

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

August 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	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	65.8	57.5	61.7	62.5	61	96	3	0	.....	0	0.40	0.0	30.08	30.03	30.053	0.0	0.0	41	9	NNE	2	30	62
2	81.4	54.8	68.1	66.6	61	85	0	3	.....	0	0.00	0.0	30.13	30.06	30.086	0.1	0.0	295	9	W	4	292	227
3	83.6	54.2	68.9	69.0	60	76	0	4	.....	0	0.01	0.0	30.13	30.02	30.079	0.2	0.2	227	10	W	4	207	265
4	85.8	61.8	73.8	73.1	62	68	0	9	.....	0	T	0.0	30.06	29.92	30.003	1.2	1.2	216	16	S	8	214	259
5	87.0	64.3	75.7	75.5	65	70	0	11	.....	0	0.00	0.0	29.92	29.61	29.793	2.8	2.8	213	22	SSW	10	214	261
6	82.1	58.9	70.5	71.3	65	81	0	6	..3.....	0	1.13	0.0	29.72	29.59	29.628	1.6	1.3	270	18	NW	10	287	251	
7	77.1	56.3	66.7	64.5	59	84	0	2	.....	0	0.04	0.0	29.91	29.71	29.791	0.7	0.7	295	16	WSW	9	290	204
8	80.5	51.7	66.1	65.1	57	78	0	2	.....	0	0.00	0.0	30.05	29.90	29.981	0.7	0.6	282	15	W	8	299	242
9	84.0	49.1	66.5	66.7	56	72	0	2	.....	0	0.00	0.0	30.18	30.05	30.110	0.0	0.0	191	9	S	2	221	253
10	85.7	61.3	73.5	74.0	66	78	0	9	.....	0	0.00	0.0	30.08	29.95	30.007	1.4	1.3	216	19	SSW	10	206	233
11	91.6*	68.6	80.1*	77.5	70	81	0	16	.....	0	0.00	0.0	29.98	29.82	29.921	0.3	0.2	242	12	SSW	4	280	245
12	82.2	65.2	73.7	73.0	71	93	0	9	.2.....	0	0.86	0.0	29.82	29.69	29.742	0.4	0.3	232	14	SSW	6	217	109	
13	73.1	64.6	68.8	68.0	67	98	0	4	.3.....	0	0.26	0.0	29.84	29.70	29.788	0.3	0.3	217	16	SSW	8	218	47	
14	84.4	64.5	74.5	74.5	70	87	0	10	.....	0	0.00	0.0	29.96	29.68	29.796	1.8	1.6	243	23	SW	9	211	173
15	80.1	59.0	69.5	68.1	62	82	0	5	.....	0	0.00	0.0	30.17	29.96	30.085	0.6	0.6	302	12	NW	8	288	226
16	73.8	56.9	65.4	65.2	63	94	0	1	.....	0	0.68	0.0	30.17	29.71	30.021	0.5	0.5	207	19	SSW	8	206	80
17	76.6	59.4	68.0	66.6	64	91	0	3	.....	0	0.28	0.0	29.98	29.68	29.885	1.5	1.3	290	21	W	9	277	116
