

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

April 2015

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
1	2	3	4A	4B	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	35.0	15.6	25.3	25.8	10	51	39	0	.....	3	0.00	0.0	30.14	29.84	30.021	1.0	0.9	330	15	WNW	8	298	230
2	55.3	20.5	37.9	39.1	20	47	27	0	.....	2	0.00	0.0	30.14	29.62	29.923	5.3	5.3	203	32	S	16	216	148
3	62.9	41.6	52.3	50.3	37	63	12	0	.....	1	0.02	0.0	29.73	29.61	29.670	2.4	2.1	242	29	SSW	15	211	219
4	42.8	24.0	33.4	30.7	23	76	31	0	.....	1	0.46	1.0	29.97	29.50	29.749	3.0	2.9	331	24	N	13	304	109
5	35.7	23.2	29.5	29.1	18	64	35	0	.....	T	0.00	0.0	30.21	29.92	30.035	2.0	1.8	300	24	WNW	15	306	228
6	35.9	21.9	28.9	29.2	26	88	36	0	.....	T	0.07	0.8	30.30	30.18	30.237	0.8	0.7	206	19	SSW	11	215	67
7	42.8	25.5	34.1	33.7	26	76	30	0	.....	T	0.13	0.0	30.39	30.20	30.309	0.5	0.5	341	12	NW	6	318	211
8	43.7	23.5	33.6	33.0	18	57	31	0	.....	2	0.00	1.8	30.43	30.27	30.359	0.9	0.7	179	18	S	11	201	144
9	41.0	28.8	34.9	34.3	29	83	30	0	.....	T	0.27	0.4	30.30	30.00	30.227	3.6	3.6	184	27	S	12	187	131
10	50.3	34.0	42.1	42.6	40	90	23	0	.....	T	0.22	0.0	30.00	29.48	29.688	7.7	7.4	207	38	SSW	20	211	89
11	47.4	35.1	41.3	40.1	29	65	24	0	.....	0	T	T	30.07	29.61	29.816	5.7	5.3	278	30	WSW	16	294	100
12	64.3	32.2	48.3	48.0	29	50	17	0	.....	0	0.00	0.0	30.19	30.07	30.145	2.6	2.4	237	18	WSW	9	227	254
13	72.8	39.7	56.3	58.6	35	43	8	0	.....	0	0.00	0.0	30.21	29.79	30.055	5.4	5.4	205	38	S	19	219	245
14	61.6	39.4	50.5	51.9	34	55	14	0	.....	0	0.18	0.0	30.08	29.81	30.004	5.0	4.5	272	35	SSW	19	210	232
15	54.9	34.6	44.8	45.7	23	42	20	0	.....	0	0.00	0.0	30.37	30.04	30.192	1.7	1.6	330	22	WNW	14	305	264
16	64.8	28.5	46.7	49.0	20	35	18	0	.....	0	0.00	0.0	30.42	30.04	30.274	2.7	2.7	209	23	S	11	213	251
17	65.4	43.3	54.4	53.2	41	66	11	0	.....	0	0.25	0.0	30.04	29.77	29.874	3.4	3.0	231	23	SSW	12	200	173
18	62.8	37.1	49.9	46.8	35	64	15	0	.....	0	0.04	0.0	30.14	29.76	29.915	1.1	0.4	303	23	W	11	204	198
19	54.5	35.1	44.8	43.4	30	61	20	0	.....	0	0.00	0.0	30.28	30.06	30.186	0.8	0.7	331	15	NNW	9	287	264
