

Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - January 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	0	35	175	319	440	506	510	454	354	187	33	0	0	0	0	0	0	0	3013
2	0	0	0	0	0	0	0	25	161	301	274	145	232	237	71	14	6	0	0	0	0	0	0	0	1467
3	0	0	0	0	0	0	0	2	12	54	63	207	448	459	348	191	44	0	0	0	0	0	0	0	1827
4	0	0	0	0	0	0	0	29	145	347	416	498	459	417	311	152	49	0	0	0	0	0	0	0	2821
5	0	0	0	0	0	0	0	18	165	329	456	497	479	328	315	207	51	0	0	0	0	0	0	0	2845
6	0	0	0	0	0	0	0	45	199	294	351	451	497	423	345	195	41	0	0	0	0	0	0	0	2840
7	0	0	0	0	0	0	0	25	157	313	434	505	511	446	345	191	47	0	0	0	0	0	0	0	2973
8	0	0	0	0	0	0	0	18	64	42	117	272	297	263	196	97	8	0	0	0	0	0	0	0	1374
9	0	0	0	0	0	0	0	3	28	73	89	298	379	311	266	150	22	0	0	0	0	0	0	0	1619
10	0	0	0	0	0	0	0	4	140	331	458	532	544	491	382	217	55	0	0	0	0	0	0	0	3155
11	0	0	0	0	0	0	0	28	167	332	461	535	543	484	372	211	50	0	0	0	0	0	0	0	3184
12	0	0	0	0	0	0	0	40	152	289	428	518	534	472	380	207	45	0	0	0	0	0	0	0	3065
13	0	0	0	0	0	0	0	31	104	220	316	306	402	413	356	183	48	0	0	0	0	0	0	0	2378
14	0	0	0	0	0	0	0	22	65	217	365	420	248	83	72	69	25	0	0	0	0	0	0	0	1587
15	0	0	0	0	0	0	0	1	4	46	75	133	344	491	339	228	59	0	0	0	0	0	0	0	1718
16	0	0	0	0	0	0	0	31	174	335	459	516	538	494	370	230	68	0	0	0	0	0	0	0	3216
17	0	0	0	0	0	0	0	42	173	284	400	489	409	387	220	125	41	0	0	0	0	0	0	0	2571
18	0	0	0	0	0	0	0	14	89	112	171	110	159	316	203	131	42	1	0	0	0	0	0	0	1346
19	0	0	0	0	0	0	0	20	186	360	492	570	580	521	409	244	74	0	0	0	0	0	0	0	3456
20	0	0	0	0	0	0	0	20	137	336	468	504	542	495	377	238	74	1	0	0	0	0	0	0	3192
21	0	0	0	0	0	0	0	20	113	302	428	508	500	476	341	131	51	1	0	0	0	0	0	0	2869
22	0	0	0	0	0	0	0	21	117	209	245	422	449	470	364	221	71	1	0	0	0	0	0	0	2592
23	0	0	0	0	0	0	0	33	168	335	481	537	539	509	391	219	35	1	0	0	0	0	0	0	3248
24	0	0	0	0	0	0	0	5	25	49	55	69	38	42	29	19	21	0	0	0	0	0	0	0	352
25	0	0	0	0	0	0	0	34	134	224	366	400	529	479	390	256	90	2	0	0	0	0	0	0	2905
26	0	0	0	0	0	0	0	41	193	373	501	573	585	533	418	262	93	3	0	0	0	0	0	0	3574
27	0	0	0	0	0	0	0	46	192	355	488	561	580	533	433	240	95	4	0	0	0	0	0	0	3527
28	0	0	0	0	0	0	0	38	187	359	487	564	573	518	404	259	92	3	0	0	0	0	0	0	3485
29	0	0	0	0	0	0	0	43	173	350	498	569	562	546	435	307	57	4	0	0	0	0	0	0	3544
30	0	0	0	0	0	0	0	26	182	366	464	536	557	562	429	271	107	3	0	0	0	0	0	0	3503
31	0	0	0	0	0	0	0	16	84	190	498	281	240	171	81	42	10	1	0	0	0	0	0	0	1613
Avg	0	0	0	0	0	0	0	25	131	260	363	420	445	414	314	184	52	1	0	0	0	0	0	0	2608
S/D	0	0	0	0	0	0	0	13	57	108	146	152	138	132	114	73	26	1	0	0	0	0	0	0	832
S/A	0	0	0	0	0	0	0	0.52	0.43	0.42	0.4	0.36	0.31	0.32	0.36	0.4	0.5	1.45	0	0	0	0	0	0	0.32
Min	0	0	0	0	0	0	0	1	4	42	55	69	38	42	29	14	6	0	0	0	0	0	0	0	352
Max	0	0	0	0	0	0	0	46	199	373	501	573	585	562	435	307	107	4	0	0	0	0	0	0	3574

Daylight Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 3720 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: 7.12 uV/Wm-2
Serial Number: 17897F3
Calibration Date: 9/13/96

