

Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Univ. - December 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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	0	0	0	0	0	0	0	4	18	45	64	63	46	33	22	10	2	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	67	?	?	?	?	?	?	?	?	?	25	0	0	0	0	0	0	308
5	0	0	0	0	0	0	0	44	129	?	?	496	?	528	521	452	327	162	24	0	0	0	0	0	2683
6	0	0	0	0	0	0	0	45	191	335	434	498	484	299	171	89	18	0	0	0	0	0	0	0	2562
7	0	0	0	0	0	0	0	43	188	343	450	506	432	311	154	24	0	0	0	0	0	0	0	0	2951
8	0	0	0	0	0	0	0	43	171	316	432	495	504	432	289	175	26	0	0	0	0	0	0	0	2885
9	0	0	0	0	0	0	0	55	187	321	428	449	426	445	303	155	25	0	0	0	0	0	0	0	2792
10	0	0	0	0	0	0	0	9	19	59	94	228	52	85	48	17	3	0	0	0	0	0	0	0	615
11	0	0	0	0	0	0	0	8	37	75	87	120	195	118	141	65	9	0	0	0	0	0	0	0	855
12	0	0	0	0	0	0	0	25	75	309	303	273	444	277	178	107	16	0	0	0	0	0	0	0	2006
13	0	0	0	0	0	0	0	19	135	315	434	495	475	362	207	108	12	0	0	0	0	0	0	0	2563
14	0	0	0	0	0	0	0	9	61	143	123	144	50	?	28	20	19	5	0	0	0	0	0	0	601
15	0	0	0	0	0	0	0	32	167	323	423	446	434	408	298	150	24	0	0	0	0	0	0	0	2705
16	0	0	0	0	0	0	0	3	13	57	63	88	142	104	69	56	19	0	0	0	0	0	0	0	615
17	0	0	0	0	0	0	0	1	34	84	287	189	207	389	275	92	31	0	0	0	0	0	0	0	1590
18	0	0	0	0	0	0	0	31	168	323	438	499	500	436	321	162	21	0	0	0	0	0	0	0	2899
19	0	0	0	0	0	0	0	18	87	71	82	63	44	70	131	161	23	0	0	0	0	0	0	0	751
20	0	0	0	0	0	0	0	6	72	231	332	270	485	448	323	165	27	0	0	0	0	0	0	0	2360
21	0	0	0	0	0	0	0	30	159	313	435	499	500	449	383	135	37	0	0	0	0	0	0	0	2941
22	0	0	0	0	0	0	0	5	29	193	362	492	501	447	333	178	36	0	0	0	0	0	0	0	2576
23	0	0	0	0	0	0	0	28	162	321	442	505	508	447	332	173	31	0	0	0	0	0	0	0	2950
24	0	0	0	0	0	0	0	40	190	334	447	494	497	439	326	171	31	0	0	0	0	0	0	0	2968
25	0	0	0	0	0	0	0	29	167	333	459	473	341	364	347	187	38	0	0	0	0	0	0	0	2738
26	0	0	0	0	0	0	0	26	158	317	438	501	502	440	333	145	26	0	0	0	0	0	0	0	2886
27	0	0	0	0	0	0	0	18	99	222	349	482	481	418	283	111	22	0	0	0	0	0	0	0	2485
28	0	0	0	0	0	0	0	16	92	257	355	366	358	280	190	91	17	0	0	0	0	0	0	0	2023
29	0	0	0	0	0	0	0	25	157	318	439	502	507	447	293	126	22	0	0	0	0	0	0	0	2836
30	0	0	0	0	0	0	0	24	112	?	321	438	?	490	432	312	136	34	0	0	0	0	0	0	2300
Avg	0	0	0	0	0	0	0	25	114	242	338	372	378	333	243	122	22	0	0	0	0	0	0	0	2022
S D	0	0	0	0	0	0	0	17	60	108	144	164	170	148	107	50	10	0	0	0	0	0	0	0	1003
S/A	0	0	0	0	0	0	0	0.66	0.53	0.45	0.42	0.44	0.45	0.45	0.44	0.41	0.46	0	0	0	0	0	0	0	0.5
Min	0	0	0	0	0	0	0	1	13	45	63	63	44	28	20	10	2	0	0	0	0	0	0	0	2
Max	0	0	0	0	0	0	0	67	191	343	496	528	521	452	383	187	38	0	0	0	0	0	0	0	2968

Daylight Data Recovery: 7% missing; 4% exceed the 15% QC threshold -- 3504 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. - December 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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0*
4	0	0	0	0	0	0	0	7	19 ?	? ?	? ?	? ?	? ?	? ?	? ?	? ?	4	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	5	13 ?	? ?	762 ?	851	864	846	795	656	230	0	0	0	0	0	0	0	0	5023 ?
