

Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - February 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	36	116	188	290	378	407	368	233	132	44	3	0	0	0	0	0	0	2193	
2	0	0	0	0	0	0	0	18	71	97	91	104	367	388	157	100	46	7	0	0	0	0	0	0	1448	
3	0	0	0	0	0	0	0	38	184	211	?	417	?	621	?	584	505	405	286	109	6	0	0	0	0	3367
4	0	0	0	0	0	0	0	33	42	107	76	24	54	283	280	210	22	9	0	0	0	0	0	0	1139	
5	0	0	0	0	0	0	0	66	221	412	551	634	651	596	461	274	126	7	0	0	0	0	0	0	3999	
6	0	0	0	0	0	0	0	21	88	171	261	492	497	378	301	167	66	3	0	0	0	0	0	0	2446	
7	0	0	0	0	0	0	0	68	211	391	275	323	184	279	342	253	115	11	0	0	0	0	0	0	2452	
8	0	0	0	0	0	0	0	17	62	173	51	93	235	285	254	183	134	12	0	0	0	0	0	0	1500	
9	0	0	0	0	0	0	0	65	176	?	432	?	482	597	568	460	382	209	75	10	0	0	0	0	0	3456
10	0	0	0	0	0	0	0	36	145	347	468	656	668	611	495	339	148	13	0	0	0	0	0	0	0	3926
11	0	0	0	0	0	0	1	67	234	?	421	568	655	674	500	468	329	146	13	0	0	0	0	0	0	4076
12	0	0	0	0	0	0	0	31	76	117	160	237	325	102	218	242	103	14	0	0	0	0	0	0	0	1627
13	0	0	0	0	0	0	0	121	205	344	603	681	696	667	453	180	86	10	0	0	0	0	0	0	0	4046
14	0	0	0	0	0	0	1	82	272	465	547	677	687	653	535	372	170	19	0	0	0	0	0	0	0	4479
15	0	0	0	0	0	0	1	82	264	447	593	679	698	644	525	361	161	18	0	0	0	0	0	0	0	4474
16	0	0	0	0	0	0	1	74	259	400	577	668	674	634	492	336	145	18	0	0	0	0	0	0	0	4277
17	0	0	0	0	0	0	2	72	220	404	543	649	657	577	367	265	121	18	0	0	0	0	0	0	0	3896
18	0	0	0	0	0	0	0	12	34	62	69	72	45	65	55	31	27	3	0	0	0	0	0	0	0	475
19	0	0	0	0	0	0	1	59	148	269	373	551	693	652	452	136	116	12	0	0	0	0	0	0	0	3462
20	0	0	0	0	0	0	1	65	201	282	344	360	590	502	470	344	173	24	0	0	0	0	0	0	0	3354
21	0	0	0	0	0	0	1	60	147	239	382	708	724	668	545	383	185	29	0	0	0	0	0	0	0	4071
22	0	0	0	0	0	0	2	80	317	510	611	662	754	704	578	408	202	34	0	0	0	0	0	0	0	4863
23	0	0	0	0	0	0	4	100	227	331	254	239	159	86	143	171	167	20	0	0	0	0	0	0	0	1900
24	0	0	0	0	0	0	1	50	230	175	327	340	292	255	117	80	44	11	0	0	0	0	0	0	0	1922
25	0	0	0	0	0	0	7	79	142	207	312	660	549	347	260	115	55	3	0	0	0	0	0	0	0	2734
26	0	0	0	0	0	0	5	124	326	507	606	623	704	672	568	397	197	33	0	0	0	0	0	0	0	4761
27	0	0	0	0	0	0	7	129	302	505	599	670	548	529	401	271	180	33	0	0	0	0	0	0	0	4174
28	0	0	0	0	0	0	8	77	144	271	190	134	156	158	171	278	115	?	1	0	0	0	0	0	0	1702
Avg	0	0	0	0	0	0	2	63	181	303	379	471	494	449	362	245	117	14	0	0	0	0	0	0	0	3079
S D	0	0	0	0	0	0	2	31	81	135	184	228	222	196	148	103	53	9	0	0	0	0	0	0	0	1229
S/A	0	0	0	0	0	0	1.53	0.49	0.45	0.44	0.49	0.48	0.45	0.44	0.41	0.42	0.45	0.66	0	0	0	0	0	0	0	0.4
Min	0	0	0	0	0	0	0	12	34	62	51	24	45	65	55	31	22	1	0	0	0	0	0	0	0	475
Max	0	0	0	0	0	0	8	129	326	510	611	708	754	704	578	408	202	34	0	0	0	0	0	0	0	4863

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 3642 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
Note: Instrument was changed during month.