18	81.9	59.3	70.6	68.7	64	86	0	6	.....	0	0.00	0.0	29.96	29.86	29.906	0.4	0.3	242	12	SW	6	275	181
19	80.3	55.1	67.7	65.3	61	87	0	3	.....	0	0.00	0.0	29.94	29.88	29.905	0.0	0.0	302	6	NW	1	310	76
20	84.0	51.6	67.8	67.8	60	79	0	3	.....	0	0.00	0.0	29.92	29.79	29.852	0.6	0.6	216	15	S	7	210	239
21	80.8	63.2	72.0	71.5	66	83	0	7	.....	0	0.55	0.0	29.81	29.65	29.726	1.9	1.9	210	26	S	11	210	127
22	66.9	51.8	59.4*	58.9	54	84	5	0	.....	0	0.00	0.0	30.11	29.71	29.924	1.2	1.2	300	18	WNW	9	292	109
23	78.0	47.8*	62.9	63.1	55	78	2	0	.....	0	0.01	0.0	30.21	30.11	30.159	1.0	0.9	229	15	W	8	217	238
24	83.4	59.0	71.2	70.4	61	74	0	6	.....	0	0.00	0.0	30.18	30.00	30.101	0.6	0.6	212	14	SSW	6	212	225
25	79.7	65.9	72.8	71.2	66	82	0	8	.....	0	T	0.0	30.00	29.83	29.887	2.0	2.0	214	21	SW	9	243	118
26	83.1	61.6	72.3	72.2	66	82	0	8	.....	0	0.04	0.0	30.02	29.82	29.908	1.3	1.0	273	16	W	9	284	212
27	81.5	59.4	70.5	69.5	62	79	0	6	.....	0	0.00	0.0	30.18	30.02	30.125	0.2	0.1	303	9	W	6	289	214
28	83.5	57.4	70.5	69.2	65	86	0	6	..3.....	0	0.26	0.0	30.17	29.96	30.073	1.5	1.4	208	23	SSE	10	220	134	
29	73.2	54.2	63.7	66.1	61	84	1	0	.....	0	0.00	0.0	30.14	29.97	30.067	1.9	1.8	299	21	NW	9	297	163
30	75.6	52.3	63.9	63.8	58	83	1	0	.....	0	0.00	0.0	30.13	29.92	30.051	0.2	0.2	253	12	W	6	290	181
31	76.8	61.3	69.1	66.6	64	90	0	4	..3.....	0	0.62	0.0	29.92	29.75	29.833	1.1	1.1	219	15	S	8	218	113	
Sum	Sum				---	--	Ttl	Ttl			Total	Total	For the month:						---					
2484	1808						12	153	Number of Days		5.14	0.0	30.21	29.59	29.945	0.9	0.7	242	26	S	11	210		
Avg	Avg	Avg	Mean	Avg	Avg	Avg	--	--	Precip		Season Ttl	Date	Date		--	--	---	Date	Date	Avg				
80.1	58.3	69.2	68.6	63	82.9	--	--	--	≥.01 inch	13	26.00	0.0	23	6	--	--	---	21	21	180				
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			32	395	Thunder	4	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	--	--	--	--	Heavy Fog	1	1.13	6	0.0	-	0			-							
