

Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - September 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	5	19	36	61	89	82	85	66	104	64	30	22	2	0	0	0	0	0	665
2	0	0	0	0	0	0	18	114	81	44	174	163	226	170	131	142	58	27	2	0	0	0	0	0	1352
3	0	0	0	0	0	1	30	57	113	108	30	27	84	189	150	75	34	11	1	0	0	0	0	0	911
4	0	0	0	0	0	1	2	8	47	65	73	61	63	80	85	74	44	12	1	0	0	0	0	0	616
5	0	0	0	0	0	4	42	156	252	375	308	403 ?	536 ?	518 ?	?	?	183 ?	87	2	0	0	0	0	0	2868 ?
6	0	0	0	0	0	6	88	265	252	460	515	236	300	223	269	166	104	59	1	0	0	0	0	0	2943
7	0	0	0	0	0	0	6	94	250	211	390	466	509 ?	470 ?	412 ?	263 ?	163	39	7	0	0	0	0	0	3281
8	0	0	0	0	0	1	23	123	182	409	517 ?	498	535	609 ?	508	244	202	102	4	0	0	0	0	0	3956
9	0	0	0	0	0	4	74	169	312	482	416	302	388	252	317	183	61	13	1	0	0	0	0	0	2973
10	0	0	0	0	0	3	50	266	190	355	383	419 ?	547 ?	414 ?	638	469	212	51	1	0	0	0	0	0	3999
11	0	0	0	0	0	3	99	309	520	698	823	883	881	803	667	484	283	78	0	0	0	0	0	0	6530
12	0	0	0	0	0	5	117	295	506	665	753	876	859	742	685	455	245	93	2	0	0	0	0	0	6297
13	0	0	0	0	0	3	74	172 ?	359	470	552	685	891	850	648	402	158	52	1	0	0	0	0	0	5316
14	0	0	0	0	0	1	41	55	59	140	137	399	359	83	98	141	63	13	0	0	0	0	0	0	1589
15	0	0	0	0	0	0	10	29	38	50	103	59	58	73	38	21	11	6	0	0	0	0	0	0	495
16	0	0	0	0	0	0	4	7	5	121	283	79	55	101	123	96	43	16	0	0	0	0	0	0	933
17	0	0	0	0	0	2	97	300	504	675	795	851	840	769	631	453	252	37 ?	0	0	0	0	0	0	6208
18	0	0	0	0	0	3	70 ?	?	?	?	274 ?	712 ?	892	604	509	249	180	40	0	0	0	0	0	0	3534 ?
19	0	0	0	0	0	2	91	327	513	644	754	840	808	757	619	441	194	63	0	0	0	0	0	0	6055
20	0	0	0	0	0	2	88	265	356	463	414	218	669	665	533	313	175	29	0	0	0	0	0	0	4190
21	0	0	0	0	0	0	15	36	39	60	103	367	467	469 ?	293	161	119	22	0	0	0	0	0	0	2151
22	0	0	0	0	0	0	7	27	38	86	120	103	167	294	482 ?	424	203 ?	52	0	0	0	0	0	0	2003
23	0	0	0	0	0	1	88	285	484	654	774	835	821	742	607	422	217	39	0	0	0	0	0	0	5970
24	0	0	0	0	0	0	52	279	450	633	780	835	801	581	340	234	141	54	0	0	0	0	0	0	5181
25	0	0	0	0	0	0	51	103	201	341	468	500	578	541	408	190	105 ?	59	0	0	0	0	0	0	3543
26	0	0	0	0	0	1	52	121	235 ?	410	652	718	806	721	288 ?	373	210 ?	24	0	0	0	0	0	0	4610
27	0	0	0	0	0	0	50	115	201	232	318	503	245	188	196	159	64	10	0	0	0	0	0	0	2282
28	0	0	0	0	0	0	25	81	114	180	199	301	245	280	368	178	86	21	0	0	0	0	0	0	2078
29	0	0	0	0	0	0	21	114	300 ?	350	543 ?	586	293	369	201	170	76	12	0	0	0	0	0	0	3036
30	0	0	0	0	0	0	31	259 ?	361	573	759	?	?	?	?	?	159 ?	23	0	0	0	0	0	0	2164 ?
Avg	0	0	0	0	0	1	47	154	241	345	417	448	483	435	370	252	136	39	1	0	0	0	0	0	3258
S/D	0	0	0	0	0	2	33	105	167	221	254	283	292	256	206	142	75	26	2	0	0	0	0	0	1835
S/A	0	0	0	0	0	1.09	0.71	0.69	0.69	0.64	0.61	0.63	0.6	0.59	0.56	0.56	0.55	0.67	1.89	0	0	0	0	0	0.56
Min	0	0	0	0	0	0	2	7	5	44	30	27	55	66	38	21	11	6	0	0	0	0	0	0	495
Max	0	0	0	0	0	6	117	327	520	698	823	883	892	850	685	484	283	102	7	0	0	0	0	0	6530

Daylight Data Recovery: 0% missing; 7% exceed the 15% QC threshold -- 4483 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 - September 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	1	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	6	
2	0	0	0	0	0	0	0	1	1	1	2	1	3	1	1	2	1	0	0	0	0	0	0	0	15	
3	0	0	0	0	0	0	0	0	0	0	0	1	2	4	3	0	0	0	0	0	0	0	0	0	11	
4	0	0	0	0	0	0	1	0	1	0	0	1	0	1	1	2	2	2	0	0	0	0	0	0	12	
5	0	0	0	0	0	0	1	16	22	36	17	35 ?	68 ?	124 ?	?	?	226 ?	136	5	0	0	0	0	0	688 ?	
