

Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - November 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	18	75 ?	351 ?	464	552	599	611	346	386	217	48	0	0	0	0	0	0	0	3668
2	0	0	0	0	0	0	3	70	146	197	106	46	44	43	51	122	45	1	0	0	0	0	0	0	873
3	0	0	0	0	0	0	16	153	342	500	609	656	637	553	411	230	55	0	0	0	0	0	0	0	4162
4	0	0	0	0	0	0	15	150	340	497	605	649	625	537	398	217	47	0	0	0	0	0	0	0	4080
5	0	0	0	0	0	0	14	141	322	477	585	632	613	527	388	211	44	0	0	0	0	0	0	0	3955
6	0	0	0	0	0	0	12	134	312	464	568	605	580	495	360	189	37	0	0	0	0	0	0	0	3757
7	0	0	0	0	0	0	10	128	312	471	578	631	612	516	312	207	43	0	0	0	0	0	0	0	3818
8	0	0	0	0	0	0	10	129	303	457	563	605	581	496	363	189	35	0	0	0	0	0	0	0	3731
9	0	0	0	0	0	0	10	115	280	427	525	515	541	464	334	174	34	0	0	0	0	0	0	0	3418
10	0	0	0	0	0	0	7	104	265	413	517	567	551	468	335	172	27	0	0	0	0	0	0	0	3426
11	0	0	0	0	0	0	10	96	227	306	399	304	231	100	37	6	5	0	0	0	0	0	0	0	1723
12	0	0	0	0	0	0	7	56	216	390	454	343	403	337	277	131	30	0	0	0	0	0	0	0	2644
13	0	0	0	0	0	0	6	88	199	376 ?	482	538	518	430	305	147	25	0	0	0	0	0	0	0	3114
14	0	0	0	0	0	0	5	71	209 ?	397	500	547	539	463	332	167	29	0	0	0	0	0	0	0	3258
15	0	0	0	0	0	0	5	110	285	443	551	595	575	495	359	182	32	0	0	0	0	0	0	0	3633
16	0	0	0	0	0	0	5	106	276	433	543	590	570	490	353	177	31	0	0	0	0	0	0	0	3573
17	0	0	0	0	0	0	4	105	276	434	540	583	564	482	345	172	24	0	0	0	0	0	0	0	3530
18	0	0	0	0	0	0	5	106 ?	284	410	524	572	550	473	344	170	25	0	0	0	0	0	0	0	3464
19	0	0	0	0	0	0	4	71	241	390	500	543	529	453	327	159	26	0	0	0	0	0	0	0	3244
20	0	0	0	0	0	0	3	58	180	343	422	365	472	446	190	72	39	0	0	0	0	0	0	0	2588
21	0	0	0	0	0	0	3	143	278	287	365	469	450	405	267	135	29	0	0	0	0	0	0	0	2831
22	0	0	0	0	0	0	2	89	236	383	484	537	546	487	320	168	23	0	0	0	0	0	0	0	3276
23	0	0	0	0	0	0	1	35	100	149	207	188	146	164	118	69	17	0	0	0	0	0	0	0	1193
24	0	0	0	0	0	0	2	55	118	203	213	411 ?	489	382	113	69	10	0	0	0	0	0	0	0	2067
25	0	0	0	0	0	0	2	51	189	348	444	333	278	222	317	122	11	0	0	0	0	0	0	0	2317
26	0	0	0	0	0	0	1	36	42	193	174	154	181	116	80	53	14	0	0	0	0	0	0	0	1044
27	0	0	0	0	0	0	0	24	132	232	456	532	514	446	322	155	21	0	0	0	0	0	0	0	2833
28	0	0	0	0	0	0	1	68	220	373	478	525	511	436	309	148	19	0	0	0	0	0	0	0	3088
29	0	0	0	0	0	0	1	43	140	361	427	519	391	397	310	128	15	0	0	0	0	0	0	0	2730
30	0	0	0	0	0	0	0	67	211	391	431	462	484	424	240	145	18	0	0	0	0	0	0	0	2874
Avg	0	0	0	0	0	0	6	89	234	374	460	487	478	403	287	150	29	0	0	0	0	0	0	0	2997
S D	0	0	0	0	0	0	5	36	77	95	128	152	150	134	103	52	12	0	0	0	0	0	0	0	866
S/A	0	0	0	0	0	0	0.84	0.41	0.33	0.25	0.28	0.31	0.31	0.33	0.36	0.35	0.43	5.08	0	0	0	0	0	0	0.29
Min	0	0	0	0	0	0	0	24	42	149	106	46	44	43	37	6	5	0	0	0	0	0	0	0	873
Max	0	0	0	0	0	0	18	153	351	500	609	656	637	553	411	230	55	1	0	0	0	0	0	0	4162

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 3701 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 - November 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	28	190 ?	607 ?	723	767	775	766	412	694	587	258	1	0	0	0	0	0	0	5807
2	0	0	0	0	0	0	1	21	27	33	3	0	0	1	1	55	57	1	0	0	0	0	0	0	199
3	0	0	0	0	0	0	140	631	819	889	917	923	917	898	835	713	360	1	0	0	0	0	0	0	8043
4	0	0	0	0	0	0	155	631	826	899	927	933	927	897	836	710	345	1	0	0	0	0	0	0	8085
5	0	0	0	0	0	0	111	564	770	846	883	896	895	867	800	673	315	0	0	0	0	0	0	0	7619
6	0	0	0	0	0	0	90	535	741	820	857	843	815	770	689	533	185	0	0	0	0	0	0	0	6880
7	0	0	0	0	0	0	47	484	759	857	900	924	919	667	412	678	324	0	0	0	0	0	0	0	6973
8	0	0	0	0	0	0	90	566	774	854	887	891	880	850	782	647	284	0	0	0	0	0	0	0	7505
9	0	0	0	0	0	0	48	383	625	720	734	537	693	670	580	466	167	0	0	0	0	0	0	0	5624
10	0	0	0	0	0	0	20	279	524	637	696	732	728	671	551	416	57	0	0	0	0	0	0	0	5311