Direct Normal Solar Radiation
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - January 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	0	198	628	805	869	898	894	878	817	692	230	0	0	0	0	0	0	0	6910
2	0	0	0	0	0	0	0	35	290	433	187	1	42	42	0	0	0	0	0	0	0	0	0	0	1030
3	0	0	0	0	0	0	0	0	0	0	0	13	594	863	824	690	343	0	0	0	0	0	0	0	3327
4	0	0	0	0	0	0	0	201	422	754	710	805	592	565	483	225	163	0	0	0	0	0	0	0	4921
5	0	0	0	0	0	0	0	91	632	798	862	733	688	392	429	575	309	0	0	0	0	0	0	0	5509
6	0	0	0	0	0	0	0	242	539	540	437	581	716	527	760	651	141	0	0	0	0	0	0	0	5134
7	0	0	0	0	0	0	0	169	591	735	814	857	836	807	769	630	294	0	0	0	0	0	0	0	6501
8	0	0	0	0	0	0	0	4	3	0	2	33	138	27	35	1	0	0	0	0	0	0	0	0	243
9	0	0	0	0	0	0	0	2	0	0	1	30	177	124	199	141	0	0	0	0	?	0	0	0	674
10	0	0	0	0	0	0	0	5	414	754	834	875	894	890	860	757	434	1	0	0	0	0	0	0	6719
11	0	0	0	0	0	0	0	204	635	805	885	921	915	887	816	681	270	0	0	0	0	0	0	0	7020
12	0	0	0	0	0	0	0	175	110	237	669	850	874	818	631	608	160	0	0	0	0	0	0	0	5132
13	0	0	0	0	0	0	0	71	29	87	100	69	281	447	617	242	55	0	0	0	0	0	0	0	1998
14	0	0	0	0	0	0	0	1	0	173	536	404	90	0	1	0	0	0	0	0	0	0	0	0	1206
15	0	0	0	0	0	0	0	0	0	0	0	1	319	825	650	760	398	8	0	0	0	0	0	0	2960
16	0	0	0	0	0	0	0	252	661	804	844	767	803	861	750	735	465	10	0	0	0	0	0	0	6952
17	0	0	0	0	0	0	0	249	509	406	528	589	362	388	109	9	0	0	0	0	0	0	0	0	3148
18	0	0	0	0	0	0	0	2	46	4	16	4	16	98	47	36	1	0	0	0	0	0	0	0	270
19	0	0	0	0	0	0	0	153	728	875	937	956	935	933	881	771	479	16	0	0	0	0	0	0	7664
20	0	0	0	0	0	0	0	37	281	786	827	726	849	831	721	556	418	4	0	0	0	0	0	0	6036
21	0	0	0	0	0	0	0	1	92	507	621	697	576	578	415	38	70	0	0	0	0	0	0	0	3594
22	0	0	0	0	0	0	0	0	17	71	4	434	430	642	614	540	267	6	0	0	0	0	0	0	3024
23	0	0	0	0	0	0	0	118	514	700	750	783	757	789	676	451	0	0	0	0	0	0	0	0	5538
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	175	278	19	109	94	565	654	648	678	456	30	0	0	0	0	0	0	3706
26	0	0	0	0	0	0	0	268	671	825	881	897	889	871	812	707	467	31	0	0	0	0	0	0	7320
27	0	0	0	0	0	0	0	227	608	766	842	854	859	769	680	569	337	23	0	0	0	0	0	0	6533
28	0	0	0	0	0	0	0	203	586	747	793	836	829	805	743	643	414	30	0	0	0	0	0	0	6629
29	0	0	0	0	0	0	0	102	313	497	679	601	700	834	751	577	10	4	0	0	0	0	0	0	5067
30	0	0	0	0	0	0	0	20	468	684	643	649	737	884	756	660	486	22	0	0	0	0	0	0	6007
31	0	0	0	0	0	0	0	0	20	42	344	25	5	1	0	0	0	0	0	0	0	0	0	0	436
Avg	0	0	0	0	0	0	0	103	325	447	507	516	560	582	532	439	215	6	0	0	0	0	0	0	4233
S/D	0	0	0	0	0	0	0	97	263	335	348	360	318	327	307	292	185	10	0	0	0	0	0	0	2445
S/A	0	0	0	0	0	0	0	0.94	0.81	0.75	0.69	0.7	0.57	0.56	0.58	0.66	0.86	1.71	0	0	0	0	0	0	0.58
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	1
Max	0	0	0	0	0	0	0	268	728	875	937	956	935	933	881	771	486	31	0	0	0	0	0	0	7664

Daylight Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 3720 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: 6.83 uV/Wm-2
Serial Number: 17828E6
Calibration Date: 9/13/96

Diffuse Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - January 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	0	18	45	49	53	53	53	49	58	35	11	0	0	0	0	0	0	0	424
2	0	0	0	0	0	0	0	23	101	157	185	141	206	209	69	14	6	0	0	0	0	0	0	0	1112
3	0	0	0	0	0	0	0	2	12	53	62	197	129	55	43	34	15	0	0	0	0	0	0	0	602
4	0	0	0	0	0	0	0	16	61	90	90	83	141	140	121	93	37	0	0	0	0	0	0	0	872
5	0	0	0	0	0	0	0	11	43	57	67	115	114	138	162	74	23	0	0	0	0	0	0	0	803
6	0	0	0	0	0	0	0	25	87	96	139	141	120	170	57	44	24	0	0	0	0	0	0	0	903
7	0	0	0	0	0	0	0	13	43	59	64	64	73	63	52	43	20	0	0	0	0	0	0	0	494
8	0	0	0	0	0	0	0	18	62	42	113	247	216	250	181	94	8	0	0	0	0	0	0	0	1230
9	0	0	0	0	0	0	0	2	27	72	88	278	278	254	182	108	21	0	0	0	0	0	0	0	1310
10	0	0	0	0	0	0	0	4	51	68	75	75	70	61	48	34	14	0	0	0	0	0	0	0	501
11	0	0	0	0	0	0	0	14	43	52	55	54	57	53	50	39	17	0	0	0	0	0	0	0	435
12	0	0	0	0	0	0	0	27	122	185	102	65	64	67	123	52	24	0	0	0	0	0	0	0	831
13	0	0	0	0	0	0	0	26	97	181	260	263	229	168	98	110	41	0	0	0	0	0	0	0	1474
14	0	0	0	0	0	0	0	21	61	140	100	191	197	82	70	66	24	0	0	0	0	0	0	0	953
15	0	0	0	0	0	0	0	1	4	44	72	129	164	74	76	30	14	0	0	0	0	0	0	0	608
16	0	0	0	0	0	0	0	13	41	48	61	97	92	60	60	37	18	1	0	0	0	0	0	0	528
17	0	0	0	0	0	0	0	20	74	132	147	161	187	171	165	119	39	0	0	0	0	0	0	0	1215
18	0	0	0	0	0	0	0	14	78	106	158	105	147	261	178	120	40	1	0	0	0	0	0	0	1207
19	0	0	0	0	0	0	0	10	33	41	43	49	60	43	39	32	16	0	0	0	0	0	0	0	366
20	0	0	0	0	0	0	0	16	76	48	70	92	65	64	65	79	23	1	0	0	0	0	0	0	599
21	0	0	0	0	0	0	0	20	88	110	125	119	163	167	153	118	40	1	0	0	0	0	0	0	1104
22	0	0	0	0	0	0	0	21	110	181	232	191	200	127	94	65	36	1	0	0	0	0	0	0	1259
23	0	0	0	0	0	0	0	22	50	67	101	88	91	80	86	69	34	1	0	0	0	0	0	0	690
24	0	0	0	0	0	0	0	5	24	47	53	67	37	41	28	19	20	0	0	0	0	0	0	0	340
25	0	0	0	0	0	0	0	18	81	206	286	325	184	123	96	53	27	1	0	0	0	0	0	0	1399
26	0	0	0	0	0	0	0	17	42	54	60	62	66	63	55	46	28	2	0	0	0	0	0	0	497
27	0	0	0	0	0	0	0	18	49	59	66	72	76	108	121	62	44	3	0	0	0	0	0	0	677
28	0	0	0	0	0	0	0	19	50	63	79	77	80	77	71	55	31	2	0	0	0	0	0	0	603
29	0	0	0	0	0	0	0	35	92	142	141	203	129	80	83	114	51	3	0	0	0	0	0	0	1073
30	0	0	0	0	0	0	0	22	60	90	117	131	96	68	73	57	28	2	0	0	0	0	0	0	743
31	0	0	0	0	0	0	0	15	76	162	298	257	225	162	77	40	9	1	0	0	0	0	0	0	1321
Avg	0	0	0	0	0	0	0	16	61	94	115	135	129	114	91	63	25	1	0	0	0	0	0	0	844
S/D	0	0	0	0	0	0	0	8	28	51	69	76	64	65	45	31	11	1	0	0	0	0	0	0	338
S/A	0	0	0	0	0	0	0	0.47	0.46	0.54	0.6	0.56	0.49	0.57	0.49	0.5	0.45	1.38	0	0	0	0	0	0	0.4
Min	0	0	0	0	0	0	0	1	4	41	43	49	37	41	28	14	6	0	0	0	0	0	0	0	340
Max	0	0	0	0	0	0	0	35	122	206	298	325	278	261	182	120	51	3	0	0	0	0	0	0	1474

