

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

April 2018

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		2 Minute		
																				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	44.6	27.1	35.8	36.3	23	59	29	0	.....	T	0.04	T	30.05	29.67	29.864	4.7	3.7	246	29	SSW	15	300	108
2	42.8	22.2	32.5	31.5	18	60	32	0	.....	T	0.00	0.0	30.09	30.01	30.054	1.2	1.2	273	20	WNW	10	279	202
3	47.3	27.0	37.1	36.2	26	67	28	0	.....	T	0.05	T	30.11	29.72	29.998	1.4	1.4	214	16	S	9	217	101
4	46.1	22.7	34.4	37.3	33	84	30	0	.....	T	0.58	T	29.73	29.23	29.413	6.9	5.9	246	38	WNW	24	301	52
5	29.6	15.1*	22.4*	21.7	7	53	42	0	.....	0	0.00	0.0	30.03	29.59	29.885	7.3	7.2	294	31	WNW	19	288	242
6	35.3	16.7	26.0	27.0	20	76	39	0	.....	1	0.03	1.0	30.03	29.58	29.813	2.5	2.5	210	23	SSW	13	211	106
7	38.0	25.0	31.5	31.0	19	63	33	0	.....	0	0.03	0.0	29.89	29.57	29.736	4.0	3.6	272	28	WSW	14	301	177
8	33.2	18.2	25.7	26.6	17	68	39	0	.....	1	0.00	0.8	29.97	29.82	29.872	1.0	0.9	301	19	NW	9	324	124
9	35.4	15.7	25.6	24.9	13	60	39	0	.....	0	0.01	0.0	30.18	29.97	30.112	1.2	1.2	320	19	WNW	9	299	241
10	40.6	17.5	29.0	28.7	20	71	35	0	.....	T	0.00	0.3	30.17	30.08	30.137	0.9	0.8	268	15	NW	10	292	168
11	45.4	20.8	33.1	34.2	25	71	32	0	.....	0	0.01	0.0	30.14	29.95	30.052	2.8	2.7	218	21	SSW	12	218	177
12	48.6	31.8	40.2	40.0	33	77	24	0	.....	0	0.33	0.0	30.03	29.56	29.865	3.5	3.4	203	30	S	15	205	121
13	50.7	37.6	44.1	42.8	39	89	20	0	.2.....	0	0.45	0.0	29.96	29.56	29.844	1.3	0.9	261	20	SSW	11	211	111	
14	40.4	19.3	29.9	28.0	23	82	35	0	...4....	2	0.10	1.9	30.44	29.91	30.192	1.1	1.1	21	19	NNE	8	27	50	
15	31.8	20.3	26.0	26.5	23	87	39	0	.....6...	2	0.04	0.7	30.48	30.27	30.410	0.8	0.7	44	16	NE	6	58	63
16	43.4	28.9	36.2	35.4	32	89	29	0	.....6...	T	1.01	0.0	30.28	29.45	29.845	1.8	1.8	185	30	S	13	210	74
17	39.3	31.0	35.1	34.8	31	88	30	0	.....	0	0.12	T	29.55	29.44	29.478	3.0	2.9	281	24	W	14	302	97
18	43.2	29.7	36.5	35.9	30	80	28	0	.....	0	0.03	T	29.67	29.53	29.586	3.5	3.4	257	23	W	10	263	112
19	40.4	29.9	35.2	34.4	30	84	30	0	.....	1	0.03	1.1	29.87	29.62	29.716	2.4	2.2	306	21	N	12	323	125