11	0	0	0	0	0	0	21	98	260	278	241	16	3	0	2	3	2	0	0	0	0	0	0	0	924
12	0	0	0	0	0	0	6	58	269	528	441	78	183	165	179	164	102	0	0	0	0	0	0	0	2174
13	0	0	0	0	0	0	7	203	463	523 ?	582	664	660	593	516	348	84	0	0	0	0	0	0	0	4641
14	0	0	0	0	0	0	5	158	499 ?	662	708	732	760	738	660	503	148	0	0	0	0	0	0	0	5571
15	0	0	0	0	0	0	37	526	771	860	902	916	910	885	826	681	283	0	0	0	0	0	0	0	7596
16	0	0	0	0	0	0	54	501	742	838	887	900	891	864	788	634	251	0	0	0	0	0	0	0	7351
17	0	0	0	0	0	0	53	537	781	862	905	914	911	884	807	680	254	0	0	0	0	0	0	0	7587
18	0	0	0	0	0	0	41	462 ?	740	830	875	888	871	846	798	659	257	0	0	0	0	0	0	0	7264
19	0	0	0	0	0	0	9	236	645	750	803	811	810	787	731	570	174	0	0	0	0	0	0	0	6326
20	0	0	0	0	0	0	7	15	99	459	522	180	500	706	166	75	132	0	0	0	0	0	0	0	2861
21	0	0	0	0	0	0	10	309	468	178	191	387	418	475	355	215	70	0	0	0	0	0	0	0	3078
22	0	0	0	0	0	0	9	307	652	753	804	807	807	714	715	563	172	0	0	0	0	0	0	0	6303
23	0	0	0	0	0	0	0	1	1	1	4	1	1	1	0	0	0	0	0	0	0	0	0	0	10
24	0	0	0	0	0	0	0	1	3	4	4	71 ?	566	458	62	22	2	0	0	0	0	0	0	0	1193
25	0	0	0	0	0	0	1	27	63	373	256	22	7	9	396	287	12	0	0	0	0	0	0	0	1453
26	0	0	0	0	0	0	0	4	1	35	6	2	1	1	2	1	6	0	0	0	0	0	0	0	60
27	0	0	0	0	0	0	0	1	46	92	644	831	823	828	779	638	216	0	0	0	0	0	0	0	4898
28	0	0	0	0	0	0	6	352	673	783	835	850	846	810	720	573	175	0	0	0	0	0	0	0	6623
29	0	0	0	0	0	0	0	28	62	599	589	817	462	693	740	448	115	0	0	0	0	0	0	0	4554
30	0	0	0	0	0	0	0	373	633	794	607	539	641	705	431	337	34	0	0	0	0	0	0	0	5093
Avg	0	0	0	0	0	0	33	283	478	583	612	596	620	596	528	429	161	0	0	0	0	0	0	0	4920
S D	0	0	0	0	0	0	43	219	299	304	313	355	325	310	293	247	112	0	0	0	0	0	0	0	2604
S/A	0	0	0	0	0	0	1.29	0.77	0.63	0.52	0.51	0.6	0.52	0.52	0.55	0.57	0.69	1.65	0	0	0	0	0	0	0.53
Min	0	0	0	0	0	0	0	1	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Max	0	0	0	0	0	0	155	631	826	899	927	933	927	898	836	713	360	1	0	0	0	0	0	0	8085

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 3701 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 - November 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	12	49 ?	115	93	78	88	117	105	78	57	21	0	0	0	0	0	0	0	812
2	0	0	0	0	0	0	3	63	132	174	103	44	43	41	50	101	40	1	0	0	0	0	0	0	795
3	0	0	0	0	0	0	7	31	44	51	56	57	56	55	50	40	18	0	0	0	0	0	0	0	466
4	0	0	0	0	0	0	7	34	46	50	52	53	48	44	40	32	13	0	0	0	0	0	0	0	418
5	0	0	0	0	0	0	8	38	51	58	61	61	58	55	49	38	14	0	0	0	0	0	0	0	490
6	0	0	0	0	0	0	7	36	52	59	61	69	75	75	66	51	18	0	0	0	0	0	0	0	569
7	0	0	0	0	0	0	7	38	47	50	50	50	51	144	126	37	12	0	0	0	0	0	0	0	610
8	0	0	0	0	0	0	6	31	41	44	47	48	48	42	39	29	9	0	0	0	0	0	0	0	384
9	0	0	0	0	0	0	6	46	67	80	101	163	119	106	94	60	18	0	0	0	0	0	0	0	861
10	0	0	0	0	0	0	6	51	87	108	116	114	112	111	107	70	20	0	0	0	0	0	0	0	903
11	0	0	0	0	0	0	9	79	128	166	261	285	215	95	36	6	5	0	0	0	0	0	0	0	1285
12	0	0	0	0	0	0	7	43	113	123	177	280	269	234	193	94	20	0	0	0	0	0	0	0	1553
13	0	0	0	0	0	0	5	52	92	141 ?	148	131	126	119	96	62	17	0	0	0	0	0	0	0	989
14	0	0	0	0	0	0	4	47	76 ?	91	102	104	93	83	71	50	16	0	0	0	0	0	0	0	738
15	0	0	0	0	0	0	3	27	42	49	51	51	49	45	38	28	9	0	0	0	0	0	0	0	392
16	0	0	0	0	0	0	3	30	46	54	56	59	57	54	48	36	11	0	0	0	0	0	0	0	455
17	0	0	0	0	0	0	2	26	40	48	47	47	44	40	37	26	6	0	0	0	0	0	0	0	363
18	0	0	0	0	0	0	2	30 ?	48	49	55	57	59	56	46	32	8	0	0	0	0	0	0	0	441
19	0	0	0	0	0	0	2	37	63	68	69	73	71	64	52	37	13	0	0	0	0	0	0	0	550
20	0	0	0	0	0	0	2	54	146	117	122	234	170	87	122	64	15	0	0	0	0	0	0	0	1132
21	0	0	0	0	0	0	0 ?	88	146	210	249	226	200	151	117	82	22	0	0	0	0	0	0	0	1491
22	0	0	0	0	0	0	1	31	47	54	58	72	93	133	53	52	10	0	0	0	0	0	0	0	604
23	0	0	0	0	0	0	1	34	96	144	199	181	141	159	114	66	16	0	0	0	0	0	0	0	1151
24	0	0	0	0	0	0	1	52	114	195	205	348 ?	151	151	85	64	10	0	0	0	0	0	0	0	1375
25	0	0	0	0	0	0	0	48	167	171	298	316	263	211	157	56	10	0	0	0	0	0	0	0	1697