Daylight Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 3720 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: 9.38 uV/Wm-2
Serial Number: 25782F3
Calibration Date: 9/13/96

**Dry Bulb Temperature
Hourly and Daily Averages
Degrees Celsius**

Elizabeth City State Universit - January 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	-1	-2	-2	-3	-2	-2	-2	-2	-0	2	3	4	5	6	6	6	5	3	2	1	1	0	0	-0	1
2	-1	-1	-2	-2	-2	-2	-2	-2	-1	2	4	4	5	5	5	5	6	7	8	9	10	11	13	14	4
3	14	15	16	17	17	18	18	18	18	18	17	16	15	15	15	14	13	10	9	8	7	7	7	7	14
4	6	5	5	3	2	1	0	-1	0	1	2	3	3	3	3	3	3	2	0	-0	-1	-1	-2	-2	2
5	-2	-2	-3	-3	-4	-4	-4	-4	-4	-3	-2	-1	-1	-1	-1	-1	-1	-2	-3	-3	-4	-4	-5	-6	-3
6	-6	-6	-7	-7	-7	-7	-6	-6	-4	-3	-1	-0	1	2	2	3	2	2	2	2	2	2	2	2	-2
7	2	2	3	3	3	3	3	3	3	5	7	9	11	12	13	12	12	8	5	4	4	4	3	3	6
8	3	3	4	4	4	5	5	5	6	7	8	9	11	13	13	13	12	11	10	10	10	10	11	12	8
9	12	12	12	13	13	13	14	15	15	15	16	17	18	19	19	19	19	18	17	10	6	3	1	1	13
10	1	0	-0	-0	-0	-1	-1	-2	-2	-2	-1	-1	0	1	1	2	1	-0	-1	-1	-1	-2	-1	-1	-1
11	-1	-1	0	1	1	0	0	0	2	4	6	7	7	8	8	8	7	6	5	4	4	4	4	4	4
12	4	5	4	5	5	6	6	6	7	9	11	14	15	15	16	16	15	14	13	12	11	10	9	9	10
13	8	8	8	7	7	7	8	8	8	10	12	14	15	17	18	18	18	16	15	14	13	13	12	12	12
14	12	11	11	10	11	11	11	10	9	11	13	15	16	14	13	12	12	12	12	12	13	14	14	14	12
15	14	13	15	16	17	17	17	15	15	12	10	11	10	11	10	11	10	9	7	7	6	6	5	3	11
16	2	1	1	1	1	1	0	-0	3	6	8	9	10	11	12	13	12	10	9	8	8	7	7	7	6
17	7	7	7	7	6	6	5	5	7	9	12	13	14	15	14	14	13	11	10	10	10	10	9	10	10
18	10	12	12	13	14	14	14	14	15	16	17	18	18	19	20	20	19	18	17	16	15	14	14	13	16
19	13	12	12	11	10	9	9	8	9	10	12	13	13	14	14	15	14	13	12	11	10	9	8	9	11
20	8	8	8	8	7	7	6	6	8	11	13	14	15	16	16	15	14	12	11	12	11	11	10	9	11
21	9	9	8	8	9	9	9	9	10	12	14	16	18	19	20	19	18	16	17	17	16	16	16	16	14
22	16	15	15	14	14	14	13	13	12	13	14	16	18	20	21	20	20	17	15	15	16	17	18	17	16
23	17	17	17	17	18	17	17	17	18	20	21	22	23	23	23	22	21	20	19	19	19	18	18	18	19
24	18	19	19	19	19	19	18	18	17	17	17	17	16	14	13	13	12	12	12	12	12	12	12	11	16
25	9	8	8	8	8	7	7	6	7	8	9	10	11	12	14	15	15	13	12	11	10	9	9	8	10
26	7	7	6	5	5	5	4	4	5	7	8	9	9	10	11	10	9	7	6	6	6	5	5	5	7
27	5	5	5	4	5	5	5	5	7	10	12	13	15	17	18	18	18	17	16	16	15	15	15	15	11
28	16	16	15	15	14	13	13	12	13	15	17	19	20	21	22	22	22	20	19	17	16	16	16	16	17
29	16	16	15	15	14	13	9	9	9	9	10	10	10	11	10	11	9	8	8	7	7	7	7	6	10
30	6	5	5	4	4	4	4	4	5	8	9	9	10	11	10	9	9	7	6	5	4	4	4	4	6
31	4	3	3	3	3	3	3	3	3	2	3	3	2	3	3	3	3	3	3	3	4	4	4	3	3