20	50.8	37.7	44.3	45.8	35	67	20	0	.....	0	0.22	0.0	30.07	29.63	29.849	4.3	4.3	181	31	S	14	189	99
21	51.8	39.6	45.7	46.7	42	84	19	0	.....	0	0.50	0.0	29.67	29.47	29.561	2.2	1.7	219	19	SSW	10	205	92
22	52.5	35.5	44.0	42.7	38	83	20	0	.....	0	0.50	0.0	29.67	29.50	29.581	2.1	2.0	208	23	SW	11	202	86
23	43.6	32.3	37.9	37.1	28	73	27	0	.....	T	0.02	0.1	29.65	29.48	29.553	4.2	4.1	271	25	W	14	297	171
24	34.5	30.4	32.4	32.6	26	78	32	0	.....	T	0.10	1.1	29.82	29.65	29.749	3.1	3.1	309	21	WNW	14	297	56
25	45.9	29.9	37.9	36.8	28	71	27	0	.....	0	0.02	T	29.82	29.69	29.757	1.8	1.7	314	23	WNW	12	315	101
26	50.6	38.6	44.6	43.9	36	73	20	0	.....	0	0.02	0.0	29.70	29.63	29.662	1.0	1.0	324	15	NW	9	298	153
27	46.3	38.4	42.4	42.1	41	94	23	0	.....	0	0.17	0.0	29.75	29.62	29.673	1.5	1.3	356	23	N	10	18	49
28	58.6	37.3	47.9	47.0	39	74	17	0	.....	0	0.00	0.0	29.85	29.67	29.772	0.9	0.9	12	22	NE	8	26	160
29	60.4	40.4	50.4	49.5	38	65	15	0	.....	0	0.00	0.0	29.75	29.63	29.689	0.6	0.6	10	19	N	8	30	201
30	61.4	35.9	48.7	50.1	39	67	16	0	.....	0	0.00	0.0	29.88	29.74	29.802	0.4	0.4	332	14	WNW	8	297	183
Sum	Sum	-----	-----	---	----	Ttl	Ttl						For the month:										---	
1550	980					677	0		Number of Days	3.19	5.2	30.43	29.47	29.911	2.6	1.5	245	38	SSW	20	211			
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip	Season Ttl		Date	Date	-----	----	----	----	Date	Date	Avg				
51.7	32.7	42.2	42.0	30	66.9	----	----		≥.01 inch	17	8.08	87.3	8	21	-----	----	----	----	10+	10	163			
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	3	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			7974	0	Thunder	0	Precipitation		Snow, Ice Plts												
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.52	22-23	1.8	8	3			1							
0	0	13	0	----	----			Clear	4	Partly Cloudy		10	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 2015: Westford

Hour	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	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	29.84	0.00	25	8	47	31	0	2	0	30.13	0.00	21	12	66	24	0	0	0	29.63	0.00	51	37	59	21	6	20
04	0	29.88	0.00	21	12	66	00	0	2	0	30.12	0.00	24	10	55	20	1	5	0	29.65	0.00	47	43	84	23	4	12
