

Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Univ. - February 2000

Field: GHI

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	0	0	0	0	0	0	0	52	178 ?	?	?	?	?	?	?	?	70 ?	4	0	0	0	0	0	0	305 ?
2	0	0	0	0	0	0	0	55	156 ?	?	?	?	?	?	461	306	116	5	0	0	0	0	0	0	1099 ?
3	0	0	0	0	0	0	0	46	214	413	366	413	408	488	478	332	117	3	0	0	0	0	0	0	3276
4	0	0	0	0	0	0	0	28	137	180	486	569	597	483	250	82	22	1	0	0	0	0	0	0	2836
5	0	0	0	0	0	0	0	58	224	402	518	620	632	580	466	306	122	7	0	0	0	0	0	0	3936
6	0	0	0	0	0	0	0	55	234	401	523	623	646	579	460	309	136	5	0	0	0	0	0	0	3970
7	0	0	0	0	0	0	0	73	218	282	486	621	634	583	461	309	114	8	0	0	0	0	0	0	3788
8	0	0	0	0	0	0	0	60	223	402	543	626	628	518	370	176	92	8	0	0	0	0	0	0	3644
9	0	0	0	0	0	0	0	26	89	195	213	269	267	245	291	79	25	2	0	0	0	0	0	0	1702
10	0	0	0	0	0	0	0	63	247	431	566	647	669	546	440	324	124	3	0	0	0	0	0	0	4058
11	0	0	0	0	0	0	0	66	140	283	327	340	426	291	335	295	125	10	0	0	0	0	0	0	2640
12	0	0	0	0	0	0	0	16	55	41	27	29	36	32	42	25	10	2	0	0	0	0	0	0	314
13	0	0	0	0	0	0	0	22	69	132	270	342	302	201	170	58	15	2	0	0	0	0	0	0	1584
14	0	0	0	0	0	0	0	8	46	142	78	49	226	272	115	164	96	9	0	0	0	0	0	0	1204
15	0	0	0	0	0	0	1	84	265	448	593	669	681	626	514	345	153	17	0	0	0	0	0	0	4395
16	0	0	0	0	0	0	2	68	124	407	553	623	654	601	482	328	146	15	0	0	0	0	0	0	4002
17	0	0	0	0	0	0	2	97	283	468	607	687	687	635	511	366	170	14	0	0	0	0	0	0	4527
18	0	0	0	0	0	0	0	4	9	32	47	77	38	77	150	114	37	8	0	0	0	0	0	0	593
19	0	0	0	0	0	0	1	37	108	124	262	462	252	135	66	75	145	17	0	0	0	0	0	0	1685
20	0	0	0	0	0	0	1	92	288	472	549	702	644	670	503	337	182	21	0	0	0	0	0	0	4460
21	0	0	0	0	0	0	2	98	286	471	615	697	688	655	527	373	175	24	0	0	0	0	0	0	4611
22	0	0	0	0	0	0	3	98	301	489	636	715	724	666	545	379	181	26	0	0	0	0	0	0	4763
23	0	0	0	0	0	0	3	113	273	452	595	681	674	562	533	371	178	28	0	0	0	0	0	0	4464
24	0	0	0	0	0	0	5	106	279	423	518	538	570	595	445	360	178	26	0	0	0	0	0	0	4043
25	0	0	0	0	0	0	5	107	181	404	491	679	690	638	524	363	171	25	0	0	0	0	0	0	4279
26	0	0	0	0	0	0	6	112	252	452	589	675	690	633	518	351	165	33	0	0	0	0	0	0	4477
27	0	0	0	0	0	0	5	119 ?	314 ?	490	634	542	363	402	391	327	141	27	0	0	0	0	0	0	3755
28	0	0	0	0	0	0	2	65	280	516	654	754	765	703	578	410	209	35	0	0	0	0	0	0	4972
29	0	0	0	0	0	0	11	146	355	544	684	761	772	714	592	414	232	42	0	0	0	0	0	0	5267
Avg	0	0	0	0	0	0	2	68	201	352	460	534	532	486	401	274	126	15	0	0	0	0	0	0	3264
S D	0	0	0	0	0	0	3	36	90	150	189	212	213	199	158	119	59	11	0	0	0	0	0	0	1491
S/A	0	0	0	0	0	0	1.47	0.53	0.45	0.43	0.41	0.4	0.4	0.41	0.39	0.43	0.47	0.78	0	0	0	0	0	0	0.46
Min	0	0	0	0	0	0	0	4	9	32	27	29	36	32	42	25	10	1	0	0	0	0	0	0	305
Max	0	0	0	0	0	0	11	146	355	544	684	761	772	714	592	414	232	42	0	0	0	0	0	0	5267

Daylight Data Recovery: 0% missing; 5% exceed the 15% QC threshold -- 3779 total daylight 5-minute measurements.