Avg	7	7	7	7	7	7	6	6	7	8	10	11	11	12	12	12	12	10	9	9	8	8	8	8	9
S/D	6	6	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
S/A	0.86	0.9	0.93	0.96	0.99	1	1.03	1.04	0.88	0.71	0.61	0.56	0.53	0.51	0.51	0.5	0.52	0.57	0.62	0.64	0.67	0.72	0.76	0.79	0.64
Min	-6	-6	-7	-7	-7	-7	-6	-6	-4	-3	-2	-1	-1	-1	-1	-1	-1	-2	-3	-3	-4	-4	-5	-6	-3
Max	18	19	19	19	19	19	18	18	18	20	21	22	23	23	23	22	22	20	19	19	19	18	18	18	19

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

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

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

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

Instrument: HMP
 Calibration Constant: 1.00 deg C/mV
 Serial Number: P0520031 T
 Calibration Date: 6/1/95

**Relative Humidity
Hourly and Daily Averages
Percent**

Elizabeth City State Universit - January 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	84	91	88	88	88	86	86	86	78	70	61	53	49	46	42	42	46	64	69	69	71	69	67	66	69
2	63	62	62	65	67	68	71	75	78	74	72	74	75	75	79	83	87	90	93	96	95	95	88	89	78
3	88	85	84	86	90	93	98	99	100 ?	98	99 ?	94	87	77	71	74	87	89	88	88	90	88	86	88	
4	87	90	65	62	66	71	72	73	68	54	49	47	46	47	46	46	51	55	55	61	58	62	62	60	
5	64	60	57	60	62	69	73	74	66	60	60	56	48	46	44	42	44	51	55	61	66	71	73	80	60
6	86	85	86	81	85	74	74	78	70	58	46	43	40	41	40	39	40	42	47	49	49	49	52	53	59
7	56	57	55	54	53	53	52	54	53	52	53	52	49	46	42	41	44	66	84	84	86	87	88	90	60
8	94	96	96	96	97	97	97	97	95	94	92	88	84	78	77	76	78	79	85	87	85	83	87	86	89
9	86	89	93	93	96	95	94	94	99	100 ?	? ?	100 ?	96	91	83	76	78	80	81	75	82	94	98	93	86 ?
10	83	92	93	86	77	76	72	69	65	64	63	61	57	52	46	43	46	52	58	60	60	62	61	64	65
11	65	61	57	54	56	59	60	61	57	50	43	36	33	33	34	35	37	47	51	53	56	62	66	69	52
12	65	68	71	73	73	68	62	63	62	57	49	39	35	34	33	34	36	38	39	45	54	59	66	69	54
13	71	72	71	72	70	67	65	64	63	62	62	64	63	61	56	55	58	64	70	76	79	82	86	88	68
14	90	92	93	95	94	93	94	95	96	90	80	72	70	83	99	100 ?	100 ?	100 ?	? ?	? ?	? ?	? ?	? ?	? ?	68 ?
15	? ?	? ?	97 ?	91	85	83	80	95	100 ?	97	97	94	87	77	73	68	69	80	87	85	70	63	71	78	76 ?
16	88	94	96	90	80	76	79	85	72	65	60	57	49	48	45	42	48	57	60	64	70	73	75	77	69
17	79	80	81	85	88	90	95	97	90	82	70	65	56	54	57	62	67	73	78	82	82	83	90	90	78
18	93	94	96	99 ?	100 ?	99	99 ?	99	97	97	95	93	88	87	90	92	94	95	79	74	80	81	72	91	
19	60	55	48	51	67	62	53	55	51	48	40	35	32	30	29	29	30	36	37	37	42	49	53	47	45
20	51	52	52	56	65	70	76	82	76	62	63	54	46	42	37	37	51	63	73	68	69	74	79	85	62
21	90	92	95	96	95	96	98	96	89	81	72	65	64	64	67	72	77	79	79	84	88	93	96	83	
22	97	99	? ?	? ?	? ?	? ?	? ?	? ?	? ?	? ?	? ?	97 ?	87	79	79	80	81	91	98	? ?	? ?	100 ?	100 ?	100	50 ?
23	100	99	98	96	92	94	95	94	90	85	79	72	70	68	69	71	79	91	98 ?	100 ?	99 ?	99	97	98	89
24	98	97	97	96	96	97	99 ?	100 ?	100 ?	100 ?	99	? ?	? ?	? ?	99	100 ?	100 ?	100 ?	? ?	? ?	99 ?	94	88	89	77 ?
25	85	84	82	81	79	80	78	80	77	77	75	80	80	76	71	64	55	59	63	66	73	79	80	67	75
26	66	68	74	75	73	73	75	75	70	61	55	50	52	47	45	51	65	72	77	79	79	83	89	91	69
27	92	92	94	96	97	98	99	100 ?	95	79	64	59	57	58	65	67	68	72	78	83	89	91	90	88	82
28	81	77	79	80	81	83	87	89	86	78	67	58	53	48	46	42	44	49	54	60	64	69	68	69	67
29	72	73	73	76	78	78	92	86	75	71	62	57	56	52	51	48	54	65	68	68	69	68	69	72	68
30	73	78	83	86	87	88	91	91	85	74	63	56	48	45	56	60	49	60	63	65	70	74	74	74	70
31	71	67	63	67	72	69	65	66	65	66	64	67	68	69	72	73	74	76	78	79	81	80	81	84	71
Avg	79	80	79	80	80	80	81	82	79	74	67	65	61	59	59	59	62	69	71	71	74	77	79	79	70
S D	13	15	15	15	13	13	14	14	15	16	16	18	18	17	19	19	19	18	17	15	14	14	13	13	12
S/A	0.17	0.18	0.2	0.18	0.16	0.16	0.18	0.17	0.19	0.21	0.24	0.28	0.3	0.29	0.32	0.33	0.31	0.26	0.24	0.21	0.19	0.18	0.16	0.16	0.17
Min	51	52	48	51	53	53	52	54	51	48	40	35	32	30	29	29	30	36	37	37	42	49	52	47	45
Max	100	99	98	99	100	99	99	100	100	100	99	100	96	91	99	100	100	100	98	100	99	100	100	100	91

Data Recovery: 0% missing; 5% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

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

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

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

Instrument: HMP
 Calibration Constant: 1.00 %/mV
 Serial Number: P0520031 H
 Calibration Date: 6/1/95

