

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

January 2015

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			Minute	
																				Speed	Dir		Speed	Dir	Speed	Dir
1	2	3	4A	4B	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	27.2	16.8	22.0	21.8	13	68	43	0	.....	1	T	T	29.92	29.74	29.819	6.0	5.9	217	27	SSW	15	212	33
2	27.8	9.6	18.7	20.2	11	67	46	0	.....	1	0.00	0.0	30.46	29.79	30.092	3.5	3.3	298	23	WNW	14	300	30
3	26.3	2.6	14.4	13.6	7	76	50	0	.....	4	0.32	3.0	30.60	30.06	30.439	1.6	1.6	184	25	S	12	192	25
4	44.2*	26.3	35.3*	36.7	35	93	30	0	.....6...	T	0.20	T	30.06	29.44	29.646	5.3	5.0	211	30	S	15	207	8
5	36.9	1.1	19.0	15.1	4	62	46	0	.....	T	0.00	0.0	30.30	29.53	29.977	8.4	8.3	292	38	NNW	23	307	33
6	12.8	-0.6	6.1	8.2	3	79	59	0	.....	T	T	T	30.29	29.85	30.112	2.4	2.3	209	18	SW	10	294	33
7	15.2	-13.0	1.1	4.1	-1	79	64	0	.....	1	0.03	0.4	30.22	29.71	29.901	6.2	3.9	293	27	NW	16	311	26
8	14.1	-17.1*	-1.5	-1.5	-7	77	67	0	.....	1	0.02	0.3	30.24	29.92	30.143	4.4	3.8	210	25	SSW	14	217	36
9	20.2	12.0	16.1	16.1	7	68	49	0	.....	1	0.01	0.1	30.03	29.70	29.832	5.6	4.9	226	32	S	21	250	38
10	17.4	10.1	13.8	13.2	3	63	51	0	.....	1	T	T	30.34	30.03	30.211	3.9	3.7	241	25	WSW	13	283	61
11	23.9	9.8	16.8	16.1	5	62	48	0	.....	1	T	T	30.50	30.32	30.414	4.6	4.5	207	23	SSW	12	207	24
12	28.6	10.5	19.6	25.0	21	85	45	0	.....	3	0.25	2.5	30.36	30.08	30.204	3.7	2.6	218	21	NNE	10	214	12
13	10.5	-11.6	-0.6	-3.4	-10	75	66	0	.....	3	T	0.4	30.75	30.36	30.650	0.8	0.7	15	18	NNE	9	13	59
14	20.9	-9.7	5.6	4.1	-3	74	59	0	.....	2	0.00	0.0	30.64	30.23	30.406	1.2	1.2	207	20	S	13	206	86
15	22.9	-1.7	10.6	13.0	7	78	54	0	.....	2	0.00	0.0	30.23	29.69	30.009	1.7	1.7	209	19	S	9	215	79
16	23.6	-0.9	11.4	13.7	6	71	53	0	.....	2	T	0.1	30.18	29.57	29.820	6.0	3.8	275	28	WNW	16	311	52
17	21.7	-12.3	4.7	3.0	-8	62	60	0	.....	2	0.00	0.0	30.40	29.95	30.233	2.4	1.8	214	37	S	19	210	68
18	38.4	21.2	29.8	31.2	25	79	35	0	.....	1	0.34	0.3	29.98	29.58	29.817	5.9	5.8	202	39	SSW	21	215	50
