

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### March 2020

Station: Westford  
 Latitude: 44° 37' 38" 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																
1	26.1	7.9*	17.0*	14.4	8	76	48	0	.....	9	0.01	0.3	30.12	29.99	30.069	1.4	1.3	262	13	WSW	9	268	115	
2	43.7	10.4	27.1	32.1	23	71	38	0	.....	8	0.10	T	30.07	29.64	29.802	5.0	4.9	171	29	S	15	166	32	
3	52.7	33.9	43.3	42.2	37	82	21	0	.....	5	0.10	0.0	29.70	29.20	29.534	1.4	1.4	184	14	SSE	9	167	122	
4	43.3	32.8	38.0	36.0	29	77	27	0	.....	4	0.05	T	29.75	29.20	29.508	7.7	7.5	235	31	WSW	18	260	66	
5	42.0	26.6	34.3	33.7	26	75	30	0	.....	4	0.00	0.0	30.10	29.75	29.991	2.8	2.6	257	15	WSW	10	259	169	
6	43.1	24.7	33.9	32.3	26	77	31	0	.....	2	0.00	0.0	30.09	29.93	30.005	1.9	1.6	329	18	N	9	340	111	
7	30.9	13.6	22.3	21.8	9	59	42	0	.....	2	0.00	0.0	30.34	30.09	30.266	2.3	2.0	337	24	N	10	360	178	
8	46.3	22.7	34.5	34.5	18	52	30	0	.....	1	0.00	0.0	30.33	30.14	30.257	3.5	3.1	193	17	SSE	10	175	178	
9	62.2*	39.3	50.8*	49.4	28	45	14	0	.....	1	T	0.0	30.14	30.05	30.102	3.9	3.7	180	17	SSE	10	184	164	
10	52.9	32.6	42.8	45.2	39	80	22	0	.....	T	0.26	0.0	30.10	29.68	29.872	4.2	2.8	211	24	WNW	14	284	32	
11	32.6	22.0	27.3	26.8	20	77	37	0	.....	T	T	0.0	30.20	29.97	30.124	1.9	1.8	307	19	NW	10	284	103	
12	45.7	24.4	35.1	34.1	25	71	30	0	.....	T	T	0.0	30.17	30.02	30.118	1.6	1.2	160	20	S	10	189	123	
13	47.7	35.7	41.7	40.3	32	74	23	0	.....	T	0.24	0.0	30.02	29.52	29.758	8.0	6.6	188	37	S	17	229	58	
14	43.2	29.3	36.3	36.2	22	56	29	0	.....	0	0.00	0.0	30.36	29.85	30.136	7.6	7.1	261	34	W	19	246	182	
15	28.5	13.2	20.8	22.0	12	66	44	0	.....	0	T	T	30.63	30.36	30.525	2.2	2.1	327	15	N	8	298	164	
16	39.2	8.5	23.9	24.6	9	57	41	0	.....	0	0.00	0.0	30.65	30.27	30.515	1.6	1.5	187	16	S	8	186	187	
17	39.5	29.2	34.4	35.2	28	77	30	0	.....	0	0.04	T	30.27	29.93	30.059	7.4	6.7	182	33	S	19	173	28	
18	44.0	27.9	35.9	35.3	22	58	29	0	.....	0	0.00	0.0	30.46	30.16	30.354	1.8	1.5	256	13	WSW	9	258	169	