**Direct Normal Solar Radiation
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - February 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	1	8	8	42	45	53	51	22	3	0	0	0	0	0	0	0	0	231
2	0	0	0	0	0	0	0	0	0	1	0	0	119	140	7	8	10	3	0	0	0	0	0	0	289
3	0	0	0	0	0	0	0	26	190	29	439	712	574	537	507	621	361	43	0	0	0	0	0	0	4037
4	0	0	0	0	0	0	0	0	1	2	1	0	0	49	152	273	46	40	0	0	0	0	0	0	564
5	0	0	0	0	0	0	0	334	666	866	920	946	948	931	824	651	601	112	0	0	0	0	0	0	7797
6	0	0	0	0	0	0	0	3	1	2	7	344	265	164	130	54	4	0	0	0	0	0	0	0	976
7	0	0	0	0	0	0	0	250	446	582	98	92	2	22	250	347	251	21	0	0	0	0	0	0	2361
8	0	0	0	0	0	0	0	0	0	5	0	1	24	55	155	183	499	100	0	0	0	0	0	0	1022
9	0	0	0	0	0	0	0	184	659	746	558	588	545	349	340	99	1	16	0	0	0	0	0	0	4084
10	0	0	0	0	0	0	0	6	36	370	482	804	930	919	885	813	640	159	0	0	0	0	0	0	6043
11	0	0	0	0	0	0	2	273	815	802	838	896	758	423	698	747	603	120	0	0	0	0	0	0	6975
12	0	0	0	0	0	0	0	15	1	3	2	12	60	2	73	195	83	18	0	0	0	0	0	0	464
13	0	0	0	0	0	0	0	295	375	578	947	962	960	872	484	91	27	5	0	0	0	0	0	0	5596
14	0	0	0	0	0	0	1	445	755	863	577	831	907	947	917	850	681	205	0	0	0	0	0	0	7977
15	0	0	0	0	0	0	11	451	753	870	919	946	949	935	895	817	639	164	0	0	0	0	0	0	8351
16	0	0	0	0	0	0	0	258	549	681	825	891	829	876	725	647	417	86	0	0	0	0	0	0	6783
17	0	0	0	0	0	0	2	100	396	589	709	791	767	600	266	247	170	53	0	0	0	0	0	0	4690
18	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
19	0	0	0	0	0	0	0	49	18	46	107	324	762	803	586	2	6	0	0	0	0	0	0	0	2702
20	0	0	0	0	0	0	0	87	343	179	154	131	386	368	561	631	560	182	0	0	0	0	0	0	3583
21	0	0	0	0	0	0	0	26	1	2	225	868	884	864	818	748	590	198	0	0	0	0	0	0	5223
22	0	0	0	0	0	0	0	177	773	884	742	599	859	947	926	871	727	302	0	0	0	0	0	0	7808
23	0	0	0	0	0	0	8	151	190	146	8	1	0	0	1	4	139	0	0	0	0	0	0	0	647
24	0	0	0	0	0	0	0	3	167	1	23	16	5	3	0	0	0	0	0	0	0	0	0	0	218
25	0	0	0	0	0	0	0	8	3	4	55	556	220	32	16	0	0	0	0	0	0	0	0	0	894
26	0	0	0	0	0	0	17	230	515	741	591	509	731	782	821	752	598	202	0	0	0	0	0	0	6489
27	0	0	0	0	0	0	52	469	606	771	663	661	312	388	214	149	294	40	0	0	0	0	0	0	4618
28	0	0	0	0	0	0	4	1	8	44	2	0	0	2	1	195	12	0	0	0	0	0	0	0	269
Avg	0	0	0	0	0	0	3	137	296	350	355	447	459	431	403	357	284	74	0	0	0	0	0	0	3596
S/D	0	0	0	0	0	0	10	153	298	359	351	373	378	378	343	325	271	84	0	0	0	0	0	0	2872
S/A	0	0	0	0	0	0	2.88	1.12	1.01	1.03	0.99	0.83	0.82	0.88	0.85	0.91	0.95	1.14	0	0	0	0	0	0	0.8
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	0	52	469	815	884	947	962	960	947	926	871	727	302	0	0	0	0	0	0	8351

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 3642 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
Note: Instrument was changed during month.

Diffuse Solar Radiation on a Horizontal Surface (Shadow Band PSP)
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - February 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	33	109	175	261	341	358	328	215	122	42	3	0	0	0	0	0	0	1986
2	0	0	0	0	0	0	0	19	68	92	87	100	272	297	147	92	42	7	0	0	0	0	0	0	1223
3	0	0	0	0	0	0	0	32	132	184	?	189	?	176	?	207	186	161	75	46	5	0	0	0	1392
4	0	0	0	0	0	0	0	36	?	40	100	72	23	52	235	206	116	18	7	0	0	0	0	0	904
5	0	0	0	0	0	0	0	37	47	48	53	52	52	49	55	46	21	2	0	0	0	0	0	0	463
6	0	0	0	0	0	0	0	19	82	158	243	250	300	255	223	139	62	3	0	0	0	0	0	0	1735
7	0	0	0	0	0	0	0	37	?	93	131	206	250	172	248	204	114	63	10	0	0	0	0	0	1527
8	0	0	0	0	0	0	0	16	58	160	48	87	207	238	166	120	42	6	0	0	0	0	0	0	1149
9	0	0	0	0	0	0	0	28	60	?	90	150	205	192	227	188	162	70	9	0	0	0	0	0	1381
10	0	0	0	0	0	0	0	33	131	167	176	131	55	46	42	39	27	5	0	0	0	0	0	0	851
11	0	0	0	0	0	0	0	19	38	68	79	71	161	214	106	51	29	6	0	0	0	0	0	0	845
12	0	0	0	0	0	0	0	29	71	109	148	221	269	95	172	154	79	13	0	0	0	0	0	0	1358
13	0	0	0	0	0	0	0	83	?	104	60	54	54	56	123	199	134	78	10	0	0	0	0	0	955
14	0	0	0	0	0	0	0	27	49	66	199	122	75	59	51	43	31	6	0	0	0	0	0	0	730
15	0	0	0	0	0	0	1	26	43	48	53	54	56	52	49	42	30	7	0	0	0	0	0	0	460
16	0	0	0	0	0	0	1	34	90	71	83	73	95	74	103	81	55	12	0	0	0	0	0	0	769
17	0	0	0	0	0	0	0	59	88	123	109	116	126	182	210	153	84	14	0	0	0	0	0	0	1264
18	0	0	0	0	0	0	0	11	32	58	65	68	42	61	52	29	25	2	0	0	0	0	0	0	446
