

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

January 2017

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	Res	Res	Peak		2 Minute		
																				Speed		Dir	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	33.6	21.3	27.4	30.3	23	73	37	0	.....	2	T	T	30.37	29.68	30.032	3.2	2.6	255	25	WNW	13	290	36
2	39.3	19.9	29.6	27.8	21	75	35	0	.....	2	0.00	0.0	30.49	30.27	30.413	0.1	0.1	202	8	S	4	206	59
3	37.7	26.8	32.3	35.2	31	83	32	0	...4.....	1	0.00	0.0	30.28	29.45	29.923	2.9	2.9	183	22	S	11	177	19	
4	37.4	23.5	30.5	32.2	28	86	34	0	.....	1	0.00	T	29.47	29.26	29.339	3.9	3.6	242	28	W	15	250	17
5	25.6	20.1	22.9	22.5	12	63	42	0	.....	1	T	T	29.84	29.47	29.671	5.4	5.3	258	34	W	18	263	45
6	22.5	14.5	18.5	18.2	9	68	46	0	.....	1	T	T	30.21	29.83	30.016	1.1	1.0	272	15	W	10	258	52
7	20.6	4.1	12.4	12.6	7	77	52	0	.....	1	T	T	30.34	30.15	30.254	0.3	0.3	337	11	N	5	323	51
8	11.6	-4.0	3.8*	4.7	-1	79	61	0	.....	1	T	0.2	30.51	30.14	30.255	1.3	1.3	315	27	W	14	303	44
9	15.3	-5.3*	5.0	7.0	0	74	60	0	.....	1	0.00	0.0	30.62	30.46	30.535	2.9	2.8	206	26	S	12	217	37
10	36.4	14.1	25.3	22.1	12	66	40	0	.....	1	T	T	30.53	29.87	30.324	4.9	4.8	198	36	SSW	19	189	33
11	48.6	34.0	41.3	40.7	30	67	23	0	.....	1	0.00	0.0	30.13	29.76	29.970	7.1	6.9	211	40	SSW	20	208	66
12	50.8*	36.3	43.5*	45.7	42	87	21	0	.....	T	0.00	0.0	29.95	29.72	29.797	5.7	5.6	208	30	S	15	206	10
13	36.5	6.8	21.7	22.8	15	74	43	0	.....	T	0.00	T	30.71	29.94	30.393	5.1	4.9	310	30	WNW	17	303	71
14	20.0	0.1	10.1	10.7	3	73	55	0	.....	T	0.00	0.0	30.71	30.23	30.517	0.2	0.2	216	11	SSW	6	215	42
15	23.3	8.3	15.8	18.0	12	76	49	0	.....	T	0.00	1.3	30.39	30.21	30.315	1.2	1.0	315	18	NW	12	296	66
16	34.8	12.8	23.8	23.5	16	73	41	0	.....	T	0.00	0.0	30.38	30.17	30.264	2.4	2.3	214	24	SSW	12	216	70
17	35.3	20.8	28.0	29.7	23	77	37	0	...4.....	1	0.00	0.5	30.24	29.96	30.124	0.8	0.7	187	18	SSW	9	200	51	
18	35.9	31.1	33.5	33.0	30	89	31	0	.....	1	0.14	1.4	29.96	29.88	29.911	4.2	4.1	194	20	SSW	10	198	19
19	35.0	32.3	33.6	33.4	32	93	31	0	.....	1	T	T	30.05	29.89	29.959	1.3	0.9	250	13	S	8	302	20
20	37.2	31.1	34.2	32.9	29	87	31	0	.....	1	0.00	0.0	29.99	29.81	29.899	2.2	2.2	208	14	S	8	220	40
21	39.0	34.1	36.5	36.0	35	96	28	0	.....	T	0.06	0.0	29.81	29.69	29.752	2.5	2.5	209	14	WSW	8	203	16
22	35.2	32.6	33.9	33.7	33	98	31	0	.2.....	0	T	0.0	29.91	29.73	29.805	0.3	0.1	229	10	N	4	208	12	
23	35.3	28.3	31.8	32.0	28	85	33	0	.....	0	0.00	0.0	30.00	29.87	29.940	0.9	0.6	152	14	S	7	187	46
24	32.2	24.7	28.5	29.1	28	94	36	0	...4.6...	1	0.79	0.9	29.87	29.46	29.589	0.5	0.5	30	13	NE	7	30	4	
25	31.7	24.6	28.2	27.4	26	95	36	0	...6...	2	0.06	0.6	29.56	29.44	29.508	0.0	0.0	0	0	NE	0	23	8	
26	37.5	29.2	33.4	32.7	31	95	31	0	.....	2	0.16	0.5	29.44	29.15	29.260	2.1	1.6	254	20	NW	10	303	10
27	31.9	25.6	28.8	30.3	26	84	36	0	.....	3	0.04	0.6	29.38	29.28	29.330	5.0	4.8	265	27	W	13	300	27
28	32.9	25.8	29.4	29.0	23	77	35	0	.....	3	T	T	29.52	29.37	29.458	2.7	2.4	269	22	WNW	12	294	47
29	33.0	23.1	28.1	28.5	21	74	37	0	.....	3	T	T	29.65	29.48	29.551	3.8	3.5	236	22	W	11	293	52
30	23.5	6.9	15.2	16.3	10	78	49	0	.....	3	0.01	0.2	29.90	29.64	29.756	0.6	0.5	319	13	NE	6	289	59
31	25.4	0.4	12.9	13.9	6	73	52	0	.....	3	0.00	0.0	29.92	29.78	29.856	0.8	0.8	208	14	SSW	8	221	96
Sum	Sum	-----	-----	---	----		Ttl	Ttl					Total	Total	For the month:					---				
995	604						1205	0			Number of Days		1.26	6.2	30.71	29.15	29.926	2.4	1.8	233	40	SSW	20	208
Avg	Avg	Avg	Mean	Avg	Avg	Avg	----	----					Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg		
32.1	19.5	25.8	26.2	21	80.3	----	----	----			Precip		1.26	35.2	13	26	-----	----	----	---	11	11	39	
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	2	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			3943	0	Thunder	0	Precipitation		Snow, Ice Plts												
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	----	----	Heavy Fog	1	0.00	-	1.4	18	3		27+								
0	12	27	4	----	----	----	----	Clear	2	Partly Cloudy		7	Cloudy		22									

