

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

March 2013

Station: Westford
 Latitude: 44° 37' 39" N Longitude: 73° 02' 29" W Elevation (Ground): 850 feet Time Zone: Eastern

Date	Temperature					Humidity	Deg. Days		Precip Ty 1 fog 2 hvy fog 3 thunder 4 ice plt 5 hail 6 glaze 7 duststm 8 smk, hz 9 blw snw	Snow Cvr	Precip		Pressure Adj. to Sea Level			Wind						Solar Radiation		
	Maximum	Minimum	Average	Mean	Dew Point		Mean	Heating Base 65°F			Cooling Base 65°F	Water Equivalent	Ice Pellets Snow	Maximum	Minimum	Mean	Avg Speed	Res Speed	Res Dir	Peak			Minute	
																				Speed	Dir		Speed	Dir	Speed	Dir
1	2	3	4A	4B	5	6	7	8		11	12	13	14	15	16	17	18	19	20	21	22	23		
1	32.1	28.1	30.1	29.7	26	88	35	0	.....	4	0.02	0.3	29.75	29.58	29.677	1.2	1.2	347	12	N	6	332	43
2	30.0	20.5	25.3	25.7	22	84	39	0	.....	6	0.18	1.9	29.78	29.72	29.742	1.2	1.2	335	14	NW	6	334	41
3	28.7	20.1	24.4	23.2	18	82	40	0	.....6	6	0.10	1.0	29.74	29.67	29.705	0.4	0.3	328	10	N	6	282	21
4	23.9	20.4	22.1	21.7	17	83	43	0	.....	7	0.08	0.9	29.89	29.69	29.758	0.6	0.5	317	13	NNE	5	291	29
5	34.2	21.6	27.9	26.5	22	82	37	0	.....	6	0.02	T	30.11	29.89	30.039	0.3	0.3	15	8	NNW	5	11	62
6																								
7	35.3	27.8	31.5	31.1	20	64	33	0	.....	5	0.00	0.0	30.18	30.13	30.159	0.5	0.5	26	13	NE	3	23	69
8	37.8	24.8	31.3	30.0	22	71	33	0	.....	4	0.00	0.0	30.32	30.14	30.233	0.9	0.8	7	15	N	5	15	158
9	46.1	20.3	33.2	32.7	22	65	32	0	.....	3	0.00	0.0	30.35	30.29	30.315	0.1	0.1	333	7	NW	3	296	184
10	51.9	27.0	39.5	41.1	22	49	25	0	.....	2	T	0.0	30.30	30.05	30.180	4.5	4.4	204	26	S	13	201	130
11	49.8	40.9	45.4*	45.6	27	48	19	0	.....	T	0.00	0.0	30.11	29.86	29.983	6.4	6.4	209	29	S	13	203	66
12	49.6	34.4	42.0	44.4	39	82	23	0	.....	0	1.20	T	29.90	29.67	29.771	3.6	3.0	201	28	S	13	211	27
13	41.9	28.1	35.0	34.6	28	78	30	0	.....	0	0.01	T	29.79	29.70	29.750	1.4	1.2	279	16	SW	11	262	90
14	30.7	13.6	22.2	21.5	12	68	42	0	.....	1	0.05	1.0	29.89	29.68	29.780	3.0	2.6	293	22	WNW	12	300	99
15	30.9	8.9	19.9	21.2	12	68	45	0	.....	1	0.04	0.8	29.90	29.56	29.735	2.0	1.5	230	20	WNW	10	209	131
16	25.8	13.7	19.7	19.8	11	69	45	0	.....	T	T	T	29.91	29.71	29.828	0.9	0.9	320	21	W	11	318	122