07	14	29.97	0.00	17	8	67	05	0	1	18	30.12	0.00	29	10	45	19	2	10	21	29.71	0.00	44	42	91	22	0	4
10	485	30.04	0.00	26	8	46	02	1	12	62	30.07	0.00	33	11	41	20	4	11	503	29.71	0.00	51	44	77	28	0	6
13	738	30.08	0.00	29	9	43	30	4	12	436	29.91	0.00	41	22	47	19	8	13	747	29.71	0.00	59	35	41	21	2	12
16	519	30.08	0.00	33	11	39	31	4	13	508	29.76	0.00	53	29	40	19	10	24	568	29.68	0.00	63	29	28	30	3	13
19	14	30.11	0.00	31	13	47	33	0	0	19	29.72	0.00	53	30	40	19	5	18	11	29.66	0.00	49	31	51	04	0	0
22	0	30.12	0.00	24	12	59	02	0	0	0	29.65	0.00	53	32	45	20	7	18	0	29.66	0.00	44	32	61	06	0	4
APR 04									APR 05									APR 06									
01	0	29.59	0.00	40	31	70	08	0	0	0	29.95	0.00	26	8	45	22	0	1	0	30.23	0.00	26	21	82	36	0	0
04	0	29.52	0.14	38	36	94	08	0	0	0	29.94	0.00	26	21	81	26	3	8	0	30.25	0.00	24	22	92	01	0	0
07	5	29.54	0.00	31	30	95	33	7	19	35	29.99	0.00	26	20	77	26	1	12	12	30.29	0.00	22	20	92	07	0	0
10	49	29.70	0.00	25	23	93	33	10	22	635	30.05	0.00	29	15	55	30	8	20	174	30.29	0.00	31	24	74	18	4	8
13	153	29.82	0.00	25	22	91	31	4	15	805	30.04	0.00	32	21	62	35	2	12	204	30.25	0.00	34	27	74	23	6	15
16	555	29.86	0.00	31	20	64	31	9	20	517	30.03	0.00	35	22	58	01	2	12	67	30.21	0.00	32	30	93	19	0	5
19	18	29.91	0.00	30	17	58	28	1	8	18	30.06	0.00	30	19	63	01	0	2	5	30.19	0.00	32	30	96	19	0	0
22	0	29.96	0.00	26	8	46	26	0	1	0	30.17	0.00	27	17	64	01	0	3	0	30.21	0.00	31	30	96	19	0	0
APR 07									APR 08									APR 09									
01	0	30.21	0.00	32	31	97	19	0	0	0	30.39	0.00	24	13	62	05	0	0	0	30.30	0.00	29	27	93	18	0	0
04	0	30.22	0.00	31	31	97	19	0	0	0	30.41	0.00	24	13	63	05	0	0	0	30.28	0.00	29	26	89	18	1	5
07	16	30.29	0.00	29	28	97	19	0	0	42	30.42	0.00	25	12	57	05	0	0	5	30.30	0.00	30	27	89	17	0	0
10	348	30.31	0.06	34	31	89	35	0	5	473	30.42	0.00	38	12	34	11	1	7	353	30.28	0.00	36	29	76	18	4	12
13	802	30.34	0.00	39	33	77	34	1	11	406	30.35	0.00	42	17	35	19	4	10	427	30.27	0.00	39	31	73	19	9	20
16	566	30.33	0.00	42	26	53	34	0	8	130	30.29	0.00	42	17	37	16	0	8	336	30.20	0.00	40	32	71	17	6	15
19	23	30.35	0.00	37	16	41	35	0	2	9	30.29	0.00	35	26	70	20	6	16	18	30.16	0.00	36	31	81	17	8	18