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

January 2017: Westford

Hour	JAN 01									JAN 02									JAN 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
00	0	29.68	0.00	32	27	82	20	6	19	0	30.37	0.00	21	16	81	21	0	0	0	30.27	0.00	27	22	83	14	0	0
03	0	29.70	0.00	32	29	89	20	6	13	0	30.41	0.00	24	19	81	20	0	0	0	30.24	0.00	33	27	78	14	0	0
06	0	29.79	0.00	33	29	87	22	2	11	0	30.45	0.00	24	20	84	20	0	4	0	30.15	0.00	35	30	84	18	4	11
09	21	29.94	0.00	32	24	70	30	9	13	30	30.48	0.00	22	19	87	20	0	0	49	30.07	0.00	36	31	81	18	9	19
12	105	30.05	0.00	31	22	70	27	4	12	359	30.45	0.00	36	23	61	20	1	7	107	29.95	0.00	37	31	79	19	6	18
15	51	30.17	0.00	32	18	56	28	0	1	74	30.42	0.00	37	24	58	06	0	0	30	29.83	0.00	38	32	80	18	2	10
18	0	30.26	0.00	29	20	70	31	0	0	0	30.41	0.00	27	21	76	06	0	0	0	29.72	0.00	37	32	83	19	1	10
21	0	30.33	0.00	28	19	70	23	0	0	0	30.36	0.00	25	20	80	14	0	0	0	29.57	0.00	35	33	94	20	0	0
JAN 04									JAN 05									JAN 06									
00	0	29.45	0.00	33	32	96	21	0	0	0	29.47	0.00	24	15	70	29	4	14	0	29.83	0.00	22	14	71	26	2	8
03	0	29.38	0.00	32	31	96	21	0	0	0	29.50	0.00	20	9	60	24	8	26	0	29.88	0.00	20	13	74	27	2	6
06	0	29.30	0.00	32	32	97	21	0	0	0	29.55	0.00	22	11	64	21	5	22	0	29.91	0.00	16	9	72	28	0	0
09	12	29.28	0.00	33	33	97	20	5	13	19	29.67	0.00	22	12	66	23	1	18	23	29.98	0.00	17	7	64	27	3	7
12	97	29.27	0.00	36	35	96	21	6	14	149	29.69	0.00	25	11	57	25	3	21	281	30.01	0.00	22	6	50	31	1	5
15	23	29.28	0.00	37	33	86	25	4	10	88	29.73	0.00	25	12	59	25	7	23	40	30.04	0.00	19	7	59	30	0	0
18	0	29.34	0.00	32	21	65	25	9	25	0	29.77	0.00	23	11	61	25	3	13	0	30.10	0.00	17	9	70	31	0	0
21	0	29.42	0.00	27	17	65	25	4	21	0	29.81	0.00	22	12	64	23	2	7	0	30.18	0.00	15	11	85	23	0	0
JAN 07									JAN 08									JAN 09									
00	0	30.20	0.00	17	10	73	29	4	8	0	30.15	0.00	4	-2	76	00	0	0	0	30.51	0.00	3	-3	77	31	1	11
03	0	30.27	0.00	11	7	87	28	0	0	0	30.15	0.00	1	-3	81	03	0	0	0	30.55	0.00	1	-3	82	29	0	0
06	0	30.30	0.00	10	7	88	28	0	0	0	30.15	0.00	-4	-6	87	03	0	0	0	30.58	0.00	-4	-8	81	24	0	0
09	40	30.33	0.00	14	9	80	28	0	0	37	30.18	0.00	3	-1	86	03	0	0	54	30.62	0.00	0	-4	84	24	0	0
12	309	30.29	0.00	17	11	76	30	0	4	169	30.20	0.00	10	3	72	31	0	0	186	30.55	0.00	9	1	68	20	0	8
15	69	30.24	0.00	17	10	74	33	0	6	104	30.25	0.00	11	4	72	02	1	6	56	30.49	0.00	12	4	68	16	0	9
18	0	30.24	0.00	12	3	67	35	0	5	0	30.34	0.00	7	4	86	02	0	0	0	30.47	0.00	14	5	66	20	9	22