19	0	0	0	0	0	0	1	51	135	235	294	303	144	118	114	128	109	11	0	0	0	0	0	0	1644
20	0	0	0	0	0	0	1	44	98	189	241	255	307	246	147	90	48	10	0	0	0	0	0	0	1675
21	0	0	0	0	0	0	1	53	135	218	214	105	97	94	89	76	50	14	0	0	0	0	0	0	1146
22	0	0	0	0	0	0	2	43	56	67	143	228	133	71	59	48	35	11	0	0	0	0	0	0	896
23	0	0	0	0	0	0	4	80	151	258	235	225	149	81	134	158	126	18	0	0	0	0	0	0	1619
24	0	0	0	0	0	0	1	46	165	161	300	321	268	235	109	75	41	10	0	0	0	0	0	0	1731
25	0	0	0	0	0	0	5	?	73	131	190	259	243	377	322	236	107	51	3	0	0	0	0	0	1995
26	0	0	0	0	0	0	4	65	114	114	214	252	161	133	92	73	48	14	0	0	0	0	0	0	1284
27	0	0	0	0	0	0	5	50	82	98	153	172	291	242	254	205	99	28	0	0	0	0	0	0	1678
28	0	0	0	0	0	0	7	70	132	239	174	124	146	146	157	192	105	?	1	0	0	0	0	0	1492
Avg	0	0	0	0	0	0	1	41	91	131	161	165	172	166	141	102	56	9	0	0	0	0	0	0	1236
S/D	0	0	0	0	0	0	2	19	38	62	78	90	98	89	63	48	28	6	0	0	0	0	0	0	442
S/A	0	0	0	0	0	0	1.64	0.47	0.42	0.47	0.49	0.55	0.57	0.53	0.45	0.47	0.51	0.64	0	0	0	0	0	0	0.36
Min	0	0	0	0	0	0	0	11	32	48	48	23	42	46	42	29	18	1	0	0	0	0	0	0	446
Max	0	0	0	0	0	0	7	83	165	258	300	341	377	328	254	205	126	28	0	0	0	0	0	0	1995

Daylight Data Recovery: 0% missing; 1% exceed the 15% QC threshold -- 3642 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
Note: Instrument was changed during month.

Dry Bulb Temperature (Roof)
Hourly and Daily Averages
Degrees Celsius
Elizabeth City State Universit - February 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	3	3	4	4	3	3	5	5	6	7	9	10	11	11	11	11	11	10	10	11	11	11	11	11	12	8
2	13	13	14	14	14	13	14	14	15	15	15	16	17	19	19	19	19	18	17	17	16	16	14	13	16	16
3	12	11	10	9	8	8	8	8	8	9	11	13	14	14	14	14	13	11	9	8	8	8	8	8	10	10
4	8	8	8	8	8	8	8	8	8	9	10	11	11	12	14	15	14	12	13	12	11	10	9	8	10	10
5	8	7	6	6	6	5	4	4	6	8	9	10	11	12	13	13	13	11	9	8	6	6	4	4	8	8
6	3	3	4	4	4	5	5	6	7	8	10	12	14	16	18	18	18	17	16	15	14	13	13	12	11	11
7	12	11	10	9	8	8	8	8	9	11	11	12	12	13	14	16	17	17	17	17	16	16	16	16	13	13
8	15	15	16	16	13	11	9	8	8	9	9	8	9	9	10	10	10	8	6	6	5	5	4	4	9	9
9	3	2	1	1	1	1	2	3	5	7	9	11	12	13	14	15	14	14	13	13	13	14	14	14	9	9
10	14	14	13	13	12	11	10	10	10	12	15	17	17	18	18	16	14	12	11	10	9	8	8	6	13	13
11	6	5	5	4	3	4	5	5	9	11	13	14	15	15	15	16	16	14	14	14	14	13	13	13	11	11
12	13	13	14	14	14	15	16	16	17	18	17	19	20	20	19	20	20	20	20	19	17	10	8	8	16	16
13	7	6	5	4	3	3	2	2	4	4	7	7	8	9	9	8	7	6	5	5	4	2	1	-0	5	5
14	-1	-1	-2	-2	-2	-2	-3	-2	-1	-0	1	2	3	4	5	5	6	5	3	3	2	1	1	-0	1	1
15	-0	-1	-1	-1	-1	-2	-2	-2	2	5	6	8	9	11	11	12	12	10	9	8	7	7	6	6	5	5
16	6	6	6	6	6	5	5	5	7	10	13	15	16	17	17	17	17	15	13	12	11	10	10	10	11	11
17	9	9	9	9	9	9	9	10	11	14	16	18	19	20	20	20	20	18	17	15	14	14	14	13	14	14
18	13	13	14	15	15	15	15	15	15	15	15	11	8	8	8	8	8	8	7	7	7	7	7	7	11	11
19	7	7	7	7	7	6	6	5	6	7	8	8	9	9	9	8	7	6	6	6	5	4	4	4	7	7
20	3	3	4	4	4	4	4	4	5	6	6	6	7	8	9	9	9	8	6	5	4	3	3	3	5	5
21	3	3	3	2	1	-0	-1	-0	0	1	2	3	4	4	4	4	4	3	2	2	1	1	0	-1	2	2
22	-1	-1	-2	-2	-2	-2	-2	-3	-2	-1	-1	-0	0	1	1	2	1	1	-0	-1	-2	-2	-2	-3	-1	-1
23	-3	-3	-4	-5	-5	-5	-5	-3	-1	0	1	2	2	2	1	1	2	1	1	1	1	1	1	-1	-1	-1
24	1	1	1	1	0	1	1	2	2	3	4	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	1	1	1	2	3	5	6	7	7	6	6	4	3	3	3	3	3	2	3	3
26	2	2	2	1	1	1	0	-0	2	4	5	6	7	8	9	10	10	9	7	6	6	5	4	4	5	5
27	4	3	2	2	1	1	-0	2	6	7	9	11	12	13	14	14	14	12	10	11	11	11	12	12	8	8
28	12	12	13	13	14	14	14	14	15	17	17	17	16	16	16	17	16	10	10	10	10	10	10	10	14	14
Avg	6	6	6	6	5	5	5	5	6	8	9	10	11	11	11	12	11	10	9	9	8	7	7	7	8	8
SD	5	5	5	6	6	5	6	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	5
S/A	0.83	0.86	0.92	0.99	1.05	1.06	1.14	1.04	0.79	0.66	0.57	0.52	0.49	0.47	0.47	0.47	0.48	0.52	0.58	0.61	0.64	0.67	0.71	0.77	0.59	0.59
Min	-3	-3	-4	-5	-5	-5	-5	-3	-2	-1	-1	-0	0	1	1	1	1	-0	-1	-2	-2	-2	-3	-1	-1	
Max	15	15	16	16	15	15	16	16	17	18	17	19	20	20	20	20	20	20	20	19	17	16	16	16	16	16

Data Recovery: 0% missing; 0% failed QC -- 8064 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 - February 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	86	89	90	91	94	95	92	92	90	87	83	79	78	79	80	84	87	91	92	89	88	88	88	84	87			
2	84	90	88	87	90	97	97	99	100	?	?	?	98	94	95	95	94	96	98	100	?	100	?	100	?	79	?	