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

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

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

Instrument: PSP
Calibration Constant: 9.83 uV/Wm-2
Serial Number: 25823F3
Calibration Date: 5/20/1998

**Direct Normal Solar Radiation
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Univ. - February 2000**

Field: DNI

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	0	0	0	0	0	0	0	4	2 ?	? ?	? ?	? ?	? ?	? ?	? ?	? ?	3 ?	0	0	0	0	0	0	0	10 ?
2	0	0	0	0	0	0	0	5	1 ?	? ?	? ?	? ?	? ?	? ?	841	816	608	74	0	0	0	0	0	0	2345 ?
3	0	0	0	0	0	0	0	143	645	723	86	38	37	566	874	784	565	7	0	0	0	0	0	0	4468
4	0	0	0	0	0	0	0	7	56	15	664	752	712	392	162	9	0	0	0	0	0	0	0	0	2769
5	0	0	0	0	0	0	0	338	673	809	828	888	883	884	836	748	564	87	0	0	0	0	0	0	7538
6	0	0	0	0	0	0	0	57	504	663	717	798	881	847	801	645	449	10	0	0	0	0	0	0	6371
7	0	0	0	0	0	0	0	151	275	210	661	853	867	853	789	714	442	71	0	0	0	0	0	0	5887
8	0	0	0	0	0	0	0	199	517	666	741	806	778	554	257	54	73	1	0	0	0	0	0	0	4646
9	0	0	0	0	0	0	0	2	6	19	10	10	11	11	74	4	0	0	0	0	0	0	0	0	146
10	0	0	0	0	0	0	0	275	717	846	886	911	916	587	502	591	441	2	0	0	0	0	0	0	6675
11	0	0	0	0	0	0	1	48	38	103	59	29	138	102	244	478	357	57	0	0	0	0	0	0	1656
12	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
13	0	0	0	0	0	0	0	1	1	3	5	5	6	1	1	0	0	1	0	0	0	0	0	0	24
14	0	0	0	0	0	0	0	1	0	5	1	0	16	8	0	51	67	13	0	0	0	0	0	0	163
15	0	0	0	0	0	0	9	395	692	793	874	890	887	871	848	759	546	120	0	0	0	0	0	0	7687
16	0	0	0	0	0	0	9	127	11	552	665	724	777	741	665	568	371	11	0	0	0	0	0	0	5220
17	0	0	0	0	0	0	15	457	696	839	896	904	870	843	762	779	573	46	0	0	0	0	0	0	7680
18	0	0	0	0	0	0	0	1	1	1	1	0	1	2	1	0	0	0	0	0	0	0	0	0	10
19	0	0	0	0	0	0	0	17	17	4	14	69	13	3	0	4	195	32	0	0	0	0	0	0	368
20	0	0	0	0	0	0	7	333	673	750	592	675	610	855	703	549	402	113	0	0	0	0	0	0	6261
21	0	0	0	0	0	0	1	330	586	734	820	851	760	776	733	733	569	172	0	0	0	0	0	0	7065
22	0	0	0	0	0	0	14	323	711	822	848	893	903	890	844	759	605	189	0	0	0	0	0	0	7801
23	0	0	0	0	0	0	4	242	513	651	796	833	661	501	656	698	487	92	0	0	0	0	0	0	6132
24	0	0	0	0	0	0	15	281	448	453	416	310	306	514	351	548	454	124	0	0	0	0	0	0	4220
25	0	0	0	0	0	0	15	299	199	349	365	756	775	776	745	666	496	140	0	0	0	0	0	0	5581
26	0	0	0	0	0	0	16	295	318	647	707	745	760	734	680	569	359	86	0	0	0	0	0	0	5916
27	0	0	0	0	0	0	2	229 ?	658 ?	777	842	401	51	51	219	432	161	49	0	0	0	0	0	0	3871
28	0	0	0	0	0	0	0	25	330	748	849	938	943	920	873	808	679	288	0	0	0	0	0	0	7401
29	0	0	0	0	0	0	130	649	837	913	950	966	964	953	922	799	701	316	0	0	0	0	0	0	9099
Avg	0	0	0	0	0	0	8	180	349	485	529	557	538	527	514	484	351	72	0	0	0	0	0	0	4380
S D	0	0	0	0	0	0	24	169	297	337	354	376	380	356	336	312	236	83	0	0	0	0	0	0	2921
S/A	0	0	0	0	0	0	2.9	0.94	0.85	0.69	0.67	0.67	0.71	0.67	0.65	0.64	0.67	1.15	0	0	0	0	0	0	0.67
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	2
Max	0	0	0	0	0	0	130	649	837	913	950	966	964	953	922	816	701	316	0	0	0	0	0	0	9099

Daylight Data Recovery: 0% missing; 5% exceed the 15% QC threshold -- 3779 total daylight 5-minute measurements.

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

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

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

Instrument:	NIP
Calibration Constant:	7.53 uV/Wm-2
Serial Number:	25519E6
Calibration Date:	5/20/1998

Diffuse Solar Radiation on a Horizontal Surface (Shadow Band PSP)
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Univ. - February 2000

