

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

March 2019

Station: Westford
 Latitude: 44° 37' 38" N Longitude: 73° 02' 29" W Elevation (Ground): 850 feet Time Zone: Eastern

Date	Temperature					Humidity Mean	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		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	33.9	2.3	18.1	17.6	6	62	47	0	.....	7	0.00	0.0	30.34	30.21	30.282	0.9	0.9	206	13	SSW	8	196	158
2	37.4	17.0	27.2	26.0	15	65	38	0	.....	6	T	T	30.21	29.96	30.059	0.4	0.4	310	11	WNW	7	290	139
3	32.1	15.0	23.5	25.7	20	79	41	0	.....	7	0.03	0.2	30.10	29.88	30.009	0.7	0.6	240	12	WNW	7	211	95
4	27.3	11.9	19.6	21.6	15	78	45	0	.....	9	0.10	1.5	29.90	29.72	29.795	1.5	1.2	290	23	W	11	288	40
5	21.8	4.1	12.9	13.5	4	67	52	0	.....	8	0.01	0.3	29.95	29.86	29.909	1.5	1.3	254	14	WSW	7	262	130
6	17.6	3.2	10.4	9.3	-0	66	54	0	.....	8	T	T	30.12	29.88	29.993	2.3	2.1	278	19	NW	11	296	146
7	15.2	1.0	8.1*	8.4	1	73	57	0	.....	8	T	T	30.25	30.10	30.172	1.2	1.1	259	14	WNW	8	303	132
8	30.8	4.9	17.8	18.6	7	61	47	0	.....	8	0.00	0.0	30.29	30.10	30.209	3.6	3.5	212	19	S	10	211	176
9	33.3	16.3	24.8	23.4	10	58	40	0	.....	0	0.00	0.0	30.40	30.14	30.292	0.6	0.4	297	12	W	6	327	180
10	33.4	18.2	25.8	30.3	22	73	39	0	...4.....	7	0.15	0.1	30.30	29.79	29.994	4.2	4.2	186	32	SE	14	198	47	
11	36.2	25.9	31.1	33.7	28	80	34	0	.....	7	0.07	0.6	29.93	29.75	29.809	5.0	4.5	259	29	W	15	321	34
12	30.1	15.9	23.0	24.4	17	74	42	0	.....	7	T	T	30.24	29.93	30.112	2.4	2.4	319	23	WNW	12	303	179
13	35.7	15.0	25.4	26.8	19	72	39	0	.....	9	0.23	1.3	30.31	30.19	30.249	1.6	1.6	211	15	SSW	8	233	93
14	54.4	27.9	41.2	40.8	32	74	24	0	.....	6	T	T	30.23	29.82	30.055	2.1	2.1	196	25	S	14	198	120
15	55.3*	41.1	48.2*	47.3	41	79	17	0	..3.....	2	0.06	0.0	29.83	29.57	29.640	5.7	4.7	224	26	SW	14	215	83	
16	41.5	23.6	32.6	32.4	24	72	32	0	.....	2	0.02	0.8	29.95	29.60	29.768	5.5	5.3	276	32	WSW	17	297	104
17	26.9	17.3	22.1	21.8	12	66	43	0	.....	2	0.02	0.6	30.13	29.95	30.076	3.8	3.7	296	23	WSW	15	274	136
18	32.8	14.1	23.4	23.5	10	58	41	0	.....	2	0.00	0.0	30.27	30.13	30.199	1.3	1.2	296	16	WNW	9	278	205
19	34.4	12.0	23.2	24.2	9	53	42	0	.....	2	0.00	0.0	30.39	30.27	30.333	0.6	0.5	310	14	W	8	299	206
20	47.7	18.1	32.9	33.1	19	56	32	0	.....	2	0.00	0.0	30.34	30.13	30.246	1.8	1.8	206	19	SSW	11	201	202
21	44.5	33.2	38.9	39.3	30	70	26	0	.....	2	T	0.0	30.14	29.74	29.985	4.0	4.0	204	22	S	12	209	70
22	35.3	30.5	32.9	32.7	31	94	32	0	.....	9	0.86	7.0	29.75	29.24	29.409	1.7	1.6	334	26	NW	11	313	35
23	30.5	20.2	25.4	24.9	21	86	39	0	.....	12	0.50	6.4	29.98	29.27	29.699	3.7	3.6	320	30	N	16	332	128
24	45.5	20.6	33.1	31.9	23	70	31	0	.....	8	0.01	0.4	30.01	29.90	29.965	1.4	1.1	235	18	W	8	274	211
25	33.2	17.6	25.4	25.0	9	53	39	0	.....	7	0.00	0.0	30.14	29.99	30.076	1.7	1.6	306	19	W	11	291	228
26	32.0	15.4	23.7	23.6	8	52	41	0	.....	6	0.00	0.0	30.39	30.11	30.280	1.0	0.8	325	14	WNW	8	299	229
27	45.4	14.0	29.7	30.2	8	41	35	0	.....	5	0.00	0.0	30.50	30.29	30.405	1.9	1.9	209	15	SSW	9	225	227
28	44.9	32.4	38.7	39.5	22	50	26	0	.....	4	0.00	0.0	30.29	29.98	30.116	7.1	7.1	206	30	SSW	15	201	93
29	45.0	28.1	36.6	39.8	32	73	28	0	.....	3	0.01	0.0	30.13	29.94	30.003	1.7	1.5	215	16	SSW	8	207	61
30	54.3	24.9	39.6	39.9	34	80	25	0	.....	2	0.01	0.0	30.13	29.63	29.906	1.3	1.3	193	15	S	8	200	84
31	53.8	28.2	41.0	41.0	35	81	24	0	.....	1	0.41	T	29.78	29.46	29.608	2.0	1.0	253	21	WNW	13	300	41
Sum	Sum	-----	-----	---	----	Ttl	Ttl						Total	Total	For the month:						---			
1142	570					1152	0		Number of Days				2.49	19.2	30.50	29.24	30.021	2.4	1.6	245	32	SE	17	297
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip				Season Ttl	Date	Date	-----	----	---		Date	Date	Avg		
36.8	18.4	27.6	28.1	18	68.3	----	----		≥.01 inch	15			10.64	120.3	27	22	-----	----	---		10+	16	129	
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			7123	0	Thunder	1	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.41	31	7.0	22	12						23						
0	10	29	0	----	----	Clear	7	Partly Cloudy			9	Cloudy			14									