19	33.0	13.1	23.1	28.0	27	94	42	0	.....	4	0.27	3.3	29.76	29.56	29.624	1.0	1.0	301	15	NW	8	286	2
20	18.6	-0.7	9.0	8.4	4	84	56	0	.....	4	0.00	0.0	30.08	29.76	29.882	0.9	0.9	282	14	W	8	297	34
21	21.2	-3.5	8.9	7.9	4	83	56	0	.....	4	0.00	0.0	30.22	30.08	30.177	0.0	0.0	158	5	SW	2	176	67
22	26.5	3.6	15.0	12.1	8	85	49	0	.....	4	0.00	0.0	30.29	30.17	30.222	0.1	0.1	311	8	WNW	5	305	105
23	27.6	10.1	18.9	20.1	15	80	46	0	.....	3	T	T	30.25	29.80	30.057	4.7	4.7	209	25	SSW	13	206	59
24	36.7	21.7	29.2	27.1	22	80	35	0	.....	2	0.01	0.3	29.81	29.26	29.482	2.4	2.3	207	18	SSW	10	212	72
25	28.4	0.2	14.3	12.5	7	77	51	0	.....	2	0.02	0.2	30.08	29.26	29.701	3.1	2.7	314	29	NW	16	315	85
26	14.1	-8.9	2.6	2.3	-4	76	62	0	.....	2	0.00	0.0	30.18	30.04	30.122	0.1	0.1	36	11	NNE	6	29	70
27	8.3	3.0	5.7	5.6	1	79	59	0	.....	6	0.08	4.0	30.04	29.90	29.940	1.8	1.8	11	23	N	9	10	25
28	16.7	0.9	8.8	6.8	-2	68	56	0	.....	5	T	T	30.30	29.93	30.129	0.6	0.5	10	14	N	7	23	79
29	30.2	0.2	15.2	17.6	4	57	50	0	.....	4	0.00	0.0	30.32	29.83	30.117	1.3	1.3	210	28	SSW	13	215	74
30	26.3	1.2	13.7	17.3	15	90	51	0	.....	9	0.18	5.3	30.08	29.77	29.881	5.0	3.2	301	26	NW	15	312	15
31	5.8	-11.0	-2.6*	-2.6	-9	74	68	0	.....	8	0.00	0.0	30.18	30.07	30.141	1.6	1.5	335	21	NW	13	309	100
Sum	Sum	-----	-----	---	----		Ttl	Ttl					For the month:						---					
	726	83					1606	0	Number of Days	1.73	20.2	30.75	29.26	30.039	3.1	1.9	244	39	SSW	23	307			
Avg	Avg	Avg	Mean	Avg	Avg		----	----	Precip	Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg				
	23.4	2.7	13.0	13.3	7	75.6	----	----	≥.01 inch	12	1.73	51.8	13	24+	-----	----	----	---	18	5	49			
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	5	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			4417	0	Thunder	0	Precipitation		Snow, Ice Plts												
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.00	-	5.3	30	9			30							
0	26	31	14	----	----			Clear	5	Partly Cloudy		11	Cloudy		15									

