

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

August 2012

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	Res	Res	Peak			Minute	
																				Speed	Speed		Dir	Speed	Dir	Speed	Dir
1	2	3	4A	4B	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	82.6	62.0	72.3	70.7	62	75	0	8	.....	0	0.02	0.0	29.82	29.74	29.783	1.3	1.2	215	10	ESE	6	212	189
2	86.4	62.2	74.3	73.1	64	76	0	9	.....	0	0.00	0.0	29.83	29.76	29.792	1.0	1.0	230	10	SSW	6	221	243
3	87.4	61.4	74.4	73.8	64	72	0	9	.....	0	0.00	0.0	30.06	29.80	29.908	1.2	0.9	253	14	WNW	7	295	225
4	91.3	59.0	75.2	75.2	64	71	0	10	.....	0	0.00	0.0	30.14	30.04	30.086	0.7	0.6	215	17	SSW	7	200	264
5	83.9	68.8	76.4*	76.3	68	77	0	12	..3.....	0	0.18	0.0	30.07	29.72	29.886	4.2	4.2	210	30	S	14	209	183	
6	75.5	53.6	64.5	66.4	57	72	0	0	.....	0	0.00	0.0	29.96	29.83	29.922	1.1	1.0	294	14	W	7	293	212
7	83.0	52.0	67.5	67.3	56	71	0	3	.....	0	0.01	0.0	29.97	29.86	29.919	0.6	0.6	220	13	SW	8	224	274
8	84.7	56.3	70.5	69.6	60	72	0	6	.....	0	0.00	0.0	29.95	29.87	29.907	0.4	0.4	216	13	SE	7	229	201
9	81.0	60.0	70.5	68.9	65	87	0	6	..3.....	0	0.27	0.0	29.91	29.82	29.870	0.3	0.2	216	11	WSW	7	227	118	
10	75.0	64.1	69.5	68.5	67	94	0	5	..3.....	0	0.65	0.0	29.84	29.76	29.803	0.5	0.3	215	12	WSW	7	228	86	
11	83.5	62.2	72.9	70.3	66	88	0	8	..3.....	0	0.84	0.0	29.84	29.77	29.794	0.6	0.5	207	19	SSW	8	216	184	
12	82.2	61.8	72.0	70.5	64	82	0	7	.....	0	0.00	0.0	29.86	29.79	29.825	1.2	1.1	226	18	S	8	234	218
13	78.8	60.3	69.6	68.3	62	81	0	5	.....	0	T	0.0	29.91	29.84	29.872	0.7	0.6	252	14	WSW	7	273	181
14	78.4	59.0	68.7	67.9	62	83	0	4	.....	0	0.00	0.0	29.91	29.83	29.869	0.7	0.7	230	14	W	6	219	158
15	79.4	61.6	70.5	68.8	63	82	0	6	.....	0	0.00	0.0	29.86	29.78	29.825	0.6	0.5	282	10	WSW	6	300	171
16	80.1	58.5	69.3	67.3	61	82	0	5	.....	0	0.00	0.0	29.87	29.78	29.826	0.4	0.3	325	11	WNW	6	297	212
