

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

January 2016

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
1	2	3	4A	4B	5	6	7	8		11	12	13	14	15	16	17	18	19	20	21	22	23		
1	33.1	26.0	29.5	30.2	25	79	35	0	.....	3	0.01	0.3	29.91	29.78	29.840	3.5	3.5	263	23	NNW	9	287	20
2	30.4	25.5	27.9	28.2	22	76	37	0	.....	3	T	T	29.89	29.72	29.822	2.4	2.2	252	19	W	11	293	18
3	30.3	13.6	21.9	26.9	24	88	43	0	.....	5	0.19	1.7	29.92	29.58	29.689	4.7	3.6	224	22	S	12	317	13
4	13.6	-3.6	5.0	1.1	-3	83	60	0	.....	6	0.03	1.5	30.52	29.92	30.233	1.3	1.3	18	13	N	7	18	21
5	13.5	-5.8*	3.8*	4.4	-1	77	61	0	.....	5	T	T	30.66	30.49	30.570	0.4	0.2	200	10	SW	4	213	63
6	32.1	10.6	21.3	21.1	5	51	43	0	.....	4	0.00	0.0	30.49	30.28	30.374	1.8	1.7	209	22	SSW	12	217	68
7	35.9	17.0	26.5	24.2	12	60	38	0	.....	4	0.00	0.0	30.31	30.22	30.268	0.3	0.3	203	9	S	5	198	59
8	38.8	12.9	25.8	27.0	20	75	39	0	.....	4	0.00	0.0	30.24	30.13	30.193	1.3	1.3	189	22	SW	8	185	59
9	40.6	33.4	37.0	36.9	32	81	28	0	.....	0	T	T	30.13	30.02	30.077	3.9	3.9	191	22	WSW	11	202	37
10	48.6*	34.8	41.7*	41.8	38	87	23	0	..3.....	1	0.30	0.0	30.05	29.09	29.529	2.6	2.0	209	29	WSW	15	285	17	
11	34.8	8.2	21.5	21.9	11	64	43	0	.....	1	0.00	0.0	29.97	29.29	29.675	7.5	7.4	272	38	W	20	275	55
12	23.6	7.9	15.8	17.9	13	81	49	0	.....	1	0.05	0.5	29.98	29.50	29.755	0.7	0.5	208	16	W	8	274	27
13	22.0	7.3	14.7	15.4	7	70	50	0	.....	1	0.05	0.8	29.86	29.50	29.713	4.5	4.4	283	31	WSW	16	285	71
14	22.2	6.0	14.1	15.1	10	81	51	0	.....	2	0.01	0.7	29.93	29.76	29.816	1.0	1.0	210	18	SSW	9	212	53
15	26.2	9.9	18.1	18.1	15	89	47	0	.....	2	0.00	0.0	29.96	29.58	29.842	0.1	0.1	61	7	ENE	5	51	22
16	35.7	23.7	29.7	32.3	30	92	35	0	.....	1	0.06	T	29.69	29.38	29.481	2.3	1.7	241	24	NNW	12	294	14
17	29.2	16.3	22.8	24.3	17	73	42	0	.....	1	0.00	0.0	29.85	29.59	29.753	1.0	1.0	280	24	W	16	289	50
18	23.0	6.2	14.6	15.9	11	79	50	0	.....	4	0.21	3.0	29.73	29.54	29.616	5.0	5.0	289	24	WNW	16	301	12