6	0	0	0	0	0	6	64	90	45	73	68	15	17	5	7	4	4	2	1	0	0	0	0	0	403	
7	0	0	0	0	0	0	1	3	10	9	15	23	59 ?	64 ?	127 ?	96 ?	56	15	4	0	0	0	0	0	480	
8	0	0	0	0	0	0	1	3	16	59	97 ?	91	112	188 ?	186	59	67	115	6	0	0	0	0	0	1002	
9	0	0	0	0	0	1	57	36	119	184	27	17 ?	12	5	7	2	0	1	1	0	0	0	0	0	469	
10	0	0	0	0	0	0	1	198	20	73	42	101 ?	144 ?	106 ?	604	501	244	40	3	0	0	0	0	0	2077	
11	0	0	0	0	0	19	360	699	806	867	897	902	904	878	841	668	655	408	4	0	0	0	0	0	8907	
12	0	0	0	0	0	22	401	662	775	738	567	787	802	675	781	628	398	258	9	0	0	0	0	0	7503	
13	0	0	0	0	0	5	137	63 ?	141	238	206	382	665	678	551	341	91	26	2	0	0	0	0	0	3525	
14	0	0	0	0	0	0	3	2	2	4	4	28	17	0	2	2	2	1	0	0	0	0	0	0	68	
15	0	0	0	0	0	0	1	1	1	1	1	0	1	2	1	1	1	0	0	0	0	0	0	0	12	
16	0	0	0	0	0	0	3	2	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	10	
17	0	0	0	0	0	0	0 ?	?	?	?	?	?	?	?	?	?	?	0 ?	0 ?	0	0	0	0	0	0	0 ?
18	0	0	0	0	0	0	8 ?	?	?	?	0 ?	449 ?	778	497	397	213	293	132	1	0	0	0	0	0	2768 ?	
19	0	0	0	0	0	4	248	659	730	684	714	847	768	677	581	650	383	176	1	0	0	0	0	0	7122	
20	0	0	0	0	0	4	240	381	258	350	222	23	484	597	460	289	259	11	1	0	0	0	0	0	3578	
21	0	0	0	0	0	0	1	1	1	1	2	18	30	68 ?	32	3	30	2	0	0	0	0	0	0	188	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0 ?	?	?	0 ?	0 ?	0	0	0	0	0	0	2 ?
23	0	0	0	0	0	0	0 ?	?	?	?	?	?	?	?	?	?	?	0 ?	0 ?	0	0	0	0	0	0	0 ?
24	0	0	0	0	0	0	0 ?	?	?	?	?	?	?	?	?	0 ?	0	0	0 ?	0	0	0	0	0	0	0 ?
25	0	0	0	0	0	0	1	0	0	0	?	?	?	?	?	0 ?	0 ?	0 ?	0 ?	0	0	0	0	0	0	1 ?
26	0	0	0	0	0	0	0	0	0 ?	0 ?	?	?	?	?	?	?	?	0	0	0	0	0	0	0	0	1 ?
27	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	2
28	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0 ?	0	0	0	0	0	0	0	0	0	0	2
29	0	0	0	0	0	0	1	1	0 ?	0 ?	0 ?	0 ?	0	0	0	0	0	0	0	0	0	0	0	0	0	2 ?
30	0	0	0	0	0	0	0	0 ?	?	?	?	?	?	?	?	?	471 ?	186	0	0	0	0	0	0	0	658 ?
Avg	0	0	0	0	0	2	51	109	118	133	120	155	203	183	183	144	122	50	1	0	0	0	0	0	1317	
S/D	0	0	0	0	0	5	109	220	248	249	241	284	315	282	276	230	180	96	2	0	0	0	0	0	2409	
S/A	0	0	0	0	0	2.41	2.13	2.02	2.1	1.88	2.01	1.83	1.55	1.54	1.51	1.6	1.47	1.9	1.72	0	0	0	0	0	1.83	
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	
Max	0	0	0	0	0	22	401	699	806	867	897	902	904	878	841	668	655	408	9	0	0	0	0	0	8907	

Daylight Data Recovery: 0% missing; 21% exceed the 15% QC threshold -- 4483 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 - September 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	5	17	31	53	77	72	74	58	91	56	26	19	2	0	0	0	0	0	580
2	0	0	0	0	0	0	16	99	70	38	152	141	200	147	114	124	50	24	2	0	0	0	0	0	1178
3	0	0	0	0	0	1	26	50	99	94	26	24	73	165	130	65	30	9	1	0	0	0	0	0	792
4	0	0	0	0	0	1	2	7	41	57	64	54	55	70	75	65	39	11	1	0	0	0	0	0	542
5	0	0	0	0	0	4	36	133	208	309	268	332 ?	423 ?	315 ?	?	?	68 ?	46	2	0	0	0	0	0	2146 ?
6	0	0	0	0	0	6	75	209 ?	215	386	413	204	268	190	253	145	93	50	1	0	0	0	0	0	2508
7	0	0	0	0	0	0	5	82	223	186	344	424	407 ?	389 ?	268 ?	188 ?	132	35	7	0	0	0	0	0	2692
8	0	0	0	0	0	1	20	106	158	346	392 ?	389	382	383 ?	317	193	177	81	4	0	0	0	0	0	2948
9	0	0	0	0	0	3	55	139	216	321	372	266	347	224	277	160	55	11	1	0	0	0	0	0	2448
10	0	0	0	0	0	2	44	177	168	273	325	302 ?	376 ?	289 ?	146	174	122	46	1	0	0	0	0	0	2444
11	0	0	0	0	0	2	31	49	58	60	60	61	61	62	59	112	53	20	0	0	0	0	0	0	688
12	0	0	0	0	0	3	46	61	67	122	240	162	133	170	131	108	97	56	1	0	0	0	0	0	1396
13	0	0	0	0	0	3	50	147 ?	267	293	354	329	289	281	250	210	122	49	1	0	0	0	0	0	2643
14	0	0	0	0	0	1	38	50	52	122	122	345	315	74	86	126	56	11	0	0	0	0	0	0	1399
15	0	0	0	0	0	0	9	26	34	44	92	52	51	65	34	19	10	6	0	0	0	0	0	0	442
16	0	0	0	0	0	0	5	7	5	107	246	70	49	89	109	85	38	14	0	0	0	0	0	0	823
17	0	0	0	0	0	1	27	45	54	60	63	63	62	57	54	48	37	11 ?	0	0	0	0	0	0	583
18	0	0	0	0	0	1	25 ?	?	?	?	240 ?	252 ?	189	191	233	126	83	20	0	0	0	0	0	0	1361 ?