21	0	30.18	0.00	9	3	75	02	1	7	0	30.45	0.00	6	1	79	30	9	18	0	30.52	0.00	15	7	70	20	5	21
JAN 10									JAN 11									JAN 12									
00	0	30.50	0.00	15	6	68	20	3	18	0	29.87	0.00	35	30	81	19	10	30	0	29.95	0.00	44	25	48	20	6	21
03	0	30.52	0.00	15	6	69	21	5	13	0	29.79	0.00	34	32	93	20	10	25	0	29.88	0.00	44	37	77	21	7	22
06	0	30.51	0.00	14	6	69	21	5	12	0	29.81	0.00	38	35	89	21	13	30	0	29.76	0.00	42	40	90	20	9	23
09	54	30.50	0.00	16	7	68	19	6	15	56	29.95	0.00	39	34	83	21	9	29	14	29.77	0.00	45	43	92	21	7	21
12	144	30.40	0.00	21	10	62	19	4	8	367	30.06	0.00	44	27	51	23	3	16	44	29.75	0.00	49	46	88	20	7	19
15	58	30.27	0.00	26	11	54	18	1	9	102	30.05	0.00	47	24	40	19	3	12	0	29.75	0.00	51	47	89	21	9	18
18	0	30.19	0.00	28	15	59	18	3	12	0	30.11	0.00	42	28	58	20	2	16	0	29.75	0.00	50	48	93	21	6	13
21	0	30.01	0.00	31	27	85	18	11	29	0	30.04	0.00	43	28	55	20	6	21	0	29.82	0.00	46	45	96	32	4	13
JAN 13									JAN 14									JAN 15									
00	0	29.94	0.00	37	35	96	06	0	0	0	30.71	0.00	7	-1	68	33	0	0	0	30.23	0.00	20	13	73	21	0	5
03	0	30.05	0.00	33	32	94	31	5	12	0	30.71	0.00	4	-1	79	33	0	0	0	30.23	0.00	23	17	80	25	0	2
06	0	30.21	0.00	27	24	88	03	0	0	0	30.68	0.00	1	-3	84	03	0	0	0	30.25	0.00	23	16	76	30	0	11
10	26	30.31	0.00	27	22	81	28	13	22	30	30.66	0.00	4	-0	82	03	0	0	40	30.33	0.00	20	16	87	00	2	14
12	439	30.41	0.00	26	17	67	32	7	18	156	30.56	0.00	13	6	74	21	0	1	390	30.33	0.00	20	11	68	06	0	10
15	127	30.51	0.00	21	10	62	31	7	24	70	30.43	0.00	16	5	62	21	1	5	149	30.34	0.00	20	9	60	07	0	1
18	0	30.63	0.00	15	4	62	32	3	12	0	30.36	0.00	16	6	63	21	0	0	0	30.37	0.00	13	7	76	04	0	0
21	0	30.70	0.00	10	2	68	32	0	0	0	30.29	0.00	18	9	67	22	0	9	0	30.38	0.00	10	6	81	04	0	0
JAN 16									JAN 17									JAN 18									
00	0	30.37	0.00	13	9	83	01	0	0	0	30.19	0.00	27	19	69	21	0	0	0	29.96	0.00	31	30	94	17	3	14
03	0	30.37	0.00	14	9	80	20	0	7	0	30.21	0.00	27	19	72	26	0	4	0	29.90	0.00	32	29	88	18	8	15
06	0	30.34	0.00	14	10	84	20	0	2	0	30.20	0.00	24	19	82	26	0	0	0	29.90	0.00	32	29	89	17	2	14
09	25	30.31	0.00	19	14	80	21	3	14	65	30.24	0.00	24	20	84	26	0	0	14	29.91	0.00	33	28	83	19	5	11
12	360	30.22	0.00	30	21	68	22	7	14	353	30.16	0.00	34	25	69	08	0	4	91	29.91	0.00	36	29	77	19	4	10
15	142	30.18	0.00	35	21	58	22	3	13	65	30.09	0.00	34	25	69	06	0	5	26	29.91	0.00	34	30	85	21	4	8
18	0	30.18	0.00	30	20	67	22	4	12	0	30.03	0.00	32	26	77	06	0	0	0	29.94	0.00	32	31	95	21	2	10
21	0	30.21	0.00	26	19	74	21	0	0	0	30.00	0.00	31	29	92	18	5	18	0	29.91	0.00	33	32	96	19	8	20