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 2019: Westford

Hour	MAR 01									MAR 02									MAR 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	30.30	0.00	5	-3	69	28	0	0	0	30.21	0.00	19	14	81	21	0	0	0	30.00	0.00	22	18	84	03	0	0
03	0	30.30	0.00	5	-2	70	27	0	0	0	30.17	0.00	19	11	73	14	0	0	0	30.02	0.00	22	18	87	32	0	0
06	0	30.31	0.00	4	-3	71	27	0	0	0	30.14	0.00	18	12	76	05	0	0	0	30.06	0.00	18	15	87	32	0	0
09	329	30.33	0.00	17	3	54	21	3	9	214	30.10	0.00	28	14	55	01	0	2	190	30.09	0.00	25	20	79	23	0	5
12	601	30.30	0.00	28	12	49	19	2	7	649	30.01	0.00	37	16	42	04	0	6	353	30.07	0.00	29	22	74	22	4	7
15	411	30.26	0.00	33	10	38	20	1	7	179	29.97	0.00	33	17	52	30	0	4	172	29.98	0.00	32	20	61	23	2	8
18	0	30.24	0.00	25	13	60	21	0	0	0	29.97	0.00	30	19	62	01	0	0	0	29.95	0.00	29	20	68	23	0	6
21	0	30.24	0.00	21	14	73	21	0	0	0	30.01	0.00	24	16	72	30	1	6	0	29.93	0.00	27	24	88	20	0	6
MAR 04									MAR 05									MAR 06									
00	0	29.89	0.00	26	24	92	21	0	0	0	29.89	0.00	13	3	62	24	1	7	0	29.89	0.00	10	4	74	25	2	7
03	0	29.81	0.00	24	22	92	03	0	0	0	29.92	0.00	8	-0	69	25	0	7	0	29.89	0.00	9	3	77	25	4	13
06	0	29.79	0.00	20	17	91	03	0	0	0	29.94	0.00	9	1	69	26	2	8	0	29.93	0.00	6	0	78	25	4	10
09	30	29.77	0.00	23	20	89	34	1	7	343	29.95	0.00	13	3	62	27	0	5	364	29.99	0.00	9	1	69	25	2	14
12	107	29.74	0.00	27	20	75	35	2	7	350	29.92	0.00	18	4	53	22	2	8	638	30.00	0.00	15	-5	41	32	0	11
15	97	29.73	0.00	25	16	69	32	0	0	199	29.87	0.00	20	6	54	24	2	10	163	30.00	0.00	13	2	60	28	1	10
18	0	29.77	0.00	20	9	61	26	2	8	0	29.88	0.00	16	12	81	27	1	8	0	30.04	0.00	11	0	62	31	2	9
21	0	29.85	0.00	14	3	61	25	6	12	0	29.91	0.00	14	8	78	25	0	6	0	30.10	0.00	6	-4	62	27	0	6
MAR 07									MAR 08									MAR 09									
00	0	30.12	0.00	5	-2	72	20	0	6	0	30.25	0.00	7	-0	70	21	3	7	0	30.14	0.00	20	8	59	21	0	0
03	0	30.10	0.00	1	-3	82	26	0	0	0	30.27	0.00	7	0	73	23	1	9	0	30.16	0.00	21	6	52	23	1	8
06	0	30.14	0.00	3	-1	84	24	0	5	0	30.29	0.00	5	-1	77	24	0	0	0	30.23	0.00	18	8	65	27	0	8
09	200	30.18	0.00	8	1	74	26	5	9	360	30.29	0.00	15	7	69	21	5	12	367	30.32	0.00	25	12	58	32	1	9
12	541	30.16	0.00	14	1	55	30	3	9	675	30.25	0.00	25	10	54	19	7	14	645	30.33	0.00	30	14	52	31	0	5
15	214	30.16	0.00	15	8	74	33	0	0	455	30.16	0.00	30	13	47	19	2	12	466	30.36	0.00	32	11	41	32	0	6
18	0	30.21	0.00	11	4	71	25	0	4	0	30.10	0.00	27	13	55	20	4	10	0	30.38	0.00	25	10	54	01	0	0
21	0	30.24	0.00	8	0	69	21	1	4	0	30.11	0.00	24	10	54	21	5	13	0	30.32	0.00	20	12	68	08	0	0