20	38.7	28.4	33.6	32.7	28	85	31	0	.....	T	0.17	1.6	30.25	29.87	30.087	3.2	3.2	305	23	WNW	13	308	67
21	52.2	31.5	41.9	41.3	26	56	23	0	.....	0	0.02	0.0	30.31	30.23	30.267	1.0	1.0	316	21	WNW	10	288	277
22	55.7	30.5	43.1	42.4	23	48	21	0	.....	0	0.00	0.0	30.38	30.28	30.341	0.6	0.6	323	20	WNW	7	309	281
23	65.4	29.6	47.5	48.3	20	38	17	0	.....	0	0.00	0.0	30.46	30.26	30.363	0.7	0.7	216	12	WSW	7	213	284
24	70.6*	45.3	57.9*	58.1	27	31	7	0	.....	0	0.00	0.0	30.26	30.05	30.165	4.2	4.2	208	22	SSW	12	200	258
25	57.3	48.8	53.0	52.3	46	80	12	0	.....	0	0.52	0.0	30.06	29.60	29.865	1.6	1.5	203	25	SW	12	210	75
26	53.7	44.9	49.3	48.5	46	90	15	0	.....	0	0.42	0.0	29.79	29.52	29.601	3.6	3.5	270	23	W	14	303	101
27	55.5	40.8	48.1	47.7	44	87	16	0	.....	0	0.08	0.0	29.84	29.70	29.772	2.1	2.1	211	19	SW	10	205	101
28	61.7	40.9	51.3	49.3	45	87	13	0	.....	0	0.18	0.0	29.84	29.65	29.725	1.9	1.7	231	24	W	13	266	146
29	46.7	33.8	40.3	39.3	38	96	24	0	.....	0	0.69	T	29.86	29.77	29.828	1.2	1.1	304	15	W	8	302	38
30	46.9	32.2	39.6	39.5	38	96	25	0	.....	0	0.27	T	29.98	29.81	29.898	1.0	0.6	270	16	WNW	9	318	71
Sum	Sum	-----	-----	---	----		Ttl	Ttl					Total	Total	For the month:					---				
	1381	863					817	0	Number of Days				5.21	7.4	30.48	29.23	29.926	2.4	1.7	256	38	WNW	24	301
Avg	Avg	Avg	Mean	Avg	Avg		----	----	Precip				Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg		
	46.0	28.8	37.4	37.1	28	73.3	----	----	≥.01 inch	23			15.23	100.7	15	4	-----	----	----	---	4	4	138	
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	4	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			7372	0	Thunder	0	Precipitation		Snow, Ice Plts												
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	1	1.12	16-17	1.9	14	2		14+								
0	2	23	0	----	----			Clear	5	Partly Cloudy		6	Cloudy		19									

NOTES:
 Units: 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 2018: 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																																																																																																																																																																																																											