17	23.4	9.8	16.6*	16.3	5	61	48	0	.....	T	0.01	0.3	30.34	29.90	30.103	1.3	1.3	326	21	NW	12	314	158
18	32.3	7.6*	19.9	22.1	4	47	45	0	.....	0	0.00	0.0	30.43	30.08	30.307	0.2	0.1	177	13	SSW	6	185	169
19	31.6	25.8	28.7	28.4	23	81	36	0	.....	7	0.46	6.8	30.08	29.69	29.822	2.1	2.0	187	17	S	10	179	19
20	30.2	22.6	26.4	26.7	19	74	38	0	.....	8	0.21	1.0	29.69	29.62	29.661	2.7	2.6	260	17	W	8	245	47
21	34.9	16.1	25.5	26.1	14	62	39	0	.....	6	T	0.5	29.69	29.61	29.660	1.7	1.6	224	17	W	9	209	111
22	34.2	16.2	25.2	25.0	17	72	40	0	.....	4	0.01	0.5	29.73	29.62	29.659	1.4	1.1	275	15	NNW	9	311	157
23	33.9	24.6	29.3	29.7	20	68	35	0	.....	4	T	T	29.79	29.65	29.700	5.6	5.4	300	28	NW	18	302	113
24	35.7	23.9	29.8	31.3	22	67	35	0	.....	3	T	T	29.85	29.77	29.811	1.9	1.9	319	19	NNW	10	319	117
25	44.2	19.3	31.8	32.3	22	68	33	0	.....	2	0.00	0.0	29.80	29.57	29.678	0.5	0.4	10	14	NNE	6	316	147
26	43.4	27.7	35.6	35.3	24	63	29	0	.....	1	0.00	0.0	29.78	29.61	29.706	1.0	0.9	337	14	NE	7	324	194
27	45.7	30.3	38.0	37.4	27	65	27	0	.....	T	0.01	0.0	29.92	29.75	29.818	1.2	0.9	313	13	N	6	306	169
28	48.2	32.8	40.5	38.2	32	79	24	0	.....	0	0.00	0.0	30.03	29.90	29.965	0.2	0.2	340	10	N	6	284	122
29	45.0	35.8	40.4	39.8	32	73	24	0	.....	0	0.00	0.0	30.05	29.99	30.025	1.4	1.3	285	15	WNW	6	291	94
30	48.6	28.5	38.5	37.7	22	55	26	0	.....	0	0.00	0.0	30.09	30.03	30.056	0.8	0.7	322	17	NW	8	307	238
31	53.1*	26.4	39.7	42.1	23	47	25	0	.....	0	0.02	0.0	30.06	29.67	29.885	3.4	3.4	204	23	S	13	212	137
Sum	Sum	-----	-----	---	----		Ttl	Ttl					For the month:										---	
1133	698						1025	0	Number of Days	2.42	15.0	30.43	29.56	29.884	1.7	0.9	259	29	S	18	302			
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip	Season Ttl		Date	Date	-----	----	----	----	Date	Date	Avg				
37.8	23.3	30.5	30.6	21	68.8	----	----		≥.01 inch	15	5.23	80.2	18	15	-----	----	----	----	11	23	108			
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	5	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			63	22	0	Thunder	0	Precipitation		Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	----	----	Heavy Fog	0	0.02	31	6.8	19	8			20							
0	11	26	0	----	----	----	----	Clear	2	Partly Cloudy		10	Cloudy		17									