26	0	0	0	0	0	0	1	35	41	169	171	150	177	114	77	51	12	0	0	0	0	0	0	0	996
27	0	0	0	0	0	0	0	23	110	180	104	69	67	53	42	29	7	0	0	0	0	0	0	0	684
28	0	0	0	0	0	0	0	23	43	52	55	57	55	52	49	33	8	0	0	0	0	0	0	0	428
29	0	0	0	0	0	0	0	40	117	99	113	70	136	68	45	32	7	0	0	0	0	0	0	0	726
30	0	0	0	0	0	0	0	22	46	70	130	164	134	88	74	75	17	0	0	0	0	0	0	0	820
Avg	0	0	0	0	0	0	4	41	80	100	113	124	110	95	75	50	14	0	0	0	0	0	0	0	806
S D	0	0	0	0	0	0	3	15	39	52	70	89	64	50	39	21	7	0	0	0	0	0	0	0	375
S/A	0	0	0	0	0	0	0.84	0.37	0.48	0.52	0.61	0.72	0.58	0.53	0.52	0.43	0.48	5.39	0	0	0	0	0	0	0.47
Min	0	0	0	0	0	0	0	22	40	44	47	44	43	40	36	6	5	0	0	0	0	0	0	0	363
Max	0	0	0	0	0	0	12	88	167	210	298	348	269	234	193	101	40	1	0	0	0	0	0	0	1697

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 3701 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 - November 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	16	15	15	15	14	14	14	16	18	22	24	25	25	24	24	23	22	20	18	18	17	17	17	17	19
2	17	17	18	19	19	19	19	20	20	21	23	22	21	21	20	19	19	19	19	19	18	18	17	16	19
3	14	13	12	10	9	8	7	8	9	10	10	12	12	13	13	13	12	10	9	9	8	6	6	5	10
4	4	3	3	2	2	2	2	3	6	9	11	12	13	14	15	15	14	12	10	10	9	8	8	8	8
5	8	7	6	6	6	6	6	8	10	13	15	17	18	19	19	19	18	15	14	13	12	12	12	11	12
6	11	10	10	10	10	10	9	10	12	15	17	20	21	22	23	23	21	19	18	17	17	17	17	16	16
7	15	14	13	13	12	12	12	12	13	14	16	16	17	17	17	17	16	14	12	10	9	9	8	7	13
8	7	7	7	7	6	6	5	7	10	12	12	13	15	16	16	16	14	12	11	10	9	8	8	7	10
9	7	8	8	8	7	7	8	10	13	15	17	18	20	21	22	21	20	18	17	17	17	16	16	16	15
10	16	16	16	16	16	16	16	16	17	19	21	22	23	24	24	24	24	23	21	20	20	19	19	18	19
11	17	16	16	15	15	14	14	14	15	17	19	20	20	18	17	16	15	15	15	15	15	14	14	14	16
12	14	14	14	14	14	14	14	13	14	16	17	16	17	17	17	16	15	13	13	12	11	10	9	8	14
13	8	8	8	8	8	8	8	9	11	14	16	18	19	20	20	20	17	15	14	13	13	12	12	12	13
14	12	11	11	11	11	12	12	12	14	16	19	21	22	23	24	24	23	21	20	19	19	19	19	17	17
15	14	13	11	10	9	8	8	8	9	10	10	11	12	13	13	13	12	11	9	9	8	7	7	6	10
16	6	7	7	6	4	3	3	4	6	8	10	11	11	12	12	12	11	10	9	9	8	7	7	6	8
17	5	4	3	2	1	1	0	1	4	6	7	8	10	10	11	11	10	8	7	6	6	5	5	5	6
18	5	4	3	2	2	2	2	4	8	11	11	13	14	13	14	14	13	11	10	10	9	8	8	7	8
19	6	7	6	6	5	6	6	7	10	14	16	18	19	19	20	19	17	15	14	14	14	14	15	15	13
20	15	15	16	15	14	14	14	14	16	18	21	21	21	22	22	20	21	19	17	17	17	16	16	16	17
21	14	15	15	15	14	14	14	15	17	19	20	22	22	23	22	21	20	19	18	17	17	17	17	16	18
22	16	16	16	15	15	15	15	16	18	21	22	23	24	24	23	22	21	19	18	18	18	17	16	16	19
23	15	16	16	15	14	14	14	15	15	16	17	17	17	17	18	18	17	16	15	15	14	14	14	14	16
24	14	14	14	14	14	13	13	14	14	15	16	18	20	22	21	21	20	19	17	17	17	16	16	17	16
25	17	17	17	17	17	17	17	17	18	20	21	23	23	22	22	22	21	19	18	18	17	17	17	17	19
26	17	18	18	19	19	19	18	18	18	19	21	21	20	19	19	19	19	20	21	20	19	18	18	17	19
27	18	18	18	18	18	15	13	13	13	14	14	15	15	16	16	16	15	14	13	12	11	11	10	11	14
28	10	10	10	10	10	10	10	10	12	14	15	16	17	17	16	16	15	13	12	11	11	10	9	9	12
29	8	8	8	7	8	7	6	7	8	11	12	12	13	14	14	13	12	10	9	9	8	8	8	7	9
30	6	6	6	5	4	3	2	2	3	4	5	5	6	6	5	5	5	4	4	3	2	2	2	1	4
Avg	12	12	11	11	11	10	10	11	12	14	16	17	18	18	18	18	17	15	14	13	13	12	12	12	14
S D	4	5	5	5	5	5	5	5	4	4	5	5	5	5	4	4	4	4	4	4	5	5	5	5	4
S/A	0.38	0.39	0.43	0.46	0.49	0.5	0.51	0.46	0.36	0.31	0.3	0.28	0.26	0.26	0.25	0.24	0.25	0.29	0.31	0.33	0.36	0.38	0.39	0.41	0.31
Min	4	3	3	2	1	1	0	1	3	4	5	5	6	6	5	5	5	4	4	3	2	2	2	1	4
Max	18	18	18	19	19	19	19	20	20	22	24	25	25	24	24	24	23	21	21	20	19	19	19	18	19

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 - November 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	?	?	?	?	?	?	?	?	96	?	84	69	62	62	64	63	64	70	86	96	99	99	99	99	?	55	?			
