

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### March 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
1	2	3	4A	4B	5	6	7	8		11	12	13	14	15	16	17	18	19	20	21	22	23		
1	27.3	2.9	15.1	16.8	9	73	50	0	.....	14	T	T	30.67	30.03	30.385	2.7	2.7	208	23	SSW	12	208	110	
2	26.2	10.3	18.3	20.1	14	79	47	0	.....	15	0.07	0.7	30.28	29.93	30.045	3.8	3.3	298	29	WNW	17	298	90	
3	25.1	3.5	14.3	16.8	6	65	50	0	.....	15	T	T	30.34	29.55	30.098	3.1	3.1	205	41	WSW	21	201	117	
4	34.7	25.0	29.9	30.2	22	74	35	0	.....	14	0.10	1.0	29.85	29.55	29.690	5.0	4.5	252	32	SW	17	287	60	
5	25.9	-2.3	11.8	10.7	-1	60	53	0	.....	14	T	T	30.36	29.82	30.134	2.2	2.1	319	22	WNW	13	304	101	
6	22.5	-6.2*	8.2*	9.8	-5	53	56	0	.....	14	0.00	0.0	30.48	30.17	30.349	1.7	1.7	206	14	SSW	7	205	169	
7	28.4	11.8	20.1	21.2	9	60	45	0	.....	14	0.00	0.0	30.17	29.93	30.021	2.7	2.5	218	15	SSW	8	200	132	
8	31.7	20.8	26.3	25.8	20	78	38	0	.....	14	0.02	0.3	30.01	29.90	29.952	2.0	1.9	230	18	WNW	9	218	97	
9	40.2	23.7	32.0	31.2	20	65	33	0	.....	13	0.06	T	30.15	29.91	30.017	3.5	2.8	250	25	SSW	12	290	154	
10	47.9	28.9	38.4	39.3	25	58	26	0	.....	10	0.00	0.0	30.19	29.82	30.065	5.2	5.1	208	30	S	15	206	131	
11	46.0	37.0	41.5*	41.0	31	69	23	0	.....	8	0.00	0.0	29.90	29.69	29.815	5.0	4.0	246	23	SW	12	211	107	
12	37.4	15.3	26.4	22.7	11	62	39	0	.....	8	T	T	30.57	29.90	30.347	4.8	4.7	331	32	WNW	16	320	161	
13	30.4	12.0	21.2	21.9	10	61	44	0	.....	7	0.00	T	30.60	30.23	30.482	0.5	0.4	233	9	WSW	6	217	133	
14	42.1	30.4	36.2	36.1	24	64	29	0	.....	7	0.02	0.0	30.23	29.59	29.924	1.6	1.6	190	14	SSW	9	206	65	
15	34.9	17.9	26.4	27.5	25	92	38	0	.....	8	0.46	1.6	30.01	29.57	29.742	2.3	1.7	330	24	NNE	11	268	27	
16	41.0	14.4	27.7	28.9	20	71	37	0	.....	7	0.00	0.0	30.00	29.67	29.876	0.8	0.8	210	12	SSW	6	216	146	
17	36.7	20.1	28.4	29.8	22	75	36	0	.....	7	0.07	T	29.81	29.43	29.607	5.3	3.6	308	35	WNW	19	316	44	
18	20.1	10.1	15.1	14.8	2	55	50	0	.....	7	0.00	0.0	30.12	29.81	29.974	6.3	6.3	327	32	NW	17	300	177	
