

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

May 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 duststz 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	Res	Res	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	77.2	46.2	61.7	63.2	41	46	3	0	.....	0	0.00	0.0	30.39	30.22	30.321	0.8	0.5	274	19	W	8	306	287
2	81.9	53.1	67.5	67.2	40	38	0	3	.....	0	0.00	0.0	30.38	30.25	30.318	0.9	0.5	226	14	S	7	190	274
3	71.7	46.6	59.1	58.9	35	42	5	0	.....	0	0.00	0.0	30.43	30.28	30.344	1.5	1.1	204	18	SSW	8	172	298
4	74.8	45.0	59.9	61.4	41	49	5	0	.....	0	0.00	0.0	30.30	30.14	30.225	1.0	0.8	300	16	NW	9	300	298
5	78.9	50.4	64.7	63.8	36	38	0	0	.....	0	0.00	0.0	30.19	30.06	30.127	1.5	1.4	215	20	S	11	211	298
6	78.1	49.7	63.9	64.3	34	34	1	0	.....	0	0.00	0.0	30.14	29.99	30.073	1.1	1.0	224	13	SW	7	220	295
7	82.7	54.0	68.3	66.9	42	44	0	4	.....	0	0.00	0.0	30.08	29.97	30.030	1.5	1.5	215	17	SSW	9	216	297
8	80.4	55.8	68.1	66.4	51	60	0	3	.....	0	0.03	0.0	30.09	29.96	30.028	1.8	1.8	200	19	S	10	201	240
9	71.5	55.2	63.4	62.6	54	76	1	0	.....	0	0.13	0.0	29.96	29.80	29.864	1.1	1.1	214	18	S	8	210	213
10	71.1	53.3	62.2	60.2	53	79	3	0	.....	0	T	0.0	29.94	29.73	29.864	0.3	0.2	292	8	NW	5	306	122
11	68.2	45.8	57.0	59.6	53	80	8	0	.....	0	0.28	0.0	29.74	29.55	29.622	3.3	2.7	232	23	S	12	208	120
12	57.5	40.1	48.8	48.7	37	66	16	0	.....	0	0.00	0.0	29.71	29.58	29.633	2.7	2.5	269	28	NW	17	293	148
13	50.4	36.1	43.3	42.2	29	59	22	0	.....	0	0.00	0.0	30.02	29.69	29.846	3.8	3.7	263	24	W	13	286	187
14	56.6	29.1	42.8	43.5	28	60	22	0	.....	0	0.01	0.0	30.08	29.97	30.020	0.8	0.8	307	19	NW	11	299	309
15	63.8	31.1	47.4	47.5	36	67	17	0	.....	0	0.15	0.0	30.00	29.53	29.771	2.5	2.5	209	28	SSW	13	223	189
16	71.8	45.1	58.5	56.1	42	62	6	0	.....	0	0.01	0.0	29.87	29.56	29.647	2.2	1.8	273	25	W	15	304	223
17	65.3	42.4	53.9	52.3	40	65	11	0	.....	0	0.00	0.0	30.18	29.86	30.039	0.8	0.8	316	16	W	7	300	267
18	70.8	38.0	54.4	55.4	38	58	10	0	.....	0	0.00	0.0	30.27	30.18	30.213	0.3	0.3	294	12	W	6	298	309