MAR 10									MAR 11									MAR 12									
00	0	30.30	0.00	18	10	70	11	0	0	0	29.80	0.00	33	31	92	21	0	8	0	29.93	0.00	26	23	89	30	11	21
03	0	30.25	0.00	29	10	45	17	4	18	0	29.78	0.00	33	32	94	20	6	9	0	29.99	0.00	24	21	86	30	3	9
06	0	30.17	0.00	29	17	61	17	6	19	0	29.77	0.00	35	30	79	25	7	26	0	30.02	0.00	24	20	84	32	4	15
09	25	30.10	0.00	27	22	83	18	3	19	23	29.78	0.00	35	28	75	26	4	19	125	30.10	0.00	23	18	81	34	1	11
12	93	29.98	0.00	31	23	71	18	7	23	56	29.80	0.00	36	28	73	26	4	16	621	30.13	0.00	27	17	65	35	1	18
15	107	29.87	0.00	32	25	75	19	2	21	109	29.79	0.00	34	27	76	24	6	22	585	30.14	0.00	30	17	59	31	5	13
18	16	29.81	0.00	32	28	84	17	4	13	28	29.83	0.00	34	26	74	26	4	20	120	30.19	0.00	29	15	57	33	0	5
21	0	29.82	0.00	32	30	91	20	3	12	0	29.88	0.00	31	27	82	26	1	11	0	30.24	0.00	20	14	75	07	0	0
MAR 13									MAR 14									MAR 15									
00	0	30.24	0.00	17	11	77	07	0	0	0	30.22	0.00	31	30	95	22	0	0	0	29.83	0.00	47	38	69	21	8	22
03	0	30.27	0.00	18	12	79	11	0	0	0	30.19	0.00	31	29	94	20	0	0	0	29.71	0.00	47	41	80	20	8	14
06	0	30.26	0.00	20	13	74	20	0	0	0	30.18	0.00	31	29	95	20	0	0	0	29.60	0.00	45	43	91	17	9	18
10	142	30.31	0.00	25	16	71	21	6	12	40	30.16	0.00	35	32	87	13	0	0	88	29.58	0.00	47	44	89	21	10	24
12	360	30.27	0.00	32	19	60	19	3	8	302	30.10	0.00	43	33	69	21	4	10	236	29.57	0.00	52	47	85	21	9	20
15	223	30.21	0.00	34	22	62	17	0	11	517	30.00	0.00	53	36	53	17	2	11	680	29.60	0.00	51	40	65	28	7	18
18	37	30.21	0.00	33	24	67	18	1	12	47	29.92	0.00	48	36	63	19	1	9	32	29.64	0.00	46	38	71	26	1	10
21	0	30.23	0.00	30	28	93	19	3	7	0	29.86	0.00	47	32	56	19	4	15	0	29.65	0.00	44	37	76	28	3	9
MAR 16									MAR 17									MAR 18									
00	0	29.64	0.00	41	35	78	27	1	8	0	29.95	0.00	24	20	87	31	4	9	0	30.13	0.00	23	16	75	32	2	9
03	0	29.61	0.00	39	31	73	25	8	14	0	30.00	0.00	21	16	80	31	3	12	0	30.15	0.00	19	11	69	30	0	5
06	0	29.64	0.00	37	30	77	25	5	21	0	30.05	0.00	18	6	59	32	1	15	0	30.17	0.00	15	8	74	25	0	0
09	49	29.72	0.00	32	25	73	28	10	23	167	30.10	0.00	19	10	67	30	10	18	265	30.21	0.00	20	9	61	29	4	9
12	128	29.77	0.00	32	24	72	31	9	24	383	30.12	0.00	23	10	57	30	7	14	796	30.22	0.00	26	10	50	30	4	11
15	345	29.83	0.00	31	19	62	30	8	21	309	30.09	0.00	25	11	55	30	5	15	622	30.19	0.00	31	11	43	27	3	7
18	32	29.88	0.00	31	18	59	31	1	11	47	30.09	0.00	24	10	55	29	2	19	148	30.21	0.00	32	13	45	33	1	6
21	0	29.92	0.00	27	19	72	31	4	8	0	30.12	0.00	24	13	62	26	3	9	0	30.25	0.00	24	9	52	01	0	0