6	0	0	0	0	0	0	0	269	584	600	596	707	766	247	101	8	10	0	0	0	0	0	0	0	0	3888
7	0	0	0	0	0	0	0	253	636	777	833	871	864	830	754	603	213	0	0	0	0	0	0	0	0	6633
8	0	0	0	0	0	0	0	250	535	690	789	825	802	817	648	548	73	0	0	0	0	0	0	0	0	5977
9	0	0	0	0	0	0	0	230	495	634	611	426	513	703	642	559	171	0	0	0	0	0	0	0	0	4983
10	0	0	0	0	0	0	0	1	1	1	0	48	1	2	1	0	0	0	0	0	0	0	0	0	0	54
11	0	0	0	0	0	0	0	1	1	1	1	2	4	0	2	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	11	6	243	95	115	518	117	18	32	0	0	0	0	0	0	0	0	0	1154
13	0	0	0	0	0	0	0	56	306	695	798	827	718	468	115	85	1	0	0	0	0	0	0	0	0	4069
14	0	0	0	0	0	0	0	1	4	10	3	2	0 ?	0	0	0	0	0	0	0	0	0	0	0	0	21
15	0	0	0	0	0	0	0	193	574	725	669	566	533	642	579	426	82	0	0	0	0	0	0	0	0	4989
16	0	0	0	0	0	0	0	1	0	1	1	0	2	2	0	0	1	0	0	0	0	0	0	0	0	8
17	0	0	0	0	0	0	0	0	3	12	283	166	126	637	526	300	255	0	0	0	0	0	0	0	0	2309
18	0	0	0	0	0	0	0	252	667	805	868	896	895	866	810	652	193	0	0	0	0	0	0	0	0	6904
19	0	0	0	0	0	0	0	15	7	1	2	0	0	0	64	602	153	0	0	0	0	0	0	0	0	846
20	0	0	0	0	0	0	0	0	0	123	116	11	605	834	766	625	255	0	0	0	0	0	0	0	0	3333
21	0	0	0	0	0	0	0	220	655	775	872	903	898	879	768	274	176	0	0	0	0	0	0	0	0	6422
22	0	0	0	0	0	0	0	0	0	199	543	827	859	856	797	680	320	0	0	0	0	0	0	0	0	5082
23	0	0	0	0	0	0	0	209	629	788	857	896	904	877	817	683	302	0	0	0	0	0	0	0	0	6962
24	0	0	0	0	0	0	0	209	647	786	842	864	865	832	765	617	255	0	0	0	0	0	0	0	0	6682
25	0	0	0	0	0	0	0	272	717	856	916	853	612	722	853	731	347	0	0	0	0	0	0	0	0	6878
26	0	0	0	0	0	0	0	221	654	801	865	891	888	849	795	356	75	0	0	0	0	0	0	0	0	6396
27	0	0	0	0	0	0	0	30	21	128	424	769	641	636	456	31	3	0	0	0	0	0	0	0	0	3138
28	0	0	0	0	0	0	0	9	36	184	166	145	126	46	19	2	0	0	0	0	0	0	0	0	0	732
29	0	0	0	0	0	0	0	198	638	801	866	892	893	842	411	11	0	0	0	0	0	0	0	0	0	5552
30	0	0	0	0	0	0	0	196	550 ?	753	816	? 812	757	636	303	143	0	0	0	0	0	0	0	0	0	4965
Avg	0	0	0	0	0	0	0	111	300	438	504	514	545	530	449	314	113	0	0	0	0	0	0	0	0	3554
S D	0	0	0	0	0	0	0	111	300	345	356	383	354	357	338	283	117	0	0	0	0	0	0	0	0	2630
S/A	0	0	0	0	0	0	0	1	1	0.79	0.71	0.75	0.65	0.67	0.75	0.9	1.04	0	0	0	0	0	0	0	0	0.74
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	0	0
Max	0	0	0	0	0	0	0	272	717	856	916	903	904	879	853	731	347	0	0	0	0	0	0	0	0	6962

Daylight Data Recovery: 7% missing; 4% exceed the 15% QC threshold -- 3504 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. - December 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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
3	0	0	0	0	0	0	0	4	18	43	62	61	45	32	21	9	2	0	0	0	0	0	0	0	2	
4	0	0	0	0	0	0	0	29	182	?	?	61	?	32	?	22	?	7	0	0	0	0	0	0	0	296
5	0	0	0	0	0	0	0	16	32	?	?	60	?	63	59	54	45	33	10	0	0	0	0	0	0	372