22	0	30.39	0.00	27	14	58	05	0	0	0	30.31	0.00	30	28	93	15	0	0	0	30.09	0.00	36	32	85	18	7	15
APR 10									APR 11									APR 12									
01	0	29.98	0.06	35	33	92	19	4	16	0	29.62	0.00	43	33	68	26	15	23	0	30.08	0.00	37	28	68	24	2	10
04	0	29.85	0.00	35	34	95	20	9	22	0	29.63	0.00	40	30	67	26	7	22	0	30.09	0.00	34	25	71	22	3	6
07	33	29.80	0.00	36	35	95	20	10	19	11	29.68	0.00	37	29	72	26	6	23	26	30.15	0.00	33	27	76	22	5	11
10	497	29.69	0.00	45	41	85	20	12	23	86	29.78	0.00	36	31	84	30	5	15	568	30.18	0.00	47	29	50	23	4	12
13	26	29.63	0.00	46	43	90	20	8	26	146	29.86	0.00	39	31	72	29	2	13	791	30.17	0.00	57	34	41	23	2	12
16	47	29.50	0.00	47	46	95	20	6	20	575	29.90	0.00	45	28	52	31	7	18	555	30.14	0.00	63	29	27	29	6	13
19	9	29.51	0.00	50	48	93	21	8	19	28	29.96	0.00	44	27	51	28	0	5	37	30.14	0.00	61	30	31	25	0	0
22	0	29.61	0.00	45	38	75	24	4	16	0	30.04	0.00	39	27	64	22	1	8	0	30.19	0.00	51	29	43	26	0	5
APR 13									APR 14									APR 15									
01	0	30.19	0.00	41	30	65	26	0	0	0	29.81	0.00	61	45	57	21	10	35	0	30.06	0.00	44	26	50	28	0	6
04	0	30.19	0.00	41	30	64	17	0	2	0	29.96	0.00	48	44	85	25	5	16	0	30.05	0.00	40	24	54	28	0	0
07	26	30.20	0.00	48	32	55	19	2	10	21	30.03	0.00	40	36	87	21	1	8	21	30.14	0.00	37	25	61	32	0	0
10	580	30.17	0.00	61	34	37	17	4	18	585	30.05	0.00	51	35	55	25	5	18	591	30.18	0.00	49	26	40	31	2	14
13	805	30.08	0.00	68	33	28	21	8	22	211	30.06	0.00	55	35	46	25	6	19	803	30.21	0.00	52	27	39	32	6	14
16	519	29.98	0.00	72	37	28	20	8	24	568	30.01	0.00	60	27	29	29	10	20	578	30.23	0.00	54	22	29	34	3	15
19	23	29.87	0.00	68	40	36	20	4	14	44	29.99	0.00	57	29	35	29	3	7	42	30.27	0.00	51	18	27	32	0	5
22	0	29.82	0.00	64	41	42	21	13	32	0	30.05	0.00	49	26	41	26	3	9	0	30.34	0.00	41	18	40	00	0	0
APR 16									APR 17									APR 18									
01	0	30.37	0.00	37	19	49	32	0	0	0	30.02	0.00	55	26	33	20	6	16	0	29.88	0.00	48	40	74	36	0	2
04	0	30.38	0.00	33	20	58	31	0	0	0	29.97	0.05	44	40	86	21	1	10	0	29.88	0.00	43	30	61	05	0	0
07	28	30.41	0.00	31	19	61	21	1	5	7	29.92	0.06	44	42	93	20	4	9	53	29.89	0.00	39	31	74	05	0	0