19	68.3	45.4	56.9	55.9	47	74	8	0	.....	0	0.14	0.0	30.23	30.04	30.167	1.4	1.4	213	20	SSW	9	220	128
20	70.4	54.3	62.4	59.0	55	87	3	0	.....	0	0.09	0.0	30.04	29.92	29.959	2.1	2.1	215	22	SW	11	210	95
21	68.5	53.5	61.0	60.0	57	89	3	0	..3.....	0	0.78	0.0	29.94	29.74	29.846	0.5	0.3	291	23	W	15	290	158	
22	78.2	55.7	66.9	63.9	61	91	0	2	..3.....	0	1.97	0.0	29.82	29.66	29.747	1.5	1.4	216	17	SSE	7	306	144	
23	76.2	59.8	68.0	65.6	62	90	0	3	..3.....	0	1.09	0.0	29.71	29.62	29.679	1.3	1.3	224	23	NNW	12	219	122	
24	60.3	42.8	51.5	46.3	45	95	13	0	.....	0	0.97	0.0	30.01	29.67	29.846	0.9	0.9	358	25	N	9	18	45
25	43.5	38.8	41.1*	40.8	39	95	23	0	.....	0	1.19	0.0	30.00	29.88	29.954	1.8	1.8	19	25	ENE	9	19	53
26	47.6	38.1	42.8	41.7	40	93	22	0	.....	0	0.22	0.0	30.06	29.84	29.940	0.9	0.9	354	21	N	8	319	98
27	65.7	38.2	51.9	51.1	39	67	13	0	.....	0	0.00	0.0	30.14	30.02	30.093	0.7	0.5	292	15	NNW	6	307	320
28	72.6	38.3	55.4	56.8	41	60	9	0	.....	0	0.00	0.0	30.18	30.05	30.122	0.6	0.6	223	13	SSW	6	225	299
29	68.4	54.2	61.3	60.2	55	85	4	0	.....	0	0.32	0.0	30.05	29.85	29.939	1.3	1.3	208	18	SW	9	219	102
30	84.7	61.0	72.8	70.5	63	79	0	8	.....	0	0.01	0.0	30.03	29.91	29.979	1.3	1.1	248	15	W	7	293	286
31	88.2*	63.8	76.0*	75.9	63	66	0	11	.....	0	0.00	0.0	30.01	29.82	29.932	0.8	0.8	220	16	W	7	215	268
Sum	Sum	-----	-----	---	----		Ttl	Ttl					For the month:						---					
2165	1461						228	34	Number of Days	7.39	0.0	30.43	29.53	29.974	1.4	0.9	243	28	NW	17	293			
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip	Season Ttl		Date	Date	-----	----	----	----	Date	Date	Avg				
69.8	47.1	58.5	57.7	45	67.5	----	----		≥.01 inch	15.03	80.8	3	15	-----	----	----	----	12+	12	209				
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	0	Greatest in 24 Hours and Dates				Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date										
Max Temperature			Min Temperature			72	17	34	Thunder	3	Precipitation		Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	2.50	21-22	0.0	-	0		-								
0	0	2	0	----	----			Clear	8	Partly Cloudy		9	Cloudy		14									

