

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

April 2012

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	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	43.9	24.9	34.4*	35.6	22	60	30	0	.....	0	0.00	0.0	29.86	29.64	29.739	0.4	0.3	219	7	SSW	5	255	90
2	45.9	29.0	37.5	36.6	23	62	27	0	.2.....	0	0.02	T	29.84	29.65	29.766	2.7	2.7	336	24	NW	15	320	218	
3	50.1	27.1	38.6	37.9	15	40	26	0	.....	0	0.00	0.0	29.92	29.70	29.835	2.0	1.9	334	21	WNW	11	309	234
4	51.0	35.3	43.1	41.5	25	53	22	0	.....	0	0.01	0.0	29.72	29.50	29.597	3.7	3.3	315	24	NNW	13	292	127
5	39.9	30.7	35.3	35.6	24	62	29	0	.....	0	0.02	T	29.88	29.66	29.799	3.7	3.6	321	20	WNW	12	291	83
6	46.0	30.5	38.3	37.4	19	48	26	0	.....	0	0.00	0.0	30.00	29.87	29.955	3.1	3.0	335	23	NNW	12	310	228
7	46.0	31.4	38.7	39.1	20	47	26	0	.....	0	0.00	0.0	30.05	29.98	30.012	1.9	1.8	346	20	NW	11	316	169
8	49.1	34.9	42.0	42.0	26	54	23	0	.....	0	T	T	29.98	29.46	29.736	2.1	1.7	303	21	NW	12	311	101
9	45.4	37.3	41.4	41.0	34	77	24	0	.....	0	0.41	0.0	29.51	29.37	29.415	6.6	6.6	250	25	W	14	253	39
10	45.4	37.1	41.3	39.5	36	86	24	0	.....	0	0.62	0.0	29.70	29.47	29.551	2.4	2.2	233	14	WSW	8	210	65
11	51.7	34.5	43.1	40.7	35	80	21	0	.....	0	0.04	0.0	29.93	29.70	29.811	0.5	0.2	314	12	N	6	21	113
12	54.5	35.5	45.0	42.0	33	73	19	0	.....	0	0.01	0.0	30.07	29.92	30.004	1.4	1.3	337	18	NW	12	317	197
13	59.5	31.0	45.3	47.0	28	51	19	0	.....	0	0.00	0.0	30.14	30.01	30.071	1.9	1.5	298	17	W	11	286	256
14	64.9	36.5	50.7	51.7	27	41	14	0	.....	0	0.00	0.0	30.08	29.89	29.991	2.4	2.2	247	15	W	10	279	218
15	71.2	52.7	61.9	61.0	44	53	3	0	.....	0	0.00	0.0	29.90	29.81	29.857	2.9	2.8	219	22	S	13	196	199
16	83.8*	60.2	72.0*	72.0	55	57	0	7	.....	0	0.00	0.0	29.88	29.68	29.789	6.3	6.2	210	28	SSW	15	215	206
17	72.7	40.5	56.6	56.8	37	49	8	0	.....	0	0.02	0.0	30.21	29.75	30.011	7.0	6.7	281	26	SW	17	298	248