Field: DHI

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Dayly
1	0	0	0	0	0	0	0	23	48 ?	? ?	? ?	? ?	? ?	? ?	? ?	? ?	31 ?	4	0	0	0	0	0	0	105 ?
2	0	0	0	0	0	0	0	21	39 ?	? ?	? ?	? ?	? ?	? ?	45	37	22	2	0	0	0	0	0	0	168 ?
3	0	0	0	0	0	0	0	31	47	110	297	361	355	141	64	72	26	3	0	0	0	0	0	0	1506
4	0	0	0	0	0	0	0	29	118	164	111	105	143	242	158	75	21	1	0	0	0	0	0	0	1167
5	0	0	0	0	0	0	0	24	50	61	70	75	79	67	63	50	29	3	0	0	0	0	0	0	570
6	0	0	0	0	0	0	0	44	90	102	111	115	86	77	62	79	52	4	0	0	0	0	0	0	821
7	0	0	0	0	0	0	0	59	150	172	103	88	82	78	69	56	33	4	0	0	0	0	0	0	894
8	0	0	0	0	0	0	0	37	79	106	122	115	121	164	222	149	75	7	0	0	0	0	0	0	1198
9	0	0	0	0	0	0	0	24	84	185	201	253	245	228	237	75	24	2	0	0	0	0	0	0	1558
10	0	0	0	0	0	0	0	23	46	53	62	66	73	174	167	105	35	3	0	0	0	0	0	0	805
11	0	0	0	0	0	0	0	58	127	231	279	314	310	218	198	118	56	7	0	0	0	0	0	0	1917
12	0	0	0	0	0	0	0	14	52	38	26	27	34	30	39	24	9	2	0	0	0	0	0	0	297
13	0	0	0	0	0	0	0	21	65	125	256	319	281	189	161	55	14	2	0	0	0	0	0	0	1487
14	0	0	0	0	0	0	0	8	44	132	73	47	208	253	109	137	69	8	0	0	0	0	0	0	1088
15	0	0	0	0	0	0	1	29	58	74	78	81	84	78	66	52	40	9	0	0	0	0	0	0	648
16	0	0	0	0	0	0	1	55	116	131	147	130	121	125	120	98	64	13	0	0	0	0	0	0	1122
17	0	0	0	0	0	0	1	33	63	63	66	74	82	85	93	57	47	11	0	0	0	0	0	0	674
18	0	0	0	0	0	0	0	4	8	30	44	72	35	72	140	106	35	7	0	0	0	0	0	0	552
19	0	0	0	0	0	0	1	34	97	114	239	378	233	125	61	69	90	12	0	0	0	0	0	0	1454
20	0	0	0	0	0	0	1	36	68	98	163	220	190	107	102	109	90	13	0	0	0	0	0	0	1198
21	0	0	0	0	0	0	2	45	90	102	102	105	140	138	114	71	47	11	0	0	0	0	0	0	968
22	0	0	0	0	0	0	2	39	61	72	99	88	80	74	70	62	42	11	0	0	0	0	0	0	700
23	0	0	0	0	0	0	3	67	101	113	82	87	178	203	153	74	59	19	0	0	0	0	0	0	1140
24	0	0	0	0	0	0	3	55	120	173	227	286	320	228	223	118	67	15	0	0	0	0	0	0	1836
25	0	0	0	0	0	0	4	53	101	205	221	128	118	103	89	73	50	13	0	0	0	0	0	0	1158
26	0	0	0	0	0	0	5	59	125	108	121	127	123	121	117	99	74	24	0	0	0	0	0	0	1101
27	0	0	0	0	0	0	5	42 ?	77 ?	72	73	238	309	347	255	119	101	20	0	0	0	0	0	0	1658
28	0	0	0	0	0	0	2	53	149	105	86	65	63	64	62	53	36	11	0	0	0	0	0	0	750
29	0	0	0	0	0	0	5	30	42	47	50	49	49	48	43	54	51	13	0	0	0	0	0	0	480
Avg	0	0	0	0	0	0	1	36	80	111	130	149	153	140	118	80	48	9	0	0	0	0	0	0	1001
S D	0	0	0	0	0	0	2	16	35	51	76	103	95	76	63	30	23	6	0	0	0	0	0	0	465
S/A	0	0	0	0	0	0	1.34	0.44	0.44	0.46	0.58	0.69	0.62	0.54	0.53	0.38	0.48	0.68	0	0	0	0	0	0	0.46
Min	0	0	0	0	0	0	0	4	8	30	26	27	34	30	39	24	9	1	0	0	0	0	0	0	105
Max	0	0	0	0	0	0	5	67	150	231	297	378	355	347	255	149	101	24	0	0	0	0	0	0	1917

Daylight Data Recovery: 0% missing; 5% exceed the 15% QC threshold -- 3779 total daylight 5-minute measurements.

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

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

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

Instrument:	PSP
Calibration Constant:	9.07 uV/Wm-2
Serial Number:	25819F3
Calibration Date:	5/20/1998

Dry Bulb Temperature (Roof)
Hourly and Daily Averages
Degrees Celsius
Elizabeth City State Univ. - February 2000

