	0	0	0	0	1	1	2	1	2	1	1	1	0	1	0	0	0	0	0	1
Max	7	9	10	10	10	10	10	9	8	9	8	8	7	7	7	6	6	5	5	5	5	4	4	4	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 WSP
Calibration Date: 6/1/95

Station Pressure
Hourly and Daily Averages
Millibars
Elizabeth City State Universit - October 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	1014	1014	1014	1014	1015	1016	1016	1017	1017	1017	1017	1017	1016	1016	1016	1016	1016	1016	1016	1017	1018	1018	1018	1019	1016
2	1019	1019	1019	1019	1019	1020	1020	1021	1021	1022	1022	1021	1021	1020	1020	1020	1020	1020	1020	1021	1021	1022	1022	1022	1020
3	1022	1022	1021	1022	1022	1022	1023	1024	1024	1024	1024	1023	1022	1021	1021	1021	1020	1021	1021	1021	1021	1021	1021	1021	1022
4	1021	1021	1020	1019	1019	1019	1019	1019	1019	1018	1018	1017	1016	1015	1014	1014	1014	1014	1014	1014	1014	1014	1014	1014	1017
5	1014	1013	1013	1013	1013	1014	1014	1015	1015	1016	1016	1016	1016	1015	1015	1016	1016	1016	1017	1017	1017	1018	1017	1017	1015
6	1017	1017	1017	1017	1018	1018	1019	1019	1020	1020	1020	1019	1018	1018	1017	1018	1018	1018	1019	1019	1020	1020	1020	1020	1019
7	1020	1020	1020	1021	1021	1022	1023	1024	1024	1025	1026	1026	1026	1026	1026	1026	1026	1026	1026	1027	1027	1028	1028	1028	1025
8	1028	1028	1027	1027	1027	1028	1028	1028	1029	1029	1029	1029	1028	1027	1027	1026	1026	1026	1026	1026	1026	1026	1025	1025	1027
9	1025	1024	1024	1023	1024	1024	1024	1025	1025	1025	1024	1024	1023	1022	1022	1022	1021	1021	1022	1022	1022	1022	1021	1021	1023
10	1020	1020	1020	1019	1019	1019	1019	1019	1020	1019	1019	1018	1017	1016	1016	1015	1015	1015	1016	1016	1017	1017	1016	1016	1018
11	1016	1016	1015	1015	1016	1016	1016	1017	1017	1017	1017	1016	1016	1016	1016	1016	1017	1018	1018	1018	1019	1020	1020	1021	1017
12	1021	1021	1021	1021	1022	1022	1023	1024	1024	1025	1025	1025	1024	1024	1023	1023	1023	1023	1023	1023	1023	1022	1022	1021	1023
13	1021	1021	1020	1020	1020	1019	1019	1019	1019	1018	1018	1017	1016	1015	1014	1013	1012	1012	1011	1010	1010	1010	1010	1009	1016
14	1009	1009	1009	1009	1009	1010	1011	1012	1013	1013	1013	1014	1014	1014	1015	1015	1016	1017	1018	1019	1019	1020	1020	1020	1014
15	1020	1020	1020	1020	1021	1021	1022	1022	1023	1023	1023	1023	1022	1022	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021
16	1020	1020	1020	1019	1019	1019	1020	1020	1020	1020	1020	1019	1018	1017	1017	1016	1016	1016	1016	1016	1016	1016	1015	1015	1018
17	1014	1013	1013	1013	1012	1012	1012	1011	1011	1010	1009	1008	1006	1005	1003	1003	1002	1001	1000	999	998	997	996	995	1006
18	994	993	993	995	997	999	1001	1004	1006	1008	1009	1010	1011	1011	1012	1013	1014	1015	1016	1017	1018	1019	1019	1019	1008
19	1020	1020	1020	1021	1021	1022	1022	1023	1024	1024	1024	1024	1023	1023	1023	1023	1023	1023	1023	1023	1022	1022	1022	1021	1022
20	1020	1020	1019	1019	1019	1019	1019	1019	1018	1018	1018	1017	1017	1016	1016	1016	1016	1017	1017	1017	1017	1018	1017	1017	1018
21	1017	1017	1017	1017	1017	1017	1017	1017	1018	1018	1018	1017	1017	1016	1015	1015	1015	1015	1015	1015	1014	1014	1013	1012	1016
22	1012	1011	1010	1010	1009	1009	1009	1008	1008	1008	1007	1005	1004	1003	1002	1001	1000	1000	1000	999	1000	1000	1000	1000	1005
23	1000	1000	1000	1000	1001	1001	1002	1002	1003	1003	1003	1003	1003	1003	1004	1004	1005	1006	1007	1008	1008	1009	1009	1009	1004
24	1009	1009	1009	1009	1010	1011	1011	1012	1013	1013	1014	1013	1013	1013	1013	1014	1014	1015	1015	1016	1017	1018	1018	1018	1013
25	1019	1019	1019	1020	1020	1021	1022	1023	1024	1024	1024	1024	1023	1022	1022	1022	1022	1022	1022	1023	1023	1023	1023	1023	1022
26	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	1021	1020	1019	1018	1018	1017	1017	1017	1017	1017	1018	1017	1017	1017	1020
27	1017	1017	1016	1016	1017	1017	1017	1018	1019	1019	1019	1019	1018	1018	1019	1020	1020	1021	1022	1022	1023	1023	1023	1023	1019
28	1023	1023	1023	1023	1024	1025	1025	1026	1026	1027	1027	1027	1026	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025	1025
29	1025	1025	1025	1025	1025	1025	1025	1026	1026	1027	1027	1026	1025	1025	1025	1025	1025	1025	1025	1025	1026	1026	1026	1026	1025
30	1025	1025	1025	1025	1026	1026	1026	1027	1027	1028	1028	1027	1027	1026	1026	1026	1026	1026	1027	1027	1027	1027	1027	1027	1026
31	1027	1026	1026	1026	1026	1026	1026	1026	1027	1026	1026	1025	1024	1023	1022	1022	1022	1022	1022	1022	1022	1022	1021	1024	
Avg	1018	1018	1017	1017	1018	1018	1018	1019	1019	1019	1019	1019	1018	1018	1018	1018	1018	1018	1018	1018	1018	1019	1018	1018	1018
S D	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	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	
Min	994	993	993	995	997	999	1001	1002	1003	1003	1003	1003	1003	1003	1002	1001	1000	1000	999	998	997	996	995	1004	
Max	1028	1028	1027	1027	1027	1028	1028	1028	1029	1029	1029	1029	1028	1027	1027	1026	1026	1026	1027	1027	1027	1028	1028	1028	1027

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: 6/1/95