19	0	0	0	0	0	1	37	83	115	149	147	87	121	204	212	109	62	43	0	0	0	0	0	0	1372
20	0	0	0	0	0	1	42	130	194	210	226	180	239	177	225	169	86	27	0	0	0	0	0	0	1906
21	0	0	0	0	0	0	13	33	35	55	93	324	418	376 ?	248	144	101	20	0	0	0	0	0	0	1862
22	0	0	0	0	0	0	7	24	35	78	108	94	152	269	271 ?	130	52 ?	21	0	0	0	0	0	0	1240
23	0	0	0	0	0	1	25	42	49	53	53	55	53	49	48	42	34	11	0	0	0	0	0	0	516
24	0	0	0	0	0	0	21	49	60	77	90	92	131	308	313	211	120	35	0	0	0	0	0	0	1508
25	0	0	0	0	0	0	47	91	182	258	318	322	351	338	283	168	88 ?	42	0	0	0	0	0	0	2487
26	0	0	0	0	0	0	47	107	212 ?	362	412	305	178	157	146 ?	77	66 ?	16	0	0	0	0	0	0	2084
27	0	0	0	0	0	0	42	102	180	208	285	437	223	171	174	143	58	9	0	0	0	0	0	0	2032
28	0	0	0	0	0	0	22	73	102	162	179	265	221	255	282	162	79	19	0	0	0	0	0	0	1822
29	0	0	0	0	0	0	19	100	251 ?	320	378 ?	464	266	338	180	157	67	11	0	0	0	0	0	0	2551
30	0	0	0	0	0	0	25	136 ?	149	127	55	?	?	?	?	?	26 ?	6	0	0	0	0	0	0	525 ?
Avg	0	0	0	0	0	1	29	82	122	170	206	213	211	202	179	126	71	26	1	0	0	0	0	0	1584
S D	0	0	0	0	0	1	17	51	78	111	126	136	125	108	88	52	37	18	1	0	0	0	0	0	784
S/A	0	0	0	0	0	1.19	0.61	0.62	0.64	0.66	0.61	0.64	0.59	0.54	0.49	0.41	0.52	0.7	1.88	0	0	0	0	0	0.49
Min	0	0	0	0	0	0	2	7	5	38	26	24	49	49	34	19	10	6	0	0	0	0	0	0	442
Max	0	0	0	0	0	6	75	209	267	386	413	464	423	389	317	211	177	81	7	0	0	0	0	0	2948

Daylight Data Recovery: 0% missing; 7% exceed the 15% QC threshold -- 4483 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 - September 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	19	19	19	19	19	20	20	20	20	19	19	20	20	20	21	21	20	21	21	21	21	22	22	22	20
2	22	22	22	22	22	21	21	22	22	23	23	24	24	24	24	23	23	23	23	23	23	23	23	23	23
3	23	23	23	23	23	23	23	23	22	23	23	22	23	24	24	24	24	24	24	23	23	23	23	23	23
4	23	23	24	24	24	23	23	23	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
5	24	24	24	24	24	24	24	24	25	26	26	27	28	29	29	29	28	27	27	26	26	26	26	25	26
6	25	25	25	25	25	25	25	25	24	25	25	24	24	25	25	25	24	24	25	25	26	26	26	25	25
7	25	25	25	25	25	22	22	23	24	24	25	25	27	28	29	29	27	26	25	25	24	24	24	24	25
8	24	24	24	24	24	24	24	24	25	26	27	28	29	29	30	29	28	27	26	25	25	25	24	24	26
9	24	24	24	23	23	23	24	25	26	27	27	26	25	26	27	27	26	23	22	22	22	21	22	22	24
10	22	22	22	23	23	23	23	23	23	24	24	24	25	26	27	27	26	25	24	23	22	22	21	21	24
11	20	20	20	20	19	19	19	20	22	24	25	26	26	26	26	26	25	25	22	21	20	18	17	17	22
12	16	16	16	16	16	16	17	20	22	24	25	26	26	26	26	25	25	24	22	21	20	20	19	19	21
13	19	19	18	18	18	18	19	21	23	25	25	26	27	27	27	26	25	24	24	23	23	23	23	23	23
14	23	23	23	23	24	24	23	24	24	25	25	26	27	26	25	25	25	25	25	24	24	24	24	24	25
15	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	25	25	25	25	24
16	25	26	26	26	26	26	25	24	23	22	22	21	20	20	20	21	21	21	21	20	19	18	17	16	22
17	16	16	15	15	14	14	14	17	19	20	21	22	23	23	24	24	24	23	20	18	18	17	16	15	19
18	14	14	13	13	13	13	14	17	20	22	24	24	24	25	24	24	23	22	20	19	19	19	19	19	19
19	18	17	17	17	16	16	16	20	22	23	23	24	24	24	24	23	23	22	21	20	19	19	19	18	20
20	18	19	18	18	18	18	18	21	23	24	24	24	26	26	26	25	25	23	22	22	22	22	22	22	22
21	22	20	20	19	19	19	19	19	19	19	19	20	21	22	22	22	21	21	20	19	19	19	19	17	20
22	17	16	15	15	14	14	14	14	13	13	13	14	14	16	17	17	17	17	15	14	12	11	11	11	14
23	10	10	9	10	9	9	10	13	16	18	19	20	21	22	23	23	22	20	18	17	17	16	16	16	16
24	15	15	14	14	13	13	13	15	18	19	21	22	23	23	23	22	22	21	19	18	18	18	18	18	18
25	17	17	16	16	16	16	17	18	19	21	23	25	26	26	26	26	25	24	23	21	21	21	20	20	21
26	20	20	20	20	19	19	19	19	21	24	26	27	27	27	27	26	26	24	23	23	22	22	21	21	23
27	21	21	21	21	21	21	22	22	24	24	25	26	26	25	25	25	25	24	24	23	23	23	23	23	23
28	23	22	22	22	22	22	22	23	23	24	24	25	25	25	25	25	25	24	23	22	22	22	21	22	23
29	22	22	22	22	22	22	22	22	24	24	25	26	25	25	25	25	25	24	23	23	23	23	23	23	23
30	23	24	24	20	18	17	17	17	18	19	20	21	21	22	22	22	22	20	18	17	17	15	14	12	19
Avg	21	20	20	20	20	20	20	21	22	23	23	24	24	25	25	25	24	23	22	22	21	21	21	20	22
S D	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	4	4	3
S/A	0.18	0.19	0.2	0.2	0.21	0.21	0.2	0.16	0.13	0.13	0.12	0.12	0.12	0.11	0.11	0.1	0.1	0.1	0.11	0.13	0.15	0.16	0.17	0.19	0.13
Min	10	10	9	10	9	9	10	13	13	13	13	14	14	16	17	17	17	17	15	14	12	11	11	11	14
Max	25	26	26	26	26	26	25	25	26	27	27	28	29	29	30	29	28	27	27	26	26	26	25	25	26

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 - September 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	95	93	95	96	96	94	93	93	96	98	100	100 ?	100 ?	100 ?	99	98	100 ?	100 ?	100	99	97	96	95	95	97 ?