19	47.5	33.8	40.6	40.9	31	69	24	0	.....	0	0.00	0.0	30.34	30.06	30.247	3.5	3.4	161	21	SE	10	160	128	
20	60.9	35.4	48.2	48.0	42	82	17	0	.....	0	0.12	0.0	30.06	29.43	29.718	8.8	6.6	189	34	SSE	21	257	62	
21	35.4	17.9	26.7	24.6	12	59	38	0	.....	0	0.00	0.0	30.56	29.94	30.344	5.0	4.9	298	30	W	16	269	207	
22	33.0	10.1	21.6	22.1	8	55	43	0	.....	0	0.00	0.0	30.75	30.56	30.674	1.6	1.4	315	13	W	9	270	215	
23	37.1	16.5	26.8	28.4	18	67	38	0	.....	4	0.00	4.0	30.61	30.10	30.374	3.3	3.3	158	24	SSE	12	136	76	
24	38.1	24.7	31.4	30.8	28	89	33	0	.....	2	0.37	0.5	30.21	30.05	30.138	0.6	0.5	307	13	WSW	6	282	67	
25	44.6	18.6	31.6	33.0	25	75	33	0	.....	T	0.01	0.0	30.20	30.03	30.108	1.7	1.7	170	20	S	11	178	167	
26	54.1	29.0	41.5	42.5	33	69	23	0	.....	0	0.14	0.0	30.03	29.65	29.857	4.1	4.0	175	22	SE	13	169	148	
27	49.5	32.7	41.1	38.9	30	72	23	0	.....	0	0.01	0.0	30.06	29.67	29.871	3.5	3.4	291	24	WNW	11	285	174	
28	53.6	23.9	38.7	39.7	22	52	26	0	.....	0	0.00	0.0	30.14	30.04	30.095	1.1	1.0	182	15	S	8	181	132	
29	45.6	36.5	41.0	42.0	35	76	23	0	.....	0	0.60	0.0	30.11	29.76	29.935	4.4	4.4	146	29	SSE	15	143	28	
30	46.8	35.4	41.1	38.6	36	89	24	0	.....	0	0.40	0.0	30.00	29.83	29.891	3.2	3.1	166	20	SSE	12	172	74	
31	50.0	29.6	39.8	39.0	28	69	25	0	.....	0	0.01	0.0	30.08	29.94	30.012	1.8	1.5	339	17	NW	9	284	234	
Sum	Sum	-----	-----	---	----	Ttl	Ttl				Total	Total	For the month:										---	
1360	779					936	0		Number of Days		2.46	4.8	30.75	29.20	30.073	3.5	1.9	209	37	S	21	257		
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip		Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg				
43.9	25.1	34.5	34.3	25	69.4	----	----		≥.01 inch	15	9.77	81.1	22	4	-----	----	----	---	13	20	126			
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	1	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			6762	0	Thunder	0	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	1	0.64	29-30	4.0	23	9						1						
0	3	21	0	----	----	Clear	6	Partly Cloudy			9	Cloudy			15									