00	0	29.75	0.00	45	23	42	21	7	24	0	30.04	0.00	27	18	68	20	0	8	0	30.07	0.00	30	18	60	29	0	0	03	0	29.69	0.00	43	26	52	20	10	22	0	30.04	0.00	26	19	75	22	0	0	0	30.08	0.00	28	20	72	27	0	0	06	0	29.68	0.00	40	30	66	21	6	14	0	30.04	0.00	22	18	84	24	0	0	0	30.10	0.00	32	20	62	18	1	5	09	450	29.80	0.00	38	29	69	29	11	27	355	30.08	0.00	31	20	64	25	0	7	171	30.09	0.00	37	23	57	19	3	8	12	288	29.89	0.00	35	26	72	28	3	13	325	30.07	0.00	35	18	50	29	4	9	501	30.04	0.00	45	30	54	23	4	12	15	195	29.93	0.00	34	19	54	28	5	16	636	30.04	0.00	40	17	39	25	5	12	146	29.95	0.00	45	28	51	25	2	9	18	183	29.97	0.00	34	17	48	29	0	8	169	30.02	0.00	41	14	33	30	3	11	21	29.91	0.00	39	32	74	21	4	10	21	0	30.04	0.00	31	18	57	29	2	12	0	30.07	0.00	31	19	62	32	0	0	0	29.87	0.00	33	31	93	18	0	0
APR 04										APR 05										APR 06																																																																																																																																																																																																											
00	0	29.73	0.00	34	32	94	19	1	7	0	29.60	0.00	23	16	75	26	13	25	0	30.03	0.00	19	10	68	29	0	0	03	0	29.60	0.04	35	33	94	20	0	6	0	29.76	0.00	18	9	66	28	12	28	0	30.00	0.00	20	12	70	22	0	0	06	0	29.45	0.00	37	35	95	18	6	15	0	29.83	0.00	17	9	70	28	9	16	0	29.99	0.00	19	11	73	19	1	5	09	54	29.31	0.00	41	39	95	19	8	24	399	29.87	0.00	19	5	54	26	5	22	394	29.94	0.00	28	18	67	21	4	19	12	63	29.23	0.07	44	43	95	21	11	24	745	29.90	0.00	24	5	42	26	7	16	353	29.86	0.00	33	19	56	20	6	18	15	100	29.32	0.00	41	35	81	27	5	12	668	29.93	0.00	29	5	36	28	9	20	123	29.70	0.00	31	25	78	11	0	5	18	179	29.32	0.00	44	28	53	26	8	27	185	29.96	0.00	28	5	37	28	14	27	28	29.59	0.04	31	28	91	19	0	8	21	0	29.43	0.00	30	20	64	25	14	37	0	30.01	0.00	21	7	53	29	0	1	0	29.60	0.00	31	29	93	22	6	13
APR 07										APR 08										APR 09																																																																																																																																																																																																											