19	14.3	2.5	8.4	7.1	3	84	56	0	.....	7	0.35	4.6	30.04	29.72	29.855	4.9	4.8	289	25	W	15	294	27
20	22.1	12.2	17.2	15.7	11	80	48	0	.....	6	0.01	0.5	30.15	30.02	30.079	2.9	2.9	306	21	NW	11	299	62
21	18.0	10.7	14.3	13.6	8	78	50	0	.....	5	T	T	30.22	30.05	30.130	1.3	1.3	323	16	WNW	8	322	85
22	25.6	6.4	16.0	16.0	9	73	49	0	.....	5	0.00	0.0	30.28	30.20	30.236	0.4	0.4	333	15	WNW	8	307	89
23	18.4	1.0	9.7	7.6	4	85	55	0	.....	5	0.00	0.0	30.21	29.94	30.061	0.0	0.0	348	7	NW	2	328	64
24	22.9	-1.9	10.5	10.9	6	81	54	0	.....	5	T	T	30.10	29.93	30.001	0.0	0.0	15	6	NNE	2	23	86
25	35.1	14.0	24.5	25.0	18	76	40	0	.....	4	0.00	0.0	30.24	30.01	30.152	2.4	2.4	205	28	S	13	198	89
26	40.8	30.4	35.6	35.6	27	72	29	0	.....	3	T	0.0	30.01	29.62	29.779	6.7	6.4	213	32	SSW	16	211	31
27	37.4	11.9	24.7	25.7	19	77	40	0	.....	3	0.00	0.0	30.04	29.76	29.914	1.4	1.2	273	24	W	12	274	41
28	35.1	12.4	23.7	26.1	18	71	41	0	.....	3	0.00	0.0	30.04	29.55	29.775	3.6	3.5	206	30	SSW	15	197	50
29	34.1	21.7	27.9	29.7	24	81	37	0	.....	4	0.08	0.8	29.74	29.39	29.498	1.6	0.9	254	20	NNW	10	310	22
30	35.3	18.2	26.8	25.7	19	77	38	0	.....	3	T	T	29.94	29.72	29.817	3.3	3.3	204	26	SW	14	208	28
31	47.4	33.8	40.6	40.1	26	57	24	0	.....	1	T	0.0	29.79	29.54	29.707	5.4	5.4	204	24	S	13	206	50
Sum	Sum	-----	-----	---	----		Ttl	Ttl			Total	Total	For the month:						---					
920	423						1335	0	Number of Days		1.35	14.4	30.66	29.09	29.911	2.5	1.8	243	38	W	20	275		
Avg	Avg	Avg	Mean	Avg	Avg		----	----	Precip		Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg				
29.7	13.7	21.7	22.0	15	76.7		----	----	≥.01 inch	12	1.35	21.3	5	10	-----	----	----	---	11	11	45			
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			3745	0	Thunder	1	Precipitation		Snow, Ice Plts												
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.00	-	4.6	19	7			19							
0	17	28	3	----	----			Clear	2	Partly Cloudy		11	Cloudy		18									

