

Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Univ. - April 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	1	84 ?	341	506	689	820	901	910	844	718	524	352	125	6	0	0	0	0	0	6821
2	0	0	0	0	0	0	50	193	408	401	179	235	227	231	184	139	82	25	1	0	0	0	0	0	2357
3	0	0	0	0	0	0	75	211	262	460	458	576	733	715	578	478	260	116	6	0	0	0	0	0	4928
4	0	0	0	0	0	1	24	50	413	139	123	113	99	302	160	44	66	19	2	0	0	0	0	0	1555
5	0	0	0	0	0	2	99	310	535	727	860	940	942	874	745	566	355	136	6	0	0	0	0	0	7097
6	0	0	0	0	0	3	98	302	512	691	822	897	900	837	713	539	328	121	8	0	0	0	0	0	6771
7	0	0	0	0	0	3	91	281	488	674	814	893	895	837	719	541	338	133	9	0	0	0	0	0	6715
8	0	0	0	0	0	3	79	289	506	694	823	895	773	784	679	528	312	85	8	0	0	0	0	0	6457
9	0	0	0	0	0	3	111	325	553	749	888	966	973	904	770	586	368	147	11	0	0	0	0	0	7355
10	0	0	0	0	0	5	108	314	528	713	847	910	896	824	703	532	343	133	9	0	0	0	0	0	6864
11	0	0	0	0	0	2	46	229	386	703	834	903	846	776	532	387	330	169	11	0	0	0	0	0	6155
12	0	0	0	0	0	1	31	56	69	107	309	568	278	132	121	403	318	126	8	0	0	0	0	0	2527
13	0	0	0	0	0	0	16	43	87	100	187	188	206	148	128	140	37	17	1	0	0	0	0	0	1299
14	0	0	0	0	0	1	26	40	89	105	136	289	172	134	139	99	52	21	3	0	0	0	0	0	1304
15	0	0	0	0	0	1	9	31	56	118	213	134	66	44	130	104	107	64	9	0	0	0	0	0	1087
16	0	0	0	0	0	3	52	87	135	226	269	420	520 ?	785	537	502	337	124	16	0	0	0	0	0	4013
17	0	0	0	0	0	11	121	331	536	709	767	910	887	543	676	590	352	88	4	0	0	0	0	0	6524
18	0	0	0	0	0	6	115	283	176	456	223	108	126	142	119	64	28	21	3	0	0	0	0	0	1871
19	0	0	0	0	0	1	13	36	66	99	91	129	174	153	158	107	72	37	7	0	0	0	0	0	1142
20	0	0	0	0	0	13	115	288	519	743	860	926	933	864	636	598	317	99	13	0	0	0	0	0	6923
21	0	0	0	0	0	9	70	146	231	497	718	722	911	774	610	520	332	143	29	0	0	0	0	0	5713
22	0	0	0	0	0	2	11	72	85	178	221	203	170	161	359	277	247	82	9	0	0	0	0	0	2077
23	0	0	0	0	0	17	151	364	571	742	809	647	451	735	547	384	392	107	12	0	0	0	0	0	5930
24	0	0	0	0	0	24	149	368	579	729	839	568	565	688	588	335	155	49	5	0	0	0	0	0	5642
25	0	0	0	0	0	1	9	20	43	73	85	114	111	58	41	67	29	24	8	0	0	0	0	0	681
26	0	0	0	0	0	5	42	158	170	185	463	658 ?	785	821	681	612	379	165	25	0	0	0	0	0	5150
27	0	0	0	0	0	10	17	72	130	122	117	150	266	686	254	232	183	121	20	0	0	0	0	0	2379
28	0	0	0	0	0	29	126	385 ?	409	346	227	194	138	110	102	90	48	20	1	0	0	0	0	0	2226
29	0	0	0	0	0	24	170	370	522	740	633	603	332	702	403	336	284	179	22	0	0	0	0	0	5320
30	0	0	0	0	0	27	173	380	582	760	896	968	972	869	747	586	388	179	27	0	0	0	0	0	7552
Avg	0	0	0	0	0	7	76	212	339	456	518	558	542	549	449	364	240	96	10	0	0	0	0	0	4414
S D	0	0	0	0	0	9	50	129	199	269	312	327	340	316	254	200	130	53	8	0	0	0	0	0	2349
S/A	0	0	0	0	0	1.24	0.66	0.61	0.59	0.59	0.6	0.59	0.63	0.58	0.56	0.55	0.54	0.55	0.76	0	0	0	0	0	0.53
Min	0	0	0	0	0	0	9	20	43	73	85	108	66	44	41	44	28	17	1	0	0	0	0	0	681
Max	0	0	0	0	0	29	173	385	582	760	896	968	973	904	770	612	392	179	29	0	0	0	0	0	7552

