

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

May 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	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	48.5	39.8	44.1	44.3	35	73	20	0	.....	0	0.27	0.0	30.15	30.01	30.100	0.8	0.7	208	11	WSW	7	219	64
2	45.4	40.2	42.8	42.3	41	95	22	0	.....	0	0.38	0.0	30.02	29.86	29.935	0.3	0.2	317	10	NW	6	311	46
3	48.6	35.6	42.1	42.3	39	89	22	0	.....	0	0.00	0.0	29.93	29.81	29.871	0.2	0.1	38	7	N	4	57	92
4	55.4	35.5	45.5	45.7	41	85	19	0	.....	0	0.04	0.0	29.81	29.76	29.785	1.2	1.2	189	14	SSW	8	192	110
5	59.8	42.8	51.3	50.4	43	78	13	0	.....	0	0.00	0.0	29.80	29.71	29.758	1.3	1.3	31	14	N	7	25	128
6	72.8	39.5	56.2	56.0	43	64	8	0	.....	0	0.00	0.0	29.82	29.70	29.764	1.3	1.2	352	16	NNE	9	306	285
7	71.6	48.4	60.0	59.4	49	70	5	0	.....	0	0.00	0.0	29.79	29.54	29.679	3.5	3.5	198	18	SSW	10	230	261
8	54.2	34.3	44.3	45.4	40	81	21	0	.....	0	0.62	0.0	29.80	29.41	29.574	5.2	3.2	261	24	NW	14	304	50
9	49.2	31.4	40.3	40.0	26	59	25	0	.....	0	0.00	0.0	30.09	29.80	29.942	2.5	2.5	298	25	NW	16	310	179
10	65.4	35.8	50.6	50.4	32	51	14	0	.....	0	0.00	0.0	30.20	30.08	30.135	0.9	0.9	309	16	NW	8	285	303
11	68.6	40.2	54.4	54.3	33	48	10	0	.....	0	0.00	0.0	30.19	30.09	30.138	0.8	0.8	319	16	NW	9	307	299
12	80.6	41.6	61.1	62.4	37	42	3	0	.....	0	0.00	0.0	30.14	29.85	30.016	0.8	0.8	219	13	SW	8	215	283
13	71.0	55.0	63.0	60.3	49	70	2	0	.....	0	0.27	0.0	29.85	29.64	29.710	4.4	4.4	204	27	S	15	212	88
14	70.4	46.8	58.6	58.3	48	70	6	0	.....	0	0.16	0.0	29.69	29.44	29.582	3.0	2.6	233	24	W	12	244	224
15	50.0	34.5	42.3	42.4	37	83	22	0	.....	0	0.37	0.0	29.74	29.49	29.563	4.0	3.9	284	24	WNW	13	286	100
16	45.8	33.9	39.9*	39.4	29	67	25	0	.....	0	0.00	0.0	30.02	29.73	29.846	4.8	4.8	292	24	W	14	289	65
17	62.3	35.8	49.0	48.2	34	60	16	0	.....	0	0.00	0.0	30.11	30.01	30.062	1.1	1.0	314	19	W	12	320	305
18	62.2	40.1	51.1	50.1	40	70	14	0	.....	0	0.00	0.0	30.17	30.07	30.115	0.4	0.4	326	16	WNW	10	298	215
19	67.8	40.3	54.1	53.8	41	66	11	0	.....	0	T	0.0	30.10	30.01	30.053	1.2	1.1	301	22	WNW	8	298	268