Field: Temp

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily	
1	-1	-1	-1	-2	-2	-2	-2	-2	-1	0	2	3	4	5	6	6	5	4	4	3	3	2	1	0	1	
2	0	-0	-1	-1	-1	-2	-2	-2	-1	1	3	4	5	5	5	6	5	4	3	2	1	0	-0	-1	1	
3	-1	-1	-1	-1	-2	-1	-1	-0	2	4	5	6	7	9	10	11	11	9	8	8	7	6	6	5	4	
4	4	5	5	4	4	4	4	4	4	5	6	8	10	11	11	12	11	10	9	8	7	6	4	4	2	7
5	2	2	1	0	-0	-1	-1	-1	1	3	5	6	7	7	8	8	8	6	5	5	4	3	3	2	3	
6	2	2	2	1	1	0	-0	0	3	4	5	6	7	8	9	8	5	3	2	2	2	2	2	2	3	
7	2	2	2	3	3	4	4	4	6	7	8	10	11	12	13	14	13	12	11	9	8	6	5	5	7	
8	3	4	3	4	4	4	4	4	5	6	6	6	7	6	6	5	4	3	3	2	2	2	1	1	4	
9	2	1	1	1	2	2	2	3	4	5	8	10	12	13	15	14	13	12	11	10	10	9	8	8	7	10
10	8	7	7	7	6	6	6	6	8	11	14	15	15	16	15	15	15	12	10	9	8	7	7	6	10	
11	6	6	7	8	8	8	8	8	10	12	13	15	16	17	18	19	19	18	16	15	14	14	13	10	12	
12	8	7	6	6	5	5	4	4	4	4	3	2	2	2	2	1	1	0	-0	-0	-0	0	0	0	3	
13	0	0	0	0	0	0	1	1	2	3	4	5	7	8	9	8	8	7	7	7	7	8	9	13	5	
14	14	16	16	16	17	17	17	14	14	14	14	13	14	16	17	17	17	16	15	15	16	15	14	13	15	
15	12	11	9	8	8	6	6	5	6	7	7	8	10	10	11	12	10	7	6	5	4	4	4	4	7	
16	4	4	4	4	4	4	4	5	7	9	12	14	15	17	18	19	18	17	17	15	14	13	13	12	11	
17	10	9	8	7	6	5	5	4	5	5	6	6	7	7	6	5	5	3	3	3	3	3	3	3	5	
18	2	4	5	5	5	6	7	7	8	8	9	9	7	7	8	9	9	10	10	11	10	10	10	8	8	
19	11	13	13	14	15	16	16	16	17	17	18	20	20	20	19	18	19	18	14	10	9	8	8	7	15	
20	7	6	6	5	4	3	3	3	5	6	7	8	8	10	10	10	9	6	5	4	4	4	3	3	6	
21	3	3	2	2	1	1	2	3	4	6	7	7	8	8	8	7	6	5	4	4	4	3	3	3	4	
22	2	1	0	1	1	1	1	2	4	6	9	10	10	11	11	10	9	8	7	6	5	5	4	4	5	
23	4	4	4	4	4	4	4	5	9	13	15	17	18	18	19	18	17	16	15	14	13	12	12	11	11	
24	10	10	10	10	9	9	9	9	13	16	17	18	19	19	20	20	19	18	16	15	14	14	13	13	14	
25	12	12	11	11	11	11	11	12	14	16	18	20	21	22	23	23	23	22	20	18	17	16	15	15	17	
26	14	14	13	13	12	12	12	15	17	18	16	17	18	17	17	17	14	11	9	8	8	8	8	8	13	
27	8	8	8	8	7	8	9	10	13	17	19	21	19	20	20	21	20	19	18	18	17	17	16	16	15	
28	16	15	15	14	14	12	10	10	11	12	13	14	15	16	16	16	16	15	14	11	9	9	8	7	13	
29	7	7	6	6	6	6	6	7	9	10	12	14	15	16	17	17	17	16	14	13	11	10	9	8	11	
Avg	6	6	6	5	5	5	5	5	7	8	10	11	11	12	13	13	12	11	9	9	8	7	7	7	8	
S D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	5	5	5	5	5	5	5	
S/A	0.81	0.84	0.87	0.89	0.94	0.95	0.95	0.87	0.69	0.59	0.53	0.49	0.46	0.45	0.43	0.45	0.48	0.55	0.58	0.6	0.62	0.66	0.67	0.71	0.55	
Min	-1	-1	-1	-2	-2	-2	-2	-2	-1	0	2	2	2	2	2	1	1	0	-0	-0	-0	0	-0	-1	1	
Max	16	16	16	16	17	17	17	16	17	17	19	21	21	22	23	23	23	22	20	18	17	17	16	16	17	

Data Recovery: 0% missing; 0% failed QC -- 8352 total 5-minute measurements.

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

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

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

Instrument:	HMP
Calibration Constant:	1.00 deg C/mV
Serial Number:	P0520031 T
Calibration Date:	6/1/1995