NOTES:
 Units are: 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 2016: 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 01										JAN 02										JAN 03									
01	0	29.90	0.00	32	27	80	25	7	12	0	29.83	0.00	27	20	77	26	1	10	0	29.70	0.00	30	25	83	22	4	15		
04	0	29.89	0.00	31	27	83	27	0	2	0	29.83	0.00	27	21	79	27	0	8	0	29.65	0.00	29	24	82	20	5	12		
07	0	29.87	0.00	31	25	79	27	6	11	0	29.88	0.00	26	19	76	28	1	8	0	29.61	0.00	29	23	77	20	5	11		
10	79	29.86	0.00	32	25	76	26	3	12	102	29.88	0.00	29	21	70	28	2	9	18	29.63	0.00	27	25	92	20	8	14		
13	49	29.82	0.00	31	26	83	25	4	9	53	29.81	0.00	30	21	71	22	5	11	83	29.58	0.00	29	27	90	21	8	15		
16	9	29.78	0.00	31	22	69	26	6	14	5	29.80	0.00	30	24	80	22	2	7	0	29.65	0.00	30	28	94	22	3	7		
19	0	29.80	0.00	29	21	74	23	3	13	0	29.81	0.00	29	24	79	22	0	0	0	29.78	0.00	26	23	88	33	5	16		
22	0	29.81	0.00	26	22	83	28	1	11	0	29.76	0.00	29	24	83	24	4	8	0	29.87	0.00	18	16	91	01	2	14		
JAN 04										JAN 05										JAN 06									
01	0	29.94	0.00	12	10	90	35	0	5	0	30.53	0.00	-3	-7	85	03	0	5	0	30.46	0.00	12	3	69	20	2	10		
04	0	30.02	0.00	4	1	86	03	3	13	0	30.58	0.00	-5	-9	86	07	0	1	0	30.44	0.00	12	3	65	21	1	7		
07	0	30.11	0.00	0	-3	84	01	2	7	0	30.64	0.00	-1	-5	86	08	0	0	0	30.44	0.00	15	4	61	21	1	6		
10	47	30.21	0.00	-1	-5	81	04	3	9	77	30.66	0.00	3	-1	83	03	0	0	230	30.44	0.00	22	6	50	21	4	13		
13	69	30.25	0.00	1	-4	77	01	2	10	418	30.60	0.00	11	-2	67	18	0	5	350	30.35	0.00	30	7	37	19	3	9		
16	9	30.33	0.00	-1	-6	78	03	1	8	16	30.54	0.00	11	3	70	22	0	1	16	30.31	0.00	29	8	41	21	1	4		
19	0	30.43	0.00	-3	-6	85	02	0	2	0	30.53	0.00	8	2	74	20	0	7	0	30.30	0.00	26	6	42	21	0	5		
22	0	30.48	0.00	0	-3	84	01	0	5	0	30.50	0.00	10	2	70	20	1	7	0	30.31	0.00	24	5	44	20	0	3		
JAN 07										JAN 08										JAN 09									
01	0	30.30	0.00	20	6	54	21	0	2	0	30.22	0.00	18	13	83	11	0	0	0	30.12	0.00	35	29	78	20	7	18		
04	0	30.29	0.00	19	8	64	14	0	0	0	30.21	0.00	15	11	87	11	0	0	0	30.11	0.00	34	28	80	20	2	7		
07	0	30.30	0.00	19	11	71	14	0	0	0	30.22	0.00	15	11	85	11	0	0	0	30.09	0.00	35	30	83	18	4	14		
10	236	30.30	0.00	30	9	41	20	2	6	244	30.23	0.00	28	18	64	18	0	1	53	30.11	0.00	37	31	80	18	5	11		
13	190	30.24	0.00	33	11	40	21	1	6	216	30.18	0.00	39	20	47	20	3	8	137	30.05	0.00	39	32	76	18	6	16		
16	18	30.24	0.00	30	17	58	11	0	0	21	30.16	0.00	35	26	70	17	2	8	12	30.03	0.00	39	33	80	18	6	14		
19	0	30.26	0.00	25	17	73	11	0	0	0	30.17	0.00	34	27	77	18	4	13	0	30.06	0.00	39	34	83	19	5	14		