2	?	?	?	?	?	?	?	99	?	99	98	90	92	98	100	99	98	95	93	89	87	85	86	82	77	65	?			
3	68	68	70	60	64	66	69	69	64	57	52	48	41	38	34	35	38	46	49	49	53	57	57	61	55	55				
4	64	67	72	76	79	80	80	77	66	45	35	33	31	29	28	29	33	45	56	57	62	70	76	81	57	57				
5	79	82	83	86	87	82	76	74	70	54	43	36	32	32	34	32	38	49	63	67	73	75	72	71	62	62				
6	72	75	78	78	78	75	76	73	65	58	52	47	45	44	43	45	53	63	69	72	76	74	73	75	65	65				
7	78	84	89	92	94	91	90	77	50	39	33	26	24	24	26	27	30	36	42	57	67	70	75	78	58	58				
8	73	73	73	71	72	72	73	68	61	48	43	40	36	32	31	32	44	63	66	72	78	80	85	89	61	61				
9	93	91	93	95	97	98	99	93	82	68	60	58	56	54	54	57	63	69	73	80	83	86	88	87	78	78				
10	88	89	90	92	93	93	91	90	83	76	70	62	56	54	52	53	57	63	67	70	73	75	77	80	75	75				
11	84	86	87	90	92	94	96	94	90	82	72	66	65	75	90	97	98	99	98	97	96	96	95	93	89	89				
12	97	96	92	88	87	87	85	86	83	74	69	69	67	66	66	70	74	80	83	87	90	96	99	?	?	79	?			
13	?	?	?	?	?	?	?	?	?	97	87	80	70	60	54	53	58	69	76	92	97	99	100	?	?	?	46	?		
14	?	?	?	?	?	?	?	?	?	95	?	84	71	63	58	52	48	48	53	59	62	64	64	65	53	51	41	?		
15	48	51	53	56	55	53	53	53	51	48	45	44	41	39	38	38	40	47	52	53	57	62	67	74	51	51				
16	73	62	59	63	66	72	73	64	56	49	43	38	35	35	35	36	37	41	41	42	47	48	47	50	50	50				
17	53	59	65	70	74	76	80	77	63	52	45	43	39	36	37	37	39	57	67	70	74	77	78	80	60	60				
18	89	98	99	98	99	93	90	92	78	53	45	38	37	43	34	31	34	44	54	63	72	81	88	93	69	69				
19	97	99	99	?	?	?	?	?	99	?	92	75	71	60	56	55	53	59	70	77	83	90	92	89	85	66	?			
20	86	85	87	94	96	97	97	97	91	84	70	69	68	66	67	78	80	85	90	90	92	95	97	97	86	86				
21	99	?	?	?	?	?	?	?	99	?	94	87	84	75	71	69	72	78	87	90	94	97	98	99	100	?	?	62	?	
22	?	?	?	?	?	?	?	?	100	?	99	92	85	74	66	68	71	79	87	90	97	97	98	?	?	?	57	?		
23	?	?	?	?	?	?	?	?	?	?	?	?	?	?	100	?	99	98	98	99	?	?	?	?	?	?	21	?		
24	?	?	?	?	?	?	?	?	?	?	?	?	?	?	100	?	94	84	84	89	94	97	99	?	?	?	46	?		
25	?	?	?	?	?	?	?	?	?	98	?	89	84	76	72	75	76	78	81	87	93	96	98	97	99	100	?	58	?	
26	98	96	97	95	94	93	99	?	100	?	100	?	98	?	92	90	94	96	?	?	99	?	93	89	93	97	99	?	80	?
27	99	99	100	?	?	?	100	?	98	96	93	88	80	70	64	59	53	54	57	62	61	64	67	70	72	72	70	?		