19	26.0	7.7	16.8	16.2	1	53	48	0	.....	7	0.00	0.0	30.32	30.11	30.250	1.5	1.5	330	24	N	14	317	201	
20	36.0	10.6	23.3	24.1	8	52	41	0	.....	7	0.00	0.0	30.33	30.05	30.204	2.8	2.8	210	23	SSW	13	214	151	
21	37.5	19.3	28.4	30.2	25	82	36	0	.....	7	0.03	T	30.05	29.65	29.851	5.6	4.1	230	31	WNW	18	301	82	
22	19.3	5.3	12.3	10.8	-1	60	53	0	.....	7	0.00	0.0	30.09	29.90	30.030	5.2	5.1	324	27	NNW	17	305	210	
23	19.5	2.8	11.1	10.6	-1	60	53	0	.....	7	0.00	0.0	30.31	30.07	30.202	3.8	3.6	319	25	NNW	14	299	207	
24	34.7	6.2	20.5	20.0	9	65	44	0	.....	6	0.00	0.0	30.38	30.30	30.336	0.3	0.3	327	10	W	6	292	209	
25	48.1*	15.5	31.8	31.4	19	65	33	0	.....	5	0.05	T	30.35	29.89	30.185	4.1	4.1	207	34	SW	19	211	194	
26	42.3	32.3	37.3	37.0	34	91	28	0	.....	4	0.43	0.2	29.90	29.67	29.771	3.1	3.1	210	29	S	14	207	49	
27	34.3	24.8	29.5	31.2	30	94	35	0	.....	4	0.15	0.3	29.85	29.66	29.727	0.6	0.5	342	18	NNW	8	328	53	
28	26.3	15.9	21.1	21.3	12	68	44	0	.....	4	T	T	30.09	29.85	29.946	1.6	1.5	350	18	NW	9	327	193	
29	39.3	9.9	24.6	26.3	8	47	40	0	.....	4	0.00	0.0	30.21	29.91	30.091	1.4	1.3	221	19	SSW	9	203	224	
30	37.8	30.5	34.1	33.9	24	68	30	0	.....	4	T	T	29.91	29.54	29.645	6.7	6.3	217	32	S	16	195	50	
31	36.3	21.3	28.8	29.7	16	60	36	0	.....	3	T	T	29.84	29.64	29.742	2.3	2.2	314	24	WNW	15	310	214	
<b>Sum</b>	<b>Sum</b>	-----	-----	---	----		<b>Ttl</b>	<b>Ttl</b>					<b>For the month:</b>						---					
1036	478						1250	0	<b>Number of Days</b>	1.46	4.1	30.67	29.43	30.016	3.1	1.8	260	41	WSW	21	201			
<b>Avg</b>	<b>Avg</b>	<b>Avg</b>	<b>Mean</b>	<b>Avg</b>	<b>Avg</b>		----	----	<b>Precip</b>	<b>Season Ttl</b>	<b>Date</b>	<b>Date</b>	-----	----	----	---	<b>Date</b>	<b>Date</b>	<b>Avg</b>					
33.4	15.4	24.4	24.7	15	67.0	----	----	----	≥.01 inch	11	4.89	82.1	1	17	-----	----	----	---	3	3	130			
<b>Number of Days</b>							<b>Season to Date</b>	<b>Snow, Ice ≥1.0 inch</b>	<b>2</b>	<b>Greatest in 24 Hours and Dates</b>						<b>Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date</b>								