1	0	0	0	--	--	--	--	Clear	10	Partly Cloudy			14	Cloudy			7							

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

August 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								
AUG 01										AUG 02										AUG 03									
01	0	30.05	0.00	60	58	94	10	0	0	0	0	30.07	0.00	56	55	97	04	0	0	0	30.10	0.00	60	59	96	04	0	0	
04	0	30.03	0.05	61	59	94	10	0	0	0	0	30.06	0.00	55	55	98	04	0	0	0	30.10	0.00	56	55	97	04	0	0	
07	14	30.05	0.05	61	61	97	10	0	0	47	30.09	0.00	57	56	98	06	0	0	54	30.12	0.00	57	56	98	04	0	0		
10	244	30.06	0.00	65	64	97	33	0	0	619	30.11	0.00	73	66	98	05	0	0	628	30.12	0.00	75	65	98	17	0	5		
13	127	30.07	0.00	65	64	96	01	0	1	912	30.11	0.00	75	63	65	25	0	1	882	30.09	0.00	80	64	58	29	0	8		
16	90	30.06	0.00	62	61	95	05	0	4	770	30.08	0.00	81	69	66	29	1	6	227	30.05	0.00	80	65	61	19	0	1		
19	46	30.05	0.00	65	63	95	04	0	0	60	30.07	0.00	76	65	70	04	0	0	76	30.02	0.00	78	62	58	20	0	2		
22	0	30.06	0.00	61	60	97	04	0	0	0	30.09	0.00	60	59	94	04	0	0	0	30.05	0.00	66	56	72	20	0	0		
AUG 04										AUG 05										AUG 06									
01	0	30.05	0.00	62	56	82	20	0	0	0	29.92	0.00	69	60	73	22	1	8	0	29.63	0.09	69	66	93	21	2	7		
04	0	30.04	0.00	65	58	78	20	0	0	0	29.91	0.00	66	59	79	21	2	7	0	29.60	0.00	67	66	96	20	1	8		
07	56	30.05	0.00	65	59	80	21	0	9	33	29.90	0.00	66	61	82	21	6	11	77	29.60	0.00	67	67	97	20	1	7		
10	592	30.05	0.00	75	63	67	20	2	9	570	29.87	0.00	77	67	71	21	6	18	176	29.61	0.00	75	69	81	23	0	13		
13	803	30.02	0.00	82	66	60	24	2	9	789	29.79	0.00	84	69	61	23	7	15	167	29.60	0.00	76	68	75	29	0	10		
16	573	29.97	0.00	85	66	52	20	0	7	659	29.71	0.00	86	65	49	22	6	20	603	29.61	0.00	81	64	57	31	2	10		
19	60	29.94	0.00	79	62	57	22	1	16	49	29.65	0.00	80	67	64	20	4	10	26	29.64	0.00	73	62	68	29	0	7		
22	0	29.93	0.00	71	61	71	20	0	6	0	29.64	0.00	75	66	75	21	3	12	0	29.69	0.00	60	57	88	31	0	0		
AUG 07										AUG 08										AUG 09									