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	1.21	2.16	2.92	2.92	2.93	2.94	2.94	2.94	2.94	2.94	2.94	2.94
Ended: Date	15	15	15	15	15	15	15	15	15	15	15	15
Ended: Time	1411	1415	1420	1420	1428	1438	1438	1438	1438	1438	1438	1438

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 2019: 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	30.27	0.00	24	9	53	02	0	0	0	30.34	0.00	19	11	73	32	0	0	0	30.13	0.00	33	24	68	21	0	0
03	0	30.29	0.00	21	9	60	02	0	0	0	30.33	0.00	20	11	67	20	0	0	0	30.12	0.00	38	24	57	19	4	12
06	0	30.30	0.00	13	7	76	02	0	0	0	30.31	0.00	20	11	67	19	1	5	0	30.09	0.00	38	28	68	19	6	15
09	269	30.35	0.00	22	12	65	02	0	0	264	30.31	0.00	30	18	60	20	8	13	130	30.07	0.00	39	30	69	21	2	12
12	668	30.38	0.00	29	5	35	33	3	13	677	30.27	0.00	40	25	54	21	4	14	109	30.00	0.00	41	30	66	19	7	16
15	624	30.35	0.00	33	8	35	00	1	10	619	30.20	0.00	46	23	40	20	6	13	162	29.92	0.00	44	34	67	17	2	13
18	146	30.33	0.00	33	10	37	34	0	0	149	30.15	0.00	47	23	39	20	2	9	23	29.88	0.00	41	35	78	20	1	11
21	0	30.34	0.00	24	10	56	32	0	0	0	30.15	0.00	37	23	57	18	0	0	0	29.86	0.00	38	34	84	15	2	6
MAR 22									MAR 23									MAR 24									
00	0	29.75	0.00	35	33	92	10	0	0	0	29.27	0.00	31	29	96	32	4	21	0	29.98	0.00	22	16	76	26	0	4
03	0	29.68	0.00	34	32	92	21	0	0	0	29.36	0.00	27	26	95	33	9	26	0	30.00	0.00	24	16	70	23	2	10
06	0	29.56	0.00	34	31	90	03	0	0	0	29.52	0.00	22	21	94	32	10	20	0	29.99	0.00	21	15	79	20	1	6
09	9	29.47	0.00	32	31	95	08	0	0	37	29.66	0.00	21	19	93	31	2	11	313	30.00	0.00	29	20	71	20	3	9
12	118	29.33	0.00	34	33	94	03	0	8	163	29.75	0.00	23	21	92	31	0	1	686	29.97	0.00	39	26	59	26	6	13
15	137	29.25	0.00	33	31	94	02	1	13	775	29.82	0.00	28	25	87	30	2	13	234	29.91	0.00	45	29	52	01	0	1
18	11	29.25	0.00	31	29	95	01	0	13	206	29.90	0.00	29	22	73	29	0	4	62	29.91	0.00	39	28	66	03	0	0
21	0	29.25	0.00	32	31	96	32	5	20	0	29.97	0.00	25	16	69	28	1	7	0	29.96	0.00	32	27	82	02	0	6
MAR 25									MAR 26									MAR 27									
00	0	29.99	0.00	28	26	92	31	3	16	0	30.11	0.00	24	7	47	26	3	8	0	30.39	0.00	21	7	55	32	0	0
03	0	30.04	0.00	24	16	73	32	2	9	0	30.16	0.00	21	9	60	31	1	6	0	30.41	0.00	15	5	63	22	0	0