3	99	99	100	?	?	?	?	?	99	?	98	90	79	72	69	65	60	64	75	86	97	97	98	100	?	64	?	
4	?	?	?	?	?	?	?	?	?	?	?	?	?	?	94	84	80	84	61	61	64	63	64	66	30	?		
5	67	69	68	68	65	64	71	70	65	57	46	35	31	28	27	27	25	29	50	63	63	64	73	75	54			
6	81	77	75	78	79	76	83	78	79	76	59	47	39	38	34	35	37	40	44	47	50	53	56	58	59			
7	61	66	69	74	77	79	82	85	81	70	64	63	67	71	72	72	77	81	78	70	70	71	70	73	73			
8	78	77	76	76	86	88	93	96	95	88	86	80	73	67	64	63	61	69	79	81	86	86	89	93	80			
9	97	99	100	?	100	?	?	?	97	?	87	74	67	60	59	56	56	59	64	72	78	85	88	90	92	66	?	
10	95	96	98	97	97	99	99	98	95	80	52	34	30	26	27	35	38	45	54	58	64	68	70	74	68			
11	76	81	88	99	100	?	?	99	?	82	53	40	43	51	56	62	62	68	75	75	81	85	90	91	92	69	?	
12	94	94	95	95	95	95	95	96	96	94	98	94	89	92	94	90	86	83	86	88	91	95	87	88	92	92		
13	83	83	77	69	70	65	67	66	58	57	42	40	38	36	37	40	42	46	47	50	51	49	42	43	54	54		
14	47	45	49	53	54	55	56	54	52	51	50	47	43	39	35	32	33	35	39	41	45	46	47	52	46	46		
15	55	58	57	57	58	60	63	64	55	48	39	32	28	24	25	24	25	34	40	50	68	67	73	74	49	49		
16	68	62	61	57	56	57	60	58	53	47	37	31	28	25	24	26	30	33	40	47	55	60	64	69	48	48		
17	76	79	83	85	86	87	88	88	82	70	62	56	52	51	52	52	54	58	64	70	76	79	83	86	72	72		
18	86	87	87	87	91	97	99	100	?	?	100	?	98	?	100	?	100	?	?	100	?	99	99	95	92	84	?	
19	92	95	96	95	94	95	93	93	89	81	76	73	70	69	66	72	78	79	81	82	91	94	97	97	85	85		
20	99	99	97	97	94	92	91	91	84	71	69	68	61	58	52	47	44	48	66	74	76	77	77	77	75	75		
21	71	64	61	60	63	67	65	61	55	53	49	42	41	40	41	41	41	43	51	52	52	49	50	53	53	53		
22	53	57	57	56	56	52	51	53	49	46	44	45	44	40	34	30	30	31	35	39	38	35	39	44	44	44		
23	48	52	58	61	63	62	63	57	54	57	57	57	60	64	69	75	76	81	82	78	77	80	81	83	66	66		
24	85	86	85	86	88	89	88	84	75	72	71	75	80	83	86	86	86	87	86	88	90	91	91	93	85	85		
25	95	96	95	95	95	96	96	95	93	90	87	76	64	58	56	62	71	89	97	99	99	100	100	99	88	88		
26	97	95	95	96	94	95	98	99	90	75	65	59	54	51	47	44	43	47	54	56	58	63	66	65	71	71		
27	66	70	77	76	78	82	86	79	64	54	50	44	42	41	38	39	40	56	64	55	60	65	69	73	61	61		
28	77	83	89	93	96	95	89	83	77	72	74	78	87	89	85	82	84	99	?	?	?	99	?	100	?	88	80	?