NOTES:
 Units are: Temperature=°F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.
 Data in column 4A are (MAX+MIN) ÷ 2, whereas columns 4B, 5, 6, 15, 16, 23 are means via continuous observations for 24 hours.
 Column 5: Dew point is calculated from temperature and humidity and is continuously averaged for 24 hours.
 Data in columns 9, 10, 12 are entered manually by the station observer.
 Columns 17-18: Resultant wind is calculated by the vector sum of continuous wind observations.
 Column 23: Solar Radiation is measured in Watts/m² and is continuously averaged for 24 hours.
 Data in columns 4B, 5, 6, 15, 16, 23 are updated continuously, there by achieving a "true" mean.

OBSERVATIONS AT 3-HOUR INTERVALS

March 2013: Westford

Hour	Wind			Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Wind			Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Wind										
	Direction	Speed	Gust							Direction	Speed	Gust							Direction	Speed	Gust								
MAR 01										MAR 02										MAR 03									
01	0	29.59	0.00	30	28	92	34	2	5	0	29.73	0.00	28	25	89	32	0	3	0	29.73	0.00	20	17	85	02	0	0		
04	0	29.61	0.00	29	27	93	00	2	9	0	29.73	0.00	28	26	91	32	3	7	0	29.72	0.00	20	17	86	02	0	0		
07	7	29.65	0.00	28	26	93	34	1	5	5	29.74	0.00	26	23	88	33	4	12	5	29.72	0.00	20	17	87	07	0	0		
10	76	29.67	0.00	30	27	89	02	2	9	63	29.74	0.00	27	23	86	33	1	4	60	29.71	0.00	24	20	84	07	0	2		
13	148	29.69	0.00	32	27	83	32	1	9	172	29.73	0.00	29	23	78	34	1	5	76	29.68	0.00	27	20	76	01	0	2		
16	33	29.71	0.00	31	26	82	33	1	7	58	29.74	0.00	26	20	77	01	1	4	33	29.67	0.00	28	21	75	02	1	3		
19	0	29.74	0.00	29	26	86	03	1	6	0	29.77	0.00	22	18	84	34	1	5	0	29.70	0.00	24	18	79	32	0	5		
22	0	29.74	0.00	28	25	88	05	0	3	0	29.76	0.00	21	17	84	04	0	0	0	29.70	0.00	22	19	86	25	1	3		
MAR 04										MAR 05										MAR 06									
01	0	29.69	0.00	22	18	86	31	0	5	0	29.91	0.00	22	18	86	07	0	0	0	30.08	0.00	27	24	89	00	0	0		
04	0	29.69	0.00	21	17	85	29	0	0	0	29.96	0.00	22	19	87	07	0	0	0	30.08	0.00	25	23	90	00	0	0		
07	5	29.71	0.00	21	17	84	29	0	0	7	30.03	0.00	22	19	87	06	0	0	47	30.12	0.00	31	28	88	00	0	0		
10	81	29.72	0.00	22	17	83	27	0	0	70	30.07	0.00	26	21	81	01	0	4	553	30.16	0.00	41	29	62	09	3	8		
13	109	29.73	0.00	23	18	79	00	1	7	234	30.06	0.00	31	24	75	32	0	3	816	30.14	0.00	42	24	50	04	3	12		
16	49	29.77	0.00	22	17	81	00	2	7	295	30.09	0.00	34	25	71	34	0	6	77	30.16	0.00	38	21	51	06	0	2		
19	0	29.84	0.00	21	17	84	03	0	0	0	30.10	0.00	28	23	82	01	0	0	0	30.17	0.00	36	22	57	00	0	0		
22	0	29.87	0.00	22	18	86	07	0	0	0	30.09	0.00	28	24	85	03	0	0	0	30.16	0.00	33	23	64	00	1	11		
MAR 07										MAR 08										MAR 09									
01	0	30.16	0.00	32	20	62	02	0	2	0	30.14	0.00	28	21	74	01	1	7	0	30.31	0.00	26	19	77	03	0	0		
04	0	30.16	0.00	31	19	63	00	0	0	0	30.15	0.00	27	20	76	35	1	9	0	30.30	0.00	24	19	81	03	0	0		
07	13	30.17	0.00	30	18	62	04	1	5	37	30.19	0.00	26	20	78	02	3	9	21	30.34	0.00	25	19	79	04	0	0		