2	96	95	96	98	98	100 ?	?	98	95	95	95	92	94	91	92	96	95	95	93	96	97	99	98	98	92
3	97	97	99	97	97	96	97	99	99 ?	99	100 ?	?	?	99	97	98	99	99	99	99	100	99	99	100	90 ?
4	100	?	100 ?	?	?	97 ?	99 ?	100 ?	100 ?	99	99	99	99	99 ?	98	97	98	97	99	99	98	97	98	99	86 ?
5	98	96	97	99	99	97	95	94	90	82	82	79	72	68	64	67	74	84	93	95	96	97	98	98	88
6	98	98	98	99	99	99	95	83	84	83	81	84	83	81	82	79	84	87	94	98	98	98	98	98	91
7	98	99	99	96	97	?	?	?	96	98	92	90	85	81	74	75	84	89	91	94	96	98	99	80 ?	
8	99	99	100 ?	?	?	?	?	99 ?	96	92	89	85	82	78	77	83	86	92	95	97	98	99	100 ?	?	73 ?
9	?	?	?	?	?	?	?	99 ?	95	86	83	89	94	91	83	80	87	95	?	?	?	?	?	?	41 ?
10	?	?	?	?	?	?	?	99 ?	98	95	91	88	82	74	69	69	72	77	87	92	97	99	100 ?	?	58 ?
11	?	?	?	100 ?	97	89	84	75	64	48	41	37	34	34	36	37	38	42	55	64	75	83	89	93	55 ?
12	97	100 ?	99 ?	97	97	97	90	73	66	61	51	48	49	49	47	51	59	66	78	86	92	95	96	96	77
13	96	97	99	100 ?	?	?	98	94	88	80	77	76	73	73	72	76	82	86	90	94	95	96	97	81	
14	97	97	98	98	97	98	98	98	98	97	95	92	89	94	98	97	96	97	99	100 ?	?	?	?	?	81 ?
15	?	?	?	?	?	?	?	?	?	?	100 ?	?	?	?	?	?	?	?	?	?	?	100 ?	99 ?	97	16 ?
16	97	96	95	94	94	91	96	96	96	?	97	92	93	94	87	80	78	76	73	73	76	82	85	84	
17	85	85	89	90	91	95	92	78	65	61	58	54	51	49	46	47	46	49	63	75	81	82	91	91	71
18	97	99 ?	?	?	?	?	98 ?	87	78	64	56	53	52	50	56	58	61	66	77	83	85	86	88	88	62 ?
19	88	94	97	97	99 ?	?	97 ?	81	67	60	57	52	51	54	57	59	61	65	73	80	88	92	96	98	73
20	99	99	100 ?	?	?	?	99 ?	93	87	75	66	66	59	58	60	62	65	73	80	82	83	85	87	88	69 ?
21	89	97	100 ?	?	?	?	?	?	?	?	99 ?	92	87	84	81	80	81	84	92	95	98	98	96	96	64 ?
22	96	97	96	96	97	99	100	100 ?	?	100 ?	97	93	90	78	71	66	64	64	70	76	85	88	87	89	83
23	93	93	96	92	92	93	90	78	67	56	48	45	41	40	40	40	51	58	68	74	75	83	87	87	70
24	91	89	87	90	94	94	94	85	76	63	53	48	50	44	47	52	57	64	71	78	92	96	98	98	76
25	98	99	100 ?	?	99 ?	?	94 ?	90	83	78	68	59	54	53	56	61	63	69	80	91	96	99 ?	?	?	66 ?
26	?	?	?	?	?	?	?	?	99 ?	93	82	76	81	78	77	77	81	90	95	98	99	100 ?	?	?	51 ?
27	?	?	?	?	?	?	?	100 ?	98	94	87	77	76	80	81	81	83	87	94	96	96	94	95	95	63 ?
28	96	97	99	?	100 ?	99	97	91	87	81	75	70	73	74	71	68	74	80	87	91	97	97	99	99	83
29	99	98	98	100	?	?	?	98 ?	90	81	76	75	77	78	79	77	76	78	81	85	86	87	86	87	75 ?