10	564	30.39	0.00	49	20	31	20	1	6	492	29.87	0.00	48	47	96	21	8	13	207	29.88	0.00	49	31	48	32	0	0
13	803	30.31	0.00	58	20	23	18	4	9	355	29.82	0.00	56	48	76	27	3	13	193	29.76	0.00	61	38	42	23	5	16
16	492	30.19	0.00	64	18	17	20	8	18	200	29.79	0.00	61	44	53	26	2	11	656	29.88	0.00	54	41	62	35	2	11
19	28	30.10	0.00	60	19	20	18	6	16	58	29.79	0.00	61	40	45	32	0	7	56	29.98	0.00	46	36	67	02	2	16
22	0	30.09	0.00	57	24	28	21	7	14	0	29.84	0.00	54	39	56	25	2	10	0	30.09	0.00	41	35	78	35	0	4

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.04	0.07	0.09	0.10	0.13	0.17	0.20	0.24	0.27	0.30	0.32	0.34
Ended: Date	09	14	14	14	20	20	20	22	22	22	22	22
Ended: Time	1040	0302	0302	0300	1002	1008	1016	1942	1942	1954	1954	1954

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 2015: 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						Direction	Speed	Gust	Direction	Speed	Gust																																						
APR 19												APR 20												APR 21																																							
01	0	30.15	0.00	39	31	74	33	3	14	0	30.05	0.00	47	23	39	15	0	4	0	29.59	0.00	49	43	79	17	3	9	0	30.00	0.00	47	33	58	17	1	9	0	29.55	0.00	48	43	83	20	4	11	0	29.48	0.06	46	44	95	17	0	4	21	29.50	0.00	48	47	96	18	2	11
04	0	30.19	0.00	36	32	83	33	1	9	0	30.00	0.00	47	33	58	17	1	9	0	29.55	0.00	48	43	83	20	4	11	0	29.48	0.06	46	44	95	17	0	4	21	29.50	0.00	48	47	96	18	2	11	100	29.50	0.00	48	47	96	18	2	11	141	29.54	0.04	47	44	91	26	1	7
07	19	30.25	0.00	36	31	83	01	0	0	42	29.98	0.00	46	31	55	14	1	14	21	29.48	0.06	46	44	95	17	0	4	25	29.92	0.40	39	35	86	16	5	10	39	29.57	0.07	47	44	88	23	3	9	258	29.57	0.07	47	44	88	23	3	9	19	29.61	0.00	50	36	58	22	1	5
10	617	30.26	0.00	43	29	57	33	3	10	25	29.92	0.40	39	35	86	16	5	10	100	29.50	0.00	48	47	96	18	2	11	271	29.81	0.00	44	36	71	18	5	15	44	29.71	0.00	47	41	79	18	8	21	62	29.61	0.00	50	36	58	22	1	5	0	29.66	0.00	41	35	80	21	1	4
13	814	30.25	0.00	48	31	50	32	3	13	271	29.81	0.00	44	36	71	18	5	15	141	29.54	0.04	47	44	91	26	1	7	174	29.75	0.00	48	38	70	17	8	19	258	29.57	0.07	47	44	88	23	3	9	0	29.66	0.00	49	42	79	18	1	9	0	29.66	0.00	41	35	80	21	1	4