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

May 2013: Westford

Hour	MAY 01									MAY 02									MAY 03								
	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust
01	0	30.24	0.00	56	42	59	14	0	0	0	30.33	0.00	56	40	55	21	0	0	0	30.33	0.00	57	36	46	18	4	11
04	0	30.31	0.00	49	38	67	14	0	0	0	30.32	0.00	57	33	40	20	1	7	0	30.38	0.00	50	28	43	17	5	10
07	35	30.35	0.00	52	35	53	19	0	7	39	30.37	0.00	55	38	52	20	1	7	33	30.42	0.00	48	33	55	19	1	7
10	636	30.39	0.00	65	39	38	18	0	6	635	30.37	0.00	69	41	37	18	0	4	661	30.41	0.00	60	35	39	20	2	10
13	868	30.33	0.00	76	45	33	26	4	8	837	30.33	0.00	77	43	29	31	3	7	863	30.35	0.00	66	38	35	25	0	14
16	605	30.30	0.00	75	44	33	29	2	9	682	30.27	0.00	81	45	28	31	4	11	628	30.29	0.00	70	39	32	24	0	6
19	98	30.31	0.00	74	41	31	29	0	4	11	30.26	0.00	73	47	40	04	1	5	95	30.28	0.00	68	37	33	28	1	4
22	0	30.33	0.00	61	41	48	33	0	0	0	30.29	0.00	67	40	38	30	0	0	0	30.29	0.00	55	38	54	30	0	0
MAY 04									MAY 05									MAY 06									
01	0	30.29	0.00	50	38	62	30	0	0	0	30.16	0.00	56	37	48	20	1	6	0	30.11	0.00	57	33	40	18	0	7
04	0	30.27	0.00	47	38	71	20	0	4	0	30.16	0.00	53	35	51	21	1	7	0	30.10	0.00	54	32	43	20	0	5
07	30	30.29	0.00	48	41	74	19	0	1	33	30.18	0.00	53	34	50	20	3	10	44	30.13	0.00	52	33	48	21	0	6
10	652	30.29	0.00	67	44	44	21	0	0	652	30.18	0.00	65	36	35	22	5	16	652	30.14	0.00	65	41	42	23	3	8
13	865	30.23	0.00	73	41	32	29	0	6	858	30.14	0.00	74	39	28	32	0	4	860	30.08	0.00	75	43	32	26	0	8
16	621	30.17	0.00	74	41	31	31	2	8	633	30.08	0.00	79	40	25	32	1	7	626	30.02	0.00	78	41	27	21	2	11
19	98	30.14	0.00	72	41	33	30	0	3	102	30.06	0.00	76	40	27	26	0	1	104	29.99	0.00	74	33	22	23	0	8
22	0	30.15	0.00	57	40	53	29	0	0	0	30.09	0.00	62	37	40	19	0	4	0	30.02	0.00	58	23	26	19	0	3
MAY 07									MAY 08									MAY 09									
01	0	30.04	0.00	58	28	32	19	0	7	0	30.04	0.00	60	41	50	19	0	4	0	29.94	0.00	59	55	87	17	0	0
04	0	30.04	0.00	57	43	61	19	2	11	0	30.04	0.00	61	50	67	20	4	8	0	29.90	0.06	58	56	93	17	0	0
07	39	30.06	0.00	56	45	67	21	4	9	35	30.08	0.00	60	51	72	21	5	10	54	29.89	0.00	57	55	95	17	1	4
10	654	30.08	0.00	68	49	51	18	0	8	659	30.08	0.00	72	53	52	19	0	9	770	29.89	0.00	66	57	73	20	6	10
13	865	30.04	0.00	77	43	30	26	2	8	485	30.02	0.00	76	47	36	13	0	10	826	29.85	0.00	70	54	58	24	6	15
16	629	29.99	0.00	82	41	24	25	1	8	722	29.99	0.00	76	52	44	19	3	11	571	29.81	0.00	71	52	51	21	2	9
19	104	29.98	0.00	79	44	29	31	0	1	21	30.00	0.00	64	55	73	22	0	0	81	29.80	0.00	66	53	63	20	0	4