28	73	73	70	68	69	68	73	75	71	66	58	54	53	50	53	55	59	69	73	77	77	82	83	80	68	68				
29	77	73	76	80	76	81	82	79	73	60	55	50	44	42	41	44	53	69	71	72	74	72	69	59	66	66				
30	52	49	46	48	58	64	69	71	67	63	58	55	47	41	40	40	39	40	41	44	48	49	52	57	52	52				
Avg	79	79	80	79	80	82	83	83	79	70	64	58	55	56	54	56	62	69	73	76	79	81	79	78	62	62				
S D	15	15	15	15	14	13	13	13	16	17	18	17	18	20	21	22	22	19	18	18	16	15	15	14	14	14				
S/A	0.19	0.19	0.19	0.19	0.17	0.16	0.15	0.16	0.2	0.25	0.28	0.3	0.33	0.36	0.38	0.39	0.35	0.28	0.25	0.23	0.2	0.19	0.19	0.18	0.22	0.22				
Min	48	49	46	48	55	53	53	53	50	39	33	26	24	24	26	27	30	36	41	42	47	48	47	50	21	21				
Max	99	99	100	98	99	100	100	100	100	98	100	94	98	100	99	98	99	99	98	99	99	100	100	100	100	89	89			

Data Recovery: 0% missing; 16% 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 - November 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	14	14	14	14	13	13	13	15	19	23	27	30	30	28	27	26	24	21	18	17	17	16	16	16	19
2	16	16	17	17	18	18	18	19	20	21	22	22	21	21	20	19	19	19	18	18	18	17	17	16	19
3	15	13	12	11	9	7	7	8	10	11	13	14	14	15	15	14	13	10	8	7	6	5	4	3	10
4	2	1	0	-0	-1	-1	-1	2	6	10	13	14	16	16	17	17	15	11	8	7	6	5	5	5	7
5	5	4	3	3	3	3	3	6	10	14	17	19	20	21	21	20	19	15	13	12	11	10	10	10	11
6	9	9	8	8	8	8	8	9	12	16	19	21	23	24	24	24	23	19	17	16	16	15	15	15	15
7	14	13	12	11	11	10	10	11	14	16	18	19	19	19	19	18	17	13	11	9	6	5	5	4	13
8	4	4	4	4	4	3	3	6	10	13	15	16	17	18	18	18	16	12	10	8	7	6	5	4	9
9	4	5	5	5	5	5	5	8	12	16	19	21	22	23	23	23	21	19	17	16	16	15	15	15	14
10	15	15	15	15	15	15	15	15	18	20	22	24	25	26	26	25	23	21	20	19	19	18	18	17	19
11	16	15	15	14	14	13	13	14	15	18	21	22	21	20	18	17	15	15	14	14	15	15	14	14	16
12	14	14	14	14	14	13	13	13	14	16	19	19	19	19	19	17	16	13	12	11	10	9	8	7	14
13	7	6	6	6	6	6	7	8	11	14	17	20	21	22	22	22	19	16	14	12	11	10	10	10	13
14	10	11	10	10	10	11	12	14	17	20	22	24	24	24	25	25	24	21	19	19	18	18	18	17	17
15	15	13	11	9	8	8	7	8	10	11	13	14	15	15	15	15	13	10	8	7	6	5	4	3	10
16	3	4	5	4	3	1	1	3	6	9	12	13	14	14	14	13	12	9	8	7	6	5	5	4	7
17	4	3	1	-0	-1	-2	-2	-1	4	7	10	12	13	13	13	13	11	7	5	4	3	3	2	1	5
18	1	1	0	-0	-1	-2	-2	1	6	11	14	16	17	16	16	16	14	11	9	8	7	6	5	4	7
19	3	3	3	3	3	3	4	6	9	13	18	20	21	22	22	21	19	15	14	13	12	13	13	13	12
20	13	14	15	14	14	13	13	13	15	18	22	23	24	24	24	22	21	19	17	16	16	15	15	14	17
21	14	14	14	14	14	13	13	14	18	20	21	24	25	25	25	23	21	19	18	17	17	16	16	15	18
22	15	15	15	15	14	14	14	15	18	22	24	26	27	27	26	25	23	20	18	18	18	17	16	16	19
23	16	16	16	15	15	15	14	15	15	17	18	18	18	19	19	18	17	16	15	15	15	14	14	14	16
24	14	14	14	14	14	14	14	14	14	15	17	20	23	25	24	22	21	19	18	17	16	16	15	16	17
25	16	16	17	17	17	16	16	16	18	21	24	25	25	24	24	24	21	19	18	17	16	16	16	16	19
26	16	16	17	17	18	18	18	18	18	18	20	21	21	20	19	19	19	19	19	19	18	18	17	17	18
27	17	17	18	18	18	16	14	13	13	14	16	17	18	18	18	18	16	13	11	10	9	8	8	8	14
28	8	8	8	8	7	8	8	8	11	15	17	19	19	19	19	18	16	12	10	9	8	8	7	6	11
29	6	6	5	5	5	5	5	5	7	10	14	15	17	16	16	15	13	10	8	7	6	6	6	6	9
30	5	5	5	4	4	2	1	1	3	6	7	7	8	8	7	6	5	4	3	2	1	1	0	0	4
Avg	10	10	10	10	9	9	9	10	12	15	18	19	20	20	20	19	18	15	13	12	12	11	11	10	13
S D	5	5	5	6	6	6	6	5	5	4	4	5	5	5	5	4	4	5	5	5	5	5	6	6	4
S/A	0.51	0.52	0.55	0.59	0.63	0.67	0.68	0.54	0.37	0.28	0.25	0.24	0.23	0.23	0.23	0.24	0.25	0.3	0.36	0.4	0.44	0.49	0.52	0.55	0.34
Min	1	1	0	-0	-1	-2	-2	-1	3	6	7	7	8	8	7	6	5	4	3	2	1	1	0	0	4
Max	17	17	18	18	18	18	18	19	20	23	27	30	30	28	27	26	24	21	20	19	19	18	18	17	19

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 - November 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	0	0	0	0	0	0	0	1	0	0	1	2	2	3	3	2	2	1	1	0	1	1	1	1
2	1	1	1	1	2	2	3	4	4	3	6	6	6	6	8	5	4	4	3	4	4	3	4	5	4
3	3	2	3	5	3	4	3	4	5	5	6	5	6	6	5	4	3	2	3	2	2	2	1	1	4
4	1	1	1	1	1	1	1	2	2	2	3	3	2	2	2	2	1	0	0	1	0	1	0	1	1
5	1	1	1	1	1	1	2	2	1	2	2	3	3	3	3	3	2	1	2	2	2	2	2	2	2