30	90	93	95	99	96	94	96	92	83	70	58	52	50	48	44	41	44	53	63	66	67	73	86	93	73
Avg	95	96	97	96	97	96	95	91	87	81	78	74	72	72	70	71	74	78	84	88	90	92	94	94	72
S D	4	3	3	3	2	3	4	8	12	15	18	19	19	19	18	18	17	16	12	11	9	7	5	5	16
S/A	0.04	0.04	0.03	0.03	0.03	0.03	0.04	0.09	0.14	0.19	0.23	0.25	0.26	0.27	0.26	0.25	0.23	0.2	0.15	0.12	0.1	0.08	0.06	0.05	0.23
Min	85	85	87	90	91	89	84	73	64	48	41	37	34	34	36	37	38	42	55	64	67	73	82	85	16
Max	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99	98	100	100	100	100	100	100	100	100	97

Data Recovery: 0% missing; 19% 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 - September 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	18	18	19	19	19	19	20	20	20	19	19	19	19	20	20	21	20	20	20	20	20	21	21	21	20
2	21	21	22	21	21	21	21	21	22	23	23	24	24	24	23	23	23	23	23	23	23	23	23	23	22
3	23	23	23	22	23	23	23	23	22	22	22	22	22	23	25	25	24	24	24	24	23	23	23	23	23
4	23	23	23	23	23	23	22	23	22	23	23	23	23	23	24	24	24	23	23	23	23	23	23	23	23
5	23	23	24	24	23	23	23	24	25	27	27	28	29	30	31	31	31	29	28	27	26	26	26	25	26
6	25	25	25	24	24	24	25	25	26	27	27	27	26	26	26	26	26	25	25	25	25	25	25	25	25
7	25	25	25	25	25	23	22	23	24	24	25	27	28	30	31	31	30	28	26	25	24	24	24	23	26
8	24	24	24	24	24	24	24	24	25	27	29	30	31	32	33	31	30	29	27	25	25	24	24	24	27
9	24	24	23	23	23	23	23	24	26	29	29	29	27	27	28	28	27	24	22	22	22	21	21	21	25
10	21	22	22	22	22	23	23	23	24	24	26	26	27	28	29	30	29	27	25	23	21	21	21	20	24
11	20	19	19	19	18	17	17	20	23	25	27	28	29	29	29	29	28	27	23	20	18	16	15	15	22
12	14	14	14	14	14	14	15	19	23	26	28	29	29	29	29	29	27	26	23	21	19	18	18	18	21
13	18	18	17	17	17	16	17	19	23	26	27	29	31	31	31	31	29	27	25	24	23	23	23	23	24
14	23	23	23	23	23	23	23	23	24	24	25	27	29	27	25	25	25	25	25	24	24	24	24	24	24
15	24	24	24	24	24	24	24	24	24	24	24	24	23	24	24	24	24	24	24	24	24	24	24	24	24
16	25	25	25	25	24	25	24	23	23	22	22	21	20	20	21	21	21	21	20	19	18	17	16	16	22
17	15	15	14	14	13	12	13	17	19	21	23	25	26	26	27	27	26	24	21	17	15	14	13	13	19
18	12	12	11	12	12	12	13	16	21	24	28	29	30	29	27	27	25	23	21	19	18	17	17	17	20
19	16	15	16	15	15	14	15	18	23	25	27	28	28	28	28	26	25	23	21	19	18	17	17	17	21
20	17	17	17	17	16	16	17	20	23	26	27	27	28	29	29	28	27	25	23	22	21	21	21	21	22
21	21	20	20	19	19	19	19	19	19	19	19	19	22	25	25	24	23	22	20	19	18	19	19	18	20
22	17	16	16	15	14	14	14	14	13	13	13	14	14	15	17	19	19	18	15	13	11	10	9	9	14
23	8	8	8	7	7	7	8	12	16	20	22	24	24	25	25	25	25	22	18	16	15	14	14	16	16
24	13	13	12	11	11	11	11	15	19	21	24	25	26	26	25	24	23	22	19	17	17	16	16	16	18
25	16	16	15	15	15	15	15	16	18	20	24	27	28	29	29	28	26	26	23	21	20	19	19	19	21
26	19	19	19	19	18	18	19	19	21	25	29	31	31	31	30	29	29	26	24	23	22	21	21	20	23
27	20	20	20	20	20	20	21	22	23	25	26	27	28	27	26	26	26	25	24	23	23	23	22	22	23
28	22	22	22	22	22	21	21	22	23	24	25	26	26	26	27	27	26	25	23	22	21	21	21	21	23
29	21	21	22	21	21	21	21	22	24	25	27	28	28	27	27	26	26	25	24	23	23	23	23	23	24
30	23	23	24	22	19	17	17	18	20	21	23	24	24	24	24	24	24	22	18	16	15	14	12	10	20
Avg	20	20	19	19	19	19	19	20	22	23	25	26	26	26	27	26	26	24	23	21	21	20	20	20	22
S D	4	4	4	5	5	5	4	3	3	3	3	4	4	4	3	3	3	3	3	3	4	4	4	4	3
S/A	0.21	0.22	0.23	0.24	0.24	0.25	0.23	0.16	0.13	0.13	0.14	0.15	0.14	0.14	0.13	0.12	0.11	0.1	0.12	0.15	0.17	0.19	0.21	0.22	0.13
Min	8	8	8	7	7	7	8	12	13	13	13	14	14	15	17	19	19	18	15	13	11	10	9	9	14
Max	25	25	25	25	25	25	25	25	26	29	29	31	31	32	33	31	31	29	28	27	26	26	25	25	27

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 - September 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	6	6	6	6	6	7	6	6	5	5	4	4	4	5	6	6	4	6	5	6	6	7	6	6	6
2	6	6	6	6	6	5	5	6	6	6	6	7	7	6	6	6	6	6	5	5	5	4	4	5	6
3	5	5	5	5	5	6	5	5	5	4	4	4	4	5	4	5	5	4	4	4	4	4	4	4	5
4	4	4	4	5	5	5	4	6	5	6	6	6	7	8	8	9	8	9	9	8	8	9	9	8	7
5	9	9	8	7	7	6	6	6	6	7	5	6	6	6	6	5	5	5	5	5	5	5	4	4	6
6	3	4	3	3	3	3	4	3	2	3	4	3	4	4	4	4	6	4	5	4	4	4	4	3	4