00	0	29.58	0.00	29	27	93	20	0	0	0	29.89	0.00	25	18	73	26	0	0	0	29.97	0.00	23	12	61	32	3	14	03	0	29.59	0.00	31	27	86	21	5	8	0	29.87	0.00	26	16	68	32	0	0	0	30.01	0.00	20	11	67	33	3	12	06	0	29.65	0.00	28	19	69	26	8	21	0	29.87	0.00	19	13	78	32	0	0	0	30.08	0.00	17	10	72	31	0	7	09	229	29.71	0.00	29	19	65	27	8	16	190	29.86	0.00	28	17	62	32	0	0	199	30.13	0.00	21	9	60	31	2	12	12	130	29.75	0.00	33	19	55	28	9	22	285	29.85	0.00	31	13	47	34	0	4	826	30.16	0.00	26	14	61	31	2	18	15	327	29.77	0.00	35	17	47	30	8	20	227	29.83	0.00	31	15	51	31	5	13	671	30.14	0.00	34	15	45	02	1	11	18	163	29.81	0.00	34	16	47	29	3	13	23	29.85	0.00	28	22	80	29	0	6	86	30.13	0.00	31	14	48	04	0	2	21	0	29.88	0.00	29	16	56	26	1	10	0	29.91	0.00	25	18	74	31	3	10	0	30.16	0.00	27	15	60	04	0	0
APR 10										APR 11										APR 12																																																																																																																																																																																																											
00	0	30.17	0.00	21	15	79	04	0	0	0	30.13	0.00	25	23	93	19	0	0	0	29.99	0.00	35	30	83	26	0	3	03	0	30.14	0.00	19	14	80	04	0	0	0	30.13	0.00	25	23	93	19	3	6	0	29.99	0.00	34	29	83	22	0	0	06	0	30.16	0.00	18	14	85	04	0	0	0	30.12	0.00	23	22	94	19	0	0	0	30.00	0.00	33	29	84	22	0	0	09	348	30.17	0.00	29	20	67	04	0	0	388	30.11	0.00	33	26	77	21	6	12	367	30.02	0.00	39	33	79	21	0	9	12	445	30.15	0.00	36	20	50	26	2	9	800	30.07	0.00	42	23	46	20	5	19	584	29.94	0.00	48	30	50	24	6	16	15	524	30.10	0.00	38	20	48	28	0	10	642	29.99	0.00	45	25	44	21	7	14	81	29.83	0.00	46	29	52	17	2	11	18	216	30.10	0.00	37	26	65	31	0	6	79	29.96	0.00	40	27	61	24	4	10	11	29.73	0.04	40	37	89	16	1	3	21	0	30.13	0.00	29	26	91	19	0	0	0	29.98	0.00	38	27	63	22	3	8	0	29.64	0.00	41	39	93	19	5	12
APR 13										APR 14										APR 15																																																																																																																																																																																																											
