

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

December 2019

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	Res	Res	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	23.5	2.6	13.0	14.2	11	87	51	0	.....	2	0.04	0.5	30.11	29.80	29.972	0.2	0.2	11	9	N	5	26	12
2	29.1	20.9	25.0	25.5	20	78	40	0	.....	2	T	T	29.80	29.70	29.759	1.2	1.2	347	15	NNW	7	352	5
3	30.0	15.9	22.9	21.1	15	79	42	0	.....	2	0.00	0.0	29.71	29.48	29.570	1.3	1.3	314	17	WNW	8	284	86
4	32.6	15.4	24.0	27.5	23	84	41	0	.....	2	0.01	0.1	29.49	29.38	29.425	3.7	3.7	174	17	SSE	8	175	29
5	31.7	21.4	26.6	27.9	25	87	38	0	.....	4	0.16	1.5	29.96	29.40	29.638	4.5	3.7	244	21	W	13	257	4
6	25.5	19.5	22.5	22.8	18	83	42	0	.....	5	0.10	2.1	30.13	29.90	29.989	2.5	1.9	243	16	W	10	268	24
7	23.3	7.9	15.6	17.7	14	86	49	0	.....	5	0.04	1.4	30.44	30.13	30.304	0.6	0.6	269	9	W	6	255	12
8	32.7	6.5	19.6	21.9	13	69	45	0	.....	3	0.00	0.0	30.45	30.11	30.287	7.9	7.9	172	36	SSE	19	176	38
9	46.1	32.7	39.4	40.2	35	81	25	0	.....	T	0.03	0.0	30.11	29.47	29.845	7.1	7.1	172	35	SSE	17	178	22
10	48.6	22.2	35.4	41.2	36	81	29	0	.....	T	0.01	0.4	30.06	29.45	29.673	6.8	5.2	200	29	SW	17	241	10
11	27.7	13.8	20.8	20.8	12	68	44	0	.....	1	0.03	0.6	30.37	30.06	30.168	4.3	2.9	223	29	WSW	17	243	53
12	24.3	14.4	19.3	19.6	10	65	46	0	.....	1	0.00	0.0	30.66	30.36	30.555	3.4	2.6	230	24	W	15	263	45
13	37.7	23.6	30.7	32.0	24	72	34	0	.....	T	0.04	0.0	30.46	30.02	30.275	6.9	6.9	176	37	SSE	19	185	42
14	50.2*	34.1	42.1*	43.0	41	94	23	0	.....	0	0.29	0.0	30.02	28.92	29.393	1.6	1.4	194	35	W	18	245	37
15	38.5	17.2	27.9	29.7	24	78	37	0	.....	T	0.17	0.4	30.05	28.99	29.532	8.4	7.8	245	34	W	18	262	10
16	24.0	8.7	16.3	16.8	9	73	48	0	.....	T	0.00	0.0	30.26	30.05	30.191	1.7	1.4	247	23	W	12	262	48
17	23.3	14.4	18.8	20.3	17	87	46	0	.....	4	0.25	4.2	30.15	29.73	29.900	0.4	0.1	86	9	S	5	175	6
18	26.8	1.3	14.0	19.4	15	85	51	0	.....	6	0.12	1.7	29.96	29.60	29.738	3.2	2.4	253	25	W	15	256	7
19	7.1	-6.7*	0.2*	-0.4	-6	76	65	0	.....	4	0.00	0.0	30.41	29.96	30.232	3.0	2.8	256	17	W	11	250	54
20	12.7	-1.5	5.6	4.1	-1	79	59	0	.....	4	0.00	0.0	30.72	30.40	30.611	0.5	0.4	334	12	N	9	277	60
21	23.5	-1.9	10.8	11.6	6	79	54	0	.....	4	0.00	0.0	30.70	30.32	30.528	1.8	1.8	176	17	SSE	9	182	44
22	36.7	22.4	29.6	29.1	22	73	35	0	.....	0	0.00	0.0	30.32	30.03	30.149	6.4	6.4	177	24	SSE	14	173	55
23	48.5	25.2	36.9	37.4	30	75	28	0	.....	2	0.00	0.0	30.03	29.77	29.902	5.2	3.6	199	23	SSE	13	183	53
24	33.7	16.4	25.1	25.3	19	77	40	0	.....	2	0.00	0.0	30.26	29.97	30.168	2.0	1.9	305	20	WSW	10	283	48
25	34.3	16.7	25.5	24.5	17	74	39	0	.....	2	0.00	0.0	30.24	30.11	30.180	0.4	0.1	127	10	SSE	6	174	50
26	37.2	13.7	25.5	24.9	19	80	39	0	.....	1	0.00	0.0	30.38	30.18	30.298	1.2	1.1	169	27	SSE	13	168	40
27	42.2	35.3	38.8	38.5	36	90	26	0	.....	0	0.25	0.0	30.19	29.90	30.028	8.1	7.4	179	34	SSE	18	175	5
28	40.4	29.2	34.8	34.4	28	78	30	0	.....	0	0.00	0.0	30.17	30.04	30.114	3.8	3.7	246	18	W	11	241	54
29	34.1	22.7	28.4	29.0	24	82	36	0	.....	T	0.01	0.1	30.24	30.05	30.164	0.5	0.3	293	10	N	6	256	44
30	32.7	26.6	29.7	29.4	27	89	35	0	...4.6...	1	0.59	1.0	30.07	29.80	29.906	0.5	0.3	72	15	SSE	8	130	9	
31	34.1	29.7	31.9	31.8	29	90	33	0	.....	3	0.12	0.6	29.80	29.45	29.594	2.3	2.3	182	14	S	8	181	22
Sum	Sum	-----	-----	---	----	Ttl	Ttl			Total	Total	For the month:										---		
993	520					1250	0		Number of Days	2.26	14.6	30.72	28.92	30.003	3.3	2.2	206	37	SSE	19	185			
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip	Season Ttl	Date	Date	-----	----	---		Date	Date	Avg					
32.0	16.8	24.4	25.2	20	80.0	----	----		≥.01 inch	53.55	30.2	20	14	-----	----	---		13	13	33				
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	6	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			3284	288	Thunder	0	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	4.2	17				6			18						
0	14	28	3	----	----	Clear	2	Partly Cloudy			13	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