01	0	29.71	0.00	58	56	94	31	0	0	0	29.92	0.00	57	54	89	36	0	0	0	30.07	0.00	54	52	93	05	0	0		
04	0	29.72	0.00	56	55	96	31	0	0	0	29.96	0.00	52	51	96	00	0	0	0	30.11	0.00	50	49	95	05	0	0		
07	54	29.76	0.00	59	58	95	29	0	4	26	29.99	0.00	54	53	97	00	0	0	46	30.16	0.00	51	50	97	05	0	0		
10	761	29.79	0.00	70	62	77	27	0	7	596	30.01	0.00	71	61	71	30	0	10	601	30.17	0.00	73	61	66	15	0	1		
13	473	29.80	0.00	74	62	65	29	2	8	204	29.99	0.00	76	61	59	23	1	6	835	30.14	0.00	79	62	55	28	0	5		
16	178	29.81	0.00	69	61	77	34	0	13	350	29.97	0.00	76	59	55	29	1	9	299	30.09	0.00	82	64	55	09	0	1		
19	37	29.83	0.00	68	64	87	29	0	0	37	29.97	0.00	75	63	67	29	0	0	35	30.06	0.00	78	60	54	24	0	7		
22	0	29.89	0.00	58	57	95	29	0	0	0	30.02	0.00	61	55	83	02	0	1	0	30.07	0.00	63	55	74	20	0	0		
AUG 10										AUG 11										AUG 12									
01	0	30.06	0.00	62	56	80	20	0	1	0	29.97	0.00	70	68	95	20	0	0	0	29.80	0.00	73	70	89	21	0	3		
04	0	30.05	0.00	67	59	77	19	0	12	0	29.96	0.00	69	68	96	21	0	6	0	29.75	0.00	73	70	92	20	1	6		
07	60	30.04	0.00	70	63	80	21	1	15	37	29.98	0.00	69	68	97	17	0	6	40	29.73	0.00	74	72	93	19	0	7		
10	279	30.01	0.00	74	68	81	21	4	13	538	29.97	0.00	82	72	74	19	0	0	679	29.71	0.00	76	75	96	23	0	10		
13	835	30.00	0.00	80	73	77	20	1	9	733	29.93	0.00	88	70	56	27	2	8	935	29.72	0.00	80	76	88	27	0	7		
16	559	29.96	0.00	86	72	65	20	0	6	536	29.90	0.00	89	72	57	31	0	1	62	29.69	0.00	73	71	94	02	0	8		
19	56	29.96	0.00	81	71	73	21	0	1	44	29.85	0.00	83	74	73	36	0	0	40	29.72	0.00	69	68	97	04	0	4		
22	0	29.99	0.00	72	69	90	21	0	5	0	29.86	0.00	71	69	92	36	0	0	0	29.80	0.00	66	65	97	30	0	4		
AUG 13										AUG 14										AUG 15									
01	0	29.81	0.00	65	64	98	29	0	1	0	29.71	0.00	71	70	97	21	2	9	0	29.98	0.00	65	62	89	31	0	0		
04	0	29.80	0.00	65	64	98	29	0	0	0	29.69	0.00	70	70	97	22	1	15	0	30.00	0.00	64	62	92	31	0	0		
07	25	29.82	0.00	65	64	98	29	0	0	25	29.74	0.00	71	70	96	22	3	12	90	30.07	0.00	64	60	93	31	0	5		