00	0	29.56	0.00	45	43	94	20	9	19	0	29.94	0.08	40	39	96	00	0	0	0	30.43	0.00	21	17	87	03	3	6	03	0	29.65	0.00	44	42	93	30	0	0	0	29.92	0.00	39	37	96	02	0	7	0	30.42	0.00	21	18	90	01	1	8	06	0	29.78	0.00	40	38	95	33	1	10	0	30.05	0.00	32	30	91	02	5	14	0	30.44	0.00	22	19	91	03	1	7	10	39	29.89	0.00	38	37	96	32	0	0	91	30.17	0.00	30	21	69	02	0	13	98	30.46	0.00	24	21	88	03	1	8	12	893	29.92	0.00	46	39	79	28	2	8	86	30.22	0.00	27	18	66	35	1	15	385	30.47	0.00	31	24	78	02	2	10	15	223	29.90	0.00	49	38	67	28	2	6	137	30.27	0.00	25	17	73	35	1	13	91	30.42	0.00	31	28	87	09	0	0	18	12	29.91	0.00	44	40	84	32	0	0	42	30.34	0.00	20	17	89	04	2	13	25	30.37	0.00	30	27	88	20	0	0	21	0	29.94	0.21	41	40	95	33	0	0	0	30.39	0.00	20	18	91	04	0	6	0	30.35	0.00	30	27	88	20	0	0
APR 16										APR 17										APR 18																																																																																																																																																																																																											
00	0	30.28	0.00	29	25	86	19	1	8	0	29.45	0.00	38	36	95	24	0	1	0	29.54	0.00	31	25	78	25	2	8	03	0	30.19	0.00	30	27	90	07	0	0	0	29.47	0.00	35	34	95	29	8	16	0	29.53	0.00	31	25	78	26	1	8	06	0	30.10	0.00	30	28	91	07	0	0	0	29.47	0.00	34	32	95	08	0	0	0	29.54	0.00	31	26	81	21	0	2	09	141	29.97	0.00	33	30	88	07	0	0	104	29.47	0.00	35	33	94	30	0	0	257	29.55	0.00	32	30	92	22	2	6	12	72	29.86	0.00	38	33	84	16	8	22	190	29.46	0.00	36	34	91	25	5	11	582	29.56	0.00	41	35	79	25	8	13	15	251	29.71	0.11	42	36	78	18	6	18	250	29.45	0.00	38	30	72	27	8	20	116	29.62	0.00	40	34	79	29	6	11	18	62	29.57	0.04	43	37	80	21	4	19	116	29.49	0.00	35	29	78	28	3	19	113	29.63	0.00	41	33	75	26	3	12	21	0	29.52	0.00	36	34	94	00	0	0	0	29.53	0.00	32	27	82	24	0	5	0	29.67	0.00	38	32	80	25	2	12

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.10	0.18	0.25	0.32	0.40	0.46	0.50	0.53	0.56	0.59	0.62	0.64
Ended: Date	16	16	16	16	16	16	16	16	16	16	16	16
Ended: Time	1359	1402	1403	1407	1410	1416	1431	1438	1454	1518	1548	1609

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 2018: 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 19										APR 20										APR 21																																																																																																																																																																																																											