Daylight Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 4716 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. - April 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	6	351 ?	723	825	888	906	907	900	853	799	602	645	448	53	0	0	0	0	0	8906
2	0	0	0	0	0	0	10	100	294	56	3	5	4	3	3	1	1	0	0	0	0	0	0	0	480
3	0	0	0	0	0	0	50	76	39	319	97	176	367	467	361	470	264	167	2	0	0	0	0	0	2853
4	0	0	0	0	0	0	2	1	209	10	4	4	4	7	2	1	1	0	0	0	0	0	0	0	244
5	0	0	0	0	0	22	438	718	836	881	911	926	915	896	859	802	708	489	32	0	0	0	0	0	9431
6	0	0	0	0	0	17	408	682	775	822	851	854	854	835	798	730	574	310	25	0	0	0	0	0	8534
7	0	0	0	0	0	10	304	593	735	807	840	853	842	838	826	759	662	465	63	0	0	0	0	0	8598
8	0	0	0	0	0	1	154	549	705	796	811	773	517	615	676	660	453	83	8	0	0	0	0	0	6801
9	0	0	0	0	0	6	415	684	827	905	939	955	958	934	899	841	721	494	74	0	0	0	0	0	9653
10	0	0	0	0	0	21	352	613	719	798	834	810	744	709	633	642	613	387	53	0	0	0	0	0	7928
11	0	0	0	0	0	0	1	99	293	774	803	816	671	556	268	180	429	310	4	0	0	0	0	0	5205
12	0	0	0	0	0	0	1	1	1	1	21	71	5	1	1	205	384	181	2	0	0	0	0	0	876
13	0	0	0	0	0	0	1	0	1	1	2	1	2	1	2	3	2	2	1	0	0	0	0	0	18
14	0	0	0	0	0	0	0	0	1	0	2	6	2	2	1	1	0	0	0	0	0	0	0	0	16
15	0	0	0	0	0	0	0	1	0	2	2	0	0	0	1	1	2	1	2	0	0	0	0	0	12
16	0	0	0	0	0	0	1	1	3	6	5	27	55 ?	348	359	453	461	199	58	0	0	0	0	0	1976
17	0	0	0	0	0	10	224	598	699	756	573	786	664	135	559	587	515	86	1	0	0	0	0	0	6193
18	0	0	0	0	0	0	55	176	15	176	5	1	1	1	0	0	0	1	1	0	0	0	0	0	432
19	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	9
20	0	0	0	0	0	6	181	232	484	813	829	837	836	795	471	580	364	69	5	0	0	0	0	0	6504
21	0	0	0	0	0	1	6	26	59	215	368	399	692	493	420	537	448	282	17	0	0	0	0	0	3963
22	0	0	0	0	0	0	0	3	1	2	4	2	2	2	22	10	206	16	0	0	0	0	0	0	270
23	0	0	0	0	0	61	392	590	672	694	587	253	48	335	231	182	428	84	4	0	0	0	0	0	4561
24	0	0	0	0	0	40	416	593	724	686	587	63	52	293	328	50	2	0	0	0	0	0	0	0	3834
25	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
26	0	0	0	0	0	0	0	1	1	1	25	170 ?	370	524	456	626	556	340	75	0	0	0	0	0	3147
27	0	0	0	0	0	1	1	0	2	0	0	0	9	150	28	39	53	78	2	0	0	0	0	0	363
28	0	0	0	0	0	24	230	611 ?	110	23	2	2	1	0	0	1	1	0	0	0	0	0	0	0	1007
29	0	0	0	0	0	69	386	558	640	631	323	204	53	388	80	101	249	311	5	0	0	0	0	0	3998
30	0	0	0	0	0	84	422	609	686	759	828	858	842	654	582	612	632	462	119	0	0	0	0	0	8151
Avg	0	0	0	0	0	13	160	295	345	394	372	359	347	361	322	323	312	176	20	0	0	0	0	0	3799
S D	0	0	0	0	0	22	175	296	339	377	385	387	377	336	316	307	263	179	31	0	0	0	0	0	3416
S/A	0	0	0	0	0	1.72	1.09	1	0.98	0.96	1.03	1.08	1.09	0.93	0.98	0.95	0.84	1.02	1.51	0	0	0	0	0	0.9
Min	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Max	0	0	0	0	0	84	438	723	836	905	939	955	958	934	899	841	721	494	119	0	0	0	0	0	9653

Daylight Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 4716 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. - April 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	1	24 ?	55	61	69	76	88	94	110	115	155	98	41	4	0	0	0	0	0	993
2	0	0	0	0	0	0	45	150	235	343	158	207	202	203	163	123	72	22	1	0	0	0	0	0	1923
3	0	0	0	0	0	0	63	175	232	223	363	390	374	296	286	188	141	79	6	0	0	0	0	0	2816
4	0	0	0	0	0	0	21	44	276	129	109	98	87	267	138	39	58	16	1	0	0	0	0	0	1283
5	0	0	0	0	0	2	32	57	72	87	92	92	96	95	91	82	65	38	4	0	0	0	0	0	904
6	0	0	0	0	0	2	34	59	77	90	98	106	104	101	98	89	80	52	7	0	0	0	0	0	998
7	0	0	0	0	0	2	41	68	77	80	93	99	106	99	86	79	64	39	5	0	0	0	0	0	939
8	0	0	0	0	0	2	47	79	99	102	125	174	272	223	142	113	110	62	8	0	0	0	0	0	1556
9	0	0	0	0	0	3	42	71	79	81	84	82	80	83	79	72	65	44	7	0	0	0	0	0	872
10	0	0	0	0	0	4	47	83	111	118	124	149	183	181	199	130	82	50	6	0	0	0	0	0	1468
11	0	0	0	0	0	1	40	175	195	119	128	132	196	264	307	275	143	99	10	0	0	0	0	0	2085
12	0	0	0	0	0	1	27	50	61	94	263	460	245	119	108	257	149	83	7	0	0	0	0	0	1924
13	0	0	0	0	0	0	14	37	76	88	164	164	181	129	112	123	32	15	1	0	0	0	0	0	1136
14	0	0	0	0	0	1	22	35	78	92	118	255	150	117	121	86	45	18	2	0	0	0	0	0	1142
15	0	0	0	0	0	1	8	27	49	103	187	118	58	39	114	92	93	56	9	0	0	0	0	0	954
16	0	0	0	0	0	3	45	76	118	199	234	358	406 ?	423	251	210	137	84	12	0	0	0	0	0	2555
17	0	0	0	0	0	9	62	95	109	130	246	156	231	383	225	214	122	62	4	0	0	0	0	0	2048
18	0	0	0	0	0	5	95	215	150	317	194	94	110	124	105	56	25	18	3	0	0	0	0	0	1511
19	0	0	0	0	0	1	11	32	58	87	80	114	152	134	137	93	63	32	6	0	0	0	0	0	999
20	0	0	0	0	0	12	76	186	209	115	116	121	124	138	244	227	153	76	11	0	0	0	0	0	1807
21	0	0	0	0	0	8	61	127	171	313	367	320	234	310	268	178	130	72	25	0	0	0	0	0	2584
22	0	0	0	0	0	2	10	62	74	154	192	176	147	140	300	244	144	72	8	0	0	0	0	0	1725
23	0	0	0	0	0	11	58	87	113	147	230	365	394	388	330	249	190	80	11	0	0	0	0	0	2654
24	0	0	0	0	0	14	62	92	106	162	282	468	481	390	289	293	136	42	5	0	0	0	0	0	2823
25	0	0	0	0	0	1	8	17	37	63	74	99	96	50	35	58	25	21	6	0	0	0	0	0	590
26	0	0	0	0	0	5	36	135	146	159	410	438 ?	399	306	293	200	118	79	19	0	0	0	0	0	2744
27	0	0	0	0	0	8	15	62	112	105	102	130	222	489	213	188	148	90	18	0	0	0	0	0	1902
28	0	0	0	0	0	25	73	122 ?	328	301	197	168	120	94	87	78	41	18	1	0	0	0	0	0	1654
29	0	0	0	0	0	17	72	115	150	234	333	379	269	328	315	254	169	98	20	0	0	0	0	0	2753
30	0	0	0	0	0	18	69	103	135	141	126	117	135	255	259	179	87	55	15	0	0	0	0	0	1695
Avg	0	0	0	0	0	5	42	90	127	148	179	204	198	209	184	154	100	54	8	0	0	0	0	0	1701
SD	0	0	0	0	0	6	23	50	70	79	94	125	112	122	88	74	45	26	6	0	0	0	0	0	674
S/A	0	0	0	0	0	1.18	0.55	0.56	0.56	0.53	0.53	0.61	0.56	0.58	0.48	0.48	0.45	0.49	0.75	0	0	0	0	0	0.4
Min	0	0	0	0	0	0	8	17	37	63	74	82	58	39	35	39	25	15	1	0	0	0	0	0	590
Max	0	0	0	0	0	25	95	215	328	343	410	468	481	489	330	293	190	99	25	0	0	0	0	0	2823