10	72	29.84	0.00	67	66	98	23	0	2	691	29.77	0.00	79	75	87	20	3	10	635	30.11	0.00	70	64	81	30	3	8		
13	84	29.81	0.00	69	68	98	21	0	1	654	29.79	0.00	82	72	74	25	6	10	861	30.12	0.00	76	64	66	29	2	9		
16	144	29.77	0.00	70	69	98	01	0	0	294	29.81	0.00	83	73	73	27	0	8	366	30.12	0.00	80	62	55	30	0	1		
19	9	29.75	0.00	71	70	98	01	0	0	47	29.87	0.00	75	70	85	29	0	8	46	30.11	0.00	68	63	83	29	0	0		
22	0	29.72	0.00	72	72	98	20	0	8	0	29.94	0.00	68	64	87	03	0	4	0	30.14	0.00	60	58	93	29	0	0		
AUG 16										AUG 17										AUG 18									
01	0	30.17	0.00	58	57	96	29	0	0	0	29.70	0.00	71	71	97	19	0	10	0	29.95	0.00	60	59	97	30	0	0		
04	0	30.15	0.00	57	56	97	29	0	0	0	29.71	0.00	68	66	95	28	3	10	0	29.93	0.00	63	61	94	20	0	6		
07	62	30.16	0.00	59	58	98	29	0	0	26	29.86	0.06	60	60	98	30	5	16	35	29.92	0.00	64	62	92	22	1	6		
10	302	30.13	0.00	69	66	93	29	0	0	105	29.95	0.00	61	61	98	30	0	12	213	29.92	0.00	68	64	87	20	2	10		
13	162	30.07	0.00	72	65	79	22	2	10	420	29.97	0.00	71	67	88	03	0	6	780	29.89	0.00	78	68	71	30	3	9		
16	46	29.99	0.00	68	65	93	14	2	6	533	29.95	0.00	75	67	76	31	0	7	605	29.87	0.00	81	69	67	28	1	9		
19	7	29.85	0.00	67	66	95	21	0	7	46	29.93	0.00	68	65	89	30	0	0	46	29.88	0.00	74	67	78	31	0	1		
22	0	29.75	0.00	70	69	97	21	3	8	0	29.95	0.00	60	59	96	30	0	0	0	29.90	0.00	62	61	95	31	0	0		

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.31	0.50	0.64	0.76	0.84	0.89	0.92	0.96	0.97	0.98	1.04	1.13
Ended: Date	06	06	06	06	06	06	06	06	06	06	06	06
Ended: Time	0242	0243	0243	0245	0249	0248	0256	0253	0253	0249	0245	0256

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

August 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						
AUG 19									AUG 20									AUG 21									
01	0	29.90	0.00	63	62	97	31	0	0	0	29.90	0.00	54	53	97	30	0	0	0	29.80	0.00	71	64	80	19	2	11