6	0	0	0	0	0	0	0	19	60	102	144	123	83	174	125	84	17	0	0	0	0	0	0	0	0	931
7	0	0	0	0	0	0	0	20	47	57	59	57	56	54	48	35	10	0	0	0	0	0	0	0	0	442
8	0	0	0	0	0	0	0	23	51	63	61	70	92	59	60	66	22	0	0	0	0	0	0	0	0	566
9	0	0	0	0	0	0	0	41	81	83	136	218	148	120	78	43	13	0	0	0	0	0	0	0	0	961
10	0	0	0	0	0	0	0	9	18	58	91	191	51	82	47	17	3	0	0	0	0	0	0	0	0	570
11	0	0	0	0	0	0	0	8	36	73	86	116	189	114	136	63	9	0	0	0	0	0	0	0	0	830
12	0	0	0	0	0	0	0	25	71	207	260	195	158	215	168	96	15	0	0	0	0	0	0	0	0	1410
13	0	0	0	0	0	0	0	12	58	62	65	70	101	131	159	83	12	0	0	0	0	0	0	0	0	753
14	0	0	0	0	0	0	0	10	58	137	120	140	49	?	27	19	19	5	0	0	0	0	0	0	0	584
15	0	0	0	0	0	0	0	17	49	67	108	138	143	108	89	60	16	0	0	0	0	0	0	0	0	795
16	0	0	0	0	0	0	0	4	12	56	62	86	139	102	68	55	18	0	0	0	0	0	0	0	0	603
17	0	0	0	0	0	0	0	1	33	76	138	105	136	92	87	43	12	0	0	0	0	0	0	0	0	723
18	0	0	0	0	0	0	0	13	37	48	51	53	51	48	40	32	7	0	0	0	0	0	0	0	0	379
19	0	0	0	0	0	0	0	17	82	69	80	62	44	69	107	41	10	0	0	0	0	0	0	0	0	580
20	0	0	0	0	0	0	0	6	70	170	274	255	172	71	55	37	10	0	0	0	0	0	0	0	0	1120
21	0	0	0	0	0	0	0	13	37	55	49	50	50	54	112	74	27	0	0	0	0	0	0	0	0	521
22	0	0	0	0	0	0	0	5	28	109	109	78	68	59	52	37	13	0	0	0	0	0	0	0	0	558
23	0	0	0	0	0	0	0	14	39	51	57	57	53	49	43	31	9	0	0	0	0	0	0	0	0	403
24	0	0	0	0	0	0	0	15	41	69	71	60	59	59	52	39	12	0	0	0	0	0	0	0	0	478
25	0	0	0	0	0	0	0	11	33	45	51	48	32	38	43	33	12	0	0	0	0	0	0	0	0	347
26	0	0	0	0	0	0	0	12	35	48	53	55	54	53	48	55	21	0	0	0	0	0	0	0	0	434
27	0	0	0	0	0	0	0	15	93	167	141	86	136	109	103	101	21	0	0	0	0	0	0	0	0	972
28	0	0	0	0	0	0	0	15	82	181	274	281	280	255	183	86	16	0	0	0	0	0	0	0	0	1655
29	0	0	0	0	0	0	0	11	37	48	52	53	52	57	127	121	21	0	0	0	0	0	0	0	0	578
30	0	0	0	0	0	0	0	11	39	56	63	?	75	79	78	65	21	0	0	0	0	0	0	0	0	486
Avg	0	0	0	0	0	0	0	14	52	85	103	106	95	88	81	53	13	0	0	0	0	0	0	0	0	641
S D	0	0	0	0	0	0	0	8	32	47	66	66	58	54	44	27	6	0	0	0	0	0	0	0	0	341
S/A	0	0	0	0	0	0	0	0.58	0.62	0.55	0.64	0.62	0.61	0.61	0.55	0.52	0.49	0	0	0	0	0	0	0	0	0.53
Min	0	0	0	0	0	0	0	1	12	43	49	48	32	27	19	9	2	0	0	0	0	0	0	0	0	2
Max	0	0	0	0	0	0	0	41	182	207	274	281	280	255	183	121	27	0	0	0	0	0	0	0	0	1655

Daylight Data Recovery: 7% missing; 4% exceed the 15% QC threshold -- 3504 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. - December 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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5*	4	3	4	3	3	3	3	4	1*
3	3	3	2	2	2	2	1	0	0	1	1	1	2	1	1	0	0	0	0	0	0	0	0	-0	-0	1
4	-0	0	0	0	0	-0	-2	-1	0	2	3	4	6	7	7	7	6	5	3	2	2	1	-0	-2	-2	2
5	-2	-2	-2	-1	-1	-1	-1	-2	0	2	4	6	7	8	9	9	8	7	5	5	5	4	3	3	3	3
6	2	2	1	-0	-1	-0	1	1	2	2	3	3	4	4	4	3	3	2	2	1	1	1	0	0	2	5
7	1	1	1	1	2	1	1	1	2	4	6	7	8	9	9	9	9	7	6	6	5	4	4	4	4	5
8	4	4	4	4	5	5	5	5	7	9	10	11	13	14	14	14	13	12	11	10	9	8	8	6	9	9