Dry Bulb Temperature (CR10)
Hourly and Daily Averages
Degrees Celsius
Elizabeth City State Universit - January 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	-4	-5	-5	-5	-5	-5	-4	-4	-1	2	5	7	8	8	8	8	6	3	1	0	-1	-1	-1	-1	1
2	-2	-2	-3	-3	-3	-3	-3	-3	-2	2	4	5	5	6	6	6	6	6	7	8	9	10	11	13	3
3	14	14	16	16	17	17	17	17	18	18	17	16	17	17	16	16	14	11	9	8	7	6	6	6	14
4	5	4	5	4	2	0	-1	-2	-0	2	5	6	6	6	6	4	3	1	-1	-2	-3	-3	-3	-3	2
5	-3	-3	-4	-4	-5	-5	-5	-6	-4	-2	0	2	3	2	1	1	0	-3	-5	-7	-8	-8	-9	-9	-3
6	-10	-10	-10	-11	-10	-10	-10	-9	-6	-3	-0	1	3	4	4	4	3	2	1	0	0	1	1	1	-3
7	0	0	1	1	1	1	2	2	3	6	8	10	12	13	14	14	13	9	6	4	3	2	2	2	5
8	1	1	2	2	3	3	3	3	5	6	7	9	12	13	14	14	13	11	11	10	10	10	10	10	8
9	11	11	11	12	12	12	12	13	14	14	15	16	17	19	20	20	19	17	17	14	8	4	2	1	13
10	1	0	-0	-0	-1	-1	-2	-2	-3	-1	0	1	3	3	3	3	2	-1	-3	-4	-4	-4	-4	-3	-1
11	-3	-3	-2	-1	-1	-1	-2	-1	1	4	7	9	10	10	10	9	8	5	3	3	2	2	2	2	3
12	2	2	2	2	3	4	4	5	7	9	12	14	16	17	17	17	16	14	13	11	10	9	8	8	9
13	7	7	6	6	5	5	5	6	7	9	11	13	15	17	19	19	18	16	14	13	13	12	11	11	11
14	11	10	10	10	10	10	10	10	9	11	14	17	19	16	14	13	13	12	12	12	12	13	14	14	12
15	14	13	14	14	15	16	16	15	15	13	11	11	11	13	13	12	11	8	6	5	4	3	3	1	11
16	-0	-1	-1	-1	-2	-2	-2	-2	1	6	9	11	13	13	14	14	13	11	8	7	6	5	5	5	5
17	5	5	5	5	4	4	3	3	6	9	13	16	17	17	16	15	13	11	10	9	9	9	9	9	9
18	9	10	11	12	13	13	13	14	14	15	16	18	18	19	20	20	19	18	17	16	15	13	11	11	15
19	10	10	9	9	8	7	7	7	9	11	13	15	16	16	16	16	15	12	10	9	8	7	6	6	10
20	6	6	6	6	6	5	4	4	6	10	15	17	18	18	18	17	15	13	11	10	10	9	8	8	10
21	7	7	7	6	7	8	8	8	9	12	16	19	20	21	21	21	19	17	16	16	15	15	15	15	14
22	15	14	14	14	13	13	13	13	13	14	16	18	22	24	24	23	22	19	16	15	15	16	16	16	17
23	16	16	16	16	16	16	16	16	18	21	23	24	25	25	24	24	22	20	19	19	18	18	18	18	19
24	18	18	19	19	19	19	18	18	17	17	17	17	17	16	15	13	13	12	12	12	12	11	11	11	15
25	9	8	7	7	7	7	7	6	7	8	10	12	13	14	15	15	15	13	11	9	7	7	7	7	10
26	6	5	4	4	4	3	3	2	5	8	10	12	14	14	14	13	11	8	5	4	4	3	3	2	7
27	2	2	2	2	2	2	3	3	6	10	13	15	17	18	19	19	19	17	16	15	14	13	13	14	11
28	14	15	14	14	13	13	12	11	13	16	18	21	22	23	23	23	23	20	18	16	15	14	14	15	17
29	15	14	14	14	13	12	10	9	9	10	12	13	13	14	13	13	11	9	7	6	6	6	5	11	
30	5	4	3	2	2	2	2	2	4	8	11	12	13	13	13	12	10	8	5	4	3	3	2	6	
31	2	2	2	2	2	2	2	2	2	3	4	5	4	4	3	3	3	3	3	3	3	3	3	2	3
Avg	6	6	6	6	5	5	5	5	7	9	11	12	13	14	14	14	13	10	9	8	7	7	7	6	8
S/D	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
S/A	1.14	1.19	1.23	1.26	1.31	1.33	1.37	1.38	0.99	0.67	0.52	0.46	0.44	0.43	0.44	0.45	0.49	0.6	0.71	0.79	0.85	0.9	0.96	1.02	0.68
Min	-10	-10	-10	-11	-10	-10	-10	-9	-6	-3	-0	1	3	2	1	1	0	-3	-5	-7	-8	-8	-9	-9	-3
Max	18	18	19	19	19	19	18	18	18	21	23	24	25	25	24	24	23	20	19	19	18	18	18	18	19

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

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

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

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

Instrument: CSIT
Calibration Constant: 1.00 deg C/mV
Serial Number: 0
Calibration Date: 6/1/95