22	0	30.24	0.00	19	14	81	11	0	0	0	30.17	0.00	35	29	78	20	2	10	0	30.07	0.00	38	34	85	19	4	12		
JAN 10										JAN 11										JAN 12									
01	0	30.02	0.00	38	34	85	18	0	7	0	29.34	0.00	34	25	71	26	12	23	0	29.97	0.00	8	5	85	08	0	0		
04	0	29.93	0.00	38	34	86	18	1	8	0	29.46	0.00	27	19	71	27	6	20	0	29.97	0.00	12	7	80	15	0	0		
07	0	29.85	0.00	39	34	84	14	0	10	0	29.56	0.00	24	11	57	25	13	32	0	29.93	0.00	14	9	81	17	0	4		
10	14	29.71	0.00	41	38	91	14	0	7	362	29.64	0.00	24	10	56	25	8	25	79	29.85	0.00	19	9	64	19	0	4		
13	77	29.38	0.00	47	42	83	17	0	22	151	29.68	0.00	24	10	54	26	11	21	100	29.70	0.00	23	12	62	19	0	7		
16	11	29.18	0.00	48	44	86	10	0	14	18	29.77	0.00	21	6	53	26	5	18	14	29.62	0.00	21	18	87	19	1	10		
19	0	29.12	0.00	45	43	95	23	1	7	0	29.88	0.00	17	9	70	31	0	3	0	29.57	0.00	22	19	91	16	0	5		
22	0	29.18	0.00	37	35	92	28	14	25	0	29.95	0.00	11	5	77	08	0	0	0	29.52	0.00	22	20	93	20	0	0		
JAN 13										JAN 14										JAN 15									
01	0	29.50	0.00	21	18	88	27	3	11	0	29.80	0.00	7	1	75	19	0	0	0	29.91	0.00	12	10	92	31	0	0		
04	0	29.54	0.00	20	14	79	25	4	11	0	29.78	0.00	10	4	77	19	0	4	0	29.93	0.00	11	9	91	31	0	0		
07	0	29.63	0.00	15	9	76	26	5	18	0	29.78	0.00	10	6	85	19	0	3	0	29.93	0.00	14	12	92	31	0	0		
10	79	29.72	0.00	15	7	72	28	7	15	299	29.78	0.00	17	10	74	21	6	14	53	29.95	0.00	19	16	91	04	0	0		
13	482	29.76	0.00	19	7	59	30	12	23	155	29.76	0.00	21	12	70	20	2	7	40	29.87	0.00	23	18	82	07	1	4		
16	28	29.81	0.00	15	1	54	27	4	16	12	29.79	0.00	21	15	75	21	0	6	25	29.80	0.00	26	20	79	03	0	0		
19	0	29.85	0.00	12	0	60	29	1	12	0	29.88	0.00	19	16	91	31	0	0	0	29.77	0.00	20	18	91	04	0	0		
22	0	29.84	0.00	11	2	66	27	1	5	0	29.91	0.00	18	16	91	31	0	0	0	29.67	0.00	21	19	94	03	0	0		
JAN 16										JAN 17										JAN 18									
01	0	29.54	0.00	27	26	95	17	0	6	0	29.73	0.00	27	20	76	29	7	16	0	29.57	0.00	22	19	86	08	0	0		
04	0	29.46	0.00	31	29	90	20	0	0	0	29.79	0.00	23	17	78	26	0	1	0	29.54	0.00	21	20	93	12	0	0		
07	0	29.41	0.00	33	30	88	21	0	0	0	29.81	0.00	19	15	86	22	0	0	0	29.57	0.00	18	14	85	28	1	8		
10	54	29.41	0.00	34	33	95	20	0	7	207	29.84	0.00	26	18	73	22	0	0	35	29.60	0.00	16	13	86	26	5	15		
13	32	29.38	0.00	34	33	96	20	5	12	265	29.79	0.00	29	16	58	29	0	0	58	29.58	0.00	18	12	79	30	2	18		
16	0	29.44	0.00	35	34	97	21	7	13	21	29.75	0.00	27	14	57	04	0	0	18	29.62	0.00	16	8	70	26	0	13		
19	0	29.54	0.00	32	31	96	31	0	0	0	29.68	0.00	23	16	74	04	0	0	0	29.69	0.00	12	3	69	27	9	16		
22	0	29.63	0.00	29	24	81	27	5	14	0	29.63	0.00	24	16	74	04	0	0	0	29.72	0.00	8	1	71	29	10	22		