18	54.1	30.1	42.1	41.7	26	55	23	0	.....	0	0.00	0.0	30.30	30.07	30.197	1.1	1.0	329	14	WNW	7	274	269
19	69.1	32.5	50.8	53.0	33	49	14	0	.....	0	0.00	0.0	30.08	29.84	29.954	3.4	3.3	209	18	S	10	231	244
20	72.8	44.5	58.7	54.8	43	64	6	0	.....	0	0.00	0.0	29.91	29.68	29.818	0.9	0.6	253	18	S	10	209	166
21	59.6	35.9	47.8	47.7	42	82	17	0	.....	0	0.35	0.0	29.86	29.63	29.731	3.4	1.8	222	25	SSE	15	202	43
22	39.4	31.9	35.7	35.3	33	91	29	0	.....	0	0.34	0.0	29.95	29.77	29.887	1.6	1.5	19	18	NNE	8	24	50
23	55.8	35.4	45.6	44.7	42	91	19	0	.....	0	0.87	0.0	29.77	29.17	29.346	1.1	0.5	349	16	SSW	8	198	106
24	48.9	37.7	43.3	43.6	36	74	21	0	.....	0	0.25	0.0	29.55	29.19	29.331	6.0	6.0	205	26	SSW	16	212	170
25	48.2	38.2	43.2	41.8	33	71	22	0	.....	0	0.07	0.0	29.85	29.55	29.691	2.7	2.5	219	19	SSW	10	234	127
26	55.4	33.4	44.4	44.2	35	72	21	0	.....	0	0.59	0.0	29.85	29.50	29.717	1.8	1.8	211	19	SW	11	210	149
27	45.5	28.8	37.1	34.5	29	80	27	0	.....	0	0.27	T	30.07	29.50	29.769	7.8	7.7	308	27	WNW	17	294	61
28	45.9	27.0	36.5	34.9	19	54	28	0	.....	0	0.00	0.0	30.16	30.06	30.104	4.6	4.5	314	22	W	15	302	273
29	47.2	29.5	38.4	38.6	17	43	26	0	.....	0	0.00	0.0	30.24	30.06	30.121	4.0	3.9	321	25	WNW	16	298	291
30	57.6	27.3	42.4	44.9	25	46	22	0	.....	0	0.00	0.0	30.34	30.07	30.211	0.4	0.2	343	12	NNE	6	262	249
Sum	Sum	-----	-----	---	----		Ttl	Ttl	Number of Days				For the month:											---
1621	1041						616	7			3.89	T	30.34	29.17	29.827	3.0	1.8	277	28	SSW	17	294		
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg				
54.0	34.7	44.4	43.9	30	62.2	----	----	≥.01 inch	15	10.02	67.1	30	23	-----	----	----	---	16	27	166				
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			6211	12	Thunder	0	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	1	1.06	22-23	T	2+	0					-							
0	0	13	0	----	----	Clear	3	Partly Cloudy			12	Cloudy			15									

