

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

July 2008

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						Sun		
	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	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	78.6	55.6	67.1	66.9	59	77	0	3	.....	0	0.00	0.0	29.90	29.73	29.827	0.7	0.7	287	10	W	6	299	
2	80.3	53.5	66.9	67.6	57	71	0	2	.....	0	0.00	0.0	29.92	29.80	29.871	1.5	1.4	207	17	S	8	189	
3	69.4	52.7	61.1*	63.3	57	80	4	0	.....	0	0.22	0.0	29.99	29.72	29.808	3.2	2.7	202	24	S	12	201	
4	76.5	47.4	62.0	61.9	53	75	3	0	.....	0	0.00	0.0	30.06	29.98	30.016	0.7	0.5	290	11	WNW	7	295	
5	82.3	47.3*	64.8	65.4	55	73	0	0	.....	0	0.00	0.0	30.03	29.94	29.994	0.7	0.7	202	20	SSE	8	150	
6	83.4	56.2	69.8	69.6	61	76	0	5	.....	0	0.00	0.0	30.03	29.94	29.991	1.3	1.2	203	12	S	7	286	
7	86.2*	63.8	75.0	74.4	66	76	0	10	.....	0	0.00	0.0	29.99	29.87	29.937	3.1	3.1	193	16	S	9	198	
8	86.1	64.1	75.1*	75.7	68	79	0	10	.....	0	0.00	0.0	29.90	29.69	29.805	3.0	3.0	192	19	SSE	12	172	
9	82.0	66.9	74.5	72.8	69	87	0	10	.....	0	0.97	0.0	29.70	29.60	29.649	2.2	1.8	212	16	SSE	9	190	
10	72.4	58.5	65.5	65.5	57	75	0	1	.....	0	0.00	0.0	29.99	29.64	29.837	3.6	3.4	263	20	WSW	12	288	
11	69.9	52.6	61.3	61.4	56	83	3	0	.....	0	0.01	0.0	30.09	29.98	30.045	0.2	0.2	217	8	SSW	4	201	
12	83.8	54.7	69.3	70.4	62	76	0	5	.....	0	0.00	0.0	30.10	29.84	30.001	1.3	1.3	193	16	SSW	7	251	
13	74.0	64.9	69.5	69.3	64	84	0	5	.....	0	1.28	0.0	29.84	29.62	29.704	6.6	6.6	188	28	S	14	184	
14	77.1	62.0	69.5	68.9	60	76	0	5	.....	0	0.00	0.0	29.85	29.64	29.730	2.9	2.6	218	17	S	12	197	
15	78.2	56.4	67.3	66.6	56	71	0	2	.....	0	0.00	0.0	30.09	29.85	29.992	1.6	1.5	232	17	S	9	239	
16	82.4	53.0	67.7	68.0	60	77	0	3	.....	0	0.00	0.0	30.11	30.01	30.065	1.8	1.8	194	18	S	9	212	
17	83.9	57.9	70.9	70.5	63	78	0	6	.....	0	0.00	0.0	30.11	29.98	30.052	0.3	0.3	225	9	SSE	4	251	