10	227	30.16	0.00	32	19	60	00	1	4	285	30.23	0.00	31	22	69	33	1	7	538	30.34	0.00	36	22	56	34	0	3		
13	251	30.15	0.00	35	21	57	00	0	5	796	30.24	0.00	37	24	59	02	3	13	645	30.31	0.00	44	24	45	01	0	4		
16	84	30.16	0.00	33	21	60	02	0	6	218	30.25	0.00	37	23	58	33	1	8	281	30.30	0.00	45	26	46	32	0	3		
19	0	30.18	0.00	29	21	72	02	0	2	0	30.31	0.00	30	22	74	02	0	0	0	30.32	0.00	33	24	67	35	0	0		
22	0	30.16	0.00	29	21	72	02	1	6	0	30.31	0.00	25	19	79	02	0	0	0	30.30	0.00	32	24	72	10	0	0		
MAR 10										MAR 11										MAR 12									
01	0	30.29	0.00	28	22	79	10	0	0	0	30.10	0.00	46	24	43	19	6	20	0	29.88	0.00	47	30	51	21	8	24		
04	0	30.25	0.00	32	22	67	19	3	7	0	30.02	0.00	44	26	49	21	7	15	0	29.83	0.00	44	39	81	19	3	12		
07	0	30.26	0.00	29	20	70	19	0	0	0	30.04	0.00	42	28	58	20	7	17	0	29.79	0.00	48	42	80	19	7	15		
10	267	30.24	0.00	42	22	45	20	5	13	200	30.02	0.00	45	28	51	21	5	9	132	29.76	0.00	48	44	87	19	4	13		
13	343	30.19	0.00	47	21	35	20	8	18	251	30.01	0.00	47	26	44	22	6	16	98	29.74	0.00	49	45	84	18	2	14		
16	181	30.11	0.00	51	22	32	21	4	17	141	29.94	0.00	50	26	39	21	7	16	25	29.69	0.00	48	45	89	21	0	1		
19	0	30.06	0.00	48	24	40	21	6	18	0	29.91	0.00	46	29	51	18	7	15	0	29.70	0.00	38	36	91	03	2	10		
22	0	30.09	0.00	46	24	41	20	7	22	0	29.88	0.00	46	26	46	22	2	9	0	29.77	0.00	34	32	92	30	0	5		
MAR 13										MAR 14										MAR 15									
01	0	29.78	0.00	34	30	85	00	0	0	0	29.71	0.00	30	22	71	24	2	10	0	29.89	0.00	13	2	61	29	0	8		
04	0	29.77	0.00	35	30	80	27	3	7	0	29.69	0.00	29	19	65	26	4	13	0	29.88	0.00	13	4	65	30	0	5		
07	0	29.77	0.00	34	30	84	22	1	3	0	29.70	0.00	26	18	70	26	6	17	0	29.85	0.00	11	3	71	16	0	0		
10	204	29.76	0.00	36	29	75	27	2	5	192	29.77	0.00	21	15	77	34	0	1	425	29.79	0.00	21	8	56	21	2	7		
13	281	29.74	0.00	39	26	60	29	5	7	320	29.78	0.00	21	12	70	32	1	8	497	29.66	0.00	28	11	48	20	4	13		
16	54	29.72	0.00	36	27	71	27	7	16	246	29.82	0.00	19	7	58	33	5	16	144	29.58	0.00	27	20	77	18	5	16		
19	0	29.73	0.00	33	28	81	10	0	0	0	29.85	0.00	16	6	65	29	3	13	0	29.59	0.00	28	23	81	27	0	6		
22	0	29.73	0.00	29	26	88	19	0	3	0	29.88	0.00	16	5	62	32	7	16	0	29.67	0.00	26	20	78	30	0	5		
MAR 16										MAR 17										MAR 18									
01	0	29.73	0.00	24	17	73	32	4	17	0	29.91	0.00	13	5	73	01	0	0	0	30.35	0.00	14	0	54	31	0	0		
04	0	29.80	0.00	20	15	81	32	7	15	0	29.94	0.00	11	5	74	32	0	0	0	30.36	0.00	11	1	62	29	0	0		
07	0	29.83	0.00	14	8	75	03	0	4	0	29.96	0.00	14	8	77	25	0	0	5	30.41	0.00	8	-1	67	29	0	0		
10	341	29.85	0.00	20	10	65	32	0	2	243	30.07	0.00	17	9	71	31	2	9	461	30.43	0.00	22	4	45	20	0	0		
13	387	29.84	0.00	22	9	58	04	1	2	388	30.15	0.00	20	9	60	32	3	19	666	30.38	0.00	28	4	35	30	0	4		
16	334	29.82	0.00	24	10	55	31	4	7	494	30.17	0.00	23	3	42	32	2	13	276	30.27	0.00	32	5	32	07	0	4		
19	0	29.84	0.00	21	10	64	31	0	3	5	30.24	0.00	18	-1	43	33	0	6	0	30.18	0.00	30	8	39	06	0	0		
22	0	29.88	0.00	14	8	78	00	0	0	0	30.32	0.00	14	-0	53	29	0	0	0	30.14	0.00	29	7	39	18	0	1		