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/m^2 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

April 2012: 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																																																																																																																																																																																																										
APR 01																						APR 02																						APR 03																																																																																																																																																																																			
01	0	29.85	0.00	30	19	64	31	0	0	0	29.66	0.00	34	29	84	02	0	3	0	29.85	0.00	31	12	45	04	0	3	04	0	29.82	0.00	28	19	68	19	0	0	0	29.68	0.00	33	30	90	35	0	4	0	29.84	0.00	29	10	46	34	2	7	07	28	29.82	0.00	27	20	77	19	0	0	7	29.75	0.00	30	28	91	35	1	6	16	29.90	0.00	27	13	54	01	0	4	10	383	29.78	0.00	40	23	49	20	2	5	288	29.80	0.00	36	31	83	35	1	10	538	29.91	0.00	36	12	37	33	6	14	13	214	29.72	0.00	44	21	40	18	0	1	777	29.78	0.00	43	23	45	32	9	18	768	29.87	0.00	42	16	35	32	5	12	16	132	29.66	0.00	43	22	43	26	1	4	536	29.79	0.00	44	18	35	35	6	21	413	29.81	0.00	49	18	29	00	2	12	19	9	29.64	0.00	40	25	54	27	1	3	19	29.81	0.00	41	12	31	32	6	15	28	29.78	0.00	45	19	36	35	1	8	22	0	29.65	0.00	35	29	77	27	0	0	0	29.83	0.00	33	13	43	02	0	2	0	29.74	0.00	43	18	36	33	0	0
APR 04																						APR 05																						APR 06																																																																																																																																																																																			
01	0	29.71	0.00	42	22	46	29	0	4	0	29.67	0.00	36	27	72	34	0	5	0	29.88	0.00	36	20	53	32	1	6	04	0	29.65	0.00	38	22	53	29	0	2	0	29.71	0.00	33	24	68	33	2	8	0	29.91	0.00	32	20	61	04	0	2	07	18	29.61	0.00	40	20	46	25	2	8	7	29.77	0.00	32	25	77	02	2	9	19	29.94	0.00	31	18	60	03	2	9	10	429	29.57	0.00	43	21	41	30	5	9	206	29.82	0.00	34	24	67	31	9	16	366	30.00	0.00	36	20	53	34	5	13	13	877	29.53	0.00	49	28	44	34	7	19	339	29.83	0.00	37	24	59	32	6	13	789	30.00	0.00	40	20	44	32	4	16	16	26	29.52	0.00	44	31	60	33	5	19	151	29.84	0.00	38	23	54	33	6	15	547	29.96	0.00	45	21	38	32	7	16	19	0	29.58	0.00	41	30	63	31	8	20	16	29.84	0.00	40	22	49	32	7	13	25	29.95	0.00	42	17	35	34	5	13	22	0	29.63	0.00	39	28	65	31	5	12	0	29.86	0.00	38	22	51	32	1	11	0	29.99	0.00	38	19	46	34	0	1
APR 07																						APR 08																						APR 09																																																																																																																																																																																			
01	0	29.99	0.00	32	18	57	34	0	0	0	29.97	0.00	38	24	58	35	0	4	0	29.44	0.00	44	28	54	23	6	13	04	0	29.98	0.00	33	19	54	01	0	3	0	29.91	0.00	36	25	64	35	0	0	0	29.39	0.00	44	34	69	24	6	11	07	19	30.01	0.00	32	18	55	01	0	6	16	29.87	0.00	35	25	67	03	0	2	7	29.38	0.06	41	36	83	25	6	12	10	399	30.04	0.00	41	20	43	02	0	10	211	29.82	0.00	38	26	61	28	2	6	81	29.38	0.00	39	35	85	24	6	12	13	557	30.02	0.00	44	19	36	31	10	17	274	29.71	0.00	43	27	54	35	3	14	155	29.38	0.00	41	35	80	25	8	16	16	271	30.01	0.00	43	21	41	32	7	17	267	29.61	0.00	48	27	44	32	4	10	139	29.41	0.00	42	34	72	24	12	25	19	9	30.02	0.00	41	22	46	36	0	6	14	29.56	0.00	49	27	43	32	0	9	0	29.46	0.00	40	35	81	23	10	19	22	0	30.02	0.00	39	23	53	32	0	3	0	29.52	0.00	47	25	42	25	3	9	0	29.50	0.00	38	35	87	26	5	10