16	552	30.18	0.00	53	31	42	01	0	5	32	29.71	0.00	47	41	79	18	8	21	62	29.61	0.00	50	36	58	22	1	5	0	29.66	0.00	49	42	79	18	1	9	0	29.66	0.00	41	35	80	21	1	4	0	29.66	0.00	49	42	79	18	1	9	0	29.66	0.00	41	35	80	21	1	4
19	49	30.15	0.00	50	30	47	35	0	0	32	29.71	0.00	47	41	79	18	8	21	62	29.61	0.00	50	36	58	22	1	5	0	29.66	0.00	49	42	79	18	1	9	0	29.66	0.00	41	35	80	21	1	4	0	29.66	0.00	49	42	79	18	1	9	0	29.66	0.00	41	35	80	21	1	4
22	0	30.12	0.00	40	28	63	01	0	0	0	29.66	0.00	49	42	79	18	1	9	0	29.66	0.00	41	35	80	21	1	4	0	29.66	0.00	49	42	79	18	1	9	0	29.66	0.00	41	35	80	21	1	4	0	29.66	0.00	49	42	79	18	1	9	0	29.66	0.00	41	35	80	21	1	4
APR 22												APR 23												APR 24																																							
01	0	29.65	0.00	39	35	84	20	0	6	0	29.49	0.00	37	34	88	26	7	10	0	29.66	0.00	33	31	95	27	1	7	0	29.49	0.00	37	34	88	26	7	10	0	29.66	0.00	33	31	95	27	1	7	0	29.66	0.00	33	31	95	27	1	7									
04	0	29.64	0.00	40	36	86	21	5	13	0	29.48	0.00	36	32	86	25	5	12	0	29.70	0.00	31	29	91	32	0	9	0	29.48	0.00	36	32	86	25	5	12	0	29.70	0.00	31	29	91	32	0	9	0	29.70	0.00	31	29	91	32	0	9									
07	56	29.66	0.00	38	35	88	19	3	8	44	29.51	0.00	35	32	87	26	5	13	9	29.73	0.00	31	27	86	32	3	10	4	29.51	0.00	35	32	87	26	5	13	9	29.73	0.00	31	27	86	32	3	10	109	29.75	0.00	32	26	78	30	6	12									
10	422	29.60	0.00	50	38	64	21	5	14	236	29.55	0.00	37	29	73	28	4	15	109	29.75	0.00	32	26	78	30	6	12	236	29.55	0.00	37	29	73	28	4	15	109	29.75	0.00	32	26	78	30	6	12	128	29.75	0.06	33	26	76	31	0	15									
13	269	29.55	0.00	51	37	58	22	5	16	670	29.56	0.00	40	27	61	32	3	22	128	29.75	0.06	33	26	76	31	0	15	670	29.56	0.00	40	27	61	32	3	22	128	29.75	0.06	33	26	76	31	0	15	93	29.77	0.00	34	25	71	27	5	19									
16	127	29.53	0.05	44	42	92	21	0	6	299	29.57	0.00	42	26	52	25	6	18	93	29.77	0.00	34	25	71	27	5	19	299	29.57	0.00	42	26	52	25	6	18	93	29.77	0.00	34	25	71	27	5	19	14	29.80	0.00	34	24	67	30	5	12									
19	0	29.52	0.23	43	42	95	21	2	6	37	29.61	0.00	38	22	51	29	3	9	14	29.80	0.00	34	24	67	30	5	12	37	29.61	0.00	38	22	51	29	3	9	14	29.80	0.00	34	24	67	30	5	12	0	29.81	0.00	33	24	68	29	1	7									