7	3	3	2	2	2	2	1	2	3	1	2	3	4	3	3	3	2	2	2	2	1	1	1	2	2
8	1	1	2	2	1	0	1	1	1	2	2	3	2	3	4	3	4	4	2	2	2	2	2	1	2
9	2	2	1	0	0	1	0	2	2	3	3	3	1	1	2	2	2	2	1	1	1	0	0	1	1
10	1	2	1	1	1	1	1	3	3	4	4	4	4	3	4	3	3	1	0	0	0	1	1	1	2
11	0	0	1	1	1	1	1	2	3	4	4	3	3	3	3	3	2	1	1	1	0	0	0	0	2
12	0	0	0	1	1	1	1	1	2	3	3	4	4	4	4	4	3	2	1	1	1	1	0	1	2
13	1	1	1	1	1	1	1	1	1	3	3	3	4	4	3	4	3	3	2	1	1	1	1	1	2
14	1	2	2	1	2	3	2	2	3	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	3	5	6	6	7	8	8	9	7	4
16	7	7	7	8	9	10	12	12	12	7	9	8	8	8	7	7	5	5	4	4	4	3	2	2	7
17	2	2	2	2	2	2	2	3	4	4	3	2	2	2	1	2	2	1	0	0	0	0	0	0	2
18	0	0	1	1	1	1	1	1	1	2	1	2	2	2	1	2	2	2	2	1	1	1	0	0	1
19	0	0	0	0	0	1	0	0	2	2	2	2	3	3	4	4	3	3	2	1	1	1	1	0	1
20	1	1	0	0	0	0	0	1	2	2	2	2	1	3	2	3	4	2	2	1	1	1	1	1	1
21	0	1	1	0	0	0	0	0	0	1	1	1	1	2	2	2	1	1	1	1	1	2	4	4	1
22	5	5	6	6	5	5	5	4	4	4	4	5	5	4	5	5	4	3	2	1	1	2	2	2	4
23	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	1	1	1	2	1	1	1
24	1	1	1	0	1	1	1	1	2	2	2	2	3	3	2	2	2	1	1	1	1	1	1	2	2
25	1	1	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	0	0	1	1	0	1
26	0	0	0	0	0	0	0	1	1	1	1	3	3	3	4	4	3	2	2	2	1	1	1	1	1
27	1	1	1	1	1	1	1	2	3	3	3	4	5	4	4	4	3	2	2	2	2	1	2	2	2
28	2	0	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1	1	1	2
29	1	1	2	2	1	1	1	2	4	4	4	4	3	4	4	3	3	3	4	3	4	4	4	5	3
30	4	4	4	5	3	3	2	3	3	5	3	3	3	3	3	2	2	1	1	1	2	0	0	0	3
Avg	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	3	3	3	2	2	2	2	2	3
S/D	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
S/A	0.94	0.96	0.95	1	1.02	1.03	1.07	0.89	0.69	0.54	0.54	0.48	0.51	0.5	0.44	0.48	0.46	0.65	0.79	0.82	0.91	0.97	0.98	0.95	0.63
Min	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
Max	9	9	8	8	9	10	12	12	12	7	9	8	8	8	8	9	8	9	9	8	8	9	9	8	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 WS
Calibration Date: 6/1/95

Wind Direction
Hourly and Daily Averages
Degrees

Elizabeth City State Universit - September 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	274	285	278	274	291	290	296	270	278	262	271	260	259	271	272	278	268	269	277	277	267	279	285	288	277
2	287	281	273	280	288	271	297	301	289	299	292	307	309	306	305	310	299	298	310	318	314	313	302	304	298
3	309	314	322	324	342	324	320	323	329	331	329	351	312	318	340	316	324	327	330	330	321	315	326	326	325
4	313	322	322	333	325	331	306	328	342	331	333	342	357	7	1	5	12	29	15	26	11	20	42	51	360
5	45	47	48	56	70	53	63	58	63	72	79	87	91	90	79	64	64	64	73	67	67	64	76	71	66
6	76	73	75	85	75	77	128	126	128	145	130	145	98	92	98	71	67	72	62	85	91	85	110	106	93
7	104	112	103	166	101	86	83	109	171	159	85	98	116	99	120	122	118	118	120	111	141	121	147	134	117
8	134	174	168	188	181	135	123	150	156	108	147	130	111	121	94	86	91	97	109	115	119	126	133	138	122
9	130	140	133	177	89	105	109	103	101	106	121	90	124	126	78	82	57	114	191	72	128	283	340	358	102
10	342	346	326	338	24	46	205	254	274	282	281	290	293	302	292	284	317	298	286	275	195	218	210	210	290
11	222	202	223	225	245	246	259	289	272	292	300	287	243	297	316	318	330	326	355	1	333	0	0	0	288
12	259	259	261	264	262	278	274	277	287	313	343	11	346	359	342	0	335	335	298	297	277	266	282	283	327
13	286	285	296	294	289	299	295	299	328	339	346	360	4	2	360	5	359	12	11	348	344	3	353	321	347
14	357	1	354	337	344	10	20	8	15	17	12	14	11	356	4	14	4	344	345	340	11	14	13	347	4
15	341	334	347	351	4	6	4	351	353	22	357	330	317	340	345	360	10	7	360	5	354	15	15	61	5
16	26	28	28	24	30	40	41	31	87	300	297	312	280	293	284	283	293	289	289	285	301	302	302	304	344
17	319	299	295	305	303	299	325	346	357	1	360	352	15	313	335	298	290	320	314	305	312	331	331	328	329
18	241	300	282	291	309	305	322	20	47	58	20	84	102	107	175	134	106	100	89	84	82	102	112	103	86
19	97	36	40	27	20	14	27	72	82	88	73	94	99	129	117	127	111	105	120	103	79	90	83	39	100
20	63	88	100	90	105	30	65	84	120	109	150	98	124	149	180	156	157	147	155	160	167	164	125	115	140
21	145	275	277	247	238	145	73	235	259	165	101	101	126	123	124	154	139	139	73	58	23	26	357	7	70