22	0	30.02	0.00	60	44	54	31	0	0	0	30.00	0.00	60	55	84	17	0	5	0	29.84	0.00	57	51	79	21	0	0
MAY 10									MAY 11									MAY 12									
01	0	29.85	0.00	57	51	81	21	0	0	0	29.71	0.00	61	53	76	21	1	4	0	29.65	0.00	45	42	88	29	0	0
04	0	29.86	0.00	55	52	87	21	0	0	0	29.66	0.00	59	56	90	20	3	10	0	29.62	0.00	47	44	92	24	1	4
07	25	29.91	0.00	57	53	85	30	0	5	14	29.62	0.08	59	56	92	20	0	13	81	29.62	0.00	48	44	88	21	0	1
10	123	29.93	0.00	58	54	87	30	0	4	285	29.59	0.00	64	58	83	21	5	18	181	29.59	0.00	55	45	70	25	3	12
13	364	29.92	0.00	67	55	65	06	0	1	93	29.56	0.00	65	57	76	20	6	18	51	29.59	0.00	51	38	61	27	1	9
16	132	29.87	0.00	67	55	66	31	0	5	174	29.55	0.00	66	58	76	25	3	13	350	29.61	0.00	54	28	36	28	7	16
19	56	29.83	0.00	61	56	85	28	0	0	62	29.62	0.00	56	46	69	29	6	17	134	29.66	0.00	51	29	43	26	5	17
22	0	29.77	0.00	59	54	84	15	0	0	0	29.66	0.00	51	44	77	29	0	7	0	29.70	0.00	44	26	48	25	5	16
MAY 13									MAY 14									MAY 15									
01	0	29.70	0.00	41	29	62	25	7	22	0	30.01	0.00	40	34	77	26	0	0	0	29.99	0.00	34	27	75	19	0	0
04	0	29.73	0.00	38	25	58	25	3	12	0	30.02	0.00	32	28	86	05	0	0	0	29.97	0.00	33	26	76	19	0	0
07	63	29.77	0.00	39	27	63	24	3	12	90	30.07	0.00	34	31	89	05	0	0	46	29.95	0.00	38	28	68	22	0	2
10	294	29.83	0.00	41	29	61	27	3	19	193	30.06	0.00	46	28	49	18	0	4	710	29.86	0.00	54	31	41	20	5	11
13	095	29.87	0.00	47	30	50	26	5	14	956	30.04	0.00	53	27	37	29	4	10	868	29.71	0.00	64	35	35	19	5	15
16	213	29.90	0.00	47	27	45	23	2	13	659	30.00	0.00	55	25	31	01	2	13	25	29.61	0.04	49	44	83	21	3	12
19	193	29.93	0.00	45	33	61	27	1	9	128	29.97	0.00	54	26	34	32	0	3	47	29.53	0.00	51	46	81	20	3	17
22	0	29.99	0.00	39	33	78	18	0	0	0	30.00	0.00	37	28	72	06	0	0	0	29.60	0.00	53	47	79	20	0	5
MAY 16									MAY 17									MAY 18									
01	0	29.58	0.00	52	48	84	20	1	6	0	29.88	0.00	46	37	72	28	0	8	0	30.18	0.00	41	38	89	03	0	0
04	0	29.57	0.00	49	45	86	20	0	6	0	29.91	0.00	45	39	80	31	0	4	0	30.20	0.00	40	37	88	22	0	0
07	39	29.59	0.00	51	43	74	21	1	10	77	29.99	0.00	46	40	81	32	2	11	37	30.25	0.00	43	41	94	22	0	0
10	687	29.60	0.00	63	42	47	25	7	16	782	30.05	0.00	53	41	64	29	0	7	689	30.26	0.00	62	41	47	17	0	0
13	935	29.58	0.00	72	37	28	29	11	23	018	30.07	0.00	60	40	48	01	2	8	909	30.23	0.00	68	37	32	30	1	6
16	323	29.65	0.00	60	44	54	32	1	14	341	30.09	0.00	61	41	47	31	0	8	650	30.19	0.00	70	35	28	30	0	6
19	25	29.74	0.00	54	41	60	31	0	7	98	30.10	0.00	61	42	50	03	0	0	67	30.19	0.00	65	39	38	30	0	0
22	0	29.83	0.00	51	39	64	32	5	13	0	30.16	0.00	45	39	78	03	0	0	0	30.20	0.00	51	39	64	30	0	0

