

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

March 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 Speed	Res Speed	Res Dir	Peak		2 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	58.0	46.3	52.1*	52.1	48	86	13	0	.....	0	0.46	0.0	29.84	29.14	29.400	5.6	5.4	209	33	SSW	16	208	26
2	50.7	13.6	32.2	25.8	16	67	32	0	.....	T	T	T	30.03	29.15	29.573	7.9	7.6	284	41	W	22	287	73
3	20.7	5.7	13.2	12.4	5	73	51	0	.....	T	0.01	0.3	30.40	30.03	30.186	3.3	3.2	323	28	WNW	14	327	121
4	5.9	0.3	3.1	3.5	-4	69	62	0	.....	1	0.02	0.5	30.62	30.36	30.497	5.7	5.5	324	25	NW	14	320	113
5	19.8	-0.9	9.4	7.8	-2	66	55	0	.....	T	0.00	0.0	30.72	30.56	30.637	1.2	1.1	341	15	WNW	9	317	171
6	38.3	3.8	21.0	22.8	9	60	44	0	.....6...	0	0.05	0.0	30.56	30.29	30.438	0.2	0.2	197	13	S	7	188	131
7	46.7	32.5	39.6	39.0	35	84	25	0	.....	0	0.12	0.0	30.29	29.82	30.061	6.7	6.6	197	30	SSW	15	202	44
8	51.7	33.3	42.5	41.6	35	80	22	0	.....	0	0.29	0.0	29.88	29.64	29.741	4.0	3.4	231	36	WNW	23	292	130
9	37.1	23.0	30.0	27.6	20	74	35	0	.....	2	0.12	1.8	29.98	29.65	29.827	5.3	5.2	279	27	WSW	18	287	57
10	27.2	5.0	16.1	19.2	11	70	49	0	.....	1	0.01	0.3	29.97	29.76	29.849	1.9	1.9	326	27	N	14	309	120
11	5.1	-6.6*	-0.8*	0.0	-10	62	66	0	.....	1	T	T	30.23	29.96	30.088	8.0	7.9	315	29	WNW	17	291	84
12	14.4	-0.5	6.9	6.1	-5	60	58	0	.....	1	0.00	0.0	30.37	30.21	30.265	5.7	5.6	311	23	W	15	294	176
13	18.7	0.1	9.4	10.5	-1	60	55	0	.....	1	0.00	0.0	30.51	30.33	30.429	0.4	0.3	309	13	WNW	6	324	157
14	19.4	13.8	16.6	16.5	11	81	48	0	.....	16	1.08	16.0	30.33	29.32	29.901	1.9	1.9	19	28	ENE	11	20	7
15	19.6	14.0	16.8	16.7	15	92	48	0	.....	26	0.56	15.7	29.59	29.29	29.387	6.1	5.9	300	30	WNW	16	308	35
16	22.1	11.8	17.0	16.6	12	83	48	0	.....	22	T	T	29.98	29.59	29.803	3.7	3.6	309	27	WNW	15	295	108
17	30.7	11.5	21.1	19.7	9	65	43	0	.....	16	0.00	0.0	30.23	29.98	30.131	0.3	0.3	334	13	N	5	317	204
18	40.7	5.4	23.1	22.9	11	62	42	0	.....	12	0.00	0.0	30.28	30.20	30.241	0.2	0.1	17	11	N	5	291	210