<b>Max Temperature</b>			<b>Min Temperature</b>			7297	0	<b>Thunder</b>	0	<b>Precipitation</b>		<b>Snow, Ice Plts</b>												
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	----	----	<b>Heavy Fog</b>	0	0.00	-	1.6	15	15			2+							
0	13	30	2	----	----	----	----	<b>Clear</b>	5	<b>Partly Cloudy</b>		9	<b>Cloudy</b>			17								

**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 March 2015: 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
01	0	30.66	0.00	10	3	74	20	0	0	0	30.01	0.00	21	18	90	20	2	12	0	30.30	0.00	10	3	72	32	0	6
04	0	30.61	0.00	7	1	77	20	0	1	0	29.93	0.00	20	18	92	20	0	3	0	30.32	0.00	7	1	75	31	0	0
07	23	30.59	0.00	6	2	83	20	0	0	11	29.95	0.00	20	18	92	24	0	0	16	30.33	0.00	4	-1	79	31	0	0
10	327	30.49	0.00	19	4	52	21	2	7	234	29.98	0.00	21	16	79	30	0	7	497	30.32	0.00	19	0	43	18	2	6
13	626	30.34	0.00	26	10	50	19	6	18	243	29.96	0.00	26	15	65	32	2	15	445	30.19	0.00	24	2	37	21	2	10
16	67	30.25	0.00	24	16	71	20	4	16	102	30.03	0.00	24	11	56	30	10	19	58	30.02	0.00	23	7	50	18	1	10
19	0	30.15	0.00	22	17	80	19	3	20	0	30.19	0.00	20	12	73	34	7	18	0	29.81	0.00	20	16	84	18	2	13
22	0	30.09	0.00	21	19	91	21	4	10	0	30.26	0.00	13	6	72	29	0	2	0	29.62	0.00	24	20	86	20	16	41
01	0	29.56	0.00	26	23	88	20	8	24	0	29.88	0.00	24	7	48	26	7	15	0	30.38	0.00	-2	-10	68	27	0	0
04	0	29.58	0.00	28	25	90	21	4	10	0	29.95	0.00	18	7	61	30	1	13	0	30.40	0.00	-4	-11	71	27	0	0
07	5	29.65	0.00	29	27	90	19	0	6	25	30.06	0.00	13	7	79	32	1	10	19	30.44	0.00	-2	-9	71	18	0	3
10	204	29.72	0.00	31	23	71	27	12	28	232	30.18	0.00	9	-1	63	33	8	18	508	30.46	0.00	12	-4	47	20	1	7
13	213	29.71	0.00	33	24	71	27	5	15	345	30.17	0.00	10	-3	56	31	4	11	603	30.39	0.00	19	-3	37	24	1	5
16	98	29.72	0.00	34	22	62	27	7	18	132	30.19	0.00	11	-4	52	02	2	11	244	30.30	0.00	22	-3	33	20	2	12
19	0	29.73	0.00	30	19	63	26	3	11	0	30.25	0.00	4	-6	64	05	0	5	0	30.24	0.00	17	-1	44	21	5	8
22	0	29.80	0.00	29	18	63	26	2	7	0	30.34	0.00	1	-8	66	30	0	0	0	30.22	0.00	15	-1	49	20	1	9