**Relative Humidity
Hourly and Daily Averages
Percent
Elizabeth City State Univ. - February 2000**

Field: RH

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily					
1	91	90	92	93	95	95	90	88	83	73	65	58	54	51	47	46	49	56	60	63	63	63	65	65	71					
2	65	66	70	70	71	75	78	76	69	58	48	40	37	36	33	31	31	37	41	46	52	54	55	59	54					
3	61	62	64	68	78	74	73	73	68	58	51	47	41	40	37	35	37	44	58	67	70	73	72	77	59					
4	76	72	70	68	70	71	71	70	67	63	56	51	50	44	41	44	48	53	64	65	71	85	88	93	65					
5	90	90	94	94	92	87	84	81	75	67	54	48	44	42	41	40	41	46	51	53	56	61	63	64	65					
6	64	65	63	63	62	64	66	64	53	47	44	42	39	36	33	41	55	65	70	74	76	79	80	79	59					
7	80	83	88	88	87	83	79	78	67	62	56	47	38	35	33	33	36	40	44	44	49	61	66	66	60					
8	72	71	78	73	77	79	83	82	79	73	68	63	63	62	65	72	78	83	86	88	90	92	94	95	78					
9	95	96	97	97	97	96	95	95	91	87	81	78	75	71	67	72	75	80	84	86	88	90	89	90	86					
10	91	92	93	90	94	94	91	83	72	62	51	42	39	38	40	41	41	54	60	62	70	80	88	93	69					
11	98	99	93	88	84	81	79	78	72	66	60	56	53	49	49	48	48	53	59	62	67	67	70	74	69					
12	73	67	69	74	78	80	81	81	83	86	96	99	?	?	?	100	?	?	100	99	99	99	98	98	73	?				
13	98	99	100	?	?	?	100	?	99	97	94	91	90	89	86	87	88	96	98	100	?	?	100	?	?	71	?			
14	?	99	99	97	96	96	97	95	97	93	91	98	?	98	93	91	91	90	94	98	96	84	80	75	73	88				
15	74	74	80	76	71	72	71	71	65	60	55	52	49	46	45	44	58	71	74	78	83	87	91	93	68					
16	93	94	94	95	92	95	97	98	92	83	69	59	55	54	53	50	53	56	59	67	76	80	83	76	76					
17	61	60	64	67	68	64	64	56	50	47	45	44	43	41	46	44	53	57	59	62	68	77	81	86	59					
18	89	88	87	86	95	99	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	23	?			
19	?	100	?	100	?	?	100	?	100	99	97	95	89	81	79	81	84	91	84	85	90	91	89	87	76	85	78	?		
20	77	69	72	73	75	77	80	79	69	65	59	55	53	49	49	49	60	70	74	78	80	83	88	91	70					
21	93	95	97	98	98	99	91	75	68	61	55	52	53	51	53	56	62	66	69	72	75	77	79	80	74					
22	82	89	94	93	93	93	93	92	84	76	70	65	62	62	62	66	71	77	85	91	95	97	99	100	83					
23	100	?	100	?	?	100	?	100	?	?	99	?	92	80	71	65	61	57	54	56	59	67	74	78	82	84	87	93	73	?
24	93	93	91	93	97	97	98	96	84	72	64	61	59	57	56	55	55	63	70	71	72	77	81	84	77					
25	88	90	90	91	91	91	92	89	83	79	73	66	62	58	55	54	53	58	66	74	76	80	82	83	76					
26	87	88	87	87	88	91	92	88	79	69	68	74	73	70	71	72	80	93	100	?	?	?	?	?	?	65	?			
27	?	?	?	?	?	?	?	?	?	100	?	93	82	74	88	72	69	68	69	73	78	83	86	93	?	?	98	?	51	?
28	95	98	?	?	99	?	98	100	?	96	81	60	52	44	42	39	37	35	33	35	44	61	69	76	81	87	61	?	?	
29	74	66	64	62	62	60	58	46	39	36	35	32	29	25	22	22	22	23	30	33	33	36	41	42	41					
Avg	83	84	84	83	85	86	85	82	77	70	64	60	56	53	53	55	57	64	69	71	75	78	79	82	67					
S D	12	13	13	12	12	12	12	13	15	15	16	17	17	17	17	20	18	20	18	16	15	14	13	14	13					
S/A	0.14	0.16	0.15	0.15	0.14	0.14	0.14	0.16	0.19	0.21	0.24	0.29	0.31	0.31	0.33	0.36	0.32	0.3	0.26	0.23	0.2	0.18	0.17	0.17	0.2					
Min	61	60	63	62	62	60	58	46	39	36	35	32	29	25	22	22	22	23	30	33	33	36	41	42	23					
Max	100	100	100	100	100	100	100	99	100	95	96	99	98	93	91	100	96	100	100	99	100	100	99	100	88					

Data Recovery: 0% missing; 10% failed QC -- 8352 total 5-minute measurements.

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

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

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

Instrument: HMP
Calibration Constant: 1.00 %/mV
Serial Number: P0520031 H
Calibration Date: 6/1/1995

Temperature (CR10)
Hourly and Daily Averages
Degrees Celsius
Elizabeth City State Univ. - February 2000