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.39	0.70	0.84	1.03	1.24	1.28	1.32	1.33	1.35	1.36	1.36	1.37
Ended: Date	22	22	22	22	22	22	22	22	22	22	22	22
Ended: Time	1747	1750	1755	1800	1804	1807	1807	1832	1836	1856	1856	1807

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

May 2013: Westford

Hour	MAY 19									MAY 20									MAY 21								
	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust
01	0	30.19	0.00	47	38	71	06	0	0	0	30.00	0.00	55	53	93	20	5	18	0	29.91	0.00	54	53	95	16	0	0
04	0	30.21	0.00	52	40	63	20	0	6	0	29.94	0.00	56	52	89	21	4	20	0	29.83	0.00	56	54	95	09	0	0
07	72	30.22	0.00	47	42	83	20	0	0	40	29.95	0.00	57	54	90	22	5	13	62	29.81	0.00	58	57	96	04	0	0
10	408	30.22	0.00	63	49	60	24	0	6	63	29.98	0.00	57	55	93	21	7	14	102	29.86	0.00	62	60	96	28	4	8
13	279	30.18	0.00	66	51	57	21	0	10	74	29.97	0.00	60	57	89	23	0	0	615	29.91	0.00	60	56	87	29	2	8
16	105	30.16	0.00	60	52	75	19	2	11	306	29.95	0.00	67	59	74	29	2	9	485	29.87	0.00	65	58	78	28	1	8
19	18	30.12	0.00	55	52	87	18	0	3	128	29.94	0.00	67	58	74	02	0	0	26	29.82	0.00	63	57	80	02	1	7
22	0	30.07	0.00	55	53	93	21	3	11	0	29.94	0.00	54	52	91	02	0	0	0	29.76	0.00	57	55	93	16	0	0
MAY 22									MAY 23									MAY 24									
01	0	29.76	0.65	57	56	96	19	4	11	0	29.68	0.00	68	65	90	27	1	11	0	29.68	0.00	58	57	96	28	0	13
04	0	29.75	0.00	56	55	96	19	0	7	0	29.68	0.00	65	64	94	20	0	0	0	29.68	0.00	51	50	96	29	0	5
07	44	29.79	0.00	59	57	96	18	1	6	23	29.69	0.00	65	63	95	19	0	8	9	29.73	0.05	46	44	96	03	3	11
10	383	29.78	0.00	65	64	95	23	2	6	169	29.70	0.00	66	62	86	23	0	9	83	29.83	0.04	44	43	96	00	1	7
13	578	29.77	0.00	73	65	76	19	2	11	575	29.69	0.00	69	66	92	21	2	14	84	29.89	0.04	44	43	95	33	1	11
16	255	29.73	0.00	71	67	90	21	2	7	88	29.65	0.00	74	63	69	26	3	18	192	29.93	0.00	44	43	95	05	0	11
19	18	29.73	0.00	64	62	92	17	0	11	19	29.66	0.00	61	59	94	20	1	5	19	29.97	0.09	43	42	95	32	0	10
22	0	29.70	0.00	63	62	96	21	0	5	0	29.68	0.00	61	59	96	14	0	0	0	29.99	0.07	43	42	95	01	0	7
MAY 25									MAY 26									MAY 27									