17	77.5	57.4	67.5	65.7	60	82	0	3	.....	0	0.04	0.0	29.80	29.66	29.732	1.4	1.3	222	17	S	8	211	105
18	73.1	47.7	60.4	61.3	52	75	4	0	.....	0	0.01	0.0	29.91	29.77	29.849	1.0	1.0	294	14	WNW	8	293	244
19	74.7	44.2*	59.4*	59.2	50	74	5	0	.....	0	0.00	0.0	29.96	29.85	29.907	0.1	0.1	235	8	WNW	4	214	212
20	78.6	48.8	63.7	62.1	54	77	1	0	.....	0	0.01	0.0	29.88	29.79	29.844	0.8	0.7	225	13	WNW	8	314	185
21	76.6	52.5	64.5	63.6	54	74	0	0	.....	0	0.01	0.0	30.03	29.86	29.952	1.0	1.0	291	13	SE	7	302	238
22	80.5	49.3	64.9	64.2	53	70	0	0	.....	0	0.00	0.0	30.10	30.01	30.052	1.3	1.3	231	15	WNW	7	225	245
23	83.4	57.0	70.2	68.0	57	71	0	5	.....	0	0.01	0.0	30.08	30.02	30.048	1.5	1.5	238	15	W	8	216	219
24	84.5	56.5	70.5	68.7	60	77	0	6	.....	0	0.02	0.0	30.16	30.08	30.125	0.1	0.0	306	12	NNE	6	307	210
25	87.3	55.2	71.3	71.3	60	71	0	6	.....	0	0.00	0.0	30.23	30.16	30.186	0.5	0.4	217	12	WSW	6	223	238
26	85.9	63.3	74.6	73.1	60	66	0	10	.....	0	0.00	0.0	30.26	30.11	30.189	1.4	1.4	219	13	SW	7	221	234
27	81.4	64.5	73.0	70.9	62	73	0	8	.....	0	0.01	0.0	30.11	29.81	29.974	3.1	3.1	214	18	S	10	212	155
28	77.1	54.8	65.9	67.5	60	79	0	1	.....	0	0.03	0.0	29.91	29.75	29.793	1.2	0.9	295	21	NW	9	300	158
29	74.8	47.5	61.2	60.7	47	63	3	0	.....	0	0.00	0.0	29.97	29.88	29.925	1.2	1.1	301	15	W	8	305	243
30	81.1	51.4	66.3	65.9	52	63	0	1	.....	0	0.00	0.0	29.96	29.83	29.901	2.5	2.5	220	21	SW	10	214	218
31	76.6	61.0	68.8	66.9	58	74	0	4	..3.....	0	0.09	0.0	29.88	29.72	29.805	2.3	2.3	216	16	S	8	218	77	
Sum	Sum	-----	-----	---	----		Ttl	Ttl	Number of Days		For the month:											---		
2506	1774						13	147			2.20	0.0	30.26	29.66	29.909	1.1	0.9	233	30	S	14	209		
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg				
80.8	57.2	69.0	68.1	59	75.9	----	----	≥.01 inch	15	25.62	0.0	26	17	-----	----	----	---	5	5	196				