NOTES:  
 Units: Temperature=°F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.  
 Column 4A: value is (MAX+MIN) ÷ 2.  
 Data in columns 4B, 5, 6, 15, 16, 23 are updated continuously, there by achieving a "true" mean.  
 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 W/m² and is continuously averaged for 24 hours.

# OBSERVATIONS AT 3-HOUR INTERVALS

## March 2020: 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	29.99	0.00	13	9	86	23	1	4	0	30.07	0.00	10	7	87	25	0	0	0	29.64	0.00	44	36	74	18	5	11
03	0	30.00	0.00	11	6	82	24	1	4	0	30.05	0.00	16	12	87	24	0	2	0	29.64	0.00	38	36	94	20	2	6
06	0	30.04	0.00	8	5	85	25	0	3	0	29.91	0.00	26	21	82	14	2	10	0	29.66	0.00	36	34	95	24	0	0
09	62	30.09	0.00	13	8	80	27	1	6	95	29.84	0.00	32	22	67	17	6	19	188	29.68	0.00	39	37	91	24	0	0
12	255	30.10	0.00	18	10	69	26	0	6	197	29.77	0.00	37	23	58	16	8	22	190	29.62	0.00	50	39	65	19	3	6
15	584	30.08	0.00	24	10	54	24	0	6	93	29.68	0.00	40	27	59	17	8	18	269	29.53	0.00	53	37	55	15	4	11
18	0	30.10	0.00	18	10	72	27	0	0	0	29.67	0.00	41	27	58	17	6	13	0	29.41	0.00	43	36	76	17	0	3
21	0	30.11	0.00	9	5	85	27	0	0	0	29.66	0.00	39	29	67	18	2	4	0	29.30	0.00	39	38	95	11	0	1
MAR 04									MAR 05									MAR 06									
00	0	29.20	0.00	43	42	97	18	5	12	0	29.75	0.00	34	28	78	22	5	13	0	30.07	0.00	27	24	89	04	0	0
03	0	29.29	0.00	38	32	79	22	9	19	0	29.84	0.00	31	26	81	23	3	8	0	30.03	0.00	28	24	86	03	1	3
06	0	29.38	0.00	35	31	85	23	9	19	0	29.94	0.00	29	25	84	27	2	8	0	30.00	0.00	28	24	86	07	0	3
09	141	29.45	0.00	35	29	80	22	11	22	369	30.02	0.00	34	27	74	26	7	11	371	30.00	0.00	37	27	66	34	1	4
12	171	29.51	0.00	36	26	67	24	10	24	737	30.03	0.00	39	27	61	29	3	11	455	29.97	0.00	42	27	55	32	1	7
15	104	29.56	0.00	37	26	66	24	8	13	459	30.02	0.00	42	26	53	26	9	13	225	29.94	0.00	38	30	72	32	3	10
18	0	29.66	0.00	36	28	73	25	6	16	0	30.07	0.00	34	28	76	32	2	8	0	29.98	0.00	32	28	83	35	6	13
21	0	29.72	0.00	34	28	77	20	3	9	0	30.09	0.00	30	26	85	04	0	0	0	30.06	0.00	29	25	85	35	3	11
MAR 07									MAR 08									MAR 09									
00	0	30.09	0.00	25	16	70	32	2	8	0	30.31	0.00	23	10	56	21	0	4	0	30.14	0.00	42	25	52	16	7	12
03	0	30.12	0.00	20	10	65	34	4	24	0	30.30	0.00	23	10	56	19	3	8	0	30.14	0.00	43	26	51	17	3	9
06	0	30.22	0.00	15	9	79	34	3	9	0	30.29	0.00	25	10	51	18	4	10	0	30.13	0.00	42	26	54	16	4	9
09	385	30.30	0.00	20	10	65	35	3	12	135	30.33	0.00	29	15	56	19	3	11	84	30.12	0.00	45	26	47	17	5	11
12	656	30.33	0.00	26	11	52	30	3	8	594	30.31	0.00	38	22	53	25	5	10	591	30.10	0.00	56	28	34	16	5	14
15	450	30.32	0.00	31	9	40	35	1	11	457	30.25	0.00	44	23	44	22	6	9	427	30.06	0.00	60	29	30	18	5	16