20	73.5	40.2	56.9	57.3	42	62	8	0	.....	0	0.00	0.0	30.20	30.09	30.134	0.8	0.6	286	16	WNW	8	312	301
21	74.0	48.1	61.0	61.4	44	56	4	0	.....	0	0.00	0.0	30.10	29.82	29.970	1.7	1.6	223	15	WNW	9	214	214
22	76.0	48.1	62.0	58.7	50	74	3	0	.....	0	0.06	0.0	29.88	29.76	29.815	0.8	0.7	320	14	WNW	8	294	205
23	79.2	45.1	62.1	61.8	46	64	3	0	.....	0	0.01	0.0	29.93	29.83	29.888	0.4	0.3	349	16	N	7	302	307
24	81.2	46.7	63.9	64.0	48	58	1	0	.....	0	0.00	0.0	29.88	29.81	29.847	1.8	1.6	224	19	SSW	9	227	280
25	82.1	53.2	67.6	67.0	54	66	0	3	.....	0	0.00	0.0	30.00	29.84	29.897	2.1	1.9	222	20	S	10	207	233
26	78.5	49.0	63.8	65.1	53	67	1	0	.....	0	0.00	0.0	30.09	29.94	30.018	0.2	0.1	27	13	N	6	34	282
27	87.5*	62.7	75.1*	75.7	63	65	0	11	.....	0	T	0.0	29.95	29.83	29.901	2.2	2.2	214	19	SSW	12	217	284
28	87.0	63.1	75.0	75.1	65	72	0	10	.....	0	0.00	0.0	30.03	29.92	29.994	0.4	0.2	297	9	W	5	301	270
29	85.3	59.8	72.6	70.1	65	84	0	8	..3	0	0.36	0.0	30.04	29.91	29.991	1.3	1.3	214	19	SSW	8	211	170	
30	83.4	64.3	73.9	71.6	64	78	0	9	.....	0	0.09	0.0	29.91	29.72	29.805	3.2	3.0	222	19	SSW	11	221	258
31	79.1	56.8	67.9	67.5	54	64	0	3	.....	0	0.00	0.0	29.98	29.79	29.843	2.3	2.1	275	20	WNW	12	295	305
Sum	Sum				---	--	Ttl	Ttl			Total	Total	For the month:											---
2116	1389						298	44		Number of Days	2.63	0.0	30.20	29.41	29.895	1.8	1.1	254	27	S	16	310		
Avg	Avg	Avg	Mean	Avg	Avg		--	--		Precip	Season Ttl		Date	Date		--	--	---	Date	Date	Avg			
68.3	44.8	56.5	56.2	45	68.8		--	--		≥.01 inch	11	13.59	38.7	10	8		--	--	---	13	9	209		
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	0	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			7004	44	Thunder	1	Precipitation		Snow, Ice Plts												
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	--	--	--	--	Heavy Fog	0	0.62	8	0.0	-	0					-					
0	0	1	0	--	--	--	--	Clear	9	Partly Cloudy		12	Cloudy		10									

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