01	0	30.17	0.00	15	1	53	21	4	10	0	29.95	0.00	23	17	79	23	0	0	0	30.01	0.00	26	18	70	24	4	10
04	0	30.10	0.00	13	1	58	20	4	8	0	29.94	0.00	22	18	82	21	1	5	0	29.95	0.00	25	20	83	20	5	14
07	30	30.07	0.00	15	2	57	21	2	13	0	29.95	0.00	21	18	87	20	1	6	0	29.93	0.00	25	22	91	22	5	21
10	373	30.04	0.00	22	8	55	21	3	10	192	29.94	0.00	25	19	77	18	4	9	151	30.00	0.00	28	23	80	26	3	13
13	374	29.98	0.00	27	13	56	24	3	10	392	29.92	0.00	31	19	62	19	7	10	633	30.05	0.00	34	21	58	33	2	13
16	151	29.93	0.00	27	15	59	21	2	8	30	29.92	0.00	28	25	90	22	1	9	403	30.03	0.00	38	14	38	31	2	8
19	0	29.95	0.00	26	15	64	23	0	6	0	29.98	0.00	26	21	83	24	1	7	0	30.05	0.00	35	18	51	23	0	7
22	0	29.97	0.00	24	17	72	24	3	9	0	30.00	0.00	26	19	74	24	5	8	0	30.11	0.00	36	22	57	25	3	13
01	0	30.16	0.00	35	23	62	24	3	14	0	29.79	0.00	41	33	73	20	10	18	0	29.95	0.00	32	28	86	35	6	25
04	0	30.17	0.00	32	23	68	23	0	5	0	29.72	0.00	39	36	88	21	7	19	0	30.09	0.00	27	19	71	33	9	24
07	0	30.18	0.00	31	22	69	20	0	4	0	29.73	0.00	40	37	90	21	5	12	0	30.26	0.00	21	11	65	33	7	15
10	260	30.18	0.00	37	24	60	18	0	10	67	29.82	0.00	41	34	77	28	6	14	185	30.37	0.00	22	9	56	00	6	20
13	438	30.10	0.00	44	23	44	20	8	21	269	29.86	0.00	43	31	63	29	3	13	912	30.46	0.00	22	9	56	33	5	15
16	251	30.00	0.00	47	25	41	20	8	24	475	29.86	0.00	44	27	51	32	3	12	434	30.47	0.00	23	6	47	33	5	19
19	0	29.93	0.00	44	30	57	19	7	16	0	29.86	0.00	40	18	41	30	0	1	0	30.51	0.00	20	5	52	35	1	12
22	0	29.86	0.00	43	31	61	20	10	21	0	29.87	0.00	39	28	67	25	2	14	0	30.56	0.00	18	4	55	34	0	4
01	0	30.55	0.00	16	5	63	32	0	0	0	30.20	0.00	31	15	51	18	1	7	0	29.59	0.00	34	33	95	18	0	0
04	0	30.58	0.00	13	5	69	02	0	0	0	30.14	0.00	32	16	50	18	1	11	0	29.57	0.00	34	33	96	26	5	10
07	0	30.60	0.00	13	4	67	02	0	0	0	30.10	0.00	31	19	60	19	0	0	0	29.60	0.00	30	29	95	02	0	0
10	394	30.57	0.00	23	0	37	06	0	4	218	30.03	0.00	37	20	49	18	2	6	49	29.64	0.00	26	24	94	29	4	11
13	464	30.54	0.00	28	5	37	25	3	9	195	29.91	0.00	42	24	49	19	2	7	144	29.71	0.00	28	26	92	34	2	12