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 4716 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. - April 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	5	5	4	4	4	4	4	7	10	14	16	16	17	18	18	17	18	17	14	14	13	12	12	11	11
2	11	11	11	11	11	11	12	14	16	18	18	18	18	19	19	19	20	19	19	18	18	18	18	18	16
3	18	18	17	17	17	17	17	18	20	20	22	23	24	26	26	26	24	23	21	21	20	19	19	19	20
4	19	19	19	20	20	20	20	20	22	21	20	20	20	21	22	20	20	19	17	15	14	13	12	11	19
5	10	9	7	6	6	5	5	6	7	8	9	10	11	13	13	14	14	14	13	12	11	10	11	11	10
6	10	10	9	9	9	9	10	13	14	16	19	21	22	23	24	25	25	24	23	21	18	17	17	16	17
7	16	15	15	14	14	13	14	17	19	21	21	23	23	23	24	27	26	25	23	21	20	19	18	18	19
8	17	17	16	16	16	16	17	18	19	21	23	24	24	25	25	24	23	22	20	14	11	10	10	9	18
9	7	6	5	5	5	5	5	6	6	8	9	10	11	12	12	13	13	13	13	12	11	10	10	10	9
10	9	9	8	8	8	8	9	11	13	16	18	19	20	21	21	22	22	22	20	17	16	15	15	14	15
11	14	13	14	13	13	13	14	15	17	18	20	21	22	23	23	23	23	22	20	20	19	19	19	18	18
12	18	18	18	18	17	17	17	17	18	17	17	20	20	18	16	16	15	14	13	12	11	11	11	11	16
13	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	8	9	9	8	9	9
14	9	10	10	10	10	10	10	10	11	12	12	14	14	14	14	14	14	14	14	14	14	14	14	16	12
15	17	17	17	16	17	17	16	17	17	18	18	19	19	18	18	18	18	19	19	19	18	18	18	18	18
16	18	18	17	17	17	17	17	17	17	18	18	19	21	22	23	23	23	23	23	20	18	17	17	17	19
17	17	16	16	16	15	14	15	19	20	22	23	23	22	22	22	22	21	20	19	18	19	18	17	17	19
18	17	17	17	17	17	16	17	18	17	18	18	17	16	15	14	13	12	12	11	11	11	10	10	10	15
19	10	10	10	10	9	10	10	10	10	10	10	10	10	11	11	11	12	12	12	11	11	11	10	10	10
20	9	9	9	8	8	7	8	11	12	15	16	17	18	19	19	18	18	16	14	12	12	12	12	13	13
21	14	14	15	15	16	16	17	18	19	21	22	23	24	25	25	25	24	23	22	20	17	15	15	14	19
22	14	14	14	14	14	13	13	12	12	12	12	13	13	14	14	15	15	15	14	14	14	14	13	13	14
23	13	13	12	12	11	11	11	13	15	16	16	17	17	18	19	19	19	19	17	15	14	13	13	12	14
24	11	11	10	9	8	8	10	14	16	17	18	18	18	19	19	19	18	15	14	14	13	13	12	12	14
25	12	12	12	12	12	11	12	12	12	12	12	11	11	11	11	10	10	10	9	9	8	8	8	8	11
26	8	8	8	9	9	9	9	9	10	10	10	11	13	13	13	12	11	11	9	9	8	8	8	8	10
27	8	8	8	8	7	7	8	8	9	10	10	10	11	12	13	12	13	13	12	11	11	10	10	10	10
28	10	9	9	9	9	9	11	13	15	16	15	15	15	14	14	14	14	13	12	12	12	11	11	11	12
29	11	11	11	11	10	10	10	12	14	15	16	17	16	17	17	18	18	17	15	13	13	12	11	11	14
30	11	11	11	11	11	10	11	13	16	18	20	21	22	23	24	22	22	21	18	16	15	14	13	12	16
Avg	12	12	12	12	12	11	12	13	14	15	16	17	17	18	18	18	18	17	16	15	14	13	13	13	15
S/D	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	4	4	4	3	3	3	4
S/A	0.3	0.31	0.33	0.34	0.35	0.36	0.34	0.31	0.29	0.27	0.27	0.27	0.26	0.26	0.27	0.28	0.27	0.27	0.26	0.26	0.26	0.25	0.25	0.26	0.24
Min	5	5	4	4	4	4	4	6	6	8	9	9	9	9	9	9	9	9	9	8	8	8	8	8	9
Max	19	19	19	20	20	20	20	20	22	22	23	24	24	26	26	27	26	25	23	21	20	19	19	19	20

Data Recovery: 0% missing; 0% failed QC -- 8640 total 5-minute measurements.