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ended: Date	--	--	--	--	--	--	--	--	--	--	--	--
Ended: Time	----	----	----	----	----	----	----	----	----	----	----	----

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

January 2017: 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								
JAN 19										JAN 20										JAN 21									
00	0	29.90	0.00	33	32	96	22	6	13	0	29.98	0.00	32	30	92	32	0	4	0	29.81	0.00	34	31	89	21	4	9		
03	0	29.92	0.00	33	32	96	22	2	5	0	29.97	0.00	32	29	92	32	0	0	0	29.80	0.00	35	33	92	19	5	13		
06	0	29.90	0.00	33	32	97	00	0	0	0	29.97	0.00	31	29	91	21	0	0	0	29.78	0.00	34	33	96	20	4	7		
09	18	29.97	0.00	34	32	96	22	2	6	65	29.94	0.00	32	28	85	19	1	7	26	29.77	0.00	35	34	97	18	3	10		
12	62	29.96	0.00	34	33	95	27	3	5	144	29.91	0.00	34	29	83	20	4	9	118	29.71	0.00	37	36	97	21	3	10		
15	37	29.95	0.00	35	31	87	32	2	6	70	29.86	0.00	35	30	83	20	1	8	33	29.71	0.00	39	38	97	20	3	7		
18	0	29.98	0.00	33	31	92	31	0	0	0	29.85	0.00	33	29	87	20	6	10	0	29.74	0.00	37	36	97	20	0	0		
21	0	30.03	0.00	33	30	89	29	0	7	0	29.82	0.00	33	30	87	17	0	7	0	29.73	0.00	36	36	97	20	0	0		
JAN 22										JAN 23										JAN 24									
00	0	29.75	0.00	35	34	97	20	0	0	0	29.91	0.00	33	33	98	01	0	0	0	29.87	0.00	29	21	74	06	0	4		
03	0	29.76	0.00	35	34	97	20	1	4	0	29.93	0.00	34	31	90	15	2	7	0	29.76	0.00	28	25	89	03	2	9		
06	0	29.74	0.00	34	34	98	20	0	0	0	29.95	0.00	32	31	93	16	0	0	0	29.66	0.00	31	29	93	02	3	10		
09	30	29.79	0.00	34	33	98	20	0	0	104	29.98	0.00	33	30	88	15	0	6	5	29.62	0.00	31	30	96	06	0	0		
12	51	29.80	0.00	34	34	98	20	0	0	171	29.97	0.00	35	29	80	18	4	11	28	29.55	0.00	32	31	97	06	0	0		
15	23	29.82	0.00	33	32	98	20	2	6	58	29.94	0.00	34	27	77	18	1	4	11	29.49	0.00	31	30	97	06	0	0		
18	0	29.85	0.00	33	32	98	01	0	0	0	29.93	0.00	30	25	81	03	0	0	0	29.49	0.00	29	28	97	06	0	0		
21	0	29.87	0.00	33	33	98	01	0	2	0	29.91	0.00	29	23	78	03	0	0	0	29.49	0.00	26	25	96	06	0	0		
JAN 25										JAN 26										JAN 27									