6	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3	2	1	1	2	2	2	2	2	2
7	2	2	1	1	1	1	1	2	3	4	3	4	4	4	3	2	2	1	1	0	0	0	0	1	2
8	1	1	1	1	1	2	1	1	1	2	3	3	2	1	2	1	1	1	1	1	0	0	0	0	1
9	1	1	1	0	0	0	1	1	2	2	3	3	3	4	4	3	2	2	2	3	3	3	3	3	2
10	3	4	4	4	3	3	3	3	4	4	4	4	5	6	6	5	3	3	3	3	4	4	3	3	4
11	2	2	2	2	2	2	2	2	2	2	2	2	4	4	3	4	4	5	4	4	5	5	5	4	3
12	4	3	3	3	3	3	2	2	2	3	4	4	3	2	3	3	2	2	1	1	0	0	0	0	2
13	0	0	0	0	0	1	0	1	2	3	3	2	2	2	1	2	2	2	2	1	0	1	1	1	1
14	1	0	0	1	1	1	1	2	2	3	3	4	5	5	5	5	3	3	3	3	3	3	5	6	3
15	6	6	4	4	5	5	5	4	5	5	4	3	3	3	3	2	1	1	1	1	1	1	1	1	3
16	2	3	2	2	2	1	1	2	2	3	5	5	5	5	4	4	3	2	3	3	2	3	3	3	3
17	3	2	2	1	1	1	1	1	1	3	2	2	2	2	1	0	2	1	0	0	0	1	0	1	1
18	0	0	0	0	0	0	0	0	0	1	1	1	2	3	2	2	1	1	2	1	2	1	1	0	1
19	0	0	0	0	1	0	0	0	1	2	2	2	3	3	2	3	3	2	2	2	2	2	2	2	2
20	2	1	1	1	1	1	0	0	0	1	3	3	3	3	3	1	0	1	1	2	1	2	1	1	1
21	1	2	1	1	1	0	1	1	1	2	2	2	3	3	3	3	2	1	2	2	2	1	1	0	2
22	0	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	2	2	2	1	2	2	2	2	2
23	2	2	1	1	2	2	2	2	2	2	1	1	2	2	2	1	0	0	1	2	2	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
25	1	1	1	0	1	0	0	0	1	1	2	2	3	3	4	3	2	2	2	2	2	2	1	1	2
26	1	2	2	4	4	3	4	3	2	3	3	3	4	4	2	1	1	3	4	3	2	0	0	0	2
27	2	2	2	1	2	4	4	3	3	4	4	4	4	3	3	2	2	1	1	1	1	1	1	2	2
28	1	1	2	2	2	2	2	1	2	3	3	3	3	3	3	3	2	2	1	1	1	1	1	1	2
29	2	1	1	2	2	1	1	1	1	2	2	1	2	1	2	1	2	2	1	1	2	2	3	4	2
30	3	3	4	3	3	3	3	3	4	5	6	6	6	6	6	6	5	4	4	4	3	3	3	3	4
Avg	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2
S D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1
S/A	0.77	0.72	0.73	0.78	0.72	0.74	0.79	0.69	0.58	0.45	0.46	0.42	0.43	0.46	0.48	0.49	0.54	0.52	0.53	0.54	0.71	0.75	0.79	0.81	0.43
Min	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1
Max	6	6	4	5	5	5	5	4	5	5	6	6	6	6	8	6	5	5	4	4	5	5	5	6	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 - November 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	0	213	222	0	196	226	251	299	271	254	83	84	135	125	138	141	130	125	106	99	97	89	80	85	124
2	83	96	110	132	133	122	151	153	134	132	152	143	158	164	192	210	198	192	205	217	228	226	240	286	177
3	294	312	298	292	295	291	301	269	288	299	306	277	285	273	280	276	282	273	277	290	318	307	309	278	289
4	285	292	293	296	268	270	270	255	288	294	304	281	322	304	299	263	271	229	218	223	212	221	235	251	282
5	245	241	238	243	234	241	247	248	247	269	273	265	248	234	214	236	215	194	236	232	236	216	230	220	238
6	241	238	244	244	239	248	254	260	272	280	274	268	281	274	273	261	254	235	238	245	246	262	257	278	260
7	314	297	302	308	330	329	351	6	27	20	338	346	350	356	36	14	27	44	58	169	0	7	300	309	356
8	319	329	323	307	303	318	327	337	334	53	29	37	40	30	360	344	140	167	160	176	147	178	0	178	5
9	175	190	203	168	179	193	186	181	206	211	222	220	231	224	228	218	209	201	213	212	223	226	230	234	218
10	244	248	241	255	249	244	243	246	252	261	280	269	267	260	241	254	244	234	232	235	245	232	247	248	250
11	245	243	252	248	246	250	247	249	291	279	343	36	45	49	55	48	55	52	41	45	49	49	51	57	33
12	52	48	46	43	29	48	39	36	53	56	54	64	49	61	58	72	85	55	51	53	34	296	288	290	52
13	303	301	295	254	240	250	229	249	252	294	293	327	347	355	3	64	100	85	100	102	112	178	177	182	329
14	178	183	158	164	170	181	192	212	235	233	245	259	234	249	246	254	245	236	243	246	262	325	12	29	252
15	20	13	25	3	16	353	1	346	9	356	11	317	317	355	309	303	318	289	282	256	250	244	272	344	350
16	7	11	4	339	307	302	288	310	317	301	340	342	317	345	320	312	310	312	328	330	325	328	334	348	329
17	324	301	313	304	310	323	273	288	328	12	10	349	7	20	11	18	331	94	122	156	165	134	143	110	350
18	0	308	247	277	0	229	187	50	23	183	226	172	154	99	131	231	201	166	168	161	159	164	152	165	164
19	183	121	123	150	182	152	83	99	149	151	109	130	170	195	182	137	147	128	146	137	150	146	149	140	150
20	170	186	210	138	117	127	139	132	142	146	191	211	227	218	216	199	149	144	149	161	184	164	173	169	184