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

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

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

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

**Relative Humidity
Hourly and Daily Averages
Percent
Elizabeth City State Univ. - April 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	93	97	99	98	99	100 ?	98 ?	93	79	52	39	36	33	35	35	35	34	39	51	54	58	72	79	85	66
2	89	94	96	97	97	98	96	90	80	73	74	72	70	69	70	70	65	67	74	78	81	84	85	87	82
3	87	88	90	91	94	95	95	92	87	91	82	75	70	67	65	66	68	72	80	84	85	90	92	94	83
4	93	92	90	88	90	90	91	92	87	85	82	77	73	67	59	62	67	70	68	67	67	50	47	46	75
5	51	52	57	60	63	67	66	55	42	34	34	32	32	31	31	31	30	30	35	38	46	49	49	44	44
6	53	54	57	57	57	60	59	49	46	44	40	36	35	34	31	31	32	34	37	44	66	69	71	73	49
7	76	75	78	81	82	87	87	76	67	58	56	47	47	53	55	44	45	47	53	53	46	49	58	56	61
8	56	59	62	73	81	85	83	80	75	67	56	50	48	46	48	49	62	68	73	79	97	100	100 ?	?	67
9	98 ?	97	95	91	87	78	69	61	51	42	37	34	31	30	31	30	28	30	34	41	47	49	50	50	54
10	56	57	58	59	59	60	59	55	49	39	33	32	31	30	29	28	28	29	41	52	53	60	65	65	47
11	67	73	75	77	79	81	82	77	70	66	61	53	51	47	44	45	54	58	64	67	69	71	73	75	66
12	76	78	80	83	85	87	89	89	87	94	92	81	74	75	81	78	75	78	82	81	81	81	76	71	82
13	63	61	64	72	75	75	66	60	61	65	66	69	70	73	79	80	77	80	82	91	92	91	95	94	75
14	94	94	94	94	93	95	96	99	100 ?	99	99	97	96	100 ?	98	99 ?	?	?	?	?	?	?	?	?	64 ?
15	?	?	?	?	?	?	?	?	?	?	?	98	?	?	?	?	?	100 ?	?	?	?	?	?	?	8 ?
16	?	?	?	?	?	?	?	100 ?	99	99 ?	97	93	86	79	76	73	72	75	94	99	?	100 ?	?	?	52 ?
17	?	?	?	?	?	?	?	95 ?	90	81	74	75	79	79	80	78	82	89	93	97	98	94	96	98	62 ?
18	98	100 ?	?	?	?	?	?	99 ?	97	97	90	91	96	99 ?	?	?	?	100 ?	100 ?	100 ?	100 ?	?	?	?	57 ?
19	?	?	100 ?	100 ?	100 ?	100 ?	98	99	99	100 ?	99	97	96	93	91	90	90	89	89	91	91	93	94	96	87 ?
20	99	99	99	?	?	?	?	97	90	80	75	71	65	63	67	68	68	76	88	99	100 ?	?	?	?	59 ?
21	?	?	100 ?	99	99	99	96	94	92	85	81	76	66	60	62	68	71	75	80	87	92	100 ?	?	?	70 ?
22	?	97	99 ?	98 ?	98	98	98	96	91	88	84	82	83	80	78	73	68	69	75	78	77	77	80	86	81
23	86	83	84	89	92	95	92	83	68	64	60	59	57	54	53	53	50	68	78	81	84	85	86	86	75
24	90	94	99	100 ?	?	?	?	97 ?	77	58	54	51	55	57	54	60	62	66	76	79	78	83	92	98 ?	70 ?
25	98	98	100 ?	100 ?	?	?	?	?	?	?	?	?	?	?	?	?	100 ?	100 ?	100	99	96	94	92	93	49 ?
26	92	93	92	90	89	88	87	82	80	79	76	71	67	67	69	70	71	76	80	86	89	90	91	89	82
27	90	92	93	95	99	99	97	100	100 ?	98	94	96	95	84	83	85	80	84	91	95	96	97	99	99	93
28	99 ?	?	?	?	?	?	?	?	92	87	82	84	82	84	87	93	98	98	99	99	100 ?	?	?	?	62 ?
29	98	99	100	99	99	?	99 ?	94	84	76	69	66	69	65	62	57	54	53	75	84	89	95	98	97	78
30	98	100 ?	100 ?	100 ?	99	99	93	86	74	66	55	44	37	35	33	39	38	43	49	51	54	64	68	73	67
Avg	83	85	86	87	87	87	87	84	78	73	69	67	64	63	62	62	62	68	73	77	79	80	80	81	66
S/D	16	16	15	14	13	13	13	15	17	19	20	21	21	21	20	21	20	21	20	19	18	17	17	17	17
S/A	0.2	0.19	0.18	0.16	0.15	0.14	0.15	0.18	0.22	0.26	0.29	0.31	0.33	0.33	0.33	0.34	0.33	0.32	0.27	0.25	0.23	0.22	0.21	0.21	0.25
Min	51	52	57	57	57	60	59	49	42	34	33	32	31	30	29	28	28	29	34	38	46	49	47	46	8
Max	99	100	100	100	100	100	99	100	100	100	99	98	96	100	98	99	100	100	100	100	100	100	100	99	93

Data Recovery: 0% missing; 17% failed QC -- 8640 total 5-minute measurements.