06	0	30.07	0.00	20	14	77	31	1	6	0	30.22	0.00	18	8	66	03	0	10	0	30.45	0.00	14	5	66	22	0	0
09	320	30.13	0.00	22	7	52	32	3	9	318	30.31	0.00	22	9	57	02	3	7	320	30.49	0.00	27	8	43	19	2	10
12	717	30.12	0.00	26	3	38	31	3	9	717	30.33	0.00	26	8	47	32	3	11	714	30.48	0.00	38	10	31	19	1	9
15	675	30.07	0.00	31	7	35	32	2	9	671	30.30	0.00	30	9	40	00	0	9	664	30.40	0.00	43	9	25	20	4	11
18	190	30.03	0.00	32	3	29	31	2	8	195	30.32	0.00	30	11	44	01	1	9	186	30.34	0.00	43	8	23	22	6	12
21	0	30.08	0.00	22	9	56	31	0	0	0	30.36	0.00	23	7	49	01	0	0	0	30.33	0.00	36	11	34	19	3	13
MAR 28									MAR 29									MAR 30									
00	0	30.29	0.00	34	9	34	19	1	8	0	30.00	0.00	44	30	57	19	5	11	0	30.12	0.00	28	25	87	05	0	0
03	0	30.26	0.00	35	13	40	20	9	19	0	29.96	0.00	43	31	63	21	5	9	0	30.10	0.00	25	22	87	05	0	0
06	0	30.23	0.00	33	18	53	20	7	21	0	29.96	0.00	42	32	66	22	6	12	0	30.06	0.00	27	24	89	05	0	0
09	258	30.18	0.00	36	21	55	19	7	24	37	29.96	0.00	41	33	74	19	0	8	40	30.02	0.00	34	31	88	14	0	0
12	336	30.11	0.00	40	23	50	21	6	23	127	29.97	0.00	43	34	72	20	4	10	292	29.92	0.00	42	36	82	20	1	8
15	62	30.04	0.00	43	25	50	19	8	25	139	29.98	0.00	40	37	87	32	0	0	260	29.82	0.00	50	41	70	21	6	12
18	69	30.00	0.00	44	30	58	21	3	14	144	30.03	0.00	41	32	69	34	1	11	63	29.72	0.00	52	42	69	17	3	10
21	0	29.99	0.00	45	29	53	20	8	18	0	30.11	0.00	33	28	83	05	0	0	0	29.71	0.00	52	42	69	17	0	10
MAR 31																											
00	0	29.63	0.00	53	42	65	19	4	11																		
03	0	29.55	0.00	53	41	65	19	5	12																		
06	0	29.46	0.00	52	42	69	18	5	14																		
09	40	29.47	0.00	50	42	75	20	0	0																		
12	46	29.57	0.06	37	35	94	33	0	0																		
15	283	29.64	0.00	37	34	91	06	0	0																		
18	30	29.72	0.00	32	28	85	32	8	19																		
21	0	29.76	0.00	31	27	86	33	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 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	30.032	25	18	74	1.7	26	1.1
03	0	30.027	24	17	73	2.4	23	1.6
06	0	30.029	23	16	76	2.4	23	1.5
09	183	30.048	27	18	71	3.1	24	2.0
12	416	30.031	32	19	62	3.5	24	2.2
15	360	29.997	34	20	59	2.5	25	1.6
18	64	29.997	32	20	62	1.6	25	0.8
21	0	30.018	28	19	70	1.8	24	1.2