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Ended: Date	31	31	31	31	31	31	31	31	31	31	31	31
Ended: Time	2310	2310	2310	2310	2310	2354	2354	2354	2354	2354	2354	2354

The precipitation amounts may occur at any time during the month. The time indicated is the ending time of the interval. Date and time are not entered for trace amounts.

OBSERVATIONS AT 3-HOUR INTERVALS

March 2013: Westford

Hour	Wind			Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Wind			Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Wind								
	Direction	Speed	Gust							Direction	Speed	Gust							Direction	Speed	Gust						
MAR 19									MAR 20									MAR 21									
01	0	30.04	0.00	26	21	79	17	1	7	0	29.67	0.00	27	22	82	27	4	8	0	29.68	0.00	26	16	65	23	3	8
04	0	29.94	0.00	26	22	84	18	1	7	0	29.66	0.00	25	19	77	27	3	8	0	29.67	0.00	20	13	72	21	0	4
07	0	29.89	0.00	27	22	79	18	5	12	0	29.67	0.00	23	16	76	25	4	7	0	29.68	0.00	17	12	81	21	0	4
10	62	29.84	0.00	30	22	72	17	5	14	91	29.68	0.00	26	17	67	30	5	10	111	29.69	0.00	28	14	57	19	4	7
13	39	29.80	0.00	29	25	84	18	3	8	330	29.65	0.00	30	20	65	25	4	10	381	29.66	0.00	32	14	48	21	2	15
16	28	29.72	0.00	30	25	81	22	0	5	30	29.63	0.00	28	24	84	23	2	8	264	29.62	0.00	33	13	43	24	2	4
19	0	29.70	0.00	29	24	84	14	0	1	0	29.65	0.00	29	22	76	26	6	13	7	29.63	0.00	29	13	52	26	0	1
22	0	29.71	0.00	28	25	87	24	0	0	0	29.68	0.00	28	17	63	24	2	8	0	29.66	0.00	26	20	78	31	0	0
MAR 22									MAR 23									MAR 24									
01	0	29.63	0.00	21	17	83	20	0	0	0	29.70	0.00	25	19	79	23	3	6	0	29.78	0.00	31	22	67	32	3	14
04	0	29.63	0.00	16	11	81	20	0	0	0	29.66	0.00	26	21	82	26	0	4	0	29.78	0.00	30	22	71	32	2	11
07	0	29.64	0.00	16	12	81	19	0	1	0	29.68	0.00	26	20	77	31	5	12	5	29.81	0.00	30	22	73	29	1	8
10	448	29.65	0.00	27	16	62	16	1	8	513	29.67	0.00	30	20	67	30	6	17	220	29.84	0.00	32	23	68	31	2	13
13	042	29.65	0.00	31	18	58	25	2	9	311	29.65	0.00	34	19	55	32	6	14	425	29.84	0.00	34	21	58	33	5	16
16	248	29.64	0.00	31	21	64	32	2	6	135	29.70	0.00	33	20	59	31	10	22	276	29.82	0.00	35	22	58	35	1	8
19	0	29.70	0.00	26	20	79	32	1	5	0	29.75	0.00	32	22	66	30	6	21	9	29.80	0.00	33	21	62	33	0	0