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	01	01	01	01	01	01	01	01	01	01	01	01
Ended: Time	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000

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 2016: Westford

Hour	JAN 19									JAN 20									JAN 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
01	0	29.73	0.00	5	-1	74	28	3	15	0	30.03	0.00	12	9	88	35	1	13	0	30.06	0.00	15	10	81	31	0	0
04	0	29.76	0.00	3	-3	78	27	6	15	0	30.08	0.00	13	10	86	28	7	14	0	30.06	0.00	14	10	82	31	0	1
07	0	29.79	0.00	4	-1	80	31	6	15	0	30.12	0.00	15	11	87	30	5	13	0	30.10	0.00	11	8	88	31	0	0
10	120	29.83	0.00	5	1	85	32	2	11	97	30.14	0.00	15	12	85	29	9	14	171	30.14	0.00	13	7	78	31	1	12
13	84	29.81	0.00	7	4	88	28	4	10	489	30.09	0.00	20	13	74	30	6	13	401	30.12	0.00	17	8	69	33	2	12
16	12	29.90	0.00	8	5	88	27	6	11	35	30.06	0.00	21	11	66	32	0	9	39	30.14	0.00	16	7	67	00	0	1
19	0	29.97	0.00	11	8	88	27	8	15	0	30.06	0.00	16	10	75	30	0	10	0	30.19	0.00	12	6	75	32	0	11
22	0	30.01	0.00	14	11	88	30	7	14	0	30.06	0.00	13	9	84	30	0	0	0	30.21	0.00	14	8	77	32	2	13
JAN 22									JAN 23									JAN 24									
01	0	30.22	0.00	14	9	79	33	1	10	0	30.21	0.00	5	2	89	35	0	0	0	29.94	0.00	2	-1	89	01	0	0
04	0	30.24	0.00	15	10	81	28	0	1	0	30.18	0.00	3	1	91	35	0	0	0	29.94	0.00	0	-2	89	01	0	0
07	0	30.25	0.00	15	10	81	33	0	9	0	30.14	0.00	2	-1	88	02	0	0	0	29.98	0.00	-1	-4	87	02	0	0
10	271	30.28	0.00	21	11	66	32	1	5	137	30.11	0.00	11	8	89	04	0	0	381	30.02	0.00	13	10	89	02	0	0
13	406	30.24	0.00	25	11	55	01	2	10	316	30.01	0.00	18	10	72	34	0	1	427	29.99	0.00	19	12	74	03	0	4
16	42	30.21	0.00	22	8	56	03	0	1	42	29.96	0.00	14	7	74	34	0	2	51	30.01	0.00	20	10	64	08	0	0
19	0	30.23	0.00	11	5	78	35	0	0	0	29.99	0.00	6	3	87	01	0	0	0	30.04	0.00	17	10	76	08	0	0
22	0	30.22	0.00	7	4	85	35	0	0	0	29.95	0.00	4	1	89	01	0	0	0	30.07	0.00	17	14	89	20	0	0
JAN 25									JAN 26									JAN 27									
01	0	30.10	0.00	17	15	92	20	0	0	0	29.99	0.00	31	22	68	20	8	20	0	29.76	0.00	37	29	72	26	3	19
04	0	30.11	0.00	14	12	92	19	0	0	0	29.91	0.00	31	19	62	20	9	25	0	29.79	0.00	35	29	77	26	1	10
07	0	30.19	0.00	19	13	79	21	4	8	0	29.83	0.00	34	23	66	20	6	24	0	29.83	0.00	33	26	75	25	2	11
10	297	30.22	0.00	26	17	70	20	4	10	53	29.79	0.00	35	26	70	20	13	27	60	29.91	0.00	25	20	82	32	3	16
13	415	30.19	0.00	34	21	59	22	2	8	141	29.68	0.00	36	31	80	20	10	22	141	29.92	0.00	25	18	74	30	1	5
16	46	30.17	0.00	31	21	67	21	1	9	9	29.63	0.00	39	33	79	20	8	14	63	30.00	0.00	24	14	66	02	1	8
19	0	30.14	0.00	28	21	76	20	6	12	0	29.70	0.00	39	33	81	22	2	15	0	30.03	0.00	18	12	78	32	0	0
22	0	30.07	0.00	27	21	75	19	4	9	0	29.75	0.00	38	30	73	24	2	18	0	30.01	0.00	13	10	88	32	0	0
JAN 28									JAN 29									JAN 30									
01	0	30.02	0.00	14	11	88	20	0	0	0	29.54	0.00	33	21	61	21	2	12	0	29.75	0.00	21	18	89	30	0	0
04	0	29.96	0.00	14	11	89	19	0	0	0	29.46	0.00	32	20	61	21	2	7	0	29.85	0.00	20	17	89	30	0	0
07	0	29.91	0.00	16	12	85	17	0	0	0	29.43	0.00	31	22	67	20	0	0	0	29.93	0.00	19	16	88	28	0	0
10	160	29.82	0.00	27	19	73	20	3	10	26	29.42	0.00	29	27	91	19	0	5	86	29.93	0.00	23	18	83	21	0	0
13	237	29.70	0.00	32	20	62	21	9	23	77	29.39	0.00	31	28	91	21	0	0	81	29.82	0.00	26	20	77	20	2	18
16	33	29.64	0.00	33	21	61	22	4	18	23	29.45	0.00	31	29	94	32	1	7	18	29.75	0.00	29	20	71	21	6	11
19	0	29.62	0.00	35	22	59	20	5	15	0	29.57	0.00	27	26	94	34	1	14	0	29.76	0.00	31	22	69	20	5	20
22	0	29.58	0.00	35	22	59	22	4	18	0	29.68	0.00	24	21	91	32	0	0	0	29.73	0.00	34	21	68	20	4	22
JAN 31																											
01	0	29.73	0.00	35	21	55	20	8	24																		
04	0	29.75	0.00	34	21	58	21	4	13																		
07	0	29.78	0.00	35	22	59	20	4	12																		
10	234	29.76	0.00	41	25	53	20	7	18																		
13	148	29.73	0.00	43	26	52	20	6	15																		
16	35	29.70	0.00	43	29	57	21	5	16																		
19	0	29.66	0.00	43	32	65	18	2	9																		
22	0	29.60	0.00	45	32	59	20	7	14																		