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

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

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

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

Temperature (CR10)
Hourly and Daily Averages
Degrees Celsius
Elizabeth City State Univ. - April 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	3	2	2	1	1	0	2	6	11	15	19	21	21	20	21	20	20	19	16	13	12	10	10	9	11
2	9	9	9	9	9	10	10	12	16	18	19	19	19	20	20	20	20	20	19	18	18	18	17	17	16
3	17	17	17	17	17	16	16	18	20	20	23	24	26	27	28	28	27	25	23	21	20	19	19	18	21
4	18	18	18	19	19	19	20	20	22	23	20	20	20	21	22	21	20	19	18	16	15	14	12	11	18
5	10	8	7	5	4	4	4	7	9	10	12	13	14	14	15	16	16	15	13	10	9	9	9	9	10
6	9	8	8	7	7	7	8	12	15	17	20	21	23	24	25	26	26	26	24	21	19	17	16	16	17
7	15	14	13	13	13	12	13	17	21	24	26	26	26	25	26	28	28	27	24	21	20	18	17	17	20
8	16	16	15	15	14	15	16	18	20	22	24	26	26	27	27	26	26	24	22	18	13	11	10	10	19
9	8	6	5	4	4	4	5	6	8	9	11	12	12	13	13	14	14	14	13	11	10	9	8	8	9
10	7	6	6	6	7	7	8	11	14	17	20	21	22	22	23	24	24	23	21	17	15	14	13	13	15
11	13	12	12	13	13	13	13	14	17	20	21	23	23	24	25	25	24	24	22	20	19	19	18	18	19
12	18	17	17	17	17	17	17	17	17	17	17	20	21	20	18	17	17	16	14	13	12	11	11	11	16
13	11	10	10	10	9	8	8	9	9	9	10	10	10	9	8	8	8	8	8	8	8	8	8	8	9
14	8	9	9	10	10	10	10	10	10	11	12	14	15	15	15	15	14	14	14	14	14	14	14	15	12
15	16	16	16	16	16	16	16	17	17	17	18	19	18	18	18	18	18	18	18	18	18	18	18	18	17
16	18	18	17	17	17	17	17	17	18	18	20	21	23	25	26	27	27	26	23	19	17	17	16	16	20
17	16	16	15	15	14	13	15	18	22	25	26	26	26	25	25	24	23	20	19	18	18	18	18	17	20
18	17	16	17	17	17	16	18	19	20	20	19	17	17	15	14	13	12	11	11	11	10	10	10	10	15
19	10	10	9	9	9	9	9	9	10	10	9	10	11	11	12	12	12	12	12	11	11	10	9	9	10
20	8	7	8	7	7	6	7	10	13	18	20	22	22	22	22	22	21	19	16	13	12	12	12	12	14
21	13	13	13	14	14	15	16	17	19	21	24	25	26	27	27	27	27	25	23	20	19	16	15	14	20
22	14	14	13	14	14	13	13	12	12	13	13	14	14	14	15	16	16	16	15	14	14	13	13	12	14
23	12	12	12	12	11	10	11	14	17	19	20	20	20	20	21	21	21	20	16	14	13	13	12	11	15
24	10	9	8	7	7	6	9	13	17	20	22	23	22	23	23	22	20	18	15	14	14	12	12	11	15
25	11	11	11	11	11	11	11	11	12	12	12	12	11	11	11	10	10	10	9	9	8	8	8	8	10
26	8	8	8	8	8	8	9	9	10	11	12	14	16	17	16	16	15	13	11	9	7	7	7	7	11
27	6	6	6	6	6	6	7	8	8	9	9	10	10	12	15	13	14	15	13	11	10	9	9	8	9
28	8	8	7	7	7	7	9	13	16	17	16	16	16	14	14	14	13	13	12	12	11	11	11	11	12
29	11	10	10	10	9	9	10	13	16	18	20	20	19	19	20	20	19	19	17	14	12	11	10	10	14
30	10	10	10	9	9	9	10	14	17	19	22	24	24	25	26	26	25	24	20	16	15	13	12	11	17
Avg	12	11	11	11	11	11	11	13	15	17	18	19	19	19	20	20	19	19	17	15	14	13	12	12	15
SD	4	4	4	4	4	5	4	4	4	5	5	5	5	5	5	6	6	5	5	4	4	4	4	4	4
S/A	0.34	0.37	0.38	0.41	0.42	0.43	0.38	0.31	0.28	0.28	0.28	0.27	0.27	0.27	0.28	0.29	0.29	0.28	0.27	0.27	0.27	0.28	0.29	0.29	0.25
Min	3	2	2	1	1	0	2	6	8	9	9	10	10	9	8	8	8	8	8	8	7	7	7	7	9
Max	18	18	18	19	19	19	20	20	22	25	26	26	26	27	28	28	28	27	24	21	20	19	19	18	21

Data Recovery: 0% missing; 0% failed QC -- 8640 total 5-minute measurements.