9	6	6	5	5	5	4	4	4	5	6	7	7	7	6	6	5	5	4	3	3	2	2	1	2	5	5
10	3	4	4	5	6	7	7	7	8	9	9	11	11	10	11	11	8	8	7	6	6	6	6	6	7	7
11	5	5	5	5	5	5	5	5	5	6	6	6	8	8	8	8	8	8	8	8	8	9	9	10	7	7
12	10	10	12	13	13	14	14	15	15	16	16	15	16	14	13	12	11	10	8	7	6	5	4	3	11	11
13	3	2	2	1	1	1	0	0	1	2	4	6	7	7	7	6	6	6	6	7	7	8	10	13	5	5
14	14	14	15	16	17	17	18	18	19	19	20	21	20	15	13	12	12	12	12	11	10	10	9	9	15	15
15	8	7	6	5	5	5	4	4	5	6	7	7	7	7	7	6	6	5	5	5	5	5	6	7	6	6
16	8	9	9	10	11	13	14	14	11	10	11	10	10	11	11	11	11	11	11	12	12	16	17	18	12	12
17	18	19	20	20	20	20	21	19	18	19	20	19	15	15	13	9	8	8	7	6	5	4	3	3	14	14
18	2	1	1	0	-0	-1	-1	-1	-0	1	2	4	5	6	7	7	7	5	4	4	4	3	3	3	3	3
19	3	3	3	2	2	2	2	2	3	5	6	6	7	7	7	9	8	7	6	6	7	6	4	3	5	5
20	2	2	1	1	0	0	-1	-2	-2	-2	-1	-1	0	1	2	2	2	0	-1	-1	-1	-1	-2	-3	-0	-0
21	-4	-4	-3	-4	-3	-4	-4	-4	-1	2	3	4	4	5	6	6	5	4	3	2	2	2	2	2	1	1
22	3	3	3	3	3	3	3	3	3	4	5	6	6	7	7	6	5	3	1	0	-1	-1	-2	-2	3	3
23	-3	-3	-4	-5	-5	-6	-6	-6	-5	-4	-3	-2	-1	-0	0	1	0	-1	-1	-2	-3	-3	-4	-5	-3	-3
24	-5	-6	-6	-6	-7	-7	-7	-7	-4	-1	3	4	5	6	6	6	4	3	3	2	3	3	3	2	-0	-0
25	1	1	1	-0	-1	-1	-2	-3	-2	-2	-2	-1	-1	-1	-0	-1	-1	-2	-3	-3	-4	-4	-5	-5	-2	-2
26	-5	-6	-6	-6	-6	-7	-7	-7	-7	-5	-4	-2	-1	-0	0	0	-0	-1	-1	-1	-1	-1	-1	-1	-3	-3
27	-1	-1	-2	-2	-2	-2	-2	-3	-2	0	2	4	6	6	6	6	5	4	4	4	4	3	2	2	2	2
28	2	2	2	2	2	2	1	-0	-0	0	1	0	1	0	0	0	-0	-1	-1	-1	-1	-2	-2	-2	0	0
29	-2	-2	-2	-3	-3	-3	-4	-4	-3	-1	0	2	3	4	4	3	1	0	0	0	0	0	0	-0	-0	-0
30	-0	-1	-1	-1	-1	-2	-3	-3	-2	-1	1	2	2	3	3	3	1	-0	-1	-1	-1	-2	-2	-3	-0	-0
Avg	3	3	3	2	2	2	2	2	3	4	5	6	6	6	6	6	5	5	4	4	3	3	3	3	4	4
S/D	5	5	6	6	6	7	7	7	6	6	6	6	5	4	4	4	4	4	4	4	4	4	5	5	5	5
S/A	1.92	2.08	2.28	2.46	2.61	2.79	3.24	3.43	2.38	1.56	1.21	1	0.82	0.7	0.64	0.65	0.71	0.86	1.01	1.12	1.23	1.41	1.65	1.94	1.26	1.26
Min	-5	-6	-6	-6	-7	-7	-7	-7	-7	-5	-4	-2	-1	-1	-0	-1	-1	-2	-3	-3	-4	-4	-5	-5	-3	-3
Max	18	19	20	20	20	20	21	19	19	19	20	21	20	15	14	14	13	12	12	12	12	16	17	18	15	15

Data Recovery: 6% 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. - December 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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	69	76	74	69	68	65	65	66	23
3	64	67	70	72	77	81	97	99	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	26
4	?	?	?	100	?	100	100	?	?	99	?	95	92	86	74	61	54	49	47	49	58	70	72	70	76	80
5	79	81	79	75	74	69	69	71	62	52	45	46	45	46	46	48	53	58	65	67	67	67	72	75	63	
6	74	76	79	83	84	82	80	79	73	68	66	63	60	60	61	65	69	73	75	80	82	86	85	85	75	
7	88	91	93	93	91	90	85	80	72	66	61	55	49	48	48	48	52	58	63	66	73	79	82	85	71	
8	82	83	84	83	81	80	79	77	73	63	59	52	47	42	37	40	47	53	57	60	65	68	70	78	65	
9	84	86	87	82	80	84	84	72	65	62	63	62	61	63	67	73	76	78	81	83	86	89	91	76	?	