18	0	30.32	0.00	25	4	41	36	0	2	40	30.20	0.00	43	25	49	18	0	5	65	30.06	0.00	57	31	37	19	2	6
21	0	30.33	0.00	20	7	57	36	0	1	0	30.19	0.00	39	25	57	16	2	6	0	30.10	0.00	50	30	47	24	8	11
MAR 10									MAR 11									MAR 12									
00	0	30.10	0.00	52	34	49	23	5	17	0	29.97	0.00	33	31	95	28	8	20	0	30.13	0.00	25	21	87	36	0	0
03	0	30.04	0.00	42	39	88	19	0	1	0	30.04	0.00	30	26	87	28	1	12	0	30.13	0.00	25	21	84	35	1	3
06	0	29.99	0.00	41	38	90	19	0	0	0	30.10	0.00	26	21	83	29	3	11	0	30.14	0.00	26	21	83	04	0	0
09	63	29.90	0.00	47	39	74	17	3	8	100	30.16	0.00	22	16	77	32	2	13	90	30.17	0.00	28	23	82	04	0	0
12	113	29.80	0.00	52	35	52	17	8	17	281	30.18	0.00	26	17	69	29	2	9	541	30.14	0.00	37	27	69	10	0	3
15	118	29.71	0.00	48	43	81	16	9	20	323	30.14	0.00	29	16	60	06	3	7	338	30.11	0.00	45	28	52	15	6	12
18	30	29.69	0.00	47	45	92	17	3	8	16	30.15	0.00	29	18	64	00	0	0	44	30.10	0.00	43	29	57	07	0	7
21	0	29.80	0.00	44	43	95	28	4	11	0	30.14	0.00	26	21	83	36	0	1	0	30.07	0.00	39	29	68	10	0	3
MAR 13									MAR 14									MAR 15									
00	0	30.02	0.00	41	30	65	13	2	14	0	29.85	0.00	36	24	61	22	9	22	0	30.36	0.00	28	16	60	28	3	8
03	0	29.94	0.00	40	32	72	14	10	20	0	29.91	0.00	35	23	61	22	8	19	0	30.39	0.00	25	15	64	34	2	12
06	0	29.82	0.00	39	33	80	14	8	21	0	30.00	0.00	34	23	63	25	8	18	0	30.46	0.00	21	13	73	00	1	6
10	76	29.65	0.00	40	35	82	15	10	22	84	30.12	0.00	34	22	60	23	3	12	107	30.53	0.00	20	12	71	00	4	9
12	58	29.53	0.00	40	38	91	16	7	16	751	30.18	0.00	39	25	57	26	12	28	763	30.57	0.00	22	12	65	31	4	12
15	606	29.63	0.00	47	37	68	23	15	29	573	30.20	0.00	42	24	49	25	10	24	526	30.57	0.00	26	12	56	35	5	11
18	46	29.75	0.00	42	28	58	22	10	22	104	30.26	0.00	40	21	46	26	7	16	114	30.58	0.00	25	9	49	30	3	10
21	0	29.82	0.00	38	26	62	22	8	17	0	30.32	0.00	34	19	55	28	4	9	0	30.61	0.00	16	9	73	32	0	1
MAR 16									MAR 17									MAR 18									
00	0	30.62	0.00	14	9	80	32	0	0	0	30.27	0.00	33	10	38	16	4	9	0	30.16	0.00	37	27	68	28	0	6
03	0	30.61	0.00	12	8	84	32	0	0	0	30.18	0.00	33	21	60	16	7	15	0	30.25	0.00	32	20	61	23	6	12
06	0	30.65	0.00	11	7	86	32	0	0	0	30.11	0.00	30	27	89	16	8	18	0	30.33	0.00	30	19	65	29	4	10
09	227	30.64	0.00	16	11	80	32	0	0	51	30.02	0.00	34	29	81	16	11	27	120	30.42	0.00	30	19	64	35	2	7
12	661	30.59	0.00	29	10	43	17	3	10	54	29.97	0.00	35	31	84	16	11	22	686	30.45	0.00	37	23	57	31	1	7
15	471	30.47	0.00	37	11	34	18	6	11	69	29.94	0.00	37	34	88	17	5	15	408	30.41	0.00	43	20	40	27	3	9
18	67	30.38	0.00	37	8	30	16	4	10	44	29.99	0.00	39	33	80	23	7	16	54	30.36	0.00	42	21	43	13	2	4
21	0	30.33	0.00	32	10	38	18	2	5	0	30.07	0.00	38	30	72	19	6	14	0	30.37	0.00	36	23	59	13	0	0

## MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.03	0.05	0.06	0.08	0.11	0.14	0.17	0.20	0.24	0.25	0.27	0.28
Ended: Date	29	29	29	29	29	29	29	29	29	30	30	30
Ended: Time	1512	2119	2119	2124	2131	2124	2127	2119	2131	1506	1516	1516

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 2020: Westford

Hour	MAR 19									MAR 20									MAR 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	
00	0	30.33	0.00	35	23	61	13	0	0	0	30.06	0.00	40	35	81	15	2	10	0	29.94	0.00	35	29	78	28	7	26	
03	0	30.28	0.00	34	24	67	17	0	1	0	29.91	0.00	41	37	86	15	4	10	0	30.11	0.00	28	21	74	27	12	23	
06	0	30.30	0.00	38	28	68	18	4	14	0	29.78	0.00	41	39	93	15	7	20	0	30.22	0.00	22	16	77	30	7	20	
09	116	30.31	0.00	40	32	72	16	1	11	127	29.69	0.00	48	45	90	17	15	26	316	30.35	0.00	21	11	66	31	4	11	
12	468	30.31	0.00	45	33	64	13	6	10	72	29.60	0.00	53	50	88	17	8	30	689	30.43	0.00	26	10	51	31	2	14	
15	564	30.24	0.00	46	35	65	15	5	13	309	29.45	0.00	58	53	82	16	15	27	696	30.42	0.00	28	10	46	32	4	13	
18	51	30.21	0.00	44	35	70	16	3	12	53	29.55	0.00	60	46	60	21	14	33	135	30.45	0.00	27	7	43	30	1	8	
21	0	30.18	0.00	42	36	78	17	6	11	0	29.79	0.00	46	38	75	32	3	11	0	30.51	0.00	20	7	56	30	1	8	
MAR 22									MAR 23									MAR 24										
00	0	30.56	0.00	19	8	61	29	4	9	0	30.61	0.00	18	11	74	07	0	0	0	30.10	0.00	29	28	94	17	0	0	
03	0	30.60	0.00	17	5	61	35	4	10	0	30.57	0.00	20	11	68	15	0	1	0	30.07	0.00	29	27	95	09	0	0	
06	0	30.67	0.00	12	4	68	33	0	4	0	30.53	0.00	27	11	51	17	2	9	0	30.08	0.00	29	28	95	33	0	3	
09	318	30.74	0.00	19	6	56	00	2	9	137	30.47	0.00	30	12	48	15	3	15	16	30.14	0.00	30	29	96	29	1	4	
12	701	30.74	0.00	27	5	38	31	4	11	308	30.39	0.00	35	15	44	17	4	15	70	30.17	0.00	32	29	91	27	2	9	
15	629	30.70	0.00	32	10	41	33	2	11	100	30.29	0.00	33	22	65	11	3	18	418	30.15	0.10	37	30	75	00	2	7	
18	142	30.68	0.00	32	10	40	28	3	7	7	30.20	0.00	29	27	90	14	0	1	130	30.16	0.00	37	29	75	01	0	0	
21	0	30.66	0.00	23	11	60	02	0	3	0	30.17	0.00	29	27	93	16	2	7	0	30.19	0.00	27	25	92	01	0	0	
MAR 25									MAR 26									MAR 27										
00	0	30.20	0.00	25	23	93	01	0	0	0	30.03	0.00	34	27	76	17	1	3	0	29.67	0.00	43	41	93	26	1	7	
03	0	30.17	0.00	22	20	93	01	0	0	0	30.00	0.00	33	26	76	18	0	3	0	29.73	0.00	36	33	89	28	6	15	