Avg	78	80	80	80	81	81	82	81	77	70	64	58	58	57	58	58	59	63	67	70	74	75	77	77	67	67		
S/D	16	16	15	15	15	16	15	16	17	17	18	18	21	22	24	23	23	22	20	19	18	18	16	16	15	15		
S/A	0.2	0.2	0.19	0.19	0.19	0.2	0.18	0.2	0.22	0.24	0.29	0.31	0.36	0.39	0.41	0.4	0.39	0.35	0.29	0.27	0.25	0.23	0.21	0.23	0.23	0.23		
Min	47	45	49	53	54	52	51	53	49	46	37	31	28	24	24	24	25	29	35	39	38	35	39	43	30	30		
Max	99	99	100	100	100	99	99	100	100	100	100	94	98	100	100	100	100	99	100	100	100	100	100	100	92	92		

Data Recovery: 0% missing; 7% failed QC -- 8064 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 - February 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	2	2	3	3	3	3	4	4	5	7	8	11	12	13	13	12	11	10	10	10	10	10	10	11	8
2	12	12	13	13	13	13	13	13	14	14	15	15	17	19	20	19	19	18	17	16	16	16	15	13	15
3	12	10	9	8	8	8	7	7	8	9	12	16	17	18	17	17	15	12	10	8	8	8	7	8	11
4	8	8	8	8	8	8	8	8	8	9	10	11	11	12	14	15	14	12	12	11	10	9	8	7	10
5	6	5	5	4	3	3	2	2	5	9	11	13	14	14	15	14	14	12	8	5	4	3	2	1	7
6	1	0	1	2	1	2	3	4	5	7	9	12	15	16	18	18	18	16	15	13	12	12	11	11	9
7	10	9	8	7	7	6	6	7	9	11	13	13	13	14	15	16	17	17	16	16	16	16	16	15	12
8	14	13	14	15	13	11	9	8	8	9	10	9	9	11	11	10	10	9	6	5	4	3	2	1	9
9	0	-0	-1	-1	-1	-1	-1	0	4	8	11	13	14	15	16	16	15	14	13	12	12	13	13	13	8
10	13	13	12	12	11	10	9	9	9	11	15	19	20	21	21	19	17	14	10	8	7	6	4	4	12
11	3	1	1	1	1	1	1	3	7	11	14	16	17	18	18	18	18	16	14	13	13	12	12	12	10
12	12	12	13	13	13	13	14	15	16	17	17	18	20	20	19	20	20	20	20	19	18	12	9	8	16
13	7	6	5	3	3	2	0	1	4	4	8	10	11	12	11	10	8	6	4	4	3	3	1	-1	5
14	-2	-3	-3	-4	-4	-4	-5	-4	-1	1	3	4	5	6	7	7	7	5	2	0	-1	-1	-2	-2	1
15	-3	-3	-4	-4	-4	-5	-5	-4	1	6	9	11	12	13	13	14	13	11	8	6	6	5	4	4	4
16	4	4	4	4	4	4	3	4	7	10	14	17	18	19	19	19	18	16	13	11	10	9	8	8	10
17	8	8	8	8	8	8	8	9	11	14	17	19	21	22	22	21	21	19	16	15	14	14	13	13	14
18	12	12	12	13	14	14	14	14	15	15	15	13	10	9	8	8	8	8	7	7	7	7	7	7	11
19	7	7	7	7	6	6	5	5	6	7	9	10	12	12	12	10	8	7	6	6	5	4	3	3	7
20	3	3	3	3	3	3	3	3	5	6	7	7	9	10	11	11	11	9	6	4	2	2	1	1	5
21	2	2	2	1	0	-1	-2	-1	-0	1	2	5	7	7	7	6	6	4	2	0	-0	-1	-1	-2	2
22	-2	-3	-3	-3	-3	-3	-3	-3	-1	0	2	3	3	3	3	3	3	2	-1	-2	-4	-4	-5	-6	-1
23	-6	-7	-7	-8	-8	-8	-8	-6	-2	1	2	2	3	2	2	2	2	2	0	0	1	0	-0	0	-2
24	0	-0	-1	-1	-1	-0	0	1	2	3	4	5	6	6	5	4	3	3	2	1	1	2	2	2	2
25	2	2	2	2	2	1	1	1	1	2	4	7	9	9	9	8	7	5	3	3	3	3	2	2	4
26	2	2	2	1	1	0	-1	-1	2	5	7	9	10	11	11	11	11	10	7	5	4	2	1	1	5
27	1	1	1	-0	-1	-2	-3	-1	5	9	12	14	15	15	15	15	16	14	11	11	11	11	11	11	8
28	11	12	12	12	13	13	13	14	15	16	18	18	17	16	17	17	18	13	11	10	10	9	9	9	13
Avg	5	5	5	4	4	4	3	4	6	8	10	12	12	13	13	13	12	11	9	8	7	6	6	6	8
SD	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5
S/A	1.12	1.2	1.27	1.39	1.5	1.6	1.71	1.42	0.82	0.59	0.48	0.42	0.39	0.39	0.4	0.41	0.43	0.48	0.6	0.71	0.77	0.83	0.91	1	0.6
Min	-6	-7	-7	-8	-8	-8	-8	-6	-2	0	2	2	3	2	2	2	2	2	-1	-2	-4	-4	-5	-6	-2
Max	14	13	14	15	14	14	14	15	16	17	18	19	21	22	22	21	21	20	20	19	18	16	16	15	16

Data Recovery: 0% missing; 0% failed QC -- 8064 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 - February 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	3	2	3	2	2	3	4	3	4	4	4	4	4	4	4	3	3	2	2	2	2	3	4	4	3
2	4	5	4	3	3	3	3	5	4	4	4	3	3	3	2	2	3	2	1	2	3	2	2	2	3
3	3	3	3	2	1	3	3	1	2	2	1	3	2	3	3	3	3	3	3	4	4	3	2	2	3
4	2	2	2	2	2	2	1	1	0	1	1	0	0	2	4	4	3	2	6	4	3	3	2	2	2
5	2	2	2	1	1	1	0	0	1	2	4	4	5	4	3	3	2	1	0	0	0	0	0	0	2
6	0	1	1	0	1	1	1	2	2	3	3	4	5	4	5	5	4	2	1	1	1	1	2	2	2
7	1	1	1	1	1	1	1	1	3	4	4	5	4	5	4	4	3	4	4	5	5	5	5	2	3
8	1	3	4	3	3	3	1	2	1	2	3	3	4	5	4	4	4	3	2	2	1	1	0	0	3
9	0	0	0	0	0	0	0	0	1	2	2	3	4	3	3	3	2	2	2	2	2	3	3	4	2
10	3	2	2	2	1	0	0	1	0	1	2	3	3	3	3	3	3	2	2	1	1	0	0	1	2