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 2015: 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	18	10	73	22	8	21	0	29.80	0.00	27	20	74	24	6	15	0	30.48	0.00	9	-1	62	33	0	0	04	0	29.88	0.00	18	10	71	21	2	12	0	29.84	0.00	27	22	81	28	3	8	0	30.51	0.00	6	-1	73	03	0	0	07	0	29.87	0.00	17	10	74	21	3	11	0	29.94	0.00	23	19	83	31	3	18	0	30.58	0.00	3	-2	77	10	0	0	10	81	29.87	0.00	20	12	68	20	4	23	60	30.07	0.00	20	12	71	30	2	9	111	30.57	0.00	10	2	69	05	0	0	13	153	29.77	0.00	23	14	67	21	12	24	130	30.08	0.00	21	9	59	29	2	12	109	30.53	0.00	15	5	64	10	0	0	16	7	29.76	0.00	24	16	70	22	5	23	23	30.18	0.00	20	8	61	29	4	14	5	30.41	0.00	19	12	72	09	0	0	19	0	29.75	0.00	26	13	59	21	7	18	0	30.31	0.00	14	3	61	30	2	13	0	30.30	0.00	21	19	91	17	5	13	22	0	29.77	0.00	26	14	60	21	2	11	0	30.40	0.00	13	-0	55	30	0	2	0	30.17	0.00	22	20	91	19	7	20
JAN 04																						JAN 05																						JAN 06																																																																																																																																																																																			
01	0	30.01	0.00	28	27	93	18	2	11	0	29.58	0.00	34	26	73	24	10	28	0	30.27	0.00	4	-5	67	30	5	15	04	0	29.88	0.00	29	28	96	20	0	9	0	29.68	0.00	27	19	72	29	8	21	0	30.27	0.00	1	-4	79	26	0	0	07	0	29.76	0.00	32	31	96	19	6	11	0	29.82	0.00	22	14	71	29	7	25	0	30.24	0.00	4	-0	82	26	0	0	10	14	29.66	0.00	37	36	97	20	7	16	65	29.97	0.00	15	3	58	31	10	29	97	30.21	0.00	9	3	78	19	1	7	13	33	29.49	0.00	42	41	96	19	7	22	176	30.00	0.00	13	-2	51	28	8	23	116	30.08	0.00	12	5	72	20	3	10	16	7	29.48	0.00	42	41	95	19	10	24	12	30.13	0.00	10	-6	49	29	9	23	14	30.03	0.00	12	8	85	21	4	15	19	0	29.49	0.00	44	39	85	24	3	14	0	30.25	0.00	5	-6	58	27	11	21	0	29.97	0.00	12	7	82	20	2	13	22	0	29.52	0.00	39	34	83	24	5	20	0	30.26	0.00	4	-8	58	28	0	5	0	29.91	0.00	12	8	83	20	3	16
JAN 07																						JAN 08																						JAN 09																																																																																																																																																																																			