December 2019: Westford

Hour	DEC 01									DEC 02									DEC 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	30.10	0.00	6	3	88	00	0	0	0	29.80	0.00	23	21	91	02	0	0	0	29.70	0.00	21	15	79	33	0	8
03	0	30.06	0.00	6	3	88	00	0	0	0	29.77	0.00	25	20	83	34	0	4	0	29.65	0.00	19	14	82	32	2	6
06	0	30.06	0.00	4	1	87	00	0	0	0	29.76	0.00	25	21	84	35	0	8	0	29.63	0.00	18	13	83	36	0	3
09	33	30.04	0.00	10	7	89	35	1	3	18	29.78	0.00	26	21	81	35	2	8	16	29.59	0.00	17	13	82	33	2	9
12	42	29.93	0.00	16	12	84	00	1	9	21	29.76	0.00	29	22	76	00	0	8	550	29.54	0.00	27	19	72	35	3	11
15	9	29.91	0.00	20	15	78	25	1	4	5	29.75	0.00	28	18	66	35	2	7	90	29.53	0.00	28	17	62	29	6	16
18	0	29.92	0.00	21	18	87	25	0	4	0	29.76	0.00	26	18	71	35	4	11	0	29.52	0.00	22	16	79	30	0	3
21	0	29.85	0.00	22	20	91	27	0	4	0	29.75	0.00	24	18	76	34	0	9	0	29.50	0.00	17	14	87	02	0	0
DEC 04									DEC 05									DEC 06									
00	0	29.49	0.00	17	13	83	19	0	1	0	29.40	0.00	30	29	94	17	4	10	0	29.96	0.00	22	16	77	23	7	15
03	0	29.47	0.00	22	17	81	18	0	4	0	29.42	0.00	30	29	95	18	5	9	0	29.99	0.00	22	16	76	24	4	12
06	0	29.45	0.00	24	17	75	16	4	11	0	29.47	0.00	31	29	95	19	2	5	0	30.00	0.00	22	16	77	23	2	6
09	26	29.45	0.00	26	22	83	16	7	12	12	29.55	0.00	31	29	94	27	3	7	69	29.98	0.00	22	18	85	17	3	6
12	107	29.41	0.00	30	27	87	17	3	9	16	29.60	0.00	31	29	91	27	0	9	97	29.94	0.00	25	20	78	15	4	8
15	39	29.39	0.00	32	28	82	17	5	9	5	29.68	0.00	28	23	82	26	6	12	18	29.91	0.00	25	22	88	17	0	0
18	0	29.40	0.00	31	27	86	17	4	9	0	29.81	0.00	24	18	78	27	5	16	0	29.97	0.00	24	22	91	30	0	5
21	0	29.41	0.00	31	29	92	17	6	11	0	29.90	0.00	22	16	76	26	8	15	0	30.07	0.00	21	18	88	29	5	16
DEC 07									DEC 08									DEC 09									
00	0	30.13	0.00	20	16	87	27	2	7	0	30.43	0.00	14	11	89	23	0	1	0	30.11	0.00	33	22	64	16	8	23
03	0	30.18	0.00	19	15	87	27	0	6	0	30.45	0.00	8	6	91	16	3	6	0	30.10	0.00	35	26	69	17	12	27
06	0	30.22	0.00	17	14	89	29	0	0	0	30.43	0.00	13	9	84	16	4	9	0	30.08	0.00	37	29	75	16	8	23
09	18	30.28	0.00	19	16	89	29	0	0	18	30.38	0.00	16	9	74	17	4	19	39	30.04	0.00	39	33	79	16	6	17
12	44	30.31	0.00	21	15	78	27	4	9	149	30.29	0.00	27	16	64	18	7	29	120	29.91	0.00	43	35	73	16	3	12
15	19	30.33	0.00	21	16	82	25	0	2	32	30.22	0.00	29	13	51	17	9	20	25	29.72	0.00	41	37	85	17	1	5
18	0	30.39	0.00	17	15	90	26	0	0	0	30.16	0.00	29	16	59	16	9	29	0	29.59	0.00	42	41	96	18	6	13
21	0	30.42	0.00	14	11	87	23	2	7	0	30.12	0.00	30	20	64	17	13	26	0	29.52	0.00	45	43	93	16	13	25