May 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																																																																																																																																																																																																										
MAY 01																						MAY 02																						MAY 03																																																																																																																																																																																			
01	0	30.15	0.00	42	26	53	02	0	0	0	30.01	0.00	41	40	95	18	0	1	0	29.92	0.00	41	41	97	32	0	0	04	0	30.13	0.00	41	24	51	02	0	0	0	29.97	0.00	41	40	96	19	0	0	0	29.91	0.00	40	40	97	32	0	0	07	40	30.12	0.00	42	28	59	33	0	0	40	29.96	0.00	40	39	96	15	0	2	32	29.91	0.00	39	38	97	32	0	0	10	160	30.13	0.00	48	31	51	23	3	11	156	29.94	0.00	44	41	91	06	0	0	79	29.91	0.00	41	39	92	01	0	0	13	178	30.14	0.07	46	44	93	22	0	0	79	29.91	0.05	44	42	93	04	0	0	281	29.88	0.00	44	39	84	06	0	5	16	127	30.07	0.00	46	44	93	09	0	0	105	29.89	0.07	44	42	96	05	0	0	267	29.83	0.00	48	40	73	01	0	7	19	16	30.03	0.00	45	43	94	14	3	6	11	29.91	0.00	43	42	96	30	0	7	107	29.82	0.00	48	40	73	06	1	4	22	0	30.04	0.00	43	41	95	20	0	0	0	29.93	0.00	42	41	97	32	0	0	0	29.82	0.00	40	38	94	06	0	2
MAY 04																						MAY 05																						MAY 06																																																																																																																																																																																			
01	0	29.80	0.00	36	35	96	06	0	0	0	29.79	0.00	44	43	97	20	0	0	0	29.72	0.00	46	40	80	01	0	7	04	0	29.77	0.00	37	36	97	06	0	0	0	29.75	0.00	43	43	97	20	0	0	0	29.71	0.00	42	38	85	03	2	8	07	109	29.78	0.00	40	40	97	02	0	0	91	29.77	0.00	45	43	95	05	0	4	49	29.77	0.00	42	39	87	02	1	8	10	248	29.80	0.00	51	44	76	22	3	8	216	29.79	0.00	51	45	80	05	0	0	659	29.81	0.00	57	43	60	34	3	8	13	221	29.78	0.00	55	45	69	19	0	11	276	29.76	0.00	55	45	69	00	0	9	846	29.80	0.00	65	44	47	34	0	12	16	279	29.76	0.00	55	43	65	20	3	9	816	29.74	0.00	60	45	59	01	4	11	624	29.76	0.00	70	45	40	01	6	12	19	9	29.79	0.09	47	44	87	20	0	7	69	29.73	0.00	56	43	62	03	2	10	95	29.75	0.00	66	45	46	29	0	0	22	0	29.80	0.00	44	42	96	20	0	0	0	29.73	0.00	52	42	67	03	4	10	0	29.79	0.00	60	47	61	18	0	0