Field: Temp CR10

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	-3	-3	-3	-3	-4	-4	-4	-3	-1	2	4	5	6	7	7	7	6	5	3	3	2	1	-0	-1	1
2	-2	-2	-3	-3	-4	-4	-4	-3	-1	2	5	7	8	8	7	7	7	4	1	-0	-1	-2	-3	-4	1
3	-4	-4	-4	-4	-4	-4	-3	-2	1	4	6	7	8	9	11	12	12	10	8	7	6	5	5	4	4
4	3	4	4	4	3	3	3	3	4	6	9	13	14	14	14	12	11	10	8	7	6	4	2	1	7
5	1	1	0	-1	-2	-2	-3	-2	1	4	7	9	10	10	10	10	9	7	4	2	2	1	1	1	3
6	1	0	1	0	-0	-1	-2	-2	1	5	7	9	10	11	11	11	9	5	2	1	1	1	1	1	3
7	1	1	0	1	1	2	3	3	6	7	9	11	13	14	15	15	14	12	10	8	6	5	3	3	7
8	1	0	0	1	2	2	2	2	5	7	9	10	10	10	8	7	5	4	2	2	1	1	1	1	4
9	1	1	0	1	1	1	2	2	3	5	7	10	12	14	15	16	14	13	12	11	10	9	8	7	7
10	7	6	6	6	5	5	4	5	8	12	15	17	18	19	18	18	16	13	10	9	7	6	5	4	10
11	4	4	5	6	6	7	7	7	9	11	13	15	17	18	18	19	19	18	15	13	13	13	13	11	12
12	9	7	6	6	5	5	4	4	4	4	3	2	2	2	2	1	1	1	-0	-0	-0	-0	0	0	3
13	0	0	0	0	0	0	1	1	2	3	5	7	9	10	10	10	9	8	7	7	7	7	8	10	5
14	12	14	15	16	16	16	16	14	13	13	14	14	14	16	17	17	17	16	15	14	15	14	13	13	15
15	12	10	8	7	6	5	4	5	7	8	10	12	13	14	14	14	13	9	6	4	3	2	1	2	8
16	2	2	2	2	2	2	2	3	5	9	13	15	17	18	19	20	20	18	16	15	13	12	11	11	10
17	10	8	7	6	5	4	4	4	6	7	8	9	10	10	9	8	7	5	3	2	2	2	2	1	6
18	1	1	3	4	4	5	6	6	7	8	9	9	9	7	8	9	9	10	10	10	10	10	10	9	7
19	9	11	12	12	13	14	15	15	16	17	17	20	21	21	20	19	19	19	16	12	10	9	9	8	15
20	7	6	6	5	3	2	1	1	5	8	9	11	12	13	13	12	12	8	5	3	3	2	1	1	6
21	0	0	0	-0	-0	-0	-0	-0	1	4	7	9	11	12	13	12	12	8	5	3	3	2	1	1	4
22	0	-1	-2	-2	-2	-1	-1	-0	4	7	11	13	14	14	14	14	12	10	7	6	5	4	3	3	5
23	3	3	3	3	3	3	3	4	8	14	19	21	22	22	21	21	20	18	15	13	12	11	10	9	12
24	8	8	8	8	7	7	6	8	12	16	19	21	21	22	22	22	21	20	16	15	13	12	12	12	14
25	11	10	10	10	10	10	10	11	14	16	19	22	23	25	25	26	25	23	20	18	17	15	15	14	17
26	13	12	12	12	11	10	10	11	15	19	22	22	21	22	21	20	18	14	11	9	9	8	8	8	14
27	8	8	8	7	7	7	8	10	13	18	21	23	21	22	22	23	22	20	18	17	17	17	16	15	15
28	15	15	15	14	14	13	11	10	11	14	15	17	18	18	18	18	18	16	13	10	8	7	5	4	13
29	4	4	4	3	3	3	3	6	9	12	14	16	18	18	19	19	18	17	13	11	9	7	6	5	10
Avg	5	4	4	4	4	4	4	4	7	9	11	13	14	14	15	14	14	12	9	8	7	6	6	5	8
S D	5	5	5	5	5	5	5	5	5	5	5	6	5	6	6	6	6	6	6	5	5	5	5	5	5
S/A	1.11	1.16	1.23	1.25	1.31	1.34	1.36	1.15	0.71	0.54	0.47	0.42	0.39	0.39	0.38	0.4	0.43	0.5	0.6	0.67	0.72	0.8	0.87	0.95	0.56
Min	-4	-4	-4	-4	-4	-4	-4	-3	-1	2	3	2	2	2	2	1	1	1	-0	-0	-1	-2	-3	-4	1
Max	15	15	15	16	16	16	16	15	16	19	22	23	23	25	25	26	25	23	20	18	17	17	16	15	17

Data Recovery: 0% missing; 0% failed QC -- 8352 total 5-minute measurements.

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

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

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

Instrument:	CSIT
Calibration Constant:	1.00 deg C/mV
Serial Number:	0
Calibration Date:	6/1/1995

Wind Speed
Hourly and Daily Averages
Meters/Second
Elizabeth City State Univ. - February 2000

Field: WS

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	2	2	1	2	1	2	2	3	4	4	4	5	5	6	6	5	5	4	3	3	3	3	3	3	3
2	3	3	2	2	2	2	3	2	3	4	4	4	4	4	4	3	3	2	1	1	1	1	1	0	2
3	1	1	1	1	1	2	2	2	3	3	3	4	4	4	4	4	3	2	2	2	2	2	1	1	2
4	2	2	1	1	1	1	1	1	2	2	2	1	2	3	3	3	3	3	1	1	3	1	1	2	2
5	2	2	2	2	2	2	2	2	2	3	3	4	4	3	3	4	3	2	1	2	2	2	2	3	2
6	3	3	3	3	2	1	1	1	1	4	4	3	2	2	1	2	4	3	3	2	2	2	3	2	2
7	2	1	2	2	2	3	4	3	4	4	4	4	4	4	3	3	3	2	1	1	1	0	0	1	2
8	1	0	1	3	3	3	3	3	4	5	5	5	5	4	4	4	4	3	2	2	2	2	1	2	3
9	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	1
10	2	2	3	3	2	2	3	3	2	3	3	4	4	3	3	2	2	2	2	1	1	1	1	1	2
11	2	1	3	2	3	2	3	3	3	3	4	5	4	4	4	4	3	1	1	1	0	1	2	4	3
12	4	5	3	3	3	4	5	5	5	5	5	6	5	4	5	5	5	5	4	4	4	4	3	3	4
13	3	2	2	1	1	1	1	1	0	0	1	1	0	1	1	2	1	1	2	3	4	3	2	4	2
14	4	4	4	4	5	5	7	5	4	5	4	3	3	4	5	3	3	2	1	1	3	3	3	3	4
15	3	3	2	2	2	2	2	2	4	4	4	3	2	2	1	3	3	2	2	2	1	1	2	2	2
16	2	1	1	1	2	1	0	2	3	3	5	5	5	5	4	4	3	3	3	2	2	2	2	4	3
17	5	3	2	3	3	4	3	4	5	6	5	5	4	5	5	5	4	4	3	2	2	2	2	1	4
18	2	3	2	3	3	4	4	3	1	1	1	3	4	2	3	4	4	4	4	3	3	2	1	2	3
19	3	4	3	3	4	4	4	4	4	4	4	6	5	4	3	3	2	2	5	5	4	3	4	4	4
20	3	3	3	3	4	2	1	0	2	3	4	3	2	1	2	1	3	3	2	1	1	1	0	2	2
21	0	1	1	1	2	2	2	2	3	3	4	3	4	3	3	3	3	3	3	2	2	2	2	1	2
22	0	0	0	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
23	1	1	2	1	1	1	0	1	0	0	1	2	2	3	3	3	4	3	1	1	2	1	1	0	1
24	1	1	0	0	0	0	0	0	1	2	2	3	3	3	3	3	3	3	2	2	1	2	2	2	2
25	2	2	2	2	2	2	2	2	2	4	4	4	4	3	3	3	2	1	1	2	2	2	2	2	2
26	2	2	2	1	1	1	1	1	0	1	2	3	2	2	3	3	3	3	3	2	1	2	1	1	2
27	1	1	1	0	0	0	1	1	2	3	4	4	4	5	4	5	5	4	4	4	4	4	3	4	3
28	3	2	2	1	3	5	4	4	4	4	4	4	3	3	3	3	3	2	1	1	1	1	0	1	3
29	1	1	1	1	2	2	2	3	3	3	3	2	3	3	2	3	3	1	1	1	1	0	0	1	2
Avg	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
S D	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
S/A	0.55	0.56	0.47	0.55	0.55	0.62	0.68	0.58	0.51	0.48	0.41	0.38	0.38	0.38	0.36	0.33	0.29	0.38	0.53	0.52	0.46	0.5	0.54	0.59	0.29
Min	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	0	0	1
Max	5	5	4	4	5	5	7	5	5	6	5	6	5	6	6	5	5	5	5	5	4	4	4	4	4