Wind Speed
Hourly and Daily Averages
Meters/Second
Elizabeth City State Universit - January 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	2	3	2	2	2	2	2	2	2	2	2	3	4	4	4	2
2	4	3	4	3	3	3	3	3	3	2	5	5	5	6	6	5	6	5	5	5	6	5	8	9	5
3	9	8	11	11	9	7	7	8	6	6	5	6	5	5	5	5	4	5	5	5	5	4	4	3	6
4	2	2	3	2	2	2	2	2	2	3	2	2	3	2	2	2	2	1	2	1	1	2	1	1	2
5	2	2	2	2	2	2	2	2	2	3	4	3	3	3	2	2	1	0	0	0	0	0	0	0	2
6	0	0	0	0	1	1	1	0	1	1	3	3	3	4	4	4	4	3	3	3	3	4	4	4	2
7	3	4	5	5	6	6	5	4	5	5	4	4	3	3	3	3	1	2	3	2	2	2	2	2	3
8	2	2	2	2	2	2	2	2	2	1	2	3	2	0	2	3	2	1	2	1	2	3	2	2	2
9	2	2	2	2	2	3	3	4	4	3	3	4	4	3	3	4	4	2	1	6	6	7	6	4	4
10	5	4	3	3	3	3	4	4	4	5	5	4	3	3	3	1	1	0	1	1	1	1	1	2	3
11	2	3	4	4	3	3	3	3	3	4	4	4	4	3	2	3	1	0	1	1	2	2	3	3	3
12	2	2	2	2	3	3	3	4	4	4	5	6	6	6	5	5	4	3	2	2	2	2	2	2	3
13	2	2	2	1	2	2	3	2	2	2	3	4	4	5	5	4	2	1	2	2	2	2	2	2	2
14	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	2	2	2	3	3	4	2	2	2
15	2	2	4	6	5	5	6	5	4	4	2	3	3	3	4	2	1	0	0	1	1	1	1	0	3
16	0	0	0	1	0	0	0	0	0	1	2	3	4	3	4	4	3	2	2	2	2	2	2	2	2
17	2	2	2	1	0	0	0	0	0	0	0	1	2	1	2	2	2	2	2	0	1	1	1	1	1
18	1	1	0	2	3	3	3	4	4	6	5	5	5	6	7	6	5	3	4	2	1	0	1	1	3
19	1	2	2	2	2	3	3	2	3	4	4	4	5	5	4	3	2	0	1	1	0	0	0	0	2
20	0	0	1	0	0	0	0	1	0	0	1	1	2	3	4	4	2	2	2	1	2	2	1	1	1
21	1	1	0	0	0	0	0	0	1	1	2	2	2	3	3	1	1	1	3	4	2	2	2	2	2
22	2	2	1	0	0	1	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	3	2	1
23	1	2	2	2	2	3	3	3	4	5	6	6	7	7	6	6	6	5	6	6	5	4	5	4	4
24	4	5	6	5	4	3	2	3	3	4	2	0	1	3	3	2	2	0	0	0	1	2	2	1	2
25	2	1	1	0	1	1	1	0	1	1	2	3	4	3	4	3	3	1	1	0	0	2	4	4	2
26	3	3	3	3	3	3	2	1	2	4	2	2	2	1	1	2	3	2	2	1	1	1	1	1	2
27	1	1	1	0	1	1	1	0	2	3	3	4	4	6	6	7	5	3	3	2	2	2	4	4	3
28	5	5	4	4	4	4	3	3	3	4	4	4	4	4	4	3	2	1	1	0	1	1	3	3	3
29	2	2	3	2	2	5	5	4	5	6	5	5	4	4	4	3	2	3	2	1	1	1	0	1	3
30	1	1	0	0	0	0	1	1	1	2	3	3	3	3	3	3	3	2	2	3	3	3	3	2	2
31	2	3	3	4	3	4	6	5	6	7	7	6	6	5	5	4	3	3	2	2	2	3	3	3	4
Avg	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	3	3	2	2	2	2	2	2	2	3
S/D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	1	1	2	2	1
S/A	0.83	0.79	0.89	0.94	0.81	0.73	0.78	0.8	0.69	0.6	0.49	0.49	0.44	0.46	0.45	0.43	0.51	0.68	0.68	0.78	0.68	0.68	0.7	0.75	0.43
Min	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	1
Max	9	8	11	11	9	7	7	8	6	7	7	6	7	7	7	7	6	5	6	6	6	7	8	9	6

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

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

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

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

Instrument: NRG
Calibration Constant: 0.76 m/s/mV
Serial Number: 0 WS
Calibration Date: 6/1/95

Wind Direction
Hourly and Daily Averages
Degrees
Elizabeth City State Universit - January 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	0	103	0	170	167	173	174	215	212	243	241	283	274	272	282	302	5	334	328	323	330	329	324	298
2	309	310	302	305	286	296	285	279	304	295	14	355	356	11	1	14	3	18	14	17	23	40	53	66	0
3	66	65	66	65	69	76	95	101	111	136	186	195	214	219	197	195	165	166	171	172	171	182	209	183	126
4	217	213	238	238	225	228	235	239	272	250	273	244	218	216	211	216	223	229	254	247	223	232	220	228	234
5	248	218	248	223	248	261	263	260	272	267	288	288	288	310	301	309	305	335	283	268	213	233	231	216	273
6	185	186	0	161	191	190	192	182	169	145	159	153	134	118	135	143	160	151	139	135	151	144	157	153	147
7	158	168	168	163	173	171	173	185	188	193	200	184	198	215	217	242	267	333	332	331	345	346	345	330	193
8	319	353	0	355	348	343	322	4	355	349	360	21	28	222	163	203	182	111	90	97	64	70	71	84	26
9	96	96	105	117	107	110	104	113	124	130	144	118	148	141	160	158	174	187	236	314	297	293	285	286	152
10	279	301	292	284	282	281	269	277	280	268	297	271	264	288	283	306	257	195	177	177	167	146	158	157	275
11	166	164	169	183	185	192	199	197	219	227	203	215	221	232	223	210	195	98	90	89	79	83	85	102	188
12	113	125	130	128	132	144	140	142	151	156	158	166	162	170	156	164	176	162	140	122	135	122	130	141	150
13	128	139	133	125	146	154	170	152	154	156	167	170	157	137	171	179	168	110	117	114	122	132	132	137	151
14	143	117	117	133	150	161	318	317	346	350	28	44	50	111	113	28	39	46	45	50	61	60	85	72	66
15	58	69	95	103	102	106	115	126	155	251	254	235	197	256	224	244	250	324	226	214	240	231	230	253	151
16	218	205	203	201	234	218	176	105	88	99	112	110	144	118	129	138	132	130	126	124	124	135	139	153	132
17	144	165	156	148	151	151	95	119	119	132	359	48	49	55	22	51	52	48	59	87	56	47	33	42	72
18	56	92	84	92	98	99	84	62	82	94	91	113	119	118	126	126	123	136	144	195	224	160	197	191	112
19	200	196	190	174	167	175	186	171	198	196	230	196	190	203	219	191	204	165	195	184	202	161	158	145	194
20	114	181	193	164	103	122	47	60	59	50	29	23	51	47	65	58	36	35	46	74	65	64	70	58	56
21	66	77	68	43	65	34	49	53	78	109	133	106	104	102	146	82	56	63	96	102	122	142	123	130	106
22	129	135	134	168	119	131	118	99	103	301	353	357	13	12	27	37	37	43	43	43	51	90	93	108	69
23	77	75	87	96	90	74	67	75	82	84	92	97	94	95	101	96	95	91	95	93	98	101	98	95	92
24	106	105	90	100	106	105	117	158	173	175	201	114	180	215	255	352	300	273	239	235	282	273	279	264	136
25	290	297	312	294	306	315	290	300	335	11	63	108	126	161	189	192	217	208	246	261	143	285	312	305	251
26	317	298	295	299	291	286	292	296	300	325	322	314	356	344	203	124	106	90	61	74	70	93	110	98	324
27	102	98	132	114	103	101	135	112	123	136	138	140	148	161	168	164	168	173	162	141	153	156	172	179	154
28	185	192	202	192	210	201	211	200	209	216	197	200	190	208	193	189	215	183	145	120	97	127	161	173	195
29	176	185	189	226	286	296	328	329	324	332	325	323	330	285	295	300	301	335	327	322	307	299	299	288	309
30	286	288	270	263	250	264	273	283	287	303	295	314	292	289	340	343	311	317	318	313	325	343	350	324	314
31	288	303	302	281	299	328	336	333	326	339	344	339	330	328	334	322	308	301	295	279	285	285	287	306	319
Avg	131	138	137	136	146	150	157	145	196	206	208	176	168	176	178	164	162	96	91	81	73	77	100	119	149