MAY 07																						MAY 08																						MAY 09																																																																																																																																																																																			
01	0	29.78	0.00	58	50	76	17	4	8	0	29.54	0.00	54	48	81	21	9	22	0	29.80	0.00	33	27	78	06	0	0	04	0	29.76	0.00	52	47	83	19	3	9	0	29.47	0.00	53	48	83	19	2	10	0	29.84	0.00	33	27	81	29	0	0	07	67	29.78	0.00	51	47	86	15	1	11	83	29.42	0.00	53	48	84	21	9	16	60	29.91	0.00	33	27	76	30	1	10	10	538	29.75	0.00	61	50	67	19	4	10	37	29.44	0.42	46	44	94	29	8	16	772	29.91	0.00	41	26	55	32	8	15	13	969	29.67	0.00	69	49	50	17	5	11	83	29.57	0.00	39	36	92	30	1	14	285	29.96	0.00	44	25	48	28	6	15	16	647	29.60	0.00	71	49	46	17	4	12	204	29.64	0.00	43	33	68	31	9	19	209	29.99	0.00	46	24	43	28	10	21	19	79	29.57	0.00	62	50	66	17	5	10	56	29.71	0.00	43	33	67	30	0	14	116	30.01	0.00	48	25	40	29	1	16	22	0	29.55	0.00	56	49	79	20	3	13	0	29.76	0.00	39	32	74	30	0	12	0	30.06	0.00	41	24	50	28	0	0
MAY 10																						MAY 11																						MAY 12																																																																																																																																																																																			
01	0	30.11	0.00	37	26	63	28	0	0	0	30.12	0.00	46	36	67	01	0	0	0	30.12	0.00	48	31	52	01	0	0	04	0	30.14	0.00	36	29	73	28	0	0	0	30.14	0.00	41	35	80	01	0	0	0	30.11	0.00	43	32	63	01	0	0	07	51	30.17	0.00	39	29	66	21	0	0	44	30.17	0.00	42	35	74	30	0	0	76	30.13	0.00	46	34	62	33	0	0	10	668	30.20	0.00	50	32	51	26	3	12	673	30.18	0.00	58	32	38	31	1	7	626	30.08	0.00	67	37	33	22	1	7	13	865	30.16	0.00	59	36	42	31	5	16	860	30.16	0.00	62	32	32	04	1	9	837	30.01	0.00	74	40	29	20	0	13	16	636	30.11	0.00	65	37	35	34	1	8	612	30.11	0.00	66	31	27	35	2	10	540	29.95	0.00	80	42	26	19	2	8	19	95	30.08	0.00	62	34	35	00	0	0	93	30.10	0.00	66	31	27	34	1	5	62	29.90	0.00	77	43	30	21	0	5	22	0	30.11	0.00	51	33	49	27	0	0	0	30.13	0.00	52	33	47	01	0	0	0	29.87	0.00	63	42	46	21	0	0