04	0	29.92	0.00	63	62	97	31	0	0	0	29.90	0.00	52	51	97	30	0	0	0	29.77	0.00	71	65	82	22	1	22
07	0	29.94	0.00	63	62	97	31	0	0	28	29.90	0.00	54	53	98	30	0	0	79	29.76	0.00	69	64	83	21	2	9
10										547	29.89	0.00	73	63	70	19	1	12	207	29.74	0.00	74	66	75	20	8	23
13										752	29.83	0.00	82	65	58	20	1	12	306	29.70	0.00	77	67	70	20	1	13
16	552	29.89	0.00	80	59	50	02	0	0	527	29.81	0.00	83	66	57	22	1	14	76	29.66	0.00	75	68	80	17	0	6
19	30	29.88	0.00	73	64	75	30	0	0	30	29.79	0.00	77	64	63	21	1	9	7	29.68	0.25	69	68	96	20	0	10
22	0	29.90	0.00	57	55	95	30	0	0	0	29.80	0.00	65	63	91	20	0	0	0	29.71	0.00	64	63	95	24	0	5
AUG 22									AUG 23									AUG 24									
01	0	29.72	0.00	62	61	95	24	0	0	0	30.12	0.00	52	51	94	25	0	0	0	30.17	0.00	60	56	85	20	0	1
04	0	29.77	0.00	60	57	89	30	0	10	0	30.15	0.00	49	48	96	25	0	0	0	30.15	0.00	60	56	87	21	0	5
07	21	29.84	0.00	54	51	88	29	3	14	19	30.20	0.00	50	49	97	20	0	0	32	30.17	0.00	59	56	90	20	2	7
10	144	29.93	0.00	55	51	84	30	0	10	545	30.20	0.00	66	57	74	19	1	10	522	30.16	0.00	73	63	70	21	1	10
13	411	29.97	0.00	61	54	78	30	2	10	751	30.18	0.00	73	60	63	21	4	14	722	30.12	0.00	79	67	66	22	1	9
16	301	29.99	0.00	66	54	67	28	3	10	520	30.14	0.00	78	59	52	26	1	10	524	30.05	0.00	83	67	59	22	1	9
19	32	30.02	0.00	62	52	70	29	0	4	28	30.11	0.00	72	60	68	21	0	0	18	30.02	0.00	76	64	67	19	1	8
22	0	30.08	0.00	52	50	94	28	0	0	0	30.15	0.00	63	57	81	21	2	8	0	30.01	0.00	70	62	75	20	0	10
AUG 25									AUG 26									AUG 27									
01	0	29.97	0.00	70	61	73	17	0	10	0	29.84	0.00	69	67	96	20	0	7	0	30.03	0.00	66	61	84	26	0	0
04	0	29.93	0.00	67	62	82	20	0	6	0	29.83	0.00	69	68	96	21	1	8	0	30.06	0.00	62	60	93	26	0	0
07	37	29.91	0.00	68	62	81	20	1	10	18	29.86	0.00	69	69	97	21	1	9	23	30.12	0.00	61	60	97	26	0	0
10	123	29.89	0.00	70	65	83	21	4	19	550	29.90	0.00	75	71	88	23	0	7	513	30.16	0.00	75	66	74	31	0	0
13	149	29.86	0.00	73	67	81	23	2	13	881	29.91	0.00	80	67	65	26	3	13	209	30.15	0.00	77	67	70	00	0	0