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			26	429	Thunder	5	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.84	9-10	0.0	-	0					-					
1	0	0	0	----	----			Clear	7	Partly Cloudy		18	Cloudy	6										

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 2012: Westford

Hour	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	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	29.80	0.00	67	57	72	22	0	7	0	29.78	0.00	63	60	91	21	0	3	0	29.81	0.00	66	61	85	27	0	1
04	0	29.79	0.00	62	56	81	20	1	5	0	29.77	0.00	63	60	91	21	0	0	0	29.82	0.00	65	60	84	22	0	3
07	44	29.81	0.00	66	59	79	19	2	4	60	29.81	0.00	66	64	95	21	1	5	40	29.86	0.00	68	62	79	21	1	4
10	622	29.81	0.00	71	65	84	22	4	7	529	29.82	0.00	77	67	73	24	0	7	577	29.90	0.00	79	67	68	20	0	7
13	949	29.78	0.00	80	66	62	20	3	8	884	29.80	0.00	82	67	59	24	3	8	858	29.91	0.00	84	68	60	28	2	9
16	461	29.75	0.00	81	66	60	20	2	4	267	29.77	0.00	86	64	48	24	1	7	601	29.93	0.00	87	67	62	31	1	7
19	65	29.76	0.00	73	66	79	27	0	0	111	29.76	0.00	83	67	60	19	0	4	128	29.97	0.00	81	66	60	31	0	2
22	0	29.78	0.00	67	63	87	21	3	7	0	29.81	0.00	69	63	79	19	0	1	0	30.02	0.00	65	60	83	00	0	0
AUG 04									AUG 05									AUG 06									
01	0	30.07	0.00	61	58	91	00	0	0	0	30.06	0.00	73	64	73	19	5	11	0	29.85	0.00	67	64	88	19	0	1
04	0	30.09	0.00	60	59	95	36	0	0	0	29.99	0.00	74	65	75	21	2	9	0	29.87	0.00	63	57	80	23	1	7
07	49	30.12	0.00	62	61	96	29	0	0	54	29.98	0.00	74	66	78	20	7	18	23	29.92	0.00	61	55	80	29	0	8
10	563	30.13	0.00	82	66	58	14	0	0	566	29.90	0.00	80	69	69	18	8	21	638	29.94	0.00	69	57	65	30	2	11
13	770	30.11	0.00	89	69	52	21	2	10	262	29.86	0.00	80	71	75	21	2	20	299	29.96	0.00	71	57	63	29	4	10
16	575	30.06	0.00	91	69	49	23	6	11	596	29.79	0.00	83	72	70	19	5	19	206	29.94	0.00	74	58	58	31	0	9
19	109	30.05	0.00	86	67	53	17	0	0	42	29.74	0.00	79	71	77	21	3	18	125	29.92	0.00	72	57	60	03	0	3