MAY 13																						MAY 14																						MAY 15																																																																																																																																																																																			
01	0	29.83	0.00	61	40	45	17	2	6	0	29.68	0.00	56	53	89	22	4	8	0	29.51	0.08	44	42	91	28	6	16	04	0	29.80	0.00	63	39	41	18	7	20	0	29.68	0.00	51	46	83	23	0	4	0	29.49	0.08	42	40	92	22	0	2	07	120	29.76	0.00	63	39	41	19	7	19	56	29.68	0.00	50	45	84	25	0	0	40	29.51	0.00	42	39	92	25	0	5	10	828	29.69	0.00	71	47	43	22	12	22	230	29.64	0.00	62	46	55	27	0	8	149	29.53	0.00	44	38	81	28	10	16	13	90	29.68	0.05	56	53	88	19	1	11	877	29.57	0.00	67	49	52	21	3	11	302	29.53	0.00	48	33	58	30	6	19	16	42	29.66	0.00	57	55	93	21	4	11	299	29.49	0.00	67	47	50	20	6	14	132	29.56	0.00	46	37	70	23	0	12	19	33	29.65	0.00	59	58	96	19	3	12	11	29.45	0.00	65	47	51	22	6	14	12	29.63	0.18	38	36	91	26	5	21	22	0	29.67	0.00	57	56	97	22	6	9	0	29.49	0.00	53	52	95	31	0	5	0	29.71	0.00	37	31	78	30	11	19
MAY 16																						MAY 17																						MAY 18																																																																																																																																																																																			
01	0	29.74	0.00	34	29	82	27	10	19	0	30.02	0.00	38	30	73	28	0	0	0	30.12	0.00	43	39	84	30	2	6	04	0	29.73	0.00	35	28	75	28	11	21	0	30.03	0.00	37	30	77	28	0	0	0	30.12	0.00	41	38	88	34	0	0	07	21	29.78	0.00	36	27	70	30	10	16	46	30.08	0.00	41	32	71	26	0	0	47	30.15	0.00	43	40	88	33	0	0	10	127	29.81	0.00	38	29	70	30	7	20	708	30.09	0.00	52	35	52	25	7	10	301	30.17	0.00	48	40	75	29	0	0	13	160	29.85	0.00	40	29	63	27	8	19	914	30.07	0.00	59	35	40	33	2	14	278	30.13	0.00	57	43	58	33	4	9	16	93	29.88	0.00	43	31	61	27	0	10	656	30.04	0.00	61	37	40	31	1	12	724	30.09	0.00	61	42	50	02	1	7	19	54	29.93	0.00	46	30	55	32	7	12	105	30.04	0.00	57	36	46	32	0	13	105	30.07	0.00	60	40	48	32	0	7	22	0	30.00	0.00	43	31	61	29	0	0	0	30.11	0.00	44	37	75	04	0	0	0	30.08	0.00	50	40	70	05	0	0