APR 10																						APR 11																						APR 12																																																																																																																																																																																			
01	0	29.49	0.00	37	34	88	26	3	10	0	29.71	0.00	37	34	90	22	0	3	0	29.93	0.00	38	34	85	00	0	0	04	0	29.47	0.00	38	34	85	23	3	10	0	29.71	0.00	35	33	92	21	0	1	0	29.93	0.00	36	33	88	36	0	0	07	26	29.48	0.00	38	34	85	21	5	9	19	29.77	0.00	36	34	93	20	0	0	35	29.99	0.00	36	33	88	34	0	3	10	167	29.51	0.00	41	37	84	21	5	12	302	29.83	0.00	40	37	88	20	0	0	496	30.03	0.00	41	34	75	32	4	8	13	190	29.52	0.00	44	37	77	21	4	10	308	29.83	0.00	45	35	69	33	1	10	800	30.02	0.00	51	35	56	35	4	10	16	65	29.56	0.00	41	37	85	26	1	6	174	29.83	0.00	47	36	64	35	3	8	169	30.00	0.00	50	32	50	33	3	11	19	5	29.64	0.00	40	37	88	22	0	0	28	29.87	0.00	47	34	61	04	3	11	47	30.03	0.00	48	34	59	06	0	0	22	0	29.91	0.00	39	34	84	00	0	0	0	29.91	0.00	39	34	84	00	0	0	0	30.06	0.00	38	32	80	31	0	0
APR 13																						APR 14																						APR 15																																																																																																																																																																																			
01	0	30.07	0.00	37	30	75	18	0	0	0	30.04	0.00	45	27	50	25	2	8	0	29.88	0.00	53	29	39	21	1	6	04	0	30.07	0.00	33	26	76	21	0	0	0	30.03	0.00	40	27	59	20	2	6	0	29.85	0.00	56	32	40	22	3	7	07	30	30.11	0.00	36	29	75	21	0	0	35	30.06	0.00	39	27	61	20	2	7	39	29.87	0.00	54	36	50	20	1	6	10	564	30.14	0.00	48	30	49	30	1	7	577	30.07	0.00	54	28	37	20	4	11	564	29.89	0.00	62	44	53	17	5	10	13	795	30.09	0.00	55	25	32	29	4	17	838	29.99	0.00	62	29	29	15	1	6	854	29.82	0.00	68	49	52	18	7	16	16	564	30.03	0.00	58	26	29	31	4	12	211	29.93	0.00	62	25	24	23	1	8	285	29.81	0.00	69	51	52	24	7	12	19	25	30.03	0.00	54	25	33	30	0	7	25	29.92	0.00	58	24	27	26	0	0	16	29.85	0.00	65	52	62	21	0	4	22	0	30.04	0.00	49	27	43	25	3	8	0	29.90	0.00	52	31	44	26	0	0	0	29.89	0.00	62	52	70	20	0	7
APR 16																						APR 17																						APR 18																																																																																																																																																																																			
01	0	29.88	0.00	61	53	74	18	2	9	0	29.79	0.00	67	56	69	26	10	17	0	30.22	0.00	39	24	54	30	2	6	04	0	29.85	0.00	60	55	82	20	5	11	0	29.87	0.00	61	46	59	25	9	23	0	30.24	0.00	34	24	67	30	4	12	07	53	29.86	0.00	62	56	82	21	2	9	33	29.98	0.00	52	38	58	27	6	10	26	30.28	0.00	31	23	72	04	0	4	10	545	29.84	0.00	72	58	61	21	7	18	584	30.05	0.00	56	35	45	27	10	17	603	30.29	0.00	41	24	51	00	2	7	13	612	29.80	0.00	79	56	46	20	10	23	563	30.02	0.00	62	35	37	28	7	18	786	30.22	0.00	47	28	47	32	0	6	16	322	29.74	0.00	80	56	44	19	7	18	578	30.04	0.00	63	37	37	28	10	20	587	30.16	0.00	54	31	42	32	1	6	19	25	29.69	0.00	81	53	38	20	4	11	54	30.09	0.00	54	30	39	28	5	18	47	30.11	0.00	52	29	41	31	0	1	22	0	29.69	0.00	78	50	38	21	7	13	0	30.19	0.00	44	28	54	32	1	9	0	30.09	0.00	38	27	66	31	0	0