DEC 10									DEC 11									DEC 12									
00	0	29.48	0.00	46	44	92	17	13	27	0	30.06	0.00	22	15	73	34	5	11	0	30.36	0.00	19	7	58	26	13	22
03	0	29.49	0.00	48	45	90	16	12	25	0	30.13	0.00	18	9	69	30	1	7	0	30.46	0.00	16	5	60	21	4	6
06	0	29.50	0.00	48	45	91	15	8	19	0	30.18	0.00	15	8	75	33	1	8	0	30.53	0.00	18	9	69	25	7	14
09	44	29.57	0.00	48	45	90	17	6	18	62	30.22	0.00	15	8	75	01	0	0	74	30.63	0.00	18	8	64	27	2	8
12	16	29.57	0.00	48	43	84	21	1	12	329	30.15	0.00	25	13	58	16	7	13	401	30.63	0.00	22	10	60	25	1	7
15	21	29.68	0.00	40	29	63	20	5	19	49	30.08	0.00	25	11	54	15	2	10	69	30.61	0.00	23	10	58	16	3	6
18	0	29.83	0.00	37	26	65	22	8	18	0	30.11	0.00	26	15	63	18	5	10	0	30.59	0.00	17	10	75	18	0	0
21	0	29.95	0.00	37	22	82	28	8	14	0	30.23	0.00	22	16	77	24	7	24	0	30.55	0.00	23	14	67	17	5	11
DEC 13									DEC 14									DEC 15									
00	0	30.46	0.00	24	13	62	14	5	20	0	30.02	0.00	34	33	96	16	0	0	0	28.99	0.00	39	35	86	22	10	22
03	0	30.40	0.00	27	13	53	17	11	23	0	29.90	0.00	39	38	96	19	1	5	0	29.12	0.00	36	30	79	23	11	28
06	0	30.35	0.00	28	12	52	17	9	28	0	29.73	0.00	40	38	95	11	0	0	0	29.26	0.00	35	30	81	21	11	29
10	37	30.36	0.00	31	22	68	17	9	24	67	29.57	0.00	42	41	97	25	1	3	23	29.40	0.00	35	30	81	23	8	23
12	352	30.30	0.00	37	29	70	18	10	20	167	29.35	0.00	49	46	90	07	0	0	35	29.48	0.00	35	29	78	22	6	16
15	46	30.25	0.00	36	29	76	20	7	18	39	29.19	0.00	49	46	89	07	0	0	12	29.64	0.00	29	23	80	26	8	19
18	0	30.19	0.00	35	31	83	18	1	6	0	29.01	0.00	44	43	96	07	1	3	0	29.85	0.00	22	15	74	25	12	18
21	0	30.12	0.00	34	32	93	16	0	0	0	28.93	0.00	45	44	97	18	10	21	0	29.96	0.00	20	12	72	25	7	17
DEC 16									DEC 17									DEC 18									
00	0	30.05	0.00	17	10	74	28	4	13	0	30.15	0.00	18	12	79	18	2	4	0	29.73	0.00	23	21	94	28	0	3
03	0	30.14	0.00	13	7	77	25	0	3	0	30.11	0.00	17	13	82	18	0	0	0	29.74	0.00	23	21	94	27	0	3
06	0	30.18	0.00	12	7	80	28	0	3	0	30.03	0.00	16	13	88	18	0	0	0	29.71	0.00	22	20	92	27	0	0
09	79	30.24	0.00	13	10	86	28	0	0	16	29.95	0.00	20	15	81	27	0	0	21	29.70	0.00	23	21	93	17	3	7
12	197	30.24	0.00	22	9	58	32	2	7	21	29.87	0.00	21	18	88	06	0	0	44	29.63	0.00	26	23	89	17	4	10
15	62	30.23	0.00	23	9	55	29	0	2	11	29.78	0.00	23	21	90	01	0	4	0	29.63	0.00	24	22	92	26	3	8
18	0	30.21	0.00	19	11	69	18	0	5	0	29.76	0.00	23	21	91	01	0	3	0	29.77	0.00	18	10	71	26	12	18
21	0	30.18	0.00	16	10	77	18	2	6	0	29.74	0.00	23	21	92	01	0	0	0	29.87	0.00	8	2	74	27	5	11