19	40.2	12.7	26.5	27.6	16	63	38	0	.....	10	0.00	0.0	30.31	30.19	30.247	0.3	0.3	329	13	NW	7	306	211
20	45.9	17.4	31.7	31.6	18	61	33	0	.....	8	0.00	0.0	30.20	29.94	30.083	0.1	0.1	327	11	WNW	6	294	187
21	36.1	30.3	33.2	33.5	29	85	32	0	.....	7	0.09	T	29.95	29.70	29.830	0.1	0.1	262	9	WNW	6	286	35
22	32.6	6.8	19.7	14.3	6	69	45	0	.....	8	0.07	0.7	30.39	29.69	30.122	7.3	7.0	324	36	WNW	22	305	187
23	31.1	7.1	19.1	18.9	4	53	46	0	.....	8	0.00	0.0	30.52	30.39	30.465	0.6	0.6	318	20	WNW	9	300	220
24	32.3	20.4	26.3	28.4	21	77	39	0	.....	12	0.46	4.0	30.45	29.96	30.170	3.7	3.7	203	22	SSW	11	199	27
25	34.5	16.4	25.4	29.2	26	90	39	0	.....	11	0.06	T	30.46	30.06	30.275	0.4	0.4	329	10	N	6	287	64
26	41.8	10.9	26.3	27.8	19	71	38	0	.....	10	0.01	0.0	30.49	30.18	30.394	1.3	1.3	204	15	S	8	197	160
27	40.0	32.7	36.4	36.1	34	93	28	0	.....	9	0.27	0.0	30.18	29.90	29.994	3.1	3.1	201	21	S	11	206	40
28	48.6	32.3	40.4	39.1	38	95	24	0	.....	7	0.09	0.0	30.02	29.85	29.907	2.9	2.4	203	15	S	9	204	46
29	36.5	31.5	34.0	33.8	29	84	30	0	.....	6	T	T	30.23	30.01	30.116	1.4	1.3	336	22	NW	10	328	76
30	41.3	25.8	33.5	33.4	22	63	31	0	.....	5	0.00	0.0	30.28	30.14	30.200	0.6	0.6	6	15	ENE	6	6	237
31	38.8	30.7	34.8	33.7	27	76	30	0	.....	6	0.11	0.8	30.17	29.89	30.025	1.6	1.6	174	18	S	9	214	75
Sum	Sum	-----	-----	---	----		Ttl	Ttl			Total	Total	For the month:					---						
1027	487						1249	0	Number of Days		3.77	40.1	30.72	29.14	30.074	3.0	1.8	283	41	W	23	292		
Avg	Avg	Avg	Mean	Avg	Avg		----	----	Precip		Season Ttl	Date	Date	-----	----	----	----	Date	Date	Avg				
33.1	15.7	24.4	24.1	16	73.4		----	----	≥.01 inch	18	8.33	106.5	5	1	-----	----	----	----	2	8	114			
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			6267	0	Thunder	0	Precipitation		Snow, Ice Plts												
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	1	0.00	-	16.0	14	26			15							
0	13	27	5	----	----			Clear	6	Partly Cloudy		10	Cloudy		15									