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

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

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

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

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

Field: WS

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	0	0	1	0	0	0	1	1	1	1	1	2	3	3	3	3	3	4	3	2	2	2	2	2	2
2	2	2	2	1	1	2	1	2	3	4	3	4	4	4	3	3	4	3	3	4	3	3	3	3	3
3	3	4	3	3	2	3	3	3	4	4	4	4	6	5	6	6	6	6	5	4	5	4	4	4	4
4	4	5	5	6	5	6	6	6	6	6	6	6	5	6	8	8	6	5	4	4	4	5	4	4	5
5	3	3	3	3	3	3	3	5	5	5	5	4	4	5	5	5	5	3	2	2	2	3	3	3	4
6	3	3	2	3	3	3	3	5	5	6	7	6	7	8	7	7	7	6	4	3	3	4	4	3	5
7	2	2	1	1	2	1	0	0	0	1	3	5	5	5	3	4	5	4	4	5	4	5	5	5	3
8	4	4	4	3	3	4	4	5	6	6	7	6	7	8	8	8	8	7	6	4	4	2	1	2	5
9	5	5	5	5	5	6	6	7	7	7	7	7	6	7	7	6	6	5	4	3	3	2	2	2	5
10	1	2	3	3	3	3	3	3	3	4	5	5	5	5	5	4	4	3	2	2	2	3	3	3	3
11	3	2	3	2	2	1	2	3	4	5	6	6	6	6	6	5	6	5	5	5	5	4	4	4	4
12	4	4	5	4	4	3	2	2	4	4	3	4	3	4	5	5	5	5	4	4	5	4	4	5	4
13	5	4	5	4	5	6	6	6	5	5	6	5	5	5	5	4	4	4	4	4	3	4	4	4	5
14	4	3	4	3	4	5	4	3	3	3	4	3	3	3	4	3	3	2	2	2	1	1	1	1	3
15	2	2	1	1	1	1	2	1	2	2	2	3	4	3	5	6	5	3	2	3	2	2	2	2	2
16	1	1	0	0	0	0	1	1	0	1	1	2	1	2	2	2	2	2	2	2	2	1	1	0	1
17	1	0	0	0	0	0	0	0	1	3	4	5	5	5	5	6	6	4	4	3	3	2	3	2	3
18	2	1	2	2	2	2	1	3	3	4	4	4	4	4	5	5	6	6	6	5	5	6	5	6	4
19	6	5	6	6	6	6	7	5	5	4	5	5	4	4	4	3	4	4	3	2	2	2	1	1	4
20	0	0	1	0	0	0	0	2	2	1	1	2	2	3	3	3	4	3	4	4	4	2	2	3	2
21	3	2	3	3	3	4	4	4	4	6	6	6	6	6	5	5	5	4	4	4	4	1	0	1	4
22	1	2	2	2	1	1	2	2	2	3	3	3	2	2	2	2	2	1	0	1	1	1	1	1	2
23	1	1	1	1	1	1	2	2	2	3	3	3	4	3	2	2	3	3	3	2	2	2	1	2	2
24	0	0	0	0	0	0	0	1	2	1	1	2	2	2	3	2	3	4	3	3	4	3	3	4	2
25	3	3	4	5	5	4	3	3	2	3	4	5	5	5	6	6	6	6	6	6	6	4	3	3	4
26	2	3	3	2	1	1	2	2	2	2	2	2	2	3	4	4	4	3	3	4	3	3	3	3	3
27	2	2	2	1	0	1	0	1	1	2	2	1	2	2	2	1	0	1	1	1	1	1	2	2	1
28	1	0	0	0	0	1	2	2	2	4	4	3	2	2	2	2	2	2	2	2	3	3	2	2	2
29	2	2	1	2	1	0	1	2	2	2	2	2	3	2	2	2	2	2	0	1	0	0	2	2	2
30	2	2	2	2	2	2	3	3	4	4	3	3	4	4	3	3	3	3	3	2	2	2	2	2	3
Avg	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
S D	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
S/A	0.63	0.64	0.69	0.76	0.81	0.84	0.79	0.6	0.55	0.49	0.45	0.42	0.39	0.38	0.42	0.45	0.42	0.41	0.45	0.41	0.46	0.5	0.49	0.53	0.39
Min	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	0	1	0	1	0	0	0	0	1
Max	6	5	6	6	6	6	7	7	7	7	7	7	6	7	8	8	8	8	7	6	6	6	5	6	5

Data Recovery: 0% missing; 0% failed QC -- 8640 total 5-minute measurements.

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

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

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

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

Wind Direction
Hourly and Daily Averages
Degrees
Elizabeth City State Univ. - April 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	55	46	50	66	0	0	43	36	31	299	294	239	226	253	280	269	297	265	248	284	297	298	298	316	279
2	305	301	298	290	284	276	292	290	306	305	313	333	307	324	301	297	297	299	306	305	337	338	326	322	310
3	327	320	325	326	325	316	315	325	340	312	311	323	329	319	321	318	321	314	309	319	308	313	313	319	319
4	312	314	315	321	323	321	315	323	330	342	358	357	336	355	12	357	10	12	49	68	27	48	57	71	353
5	55	75	71	50	49	50	36	47	75	67	82	69	51	42	47	25	30	38	19	351	329	343	340	346	43
6	341	347	333	310	330	320	317	321	334	327	351	338	339	336	344	346	0	356	352	341	322	329	322	332	338
7	324	2	339	336	346	319	196	279	327	207	230	245	239	239	249	309	307	308	302	320	306	314	318	321	295
8	325	328	324	307	307	315	310	318	316	324	325	316	324	315	300	316	294	286	336	72	89	87	62	17	321
9	52	62	56	47	55	37	54	55	81	67	74	56	54	49	57	61	42	32	21	11	5	29	21	12	51
10	354	14	19	21	20	37	33	53	37	38	49	40	41	60	25	39	60	26	334	313	330	332	340	356	27
11	338	332	356	353	345	340	338	344	345	1	0	8	357	353	328	335	331	338	337	339	344	345	333	341	345
12	340	335	343	351	2	22	357	17	29	31	22	45	21	183	186	199	194	185	183	187	178	184	192	186	187
13	179	189	183	164	180	189	188	186	183	194	194	194	186	191	195	200	195	187	182	183	184	184	184	187	187
14	191	194	180	171	177	185	175	171	185	172	196	188	197	173	187	181	179	173	167	174	158	174	224	297	183
15	280	271	257	243	273	254	248	245	233	246	250	283	270	243	216	240	268	307	320	329	339	338	344	21	270
16	38	51	61	80	95	90	61	71	48	27	38	67	41	358	37	17	0	26	239	241	264	277	296	313	13
17	334	300	308	295	233	0	231	218	248	249	224	248	258	252	255	254	253	251	219	202	222	124	196	194	239
18	177	199	223	179	130	186	177	199	204	210	217	187	142	142	135	143	137	151	146	133	130	140	141	129	155
19	126	130	131	120	125	144	131	126	124	118	124	125	130	120	136	126	130	126	124	138	148	181	147	150	130
20	114	120	106	107	84	99	156	175	176	145	224	246	250	254	259	251	255	252	250	266	267	262	284	292	249
21	300	314	302	311	311	306	307	321	317	328	322	320	307	333	333	320	322	325	318	326	73	146	351	351	321
22	60	60	62	103	107	103	114	125	115	111	102	105	90	111	99	110	94	79	65	79	97	78	81	69	98
23	87	66	66	66	74	70	93	74	104	100	67	34	27	51	46	62	47	222	244	257	226	195	191	186	76
24	196	286	12	74	34	0	49	67	120	89	45	64	5	357	255	236	230	217	218	221	213	217	206	205	215
25	200	203	211	194	197	183	185	173	169	170	152	162	156	176	160	145	136	146	143	134	135	125	124	124	160
26	117	126	132	129	117	131	134	156	143	158	143	160	198	213	209	205	201	202	214	219	238	239	242	239	187
27	242	251	255	248	51	140	177	69	208	219	243	268	246	274	311	295	207	246	251	245	256	213	212	244	246
28	255	220	207	235	256	233	222	237	239	249	257	256	246	241	208	208	192	191	148	121	130	144	143	137	205
29	139	140	124	123	106	82	102	117	126	144	140	160	169	170	131	122	134	128	321	338	331	2	12	13	129
30	13	35	37	42	62	52	64	64	62	70	98	75	76	70	118	143	151	178	189	222	228	253	267	286	87
Avg	338	355	350	21	37	341	27	40	36	11	3	352	327	321	304	299	299	274	262	273	268	265	276	318	308

Data Recovery: 0% missing; 0% failed QC -- 8640 total 5-minute measurements.