10	89	88	89	89	91	90	93	96	97	98	99	98	?	97	100	?	99	?	?	?	?	?	?	?	?	59
11	?	?	?	?	?	?	?	?	?	?	?	?	99	?	98	98	99	99	?	?	?	?	?	?	?	21
12	?	?	?	?	?	?	?	99	?	97	95	88	73	65	41	31	30	31	32	36	39	41	44	45	50	
13	57	59	61	64	67	69	72	72	72	71	70	69	69	69	72	76	81	84	87	90	92	96	96	89	75	
14	91	100	?	?	?	?	?	?	?	?	100	?	96	95	?	?	?	?	100	?	?	?	?	?	?	24
15	93	?	86	83	84	84	87	87	84	78	74	72	68	68	70	74	81	85	87	90	92	94	95	96	83	
16	95	96	97	98	98	99	99	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	28
17	?	?	100	?	99	97	95	94	97	98	97	93	91	84	55	47	59	59	60	54	53	54	52	57	69	
18	61	63	65	66	68	71	72	74	67	62	59	56	53	52	49	52	53	61	69	73	81	85	89	90	66	
19	93	94	94	96	97	95	95	95	90	90	85	81	80	80	78	67	69	78	85	81	82	96	99	99	87	
20	98	94	90	87	90	93	86	80	76	75	74	72	64	56	52	49	50	56	60	63	64	62	69	80	73	
21	81	83	82	83	82	82	86	85	71	59	58	53	50	46	44	48	50	55	63	61	68	69	75	85	67	
22	85	83	85	86	81	81	83	83	83	74	62	51	45	42	39	38	37	37	38	40	42	42	42	43	61	
23	44	47	54	52	55	55	53	55	54	51	49	47	43	41	41	40	41	48	54	58	61	63	69	76	52	
24	81	82	87	83	86	86	88	85	76	52	46	36	35	32	32	33	35	43	48	47	49	48	48	51	58	
25	54	57	58	58	56	51	47	45	42	38	35	33	32	30	29	28	30	33	37	40	44	46	48	52	43	
26	57	59	60	62	64	65	66	70	70	63	58	48	42	37	34	33	36	39	41	40	44	47	46	46	51	
27	49	55	83	84	82	82	85	88	87	75	54	46	46	49	51	52	53	56	59	63	66	71	73	71	66	
28	66	67	66	70	69	71	75	81	81	74	66	63	50	44	34	35	36	40	43	45	49	55	60	65	58	
29	64	67	67	68	69	69	72	76	75	73	70	64	57	55	58	70	81	87	90	90	88	88	90	95	74	
30	99	?	99	98	97	98	96	96	89	79	67	62	56	52	50	54	62	68	72	74	73	60	50	51	71	
Avg	76	77	80	81	81	81	82	82	77	71	67	63	59	54	53	52	56	61	63	64	67	69	71	73	58	
S/D	16	15	13	13	13	13	13	13	13	15	16	16	18	18	19	17	18	18	16	16	16	17	17	17	18	
S/A	0.21	0.19	0.17	0.16	0.16	0.16	0.16	0.16	0.18	0.21	0.24	0.26	0.31	0.33	0.36	0.32	0.32	0.29	0.26	0.25	0.24	0.25	0.24	0.23	0.32	
Min	44	47	54	52	55	51	47	45	42	38	35	33	32	30	29	28	30	33	37	38	40	42	42	43	21	
Max	99	100	100	100	100	100	99	99	98	98	100	98	99	100	99	99	99	100	90	90	92	96	99	99	87	

Data Recovery: 6% missing; 14% 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. - December 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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5	4	3	3	3	3	3	3	3	1
3	3	3	2	2	2	2	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	-0	-0	1
4	-0	-0	0	-0	-1	-1	-2	-2	0	3	4	6	7	8	9	8	7	4	1	-1	-1	-2	-3	-4	2	
5	-4	-4	-4	-4	-3	-3	-3	-3	-0	3	6	8	9	10	10	10	8	6	4	3	3	2	2	1	2	
6	0	-0	-1	-2	-3	-3	-2	-1	1	3	5	6	7	7	6	4	3	1	1	0	0	-1	-2	-2	1	
7	-1	-0	0	0	1	1	0	0	2	5	7	9	10	11	10	10	9	7	5	4	3	3	2	2	4	
8	2	2	2	2	2	3	3	3	6	9	11	13	15	15	15	15	14	11	10	9	8	7	6	5	8	
9	4	4	4	3	3	3	2	3	5	7	9	10	9	9	8	7	6	4	2	2	1	0	-0	-0	4	
10	1	3	3	4	5	6	6	7	7	8	9	10	11	11	11	11	9	8	7	7	6	6	6	6	7	
11	5	5	5	5	5	5	5	5	6	6	6	7	9	9	9	9	9	8	8	8	8	9	9	9	7	
12	10	10	11	12	13	13	14	14	14	16	17	17	18	17	15	13	11	9	8	7	6	5	3	3	11	
13	2	1	0	0	-0	-0	-1	-1	0	3	6	8	10	10	8	7	6	6	6	6	7	7	9	11	5	
14	13	13	14	15	16	16	17	17	18	19	20	21	21	17	14	13	12	12	12	11	11	9	9	9	14	
15	8	7	6	5	4	4	3	3	5	7	9	10	10	10	10	8	7	5	4	4	4	5	5	6	6	
16	7	8	9	9	10	12	13	14	13	11	11	11	10	11	12	12	12	11	11	11	12	14	16	17	11	