01	0	29.81	0.00	12	8	83	19	4	10	0	30.22	0.00	-14	-18	78	31	1	11	0	29.88	0.00	14	4	63	20	8	24	04	0	29.76	0.00	12	8	83	21	2	18	0	30.22	0.00	-17	-21	81	32	0	0	0	29.77	0.00	14	4	64	21	10	24	07	0	29.73	0.00	12	7	82	20	5	11	0	30.24	0.00	-16	-20	82	15	1	4	0	29.74	0.00	13	9	83	20	2	23	10	102	29.72	0.00	14	10	82	20	3	7	72	30.20	0.00	-7	-12	80	21	10	15	209	29.74	0.00	17	12	78	20	8	23	13	98	29.82	0.00	6	-0	75	32	7	20	148	30.14	0.00	2	-3	78	20	5	11	19	29.71	0.00	20	14	79	22	3	18	16	12	29.98	0.00	-1	-7	76	31	13	23	25	30.11	0.00	8	2	79	18	5	14	19	29.85	0.00	18	4	52	26	4	14	19	0	30.12	0.00	-7	-12	79	33	7	16	0	30.07	0.00	12	4	72	20	9	24	0	29.92	0.00	16	6	64	23	0	6	22	0	30.20	0.00	-11	-15	82	32	5	11	0	30.01	0.00	14	5	67	19	8	18	0	30.00	0.00	17	6	62	28	3	16
JAN 10																						JAN 11																						JAN 12																																																																																																																																																																																			
01	0	30.05	0.00	14	0	54	29	1	6	0	30.36	0.00	11	2	66	22	7	14	0	30.30	0.00	25	12	57	19	5	16	04	0	30.09	0.00	10	5	80	02	0	0	0	30.43	0.00	11	3	68	20	5	11	0	30.25	0.00	27	16	64	19	5	11	07	0	30.15	0.00	12	3	68	23	0	7	0	30.46	0.00	10	3	71	20	2	10	0	30.19	0.00	25	23	92	19	5	15	10	93	30.24	0.00	13	6	71	25	2	14	63	30.50	0.00	14	5	66	18	3	14	51	30.16	0.00	27	26	93	20	4	12	13	374	30.24	0.00	16	1	52	27	7	18	121	30.39	0.00	18	6	60	20	6	23	49	30.10	0.00	28	26	94	20	8	14	16	25	30.26	0.00	15	2	57	24	1	8	12	30.39	0.00	20	5	53	21	0	11	0	30.11	0.00	28	27	94	25	0	0	19	0	30.29	0.00	14	5	65	21	6	10	0	30.39	0.00	20	7	56	20	2	8	0	30.18	0.00	25	23	93	34	3	8	22	0	30.32	0.00	12	2	65	21	7	19	0	30.37	0.00	23	9	56	20	5	9	0	30.29	0.00	18	15	87	32	6	19
JAN 13																						JAN 14																						JAN 15																																																																																																																																																																																			