11	0	0	0	0	0	0	0	0	1	3	4	4	4	3	3	3	2	2	2	3	2	2	2	2	2
12	2	3	3	3	3	3	3	3	3	4	4	5	6	4	5	5	6	6	7	7	7	6	4	3	4
13	3	3	3	2	1	1	1	1	3	3	4	3	3	4	4	3	3	3	2	2	4	5	5	4	3
14	3	3	2	2	2	2	3	3	3	4	4	5	4	4	4	4	4	2	1	1	1	1	1	1	3
15	1	1	1	1	0	0	0	0	1	2	3	3	3	3	3	2	2	2	1	2	2	2	1	2	1
16	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	2	1	2	2	2	2	3	2	2
17	2	2	2	2	2	2	2	3	2	3	4	4	5	5	5	3	2	1	1	3	3	3	3	2	3
18	2	2	2	3	3	2	2	2	4	4	4	2	6	5	3	3	3	3	4	4	3	3	2	1	3
19	1	1	1	2	2	2	2	2	2	4	4	4	5	5	5	5	5	5	4	2	5	5	4	4	3
20	4	3	3	3	2	2	2	2	2	4	4	4	3	3	2	2	2	1	1	1	2	1	1	1	2
21	1	2	3	3	2	2	2	2	3	4	4	3	3	4	5	4	5	4	2	2	3	3	3	2	3
22	3	2	3	3	3	4	5	5	6	6	5	5	5	4	5	4	4	4	3	2	2	2	1	1	4
23	1	1	0	1	1	1	1	1	2	2	2	2	3	3	3	4	3	3	1	1	1	1	2	1	2
24	2	2	3	3	3	4	4	4	4	4	5	5	5	5	5	4	4	3	3	4	3	2	2	4	4
25	3	3	2	1	1	0	2	2	2	2	1	2	3	3	3	3	3	2	2	1	0	0	1	1	2
26	3	3	3	3	3	2	2	2	3	4	4	4	3	4	4	3	3	1	1	1	0	0	1	1	2
27	1	1	1	0	0	0	0	0	1	2	2	2	2	2	3	3	3	1	2	3	2	2	3	2	2
28	2	2	3	2	3	3	2	3	4	5	4	4	4	4	3	4	5	4	1	3	3	2	3	4	3
Avg	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	3	3	3	2	2	2	2	2	2	3
SD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
S/A	0.53	0.49	0.52	0.53	0.58	0.62	0.68	0.69	0.58	0.42	0.36	0.32	0.3	0.24	0.23	0.23	0.32	0.48	0.64	0.57	0.61	0.64	0.58	0.57	0.28
Min	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2	2	2	1	0	0	0	0	0	0	1
Max	4	5	4	3	3	4	5	5	6	6	5	5	6	5	5	5	6	6	7	7	7	6	5	4	4

Data Recovery: 0% missing; 0% failed QC -- 8064 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 - February 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	294	317	328	309	299	338	342	353	4	14	14	25	14	31	44	21	20	31	49	55	44	63	67	64	15
2	79	64	67	74	72	71	78	93	85	88	93	111	148	143	129	122	149	153	127	123	134	149	209	206	104
3	212	188	208	191	202	215	216	209	211	215	244	306	336	5	10	6	11	17	28	55	67	66	81	90	35
4	102	115	98	87	83	82	97	116	115	91	86	148	167	173	204	229	256	233	242	246	222	237	236	220	204
5	229	228	217	233	239	249	236	230	250	269	267	261	275	275	283	267	282	300	327	294	321	320	49	108	263
6	160	200	176	137	63	103	110	129	125	120	136	141	167	178	173	176	179	183	192	197	181	202	199	217	163
7	213	246	320	285	315	351	9	36	67	58	61	58	63	67	69	85	104	101	119	132	146	139	147	185	94
8	135	157	169	212	238	231	254	254	261	270	270	264	265	251	240	279	291	311	314	328	337	341	358	32	257
9	334	190	210	228	31	27	23	67	188	134	143	120	113	149	133	123	131	116	120	119	141	145	157	159	135
10	179	197	196	219	222	233	244	238	241	263	296	304	316	307	357	24	17	9	11	31	54	53	66	158	319
11	170	0	19	166	179	46	63	0	52	55	54	60	62	50	51	45	34	67	95	89	114	103	99	114	69
12	108	107	104	102	107	116	123	119	133	118	123	132	127	134	141	133	121	120	130	126	198	224	234	239	137
13	223	231	212	225	229	206	215	208	216	206	218	204	202	214	211	216	241	236	266	253	280	286	265	259	233
14	245	251	237	237	250	252	252	245	251	254	265	263	257	253	257	246	231	253	227	224	203	210	214	218	248
15	226	217	224	223	234	252	210	219	198	161	184	213	199	203	193	189	167	103	102	88	99	130	125	132	175
16	142	160	165	178	174	162	152	161	172	167	173	160	157	157	149	118	118	124	114	112	124	125	133	133	147
17	132	130	147	145	142	137	139	144	150	145	167	168	173	189	191	160	159	133	98	105	110	103	105	112	148
18	107	89	96	107	118	121	124	109	109	114	116	146	287	300	302	279	283	270	282	287	306	287	274	281	261
19	292	296	306	303	310	308	298	310	324	348	332	334	306	327	322	343	324	327	323	280	304	295	283	274	314
20	268	269	268	273	252	268	242	253	267	291	291	286	290	291	265	269	264	273	309	333	327	327	297	284	280
21	266	284	277	278	266	287	261	271	278	266	279	271	273	266	278	292	286	261	307	292	277	270	279	262	276