06	0	30.16	0.00	20	18	93	01	0	0	0	29.99	0.00	31	27	84	18	0	0	0	29.78	0.00	33	30	90	27	1	7	
09	195	30.15	0.00	29	27	91	18	2	6	327	29.98	0.00	39	29	67	18	7	11	179	29.85	0.00	35	32	88	29	3	12	
12	671	30.12	0.00	42	26	53	15	7	20	751	29.91	0.00	47	34	59	17	8	16	318	29.88	0.00	40	33	77	34	2	11	
15	385	30.07	0.00	44	29	54	15	4	10	171	29.79	0.00	52	35	53	17	4	12	649	29.89	0.00	47	29	49	27	6	14	
18	77	30.05	0.00	42	29	60	16	1	6	60	29.68	0.00	52	36	55	17	7	17	163	29.94	0.00	47	27	45	02	2	8	
21	0	30.04	0.00	35	28	76	17	0	3	0	29.68	0.00	45	41	85	18	2	6	0	30.03	0.00	34	21	59	35	0	1	
MAR 28									MAR 29									MAR 30										
00	0	30.05	0.00	34	19	56	27	1	2	0	30.11	0.00	42	28	56	18	0	0	0	29.88	0.00	37	35	90	16	6	14	
03	0	30.10	0.00	28	20	72	24	0	0	0	30.07	0.00	45	28	50	15	0	6	0	29.86	0.00	38	35	89	16	5	9	
06	0	30.10	0.00	24	19	78	24	0	4	0	30.03	0.00	45	33	64	12	5	12	0	29.85	0.00	36	33	90	18	5	16	
09	360	30.13	0.00	35	24	64	02	1	4	51	30.02	0.00	44	38	80	13	1	8	207	29.85	0.00	40	36	87	17	5	11	
12	369	30.13	0.00	46	21	38	18	1	7	120	29.94	0.00	43	40	89	06	2	7	104	29.86	0.00	43	38	82	14	1	16	
15	244	30.09	0.00	51	18	27	19	5	8	72	29.83	0.00	41	38	88	13	9	24	127	29.87	0.09	39	37	92	10	2	9	
18	63	30.06	0.00	51	23	34	18	3	6	28	29.79	0.00	40	35	81	15	11	26	44	29.91	0.00	40	37	90	10	0	3	
21	0	30.10	0.00	45	29	54	18	0	0	0	29.88	0.07	37	34	91	14	8	19	0	29.98	0.00	37	35	94	13	0	0	
MAR 31																												
00	0	30.00	0.00	36	35	95	13	0	0																			
03	0	30.02	0.00	34	33	95	13	0	0																			
06	0	30.05	0.00	33	32	96	06	0	1																			
09	369	30.07	0.00	37	33	85	07	3	8																			
12	826	30.03	0.00	46	36	67	31	3	7																			
15	663	29.98	0.00	49	27	43	30	3	11																			
18	186	29.98	0.00	47	20	33	34	3	8																			
21	0	29.98	0.00	35	18	48	00	4	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 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	30.073	32	24	74	2.6	22	1.6
03	0	30.076	30	23	76	2.9	22	1.4
06	0	30.087	29	23	79	2.8	20	1.4
09	176	30.103	32	25	74	3.9	19	1.9
12	426	30.086	38	26	63	4.4	20	2.2
15	372	30.044	41	26	57	5.5	20	2.9
18	57	30.045	39	25	60	3.4	21	1.9
21	0	30.074	34	25	72	2.2	22	1.1