00	0	29.46	0.00	25	24	96	06	0	0	0	29.44	0.00	32	31	96	06	0	0	0	29.28	0.00	31	28	90	25	7	12		
03	0	29.49	0.00	25	24	96	06	0	0	0	29.35	0.00	33	32	96	06	0	0	0	29.30	0.00	32	29	89	26	6	11		
06	0	29.51	0.00	25	24	96	06	0	0	0	29.28	0.00	33	32	96	19	0	0	0	29.33	0.00	31	27	86	23	3	9		
09	19	29.55	0.00	26	25	95	06	0	0	0	29.25	0.00	35	34	97	22	5	12	30	29.37	0.00	30	26	84	26	5	12		
12	26	29.53	0.00	28	26	92	06	0	0	19	29.19	0.00	36	35	96	20	2	6	95	29.34	0.00	31	25	79	26	7	27		
15	14	29.52	0.00	29	27	92	06	0	0	14	29.18	0.00	33	32	96	29	0	6	46	29.31	0.00	32	24	75	26	4	13		
18	0	29.52	0.00	28	27	95	06	0	0	0	29.22	0.00	31	30	95	29	2	11	0	29.31	0.00	31	25	78	25	4	7		
21	0	29.49	0.00	30	29	96	06	0	0	0	29.27	0.00	30	27	91	25	5	10	0	29.34	0.00	28	25	87	28	6	19		
JAN 28										JAN 29										JAN 30									
00	0	29.37	0.00	27	24	89	26	0	8	0	29.51	0.00	29	23	79	23	1	9	0	29.65	0.00	24	15	70	26	1	12		
03	0	29.40	0.00	26	22	83	29	6	14	0	29.49	0.00	29	23	80	20	3	10	0	29.67	0.00	21	17	84	28	0	0		
06	0	29.43	0.00	27	22	80	28	3	8	0	29.49	0.00	28	23	81	21	7	16	0	29.68	0.00	18	15	88	32	0	0		
09	86	29.47	0.00	27	20	76	30	3	7	105	29.52	0.00	30	24	78	22	8	14	100	29.73	0.00	17	13	86	31	0	0		
12	204	29.46	0.00	31	22	69	24	3	9	302	29.54	0.00	32	21	63	26	8	18	213	29.74	0.00	19	10	68	01	0	6		
15	63	29.46	0.00	33	25	74	26	6	12	51	29.55	0.00	31	18	60	26	6	11	206	29.76	0.00	19	9	63	00	2	10		
18	0	29.49	0.00	31	24	77	24	2	6	0	29.61	0.00	27	22	82	28	0	0	0	29.83	0.00	12	7	82	03	0	0		
21	0	29.51	0.00	30	24	76	25	1	9	0	29.64	0.00	26	17	70	25	4	14	0	29.87	0.00	10	5	80	32	2	10		
JAN 31																													
00	0	29.89	0.00	7	3	82	26	0	0																				
03	0	29.92	0.00	5	2	85	24	0	0																				
06	0	29.90	0.00	1	-2	89	24	0	0																				
09	25	29.90	0.00	9	5	84	20	0	6																				
12	446	29.86	0.00	21	10	61	21	3	10																				
15	192	29.79	0.00	25	10	52	26	1	5																				
18	0	29.82	0.00	22	11	64	22	0	0																				
21	0	29.82	0.00	20	12	71	22	0	0																				