21	131	143	125	139	117	87	44	39	71	83	84	91	110	108	105	100	79	71	76	77	97	79	97	87	96
22	63	65	40	49	50	66	72	82	79	85	89	98	102	90	83	71	84	84	81	74	47	52	54	43	76
23	47	44	22	22	17	25	38	19	20	42	41	18	31	25	14	38	34	27	47	24	25	44	46	37	30
24	33	4	1	27	41	71	43	3	354	310	298	45	39	22	32	55	90	106	117	103	111	115	134	148	68
25	155	140	228	260	72	73	75	70	90	112	155	143	137	117	130	118	138	129	121	123	125	125	114	131	128
26	141	158	148	179	173	182	170	177	162	145	173	188	211	197	204	167	172	180	179	196	278	245	130	169	181
27	189	203	204	196	219	1	10	24	20	3	18	34	13	15	8	7	344	324	307	306	294	284	280	287	357
28	307	291	303	316	317	349	2	336	10	41	21	34	51	34	55	54	54	83	90	94	82	44	2	10	25
29	9	356	354	21	29	347	332	8	18	49	57	79	57	65	286	320	20	75	79	60	24	40	26	16	26
30	21	6	358	352	7	336	323	342	343	358	350	5	352	1	355	347	351	350	339	348	336	353	342	340	351
Avg	341	323	311	307	313	318	318	307	330	348	343	343	317	327	276	299	152	130	148	210	273	280	321	336	332

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 - November 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	0	0	0	0	0	0	0	0	2	1	1	2	3	4	5	5	4	3	2	2	1	1	1	1	2
2	2	2	2	2	3	3	4	6	5	5	8	9	9	10	12	8	7	7	6	7	7	6	7	8	6
3	6	5	5	8	6	6	5	6	9	8	9	8	8	9	9	8	7	4	3	5	5	3	2	2	6
4	2	1	1	1	2	2	2	2	3	4	6	5	4	4	4	3	2	1	0	1	1	1	1	2	2
5	1	1	1	1	1	2	2	2	2	3	4	4	4	4	5	4	3	2	3	3	3	3	3	3	3
6	3	3	3	3	3	3	4	4	5	5	4	4	5	5	4	4	3	1	2	2	2	2	3	4	3
7	4	3	2	2	2	2	2	4	5	6	6	7	7	6	5	4	3	2	1	1	0	0	0	1	3
8	2	2	2	2	2	3	2	3	2	3	4	4	3	3	3	2	2	2	2	1	1	1	0	0	2
9	1	1	1	0	0	1	1	1	3	4	4	5	5	6	6	5	4	3	4	4	4	5	5	5	3
10	5	5	6	6	5	5	5	5	6	6	6	7	7	9	9	7	5	5	4	5	5	5	5	4	6
11	4	4	3	3	3	3	3	3	3	3	3	4	7	6	5	7	7	8	7	7	8	8	7	7	5
12	6	5	4	5	4	4	3	3	4	6	6	6	5	4	4	4	3	3	2	1	1	0	0	1	4
13	1	1	0	0	0	1	1	1	3	5	4	4	3	3	3	3	3	3	2	2	0	1	1	1	2
14	2	1	0	2	2	2	2	3	3	5	5	6	7	8	8	7	5	4	4	4	5	5	9	10	4
15	9	9	6	6	8	8	9	7	7	8	8	6	6	6	5	4	2	2	2	1	1	1	1	2	5
16	4	6	4	4	3	2	2	4	5	6	8	9	8	9	8	7	5	4	5	6	4	5	6	5	5
17	5	3	3	2	2	2	1	2	3	6	5	4	3	4	3	2	1	2	1	1	0	0	1	1	2
18	0	1	0	0	0	0	0	0	0	2	2	2	3	4	3	3	2	2	3	2	2	1	1	0	1
19	0	0	0	0	1	0	0	0	2	3	3	3	4	4	4	4	4	3	3	2	3	3	3	2	2
20	3	2	2	2	1	1	1	0	1	2	4	5	5	5	4	2	1	1	1	3	2	2	2	1	2
21	2	2	1	2	1	0	1	2	2	3	4	4	5	5	4	4	2	2	3	3	3	1	1	0	2
22	1	1	1	2	2	2	3	3	4	5	4	5	5	5	5	5	3	3	3	2	3	3	4	4	3
23	4	3	3	3	3	3	4	3	3	3	2	3	3	3	3	2	1	1	2	3	3	2	2	2	3
24	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	1	2	3	3	2	2	1	2	2	2
25	2	2	2	0	1	1	1	1	2	2	3	3	4	5	6	4	4	3	3	3	3	3	2	2	3
26	2	2	3	6	5	4	7	4	3	4	4	5	7	7	4	2	1	5	6	4	4	1	1	1	4
27	3	4	4	3	3	6	7	5	6	7	7	7	7	6	5	4	3	2	2	2	2	2	2	3	4
28	3	2	3	3	3	3	3	1	3	5	5	5	5	5	5	4	3	2	2	1	2	1	1	2	3
29	2	1	2	3	3	2	2	2	2	3	3	3	3	2	3	3	4	3	2	2	3	4	5	6	3
30	4	5	7	6	6	6	5	5	7	8	9	9	10	9	10	9	8	6	7	7	6	6	6	6	7
Avg	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	4	3	3	3	3	3	3	3	3
S D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
S/A	0.74	0.72	0.69	0.78	0.72	0.75	0.79	0.66	0.55	0.44	0.43	0.39	0.39	0.41	0.45	0.47	0.54	0.54	0.57	0.61	0.71	0.76	0.8	0.82	0.43
Min	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1	1	1	0	1	0	0	0	0	0	1
Max	9	9	7	8	8	8	9	7	9	8	9	9	10	10	12	9	8	8	7	7	8	8	9	10	7

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 - November 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	1021	1021	1021	1020	1020	1020	1020	1021	1021	1021	1021	1020	1019	1018	1018	1017	1017	1017	1017	1016	1016	1016	1015	1014	1019
2	1013	1012	1012	1011	1010	1009	1009	1008	1007	1005	1004	1002	1001	999	998	998	998	999	999	999	1000	1000	1000	1001	1004
3	1002	1002	1003	1004	1005	1007	1008	1010	1010	1011	1011	1011	1011	1011	1011	1013	1014	1015	1017	1018	1019	1020	1021	1011	
4	1021	1022	1022	1023	1023	1024	1025	1026	1027	1027	1027	1027	1026	1026	1026	1026	1026	1027	1028	1028	1028	1028	1029	1029	1026
5	1029	1029	1029	1029	1029	1030	1030	1031	1031	1031	1031	1030	1029	1028	1028	1027	1027	1027	1027	1027	1027	1027	1027	1026	1029