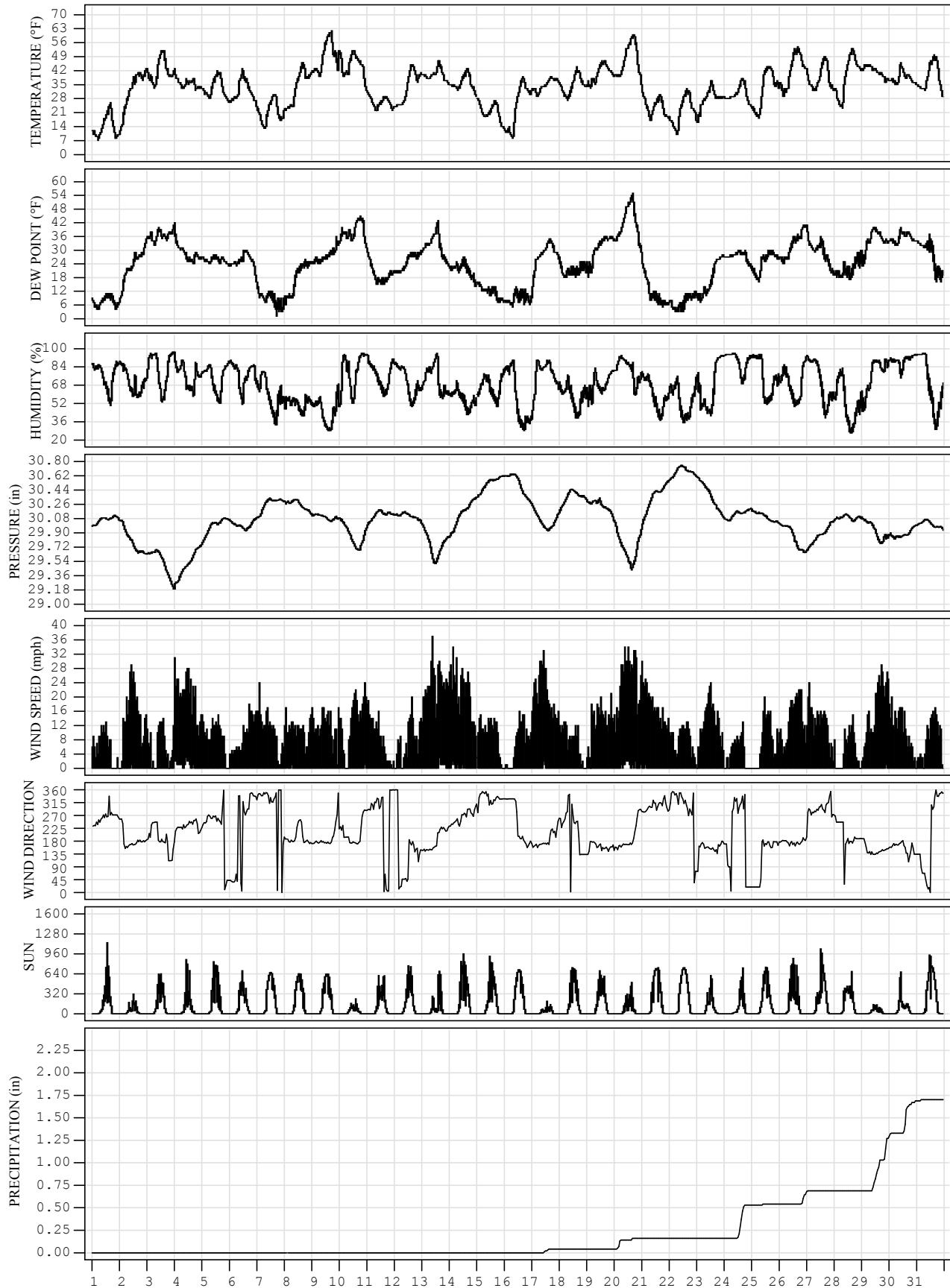
## HOURLY PRECIPITATION (Water Equivalent) March 2020: Westford