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

December 2019: Westford

Hour	DEC 19									DEC 20									DEC 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	29.96	0.00	1	-4	77	29	5	11	0	30.41	0.00	-1	-5	82	23	0	1	0	30.70	0.00	2	-2	83	03	0	0
03	0	30.07	0.00	-3	-8	79	28	0	7	0	30.47	0.00	4	-1	80	29	1	5	0	30.69	0.00	-1	-5	84	03	0	0
06	0	30.15	0.00	-7	-12	75	25	5	11	0	30.54	0.00	4	-0	83	32	0	3	0	30.66	0.00	0	-3	86	03	0	0
09	42	30.22	0.00	-4	-11	74	22	6	12	67	30.62	0.00	4	-1	82	34	2	7	90	30.62	0.00	5	1	87	03	0	0
12	485	30.25	0.00	5	-4	66	26	7	12	399	30.63	0.00	8	0	69	33	1	5	156	30.51	0.00	16	9	74	16	1	4
15	67	30.28	0.00	7	-0	73	29	2	10	63	30.67	0.00	12	2	64	29	1	4	67	30.43	0.00	22	13	68	18	0	4
18	0	30.33	0.00	3	-3	77	22	4	10	0	30.70	0.00	2	-3	80	34	0	0	0	30.40	0.00	20	13	75	17	4	9
21	0	30.37	0.00	-1	-4	85	21	0	3	0	30.71	0.00	-1	-4	87	34	0	0	0	30.38	0.00	20	13	75	17	3	9
DEC 22									DEC 23									DEC 24									
00	0	30.32	0.00	23	16	75	17	7	14	0	30.03	0.00	26	22	84	18	2	4	0	29.97	0.00	34	26	74	29	5	13
03	0	30.28	0.00	24	17	75	17	7	15	0	30.01	0.00	31	27	85	16	3	9	0	30.05	0.00	30	23	75	30	4	12
06	0	30.22	0.00	25	18	76	16	5	16	0	29.96	0.00	32	28	87	15	5	9	0	30.11	0.00	27	21	77	29	2	15
09	116	30.20	0.00	27	20	75	16	8	14	46	29.92	0.00	36	31	82	16	7	16	62	30.19	0.00	26	20	78	30	2	8
12	343	30.11	0.00	35	24	65	18	11	18	320	29.82	0.00	45	32	62	18	7	18	406	30.20	0.00	28	20	69	31	4	8
15	53	30.05	0.00	35	24	65	18	9	16	77	29.77	0.00	46	32	57	18	7	18	81	30.20	0.00	28	19	68	34	1	6
18	0	30.07	0.00	31	24	73	18	5	13	0	29.82	0.00	39	31	72	25	1	4	0	30.23	0.00	22	16	79	34	0	0
21	0	30.07	0.00	30	25	81	18	3	6	0	29.90	0.00	39	31	73	28	9	20	0	30.25	0.00	17	14	88	34	0	0
DEC 25									DEC 26									DEC 27									
00	0	30.24	0.00	17	14	87	35	0	0	0	30.22	0.00	25	20	81	33	0	3	0	30.19	0.00	37	31	79	17	8	22
03	0	30.21	0.00	19	15	83	36	0	0	0	30.27	0.00	21	18	88	33	0	4	0	30.13	0.00	37	32	83	16	13	31