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

March 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						
MAR 01									MAR 02									MAR 03									
00	0	29.84	0.00	46	35	65	19	3	8	0	29.15	0.00	50	43	77	20	2	15	0	30.03	0.00	14	7	74	32	0	13
03	0	29.71	0.00	50	44	81	20	5	10	0	29.22	0.00	42	33	71	25	15	41	0	30.06	0.00	12	7	81	30	7	14
06	0	29.60	0.00	50	45	85	21	8	16	0	29.24	0.00	36	25	64	28	14	33	0	30.11	0.00	9	4	79	32	0	12
09	25	29.45	0.00	50	48	93	19	11	20	65	29.42	0.00	22	14	71	29	15	27	336	30.18	0.00	14	8	77	02	1	8
12	214	29.30	0.00	55	52	88	20	6	20	279	29.59	0.00	17	9	70	28	11	22	522	30.18	0.00	18	5	56	32	3	10
15	111	29.22	0.00	58	52	83	19	8	22	499	29.70	0.00	22	12	66	30	7	15	144	30.17	0.00	16	9	73	35	3	12
18	0	29.21	0.00	52	50	92	23	2	10	0	29.85	0.00	19	8	61	31	0	5	0	30.24	0.00	12	6	75	32	0	11
21	0	29.17	0.00	53	48	82	26	0	6	0	29.97	0.00	18	7	61	31	10	15	0	30.33	0.00	9	4	78	29	9	19
MAR 04									MAR 05									MAR 06									
00	0	30.40	0.00	6	-4	64	31	4	13	0	30.62	0.00	2	-5	71	32	5	16	0	30.56	0.00	5	-0	77	02	0	0
03	0	30.39	0.00	5	-4	68	29	8	12	0	30.64	0.00	1	-6	73	33	3	13	0	30.54	0.00	5	-1	76	02	0	0
06	0	30.36	0.00	5	1	84	30	3	12	0	30.69	0.00	-0	-6	76	03	0	8	0	30.52	0.00	8	4	84	02	0	0
09	151	30.46	0.00	1	-5	78	34	8	20	381	30.72	0.00	7	-3	63	00	1	9	369	30.52	0.00	19	5	53	17	0	0
12	443	30.53	0.00	3	-2	79	31	3	15	633	30.68	0.00	14	-1	56	33	2	10	422	30.44	0.00	30	7	37	21	1	4
15	374	30.54	0.00	6	-6	59	33	7	21	417	30.61	0.00	18	3	51	35	1	13	445	30.37	0.00	38	12	33	16	1	2
18	0	30.58	0.00	3	-7	62	32	8	16	0	30.58	0.00	12	0	59	01	0	0	0	30.35	0.00	34	15	45	14	0	2
21	0	30.62	0.00	3	-7	65	32	8	15	0	30.58	0.00	6	0	75	02	0	0	0	30.34	0.00	34	18	51	22	0	4
MAR 07									MAR 08									MAR 09									
00	0	30.29	0.00	33	29	87	19	0	0	0	29.82	0.00	47	45	92	21	4	19	0	29.67	0.00	35	31	83	22	6	18
03	0	30.22	0.00	33	27	77	18	5	11	0	29.71	0.00	48	47	94	21	7	13	0	29.66	0.00	34	24	67	26	11	20
06	0	30.18	0.00	35	25	66	17	5	13	0	29.87	0.00	36	35	95	29	0	4	0	29.73	0.00	26	24	93	32	2	10
09	156	30.13	0.00	37	30	76	18	5	13	100	29.83	0.00	35	34	96	26	0	0	53	29.83	0.00	23	21	92	29	10	19
12	204	30.06	0.00	40	37	88	20	9	23	186	29.75	0.00	46	38	75	21	4	13	308	29.83	0.00	26	17	69	27	6	14
15	53	29.99	0.00	41	39	90	20	10	22	25	29.71	0.00	41	33	74	28	17	36	211	29.86	0.00	29	17	62	29	14	25
18	0	29.95	0.00	42	40	94	18	7	22	0	29.67	0.00	39	32	75	20	1	12	0	29.90	0.00	29	15	55	26	3	12