22	0	29.72	0.00	26	17	68	29	2	5	0	29.78	0.00	32	21	63	31	6	16	0	29.81	0.00	27	20	75	33	0	0
MAR 25									MAR 26									MAR 27									
01	0	29.79	0.00	24	18	80	33	0	0	0	29.61	0.00	33	24	69	02	0	4	0	29.76	0.00	36	22	58	25	2	5
04	0	29.75	0.00	20	16	84	33	0	0	0	29.63	0.00	30	23	76	00	0	8	0	29.75	0.00	35	23	60	25	4	9
07	12	29.73	0.00	22	18	85	33	0	0	11	29.67	0.00	30	23	76	01	0	4	11	29.78	0.00	31	22	71	20	0	0
10	267	29.72	0.00	33	22	65	10	0	1	504	29.71	0.00	37	25	61	02	1	6	501	29.81	0.00	39	26	59	29	0	5
13	726	29.66	0.00	43	25	49	01	1	5	937	29.73	0.00	40	25	54	31	6	14	455	29.81	0.00	44	30	56	33	2	8
16	174	29.59	0.00	42	27	56	29	3	6	677	29.74	0.00	43	25	49	33	2	11	221	29.82	0.00	43	30	60	01	1	12
19	0	29.59	0.00	38	26	61	06	0	2	11	29.75	0.00	39	23	53	00	0	3	5	29.87	0.00	38	29	70	01	0	3
22	0	29.63	0.00	37	25	62	05	0	1	0	29.77	0.00	36	23	59	31	0	0	0	29.91	0.00	34	29	82	31	0	0
MAR 28									MAR 29									MAR 30									
01	0	29.91	0.00	33	29	86	31	0	0	0	30.03	0.00	37	33	84	22	0	0	0	30.03	0.00	34	27	75	00	0	0
04	0	29.91	0.00	33	30	90	31	0	0	0	30.02	0.00	38	32	80	27	1	6	0	30.03	0.00	31	25	79	00	0	0
07	0	29.94	0.00	33	30	91	31	0	0	11	30.03	0.00	36	32	84	28	0	0	15	30.07	0.00	29	25	84	00	0	0
10	237	29.97	0.00	36	34	92	31	0	3	306	30.04	0.00	40	35	80	24	1	7	517	30.09	0.00	39	25	56	31	4	10
13	482	29.99	0.00	41	34	75	05	0	0	410	30.03	0.00	44	32	64	34	3	9	773	30.07	0.00	45	21	37	33	1	10
16	682	29.97	0.00	47	35	63	33	1	6	47	30.00	0.00	43	30	62	28	2	6	545	30.04	0.00	49	18	29	32	1	8
19	23	29.99	0.00	43	32	64	34	0	0	14	30.01	0.00	41	29	62	30	1	8	16	30.05	0.00	43	16	33	03	0	1
22	0	30.02	0.00	40	32	71	30	0	0	0	30.04	0.00	38	29	71	28	0	2	0	30.07	0.00	32	15	50	03	0	0
MAR 31																											
01	0	30.05	0.00	29	16	57	04	0	0																		
04	0	30.03	0.00	27	17	65	18	0	0																		
07	14	30.00	0.00	32	15	50	20	1	4																		
10	350	29.96	0.00	44	22	41	20	5	16																		
13	575	29.89	0.00	51	25	35	21	9	19																		
16	163	29.78	0.00	52	25	34	20	5	12																		
19	5	29.74	0.00	50	30	46	22	5	15																		
22	0	29.70	0.00	47	31	54	20	8	20																		