01	0	29.99	0.04	43	42	95	34	0	10	0	29.87	0.17	40	38	95	02	6	21	0	30.03	0.00	40	39	95	19	0	2
04	0	29.95	0.07	42	40	95	01	3	16	0	29.84	0.00	39	38	95	01	2	8	0	30.04	0.00	39	38	95	20	0	5
07	37	29.96	0.08	42	40	95	02	1	15	40	29.86	0.00	39	38	95	34	1	13	62	30.11	0.00	41	39	93	21	0	2
10	63	29.95	0.07	42	40	95	02	2	16	279	29.90	0.05	41	40	95	33	1	9	707	30.14	0.00	53	41	62	29	2	10
13	113	29.98	0.07	40	38	94	00	1	15	121	29.94	0.00	44	42	94	32	1	8	907	30.11	0.00	61	37	40	03	1	8
16	218	29.96	0.07	40	38	95	00	1	16	148	29.99	0.00	46	42	89	19	0	1	671	30.09	0.00	65	42	44	30	0	6
19	14	29.94	0.00	40	38	95	00	3	18	142	30.04	0.00	47	43	86	01	0	2	163	30.09	0.00	63	38	40	32	0	2
22	0	29.92	0.06	39	37	95	01	0	13	0	30.05	0.00	38	36	91	07	0	0	0	30.11	0.00	46	37	69	28	0	0
MAY 28									MAY 29									MAY 30									
01	0	30.15	0.00	42	37	81	28	0	0	0	30.03	0.00	55	46	71	20	0	2	0	29.93	0.00	64	62	96	21	4	9
04	0	30.15	0.00	40	35	83	22	0	0	0	30.00	0.00	55	48	76	22	1	5	0	29.96	0.00	62	61	96	21	2	6
07	56	30.18	0.00	43	41	91	22	0	0	27	29.98	0.02	55	53	91	20	1	7	113	29.99	0.00	63	61	96	21	1	7
10	726	30.17	0.00	64	43	46	15	0	5	105	29.96	0.01	56	54	92	20	0	3	677	30.01	0.00	72	64	76	25	5	11
13	837	30.14	0.00	69	42	38	24	1	12	278	29.94	0.00	63	59	87	20	3	9	879	30.00	0.00	78	65	64	27	2	9
16	615	30.09	0.00	72	45	38	21	0	7	205	29.89	0.00	66	60	81	20	1	9	650	29.98	0.00	83	64	52	30	0	8
19	149	30.06	0.00	68	42	38	22	1	8	179	29.86	0.00	67	61	81	22	5	15	148	29.97	0.00	78	65	64	35	0	0
22	0	30.06	0.00	55	45	70	22	0	0	0	29.88	0.00	63	61	93	20	3	7	0	29.99	0.00	63	59	87	01	0	0
MAY 31																											
01	0	30.00	0.00	67	61	81	24	3	8																		
04	0	29.99	0.00	65	59	82	20	0	6																		
07	81	30.00	0.00	68	61	78	21	1	9																		
10	360	29.99	0.00	76	66	72	25	0	6																		
13	902	29.94	0.00	86	69	58	24	0	7																		
16	649	29.87	0.00	88	69	54	22	2	9																		
19	156	29.83	0.00	85	66	52	20	2	10																		
22	0	29.87	0.00	73	56	56	26	0	1																		