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

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

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

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

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

Field: Pk WS

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	0	0	1	0	0	0	1	2	2	2	2	4	4	4	5	5	4	5	4	3	3	3	3	3	3
2	3	2	2	2	1	2	2	3	5	6	5	6	6	7	4	4	6	5	5	6	5	5	5	5	4
3	5	5	5	4	3	4	4	5	7	6	7	7	9	8	9	9	10	9	8	7	7	7	7	7	7
4	7	7	8	9	8	9	9	9	9	10	9	9	8	8	11	12	10	8	7	6	8	9	7	7	8
5	6	7	5	5	5	5	6	8	9	10	8	8	8	8	8	8	8	6	2	3	3	4	5	5	6
6	4	4	3	4	4	4	5	7	8	8	10	11	10	10	12	11	10	8	5	4	5	6	5	4	7
7	3	2	1	2	3	2	1	1	1	2	5	6	7	7	5	7	8	7	7	7	7	7	7	7	5
8	7	6	6	5	6	5	6	7	10	9	10	11	10	11	13	13	12	11	10	7	7	5	2	4	8
9	9	8	9	8	8	9	10	12	12	12	12	11	11	11	10	9	9	8	5	4	4	3	3	3	8
10	1	3	4	4	4	4	4	5	5	6	8	8	8	8	8	7	6	4	3	3	4	4	4	4	5
11	4	4	4	3	3	2	3	4	6	8	9	9	10	9	9	8	9	9	8	8	8	7	6	7	6
12	6	7	7	7	5	4	3	4	6	6	5	6	4	7	7	7	8	8	7	7	7	7	7	8	6
13	8	7	8	7	8	9	9	9	8	8	9	8	9	8	8	6	7	6	6	6	6	6	6	6	7
14	6	5	6	6	7	7	6	6	5	6	6	6	5	5	6	5	5	4	4	3	2	2	2	3	5
15	4	3	2	2	1	3	3	2	3	3	3	5	6	5	7	9	7	5	4	4	4	3	3	3	4
16	2	2	1	1	1	1	1	2	1	2	3	3	3	3	4	3	3	3	4	2	3	2	1	1	2
17	2	1	0	0	0	0	0	1	2	4	5	7	7	7	8	9	9	6	5	5	4	4	5	4	4
18	3	2	3	3	4	3	2	5	5	6	7	6	5	7	8	9	9	10	9	8	9	9	8	10	6
19	9	9	10	11	9	9	11	9	8	7	8	8	8	7	6	6	6	7	5	4	4	4	3	2	7
20	1	1	2	1	0	1	1	4	3	2	3	3	4	4	5	5	5	5	5	6	5	4	4	4	3
21	4	3	5	5	5	6	6	6	6	9	9	9	9	9	8	8	8	7	6	7	6	2	1	2	6
22	2	4	3	4	3	3	4	4	4	6	5	5	4	4	5	4	4	3	1	2	2	2	1	2	3
23	2	3	2	2	2	2	3	4	4	5	5	6	6	6	6	4	4	4	5	4	3	4	3	2	4
24	1	0	0	0	1	0	0	2	3	3	3	4	3	3	4	4	5	6	4	5	5	5	5	6	3
25	5	5	7	8	8	6	6	5	4	5	7	8	9	8	10	10	10	10	10	10	9	7	6	6	7
26	5	5	5	4	3	3	3	4	4	4	4	4	4	5	6	6	6	5	4	5	4	5	5	4	4
27	3	3	3	1	0	1	1	2	1	3	4	2	3	4	3	2	1	2	2	2	2	2	3	3	2
28	2	0	0	1	1	2	2	3	4	6	5	4	3	3	2	3	4	4	4	4	5	4	4	4	3
29	4	4	3	4	3	1	2	4	4	4	4	4	4	4	3	4	4	3	1	2	1	1	2	3	3
30	3	3	3	3	3	4	5	5	7	6	5	5	6	6	6	5	5	5	4	3	3	3	3	2	4
Avg	4	4	4	4	4	4	4	5	5	6	6	6	6	7	7	7	7	6	5	5	5	4	4	4	5
SD	2	2	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	2	2	2	2	2	2	2	2
S/A	0.6	0.61	0.66	0.71	0.75	0.76	0.72	0.55	0.52	0.45	0.42	0.38	0.36	0.35	0.38	0.42	0.38	0.38	0.45	0.41	0.45	0.48	0.46	0.51	0.37
Min	0	0	0	0	0	0	0	1	1	2	2	2	3	3	2	2	1	2	1	2	1	1	1	1	2
Max	9	9	10	11	9	9	11	12	12	12	12	12	11	11	13	13	12	11	10	10	9	9	8	10	8

Data Recovery: 0% missing; 0% failed QC -- 8640 total 5-minute measurements.