18	80.1	64.9	72.5	68.9	63	83	0	8	..3.....	0	0.44	0.0	29.98	29.85	29.913	1.7	1.6	199	22	WSW	11	235		
19	84.4	65.6	75.0	73.0	67	84	0	10	..3.....	0	0.65	0.0	29.89	29.83	29.859	1.7	1.4	243	13	W	8	285		
20	70.0	59.9	65.0	65.6	64	94	0	0	.....	0	1.31	0.0	29.90	29.77	29.846	0.4	0.1	144	9	SE	4	144	
21	76.0	59.7	67.9	66.7	64	90	0	3	..3.....	0	0.20	0.0	29.85	29.77	29.804	0.5	0.4	318	15	WNW	7	287		
22	78.1	56.4	67.3	67.2	64	89	0	2	.....	0	0.16	0.0	29.90	29.83	29.867	0.2	0.2	294	7	WNW	5	296	
23	73.0	62.0	67.5	65.8	63	92	0	3	.....	0	0.67	0.0	29.95	29.88	29.923	1.2	1.1	165	16	S	9	180	
24	72.2	58.6	65.4	66.0	63	90	0	1	..3.....	0	1.13	0.0	29.94	29.82	29.881	1.4	1.2	178	32	W	16	278		
25	80.3	59.1	69.7	68.1	61	80	0	5	.....	0	0.01	0.0	30.04	29.91	29.987	2.7	2.6	196	16	S	9	204	
26	82.5	59.0	70.8	68.3	61	79	0	6	..3.....	0	0.29	0.0	29.99	29.69	29.847	3.1	3.0	196	30	WSW	16	283		
27	80.9	58.9	69.9	68.3	61	80	0	5	.....	0	0.02	0.0	29.75	29.69	29.722	2.9	2.6	207	17	S	12	189	
28	78.3	58.9	68.6	68.0	61	79	0	4	..3.....	0	0.07	0.0	29.78	29.71	29.744	2.3	2.1	211	14	S	8	199		
29	77.3	58.4	67.9	67.0	61	83	0	3	.....	0	0.01	0.0	29.85	29.78	29.816	1.7	1.6	282	17	WNW	10	282	
30	78.9	55.5	67.2	66.8	60	81	0	3	.....	0	0.00	0.0	29.85	29.63	29.763	0.8	0.7	197	14	S	7	187	
31	82.2	61.9	72.0	69.6	65	85	0	7	..3.....	0	0.14	0.0	29.64	29.51	29.555	1.7	1.5	210	14	S	7	204		
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:													---	
2441	1806					10	127			7.58	0.0	30.11	29.51	29.866	1.8	1.5	209	32	W	16	278			
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl	Date	Date	-----	----	----	----	----	Date	Date	Avg				
78.7	58.3	68.5	68.0	61	80.7	----	----	≥.01 inch		17	28.67	0.0	17	31	-----	----	----	----	24	24				
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			10	222	Thunder	7	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	1.37	19-20	0.0	-	0						-						
0	0	0	0	----	----	Clear	4	Partly Cloudy			16	Cloudy			11									