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

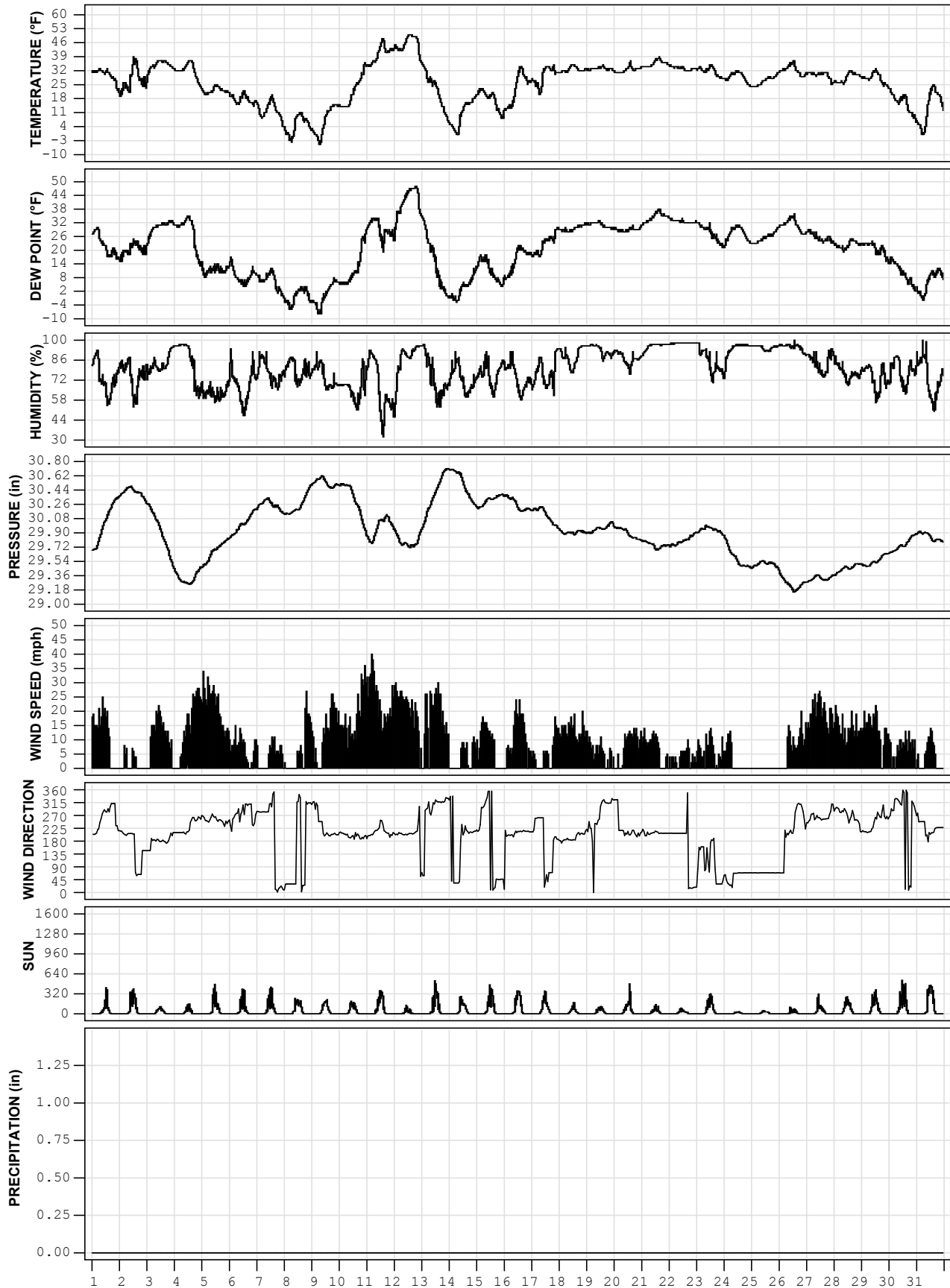
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
00	0	29.918	25	20	82	1.9	23	1.6
03	0	29.918	25	21	85	2.5	23	1.8
06	0	29.917	24	20	86	1.9	22	1.6
09	39	29.948	25	21	84	3.2	23	2.3
12	193	29.930	29	22	75	2.9	23	2.3
15	67	29.912	30	21	72	2.2	25	1.6
18	0	29.930	27	21	78	1.8	23	1.6
21	0	29.934	26	20	81	2.3	24	1.5