Data Recovery: 0% missing; 0% failed QC -- 8352 total 5-minute measurements.

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

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

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

Instrument:	NRG
Calibration Constant:	0.76 m/s/mV
Serial Number:	0 WS
Calibration Date:	6/1/1995

Wind Direction
Hourly and Daily Averages
Degrees
Elizabeth City State Univ. - February 2000

Field: WD

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	12	27	8	358	357	7	355	19	28	51	33	38	48	41	45	47	44	50	49	41	50	48	53	58	39
2	54	46	53	55	43	34	30	47	67	69	52	78	88	63	56	71	70	67	50	34	2	347	346	350	56
3	341	336	321	334	307	317	323	322	303	302	310	314	325	324	325	317	298	311	331	339	346	325	323	322	320
4	339	360	358	351	339	354	9	14	35	39	29	32	22	25	63	62	59	70	71	63	132	194	80	63	40
5	60	48	70	53	54	59	57	53	56	65	81	86	75	75	54	59	65	50	23	14	1	353	352	357	53
6	28	23	40	83	65	72	52	74	88	120	126	143	172	48	63	303	239	244	240	262	267	291	296	301	59
7	303	307	316	304	330	339	343	353	27	35	41	25	33	17	20	27	9	12	44	67	144	137	132	175	12
8	355	173	171	172	161	157	152	161	157	171	176	157	171	174	164	170	162	162	156	143	130	128	117	123	160
9	129	128	151	143	127	129	126	145	116	123	122	149	143	127	175	175	150	151	148	152	160	151	144	124	143
10	118	127	110	132	135	121	120	131	162	157	151	170	178	163	177	149	163	174	180	195	219	248	275	296	156
11	294	301	301	310	321	307	315	310	323	339	351	4	5	19	42	30	25	14	332	342	324	360	111	147	352
12	148	138	144	142	158	166	168	160	170	171	160	163	157	151	144	160	127	123	133	118	119	117	119	128	147
13	101	117	131	145	119	130	132	112	135	110	185	227	272	278	283	210	229	229	229	232	245	245	257	282	209
14	304	315	305	296	314	310	345	344	314	324	340	326	330	338	2	3	358	324	334	3	39	58	55	46	337
15	72	65	66	70	110	91	99	109	118	120	105	106	109	80	44	84	242	237	221	216	230	272	277	288	112
16	276	274	280	285	290	307	309	295	317	333	335	333	331	323	341	331	322	352	356	310	325	327	6	113	328
17	140	145	119	132	148	130	142	136	124	133	151	130	138	141	183	182	177	185	195	187	169	169	146	137	150
18	166	182	179	173	173	201	188	175	160	203	318	3	45	355	1	345	348	352	7	358	356	330	323	323	345
19	317	328	335	316	333	324	331	326	337	354	0	9	8	41	82	47	40	69	131	165	164	130	125	132	16
20	139	102	112	100	111	121	111	101	142	134	123	153	161	143	58	2	295	249	243	264	272	272	296	299	136
21	321	343	16	64	130	139	137	146	139	151	158	150	176	181	180	187	195	200	201	191	194	203	195	188	170
22	190	85	90	103	127	140	122	117	123	153	167	193	197	185	191	177	185	173	167	153	145	146	125	135	162
23	111	114	119	128	130	133	127	134	184	102	19	320	302	306	308	282	273	252	257	261	284	267	261	271	272
24	286	299	322	310	225	225	283	285	305	325	324	343	326	316	319	295	308	263	258	299	311	314	319	316	308
25	315	311	329	326	332	339	328	324	343	346	4	19	335	346	354	358	353	315	276	296	307	310	318	317	336
26	310	308	336	313	279	300	297	325	330	120	186	170	153	175	191	191	191	198	182	189	173	198	179	205	199
27	200	224	223	241	219	245	248	241	240	243	288	309	331	337	308	297	306	290	284	281	311	327	317	306	298
28	333	8	350	352	41	115	126	114	103	114	104	113	82	358	49	77	64	69	44	286	297	283	328	34	77
29	54	47	52	72	90	85	97	106	113	99	69	105	85	92	67	61	48	52	47	36	32	11	327	344	77
Avg	50	41	43	77	75	89	71	83	91	94	76	73	56	32	44	38	352	222	192	221	248	300	15	58	55

Data Recovery: 0% missing; 0% failed QC -- 8352 total 5-minute measurements.