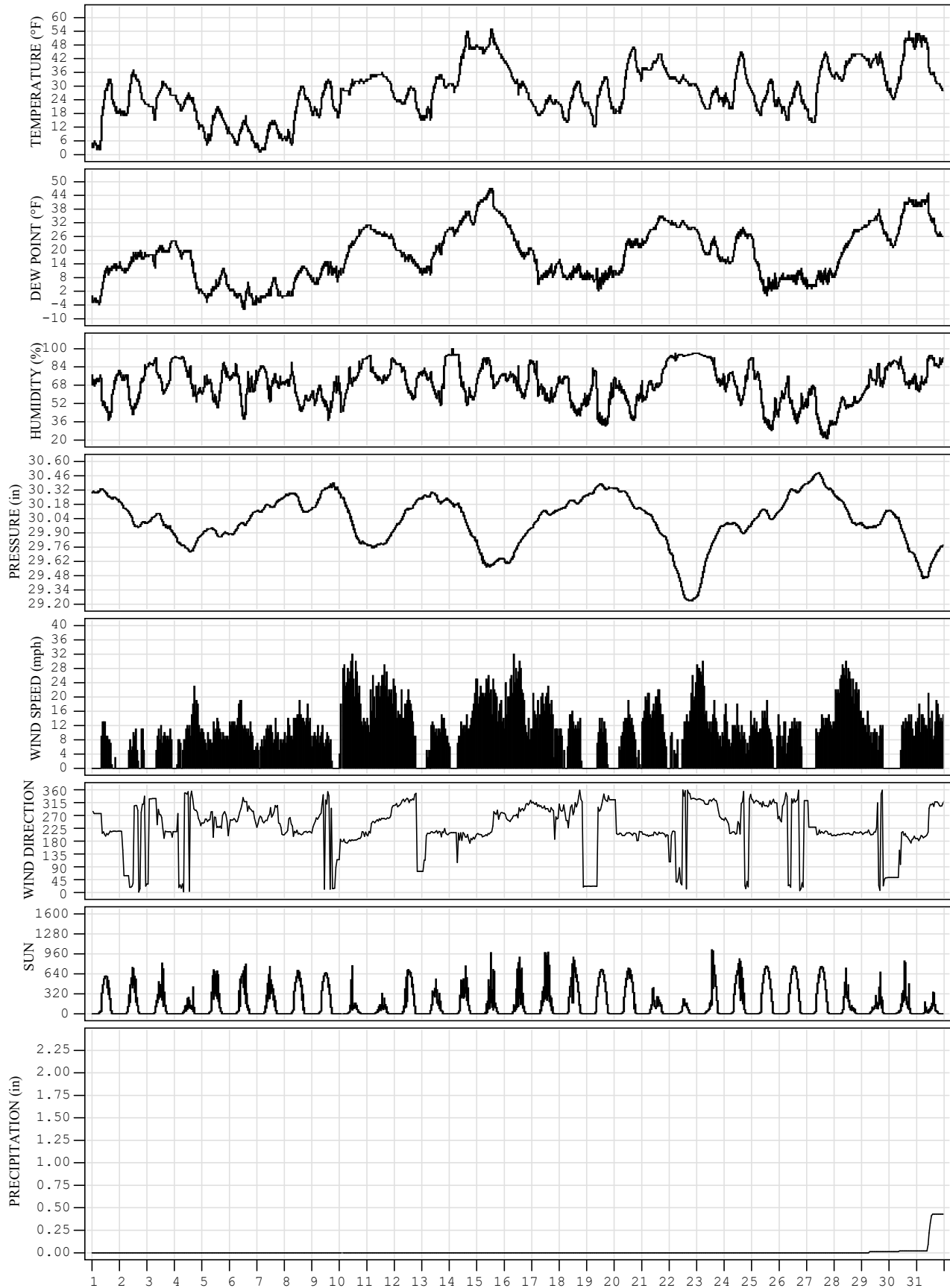
HOURLY PRECIPITATION (Water Equivalent) March 2019: Westford