22	0	30.06	0.00	72	62	73	15	0	0	0	29.80	0.00	70	68	94	28	1	8	0	29.96	0.00	57	52	86	03	0	0
AUG 07									AUG 08									AUG 09									
01	0	29.95	0.00	53	51	93	03	0	0	0	29.90	0.00	61	56	84	22	0	0	0	29.88	0.00	63	60	91	32	0	0
04	0	29.94	0.00	53	51	95	03	0	0	0	29.90	0.00	60	54	80	22	0	0	0	29.87	0.00	61	59	94	12	0	2
07	23	29.95	0.00	56	54	96	20	0	5	32	29.92	0.00	57	55	91	22	0	0	47	29.90	0.00	62	60	95	21	0	0
10	605	29.96	0.00	71	60	68	21	2	13	606	29.94	0.00	75	61	62	21	3	6	139	29.90	0.00	73	66	80	19	0	8
13	819	29.92	0.00	79	57	48	23	2	8	573	29.92	0.00	82	62	51	29	1	10	563	29.87	0.00	79	69	71	09	1	5
16	613	29.88	0.00	82	59	45	21	1	7	113	29.90	0.00	80	62	55	24	0	0	155	29.85	0.30	73	68	86	32	0	4
19	125	29.87	0.00	78	58	50	22	0	3	42	29.88	0.00	75	64	70	24	0	0	14	29.86	0.00	72	69	92	07	0	0
22	0	29.89	0.00	65	56	72	22	0	0	0	29.88	0.00	64	59	84	32	0	0	0	29.85	0.00	68	66	94	05	0	0
AUG 10									AUG 11									AUG 12									
01	0	29.82	0.00	67	66	96	05	0	0	0	29.77	0.00	65	64	96	13	0	0	0	29.83	0.00	66	65	96	22	0	0
04	0	29.81	0.00	64	63	96	21	2	5	0	29.78	0.00	64	62	96	10	0	0	0	29.82	0.00	65	64	97	22	0	0
07	26	29.81	0.00	66	64	96	24	0	4	35	29.80	0.00	63	62	97	10	0	0	32	29.84	0.00	67	67	97	22	0	3
10	283	29.83	0.00	71	70	96	22	0	3	536	29.82	0.00	77	69	78	21	0	8	605	29.85	0.00	72	70	94	20	0	9
13	285	29.82	0.00	75	70	85	21	1	5	362	29.80	0.00	82	71	68	07	1	7	149	29.81	0.00	78	65	64	17	2	13
16	90	29.78	0.00	73	70	92	01	1	4	25	29.79	0.00	75	69	81	21	1	5	139	29.80	0.00	80	61	52	26	1	10
19	60	29.78	0.00	68	67	95	09	0	1	0	29.79	0.14	71	68	92	20	0	0	63	29.79	0.00	75	64	70	21	0	3
22	0	29.78	0.00	67	65	95	11	0	1	0	29.80	0.00	65	64	96	15	0	0	0	29.84	0.00	65	60	84	30	0	0
AUG 13									AUG 14									AUG 15									
01	0	29.85	0.00	64	63	95	33	1	5	0	29.89	0.00	62	61	95	23	0	1	0	29.82	0.00	64	60	85	15	0	1