01	0	30.39	0.00	6	2	81	02	4	18	0	30.63	0.00	-9	-13	82	07	0	0	0	30.20	0.00	6	3	88	20	0	0	04	0	30.53	0.00	-5	-10	80	00	2	8	0	30.56	0.00	-9	-12	85	07	0	0	0	30.18	0.00	3	0	89	20	0	0	07	0	30.66	0.00	-10	-14	80	02	0	5	0	30.51	0.00	-9	-13	84	07	0	0	0	30.17	0.00	-1	-4	86	19	0	0	10	83	30.74	0.00	-3	-10	71	03	0	0	229	30.45	0.00	6	-3	66	19	0	5	276	30.11	0.00	13	10	86	20	0	0	13	316	30.73	0.00	3	-9	59	36	0	0	279	30.34	0.00	18	6	58	21	8	20	315	29.98	0.00	21	12	66	19	1	8	16	49	30.71	0.00	1	-9	62	07	0	0	25	30.30	0.00	18	5	56	20	1	7	40	29.91	0.00	20	12	72	19	1	7	19	0	30.71	0.00	-7	-11	81	07	0	0	0	30.27	0.00	10	4	77	19	0	0	0	29.83	0.00	19	12	74	21	4	12	22	0	30.68	0.00	-7	-11	82	07	0	0	0	30.25	0.00	6	2	85	20	0	0	0	29.78	0.00	20	12	73	21	5	12
JAN 16																						JAN 17																						JAN 18																																																																																																																																																																																			
01	0	29.66	0.00	21	11	64	21	5	13	0	30.22	0.00	-3	-10	73	33	2	12	0	29.97	0.00	22	7	52	20	14	29	04	0	29.60	0.00	22	14	71	21	7	14	0	30.32	0.00	-8	-14	75	35	1	8	0	29.95	0.00	25	13	61	20	12	30	07	0	29.58	0.00	22	16	77	20	6	14	0	30.35	0.00	-11	-16	80	00	0	0	0	29.94	0.00	27	19	74	21	8	26	10	51	29.68	0.00	19	16	86	32	6	21	287	30.40	0.00	0	-10	61	03	0	0	176	29.89	0.00	33	26	77	19	4	23	13	162	29.81	0.00	11	3	69	31	8	18	285	30.29	0.00	7	-7	53	18	0	6	213	29.80	0.00	38	31	78	20	10	25	16	28	29.94	0.00	9	-1	64	31	7	18	32	30.22	0.00	8	-4	58	16	0	4	5	29.75	0.00	37	34	89	18	1	10	19	0	30.06	0.00	4	-4	69	29	5	12	0	30.12	0.00	12	-3	50	19	2	9	0	29.70	0.00	34	33	95	16	0	0	22	0	30.13	0.00	2	-5	70	33	8	18	0	29.99	0.00	20	-2	38	20	12	30	0	29.62	0.00	33	32	96	16	0	0

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 2015: 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	29.57	0.00	32	31	97	04	0	0	0	29.77	0.00	11	8	90	33	0	0	0	30.09	0.00	0	-2	89	07	0	0
04	0	29.57	0.00	32	31	97	01	0	0	0	29.79	0.00	5	2	89	31	0	0	0	30.13	0.00	-1	-4	88	07	0	0
07	0	29.58	0.00	31	30	97	01	0	0	0	29.82	0.00	1	-1	90	31	0	0	0	30.17	0.00	-3	-5	88	00	0	0
10	7	29.58	0.00	33	31	95	24	2	6	111	29.86	0.00	9	5	82	29	3	8	441	30.21	0.00	10	6	84	11	0	0