00	0	29.66	0.00	36	31	80	25	5	14	0	29.87	0.00	30	28	93	30	5	15	0	30.25	0.00	36	29	73	03	0	0	03	0	29.65	0.00	35	30	83	25	1	10	0	29.90	0.00	29	27	93	30	10	20	0	30.26	0.00	36	27	70	31	0	2	06	0	29.65	0.00	33	30	89	27	0	5	0	29.97	0.00	29	26	91	30	7	15	5	30.27	0.00	32	25	76	31	0	0	09	232	29.67	0.00	34	31	90	31	2	8	67	30.06	0.00	29	27	94	31	0	12	471	30.30	0.00	39	26	60	31	3	9	12	448	29.68	0.00	38	30	71	31	4	11	218	30.12	0.00	31	29	91	29	0	0	826	30.29	0.00	45	29	54	02	1	12	15	367	29.71	0.00	40	28	63	31	3	8	206	30.15	0.08	36	30	78	29	5	15	766	30.24	0.00	49	27	42	31	6	16	18	46	29.76	0.00	33	31	91	32	4	13	54	30.19	0.00	37	30	75	23	0	5	232	30.23	0.00	50	26	39	33	0	10	21	0	29.84	0.00	31	29	93	30	5	16	0	30.24	0.00	38	29	71	24	0	4	0	30.27	0.00	41	22	47	30	0	1
APR 22										APR 23										APR 24																																																																																																																																																																																																											
00	0	30.28	0.00	37	21	52	30	0	0	0	30.37	0.00	36	19	49	02	0	0	0	30.26	0.00	46	16	30	18	0	0	03	0	30.30	0.00	34	24	65	01	0	0	0	30.38	0.00	30	22	70	18	0	0	0	30.24	0.00	48	24	39	20	3	12	06	5	30.33	0.00	31	23	70	01	0	0	7	30.41	0.00	31	21	67	18	0	0	5	30.24	0.00	48	25	41	20	3	12	09	482	30.37	0.00	42	23	47	02	0	0	492	30.46	0.00	49	26	40	19	1	9	490	30.24	0.00	57	29	35	21	8	19	12	817	30.38	0.00	50	23	35	31	2	7	828	30.43	0.00	58	20	23	20	0	4	819	30.19	0.00	65	34	31	22	2	10	15	724	30.35	0.00	53	23	31	35	3	16	744	30.35	0.00	63	20	19	21	4	8	737	30.12	0.00	69	29	22	21	9	14	18	258	30.32	0.00	54	22	29	03	1	13	186	30.29	0.00	64	17	16	19	0	9	141	30.08	0.00	66	28	24	19	1	10	21	0	30.36	0.00	40	24	53	02	0	0	0	30.27	0.00	50	22	33	21	0	0	0	30.06	0.00	60	23	24	21	0	7
APR 25										APR 26										APR 27																																																																																																																																																																																																											