04	0	29.85	0.00	63	59	89	27	0	0	0	29.88	0.00	61	59	95	23	0	0	0	29.79	0.00	64	61	88	20	0	0
07	32	29.88	0.00	61	58	92	21	0	0	32	29.88	0.00	61	60	96	23	0	4	7	29.81	0.00	64	62	92	20	0	0
10	308	29.90	0.00	70	64	79	19	3	10	346	29.90	0.00	73	65	76	22	0	8	244	29.83	0.00	70	64	83	27	4	9
13	837	29.88	0.00	76	64	67	22	4	11	369	29.88	0.00	78	64	63	22	0	7	297	29.83	0.00	76	65	70	32	0	1
16	251	29.85	0.00	77	63	63	31	0	7	265	29.84	0.00	77	63	63	22	4	7	163	29.82	0.00	78	64	62	29	0	6
19	62	29.87	0.00	74	66	76	23	0	0	32	29.85	0.00	71	62	75	29	4	8	62	29.82	0.00	74	66	75	30	0	0
22	0	29.89	0.00	62	60	91	23	0	0	0	29.85	0.00	62	59	90	10	0	0	0	29.85	0.00	64	61	91	30	0	0
AUG 16									AUG 17									AUG 18									
01	0	29.85	0.00	61	60	94	30	0	0	0	29.79	0.00	61	59	95	21	0	4	0	29.78	0.00	59	55	88	20	0	0
04	0	29.84	0.00	62	61	96	30	0	0	0	29.76	0.00	58	57	96	21	0	3	0	29.80	0.00	55	52	91	31	0	0
07	35	29.87	0.00	59	58	96	30	0	0	46	29.74	0.00	61	59	91	21	0	6	21	29.83	0.00	55	53	92	25	0	5
10	418	29.85	0.00	69	64	83	28	0	5	413	29.72	0.00	71	60	68	22	6	10	190	29.87	0.00	65	52	65	28	6	11
13	737	29.82	0.00	77	66	69	05	3	5	257	29.68	0.00	75	64	68	22	5	14	946	29.88	0.00	68	55	62	29	3	8
16	564	29.81	0.00	80	64	58	28	0	8	54	29.68	0.00	72	65	77	27	1	4	571	29.85	0.00	73	53	49	30	2	10
19	72	29.78	0.00	75	62	65	01	1	3	47	29.73	0.00	68	62	81	21	1	5	21	29.86	0.00	67	53	61	31	0	0
22	0	29.79	0.00	60	57	92	01	0	0	0	29.77	0.00	61	56	83	21	0	0	0	29.89	0.00	51	47	85	02	0	0

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.29	0.46	0.56	0.63	0.66	0.72	0.78	0.79	0.79	0.79	0.79	0.79
Ended: Date	11	11	11	11	11	11	11	11	11	11	11	11
Ended: Time	1914	1919	1924	1928	1934	1927	1930	1934	1934	1934	1934	1934

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 2012: Westford

Hour	AUG 19									AUG 20									AUG 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	29.91	0.00	47	44	91	02	0	0	0	29.88	0.00	53	48	86	23	0	0	0	29.87	0.00	58	55	91	20	0	0