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

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

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

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

**Station Pressure
Hourly and Daily Averages
Millibars
Elizabeth City State Univ. - April 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	1021	1021	1021	1021	1021	1021	1022	1023	1024	1025	1025	1024	1023	1023	1022	1022	1022	1021	1021	1022	1022	1022	1022	1022	1022	1022	
2	1021	1021	1021	1021	1021	1021	1021	1022	1021	1021	1021	1021	1020	1019	1018	1018	1017	1017	1017	1016	1017	1017	1017	1017	1017	1019	
3	1016	1016	1016	1016	1015	1015	1015	1016	1016	1016	1015	1014	1013	1012	1011	1010	1010	1010	1010	1010	1010	1010	1009	1009	1009	1013	
4	1008	1006	1005	1005	1004	1004	1004	1004	1004	1003	1003	1003	1002	1001	1000	1000	1000	1000	1002	1003	1004	1005	1006	1007	1003	1003	
5	1008	1008	1009	1009	1010	1011	1012	1013	1013	1013	1013	1012	1012	1012	1012	1012	1012	1012	1012	1012	1013	1013	1013	1013	1012	1012	
6	1013	1013	1013	1012	1012	1012	1012	1012	1011	1010	1009	1008	1007	1006	1005	1005	1005	1006	1007	1007	1008	1009	1010	1010	1010	1009	
7	1010	1010	1011	1011	1012	1012	1013	1014	1014	1014	1015	1014	1014	1013	1012	1011	1010	1010	1010	1011	1011	1011	1011	1011	1011	1012	
8	1011	1010	1009	1009	1009	1010	1010	1010	1009	1008	1007	1005	1004	1002	1001	999	999	998	999	1000	1002	1001	1001	1001	1001	1005	
9	1002	1003	1004	1005	1007	1008	1010	1010	1011	1012	1013	1013	1013	1013	1013	1012	1013	1013	1013	1014	1015	1016	1017	1017	1011	1011	
10	1017	1017	1018	1018	1019	1020	1020	1021	1021	1022	1021	1021	1021	1020	1020	1019	1020	1020	1021	1021	1022	1022	1022	1022	1022	1020	
11	1022	1022	1022	1022	1022	1023	1024	1024	1023	1023	1023	1022	1021	1020	1020	1019	1018	1018	1018	1019	1020	1020	1020	1019	1021	1021	
12	1019	1018	1018	1018	1019	1020	1020	1020	1021	1020	1020	1020	1020	1021	1021	1021	1022	1023	1023	1025	1026	1027	1027	1027	1027	1021	
13	1027	1027	1027	1027	1028	1028	1028	1029	1029	1030	1029	1029	1029	1028	1027	1027	1026	1026	1026	1026	1026	1025	1025	1025	1025	1027	
14	1024	1024	1023	1023	1023	1023	1024	1024	1024	1024	1024	1024	1023	1023	1022	1021	1021	1021	1021	1020	1021	1020	1020	1020	1022	1022	
15	1020	1019	1018	1018	1018	1018	1019	1019	1018	1018	1018	1017	1017	1016	1013	1012	1011	1011	1011	1012	1013	1013	1013	1013	1013	1016	
16	1013	1012	1012	1012	1012	1013	1014	1015	1015	1015	1015	1015	1015	1014	1013	1013	1013	1013	1013	1013	1014	1014	1014	1014	1014	1014	
17	1013	1013	1012	1012	1012	1012	1013	1013	1013	1013	1012	1011	1011	1010	1008	1008	1007	1007	1007	1007	1008	1008	1007	1006	1010	1010	
18	1005	1004	1003	1002	1003	1003	1004	1004	1004	1004	1005	1005	1004	1004	1004	1004	1004	1004	1005	1005	1006	1006	1007	1007	1004	1004	
19	1007	1006	1007	1007	1007	1008	1009	1010	1011	1011	1012	1012	1012	1012	1012	1012	1013	1013	1014	1014	1015	1015	1015	1015	1011	1011	
20	1015	1015	1016	1016	1016	1016	1017	1017	1017	1018	1018	1017	1017	1016	1015	1014	1014	1013	1013	1012	1013	1013	1012	1011	1015	1015	
21	1010	1010	1009	1008	1007	1007	1006	1006	1005	1004	1003	1002	1001	1000	999	998	998	998	998	998	1000	999	999	999	1003	1003	
22	998	998	998	999	999	1000	1000	1000	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001	1002	1002	1003	1003	1004	1004	1001	1001	
23	1004	1004	1004	1004	1004	1005	1006	1006	1006	1007	1007	1006	1006	1006	1006	1005	1006	1006	1006	1007	1007	1008	1009	1010	1006	1006	
24	1010	1009	1009	1009	1009	1010	1010	1011	1011	1012	1011	1011	1011	1011	1010	1010	1009	1009	1009	1009	1009	1008	1008	1006	1010	1010	
25	1005	1004	1003	1002	1002	1002	1002	1002	1002	1002	1002	1001	1001	1001	1001	1001	1002	1003	1004	1006	1007	1008	1009	1009	1003	1003	
26	1009	1009	1010	1010	1011	1012	1013	1013	1014	1014	1015	1015	1015	1015	1014	1015	1015	1015	1015	1016	1016	1016	1016	1016	1014	1014	
27	1015	1015	1014	1014	1014	1014	1015	1015	1015	1014	1014	1014	1013	1012	1012	1012	1012	1012	1012	1013	1013	1013	1013	1012	1013	1013	
28	1011	1011	1011	1011	1010	1011	1010	1010	1010	1010	1010	1010	1009	1009	1008	1008	1007	1007	1007	1007	1008	1008	1008	1008	1009	1009	
29	1008	1008	1008	1008	1009	1010	1011	1011	1012	1012	1013	1013	1013	1013	1012	1012	1012	1013	1013	1014	1014	1014	1014	1015	1012	1012	
30	1015	1014	1014	1014	1015	1015	1016	1017	1017	1017	1017	1017	1017	1017	1016	1017	1017	1017	1018	1019	1019	1019	1019	1019	1019	1017	1017
Avg	1013	1012	1012	1012	1012	1013	1013	1014	1014	1014	1014	1013	1013	1012	1012	1011	1011	1011	1012	1012	1013	1013	1013	1013	1013	1013	
S/D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
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		
Min	998	998	998	999	999	1000	1000	1000	1001	1001	1001	1001	1001	1000	999	998	998	998	998	1000	999	999	999	999	1001	1001	
Max	1027	1027	1027	1027	1028	1028	1028	1029	1029	1030	1029	1029	1029	1028	1027	1027	1026	1026	1026	1026	1026	1027	1027	1027	1027	1027	

Data Recovery: 0% missing; 0% failed QC -- 8640 total 5-minute measurements.

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

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

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

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