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
06																									06
07																									07
08																									08
09																									09
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17											0.01	0.01		0.01	0.01										17
18																									18
19																									19
20			0.01	0.02	0.06	0.01									0.02										20
21																									21
22																									22
23																									23
24																									24
25									0.01		0.01	0.04	0.07	0.09	0.09	0.05	0.02								25
26																									26
27	0.01																		0.01	0.05	0.04	0.01	0.03		27
28																									28
29											0.04	0.05	0.04	0.06	0.04	0.03	0.08								29
30	0.03	0.01									0.02	0.08	0.16	0.03	0.01	0.02				0.01	0.12	0.11	0.02		30
31				0.01																					31
<b>Sum</b>	0.04	0.01	0.01	0.03	0.06	0.01	0.00	0.00	0.00	0.05	0.06	0.06	0.12	0.20	0.29	0.22	0.06	0.04	0.00	0.04	0.17	0.15	0.03	0.05	<b>Sum</b>

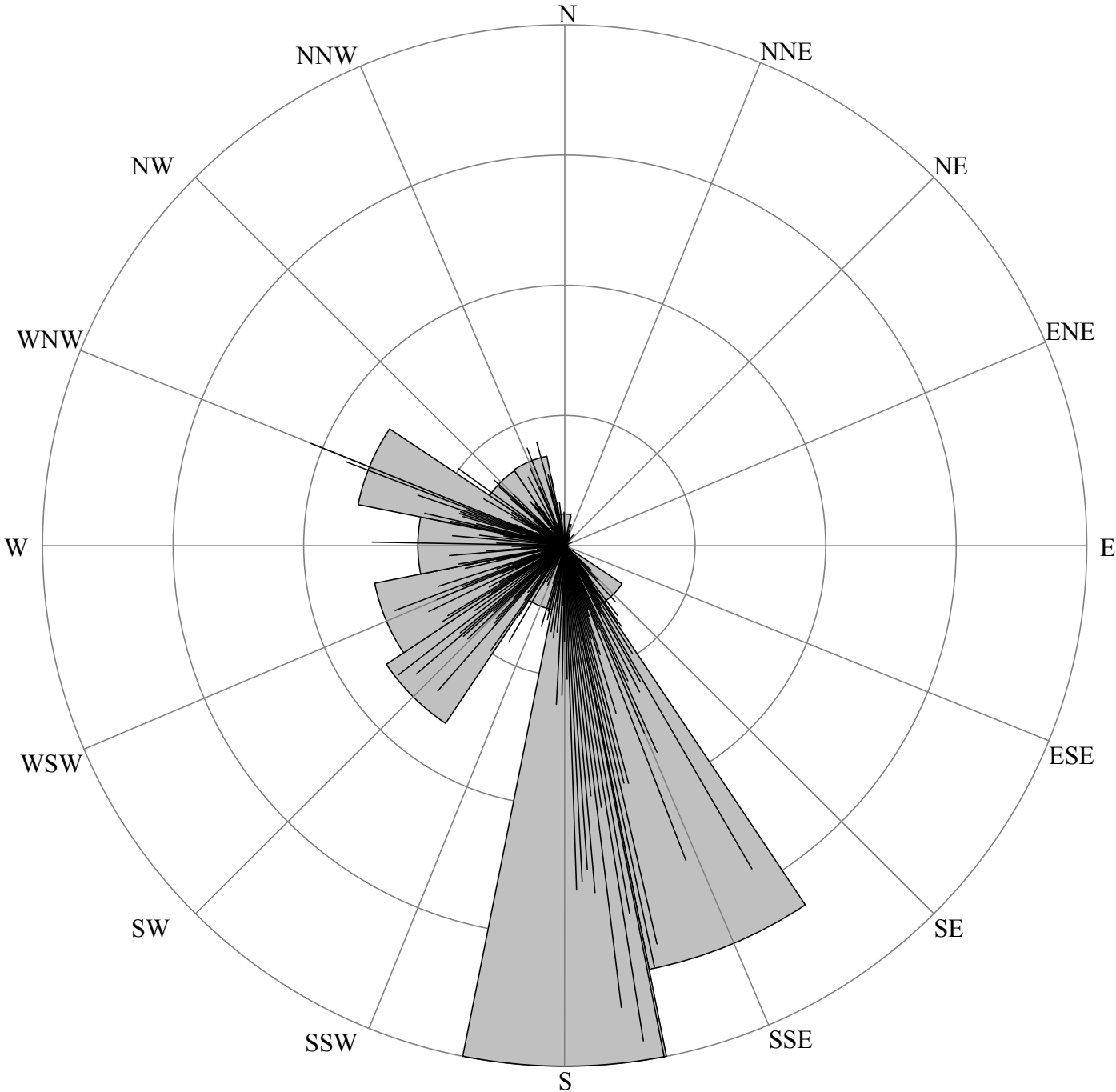
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

# HOUR-BY-HOUR DATA

## March 2020: Westford



Wind Rose: March 2020  
Westford



Maximum direction of wind: 71.8 miles from 169°  
Maximum sector of wind: 651.3 miles from S  
2599.5 total miles of wind