16	288	30.44	0.00	28	15	56	27	2	7	120	29.78	0.00	41	33	73	20	0	9	32	29.83	0.00	25	22	90	35	2	12
19	0	30.36	0.00	25	21	83	18	0	0	0	29.70	0.00	37	31	80	15	0	9	0	29.95	0.00	24	20	86	00	4	12
22	0	30.28	0.00	26	22	85	18	0	0	0	29.63	0.00	35	33	93	16	3	9	0	30.00	0.00	21	19	92	01	0	0
01	0	29.98	0.00	20	19	94	02	0	0	0	29.64	0.00	36	23	59	20	4	8	0	29.82	0.00	18	8	63	33	9	24
04	0	29.99	0.00	18	17	93	02	0	0	0	29.55	0.00	36	27	71	22	0	6	0	29.84	0.00	15	3	59	33	8	19
07	0	29.99	0.00	16	14	93	02	0	0	0	29.49	0.00	33	32	95	19	3	8	0	29.92	0.00	12	2	62	32	5	27
10	374	29.93	0.00	28	24	84	28	0	0	54	29.45	0.00	35	34	96	21	5	10	432	29.98	0.00	13	0	57	33	8	28
13	455	29.89	0.00	34	22	59	22	1	3	63	29.51	0.00	29	26	88	33	10	29	740	30.00	0.00	15	1	55	34	7	20
16	374	29.81	0.00	40	17	40	21	0	2	192	29.66	0.00	26	17	68	34	10	21	172	30.01	0.00	16	-1	47	31	11	24
19	0	29.75	0.00	36	22	58	21	1	7	0	29.73	0.00	25	10	52	33	6	24	7	30.05	0.00	17	1	47	32	7	12
22	0	29.74	0.00	36	23	59	21	4	9	0	29.80	0.00	22	12	65	35	0	12	0	30.11	0.00	14	0	53	32	0	8

### 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

## March 2015: 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
01	0	30.13	0.00	11	1	63	03	0	0	0	30.32	0.00	14	1	56	26	0	0	0	30.03	0.00	27	21	80	19	6	14
04	0	30.15	0.00	9	0	68	32	0	1	0	30.30	0.00	16	1	53	19	0	1	0	29.99	0.00	26	22	84	20	5	14
07	5	30.22	0.00	8	-1	65	33	0	2	5	30.30	0.00	11	3	70	17	0	0	0	29.94	0.00	27	23	84	18	3	8
10	459	30.30	0.00	16	0	50	32	3	15	302	30.25	0.00	26	4	38	22	0	5	320	29.89	0.00	31	26	81	20	5	12
13	698	30.29	0.00	20	1	43	31	7	16	404	30.20	0.00	33	6	31	21	6	20	332	29.80	0.00	37	29	74	21	6	14
16	464	30.27	0.00	25	5	41	33	1	12	304	30.13	0.00	35	7	30	21	6	14	79	29.67	0.00	37	29	73	20	7	14
19	5	30.28	0.00	22	3	44	36	0	2	5	30.10	0.00	31	16	54	20	4	12	0	29.67	0.00	35	31	87	22	7	18
22	0	30.31	0.00	18	6	57	00	0	0	0	30.08	0.00	27	21	75	21	5	15	0	29.82	0.00	26	22	85	30	13	27
MAR 22									MAR 23									MAR 24									