17	17	18	18	19	19	20	20	19	18	18	20	20	16	17	15	12	10	8	7	6	5	4	3	2	14	
18	1	0	-1	-1	-1	-2	-2	-2	-0	3	5	7	8	9	9	9	7	4	3	2	2	1	1	0	2	
19	0	1	1	0	0	0	0	0	1	3	5	6	7	7	7	9	9	7	5	6	6	6	4	3	4	
20	2	2	1	1	0	0	-0	-1	-2	-1	1	2	4	4	4	2	-1	-3	-4	-4	-4	-4	-5	-0	-0	
21	-6	-7	-7	-7	-6	-6	-7	-7	-3	2	6	7	8	8	9	8	6	3	1	-0	-0	-0	1	1	0	
22	1	2	2	3	3	2	2	3	3	4	6	7	8	9	8	8	6	3	1	-0	-2	-3	-3	-4	3	
23	-4	-5	-5	-6	-7	-7	-8	-8	-5	-3	-1	2	3	3	2	1	-2	-3	-4	-5	-5	-6	-7	-3	-3	
24	-8	-9	-9	-9	-10	-10	-10	-9	-6	-1	4	6	7	7	8	7	6	4	1	1	0	0	0	0	-1	
25	-0	-1	-2	-2	-3	-3	-3	-4	-2	-1	1	1	1	0	1	1	-0	-3	-4	-5	-6	-6	-6	-6	-2	
26	-7	-7	-8	-8	-8	-8	-9	-8	-7	-4	-1	2	3	3	2	0	-0	-1	-2	-2	-2	-1	-1	-3	-3	
27	-1	-1	-2	-2	-2	-2	-3	-4	-3	-0	3	6	8	8	8	7	6	5	4	3	3	2	1	0	2	
28	1	1	2	1	1	1	-0	-1	-1	0	2	2	2	2	1	1	-0	-1	-2	-2	-2	-2	-2	-3	0	
29	-2	-2	-3	-3	-3	-3	-4	-5	-3	-0	2	4	6	7	7	5	3	2	1	0	0	0	0	0	0	
30	-0	-0	-1	-2	-2	-3	-4	-4	-3	-0	2	3	5	5	5	4	2	-0	-2	-2	-3	-3	-3	-4	-0	
Avg	2	1	1	1	1	1	1	1	2	4	6	7	8	8	8	7	6	4	3	3	2	2	2	1	3	
S/D	6	6	6	6	7	7	7	7	6	6	6	5	5	4	4	4	4	4	4	4	4	5	5	5	5	
S/A	3.58	3.99	4.43	4.77	5.23	5.4	7.17	7.63	2.75	1.34	0.89	0.7	0.59	0.53	0.5	0.53	0.63	0.93	1.35	1.72	2.01	2.42	3	3.76	1.34	
Min	-8	-9	-9	-9	-10	-10	-10	-9	-7	-4	-1	1	1	0	1	0	-0	-3	-4	-5	-6	-6	-6	-7	-3	
Max	17	18	18	19	19	20	20	19	18	19	20	21	21	17	15	15	14	12	12	11	12	14	16	17	14	

Data Recovery: 6% 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. - December 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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3*	4	3	3	3	4	3	3	1*
3	4	4	4	4	4	4	4	4	4	4	5	6	6	6	6	5	5	4	4	3	3	3	3	2	4
4	2	1	0	1	0	0	0	0	0	2	2	3	3	3	3	3	2	1	0	1	2	1	1	1	1
5	1	1	2	2	2	2	1	2	2	3	4	4	4	4	3	3	2	2	1	2	2	2	2	2	2
6	2	1	1	1	1	1	2	2	3	3	3	2	1	1	1	1	0	1	1	1	0	0	1	0	1
7	0	1	1	2	2	2	3	3	4	4	4	4	5	4	4	4	2	1	1	1	1	1	1	1	2
8	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	3	1	1	1	1	2	2	2	2
9	2	1	2	2	3	2	2	2	3	4	4	5	5	5	5	4	3	2	2	2	2	1	1	1	3
10	2	2	2	2	3	3	2	2	2	2	1	2	2	2	1	1	2	2	2	2	2	1	1	0	2
11	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	1	2	1
12	2	3	3	5	4	5	6	6	6	6	7	5	5	4	4	3	3	3	3	3	4	3	3	4	4
13	3	2	2	2	3	3	3	3	4	4	3	4	4	4	4	4	4	4	4	4	3	3	2	5	3
14	6	6	5	5	3	3	4	4	4	4	4	6	6	4	4	4	4	3	2	2	1	1	3	3	4
15	2	3	3	3	3	3	3	2	3	4	5	4	4	3	4	4	3	2	3	2	2	2	2	2	3
16	3	2	2	2	1	2	3	2	2	1	1	2	1	1	1	1	1	1	1	1	1	2	5	5	2
17	6	5	6	7	7	8	9	8	7	6	7	7	8	10	10	10	8	7	7	7	7	6	5	5	7
18	3	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	0	1	1	1	0	0	0	2
19	1	1	1	0	1	1	0	1	1	1	0	2	1	1	1	1	1	1	1	2	3	2	6	3	1
20	3	3	4	2	2	3	4	4	4	2	3	3	3	3	2	2	1	0	0	0	0	1	0	0	2
21	0	0	1	1	1	0	0	0	0	1	1	2	2	1	2	2	1	1	0	1	0	1	1	0	1
22	1	0	1	1	1	0	1	1	3	4	5	5	6	5	6	6	5	5	4	4	4	3	3	3	3
23	3	3	3	3	3	4	3	2	2	3	3	2	2	2	2	2	1	1	2	1	1	0	0	0	2
24	0	0	0	0	0	0	0	0	0	1	2	2	3	3	3	3	1	1	1	1	1	2	2	2	1
25	2	2	2	2	4	5	4	4	5	5	6	6	5	5	4	4	4	4	3	3	2	3	4	3	4
26	2	2	2	3	2	2	2	2	1	3	3	3	2	2	3	2	2	2	1	1	1	1	1	0	2
27	2	3	2	1	0	0	0	1	1	2	3	3	3	3	3	2	2	1	1	1	1	0	0	1	1
28	1	1	2	2	2	1	2	3	3	5	5	6	6	5	5	3	3	2	1	1	2	2	3	3	3
29	4	4	3	3	3	4	3	3	4	4	4	3	3	2	2	3	3	3	2	2	1	2	1	2	3
30	1	1	1	1	0	1	2	1	1	2	2	3	3	3	3	3	3	2	2	3	3	4	4	3	2
Avg	2	2	2	2	2	2	2	2	3	3	3	4	3	3	3	3	3	2	2	2	2	2	2	2	2
SD	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1