22	17	16	13	19	7	360	1	7	352	345	352	357	349	11	348	20	340	1	304	322	277	290	306	304	357
23	310	299	298	307	302	285	312	304	309	315	336	333	329	286	280	239	197	220	203	195	189	190	189	213	276
24	222	225	235	252	261	258	237	249	277	263	257	233	230	232	211	227	225	212	217	206	219	212	238	236	234
25	243	246	224	256	194	0	278	280	286	283	230	223	230	202	222	223	184	164	170	155	159	167	179	177	221
26	189	165	169	0	0	0	32	55	75	53	112	111	90	105	118	119	112	121	111	117	117	95	86	76	105
27	85	79	80	85	91	105	95	103	115	119	132	134	138	142	143	136	134	127	130	128	128	142	140	132	126
28	135	132	114	97	112	141	127	139	148	143	157	159	123	99	103	140	115	126	104	110	110	48	77	104	122
29	127	137	118	108	114	119	122	134	151	153	162	139	134	140	141	154	151	150	168	165	175	167	172	174	151
30	182	190	219	285	325	321	309	316	330	355	354	341	317	332	337	356	318	317	322	332	341	336	294	297	316
Avg	352	348	341	339	352	355	355	353	5	340	335	4	356	3	3	10	18	23	14	16	1	13	13	21	359

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 - September 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	10	10	11	11	10	11	9	10	9	8	8	8	8	7	10	9	7	9	9	10	9	10	9	10	9
2	10	9	9	9	9	8	9	10	9	10	10	10	10	10	10	10	9	9	8	8	9	7	8	8	9
3	8	8	8	9	9	9	8	8	8	7	7	6	6	7	8	7	7	7	7	7	7	7	7	7	8
4	7	7	7	8	8	8	7	10	9	10	10	10	10	13	13	13	13	14	14	12	12	13	13	12	11
5	13	13	12	11	10	9	9	10	8	10	8	9	9	8	8	8	8	8	7	7	7	8	7	6	9
6	5	6	6	5	4	5	6	5	4	5	7	5	6	7	7	7	8	6	7	6	6	6	6	5	6
7	5	5	4	4	3	3	2	3	5	2	4	5	6	4	5	5	5	3	3	4	2	3	3	3	4
8	3	2	3	3	2	1	1	3	3	3	4	4	4	5	5	5	6	6	4	4	3	4	3	3	3
9	2	3	1	0	0	1	1	3	3	4	5	4	2	2	3	3	4	3	1	2	2	0	1	2	2
10	2	3	3	2	2	1	3	5	5	6	7	7	7	5	6	4	4	2	0	0	0	2	1	1	3
11	1	1	2	2	3	3	3	4	5	6	6	5	5	4	5	3	2	1	1	0	0	0	0	0	3
12	0	0	1	1	1	1	2	2	4	4	5	6	6	6	6	6	4	4	2	2	1	2	2	2	3
13	2	2	2	2	1	1	2	2	3	5	4	4	5	6	5	6	5	4	4	2	2	2	2	2	3
14	2	3	3	2	3	4	4	4	4	4	4	5	5	4	3	4	4	3	2	3	4	4	3	3	3
15	3	3	3	4	3	3	3	3	3	3	3	3	3	4	5	5	7	8	9	10	11	13	13	11	6
16	10	11	12	12	13	16	17	18	19	11	14	13	13	12	11	12	9	8	8	7	6	5	4	4	11
17	4	4	3	3	3	3	3	5	7	6	5	4	4	4	3	4	4	2	1	1	1	1	1	0	3
18	0	0	1	1	1	1	2	2	3	3	2	3	3	3	3	3	3	3	3	2	2	1	1	1	2
19	0	1	1	0	1	1	1	1	3	4	3	4	4	5	6	5	4	4	3	1	1	1	1	1	2
20	1	1	0	0	0	1	1	2	3	3	3	2	4	4	5	5	3	2	2	2	1	1	1	1	2
21	1	1	2	0	0	1	0	1	1	2	2	3	3	3	3	3	2	1	2	2	2	3	7	7	2
22	8	8	10	9	8	8	7	7	7	7	8	8	9	8	8	8	7	5	4	3	2	2	2	3	7
23	2	2	2	2	2	2	2	2	3	3	4	4	4	3	4	3	4	3	1	2	2	3	2	2	3
24	2	2	2	1	1	1	1	2	3	4	4	4	4	4	4	3	3	2	2	2	2	2	2	2	2
25	2	1	0	0	1	0	1	2	2	2	2	2	2	3	3	2	2	2	1	1	0	1	1	1	1
26	1	0	1	0	0	0	1	2	2	2	2	4	5	5	6	5	4	3	3	2	1	1	1	1	2
27	1	1	2	2	1	2	2	3	4	4	5	7	7	6	5	6	4	3	3	2	3	2	2	3	3
28	3	1	1	2	2	3	3	3	3	3	3	4	3	3	5	3	3	3	2	3	3	2	2	2	3
29	2	1	2	2	2	2	2	3	5	5	5	6	5	5	5	5	5	5	6	5	6	5	7	7	4
30	6	6	7	8	6	5	4	5	6	8	6	6	6	6	6	5	4	3	2	3	3	1	1	0	5
Avg	4	4	4	4	4	4	4	5	5	5	5	6	6	6	6	6	5	5	4	4	4	4	4	4	4
S D	4	4	4	4	4	4	4	4	3	3	3	3	3	3	2	3	2	3	3	3	3	3	4	3	3
S/A	0.9	0.92	0.92	0.96	0.97	1	0.96	0.81	0.68	0.52	0.51	0.47	0.48	0.47	0.43	0.48	0.45	0.62	0.75	0.8	0.86	0.93	0.94	0.91	0.61
Min	0	0	0	0	0	0	0	1	1	1	2	2	2	2	3	2	2	1	0	0	0	0	0	0	1
Max	13	13	12	12	13	16	17	18	19	11	14	13	13	13	13	13	13	14	14	12	12	13	13	12	11

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 - September 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	1011	1010	1010	1009	1010	1010	1010	1011	1011	1011	1011	1011	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1009	1009	1010	
2	1008	1008	1008	1008	1008	1008	1008	1009	1009	1009	1009	1009	1009	1009	1008	1008	1009	1009	1009	1009	1009	1010	1010	1009	1009	1009
3	1009	1009	1008	1008	1008	1008	1008	1009	1009	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1009
4	1009	1008	1008	1008	1008	1008	1008	1008	1008	1008	1007	1006	1005	1004	1003	1003	1002	1002	1001	1002	1002	1002	1002	1002	1002	1005
5	1002	1002	1002	1003	1003	1004	1005	1006	1006	1007	1007	1008	1008	1008	1008	1008	1008	1008	1008	1009	1009	1010	1010	1010	1010	1007