06	0	30.18	0.00	19	14	82	05	0	3	0	30.31	0.00	15	13	90	33	0	0	0	30.08	0.00	37	34	89	16	13	25
09	84	30.20	0.00	22	16	78	05	0	0	54	30.35	0.00	16	13	90	34	0	0	14	30.05	0.00	39	36	91	17	9	23
12	334	30.15	0.00	32	18	57	19	2	8	155	30.33	0.00	25	19	77	34	0	0	14	29.93	0.00	40	38	93	17	13	23
15	79	30.13	0.00	32	19	57	02	0	4	77	30.32	0.00	29	21	72	34	0	0	16	29.91	0.00	41	39	95	17	10	19
18	0	30.17	0.00	27	19	74	01	0	0	0	30.31	0.00	27	21	78	24	0	3	0	29.95	0.00	42	41	95	16	4	11
21	0	30.19	0.00	26	17	70	01	0	0	0	30.28	0.00	33	22	64	16	2	6	0	30.04	0.00	36	34	92	31	3	7
DEC 28									DEC 29									DEC 30									
00	0	30.05	0.00	35	32	87	26	2	7	0	30.16	0.00	30	25	81	23	4	9	0	30.05	0.00	28	26	92	01	0	0
03	0	30.07	0.00	34	32	92	27	0	1	0	30.19	0.00	26	22	85	25	0	2	0	30.06	0.00	27	25	93	03	1	6
06	0	30.09	0.00	35	32	89	22	3	8	0	30.21	0.00	25	22	87	26	1	4	0	29.95	0.00	28	26	93	02	0	6
09	49	30.16	0.00	35	31	85	27	3	9	65	30.24	0.00	25	23	94	26	0	0	12	29.90	0.00	30	28	93	07	2	9
12	353	30.12	0.00	39	29	67	25	4	11	223	30.19	0.00	33	26	75	26	0	0	44	29.85	0.00	33	29	88	14	0	0
15	51	30.10	0.00	39	26	61	25	5	10	67	30.16	0.00	33	26	74	26	0	1	81	29.84	0.00	30	27	89	15	0	0
18	0	30.14	0.00	33	25	74	23	5	11	0	30.12	0.00	31	24	78	34	0	5	0	29.84	0.00	30	26	86	16	0	0
21	0	30.14	0.00	30	23	75	25	3	10	0	30.10	0.00	30	24	79	34	1	3	0	29.86	0.00	30	26	83	15	0	0
DEC 31																											
00	0	29.80	0.00	30	26	84	12	0	0																		
03	0	29.75	0.00	31	27	83	16	0	0																		
06	0	29.69	0.00	32	28	85	12	0	4																		
09	28	29.67	0.00	31	29	92	21	2	7																		
12	174	29.57	0.00	34	31	89	17	1	7																		
15	37	29.50	0.00	33	31	92	16	5	11																		
18	0	29.48	0.00	32	31	93	17	4	9																		
21	0	29.47	0.00	32	31	95	20	1	10																		

WEATHER NOTES

NOTES:
 Units: Temperature= $^{\circ}$ 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