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

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

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

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

Instrument: NRGV
Calibration Constant: 0.14 deg/mV
Serial Number: 0
Calibration Date: 6/1/95

Peak Wind Speed
Hourly and Daily Averages
Meters/Second
Elizabeth City State Universit - January 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	1	1	1	2	3	5	4	4	4	4	4	4	3	3	4	5	6	6	6	3
2	6	6	6	5	5	5	4	5	5	4	7	8	8	10	10	9	8	8	8	7	8	7	11	12	7
3	13	12	15	14	13	10	11	11	9	10	8	10	9	8	8	8	6	6	7	7	7	6	6	5	9
4	4	4	6	5	4	4	4	4	5	5	5	5	4	4	4	3	3	4	2	2	3	2	3	4	
5	3	4	4	4	4	3	3	3	4	5	7	5	5	4	3	3	3	1	1	0	1	0	0	0	3
6	0	0	0	1	1	1	1	0	1	3	4	5	6	6	7	6	6	4	4	4	5	6	6	6	3
7	5	5	7	7	8	8	7	6	7	6	6	6	6	6	6	5	2	4	4	3	3	3	3	2	5
8	2	2	3	3	3	3	3	3	3	2	3	4	3	1	3	5	4	2	3	2	3	4	3	3	3
9	3	4	3	3	3	4	5	7	6	5	4	6	7	6	6	6	5	4	3	10	9	10	10	6	6
10	8	7	5	5	6	6	6	7	7	8	7	7	6	5	5	3	2	1	1	1	2	2	3	3	5
11	3	4	5	6	5	4	4	4	5	6	7	8	7	6	4	5	2	1	2	2	2	3	4	5	4
12	4	3	3	4	5	5	5	6	6	8	9	10	10	9	8	5	4	3	3	3	3	3	3	3	5
13	3	3	3	2	3	3	4	3	3	4	5	6	6	7	8	7	4	2	2	2	2	3	3	2	4
14	2	2	2	2	3	2	2	1	1	2	2	2	2	4	1	2	4	3	3	4	4	5	3	3	3
15	3	3	5	8	8	8	9	7	6	7	5	7	7	7	7	4	3	0	1	1	2	2	2	0	5
16	0	1	0	1	1	0	0	0	0	2	3	5	5	5	6	6	4	4	3	3	3	3	3	3	3
17	3	3	3	1	1	1	0	1	1	1	1	2	3	2	3	3	2	3	3	1	2	2	1	2	2
18	2	2	1	3	5	5	4	6	6	8	8	8	8	9	10	9	8	5	6	5	2	1	2	2	5
19	2	3	3	3	3	4	4	3	4	6	7	7	7	7	6	5	3	1	2	1	1	1	1	1	4
20	1	1	1	0	1	0	0	1	0	1	2	2	4	5	6	5	3	3	2	2	3	2	2	1	2
21	1	1	0	0	1	1	1	0	1	2	3	3	4	4	4	2	2	2	4	6	4	3	4	4	2
22	3	3	2	1	1	2	1	0	1	1	1	1	2	2	2	3	3	3	3	3	3	3	4	4	2
23	3	3	4	4	4	4	5	5	6	7	9	9	10	10	10	9	9	8	9	9	7	7	7	7	7
24	6	8	8	8	7	5	3	5	4	6	5	1	2	5	6	4	4	2	0	1	3	4	4	2	4
25	3	3	3	1	2	2	3	2	2	3	3	4	5	6	6	5	5	2	1	0	0	3	7	6	3
26	4	4	4	5	5	5	3	2	4	5	4	3	3	3	2	3	4	3	3	2	2	2	2	1	3
27	1	2	1	1	1	1	2	1	3	4	5	7	6	9	10	10	7	5	4	3	4	2	5	6	4
28	7	7	6	6	6	6	4	4	5	6	6	6	6	7	6	5	4	1	1	1	1	2	4	4	5
29	3	3	3	3	3	8	8	7	8	9	7	8	6	7	6	5	4	4	3	2	2	1	1	1	5
30	1	1	0	0	1	1	1	2	2	3	5	5	5	6	6	5	5	4	4	5	4	5	5	3	3
31	3	4	5	6	5	7	9	8	9	10	10	10	10	8	8	6	5	5	4	4	4	4	5	5	6
Avg	3	3	4	4	4	4	4	4	4	5	5	6	6	6	6	5	4	3	3	3	3	3	4	4	4
S/D	3	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
S/A	0.76	0.7	0.81	0.82	0.72	0.67	0.74	0.74	0.62	0.53	0.44	0.44	0.39	0.39	0.4	0.37	0.43	0.6	0.61	0.73	0.64	0.62	0.65	0.67	0.39
Min	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	0	0	0	0	0	0	0	2
Max	13	12	15	14	13	10	11	11	9	10	10	10	10	10	10	10	9	8	9	10	9	10	11	12	9

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

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

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

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

Instrument: NRG
Calibration Constant: 0.76 m/s/mV
Serial Number: 0 WSP
Calibration Date: 6/1/95