6	1010	1010	1010	1010	1010	1010	1011	1012	1012	1012	1013	1012	1011	1011	1010	1009	1009	1009	1009	1009	1010	1010	1010	1010	1010	1011
7	1010	1009	1009	1009	1010	1010	1010	1010	1011	1011	1011	1011	1011	1010	1010	1009	1009	1009	1009	1009	1010	1011	1011	1010	1010	1010
8	1010	1010	1009	1009	1010	1010	1011	1011	1011	1011	1012	1012	1011	1010	1009	1009	1009	1009	1009	1009	1010	1010	1011	1011	1010	1010
9	1011	1010	1010	1010	1010	1010	1011	1011	1010	1010	1010	1010	1009	1009	1009	1008	1008	1008	1008	1008	1009	1008	1008	1007	1009	1009
10	1007	1006	1005	1005	1004	1004	1004	1005	1005	1006	1006	1006	1006	1006	1006	1006	1006	1007	1007	1008	1009	1010	1010	1010	1010	1006
11	1010	1010	1011	1011	1011	1012	1013	1014	1015	1015	1016	1016	1015	1015	1015	1015	1015	1016	1016	1017	1017	1017	1017	1017	1017	1014
12	1017	1017	1017	1018	1018	1019	1019	1020	1020	1021	1021	1020	1020	1020	1020	1020	1019	1019	1019	1020	1020	1020	1020	1019	1019	1019
13	1019	1018	1018	1018	1018	1018	1018	1018	1018	1018	1019	1018	1018	1017	1017	1016	1016	1016	1016	1017	1017	1017	1016	1016	1016	1017
14	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1015	1014	1014	1014	1014	1014	1014	1014	1014	1014	1014	1014	1013	1015
15	1013	1013	1012	1012	1012	1012	1012	1012	1012	1012	1011	1011	1010	1009	1008	1007	1007	1006	1005	1004	1002	1001	999	998	1008	1008
16	997	995	994	991	989	986	983	979	972	970	979	986	991	995	998	1000	1002	1004	1005	1007	1008	1009	1010	1010	994	994
17	1011	1011	1011	1012	1013	1013	1014	1015	1016	1016	1016	1016	1016	1015	1015	1015	1016	1016	1016	1017	1017	1017	1017	1017	1015	1015
18	1017	1017	1017	1017	1017	1018	1018	1019	1019	1020	1020	1019	1019	1018	1017	1017	1017	1017	1017	1017	1017	1018	1018	1018	1018	1018
19	1018	1018	1018	1018	1018	1018	1019	1019	1019	1020	1019	1019	1018	1018	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1018
20	1016	1016	1016	1015	1015	1015	1015	1015	1016	1015	1015	1014	1014	1013	1012	1012	1012	1012	1011	1012	1012	1012	1011	1011	1011	1014
21	1010	1009	1009	1009	1009	1008	1008	1008	1009	1009	1008	1007	1007	1006	1006	1005	1005	1005	1005	1005	1005	1005	1005	1004	1007	1007
22	1004	1004	1003	1003	1003	1003	1004	1004	1005	1005	1005	1005	1005	1005	1005	1005	1006	1007	1008	1009	1010	1010	1011	1011	1006	1006
23	1011	1011	1011	1012	1012	1013	1014	1015	1016	1016	1016	1015	1015	1014	1014	1014	1014	1014	1014	1014	1015	1015	1015	1015	1014	1014
24	1015	1015	1014	1014	1014	1015	1015	1016	1016	1016	1015	1015	1014	1013	1013	1013	1013	1013	1013	1013	1013	1014	1014	1014	1014	1014
25	1014	1014	1013	1013	1014	1014	1015	1015	1016	1016	1016	1016	1015	1015	1015	1015	1015	1015	1016	1016	1016	1017	1017	1017	1015	1015
26	1017	1018	1018	1018	1018	1019	1019	1020	1021	1021	1021	1021	1021	1020	1020	1020	1020	1020	1020	1020	1021	1021	1021	1021	1020	1020
27	1021	1021	1021	1021	1021	1022	1022	1022	1023	1023	1023	1023	1023	1022	1022	1022	1022	1022	1022	1022	1022	1023	1023	1023	1022	1022
28	1022	1022	1022	1022	1022	1022	1022	1023	1023	1023	1023	1023	1023	1023	1023	1022	1022	1022	1021	1021	1021	1020	1021	1021	1021	1022
29	1020	1020	1019	1019	1019	1019	1019	1018	1018	1018	1017	1016	1016	1015	1014	1013	1012	1011	1011	1011	1010	1009	1008	1007	1015	1015
30	1006	1005	1004	1005	1007	1008	1009	1010	1010	1011	1011	1011	1011	1011	1011	1011	1011	1012	1012	1013	1013	1014	1014	1014	1010	1010
Avg	1012	1012	1011	1011	1011	1012	1012	1012	1012	1013	1013	1013	1012	1012	1012	1012	1012	1012	1012	1012	1013	1013	1013	1012	1012	1012
S D	6	6	6	6	7	7	7	8	9	9	8	7	6	6	6	5	5	5	5	5	5	5	5	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	0.01
Min	997	995	994	991	989	986	983	979	972	970	979	986	991	995	998	1000	1002	1002	1001	1002	1002	1001	999	998	994	994
Max	1022	1022	1022	1022	1022	1022	1022	1023	1023	1023	1023	1023	1023	1023	1022	1022	1022	1022	1022	1022	1022	1023	1023	1022	1022	1022

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