13	9	29.59	0.00	32	31	96	30	4	10	141	29.84	0.00	17	10	72	25	4	8	230	30.20	0.00	20	10	65	10	0	0
16	0	29.65	0.00	27	25	92	30	5	10	46	29.90	0.00	17	11	75	31	0	0	18	30.20	0.00	16	11	79	06	0	0
19	0	29.69	0.00	23	22	94	30	0	6	0	29.98	0.00	7	4	85	06	0	0	0	30.19	0.00	11	9	90	04	0	0
22	0	29.73	0.00	17	14	88	31	0	6	0	30.05	0.00	2	-1	87	07	0	0	0	30.19	0.00	8	6	90	04	0	0
JAN 22									JAN 23									JAN 24									
01	0	30.19	0.00	8	5	90	04	0	0	0	30.23	0.00	13	9	83	23	0	5	0	29.77	0.00	22	17	80	19	5	9
04	0	30.17	0.00	6	4	91	04	0	0	0	30.21	0.00	13	8	82	21	0	6	0	29.69	0.00	23	18	81	21	0	9
07	0	30.19	0.00	5	3	90	15	0	0	0	30.19	0.00	15	10	81	18	3	8	0	29.64	0.00	24	19	81	21	7	10
10	531	30.23	0.00	16	13	88	15	0	0	120	30.16	0.00	20	15	83	22	6	11	185	29.56	0.00	29	23	79	20	5	11
13	443	30.19	0.00	25	17	71	33	0	2	278	30.04	0.00	25	20	79	21	5	11	422	29.42	0.00	34	25	69	21	2	8
16	49	30.24	0.00	19	12	76	04	0	0	44	29.94	0.00	27	20	76	20	7	21	44	29.32	0.00	33	24	71	30	1	7
19	0	30.27	0.00	10	7	90	02	0	0	0	29.90	0.00	25	19	77	21	7	23	0	29.30	0.00	27	23	82	02	0	0
22	0	30.29	0.00	9	6	91	02	0	0	0	29.85	0.00	24	17	76	19	6	13	0	29.28	0.00	26	24	92	36	0	0
JAN 25									JAN 26									JAN 27									
01	0	29.27	0.00	28	25	90	24	3	10	0	30.09	0.00	-2	-6	81	01	0	0	0	30.02	0.00	3	-1	83	01	0	0
04	0	29.33	0.00	28	26	92	28	4	8	0	30.13	0.00	-5	-8	86	02	0	0	0	29.96	0.00	5	-0	77	05	0	6
07	0	29.53	0.00	15	11	83	32	8	14	0	30.16	0.00	-9	-12	84	08	0	0	0	29.93	0.00	8	1	74	35	0	0
10	288	29.69	0.00	10	3	72	32	3	12	142	30.16	0.00	-0	-5	81	03	0	1	105	29.94	0.00	8	-2	63	01	2	13
13	345	29.76	0.00	10	1	65	34	5	14	343	30.12	0.00	9	-1	63	01	0	9	91	29.91	0.00	5	1	82	01	2	13
16	46	29.86	0.00	9	-1	65	32	4	13	46	30.11	0.00	11	-0	60	03	0	1	18	29.92	0.00	5	2	86	35	3	13
19	0	29.98	0.00	3	-3	75	00	0	0	0	30.11	0.00	6	-1	74	01	0	0	0	29.94	0.00	5	2	86	33	0	11
22	0	30.06	0.00	2	-4	74	32	0	10	0	30.09	0.00	6	1	82	01	0	0	0	29.92	0.00	5	2	84	02	1	12
JAN 28									JAN 29									JAN 30									