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

Field: Press

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	1018	1018	1019	1019	1019	1020	1021	1022	1022	1023	1024	1024	1023	1023	1023	1024	1025	1025	1026	1027	1028	1029	1030	1030	1023
2	1030	1031	1030	1030	1030	1030	1031	1030	1030	1030	1029	1028	1026	1025	1024	1023	1022	1021	1020	1019	1017	1016	1014	1012	1025
3	1011	1009	1007	1006	1004	1003	1002	1002	1002	1002	1003	1003	1003	1003	1003	1005	1006	1007	1008	1008	1009	1010	1011	1012	1006
4	1012	1013	1013	1014	1015	1016	1017	1018	1019	1019	1020	1019	1018	1018	1018	1018	1019	1019	1020	1020	1021	1021	1022	1022	1018
5	1022	1022	1023	1023	1023	1023	1024	1024	1025	1026	1026	1026	1025	1025	1025	1025	1025	1026	1027	1027	1028	1028	1028	1028	1025
6	1028	1027	1027	1027	1027	1027	1028	1028	1028	1028	1028	1027	1025	1024	1024	1023	1023	1023	1023	1023	1023	1022	1022	1022	1025
7	1021	1021	1021	1020	1020	1020	1021	1022	1022	1023	1023	1023	1022	1022	1023	1023	1024	1024	1026	1027	1027	1027	1027	1027	1023
8	1027	1027	1027	1026	1026	1025	1026	1026	1026	1026	1026	1026	1025	1024	1022	1022	1021	1021	1021	1021	1020	1020	1019	1018	1023
9	1016	1015	1014	1013	1012	1011	1010	1010	1010	1010	1009	1008	1006	1005	1005	1005	1005	1005	1006	1008	1010	1012	1013	1014	1010
10	1014	1015	1015	1015	1016	1017	1017	1018	1018	1019	1020	1020	1019	1019	1019	1018	1019	1019	1019	1020	1019	1019	1019	1019	1018
11	1018	1018	1018	1019	1018	1019	1020	1021	1022	1023	1024	1023	1022	1022	1022	1022	1022	1023	1023	1023	1022	1022	1022	1022	1021
12	1021	1021	1021	1020	1020	1020	1020	1020	1020	1021	1020	1019	1018	1018	1017	1018	1018	1019	1019	1019	1020	1020	1020	1020	1020
13	1020	1020	1020	1020	1020	1020	1021	1021	1021	1022	1021	1021	1020	1019	1019	1019	1019	1019	1020	1020	1020	1020	1021	1021	1020
14	1020	1020	1020	1020	1020	1020	1021	1022	1022	1022	1022	1022	1021	1021	1021	1020	1020	1020	1020	1019	1019	1018	1017	1016	1020
15	1015	1013	1012	1011	1010	1009	1008	1008	1009	1009	1010	1010	1010	1010	1011	1011	1012	1014	1015	1016	1016	1017	1017	1017	1012
16	1017	1017	1017	1018	1018	1019	1019	1019	1020	1020	1021	1020	1019	1018	1017	1017	1017	1017	1018	1018	1019	1019	1019	1019	1019
17	1019	1019	1019	1020	1020	1020	1021	1022	1023	1023	1024	1023	1023	1022	1022	1021	1021	1021	1021	1021	1020	1020	1019	1018	1021
18	1018	1017	1018	1017	1015	1015	1015	1014	1014	1013	1012	1012	1010	1008	1007	1007	1007	1008	1009	1011	1012	1012	1012	1013	1012
19	1014	1014	1014	1014	1014	1015	1016	1017	1017	1018	1018	1017	1016	1016	1016	1016	1016	1017	1017	1018	1018	1018	1018	1018	1016
20	1017	1017	1018	1018	1017	1018	1018	1018	1018	1019	1019	1018	1016	1016	1015	1015	1015	1015	1016	1016	1016	1016	1016	1016	1017
21	1016	1016	1016	1015	1015	1015	1016	1016	1017	1017	1017	1016	1016	1015	1015	1015	1016	1016	1016	1016	1016	1017	1017	1017	1016
22	1017	1017	1018	1018	1018	1018	1019	1020	1021	1022	1022	1022	1021	1021	1021	1021	1021	1021	1021	1021	1022	1022	1022	1022	1020
23	1023	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	1021	1020	1019	1018	1017	1017	1017	1017	1016	1016	1016	1016	1015	1020
24	1014	1014	1014	1013	1012	1012	1012	1012	1012	1011	1011	1010	1009	1009	1010	1010	1010	1012	1014	1015	1016	1017	1017	1018	1013
25	1018	1018	1018	1019	1020	1021	1021	1022	1022	1023	1023	1021	1019	1019	1019	1019	1019	1020	1021	1022	1022	1023	1025	1026	1021
26	1026	1027	1027	1028	1028	1029	1030	1030	1030	1031	1031	1030	1029	1029	1028	1028	1028	1028	1028	1028	1028	1028	1027	1027	1028
27	1027	1026	1026	1025	1025	1025	1025	1025	1025	1024	1023	1021	1019	1018	1016	1015	1015	1014	1014	1014	1014	1014	1013	1013	1020
28	1013	1013	1013	1013	1014	1014	1015	1015	1016	1016	1016	1016	1015	1014	1014	1013	1013	1014	1014	1014	1014	1015	1014	1015	1014
29	1015	1015	1015	1015	1017	1018	1020	1021	1023	1024	1024	1025	1025	1025	1025	1025	1026	1026	1027	1027	1027	1027	1027	1027	1023
30	1027	1027	1027	1027	1027	1027	1028	1029	1029	1029	1030	1030	1029	1028	1028	1028	1028	1029	1030	1030	1031	1031	1032	1032	1029
31	1032	1033	1033	1033	1033	1034	1035	1036	1036	1037	1037	1037	1037	1037	1037	1037	1037	1036	1036	1036	1036	1035	1035	1034	1035
Avg	1020	1019	1019	1019	1019	1019	1020	1020	1021	1021	1021	1021	1020	1019	1019	1019	1019	1019	1020	1020	1020	1020	1020	1020	1020
S/D	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	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	1011	1009	1007	1006	1004	1003	1002	1002	1002	1002	1003	1003	1003	1003	1003	1005	1005	1005	1006	1008	1009	1010	1011	1012	1006
Max	1032	1033	1033	1033	1033	1034	1035	1036	1036	1037	1037	1037	1037	1037	1037	1037	1037	1036	1036	1036	1036	1035	1035	1034	1035

Data Recovery: 0% missing; 0% exceed the 15% QC threshold -- 8928 total 5-minute measurements.

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

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

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

Instrument: VSA
Calibration Constant: 0.10 X + 800b/V
Serial Number: 493926
Calibration Date: 6/1/95