WEATHER NOTES

NOTES:
 Units are: 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

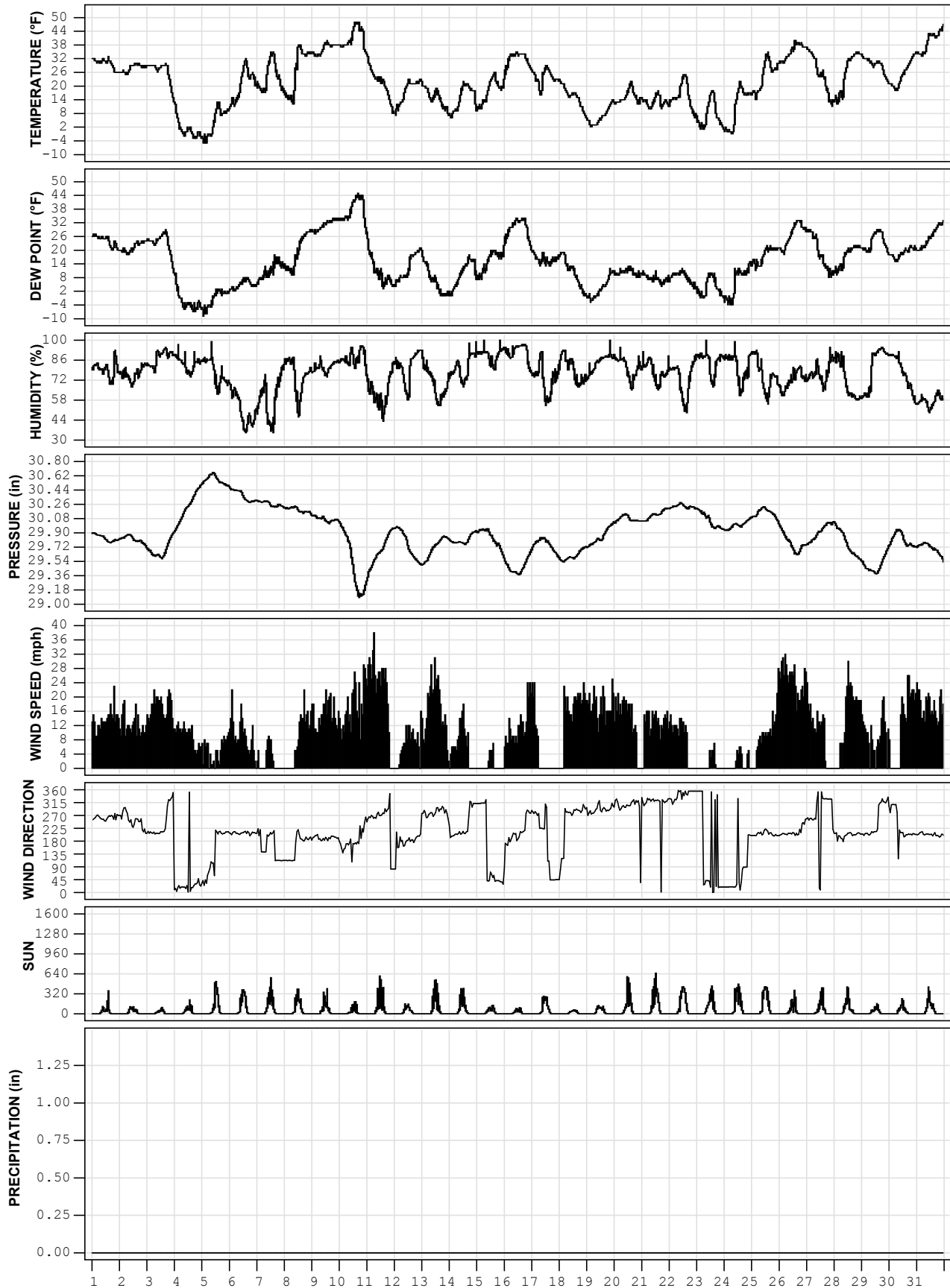
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01	0	29.918	20	15	80	2.2	24	1.8
04	0	29.920	19	14	80	1.7	24	1.2
07	0	29.932	19	13	80	2.1	25	1.5
10	141	29.942	23	16	76	3.1	24	2.1
13	203	29.887	26	17	70	3.5	24	2.4
16	23	29.878	25	17	71	2.2	23	1.7
19	0	29.906	23	17	78	1.9	24	1.3
22	0	29.909	21	16	79	2.4	26	1.8