00	0	30.06	0.00	57	33	39	21	7	20	0	29.60	0.09	50	49	96	06	0	0	0	29.79	0.00	47	43	86	22	4	8	03	0	30.02	0.00	54	38	55	20	6	16	0	29.53	0.00	49	48	97	06	0	0	0	29.80	0.00	45	42	89	20	3	11	06	0	30.01	0.00	50	43	75	21	2	7	0	29.52	0.00	49	48	97	21	0	0	11	29.79	0.00	41	39	92	21	0	0	09	135	29.98	0.00	50	46	87	08	1	5	30	29.53	0.04	49	48	97	29	8	13	304	29.84	0.00	48	43	82	20	4	19	12	262	29.91	0.00	55	47	74	15	2	9	457	29.55	0.00	50	48	94	28	7	11	320	29.77	0.00	54	45	70	23	2	6	15	95	29.80	0.10	53	50	91	12	0	0	951	29.58	0.00	54	46	76	27	7	20	181	29.77	0.00	51	46	85	20	1	12	18	51	29.71	0.00	52	51	94	15	0	0	74	29.67	0.00	46	42	86	26	7	19	83	29.75	0.00	48	46	93	20	0	6	21	0	29.67	0.00	51	50	96	15	0	0	0	29.75	0.00	46	42	87	25	6	13	0	29.72	0.00	46	45	95	19	0	0
APR 28										APR 29										APR 30																																																																																																																																																																																																											
00	0	29.70	0.00	45	44	96	19	0	0	0	29.83	0.05	47	46	96	06	0	0	0	29.84	0.00	35	34	96	25	1	7	03	0	29.66	0.00	41	40	96	17	0	0	0	29.80	0.00	45	44	97	31	0	6	0	29.82	0.05	32	31	96	21	0	5	06	7	29.67	0.00	45	44	97	18	1	7	0	29.81	0.00	42	41	97	31	0	11	0	29.84	0.00	33	32	97	19	0	0	09	552	29.70	0.00	50	47	89	22	10	19	26	29.83	0.00	40	39	97	32	2	11	206	29.89	0.04	39	39	97	22	0	0	12	209	29.72	0.00	55	48	78	23	3	9	77	29.83	0.00	40	39	97	32	2	9	77	29.92	0.00	40	39	96	36	0	0	15	197	29.73	0.00	59	44	57	20	0	6	142	29.84	0.05	37	36	95	29	6	14	163	29.91	0.00	46	44	94	35	0	7	18	30	29.78	0.00	48	46	92	28	2	9	62	29.84	0.06	36	34	95	29	6	11	67	29.93	0.00	46	44	93	30	6	10	21	0	29.81	0.00	45	44	95	07	0	0	0	29.86	0.00	34	33	96	24	4	8	0	29.96	0.00	43	42	95	31	0	5

WEATHER NOTES

NOTES:
 Units: 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
00	0	29.921	35	27	77	2.0	25	1.5
03	0	29.915	33	27	80	2.2	26	1.5
06	1	29.928	32	27	82	1.7	25	1.0
09	259	29.950	36	29	75	2.9	25	2.1
12	430	29.940	41	29	66	3.6	25	2.5
15	356	29.915	43	29	61	3.8	27	2.8
18	100	29.907	41	29	68	2.5	28	2.0