01	0	29.94	0.00	16	9	73	31	1	18	0	30.09	0.00	10	2	70	33	10	20	0	30.32	0.00	8	2	77	04	0	0
04	0	29.98	0.00	12	3	67	32	1	11	0	30.14	0.00	5	-5	61	31	5	13	0	30.32	0.00	7	2	80	04	0	0
07	5	30.03	0.00	6	-2	69	34	6	14	9	30.17	0.00	3	-8	60	30	6	16	9	30.33	0.00	7	2	81	04	0	0
10	475	30.08	0.00	6	-8	52	33	9	23	475	30.19	0.00	8	-7	51	33	10	21	480	30.37	0.00	21	7	54	05	0	5
13	712	30.06	0.00	10	-4	51	28	11	20	705	30.20	0.00	15	-0	50	35	3	11	708	30.35	0.00	29	12	49	31	4	7
16	545	30.02	0.00	15	-0	50	33	3	21	469	30.21	0.00	19	5	55	01	1	16	476	30.32	0.00	33	15	47	32	2	6
19	11	30.05	0.00	12	-3	50	30	7	19	9	30.27	0.00	15	5	62	04	0	9	9	30.32	0.00	31	16	54	36	0	0
22	0	30.06	0.00	10	1	67	25	1	5	0	30.31	0.00	10	4	74	04	0	2	0	30.36	0.00	23	16	73	36	0	0
MAR 25									MAR 26									MAR 27									
01	0	30.35	0.00	19	14	81	36	0	0	0	29.88	0.00	36	33	89	21	10	27	0	29.68	0.00	32	31	97	20	0	0
04	0	30.34	0.00	18	12	80	21	0	0	0	29.84	0.00	37	34	89	21	8	20	0	29.68	0.00	32	31	97	20	0	0
07	11	30.34	0.00	16	12	83	21	0	0	0	29.83	0.00	39	35	87	21	6	26	0	29.69	0.00	32	31	97	20	0	0
10	492	30.32	0.00	34	17	50	18	2	8	223	29.81	0.00	41	36	83	21	5	11	25	29.71	0.00	33	32	97	20	0	0
13	717	30.21	0.00	43	19	37	22	4	13	67	29.77	0.00	39	37	90	22	1	6	153	29.71	0.00	33	32	95	33	2	5
16	322	30.05	0.00	47	18	32	21	5	12	53	29.69	0.00	37	36	94	20	0	0	190	29.73	0.00	31	29	92	03	1	6
19	0	29.98	0.00	42	24	48	19	6	28	0	29.68	0.00	34	33	96	20	0	0	9	29.77	0.00	30	27	90	33	0	0
22	0	29.93	0.00	35	31	86	21	14	33	0	29.71	0.00	32	31	96	20	0	0	0	29.81	0.00	28	25	91	35	1	10
MAR 28									MAR 29									MAR 30									
01	0	29.86	0.00	24	22	93	35	1	6	0	30.09	0.00	16	5	62	23	0	0	0	29.86	0.00	32	12	44	19	6	12
04	0	29.85	0.00	22	19	89	32	1	8	0	30.10	0.00	14	5	69	18	0	0	0	29.77	0.00	34	12	41	21	5	20
07	11	29.91	0.00	18	11	74	34	2	7	12	30.16	0.00	13	3	64	18	0	0	0	29.67	0.00	32	18	57	19	6	20
10	378	29.95	0.00	21	11	66	33	1	10	524	30.21	0.00	26	4	38	28	0	7	100	29.59	0.00	32	27	79	20	10	22