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.03	0.06	0.07	0.08	0.10	0.13	0.16	0.19	0.24	0.29	0.34	0.38
Ended: Date	10	23	23	23	23	23	23	23	23	23	23	23
Ended: Time	1456	0856	0856	0856	0859	0902	0319	0317	0313	0317	0331	0331

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

April 2012: Westford

Hour	APR 19									APR 20									APR 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	30.07	0.00	34	27	77	16	0	1	0	29.88	0.00	54	39	58	20	0	5	0	29.67	0.00	59	49	70	20	9	20
04	0	30.03	0.00	36	27	71	16	0	1	0	29.88	0.00	48	39	70	20	0	0	0	29.64	0.00	57	47	69	20	9	22
07	32	30.03	0.00	38	28	66	19	1	6	40	29.88	0.00	46	40	81	32	0	0	44	29.66	0.00	55	49	79	21	6	10
10	585	30.00	0.00	54	32	42	21	8	13	306	29.90	0.00	53	40	62	30	0	2	179	29.69	0.00	49	43	80	30	1	4
13	979	29.94	0.00	64	31	29	20	7	14	204	29.85	0.00	56	41	58	29	0	5	33	29.73	0.00	43	39	85	00	1	7
16	485	29.86	0.00	68	37	33	22	6	14	225	29.76	0.00	65	47	52	07	0	1	65	29.76	0.00	42	39	90	03	1	4
19	39	29.85	0.00	65	37	36	22	3	15	81	29.72	0.00	59	46	62	30	0	6	0	29.81	0.00	40	37	92	01	0	7
22	0	29.89	0.00	59	39	48	25	5	11	0	29.71	0.00	47	43	84	30	0	0	0	29.84	0.00	38	35	92	34	1	9
APR 22									APR 23									APR 24									
01	0	29.85	0.13	35	33	93	02	0	4	0	29.73	0.11	36	34	93	02	1	7	0	29.21	0.00	46	42	86	20	2	9
04	0	29.84	0.00	32	30	93	33	0	5	0	29.50	0.06	36	34	94	05	1	9	0	29.21	0.00	42	39	89	20	3	9
07	16	29.87	0.00	32	30	94	00	1	6	16	29.39	0.00	38	37	95	05	0	3	16	29.22	0.00	38	35	88	19	7	17
10	109	29.92	0.00	33	32	94	03	3	15	76	29.34	0.00	41	40	95	02	0	4	323	29.27	0.00	42	34	73	19	7	18
13	167	29.93	0.00	37	35	93	09	1	6	580	29.27	0.00	54	49	83	35	2	5	285	29.32	0.00	47	35	63	21	12	21
16	163	29.92	0.00	39	34	83	00	4	15	299	29.22	0.00	54	48	81	31	1	5	241	29.38	0.00	46	35	64	20	7	21