HOURLY PRECIPITATION (Water Equivalent) January 2016: Westford

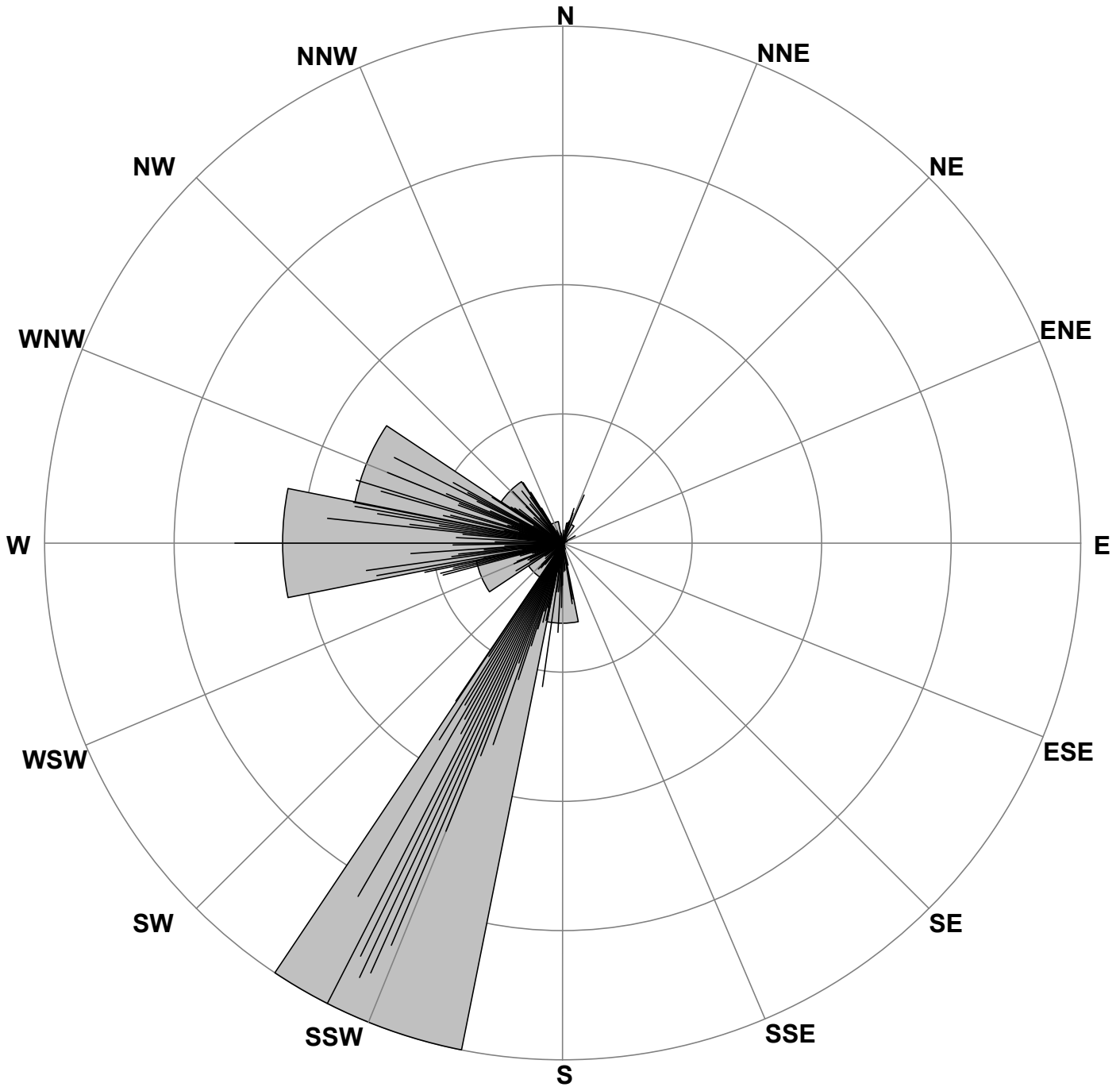
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03																									03
04																									04
05																									05
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30																									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 2016: Westford



**Wind Rose: January 2016
Westford**



**Maximum direction of wind: 70.8 miles from 207°
Maximum sector of wind: 720.8 miles from SSW
1877.6 total miles of wind**