04	0	29.92	0.00	44	43	94	02	0	0	0	29.86	0.00	51	49	91	23	0	0	0	29.89	0.00	57	55	92	20	0	0
07	25	29.95	0.00	47	46	95	02	0	1	23	29.86	0.00	49	47	94	23	0	0	28	29.92	0.00	55	53	95	20	0	0
10	554	29.94	0.00	69	53	57	17	0	0	628	29.86	0.00	69	58	68	20	3	9	304	29.96	0.00	68	59	75	29	3	9
13	682	29.92	0.00	73	56	55	19	0	1	779	29.82	0.00	77	57	50	18	2	9	153	29.98	0.00	73	52	48	30	2	9
16	332	29.88	0.00	74	52	45	20	0	4	144	29.81	0.00	67	58	73	18	1	4	668	29.98	0.00	76	51	41	25	3	8
19	74	29.86	0.00	69	57	64	23	0	0	23	29.82	0.00	68	59	75	21	0	0	19	29.98	0.00	73	54	52	28	0	2
22	0	29.88	0.00	53	49	88	23	0	0	0	29.85	0.00	60	55	83	20	0	0	0	30.02	0.00	55	50	83	28	0	0
AUG 22									AUG 23									AUG 24									
01	0	30.05	0.00	53	50	90	28	0	0	0	30.04	0.00	58	53	83	21	0	2	0	30.10	0.00	62	61	95	09	0	12
04	0	30.06	0.00	50	48	92	21	0	0	0	30.05	0.00	58	52	82	22	0	4	0	30.09	0.00	61	60	95	09	0	0
07	23	30.07	0.00	52	51	94	21	0	4	30	30.06	0.00	58	53	83	20	2	6	33	30.12	0.00	58	57	96	09	0	0
10	541	30.09	0.00	69	57	64	19	1	9	524	30.06	0.00	74	61	64	20	2	9	415	30.15	0.00	72	65	80	09	0	0
13	759	30.07	0.00	77	53	43	26	4	11	733	30.05	0.00	79	60	51	27	2	13	853	30.14	0.00	79	65	64	31	0	3
16	577	30.03	0.00	80	54	41	23	5	11	552	30.02	0.00	81	58	45	24	4	11	531	30.12	0.00	84	64	50	02	0	1
19	60	30.01	0.00	75	54	49	21	1	3	32	30.03	0.00	74	62	67	25	0	2	40	30.12	0.00	76	61	59	31	0	0
22	0	30.04	0.00	59	53	83	21	0	0	0	30.07	0.00	61	58	89	32	0	0	0	30.15	0.00	61	56	82	31	0	0
AUG 25									AUG 26									AUG 27									
01	0	30.17	0.00	58	55	91	31	0	0	0	30.20	0.00	68	60	77	20	1	5	0	30.10	0.00	68	60	76	21	0	5
04	0	30.16	0.00	56	55	95	31	0	0	0	30.22	0.00	65	59	82	20	1	7	0	30.07	0.00	66	57	72	22	2	7
07	51	30.20	0.00	57	56	96	31	0	0	30	30.24	0.00	64	57	77	21	2	9	25	30.06	0.00	65	57	74	21	2	9