6	1026	1026	1026	1025	1025	1025	1025	1025	1025	1025	1024	1023	1022	1021	1020	1020	1019	1020	1020	1019	1019	1019	1019	1019	1022
7	1019	1019	1019	1019	1020	1020	1021	1022	1022	1023	1023	1022	1021	1020	1020	1020	1020	1020	1021	1021	1021	1021	1021	1021	1021
8	1021	1021	1022	1022	1022	1022	1023	1023	1024	1024	1024	1024	1023	1022	1022	1022	1022	1022	1022	1022	1022	1022	1023	1023	1022
9	1023	1023	1022	1023	1023	1023	1023	1023	1024	1024	1023	1022	1021	1020	1020	1020	1019	1019	1020	1020	1019	1019	1019	1019	1021
10	1019	1018	1018	1018	1018	1018	1018	1019	1018	1018	1018	1018	1016	1015	1014	1014	1013	1013	1013	1013	1013	1013	1014	1014	1016
11	1014	1013	1013	1013	1013	1013	1014	1014	1015	1016	1016	1016	1016	1016	1017	1018	1019	1019	1020	1020	1021	1022	1022	1022	1017
12	1023	1022	1023	1022	1023	1023	1023	1024	1024	1024	1024	1024	1023	1022	1022	1022	1021	1021	1022	1021	1021	1021	1021	1020	1022
13	1019	1019	1019	1018	1018	1018	1019	1019	1019	1019	1019	1018	1017	1016	1016	1016	1016	1017	1017	1017	1017	1016	1016	1016	1018
14	1015	1014	1014	1013	1013	1012	1012	1011	1011	1010	1009	1008	1006	1004	1003	1002	1002	1002	1002	1002	1001	1002	1003	1005	1007
15	1005	1006	1006	1007	1007	1008	1008	1009	1009	1008	1008	1008	1007	1006	1005	1005	1005	1005	1005	1005	1004	1004	1004	1004	1006
16	1004	1004	1005	1005	1005	1005	1005	1005	1006	1005	1005	1004	1004	1004	1004	1004	1005	1006	1006	1007	1008	1009	1010	1011	1006
17	1011	1012	1012	1013	1014	1015	1016	1017	1018	1018	1018	1018	1018	1018	1018	1018	1019	1020	1021	1021	1022	1022	1022	1022	1018
18	1023	1023	1023	1024	1024	1024	1025	1025	1026	1027	1026	1026	1025	1025	1025	1025	1025	1025	1025	1026	1026	1026	1027	1027	1025
19	1027	1027	1026	1026	1026	1027	1027	1028	1028	1028	1028	1028	1027	1026	1025	1025	1025	1025	1025	1026	1026	1025	1025	1024	1026
20	1023	1023	1023	1022	1022	1022	1022	1023	1023	1023	1022	1021	1020	1020	1019	1019	1019	1019	1019	1019	1020	1020	1019	1019	1021
21	1019	1019	1019	1018	1018	1019	1020	1020	1021	1020	1020	1020	1019	1018	1018	1018	1019	1019	1019	1020	1020	1020	1020	1019	1019
22	1019	1019	1019	1019	1019	1020	1020	1021	1021	1021	1021	1021	1020	1020	1020	1020	1020	1020	1021	1021	1021	1021	1021	1021	1020
23	1021	1021	1021	1021	1021	1021	1022	1022	1023	1023	1023	1022	1022	1022	1021	1021	1021	1021	1021	1022	1022	1022	1022	1021	1022
24	1021	1021	1021	1021	1021	1021	1021	1021	1022	1022	1022	1022	1021	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1020	1021
25	1019	1019	1019	1019	1019	1019	1019	1020	1020	1020	1020	1019	1018	1018	1017	1017	1017	1017	1017	1017	1017	1016	1016	1016	1018
26	1015	1015	1015	1014	1014	1014	1014	1014	1014	1014	1013	1012	1012	1011	1011	1010	1010	1010	1010	1010	1010	1010	1010	1009	1012
27	1008	1008	1008	1008	1008	1009	1011	1012	1013	1013	1014	1013	1013	1013	1013	1013	1013	1014	1014	1015	1015	1015	1016	1015	1012
28	1015	1015	1016	1016	1017	1018	1018	1019	1020	1021	1021	1021	1020	1020	1020	1021	1022	1022	1023	1023	1023	1024	1024	1024	1020
29	1024	1024	1025	1025	1025	1026	1026	1026	1027	1027	1027	1027	1025	1025	1024	1024	1024	1025	1025	1025	1025	1026	1026	1026	1025
30	1026	1026	1026	1026	1026	1027	1027	1027	1028	1028	1027	1027	1026	1025	1026	1026	1027	1027	1028	1028	1028	1027	1027	1027	1027
Avg	1018	1018	1018	1018	1018	1019	1019	1019	1020	1020	1020	1019	1018	1018	1017	1017	1017	1018	1018	1018	1018	1018	1018	1018	1018
S D	7	7	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	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	0.01
Min	1002	1002	1003	1004	1005	1005	1005	1005	1006	1005	1004	1002	1001	999	998	998	998	999	999	999	1000	1000	1000	1001	1004
Max	1029	1029	1029	1029	1029	1030	1030	1031	1031	1031	1031	1030	1029	1028	1028	1027	1027	1027	1028	1028	1028	1028	1029	1029	1029

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