S/A	0.68	0.71	0.65	0.68	0.69	0.74	0.76	0.74	0.66	0.54	0.55	0.46	0.5	0.56	0.6	0.62	0.62	0.71	0.78	0.66	0.69	0.65	0.69	0.73	0.53
Min	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1
Max	6	6	6	7	7	8	9	8	7	6	7	7	8	10	10	10	8	7	7	7	7	6	6	5	7

Data Recovery: 6% 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. - December 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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	101	97	104	102	107	113	109	99	106	110	104	101	107	105	90	99	105	92	92	101	100	95	120	105	112	
4	120	120	120	120	120	120	120	120	120	71	95	96	96	90	104	91	89	79	64	71	81	64	35	47	92	
5	19	11	16	15	3	3	324	324	328	331	352	4	347	357	346	335	328	328	311	331	327	358	20	14	349	
6	34	41	18	8	51	80	102	112	115	133	110	154	143	144	177	204	210	185	209	221	225	269	269	304	127	
7	18	?	19	341	330	320	340	331	348	12	12	20	13	19	357	357	12	346	302	305	300	279	295	289	353	
8	299	285	292	282	295	296	288	282	296	319	333	3	348	347	6	319	331	337	7	23	102	149	147	121	327	
9	130	117	104	108	101	104	119	133	125	131	145	130	140	148	143	147	122	117	113	105	104	98	116	106	127	
10	101	103	105	109	150	132	134	134	141	140	127	159	84	142	108	76	83	101	66	72	47	71	66	72	111	
11	73	72	90	91	89	77	88	80	61	175	203	183	350	297	250	243	276	256	256	262	268	268	286	322	275	
12	322	312	308	315	324	324	333	339	8	11	32	71	69	62	109	68	97	78	102	115	113	123	140	128	35	
13	127	142	127	138	153	151	138	137	124	138	159	167	167	165	165	176	191	183	184	183	188	208	231	256	168	
14	258	268	283	301	316	318	327	332	321	344	339	352	21	68	74	70	33	47	45	55	75	98	129	168	349	
15	145	156	154	138	156	158	161	148	150	170	173	174	188	168	166	170	157	150	158	161	138	143	153	180	160	
16	183	165	166	185	187	225	233	213	72	109	82	43	50	329	341	309	276	252	262	252	239	270	296	292	245	
17	293	293	289	293	304	308	315	293	320	327	327	12	50	72	98	121	142	102	131	130	117	135	119	119	36	
18	125	117	121	111	118	125	119	125	134	126	119	109	109	120	54	60	46	27	8	351	358	20	37	46	107	
19	9	33	25	75	69	75	79	15	337	347	330	344	21	55	87	77	68	51	76	92	122	124	114	142	83	
20	147	143	166	142	142	123	123	138	130	148	143	164	128	138	165	173	202	189	164	187	223	220	145	126	146	
21	153	183	183	190	189	165	145	170	172	202	113	141	118	82	18	52	126	351	15	22	170	29	21	67	100	
22	101	120	98	131	161	67	61	81	105	113	131	148	127	135	131	128	126	133	126	148	150	154	144	176	133	
23	165	181	198	190	181	199	188	190	201	189	214	223	188	191	176	201	206	207	213	256	255	256	127	131	195	
24	166	164	164	165	21	177	158	86	142	123	105	108	111	117	106	105	73	53	90	79	79	99	114	121	105	
25	132	161	177	182	176	185	194	178	189	187	211	196	204	183	184	166	197	176	187	177	190	197	203	176	187	
26	171	183	175	184	175	209	189	146	160	175	154	178	162	156	138	119	112	129	153	162	116	118	130	132	159	
27	104	126	153	168	158	199	318	63	83	83	94	133	142	126	105	137	91	78	60	57	55	47	87	96	112	
28	107	113	139	146	152	155	189	200	204	213	205	200	209	201	195	193	198	195	229	203	221	216	214	237	198	
29	230	227	230	218	216	220	213	200	205	218	207	203	209	241	248	253	251	263	264	234	176	181	194	173	221	
30	173	173	173	173	173	173	173	173	173	173	161	141	154	109	162	167	148	133	116	98	109	121	148	147	146	
Avg	155	166	177	180	165	188	188	172	125	140	132	124	114	116	119	127	134	121	133	131	127	142	141	154	117	