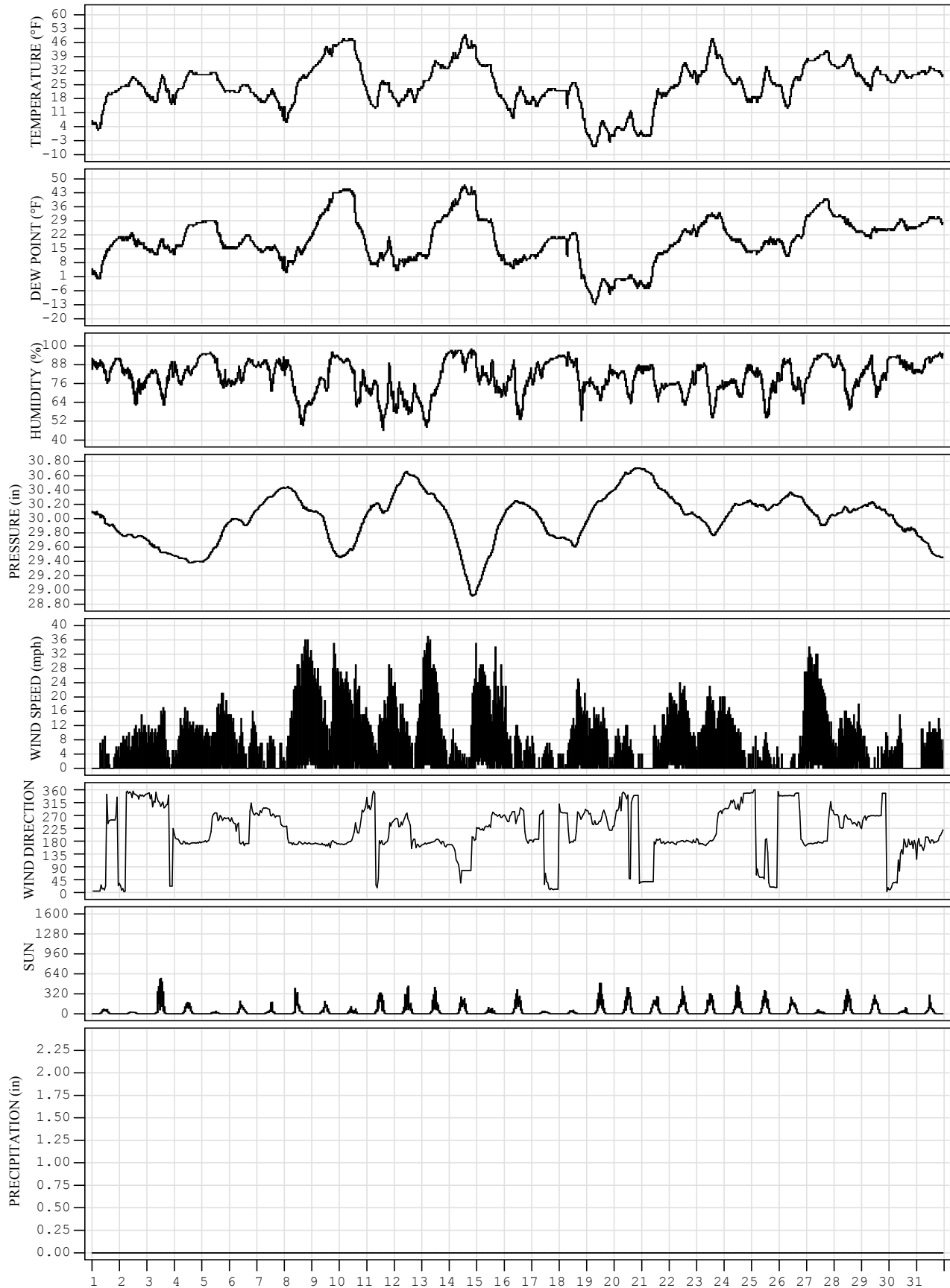
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
00	0	30.016	23	18	82	3.4	22	2.1
03	0	30.027	23	18	82	3.0	19	2.3
06	0	30.024	22	18	83	3.0	19	2.3
09	45	30.034	24	20	84	3.1	19	2.1
12	197	29.986	29	22	75	3.5	20	2.4
15	44	29.964	29	22	73	3.3	21	2.1
18	0	29.981	26	21	79	3.1	22	2.2
21	0	29.994	25	20	82	3.7	22	2.4