10	512	30.22	0.00	78	65	64	21	0	6	503	30.25	0.00	76	62	63	18	1	10	508	30.03	0.00	76	63	64	19	4	14
13	728	30.20	0.00	85	63	47	19	2	9	724	30.22	0.00	83	65	54	25	1	8	376	29.98	0.00	79	63	59	21	5	13
16	534	30.17	0.00	87	60	41	22	0	10	517	30.16	0.00	86	62	46	22	3	10	221	29.90	0.00	75	64	68	20	5	13
19	33	30.17	0.00	80	61	52	20	0	0	54	30.12	0.00	80	60	51	22	2	8	16	29.86	0.00	72	65	78	20	3	8
22	0	30.19	0.00	68	61	77	20	0	0	0	30.11	0.00	63	58	82	20	0	0	0	29.84	0.00	68	65	91	20	0	0
AUG 28									AUG 29									AUG 30									
01	0	29.80	0.00	68	66	93	21	3	9	0	29.91	0.00	53	45	73	08	0	0	0	29.95	0.00	57	45	65	24	0	4
04	0	29.76	0.00	66	64	95	24	0	4	0	29.91	0.00	50	45	83	31	0	0	0	29.94	0.00	52	45	78	21	0	2
07	56	29.77	0.00	67	66	96	21	2	8	16	29.93	0.00	48	44	87	36	0	0	30	29.96	0.00	53	46	76	22	0	1
10	306	29.77	0.00	69	65	87	30	5	10	540	29.96	0.00	66	49	55	01	1	8	501	29.94	0.00	65	52	62	21	2	12
13	480	29.77	0.00	73	66	80	01	2	7	752	29.95	0.00	71	46	41	29	3	11	657	29.91	0.00	74	56	53	21	6	10
16	190	29.76	0.00	75	60	60	35	1	20	533	29.90	0.00	74	48	39	27	3	11	492	29.86	0.00	81	60	49	24	1	11
19	30	29.82	0.00	66	51	59	05	1	8	23	29.89	0.00	69	47	46	28	3	7	28	29.84	0.00	74	59	60	21	1	9
22	0	29.88	0.00	57	47	71	26	0	0	0	29.93	0.00	55	45	69	24	0	0	0	29.84	0.00	68	56	64	21	5	10
AUG 31																											
01	0	29.88	0.00	66	55	67	22	4	9																		
04	0	29.84	0.00	64	54	69	20	4	9																		
07	47	29.82	0.00	65	52	64	21	4	9																		
10	151	29.80	0.00	71	55	59	21	5	13																		
13	244	29.77	0.00	68	61	79	20	3	8																		
16	86	29.73	0.00	76	62	62	30	1	5																		
19	16	29.76	0.00	68	63	85	36	0	0																		
22	0	29.82	0.00	62	60	93	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

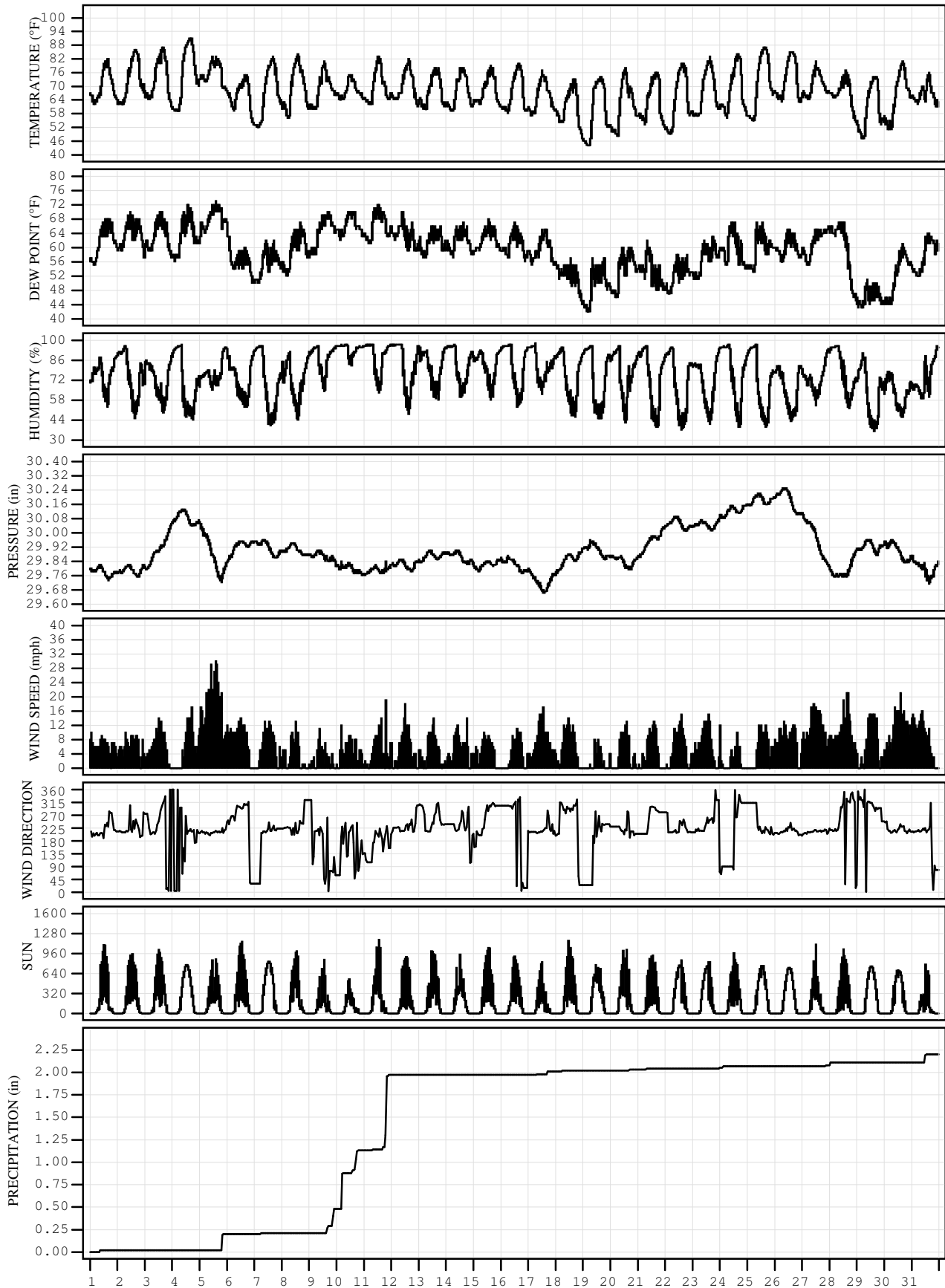