WEATHER NOTES

NOTES:
 Units are: Temperature= °F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.
 Wind Direction: Directions are those from which the wind is blowing, indicated in tens of degrees from true north: i.e., 09 for East, 18 for South, 27 for West, and 00 or 36 for North.
 Wind Speed: The observed one-minute average speed in miles-per-hour.
 Wind Gust: The maximum instantaneous wind speed for the 10-minute period preceding the observation.
 Rainfall Rate: The instantaneous rainfall rate at the time of observation, calculated by timing consecutive 0.01" pulses from the electronic rain gauge and interpolating this rate for one hour.

SUMMARY BY HOUR

Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01	0	29.893	28	20	74	1.3	25	0.8
04	0	29.883	27	20	77	1.4	27	0.9
07	7	29.899	26	20	78	1.5	24	0.7
10	276	29.909	32	22	67	2.0	24	0.8
13	431	29.891	35	22	59	2.7	27	1.3
16	210	29.871	36	22	59	2.4	28	1.4
19	3	29.887	32	21	66	1.4	26	0.7
22	0	29.901	30	21	70	1.2	25	0.7

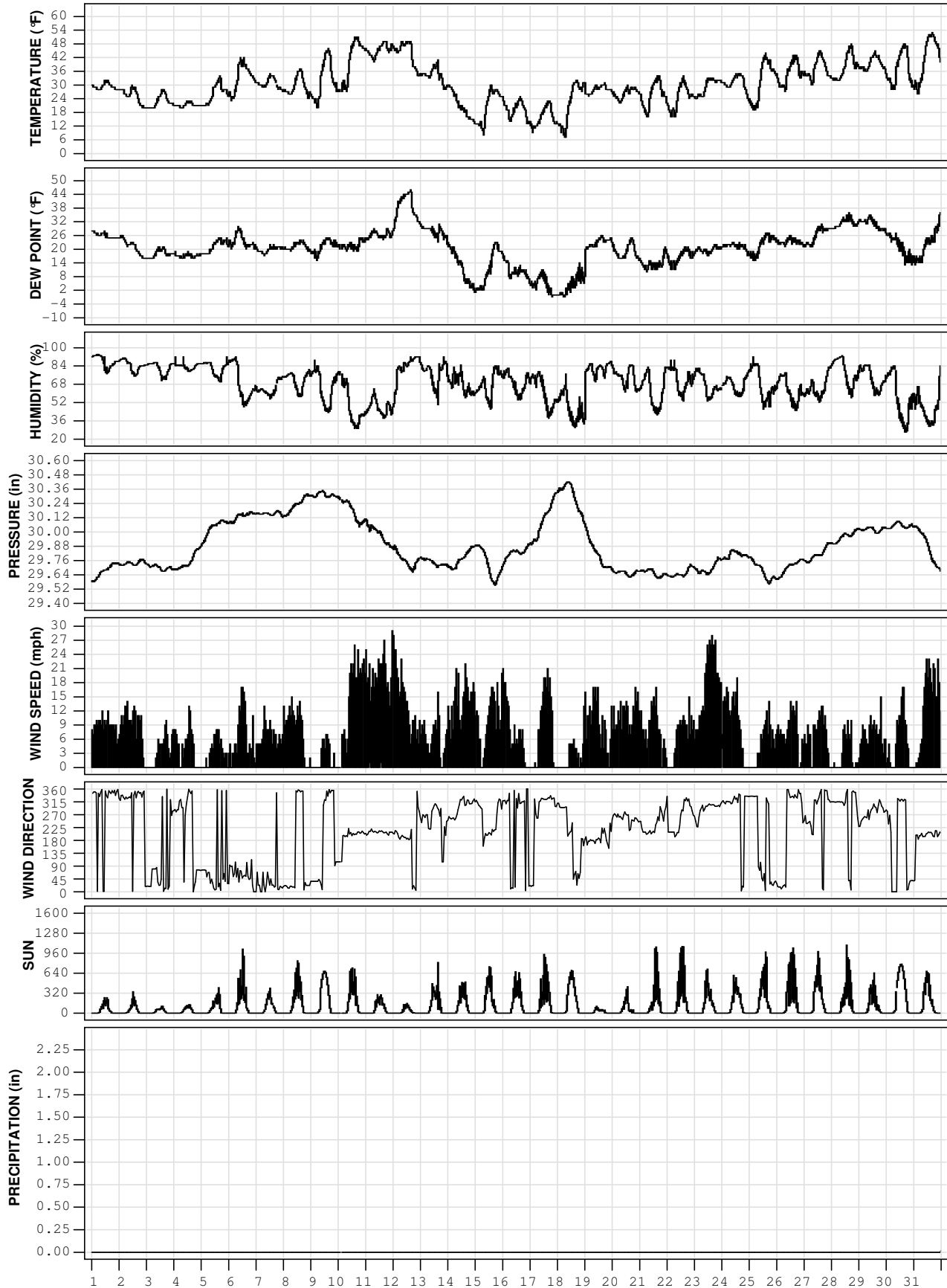
HOURLY PRECIPITATION (Water Equivalent) March 2013: Westford

Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03																									03
04																									04
05																									05
06																									06
07																									07
08																									08
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26																									26
27																									27
28																									28
29																									29
30																									30
31																							0.02	31	
Sum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	Sum