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

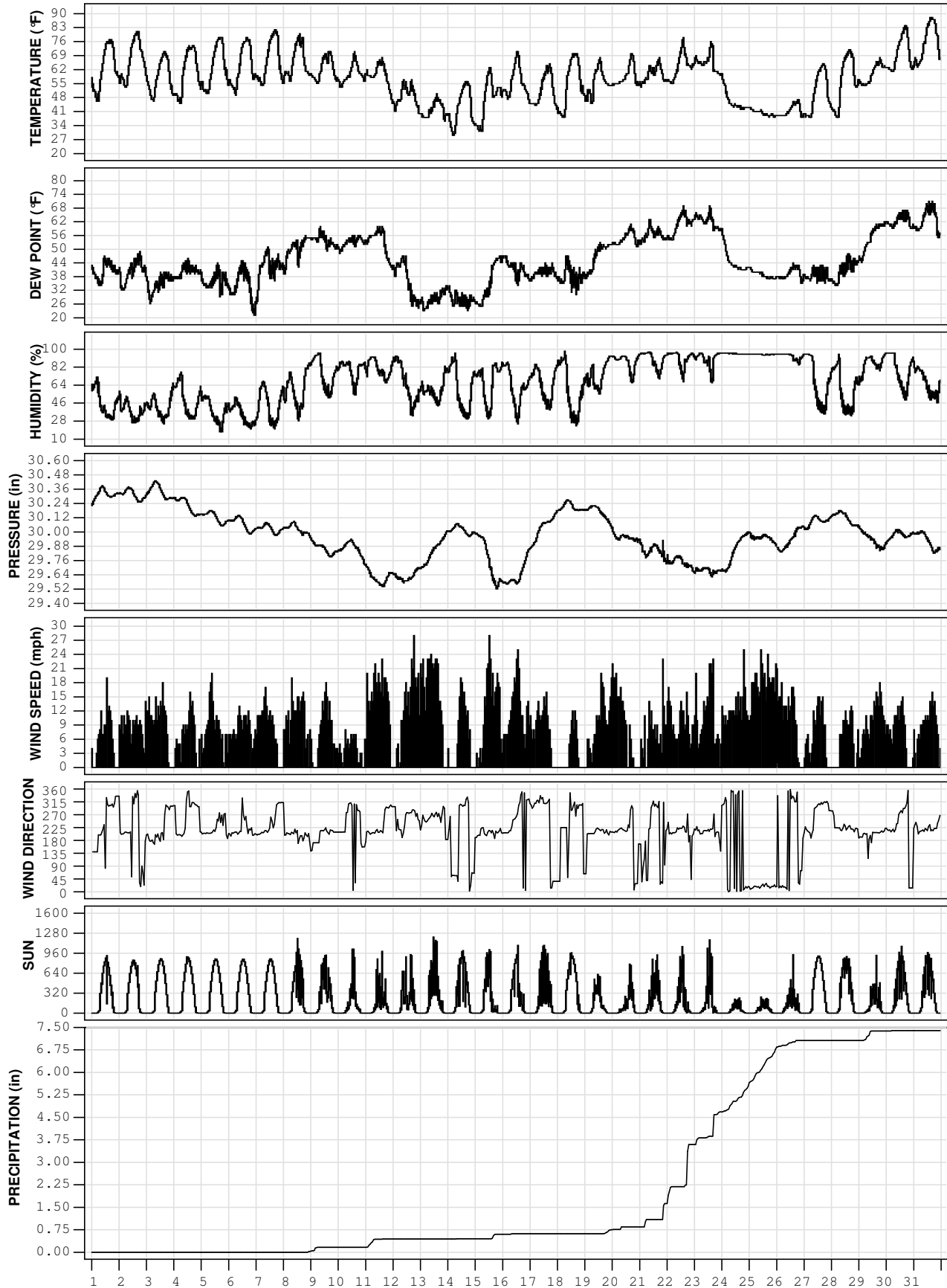
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01	0	29.976	52	44	75	1.2	22	0.7
04	0	29.970	50	43	79	1.0	21	0.7
07	48	29.994	51	45	80	1.2	22	0.8
10	453	30.003	60	47	65	2.0	24	1.6
13	641	29.982	65	46	55	2.2	26	1.6
16	425	29.953	66	47	55	1.7	26	1.1
19	87	29.949	63	46	60	1.0	26	0.6
22	0	29.966	54	44	72	0.5	26	0.4