21	0	29.90	0.00	44	42	94	20	10	20	0	29.68	0.00	41	26	56	21	1	8	0	29.96	0.00	26	16	68	29	0	0
MAR 10									MAR 11									MAR 12									
00	0	29.96	0.00	24	13	62	00	1	11	0	29.96	0.00	5	-5	63	33	1	16	0	30.22	0.00	2	-9	58	32	10	19
03	0	29.89	0.00	22	10	60	02	0	0	0	30.01	0.00	-3	-13	62	31	8	23	0	30.22	0.00	0	-10	62	30	6	14
06	0	29.86	0.00	18	12	77	02	0	0	0	30.07	0.00	-6	-17	58	33	3	11	0	30.23	0.00	0	-9	64	31	4	21
09	197	29.84	0.00	26	16	67	26	0	5	121	30.09	0.00	-4	-11	69	34	6	12	118	30.26	0.00	1	-8	65	27	9	18
12	248	29.80	0.00	22	14	71	32	1	8	352	30.06	0.00	2	-8	62	31	9	19	645	30.25	0.00	8	-5	54	30	12	21
15	499	29.77	0.00	23	14	69	32	2	16	229	30.08	0.00	4	-7	61	31	11	20	561	30.23	0.00	13	-2	51	29	4	14
18	0	29.81	0.00	14	8	74	32	0	0	0	30.13	0.00	2	-9	59	30	13	22	84	30.28	0.00	12	-0	57	33	4	18
21	0	29.87	0.00	13	6	74	32	7	15	0	30.19	0.00	2	-8	62	30	10	18	0	30.36	0.00	8	-2	63	33	4	12
MAR 13									MAR 14									MAR 15									
00	0	30.37	0.00	7	-3	63	31	4	13	0	30.33	0.00	14	4	65	02	0	0	0	29.32	0.00	16	14	92	02	0	7
03	0	30.41	0.00	6	-3	66	30	0	12	0	30.32	0.00	14	5	67	04	0	0	0	29.30	0.00	15	13	92	33	8	21
06	0	30.43	0.00	1	-5	74	32	0	0	0	30.24	0.00	15	6	67	03	0	0	0	29.29	0.00	15	13	92	29	1	10
10	243	30.49	0.00	6	-4	64	31	3	11	32	30.16	0.00	18	6	59	01	0	0	30	29.31	0.00	17	15	92	29	4	11
12	599	30.49	0.00	13	-1	53	29	1	2	19	30.00	0.00	18	15	90	00	1	7	141	29.34	0.00	18	16	92	28	10	18
15	476	30.44	0.00	17	0	47	29	1	5	0	29.76	0.00	19	17	92	35	2	10	151	29.39	0.00	19	17	92	30	10	20
18	33	30.40	0.00	17	1	49	06	0	0	0	29.49	0.00	18	16	92	01	7	19	18	29.46	0.00	17	15	92	30	6	16
21	0	30.39	0.00	15	3	58	32	0	0	0	29.41	0.00	16	14	92	01	10	28	0	29.54	0.00	17	15	92	30	9	19
MAR 16									MAR 17									MAR 18									
00	0	29.59	0.00	17	15	92	31	11	23	0	29.98	0.00	17	11	77	30	0	0	0	30.23	0.00	12	6	77	07	0	0
03	0	29.67	0.00	15	12	91	30	10	21	0	30.01	0.00	19	12	74	31	0	0	0	30.24	0.00	10	5	80	07	0	0
06	0	29.72	0.00	13	10	90	29	4	14	0	30.08	0.00	13	8	81	31	0	0	0	30.25	0.00	8	4	83	07	0	0
09	77	29.77	0.00	12	9	88	30	8	16	267	30.14	0.00	17	9	70	30	0	9	304	30.27	0.00	16	9	74	07	0	0
12	446	29.80	0.00	17	13	85	32	0	9	677	30.18	0.00	23	9	55	31	0	8	696	30.26	0.00	33	13	43	04	0	4
15	418	29.82	0.00	21	15	78	34	2	13	612	30.16	0.00	29	9	44	00	2	8	622	30.20	0.00	38	14	37	35	0	0
18	30	29.88	0.00	19	13	75	31	3	12	118	30.16	0.00	27	9	46	03	0	5	121	30.21	0.00	37	15	40	34	0	0
21	0	29.96	0.00	20	12	71	31	0	0	0	30.22	0.00	17	9	71	02	0	0	0	30.25	0.00	28	15	56	15	1	7