22	261	233	234	242	267	268	271	272	261	287	255	267	282	276	277	284	274	269	276	278	251	270	284	231	268
23	264	272	243	225	246	244	254	265	289	277	294	310	305	337	344	343	340	334	280	288	318	305	270	255	303
24	255	280	292	290	292	293	302	291	308	291	282	282	287	278	288	280	262	282	269	276	277	275	265	268	283
25	283	296	280	243	231	226	238	247	238	234	195	161	178	175	177	188	217	182	178	184	181	222	237	233	214
26	239	242	252	253	255	233	239	250	258	240	259	290	269	243	235	245	236	219	193	195	197	186	179	175	245
27	186	187	293	279	323	0	250	0	26	46	82	95	117	128	114	104	115	58	66	103	92	107	122	102	102
28	108	118	134	124	124	123	120	101	108	128	136	119	134	136	110	102	159	211	213	204	204	205	196	217	143
Avg	213	215	215	219	227	233	235	233	232	232	228	235	237	231	222	237	239	258	255	149	201	220	203	202	224

Data Recovery: 0% missing; 0% failed QC -- 8064 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 - February 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	5	4	5	4	3	4	5	5	6	5	5	6	6	7	5	4	4	3	3	4	3	5	5	6	5
2	5	7	6	5	5	5	5	7	6	6	6	6	5	6	4	4	5	3	2	3	5	3	3	4	5
3	4	6	4	3	2	5	5	2	3	4	3	4	4	5	4	4	5	5	5	5	5	4	4	3	4
4	4	3	3	3	3	3	2	2	1	2	2	1	1	4	6	7	6	4	11	8	7	5	4	5	4
5	4	4	4	3	3	2	1	1	3	5	7	7	8	6	5	4	3	2	1	1	1	0	0	0	3
6	1	1	1	1	1	2	2	3	4	4	5	5	8	6	8	7	6	3	2	2	2	2	2	2	3
7	2	2	2	1	2	2	1	2	4	6	6	8	6	7	6	6	5	6	6	7	7	7	7	3	5
8	2	4	6	5	5	5	3	4	3	5	6	6	7	8	8	7	6	5	4	3	2	2	1	0	4
9	0	0	0	0	0	0	1	1	2	4	4	4	6	5	5	4	3	3	3	3	4	4	5	5	3
10	4	3	2	3	2	1	1	2	1	3	4	5	4	4	5	4	3	3	2	2	1	1	1	1	3
11	0	0	0	1	0	0	0	0	1	5	5	5	5	5	4	4	3	2	3	4	3	3	3	3	3
12	3	4	4	4	5	4	4	5	5	7	6	8	9	7	8	8	9	9	10	10	11	10	8	6	7
13	6	6	6	4	3	3	3	3	5	5	6	6	5	7	7	6	6	6	4	4	7	9	8	7	5
14	5	6	5	5	5	5	5	6	6	8	8	8	7	7	7	7	7	3	1	2	2	2	2	2	5
15	2	2	1	1	1	1	0	1	0	1	3	5	6	6	5	4	3	3	2	2	3	3	2	3	2
16	3	3	2	3	3	2	2	3	3	3	4	4	6	6	7	6	4	3	3	3	3	4	4	4	4
17	3	3	3	4	4	3	3	4	3	5	7	7	8	8	7	4	4	2	2	4	4	4	4	3	4
18	3	3	3	4	4	4	4	4	6	7	7	4	9	8	5	5	5	6	6	6	5	4	4	2	5
19	3	3	3	4	3	3	4	4	4	6	6	6	7	7	8	7	8	9	7	4	7	8	7	6	6
20	8	5	6	5	4	4	4	4	4	7	7	7	6	5	4	4	4	3	3	2	3	3	2	2	4
21	2	4	5	4	3	4	3	4	5	6	6	6	6	7	7	7	7	4	3	5	5	5	5	4	5
22	5	5	5	6	6	8	8	8	9	9	8	8	8	8	9	8	7	6	4	4	3	3	2	1	6
23	1	2	1	2	2	2	2	2	4	3	3	3	4	4	5	5	4	2	2	3	2	3	2	3	3
24	3	3	4	4	5	6	6	6	7	7	8	7	7	8	8	7	7	7	5	5	7	6	5	4	6
25	5	4	4	2	2	1	3	4	3	3	3	3	5	5	5	5	5	4	3	2	0	1	3	3	3
26	5	6	5	6	6	4	4	4	6	7	7	7	6	7	7	6	6	4	2	1	1	0	1	2	5
27	2	1	2	1	0	0	0	0	1	3	3	3	4	4	4	5	4	2	2	5	4	4	5	4	3
28	3	4	5	4	5	4	4	4	6	7	6	6	6	6	6	6	8	7	2	4	5	4	4	7	5
Avg	3	3	3	3	3	3	3	3	4	5	5	6	6	6	6	6	5	4	4	4	4	4	4	3	4
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	1
S/A	0.54	0.49	0.48	0.49	0.55	0.6	0.62	0.6	0.53	0.37	0.32	0.3	0.28	0.21	0.23	0.22	0.3	0.46	0.63	0.54	0.59	0.62	0.56	0.54	0.28
Min	0	0	0	0	0	0	0	0	0	1	2	1	1	4	4	4	3	2	1	1	0	0	0	0	2
Max	8	7	6	6	6	8	8	8	9	9	8	8	9	8	9	8	9	9	11	10	11	10	8	7	7

Data Recovery: 0% missing; 0% failed QC -- 8064 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 - February 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	1033	1033	1033	1033	1033	1032	1032	1032	1031	1031	1031	1030	1028	1027	1026	1026	1025	1024	1024	1024	1023	1023	1022	1020	1028
2	1020	1019	1018	1017	1016	1015	1015	1015	1014	1014	1013	1012	1011	1009	1008	1007	1007	1007	1008	1008	1008	1008	1008	1009	1012
3	1009	1009	1009	1009	1010	1011	1012	1013	1014	1015	1015	1016	1015	1015	1015	1015	1015	1016	1017	1017	1017	1017	1017	1017	1014
4	1016	1016	1015	1014	1014	1013	1013	1012	1012	1011	1010	1009	1008	1007	1006	1006	1007	1008	1010	1012	1014	1015	1016	1017	1012
5	1017	1018	1019	1019	1020	1020	1021	1022	1022	1023	1023	1022	1022	1021	1021	1021	1022	1022	1022	1022	1022	1022	1022	1021	1021