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.11	0.14	0.16	0.18	0.22	0.28	0.37	0.46	0.52	0.56	0.59	0.60
Ended: Date	29	29	29	08	08	08	08	08	08	08	08	08
Ended: Time	1924	1926	1924	1002	1002	0953	0958	1002	1002	1024	1047	1055

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

May 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								
MAY 19										MAY 20										MAY 21									
01	0	30.06	0.00	45	40	82	05	0	0	0	30.10	0.00	48	43	85	35	0	0	0	30.09	0.00	50	43	77	30	0	0		
04	0	30.05	0.00	42	39	89	07	0	0	0	30.11	0.00	41	39	95	35	0	0	0	30.06	0.00	52	43	71	21	0	5		
07	79	30.07	0.00	44	42	92	06	0	0	86	30.17	0.00	45	44	96	32	0	0	109	30.06	0.00	56	45	67	20	2	8		
10	369	30.07	0.00	59	41	51	30	0	8	680	30.18	0.00	63	46	55	32	1	6	429	30.02	0.00	65	47	52	20	3	10		
13	881	30.03	0.00	65	40	41	31	1	12	846	30.18	0.00	70	44	40	31	3	11	817	29.97	0.00	72	42	33	22	4	11		
16	236	30.02	0.00	65	41	41	32	3	12	635	30.13	0.00	73	39	30	28	1	8	301	29.89	0.00	73	45	37	22	4	9		
19	51	30.05	0.00	57	44	62	30	1	9	105	30.10	0.00	70	37	30	30	0	0	83	29.86	0.00	68	45	43	20	4	11		
22	0	30.08	0.00	51	43	75	35	0	0	0	30.10	0.00	55	43	64	30	0	0	0	29.84	0.00	60	46	59	20	2	9		
MAY 22										MAY 23										MAY 24									
01	0	29.82	0.00	52	45	76	20	0	0	0	29.88	0.00	48	46	96	25	0	0	0	29.86	0.00	52	40	65	01	0	0		
04	0	29.79	0.00	51	46	83	11	0	1	0	29.89	0.00	45	45	97	25	0	0	0	29.85	0.00	48	41	77	01	0	0		
07	56	29.81	0.00	54	50	86	11	0	0	90	29.93	0.00	51	51	97	07	0	0	84	29.87	0.00	51	45	80	01	0	0		
10	397	29.83	0.00	61	49	65	28	5	8	647	29.93	0.00	67	56	70	29	0	0	496	29.87	0.00	70	47	44	06	0	0		
13	587	29.81	0.00	69	52	54	01	1	8	874	29.91	0.00	75	51	43	30	5	12	868	29.83	0.00	80	47	32	02	0	8		
16	446	29.77	0.00	74	52	47	32	3	12	652	29.88	0.00	79	40	25	28	0	11	642	29.81	0.00	79	49	35	26	6	10		