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

March 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						
MAR 19									MAR 20									MAR 21									
00	0	30.26	0.00	25	16	67	15	0	0	0	30.20	0.00	21	16	79	00	0	0	0	29.95	0.00	33	25	70	02	0	0
03	0	30.25	0.00	21	13	71	16	0	0	0	30.18	0.00	20	16	85	00	0	0	0	29.91	0.00	35	23	62	28	0	0
06	0	30.28	0.00	17	11	79	16	0	0	0	30.16	0.00	20	16	85	36	0	0	0	29.87	0.00	34	28	79	28	0	0
09	311	30.31	0.00	24	15	68	16	0	0	315	30.17	0.00	29	18	64	00	0	0	74	29.86	0.00	33	29	85	28	0	0
12	696	30.28	0.00	37	17	44	33	1	6	601	30.10	0.00	39	19	43	33	0	2	88	29.85	0.00	34	32	91	28	0	0
15	624	30.21	0.00	40	19	43	35	0	4	413	30.03	0.00	43	18	36	29	0	0	116	29.78	0.00	35	32	90	23	0	4
18	123	30.20	0.00	37	19	48	34	0	5	25	29.98	0.00	44	19	36	03	0	0	16	29.76	0.00	33	31	94	23	0	0
21	0	30.22	0.00	25	17	71	00	0	0	0	29.96	0.00	34	24	67	02	0	0	0	29.77	0.00	31	30	94	22	0	0
MAR 22									MAR 23									MAR 24									
00	0	29.70	0.00	32	31	94	22	0	0	0	30.39	0.00	9	-1	62	32	0	7	0	30.45	0.00	23	8	54	21	0	0
03	0	29.77	0.00	26	24	92	31	12	32	0	30.42	0.00	10	-1	60	33	1	12	0	30.37	0.00	26	8	46	19	0	5
06	0	29.96	0.00	14	11	88	33	12	28	0	30.46	0.00	8	-2	64	30	0	0	0	30.30	0.00	28	9	45	20	3	14
09	181	30.11	0.00	8	2	77	34	8	32	332	30.51	0.00	15	0	51	29	2	6	58	30.24	0.00	25	23	90	19	5	16
12	724	30.19	0.00	8	-1	64	32	7	26	714	30.50	0.00	24	3	40	32	1	13	90	30.13	0.00	28	26	90	18	5	16
15	717	30.25	0.00	13	-1	53	34	11	28	638	30.47	0.00	29	6	37	32	6	18	54	30.03	0.00	30	28	93	20	4	11
18	139	30.29	0.00	14	-2	50	33	8	21	139	30.45	0.00	30	9	40	03	0	0	5	29.98	0.00	31	30	95	20	3	14
21	0	30.36	0.00	11	-2	54	31	2	13	0	30.47	0.00	21	11	64	02	0	0	0	30.02	0.00	32	31	96	21	6	14
MAR 25									MAR 26									MAR 27									
00	0	30.07	0.00	32	31	96	25	0	0	0	30.44	0.00	16	14	89	30	0	0	0	30.18	0.00	34	30	87	18	4	13
03	0	30.11	0.00	30	29	97	25	0	0	0	30.47	0.00	15	12	87	30	0	0	0	30.11	0.00	34	31	86	19	7	15
06	0	30.17	0.00	29	28	97	25	0	2	0	30.47	0.00	13	11	91	00	0	0	0	30.04	0.00	33	32	95	17	6	11
09	26	30.24	0.00	32	30	96	32	0	0	353	30.49	0.00	23	15	70	01	0	0	23	30.01	0.00	34	32	95	20	2	7
12	111	30.28	0.00	34	32	90	03	2	9	735	30.44	0.00	38	17	41	22	3	8	148	29.98	0.00	38	36	95	19	4	10
15	155	30.33	0.00	32	29	88	34	2	7	302	30.37	0.00	40	22	49	19	0	6	105	29.93	0.00	38	37	94	21	1	7
18	153	30.37	0.00	32	21	65	30	1	6	21	30.33	0.00	35	27	74	21	0	0	21	29.91	0.00	38	37	93	20	0	6
21	0	30.44	0.00	21	18	88	30	0	0	0	30.26	0.00	33	28	81	15	3	8	0	29.93	0.00	38	37	96	20	0	5
MAR 28									MAR 29									MAR 30									
00	0	29.91	0.00	35	35	97	19	0	0	0	30.01	0.00	32	32	97	01	0	0	0	30.22	0.00	32	24	72	34	1	10
03	0	29.89	0.00	39	39	97	20	7	11	0	30.02	0.00	33	32	97	03	1	5	0	30.18	0.00	31	23	72	00	0	8
06	0	29.86	0.00	41	40	96	20	6	10	0	30.07	0.00	32	31	97	33	0	9	0	30.24	0.00	27	21	77	02	0	7
09	134	29.87	0.00	44	42	93	21	4	8	97	30.09	0.00	33	30	88	01	0	5	380	30.27	0.00	33	21	62	01	3	11
12	225	29.86	0.00	47	44	89	20	7	10	206	30.11	0.00	35	29	79	34	3	11	777	30.24	0.00	37	20	50	32	0	7
15	33	29.87	0.00	40	38	95	05	0	7	153	30.13	0.00	36	27	71	33	1	10	657	30.18	0.00	40	23	50	30	0	7
18	21	29.94	0.00	34	33	96	01	2	7	60	30.16	0.00	35	28	74	33	0	1	149	30.15	0.00	40	22	49	33	0	7
21	0	30.00	0.00	33	33	97	02	1	6	0	30.22	0.00	34	26	72	33	2	10	0	30.15	0.00	32	21	65	02	0	0
MAR 31																											
00	0	30.16	0.00	31	23	71	02	0	0																		
03	0	30.09	0.00	32	24	75	02	0	0																		
06	0	30.08	0.00	31	24	74	02	0	0																		
09	102	30.06	0.00	35	24	62	03	0	0																		
12	248	30.05	0.00	35	30	81	18	3	14																		
15	160	30.00	0.00	37	30	76	17	3	13																		
18	28	29.96	0.00	35	30	82	14	5	12																		
21	0	29.94	0.00	32	30	93	19	2	11																		