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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27																									27
28								0.01																	28
29									0.01																29
30										0.07	0.13	0.11	0.08	0.02											30
31																									31
Sum	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.07	0.13	0.11	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Sum

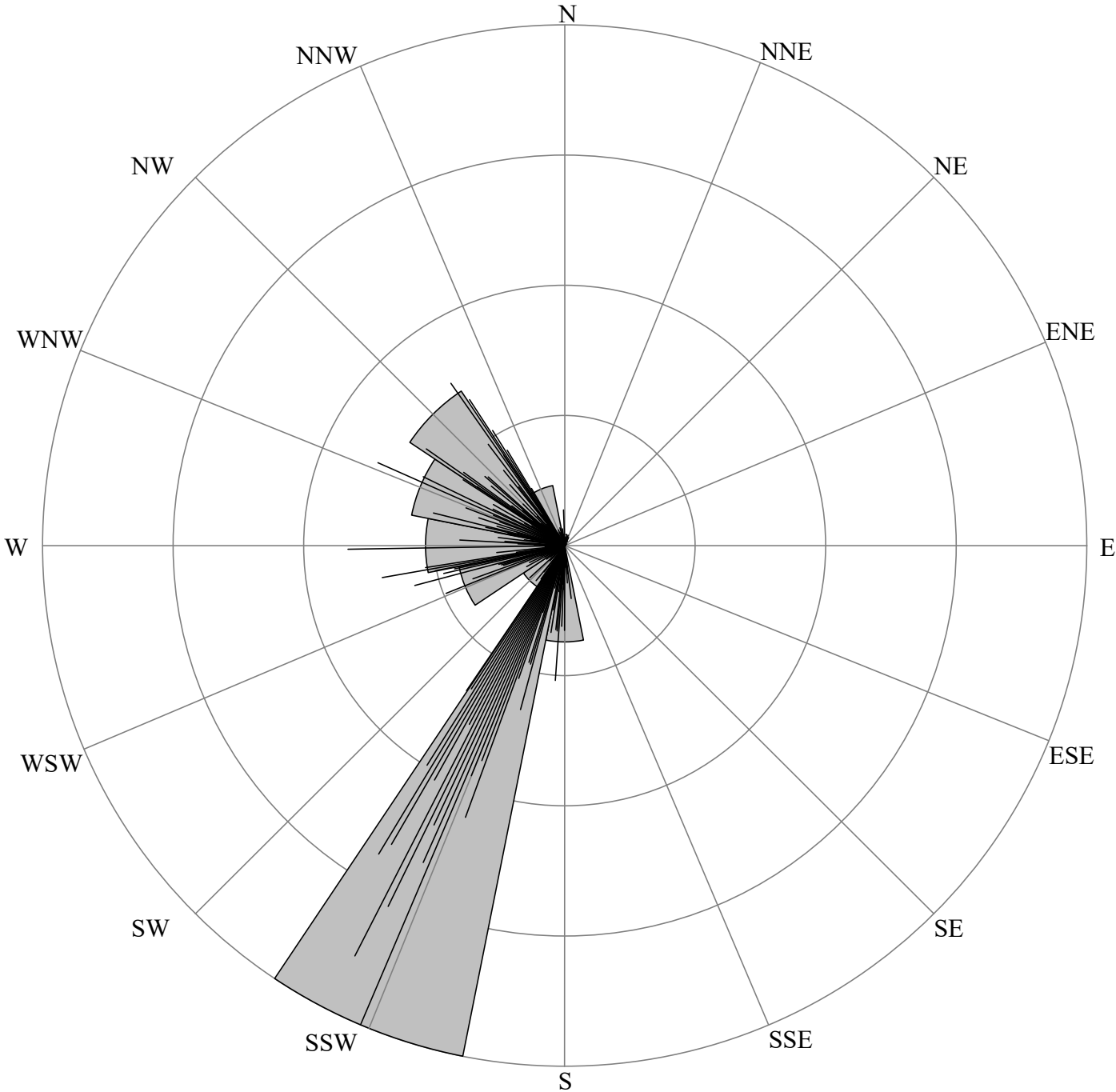
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA

March 2019: Westford



Wind Rose: March 2019
Westford



Maximum direction of wind: 71.1 miles from 203°
Maximum sector of wind: 694.2 miles from SSW
1775.5 total miles of wind