22	0	29.51	0.00	38	37	95	34	0	0	0	29.64	0.00	33	30	92	23	0	5	0	29.81	0.00	33	24	68	29	1	7	0	29.64	0.00	33	30	92	23	0	5	0	29.81	0.00	33	24	68	29	1	7	0	29.81	0.00	33	24	68	29	1	7									
APR 25												APR 26												APR 27																																							
01	0	29.81	0.00	32	24	73	30	0	11	0	29.69	0.00	41	33	71	24	0	4	0	29.63	0.00	41	40	98	32	1	5	0	29.69	0.00	41	33	71	24	0	4	0	29.63	0.00	41	40	98	32	1	5	0	29.63	0.00	41	40	98	32	1	5									
04	0	29.79	0.00	31	24	76	31	6	23	0	29.67	0.00	40	34	81	01	0	2	0	29.62	0.00	40	38	95	32	0	7	0	29.67	0.00	40	34	81	01	0	2	0	29.62	0.00	40	38	95	32	0	7	0	29.62	0.00	40	38	95	32	0	7									
07	28	29.79	0.00	31	24	76	30	0	7	107	29.68	0.00	39	35	86	29	0	8	14	29.65	0.00	39	38	96	01	0	4	107	29.68	0.00	39	35	86	29	0	8	14	29.65	0.00	39	38	96	01	0	4	130	29.66	0.00	39	38	97	34	0	12									
10	158	29.78	0.00	34	27	75	32	4	12	468	29.68	0.00	46	36	69	07	0	10	130	29.66	0.00	39	38	97	34	0	12	468	29.68	0.00	46	36	69	07	0	10	130	29.66	0.00	39	38	97	34	0	12	236	29.67	0.00	44	43	97	00	3	11									
13	295	29.77	0.00	38	30	74	30	1	8	332	29.67	0.00	48	36	62	33	1	5	236	29.67	0.00	44	43	97	00	3	11	332	29.67	0.00	48	36	62	33	1	5	236	29.67	0.00	44	43	97	00	3	11	54	29.68	0.00	45	43	93	00	2	11									
16	186	29.73	0.00	44	32	63	01	1	6	206	29.64	0.00	49	36	61	02	0	11	54	29.68	0.00	45	43	93	00	2	11	206	29.64	0.00	49	36	61	02	0	11	54	29.68	0.00	45	43	93	00	2	11	12	29.71	0.04	45	44	95	01	0	0									
19	32	29.71	0.00	44	32	62	31	0	1	9	29.64	0.00	47	35	64	30	0	2	12	29.71	0.04	45	44	95	01	0	0	9	29.64	0.00	47	35	64	30	0	2	12	29.71	0.04	45	44	95	01	0	0	0	29.74	0.00	45	41	85	02	8	21									
22	0	29.70	0.00	41	33	74	23	0	0	0	29.64	0.00	42	39	87	31	1	4	0	29.74	0.00	45	41	85	02	8	21	0	29.64	0.00	42	39	87	31	1	4	0	29.74	0.00	45	41	85	02	8	21	0	29.74	0.00	45	41	85	02	8	21									
APR 28												APR 29												APR 30																																							
01	0	29.75	0.00	42	38	86	03	2	14	0	29.65	0.00	47	38	72	01	0	0	0	29.75	0.00	40	35	83	03	0	0	0	29.65	0.00	47	38	72	01	0	0	0	29.75	0.00	40	35	83	03	0	0	0	29.75	0.00	40	35	83	03	0	0									