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	30.074	23	16	77	1.8	29	1.1
03	0	30.064	22	15	76	3.9	28	2.6
06	0	30.078	20	14	80	2.3	27	1.2
09	175	30.100	22	15	76	3.4	29	2.0
12	400	30.083	27	17	68	3.7	27	2.2
15	322	30.051	29	18	66	4.2	30	2.8
18	42	30.052	27	17	68	2.4	31	1.3
21	0	30.080	24	17	74	3.1	30	1.8

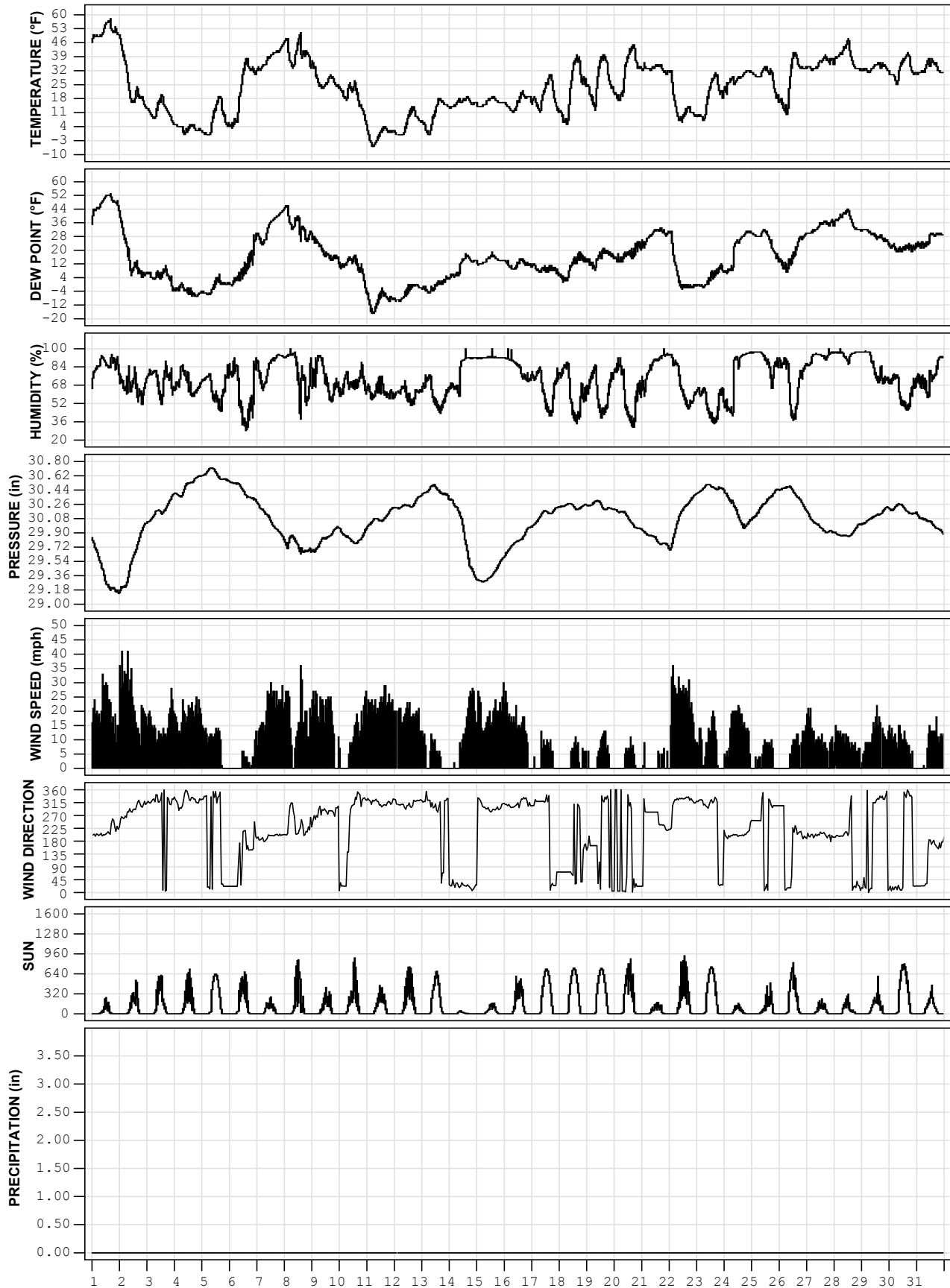
HOURLY PRECIPITATION (Water Equivalent) March 2017: Westford