HOURLY PRECIPITATION (Water Equivalent) May 2013: Westford

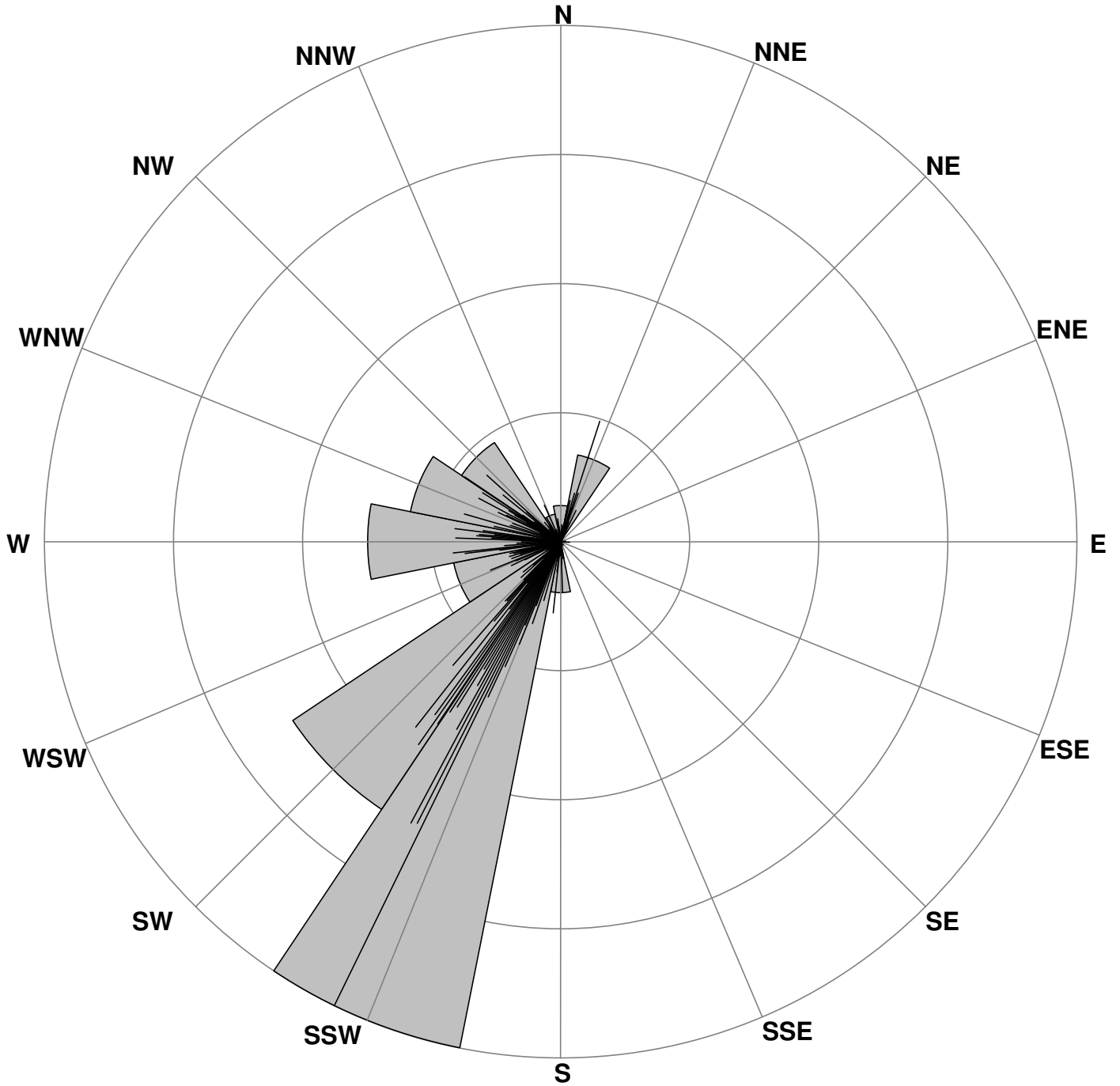
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03																									03
04																									04
05																									05
06																									06
07																									07
08																									08
09	0.01	0.01	0.01	0.08	0.01	0.01															0.02			0.01	09
10																									10
11		0.02	0.05	0.04	0.05	0.02	0.07	0.02							0.01										11
12																									12
13																									13
14								0.01																	14
15															0.01	0.09	0.04	0.01							15
16								0.01																	16
17																									17
18																									18
19																	0.01	0.02	0.02	0.02	0.04	0.02	0.01		19
20	0.01							0.08																	20
21					0.18	0.07															0.47	0.06			21
22	0.28	0.11	0.15	0.03											0.05		1.12	0.23							22
23		0.16	0.04	0.02							0.02	0.02	0.02	0.06	0.04	0.02	0.71	0.01	0.01	0.05	0.03				23
24	0.01	0.02	0.02	0.02	0.02	0.02	0.11	0.04	0.04	0.07	0.02	0.02	0.02	0.06	0.04	0.02	0.06	0.10	0.06	0.03	0.04	0.07	0.12		24
25	0.04	0.02	0.02	0.06	0.08	0.08	0.04		0.02	0.06	0.04	0.08	0.06	0.08	0.06	0.06	0.02	0.02	0.02	0.08	0.06	0.10	0.07	0.12	25
26		0.03		0.01	0.02				0.01	0.04	0.03		0.01	0.02			0.05								26
27																									27
28																									28
29					0.02	0.02	0.09	0.02	0.02	0.13	0.02														29
30					0.01																				30
31																									31
Sum	0.35	0.37	0.27	0.26	0.39	0.22	0.31	0.18	0.09	0.30	0.11	0.10	0.11	0.16	0.12	0.22	0.83	1.24	0.37	0.11	0.67	0.23	0.18	0.20	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 May 2013: Westford



**Wind Rose: May 2013
Westford**



**Maximum direction of wind: 59.7 miles from 206°
Maximum sector of wind: 330.0 miles from SSW
1036.6 total miles of wind**