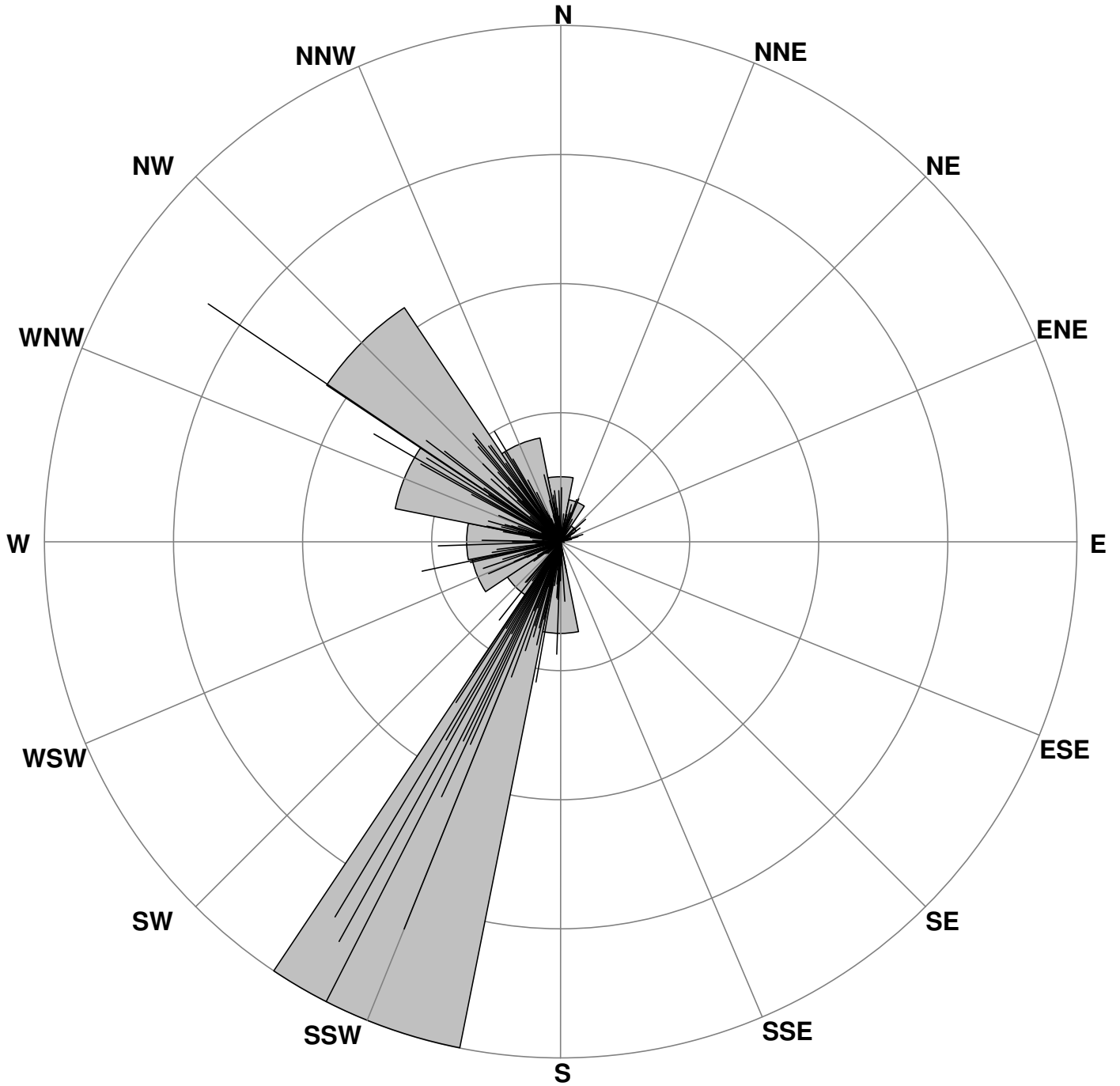
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA

March 2013: Westford



**Wind Rose: March 2013
Westford**



**Maximum direction of wind: 52.8 miles from 207°
Maximum sector of wind: 421.3 miles from SSW
1265.3 total miles of wind**