Data Recovery: 6% 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. - December 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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5	6	5	5	5	6	5	5	2
3	5	6	6	6	6	7	6	7	6	7	7	8	8	8	9	8	7	7	6	5	5	5	5	4	6
4	4	2	2	2	1	0	1	1	1	3	4	5	6	5	4	5	3	1	1	1	2	1	1	2	2
5	1	2	2	3	2	2	2	2	3	4	5	6	6	6	5	4	3	2	2	2	2	2	3	3	3
6	2	2	2	1	2	3	3	3	5	5	5	4	3	2	2	2	2	1	2	2	0	1	1	0	2
7	1	1	2	3	3	3	4	5	6	7	6	7	8	6	6	6	4	1	2	2	2	2	2	2	4
8	3	3	3	3	3	3	3	4	4	5	6	6	5	6	6	5	4	2	2	2	2	2	2	3	4
9	3	2	2	3	4	3	4	4	5	6	7	7	7	8	7	6	5	4	4	3	2	2	2	2	4
10	2	3	3	3	4	4	3	3	3	3	2	3	4	3	2	3	3	3	3	4	3	3	2	1	3
11	3	2	3	2	3	3	1	1	0	1	1	0	1	1	2	2	2	3	3	3	4	3	2	3	2
12	3	4	5	8	6	8	8	9	10	10	11	8	9	8	7	5	5	5	6	5	6	5	6	6	7
13	5	4	4	3	5	4	5	5	6	6	5	7	6	6	6	7	6	5	6	5	4	4	4	8	5
14	9	8	7	7	5	5	6	7	7	7	6	9	9	7	7	7	6	5	4	4	3	3	5	4	6
15	4	5	5	5	5	5	5	4	5	7	7	6	5	5	5	6	5	4	4	3	4	4	4	4	5
16	5	3	3	3	2	4	4	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	4	7	3
17	8	8	9	11	11	12	13	12	11	10	11	11	13	15	16	15	12	10	12	10	10	9	8	8	11
18	5	4	4	5	5	4	4	3	4	4	3	3	4	3	3	3	2	1	1	2	1	1	0	3	3
19	1	1	1	1	1	2	1	2	1	1	1	3	2	2	2	1	1	2	1	3	4	3	9	6	2
20	6	7	7	5	4	6	7	6	7	5	6	5	5	5	4	3	2	1	1	1	1	2	1	1	4
21	0	0	1	1	1	0	1	1	1	1	2	3	3	3	3	3	2	1	0	1	0	1	1	1	1
22	1	0	1	2	2	1	1	2	4	6	8	7	9	9	10	10	8	8	8	8	7	6	5	6	5
23	6	6	6	6	5	6	5	4	5	5	5	4	4	4	3	2	1	2	2	2	1	1	1	1	4
24	0	0	0	1	0	0	0	0	1	2	3	3	4	5	4	2	2	2	2	2	3	3	3	3	2
25	4	4	3	3	6	7	7	6	8	9	10	9	8	9	8	7	6	6	6	5	4	6	6	5	6
26	4	4	4	5	5	4	4	3	3	5	4	5	4	4	5	4	4	3	2	2	2	2	2	1	3
27	2	4	3	2	1	0	0	1	2	3	4	5	5	5	4	2	1	1	1	1	2	1	1	1	2
28	2	2	3	3	3	3	4	4	5	8	8	8	9	8	8	5	5	4	2	2	4	3	4	5	5
29	6	6	6	6	5	7	5	5	6	6	6	5	4	4	4	5	4	4	3	2	3	4	3	3	5
30	3	2	2	2	1	2	3	2	3	3	4	5	6	5	6	6	6	4	3	4	5	6	6	6	4
Avg	4	3	4	4	4	4	4	4	4	5	5	6	6	6	5	5	4	3	3	3	3	3	4	4	4
S/D	2	2	2	2	2	3	3	3	3	2	3	2	3	3	3	3	2	2	2	2	2	2	2	2	2
S/A	0.62	0.63	0.58	0.62	0.61	0.68	0.7	0.68	0.59	0.48	0.5	0.42	0.46	0.49	0.55	0.57	0.56	0.67	0.74	0.65	0.64	0.61	0.65	0.67	0.49
Min	0	0	0	1	0	0	0	0	0	1	1	0	1	1	2	1	1	1	0	1	0	1	1	0	1
Max	9	8	9	11	11	12	13	12	11	10	11	11	13	15	16	15	12	10	12	10	10	9	9	8	11

Data Recovery: 6% 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. - December 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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*		1023		1023		023		1023		1023		1021		1021		1021		1021				383
11	*	*	*	*			1023		1020																	43
12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
25	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
26	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
27	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
28	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
29	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Avg	0	0	0	0	0	1023	1022	1023	1023	1023	1021	1021	1021	1021	0	0	0	0	0	0	0	0	0	0	0	213
S D	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170
S/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8
Min	0	0	0	0	0	1023	1020	1023	1023	1023	1021	1021	1021	1021	0	0	0	0	0	0	0	0	0	0	0	43
Max	0	0	0	0	0	1023	1023	1023	1023	1023	1021	1021	1021	1021	0	0	0	0	0	0	0	0	0	0	0	383

Data Recovery: 99% 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