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
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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

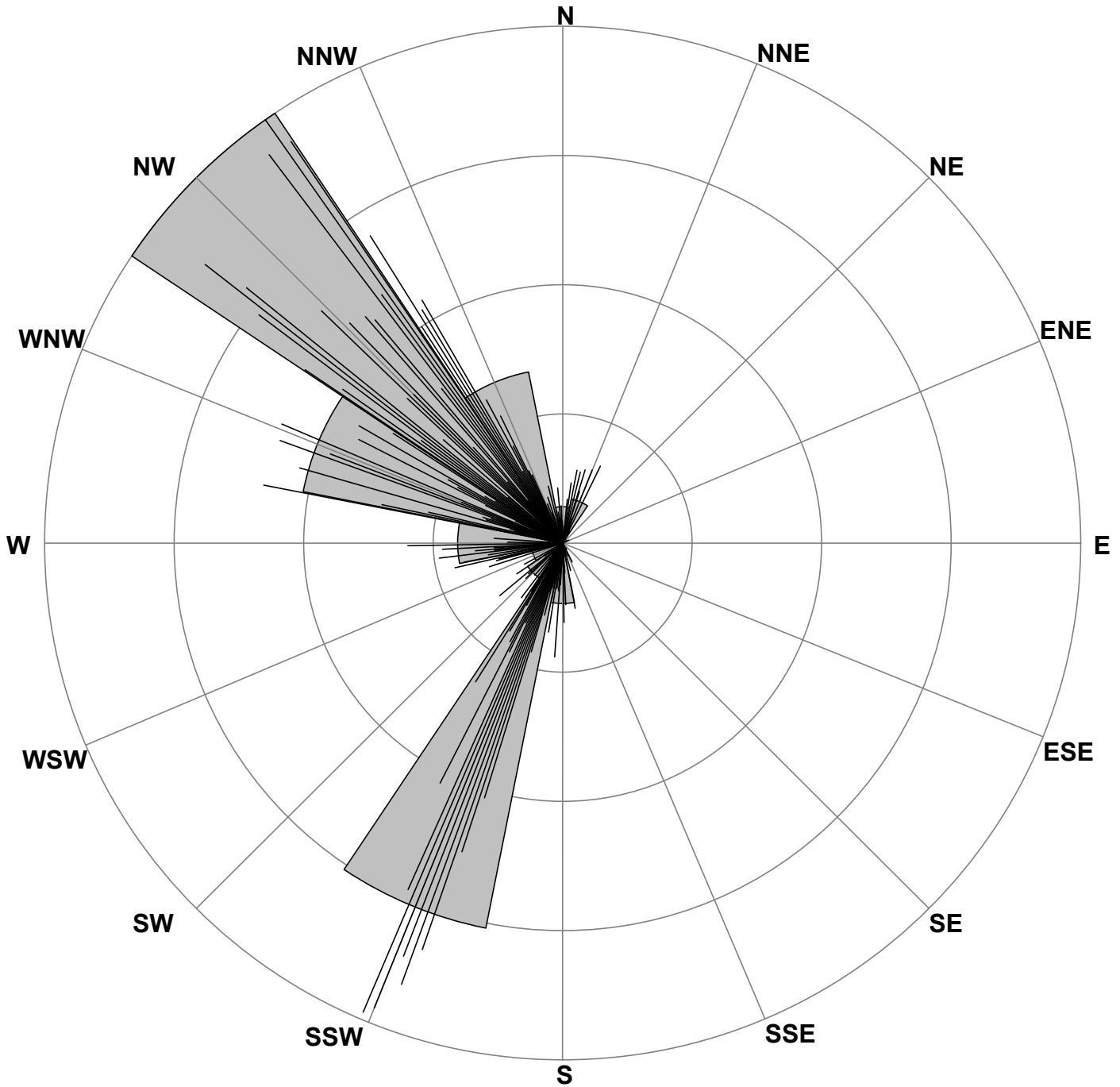
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA

March 2017: Westford



**Wind Rose: March 2017
Westford**



**Maximum direction of wind: 57.1 miles from 325°
Maximum sector of wind: 676.8 miles from NW
2196.0 total miles of wind**