19	32	29.81	0.00	56	54	91	14	0	0	118	29.84	0.00	75	41	29	00	0	0	100	29.82	0.00	71	56	61	23	2	13		
22	0	29.85	0.00	50	49	95	25	0	0	0	29.86	0.00	55	40	57	01	0	0	0	29.85	0.00	61	54	78	22	3	10		
MAY 25										MAY 26										MAY 27									
01	0	29.85	0.00	58	52	82	21	4	9	0	30.00	0.00	60	52	74	04	0	5	0	29.93	0.00	65	56	73	18	0	0		
04	0	29.85	0.00	56	51	82	21	1	7	0	30.02	0.00	50	48	94	03	0	0	0	29.94	0.00	66	59	78	18	1	9		
07	93	29.89	0.00	56	52	87	22	3	11	95	30.08	0.00	55	52	91	03	0	0	120	29.93	0.00	66	60	80	21	0	3		
10	563	29.89	0.00	70	55	60	20	9	14	608	30.08	0.00	68	50	52	26	0	0	647	29.94	0.00	78	63	60	20	3	10		
13	230	29.88	0.00	76	55	48	24	0	0	847	30.04	0.00	74	52	46	14	0	7	826	29.90	0.00	84	65	52	22	1	14		
16	554	29.88	0.00	78	52	41	33	0	8	404	29.99	0.00	76	53	44	35	0	0	613	29.85	0.00	87	66	50	20	4	15		
19	65	29.92	0.00	74	55	53	34	0	2	47	29.98	0.00	70	56	61	06	0	0	93	29.84	0.00	84	66	56	22	7	12		
22	0	29.98	0.00	64	56	75	01	0	1	0	29.97	0.00	63	55	75	06	0	0	0	29.89	0.00	73	65	76	22	0	6		
MAY 28										MAY 29										MAY 30									
01	0	29.93	0.00	71	64	79	25	0	0	0	30.03	0.00	62	59	91	05	0	0	0	29.90	0.00	64	63	95	19	1	7		
04	0	29.94	0.00	69	65	89	19	1	6	0	30.01	0.00	63	60	91	18	0	1	0	29.88	0.00	65	64	96	22	2	6		
07	107	30.00	0.00	69	66	91	20	0	1	58	30.03	0.00	65	62	91	20	0	0	53	29.85	0.00	65	64	97	18	1	8		
10	239	30.01	0.00	79	68	70	30	0	1	682	30.02	0.00	80	69	70	22	1	10	496	29.83	0.00	71	68	91	22	1	8		
13	754	30.02	0.00	83	68	61	31	4	8	519	29.99	0.00	84	71	64	30	2	7	853	29.77	0.00	79	68	70	21	7	16		
16	629	30.00	0.00	86	64	48	00	1	6	97	29.96	0.00	73	67	83	21	3	8	155	29.73	0.00	82	68	63	22	8	13		
19	120	30.01	0.00	81	64	56	04	0	0	11	29.98	0.12	67	65	94	21	4	15	109	29.73	0.00	78	57	48	26	5	11		
22	0	30.02	0.00	69	61	76	05	0	0	0	29.94	0.00	66	64	96	21	5	13	0	29.79	0.00	69	57	64	19	1	9		
MAY 31																													
01	0	29.80	0.00	65	57	74	23	1	6																				
04	0	29.81	0.00	63	53	69	27	3	12																				
07	42	29.83	0.00	61	53	75	26	1	7																				