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

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

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

Instrument:	NRGV
Calibration Constant:	0.14 deg/mV
Serial Number:	0
Calibration Date:	6/1/1995

Peak Wind Speed
Hourly and Daily Averages
Meters/Second
Elizabeth City State Univ. - February 2000

Field: Pk WS

Hour Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily
1	3	3	2	3	2	3	4	4	6	7	8	7	8	9	9	9	8	6	5	5	5	5	4	4	5
2	4	4	4	3	4	3	4	4	5	6	7	7	7	7	7	6	5	3	2	2	2	1	1	1	4
3	2	2	1	2	1	2	3	3	4	5	5	6	6	6	7	6	4	4	3	2	2	3	2	2	4
4	3	3	2	2	2	1	2	2	3	3	3	3	4	5	5	5	6	6	2	2	4	2	2	2	3
5	2	3	3	3	3	3	3	3	4	4	6	7	7	6	5	6	5	3	1	2	2	2	3	4	4
6	4	4	6	5	4	2	1	2	3	6	6	5	3	3	2	4	5	4	4	3	3	3	4	3	4
7	2	2	3	3	3	5	6	4	6	6	6	6	7	6	5	5	4	3	2	2	1	1	1	1	4
8	1	0	2	5	5	4	4	5	6	7	8	7	7	6	7	7	6	5	4	4	3	3	2	4	5
9	3	3	3	2	1	2	2	2	2	2	1	2	2	2	3	3	3	3	4	3	3	3	2	3	2
10	3	2	3	4	2	3	3	4	3	4	5	6	6	4	4	3	3	3	2	2	2	1	2	2	3
11	3	2	4	4	4	4	4	4	5	5	6	7	6	6	6	5	5	2	1	1	1	1	4	6	4
12	6	7	5	5	5	6	8	8	8	8	8	9	8	7	8	8	8	8	6	7	6	6	5	5	7
13	5	4	3	2	2	2	3	2	1	1	2	2	1	1	2	2	2	2	3	4	5	4	3	6	3
14	6	6	6	6	8	9	10	8	7	8	6	4	5	7	7	5	5	3	2	2	4	4	5	5	6
15	5	5	4	5	4	4	3	4	6	6	7	5	4	4	4	3	4	4	4	3	2	1	2	3	4
16	2	2	2	2	3	2	1	3	4	5	7	7	7	7	7	6	4	5	4	3	4	3	3	6	4
17	8	6	4	5	6	6	5	7	8	9	8	7	7	7	8	8	6	6	5	3	3	3	2	2	6
18	3	4	3	4	5	5	5	4	2	2	2	4	5	4	4	6	6	6	6	5	5	3	3	3	4
19	4	6	4	4	6	7	7	6	6	7	6	8	8	5	5	5	4	3	9	8	6	6	7	6	6
20	5	6	5	6	6	4	1	1	3	5	6	5	4	2	3	2	4	4	3	2	2	2	2	1	4
21	1	1	1	2	3	3	3	4	6	5	6	5	6	5	5	5	5	4	4	3	3	3	3	2	4
22	0	0	1	1	1	2	2	2	4	4	4	4	4	5	5	5	5	4	3	3	3	3	2	2	3
23	2	2	2	2	2	1	1	1	1	1	1	3	4	4	5	5	6	4	2	2	2	2	1	1	2
24	1	1	1	0	0	0	1	1	1	2	3	4	4	4	5	5	4	4	3	3	2	3	3	3	3
25	2	3	3	3	2	3	2	3	3	6	5	6	5	5	5	4	3	2	2	3	3	3	3	3	3
26	3	2	2	2	1	1	2	2	1	1	3	4	3	4	4	5	5	5	5	3	2	3	2	1	3
27	1	2	2	0	0	1	1	1	1	3	4	6	6	8	6	7	7	6	6	6	6	6	4	6	4
28	5	4	3	2	4	8	6	6	8	8	7	7	5	6	6	6	6	3	1	2	1	1	1	1	4
29	2	2	2	2	3	3	3	5	6	6	6	4	5	5	5	5	5	3	2	1	1	1	1	1	3
Avg	3	3	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5	4	3	3	3	3	3	3	4
SD	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	1	2	1
S/A	0.54	0.57	0.45	0.53	0.54	0.6	0.64	0.54	0.48	0.44	0.38	0.34	0.33	0.35	0.31	0.32	0.28	0.36	0.52	0.51	0.46	0.51	0.54	0.57	0.28
Min	0	0	1	0	0	0	1	1	1	1	1	2	1	1	2	2	2	2	1	1	1	1	1	1	2
Max	8	7	6	6	8	9	10	8	8	9	8	9	8	9	9	9	8	8	9	8	6	6	7	6	7

Data Recovery: 0% missing; 0% failed QC -- 8352 total 5-minute measurements.

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

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

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

Instrument: NRG
Calibration Constant: 0.76 m/s/mV
Serial Number: 0 WSP
Calibration Date: 6/1/1995

Station Pressure
Hourly and Daily Averages
Millibars
Elizabeth City State Univ. - February 2000

Field: Press

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

Data Recovery: 0% missing; 0% failed QC -- 8352 total 5-minute measurements.

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

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

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

Instrument:	VSA
Calibration Constant:	0.10 X + 800b/V
Serial Number:	493926
Calibration Date:	6/1/1995