21	0	29.931	36	28	76	1.7	25	1.4

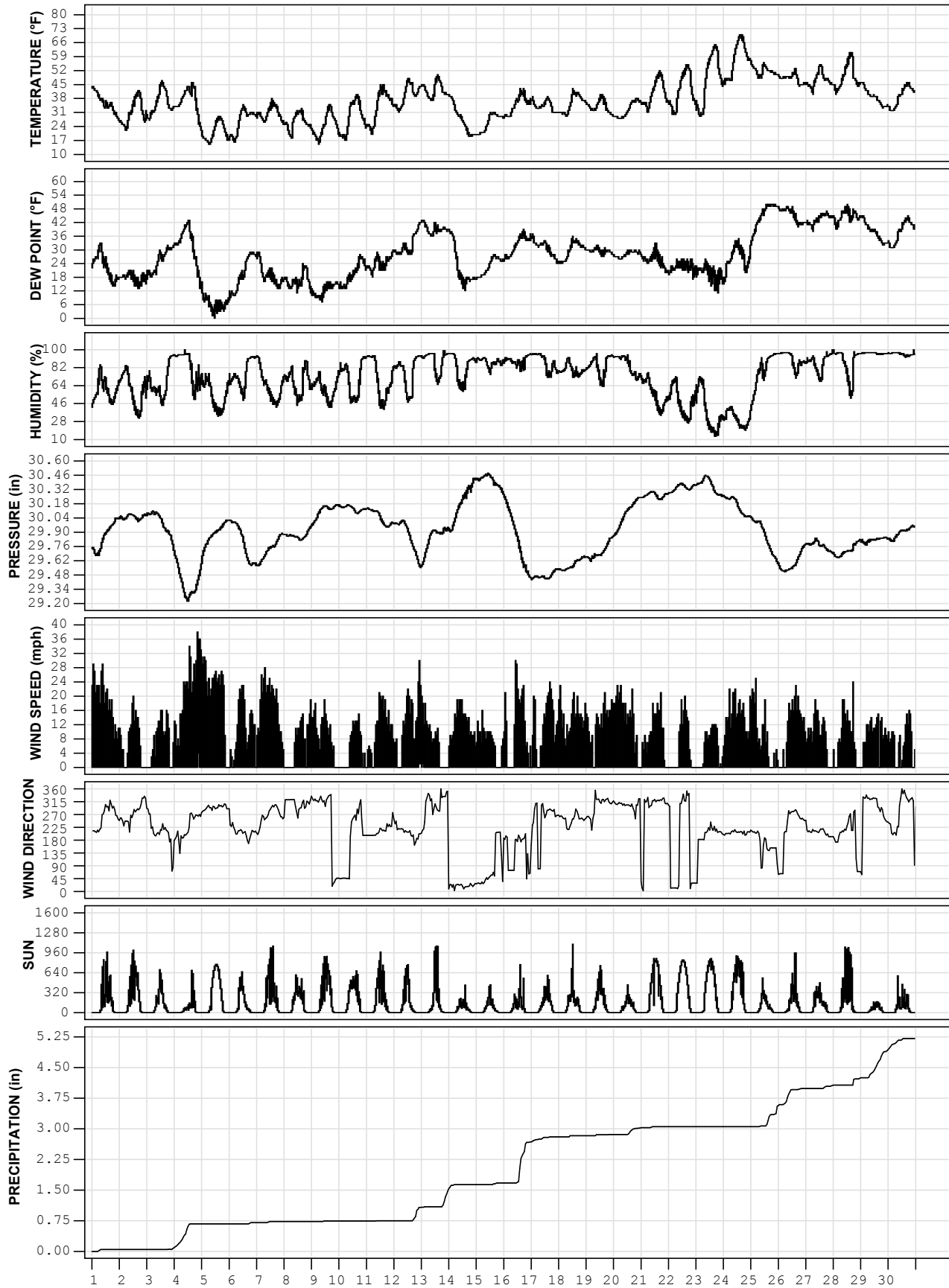
HOURLY PRECIPITATION (Water Equivalent) April 2018: Westford

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						0.01	0.02	0.01																	01
02																									02
03																			0.01						03
04	0.02	0.02	0.03	0.03	0.02	0.04	0.04	0.06	0.04	0.03	0.11	0.08	0.05	0.01					0.01				0.02	0.02	04
05																									05
06																		0.02	0.01						06
07									0.01	0.01	0.01														07
08																									08
09										0.01															09
10																									10
11								0.01																	11
12																	0.02	0.04	0.04	0.15	0.03	0.04		0.01	12
13			0.01																0.04	0.08	0.12	0.07	0.06	0.07	13
14	0.04	0.04		0.01	0.01																				14
15															0.02		0.01	0.01							15
16												0.02	0.02	0.32	0.24	0.06	0.06	0.05	0.19	0.04			0.01		16
17	0.01	0.02	0.01	0.01	0.01		0.01			0.02	0.02				0.01										17
18										0.03															18
19									0.02											0.01					19
20												0.01	0.04	0.04	0.02	0.02	0.01	0.01			0.01		0.01		20
21								0.01	0.01																21
22																									22
23																									23
24																									24
25							0.01	0.01						0.04	0.08	0.11	0.04	0.01		0.01	0.01	0.18	0.02		25
26	0.02				0.02	0.02	0.03	0.11	0.08	0.05	0.05	0.01					0.01	0.01	0.01						26
27															0.02	0.02	0.01				0.01	0.01	0.01		27
28																	0.14	0.01					0.01	0.02	28
29							0.01	0.07	0.02	0.02	0.03	0.04	0.06	0.05	0.06	0.05	0.04	0.08	0.05	0.05	0.01		0.02	0.03	29
30	0.03	0.04	0.04	0.02	0.01	0.01	0.02	0.04	0.02			0.01	0.03												30
Sum	0.12	0.12	0.09	0.07	0.07	0.08	0.13	0.30	0.21	0.17	0.23	0.17	0.17	0.46	0.44	0.27	0.21	0.38	0.37	0.34	0.17	0.14	0.31	0.19	Sum

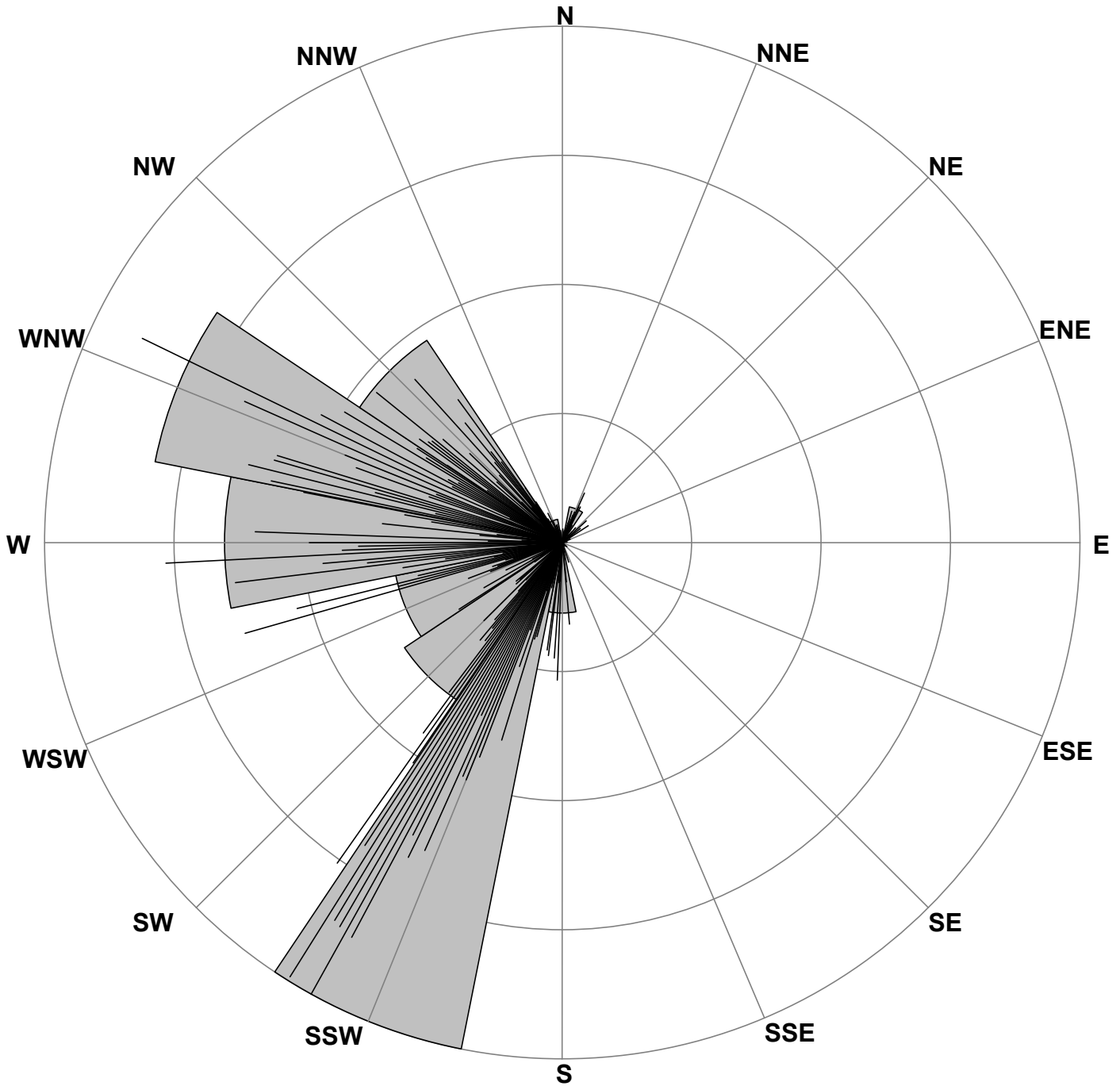
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA

April 2018: Westford



**Wind Rose: April 2018
Westford**



**Maximum direction of wind: 42.1 miles from 209°
Maximum sector of wind: 444.0 miles from SSW
1737.6 total miles of wind**