10	701	29.84	0.00	70	54	58	25	8	15																				
13	902	29.82	0.00	75	54	47	30	4	13																				
16	661	29.81	0.00	78	56	47	32	2	12																				
19	76	29.87	0.00	71	55	59	03	0	12																				
22	0	29.96	0.00	60	53	77	02	0	4																				

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	29.904	50	43	79	1.4	24	1.1
04	0	29.896	48	42	82	1.0	23	0.7
07	69	29.916	49	44	82	1.1	24	0.8
10	456	29.916	59	46	63	3.2	26	2.4
13	620	29.896	63	46	56	2.4	28	1.6
16	421	29.868	65	46	52	2.8	26	1.4
19	69	29.869	62	46	60	1.9	24	1.1
22	0	29.896	54	45	74	1.1	25	0.6

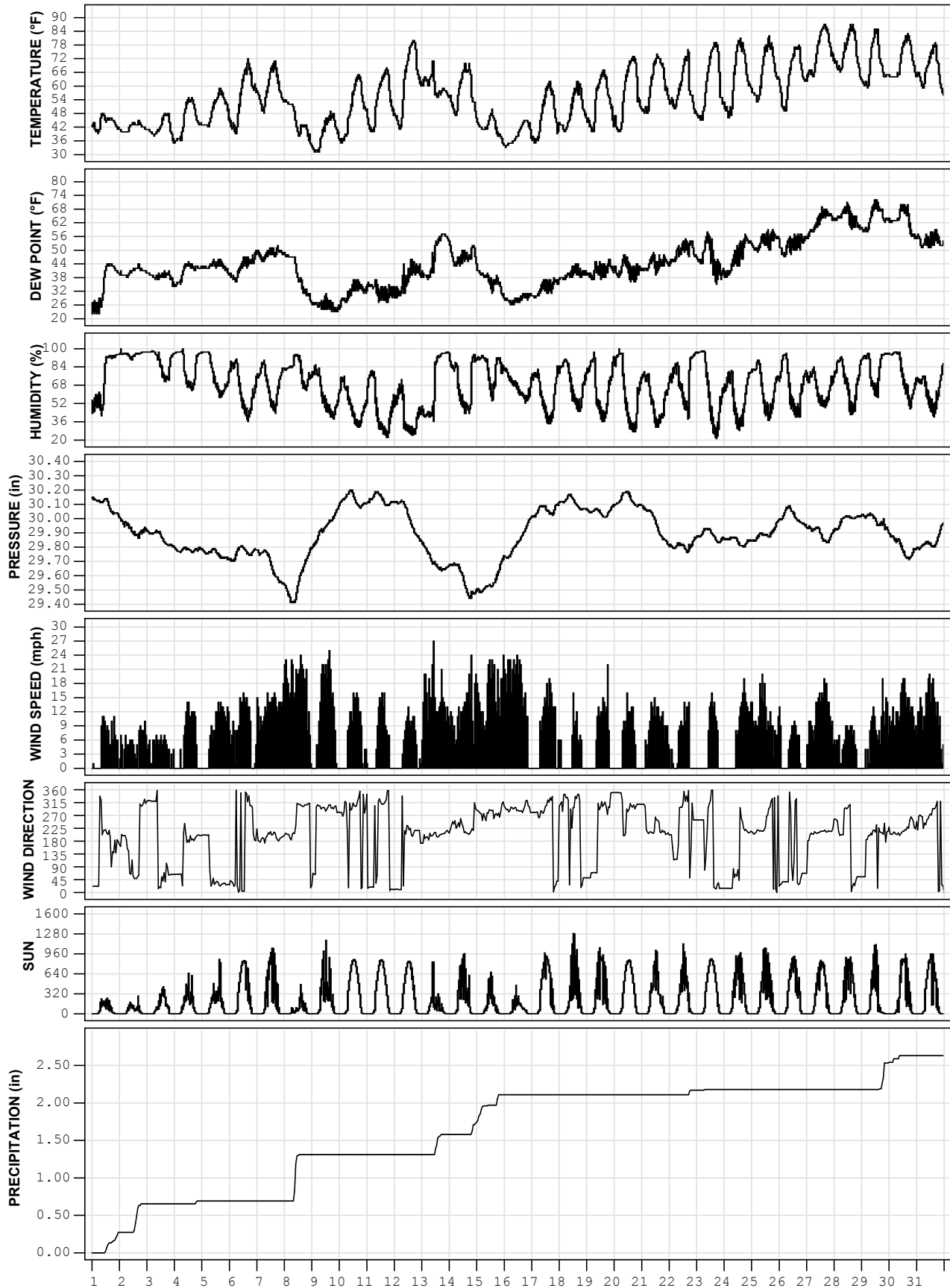
HOURLY PRECIPITATION (Water Equivalent) May 2016: Westford

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												0.02	0.05	0.04	0.02			0.02	0.01	0.01	0.03	0.03	0.04		01
02													0.03	0.09	0.10	0.11	0.03			0.02					02
03																			0.02	0.02					03
04																									04
05																									05
06																									06
07																									07
08									0.14	0.36	0.10	0.01	0.01												08
09																									09
10																									10
11																									11
12													0.08	0.04	0.10	0.02	0.01	0.02							12
13																									13
14																				0.04	0.09		0.02	0.01	14
15	0.03	0.06	0.02	0.07	0.03	0.01				0.01								0.08	0.06						15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																		0.05	0.01						22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30				0.05							0.04					0.01		0.08	0.06	0.20				0.01	30
31																									31
Sum	0.03	0.06	0.02	0.12	0.03	0.01	0.01	0.00	0.18	0.37	0.10	0.11	0.13	0.23	0.14	0.13	0.05	0.23	0.18	0.27	0.12	0.03	0.06	0.02	Sum

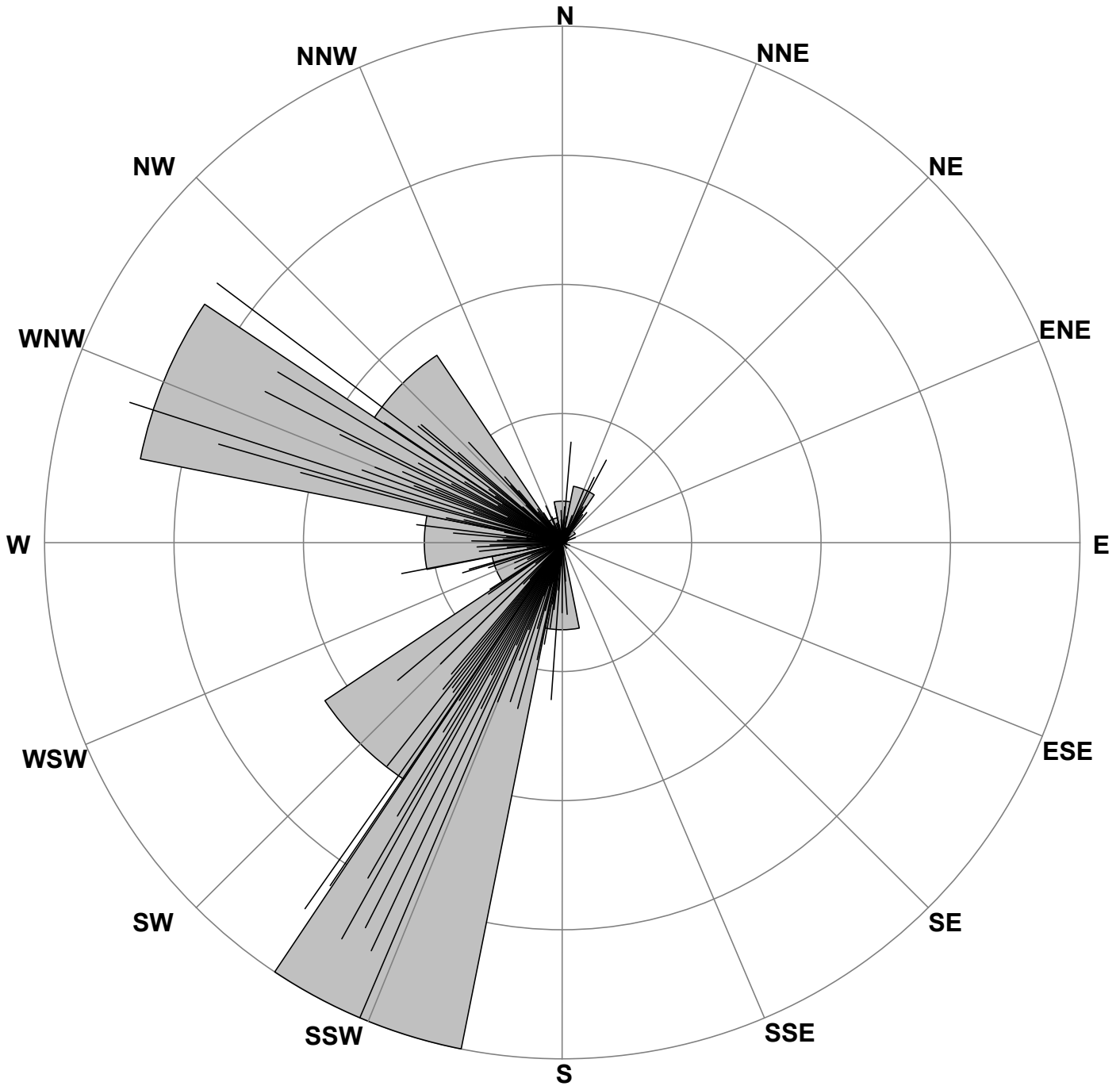
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA

May 2016: Westford



**Wind Rose: May 2016
Westford**



**Maximum direction of wind: 40.5 miles from 203°
Maximum sector of wind: 358.0 miles from SSW
1316.9 total miles of wind**