04	0	29.77	0.00	38	36	92	00	1	11	0	29.63	0.00	44	37	75	01	0	0	0	29.74	0.00	38	34	87	05	0	0	0	29.63	0.00	44	37	75	01	0	0	0	29.74	0.00	38	34	87	05	0	0	0	29.74	0.00	38	34	87	05	0	0									
07	65	29.83	0.00	38	36	93	03	0	7	49	29.67	0.00	42	36	79	02	0	0	74	29.78	0.00	40	36	88	04	0	0	49	29.67	0.00	42	36	79	02	0	0	74	29.78	0.00	40	36	88	04	0	0	654	29.81	0.00															

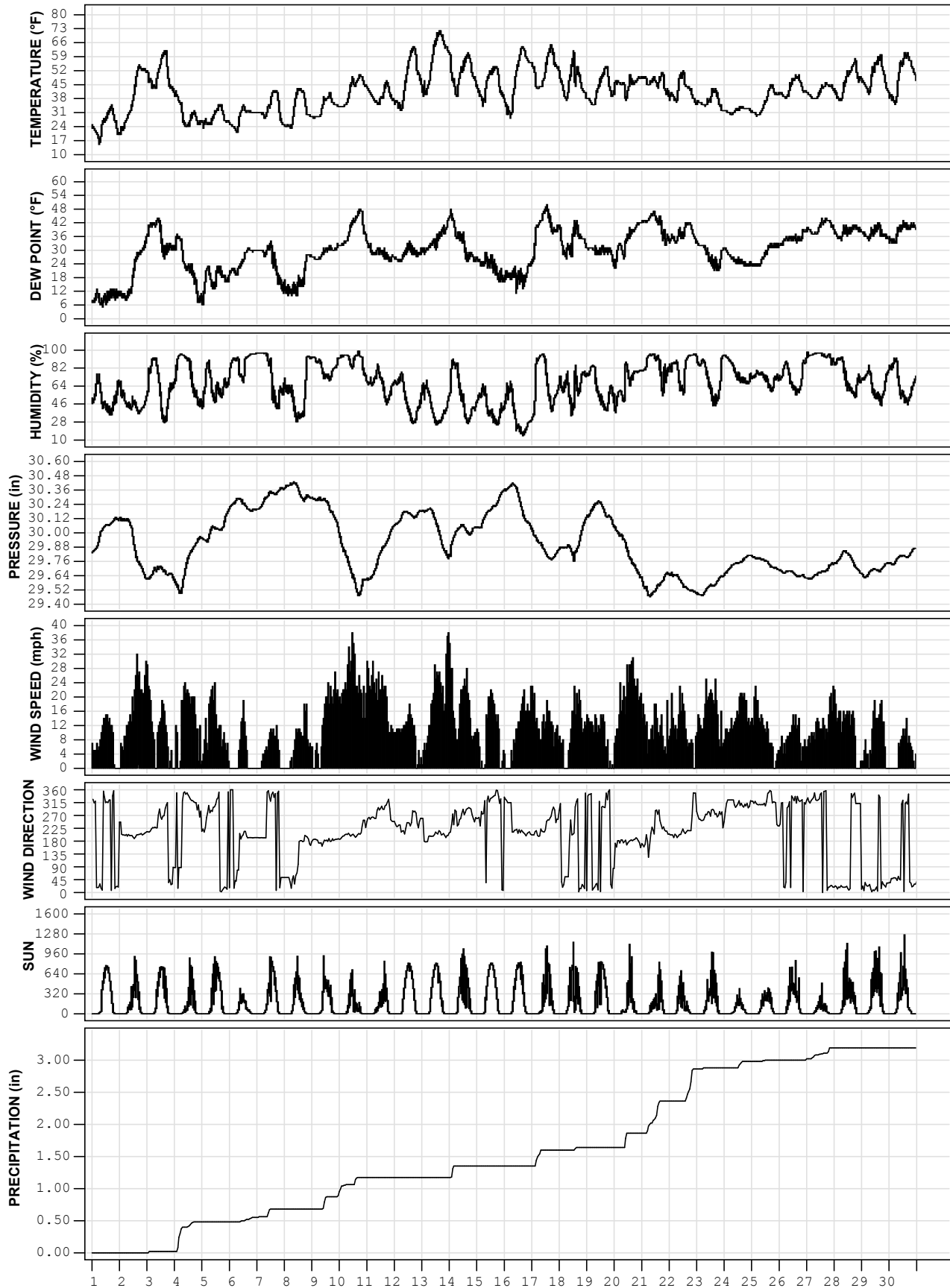
HOURLY PRECIPITATION (Water Equivalent) April 2015: Westford

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		0.02																							03
04			0.06	0.16	0.06	0.07	0.03					0.01	0.01	0.02	0.02	0.01	0.01								04
05																									05
06												0.01	0.01				0.01	0.01			0.01	0.01	0.01		06
07		0.01										0.06	0.05	0.01											07
08																									08
09												0.01	0.10	0.07	0.01										09
10	0.04	0.05		0.01		0.01									0.08	0.02	0.01						0.02	0.06	10
11																									11
12																									12
13																									13
14		0.01	0.13	0.04																					14
15																									15
16																									16
17				0.09	0.05	0.03	0.02	0.06																	17
18															0.02	0.02									18
19																									19
20												0.14	0.08												20
21					0.04	0.07	0.03	0.02				0.04	0.01	0.03	0.04	0.14	0.06	0.02							21
22																0.05	0.06	0.04	0.04	0.11	0.18	0.02			22
23						0.02																			23
24														0.04	0.02	0.02	0.02								24
25											0.01		0.01												25
26																									26
27					0.02	0.01	0.02	0.01					0.01		0.01					0.02	0.06				27
28																									28
29																									29
30																									30
Sum	0.04	0.09	0.19	0.30	0.17	0.21	0.10	0.09	0.00	0.27	0.26	0.13	0.11	0.29	0.21	0.12	0.05	0.05	0.14	0.25	0.02	0.00	0.02	0.08	Sum

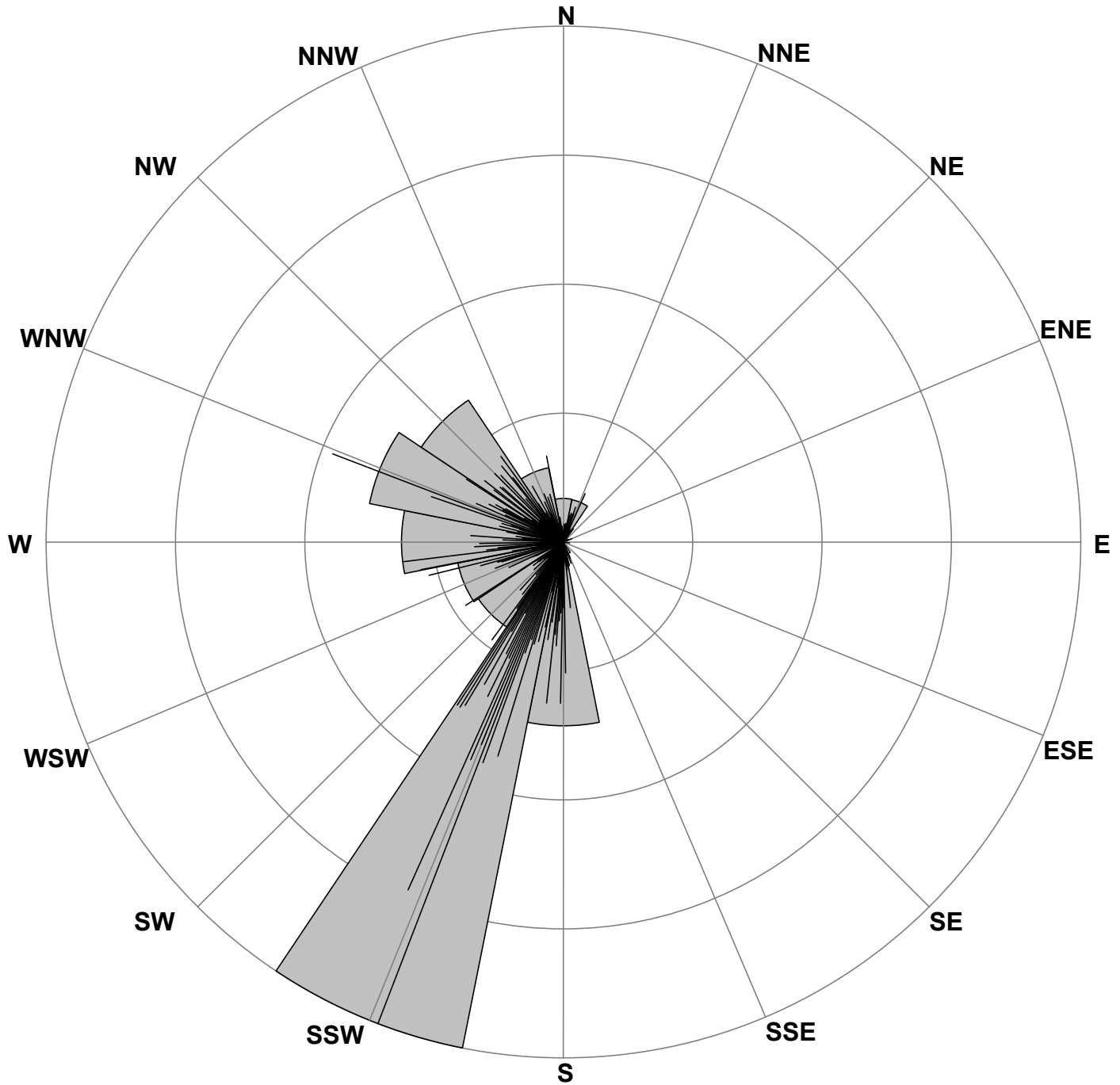
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA

April 2015: Westford



**Wind Rose: April 2015
Westford**



**Maximum direction of wind: 82.3 miles from 201°
Maximum sector of wind: 594.8 miles from SSW
1867.6 total miles of wind**