16	455	29.83	0.00	78	71	79	20	4	14	515	29.94	0.00	82	63	54	29	3	11	503	30.13	0.00	80	64	59	07	0	5
19	32	29.85	0.00	73	69	86	19	0	11	26	29.96	0.00	73	62	68	33	0	0	33	30.14	0.00	70	62	75	35	0	0
22	0	29.86	0.00	69	67	94	21	0	6	0	30.00	0.00	62	59	89	31	0	0	0	30.18	0.00	64	60	87	35	0	0
AUG 28									AUG 29									AUG 30									
01	0	30.16	0.00	60	58	93	04	0	0	0	29.97	0.00	71	68	90	22	2	7	0	30.12	0.00	54	53	97	24	0	0
04	0	30.14	0.00	58	58	97	04	0	0	0	29.99	0.00	69	66	89	31	0	6	0	30.11	0.00	53	52	97	24	0	0
07	14	30.15	0.00	63	60	93	22	0	1	25	30.03	0.00	64	62	93	28	3	9	19	30.12	0.00	54	53	98	24	0	0
10	422	30.13	0.00	72	65	79	22	1	10	283	30.06	0.00	66	61	83	29	4	18	554	30.11	0.00	70	61	74	20	0	1
13	642	30.07	0.00	80	68	67	19	6	15	842	30.09	0.00	72	63	75	30	4	12	717	30.06	0.00	75	59	58	30	4	9
16	297	30.00	0.00	82	70	69	20	2	18	283	30.10	0.00	71	60	68	29	5	14	364	29.99	0.00	74	62	66	21	0	6
19	11	29.99	0.00	70	69	95	13	0	0	21	30.12	0.00	66	60	80	32	0	0	19	29.97	0.00	68	64	86	21	0	0
22	0	29.98	0.00	68	67	97	08	0	0	0	30.13	0.00	55	54	96	32	0	0	0	29.95	0.00	64	61	89	21	0	1
AUG 31																											
01	0	29.91	0.00	65	60	86	21	1	7																		
04	0	29.89	0.00	63	61	96	20	0	0																		
07	0	29.90	0.19	62	61	97	19	0	0																		
10	69	29.87	0.00	64	62	96	21	1	11																		
13	290	29.82	0.00	70	65	83	22	4	11																		
16	436	29.77	0.00	77	68	74	19	2	12																		
19	11	29.75	0.00	70	66	87	20	0	8																		
22	0	29.77	0.00	66	64	95	23	0	6																		

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

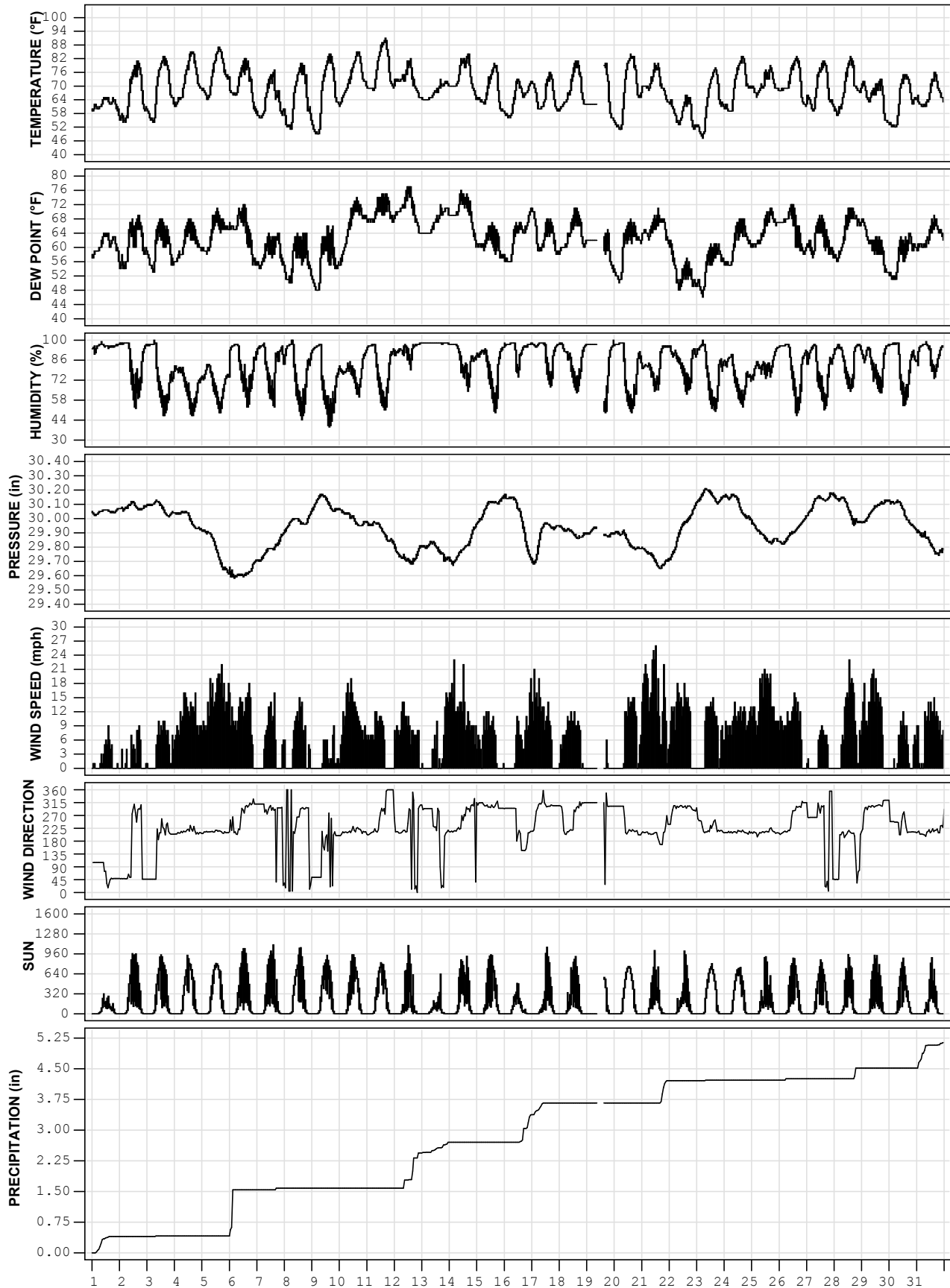
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01	0	29.944	63	60	91	0.3	21	0.3
04	0	29.941	62	60	92	0.4	23	0.3
07	36	29.966	62	60	93	0.9	24	0.7
10	426	29.974	71	65	81	1.4	22	1.2