01	0	29.94	0.00	3	-1	82	32	0	12	0	30.30	0.00	5	-3	70	07	0	0	0	29.81	0.00	24	22	93	20	6	12
04	0	29.98	0.00	2	-1	84	04	0	9	0	30.31	0.00	3	-4	72	10	0	0	0	29.77	0.00	25	23	93	20	6	15
07	0	30.06	0.00	4	0	85	35	0	9	0	30.30	0.00	2	-3	78	20	0	0	0	29.77	0.00	25	24	95	19	0	5
10	54	30.14	0.00	7	-1	70	01	0	10	278	30.23	0.00	14	3	61	06	0	0	18	29.80	0.00	26	25	94	26	0	6
13	410	30.14	0.00	14	-4	43	01	2	10	264	30.09	0.00	27	5	38	19	0	6	79	29.84	0.00	19	16	89	32	6	18
16	54	30.18	0.00	16	-3	43	02	0	0	42	29.99	0.00	29	7	38	20	2	11	28	29.93	0.00	12	9	89	33	3	18
19	0	30.25	0.00	7	-3	65	05	0	0	0	29.92	0.00	28	7	40	20	3	13	0	30.01	0.00	8	5	87	31	8	19
22	0	30.27	0.00	4	-4	70	06	0	0	0	29.86	0.00	28	10	45	20	8	18	0	30.05	0.00	4	0	83	34	9	21
JAN 31																											
01	0	30.08	0.00	-1	-5	83	32	5	14																		
04	0	30.11	0.00	-6	-10	83	32	1	11																		
07	0	30.16	0.00	-10	-14	84	02	3	10																		
10	339	30.18	0.00	-3	-10	73	35	2	8																		
13	429	30.14	0.00	2	-8	62	35	1	8																		
16	65	30.13	0.00	5	-7	56	01	0	5																		
19	0	30.16	0.00	-2	-9	73	06	0	0																		
22	0	30.14	0.00	-2	-7	80	07	0	0																		

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	30.028	12	6	77	3.3	23	2.3
04	0	30.028	10	5	80	2.2	23	1.6
07	0	30.046	9	5	82	2.1	23	1.3
10	153	30.062	14	8	77	2.8	24	1.8
13	212	30.019	18	9	69	4.0	25	2.4
16	27	30.028	17	8	69	2.9	27	1.8
19	0	30.047	14	7	75	2.8	25	1.8
22	0	30.047	13	6	75	3.3	23	1.8

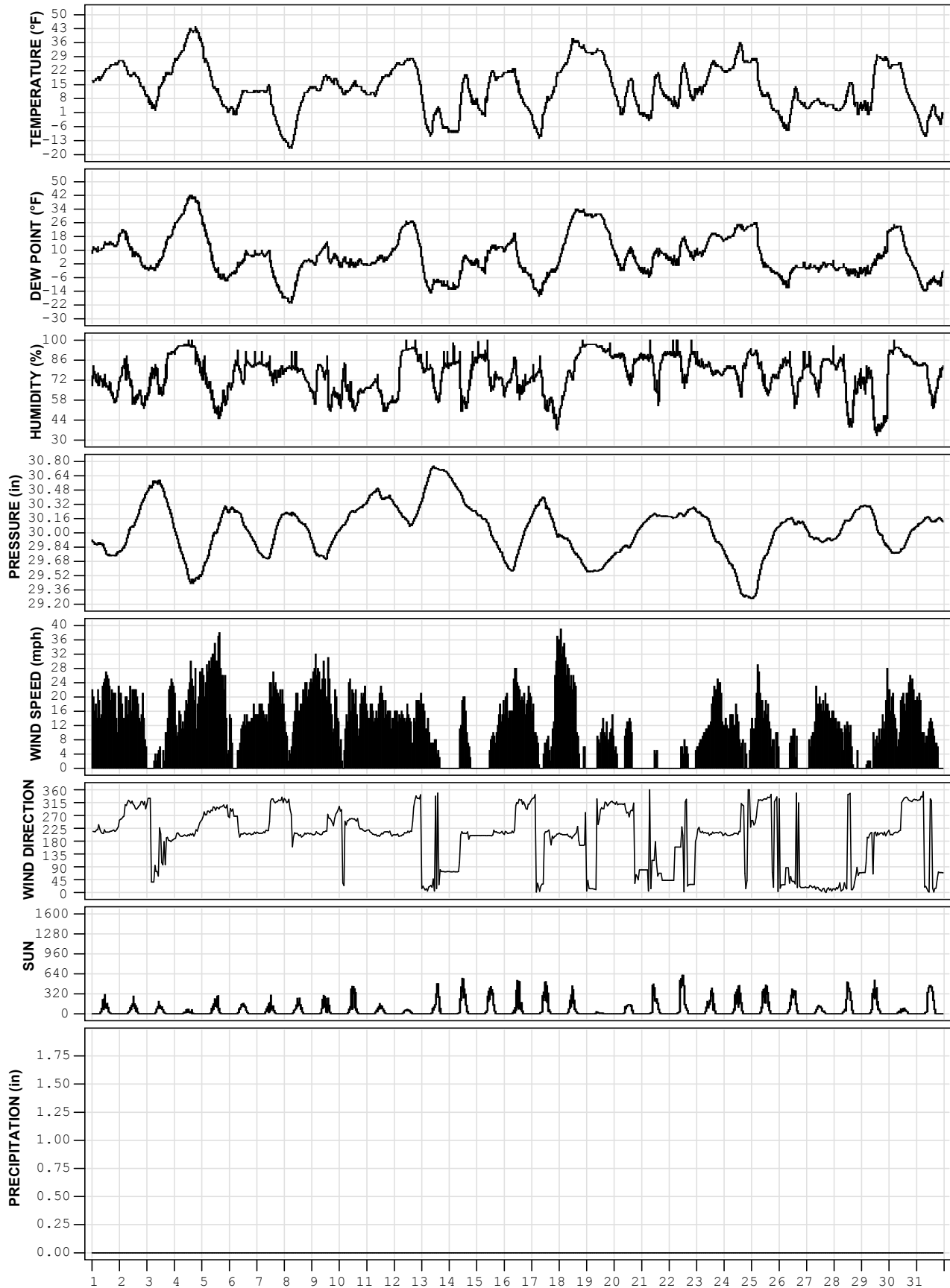
HOURLY PRECIPITATION (Water Equivalent) January 2015: Westford

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
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28																									28
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

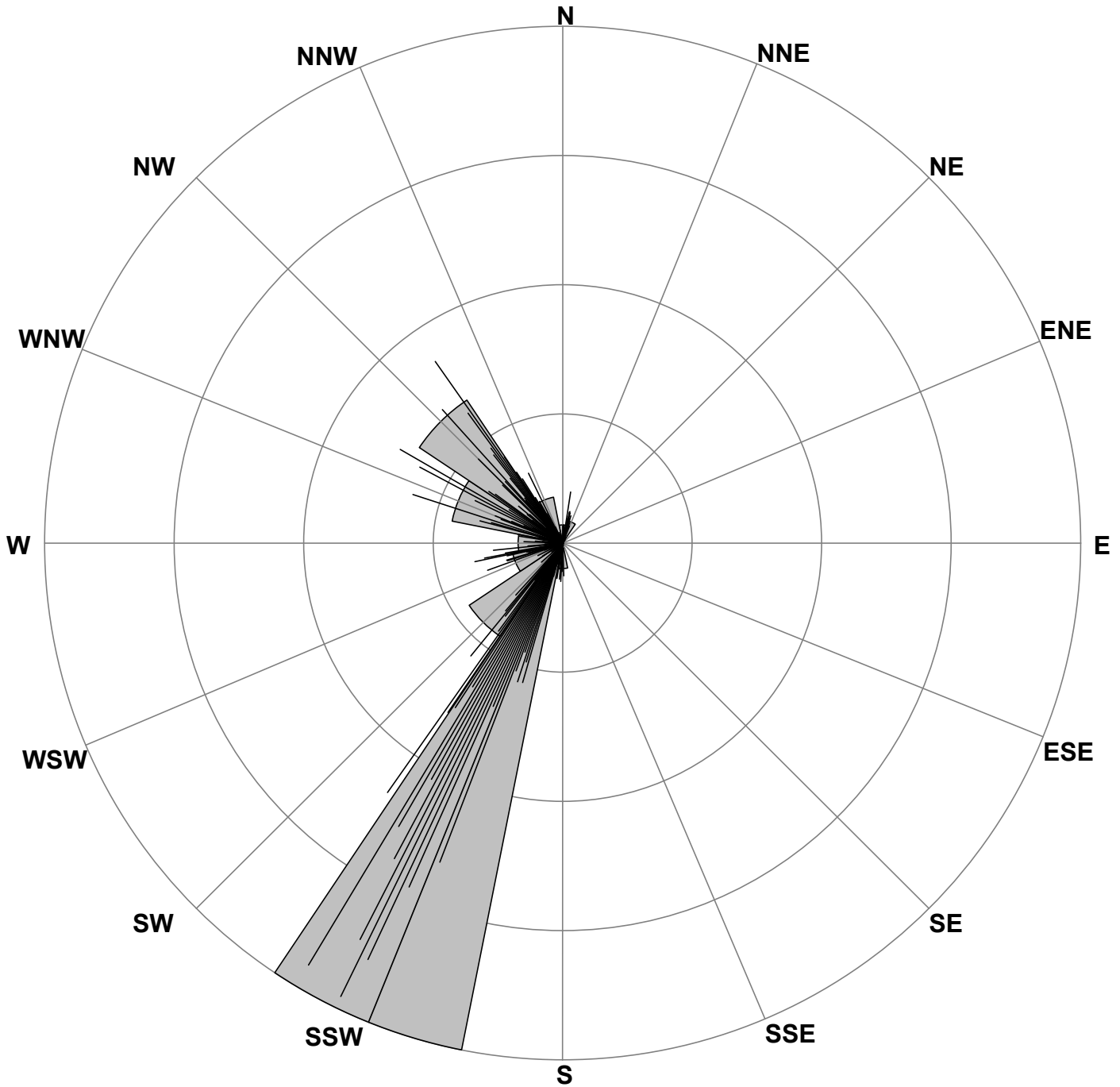
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA

January 2015: Westford



**Wind Rose: January 2015
Westford**



**Maximum direction of wind: 101.6 miles from 202°
Maximum sector of wind: 1057.2 miles from SSW
2299.0 total miles of wind**