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01	0	29.915	62	57	87	0.4	21	0.4
04	0	29.907	60	56	88	0.4	21	0.4
07	34	29.927	60	57	89	0.8	21	0.8
10	457	29.933	72	62	71	2.1	23	1.6
13	585	29.913	77	62	61	2.4	24	1.5
16	358	29.884	79	62	57	1.7	23	1.4
19	53	29.882	74	62	67	0.6	24	0.4
22	0	29.908	63	58	84	0.3	22	0.3

HOURLY PRECIPITATION (Water Equivalent) August 2012: Westford

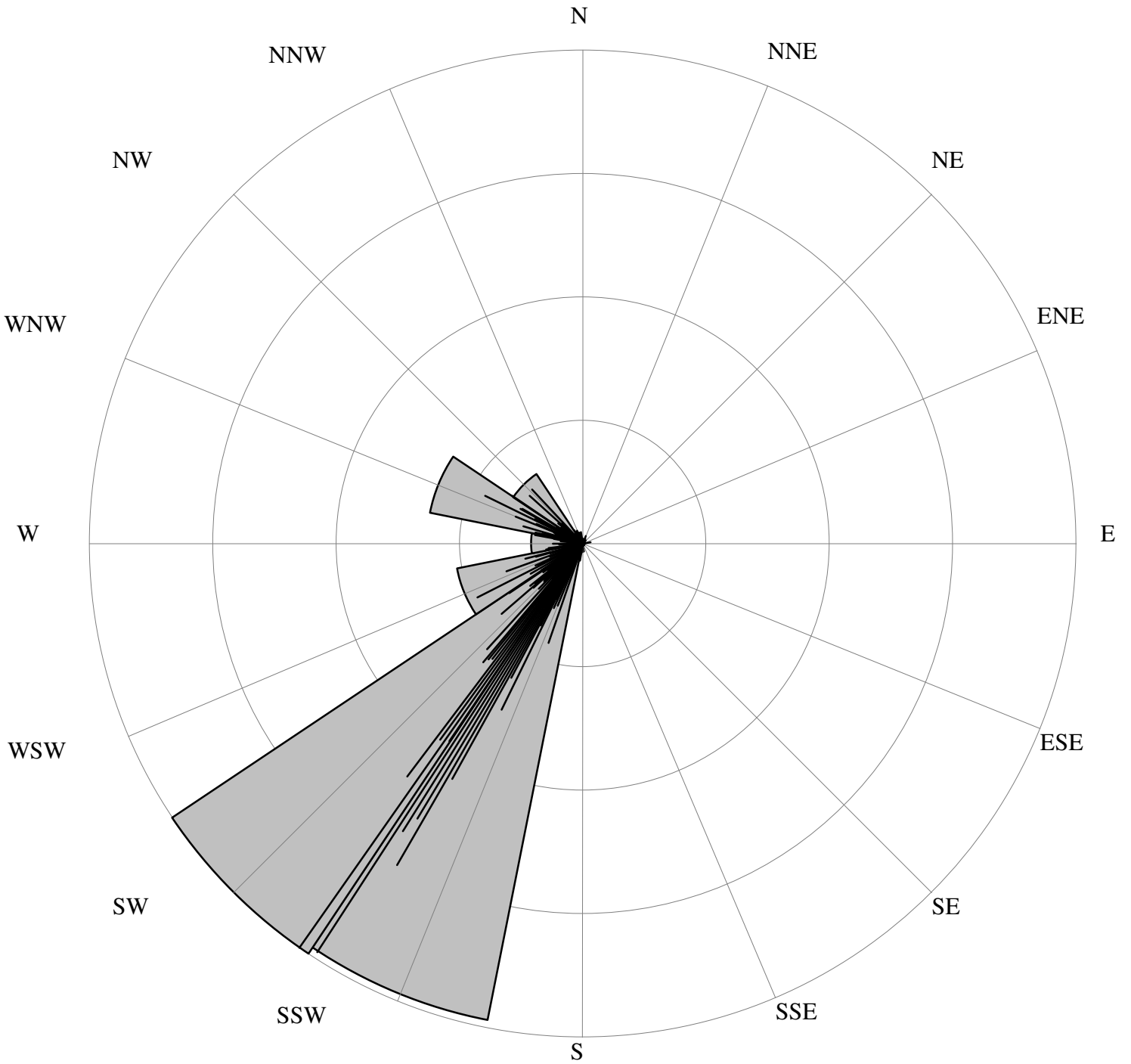
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01								0.02																01	
02																								02	
03																								03	
04																								04	
05																		0.17	0.01					05	
06																								06	
07						0.01																		07	
08																								08	
09																				0.11	0.08			09	
10					0.39	0.01							0.03		0.06	0.02								10	
11															0.01	0.11	0.09	0.01						11	
12								0.01								0.03		0.13	0.66		0.01			12	
13																								13	
14																								14	
15																								15	
16																								16	
17								0.01								0.03								17	
18						0.01																		18	
19																								19	
20																0.01								20	
21								0.01																21	
22																								22	
23																							0.01	23	
24			0.02																					24	
25																								25	
26																								26	
27																					0.01			27	
28	0.03																							28	
29																								29	
30																								30	
31												0.08	0.01											31	
Sum	0.03	0.00	0.02	0.00	0.39	0.03	0.00	0.03	0.02	0.00	0.00	0.08	0.01	0.03	0.00	0.07	0.20	0.09	0.14	0.83	0.13	0.09	0.00	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 2012: Westford



Wind Rose: August 2012
Westford



Maximum direction of wind: 53.4 miles from 215°
Maximum sector of wind: 288.7 miles from SW
836.8 total miles of wind