HOURLY PRECIPITATION (Water Equivalent) December 2019: Westford

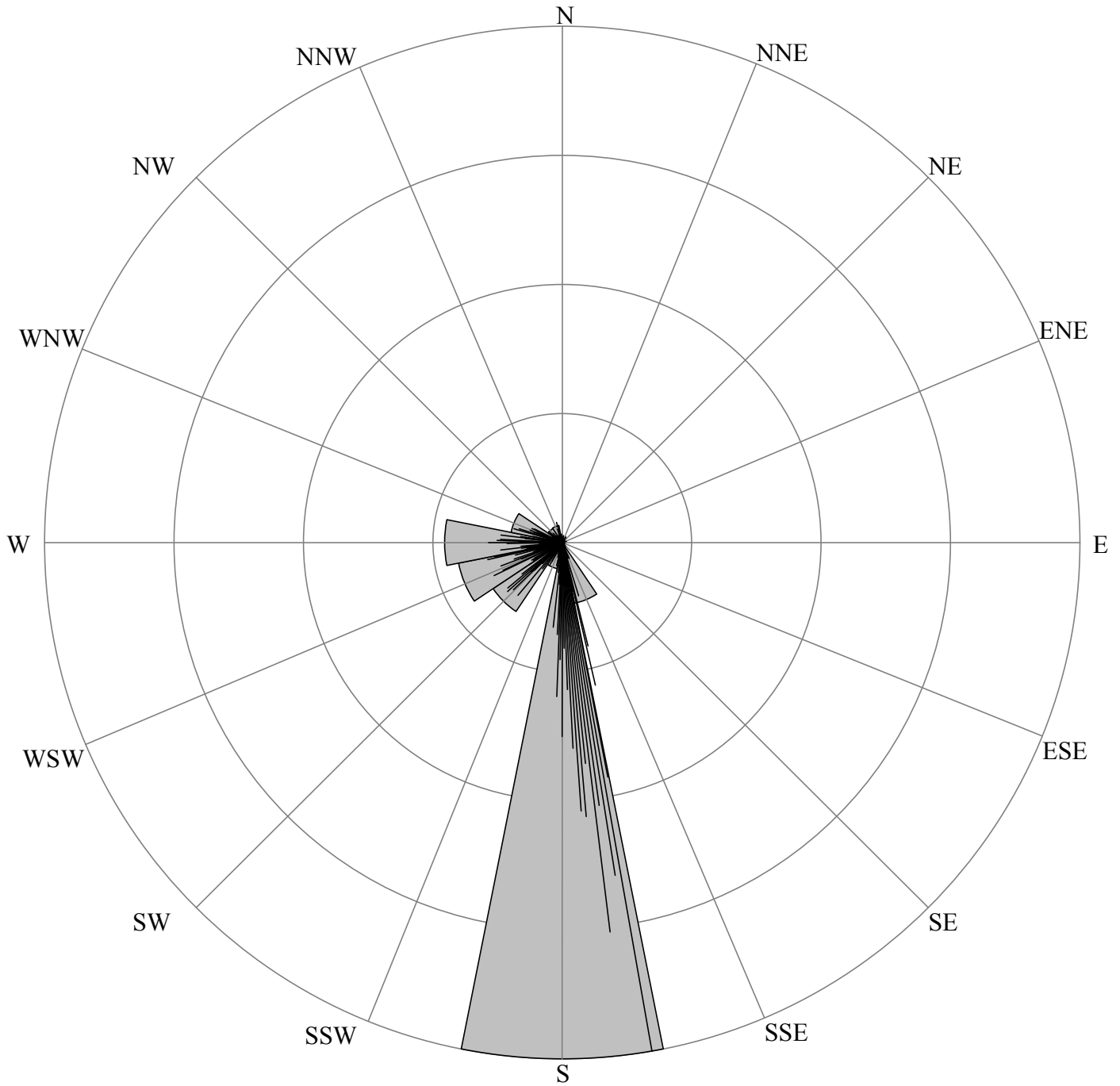
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03																									03
04																									04
05																									05
06																									06
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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 December 2019: Westford



Wind Rose: December 2019
Westford



Maximum direction of wind: 172.5 miles from 170°
Maximum sector of wind: 1242.6 miles from S
2443.1 total miles of wind