19	5	29.91	0.00	37	33	85	00	1	9	7	29.19	0.00	53	48	85	05	0	0	58	29.44	0.00	46	33	60	21	5	10
22	0	29.87	0.04	36	34	91	01	2	9	0	29.22	0.00	46	44	93	20	3	8	0	29.52	0.00	43	34	69	20	1	11
APR 25									APR 26									APR 27									
01	0	29.56	0.00	40	33	75	20	2	7	0	29.84	0.00	40	32	75	26	0	2	0	29.51	0.05	45	44	94	29	2	7
04	0	29.58	0.00	40	31	71	21	4	13	0	29.83	0.00	36	31	82	26	1	3	0	29.57	0.00	38	35	89	31	7	18
07	72	29.62	0.00	40	32	73	20	6	11	42	29.84	0.00	34	31	87	26	0	2	7	29.63	0.00	34	31	88	31	7	17
10	315	29.67	0.00	44	33	66	23	7	18	510	29.84	0.00	46	34	63	22	6	16	128	29.71	0.00	33	26	76	30	11	26
13	98	29.71	0.00	39	32	76	26	6	12	701	29.73	0.00	54	32	42	21	4	12	380	29.79	0.00	33	28	81	29	11	20
16	107	29.73	0.00	46	32	57	28	8	14	37	29.65	0.00	53	31	44	22	4	10	84	29.87	0.00	33	25	73	30	7	15
19	9	29.78	0.00	43	33	69	32	1	10	0	29.56	0.10	45	41	85	17	0	2	14	29.95	0.00	32	23	69	29	12	24
22	0	29.83	0.00	40	32	72	30	0	3	0	29.53	0.10	45	43	93	16	0	7	0	30.03	0.00	30	23	75	32	4	17
APR 28									APR 29									APR 30									
01	0	30.08	0.00	28	20	72	30	7	18	0	30.09	0.00	33	17	51	27	0	4	0	30.24	0.00	36	17	46	00	4	12
04	0	30.07	0.00	28	19	68	31	5	14	0	30.07	0.00	31	20	63	27	0	5	0	30.25	0.00	33	18	55	03	0	0
07	39	30.13	0.00	27	19	71	30	6	13	77	30.08	0.00	33	21	60	29	2	11	32	30.30	0.00	31	18	59	03	0	0
10	478	30.16	0.00	34	22	62	30	6	20	715	30.11	0.00	39	17	41	32	9	23	645	30.32	0.00	45	23	41	03	1	4
13	853	30.13	0.00	40	19	43	30	10	18	860	30.10	0.00	43	15	32	32	8	23	844	30.24	0.00	53	26	35	08	0	7
16	613	30.08	0.00	45	18	34	29	5	15	621	30.12	0.00	47	15	28	33	10	20	533	30.16	0.00	56	31	38	29	1	9
19	81	30.08	0.00	42	16	35	31	4	10	83	30.15	0.00	44	14	29	32	7	19	32	30.14	0.00	51	34	52	30	0	0
22	0	30.11	0.00	36	16	43	29	1	6	0	30.21	0.00	37	15	40	33	0	3	0	30.07	0.00	50	31	48	19	0	4