13	624	29.95	0.00	24	14	64	33	2	13	749	30.17	0.00	34	8	34	32	4	13	91	29.54	0.00	35	29	81	22	3	15
16	445	29.94	0.00	26	12	55	33	6	13	508	30.06	0.00	39	10	29	24	0	7	35	29.56	0.00	36	30	77	22	8	13
19	12	29.99	0.00	22	7	52	30	1	10	12	30.01	0.00	35	13	40	21	1	9	9	29.59	0.00	37	29	74	25	10	18
22	0	30.08	0.00	16	5	61	29	0	0	0	29.95	0.00	32	13	45	20	7	14	0	29.63	0.00	33	30	87	23	4	9
MAR 31																											
01	0	29.66	0.00	31	28	88	28	6	13																		
04	0	29.69	0.00	29	22	76	31	5	16																		
07	16	29.74	0.00	26	20	78	34	0	8																		
10	188	29.76	0.00	28	19	67	31	6	14																		
13	752	29.73	0.00	33	16	48	32	1	13																		
16	524	29.73	0.00	36	8	30	32	2	6																		
19	14	29.77	0.00	31	11	44	02	0	4																		
22	0	29.83	0.00	25	11	57	03	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	30.026	22	15	73	3.1	25	1.7
04	0	30.020	21	14	74	2.4	26	1.3
07	7	30.037	19	13	77	1.9	26	0.9
10	297	30.050	25	14	64	3.7	28	2.0
13	460	30.022	29	15	57	4.1	28	2.3
16	259	29.988	30	15	56	3.6	28	2.0
19	3	29.990	27	16	63	2.7	26	1.4
22	0	30.004	24	16	71	3.2	23	2.5

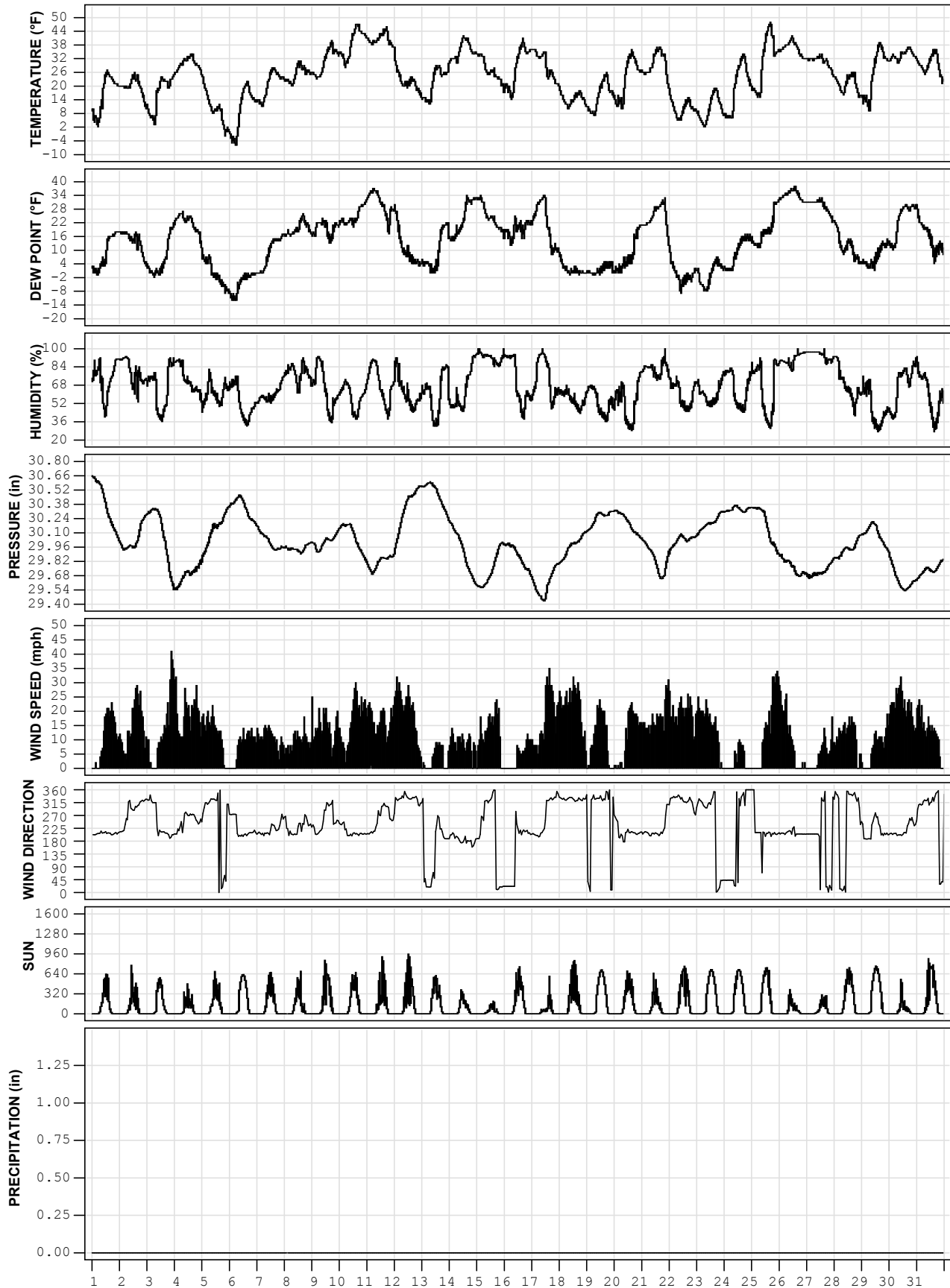
## HOURLY PRECIPITATION (Water Equivalent) March 2015: Westford

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
04																									04
05																									05
06																									06
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08																									08
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28																									28
29																									29
30																									30
31																									31
<b>Sum</b>	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	<b>Sum</b>

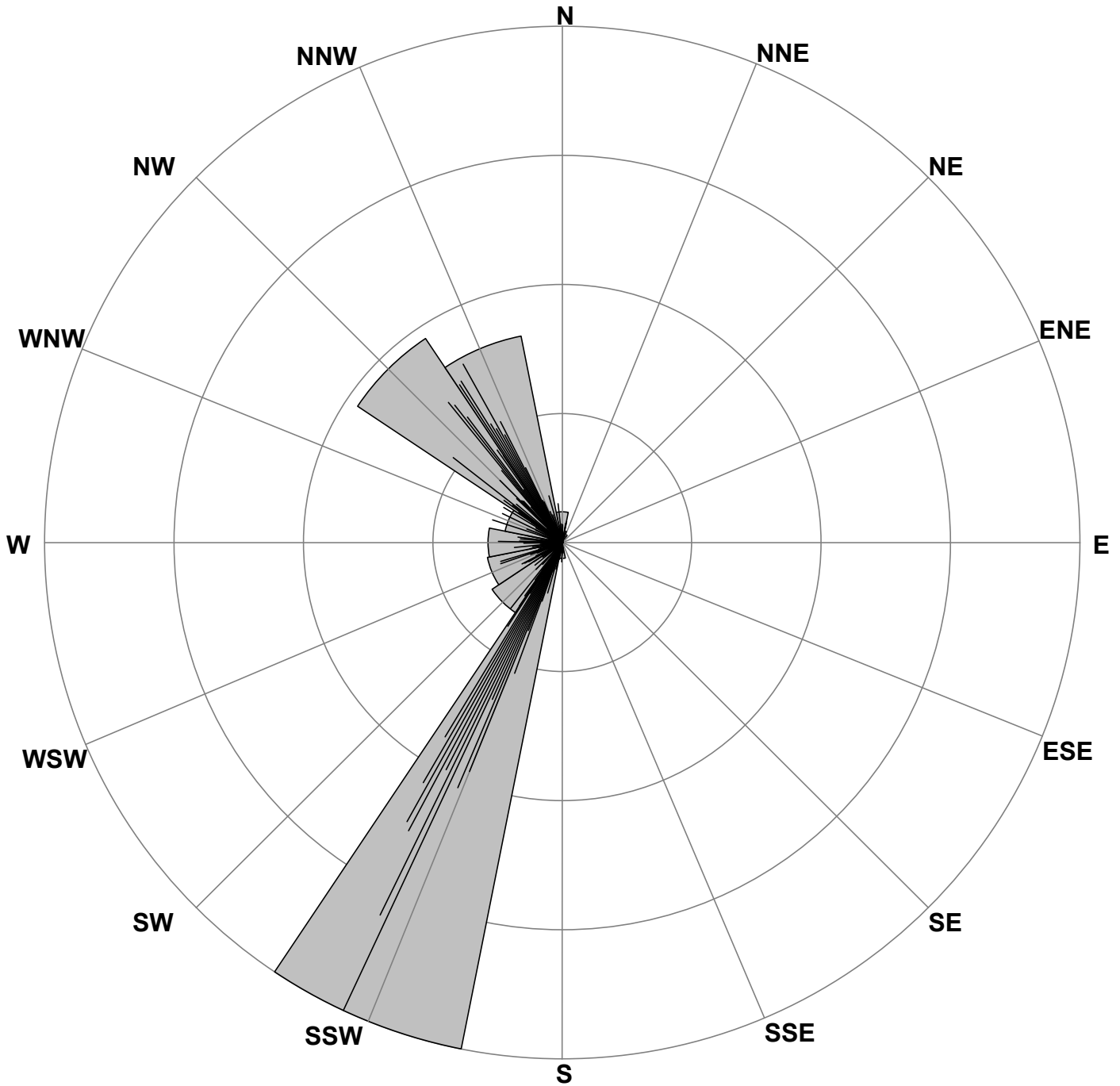
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

# HOUR-BY-HOUR DATA

## March 2015: Westford



**Wind Rose: March 2015  
Westford**



**Maximum direction of wind: 131.3 miles from 205°  
Maximum sector of wind: 914.8 miles from SSW  
2338.8 total miles of wind**