6	1021	1021	1020	1019	1019	1018	1018	1018	1017	1017	1016	1014	1013	1011	1010	1010	1011	1011	1012	1012	1012	1012	1013	1012	1015
7	1012	1013	1013	1013	1013	1013	1013	1014	1014	1014	1014	1012	1010	1009	1007	1006	1005	1003	1003	1002	1001	1001	1002	1002	1009
8	1002	1002	1002	1003	1004	1006	1007	1009	1010	1011	1012	1013	1013	1014	1014	1015	1016	1017	1018	1019	1019	1020	1020	1020	1012
9	1020	1020	1020	1020	1020	1020	1020	1020	1021	1021	1021	1021	1019	1018	1017	1017	1016	1016	1016	1016	1016	1016	1015	1015	1018
10	1015	1015	1015	1015	1016	1016	1018	1019	1020	1020	1020	1021	1020	1020	1020	1020	1021	1021	1022	1022	1023	1023	1024	1024	1020
11	1024	1024	1024	1023	1024	1024	1024	1025	1026	1026	1026	1026	1025	1024	1023	1023	1022	1022	1022	1021	1022	1022	1022	1022	1023
12	1021	1020	1019	1019	1018	1018	1018	1018	1017	1017	1016	1015	1013	1012	1011	1010	1009	1008	1008	1007	1008	1012	1013	1014	1014
13	1014	1015	1016	1016	1016	1017	1017	1018	1018	1018	1018	1017	1017	1016	1016	1016	1017	1018	1019	1020	1021	1022	1022	1023	1018
14	1023	1023	1023	1023	1023	1023	1023	1024	1025	1025	1025	1025	1024	1024	1024	1023	1024	1024	1024	1025	1025	1025	1025	1025	1024
15	1025	1025	1025	1025	1025	1026	1026	1027	1027	1027	1027	1026	1025	1023	1023	1022	1022	1022	1022	1022	1022	1022	1022	1022	1024
16	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1020	1020	1019	1018	1017	1016	1016	1016	1016	1016	1016	1016	1016	1016	1019
17	1015	1015	1014	1014	1014	1014	1014	1014	1014	1014	1014	1013	1012	1011	1011	1011	1011	1011	1011	1011	1011	1010	1010	1010	1012
18	1009	1008	1007	1007	1006	1006	1006	1006	1006	1006	1005	1005	1005	1005	1005	1006	1007	1008	1008	1008	1008	1009	1009	1009	1007
19	1009	1009	1009	1009	1009	1010	1010	1010	1011	1011	1011	1010	1009	1007	1006	1006	1006	1006	1006	1006	1008	1007	1007	1007	1008
20	1007	1007	1007	1008	1008	1008	1009	1010	1010	1011	1011	1011	1011	1011	1011	1011	1011	1012	1012	1013	1013	1013	1013	1013	1010
21	1013	1013	1013	1014	1014	1014	1015	1015	1015	1015	1015	1014	1013	1012	1012	1012	1012	1013	1014	1014	1015	1015	1015	1015	1014
22	1015	1015	1015	1015	1016	1016	1017	1018	1019	1019	1020	1020	1020	1020	1020	1021	1021	1022	1023	1023	1024	1025	1025	1026	1020
23	1026	1025	1025	1026	1026	1027	1027	1027	1028	1028	1028	1028	1027	1026	1026	1026	1026	1026	1026	1026	1025	1025	1024	1024	1026
24	1024	1023	1023	1022	1022	1022	1022	1022	1022	1023	1023	1022	1022	1021	1020	1021	1022	1022	1022	1022	1022	1022	1022	1022	1022
25	1021	1021	1021	1021	1021	1021	1021	1021	1022	1022	1022	1021	1019	1018	1016	1015	1015	1014	1014	1014	1014	1013	1013	1013	1018
26	1014	1014	1014	1014	1015	1016	1017	1017	1018	1019	1019	1019	1018	1017	1017	1017	1017	1017	1017	1018	1018	1018	1018	1018	1017
27	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1017	1016	1015	1014	1013	1013	1013	1012	1012	1011	1011	1010	1009	1015
28	1008	1007	1006	1006	1005	1004	1003	1002	1001	1000	1000	999	997	996	994	992	992	994	994	994	995	996	996	996	999
Avg	1017	1017	1017	1017	1017	1017	1017	1017	1018	1018	1018	1017	1016	1015	1015	1014	1014	1015	1015	1015	1015	1016	1016	1016	1016
S D	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	7	7	7	7	7	7	7	6	
S/A	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Min	1002	1002	1002	1003	1004	1004	1003	1002	1001	1000	1000	999	997	996	994	992	992	994	994	994	995	996	996	996	999
Max	1033	1033	1033	1033	1033	1032	1032	1032	1031	1031	1031	1030	1028	1027	1026	1026	1026	1026	1026	1026	1025	1025	1025	1026	1028

Data Recovery: 0% missing; 0% failed QC -- 8064 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