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

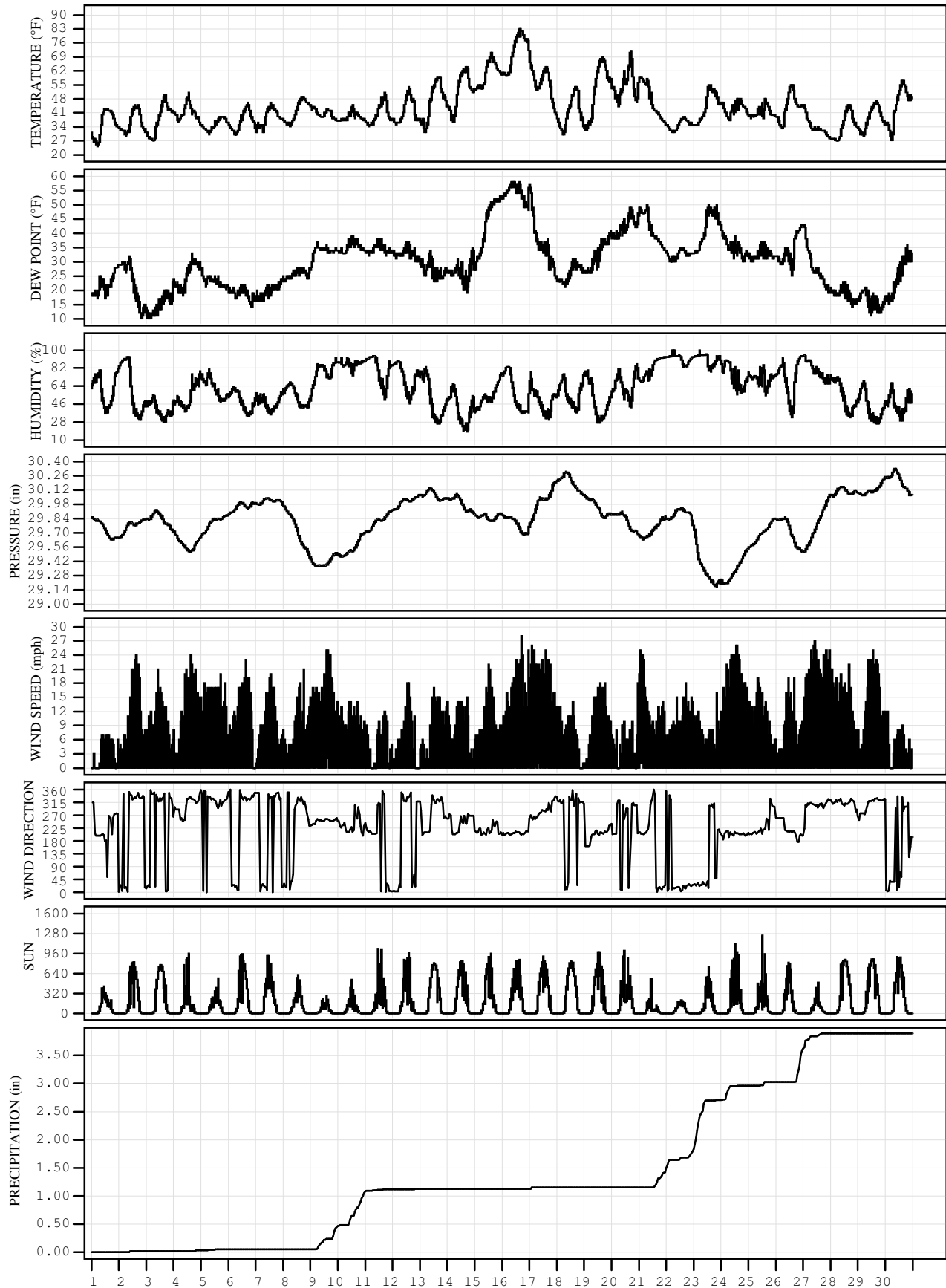
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01	0	29.825	41	30	68	1.9	26	1.2
04	0	29.813	38	29	71	2.1	25	1.4
07	29	29.837	37	29	74	2.2	25	1.3
10	389	29.856	44	31	62	4.4	28	2.5
13	549	29.830	49	31	53	5.1	28	3.1
16	297	29.807	50	31	51	4.7	29	3.0
19	27	29.814	48	31	55	2.8	30	1.9
22	0	29.840	43	30	63	1.4	27	1.0