HOURLY PRECIPITATION (Water Equivalent) January 2017: Westford

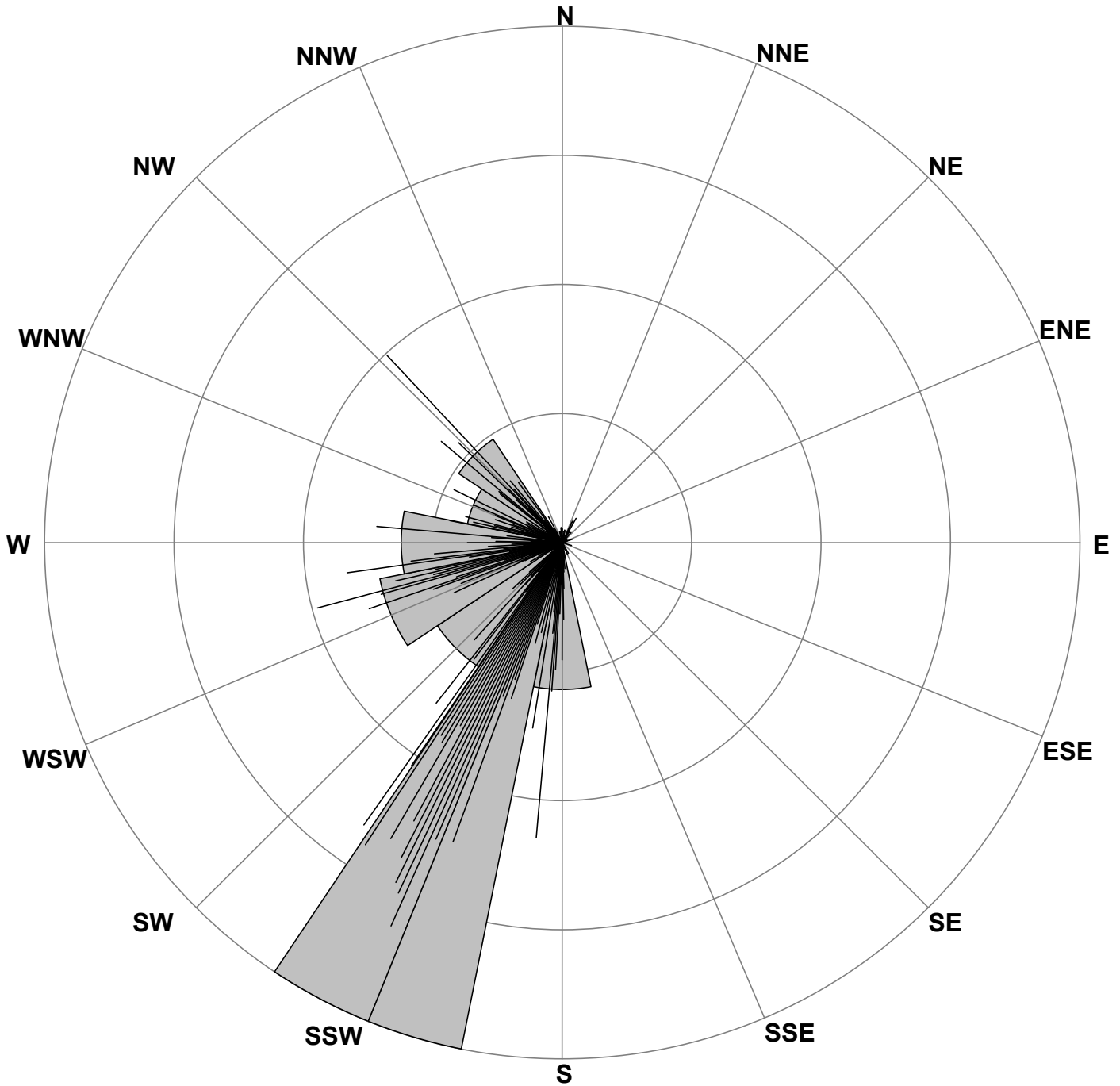
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03																									03
04																									04
05																									05
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29																									29
30																									30
31																									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	0.00	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 January 2017: Westford



**Wind Rose: January 2017
Westford**



**Maximum direction of wind: 65.7 miles from 202°
Maximum sector of wind: 658.2 miles from SSW
1810.6 total miles of wind**