13	578	29.956	76	66	71	2.0	25	1.6
16	395	29.926	78	65	67	1.2	25	0.8
19	34	29.917	72	65	78	0.2	21	0.2
22	0	29.936	64	61	89	0.3	21	0.3

HOURLY PRECIPITATION (Water Equivalent) August 2016: Westford

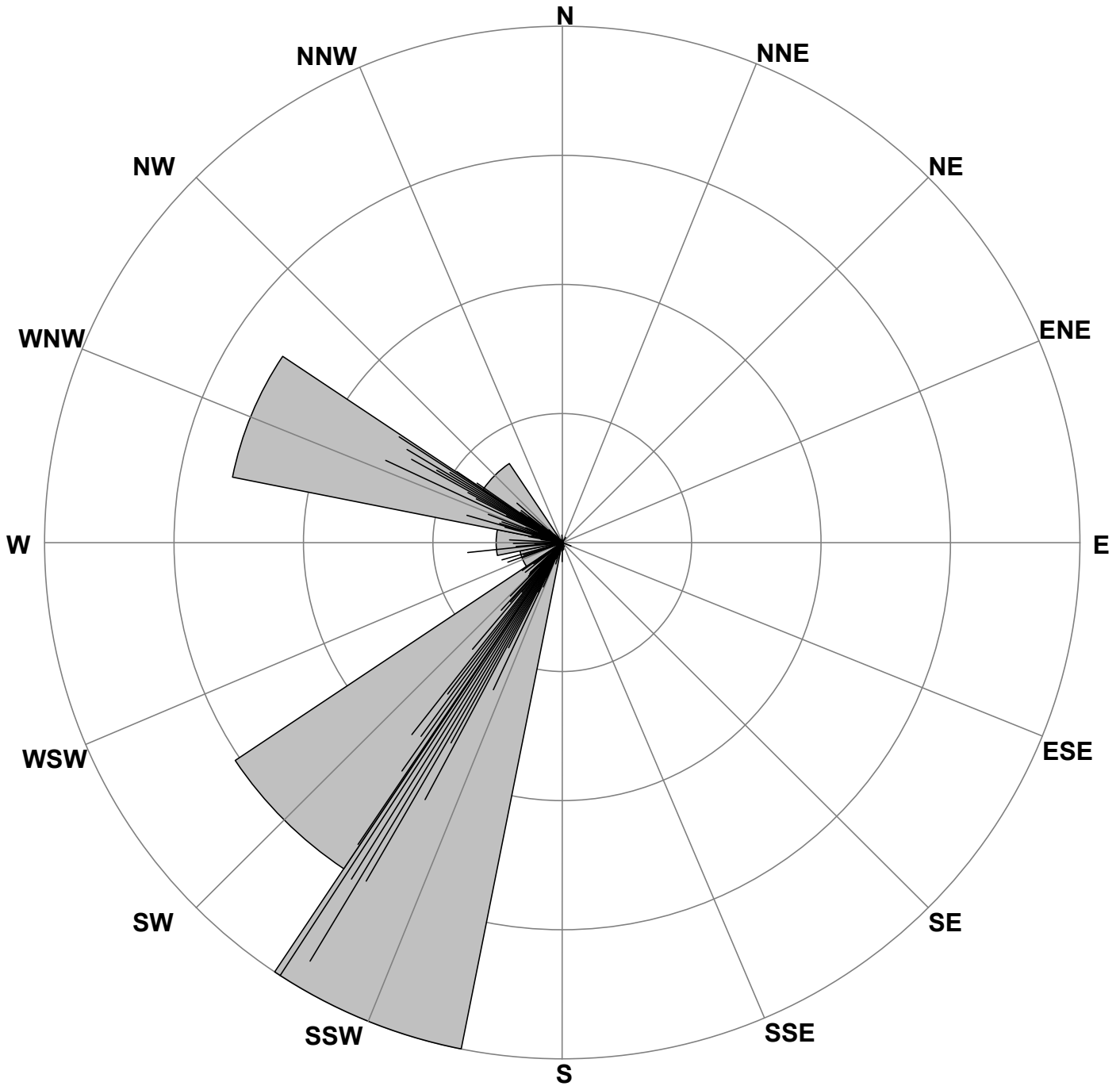
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01				0.02	0.04	0.02	0.07	0.08	0.09	0.02		0.02	0.01	0.01	0.02									01	
02																								02	
03								0.01																03	
04																								04	
05																								05	
06	0.15	0.06	0.92																					06	
07																	0.04							07	
08																								08	
09																								09	
10																								10	
11																								11	
12									0.20				0.01			0.21	0.32			0.12				12	
13	0.01			0.01					0.04		0.01	0.02	0.02	0.01	0.01			0.01	0.06	0.01	0.01	0.04		13	
14																								14	
15																								15	
16														0.02	0.01	0.03	0.28			0.02	0.12	0.14	0.05	0.01	16
17			0.06	0.03	0.01	0.02	0.04	0.04	0.06	0.02														17	
18																								18	
19																								19	
20																								20	
21																	0.04	0.18	0.16	0.10	0.04	0.03		21	
22																								22	
23								0.01																23	
24																								24	
25																								25	
26						0.04																		26	
27																								27	
28																	0.06	0.20						28	
29																								29	
30																								30	
31		0.13	0.04	0.05	0.14		0.07	0.12		0.01								0.01		0.03		0.02		31	
Sum	0.16	0.19	1.02	0.11	0.19	0.08	0.18	0.26	0.39	0.05	0.01	0.04	0.04	0.04	0.04	0.24	0.68	0.25	0.43	0.12	0.32	0.18	0.11	0.01	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 August 2016: Westford



**Wind Rose: August 2016
Westford**



**Maximum direction of wind: 43.1 miles from 213°
Maximum sector of wind: 236.1 miles from SSW
669.7 total miles of wind**