HOURLY PRECIPITATION (Water Equivalent)
April 2012: Westford

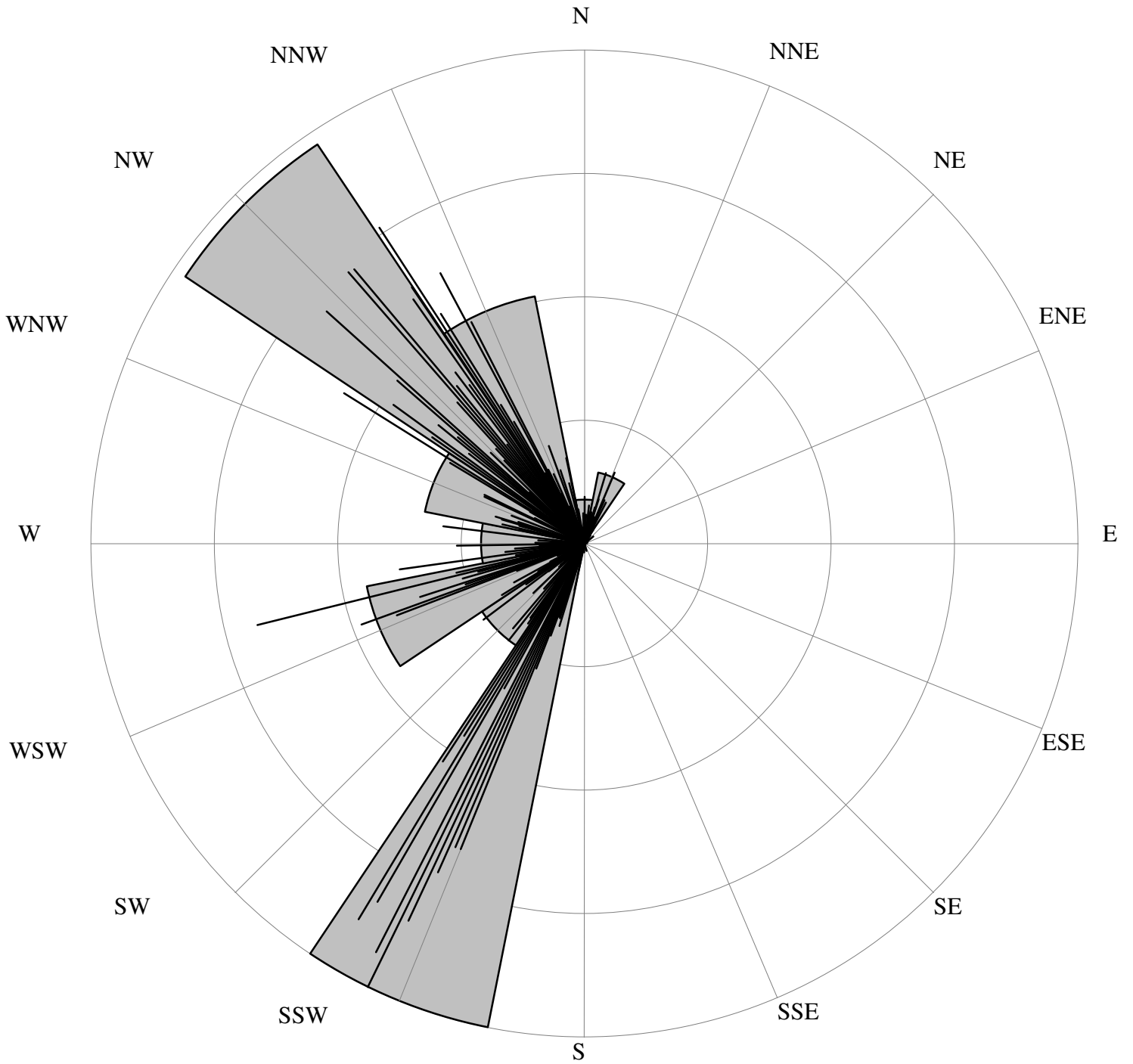
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02										0.02														02	
03																								03	
04																			0.01					04	
05							0.01					0.01												05	
06																								06	
07																								07	
08																								08	
09						0.01	0.04	0.03	0.02	0.02	0.02	0.03		0.02					0.04	0.10	0.04	0.03	0.01	09	
10		0.02								0.04	0.06	0.06		0.01	0.07	0.04	0.03	0.01	0.06	0.04	0.06	0.04	0.05	0.03	10
11	0.01								0.01			0.01				0.01									11
12																				0.01					12
13																									13
14																									14
15																									15
16																									16
17		0.02																							17
18																									18
19																									19
20																									20
21																									21
22	0.06	0.06	0.02									0.02	0.02	0.03	0.03	0.04	0.06		0.02	0.03	0.04	0.01	0.01	0.08	22
23	0.07	0.13	0.13	0.10	0.12	0.06	0.04	0.02	0.13	0.05	0.01									0.02	0.03	0.03	0.03	0.05	23
24		0.01		0.01	0.09	0.06	0.04	0.03							0.01					0.01					24
25											0.01					0.06									25
26																									26
27	0.03	0.12		0.01		0.05	0.01						0.01	0.02	0.01	0.01		0.01	0.12	0.09	0.10	0.15	0.10	0.02	27
28																									28
29																									29
30																									30
Sum	0.17	0.36	0.15	0.12	0.21	0.18	0.15	0.08	0.15	0.13	0.11	0.11	0.04	0.14	0.12	0.10	0.09	0.02	0.20	0.25	0.33	0.27	0.22	0.19	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
April 2012: Westford



Wind Rose: April 2012
Westford



Maximum direction of wind: 60.2 miles from 206°
Maximum sector of wind: 541.8 miles from SSW
2151.8 total miles of wind