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: Sunshine index is measured in Watts/m² 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

July 2008: Westford

Hour	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Wind			Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Wind			Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Wind				
						Direction	Speed	Gust						Direction	Speed	Gust						Direction	Speed	Gust		
JUL 01									JUL 02									JUL 03								
01		29.74	0.00	63	59	87	07	0	2	29.90	0.00	57	54	92	29	0	0	29.82	0.00	64	54	71	18	2	9	
04		29.75	0.00	61	59	93	09	0	0	29.89	0.00	55	53	93	19	0	1	29.76	0.00	65	55	69	18	5	12	
07		29.81	0.00	62	59	89	01	0	2	29.92	0.00	57	56	95	19	0	0	29.75	0.00	67	55	66	18	4	11	
10		29.85	0.00	69	60	73	29	4	8	29.91	0.00	74	62	66	21	3	10	29.74	0.00	65	58	79	19	2	13	
13		29.87	0.00	72	62	70	31	0	6	29.89	0.00	78	59	52	19	4	10	29.73	0.00	65	60	85	19	6	17	
16		29.85	0.00	78	59	53	27	4	7	29.83	0.00	80	56	44	20	4	10	29.80	0.00	63	61	91	26	1	4	
19		29.85	0.00	77	59	55	29	0	1	29.81	0.00	77	58	51	18	1	6	29.88	0.00	61	58	90	29	5	10	
22		29.89	0.00	58	55	90	29	0	0	29.82	0.00	63	55	74	18	1	3	29.96	0.00	55	53	92	29	0	0	
JUL 04									JUL 05									JUL 06								
01		29.99	0.00	53	52	94	17	0	2	30.03	0.00	51	48	92	35	0	0	30.00	0.00	58	56	94	21	0	0	
04		30.00	0.00	49	48	95	20	0	0	30.02	0.00	49	47	94	35	0	0	30.01	0.00	59	57	95	17	0	3	
07		30.05	0.00	53	51	95	20	0	0	30.03	0.00	52	50	95	35	0	0	30.03	0.00	62	61	96	19	1	3	
10		30.06	0.00	69	59	71	19	1	4	30.02	0.00	73	60	63	07	0	3	30.02	0.00	75	66	74	11	1	6	
13		30.04	0.00	73	51	47	29	2	7	29.98	0.00	78	57	48	21	2	9	30.00	0.00	79	67	68	20	2	9	
16		29.99	0.00	76	56	50	31	1	4	29.96	0.00	82	64	56	21	1	7	29.97	0.00	83	60	46	20	4	10	
19		29.99	0.00	74	53	48	29	0	1	29.95	0.00	79	62	57	18	0	3	29.95	0.00	80	60	51	18	1	5	
22		30.02	0.00	54	50	87	35	0	0	29.97	0.00	60	57	90	22	0	0	29.96	0.00	64	59	84	19	0	1	
JUL 07									JUL 08									JUL 09								
01		29.98	0.00	64	59	84	19	1	4	29.90	0.00	66	62	89	19	1	4	29.69	0.00	73	68	83	18	5	11	
04		29.97	0.00	66	61	86	19	3	10	29.88	0.00	67	63	89	18	2	4	29.69	0.00	71	67	87	18	0	5	
07		29.99	0.00	67	63	88	18	4	10	29.88	0.00	69	66	93	19	1	7	29.68	0.00	72	67	84	18	5	9	
10		29.98	0.00	77	69	76	18	3	7	29.85	0.00	80	71	75	19	4	13	29.66	0.00	78	70	76	20	6	12	
13		29.94	0.00	82	70	67	19	5	12	29.80	0.00	84	73	70	18	5	14	29.63	0.00	76	70	83	29	4	6	
16		29.90	0.00	86	72	63	22	5	15	29.75	0.00	85	71	62	18	5	17	29.61	0.00	72	70	94	21	0	3	
19		29.88	0.00	81	67	64	19	3	10	29.70	0.00	80	69	70	18	4	11	29.61	0.00	72	70	92	19	0	4	
22		29.90	0.00	71	65	80	18	1	4	29.72	0.00	75	69	80	18	4	11	29.63	0.00	67	65	94	20	0	2	
JUL 10									JUL 11									JUL 12								
01		29.65	0.00	69	66	89	24	4	13	29.99	0.00	58	54	87	33	0	0	30.10	0.00	55	54	95	18	0	0	
04		29.72	0.00	63	54	74	24	4	17	30.01	0.00	53	51	91	33	0	0	30.09	0.00	57	55	95	17	0	0	
07		29.78	0.00	61	54	80	26	5	13	30.01	0.00	57	55	93	13	0	1	30.09	0.00	60	58	96	01	0	0	
10		29.82	0.00	67	57	71	25	6	12	30.04	0.00	68	55	62	19	0	5	30.05	0.00	74	64	71	15	2	6	
13		29.87	0.00	67	58	71	25	4	12	30.07	0.00	63	58	85	29	0	1	30.01	0.00	80	65	61	13	3	8	
16		29.90	0.00	71	60	67	29	3	9	30.05	0.00	68	59	74	21	1	4	29.95	0.00	83	69	61	13	2	6	
19		29.92	0.00	70	57	62	29	3	9	30.07	0.00	67	60	78	18	0	0	29.89	0.00	80	66	62	19	1	6	
22		29.98	0.00	61	55	82	04	0	1	30.08	0.00	57	55	93	18	0	0	29.87	0.00	72	62	72	19	1	7	
JUL 13									JUL 14									JUL 15								
01		29.81	0.00	74	65	74	18	9	19	29.65	0.00	67	65	95	20	8	14	29.86	0.00	63	53	71	19	1	5	
04		29.77	0.00	72	61	70	18	8	17	29.65	0.00	66	64	95	18	3	10	29.90	0.00	59	52	78	19	1	3	
07		29.73	0.00	71	62	73	18	8	21	29.69	0.00	65	64	95	20	3	11	29.96	0.00	59	55	85	19	3	4	
10		29.71	0.00	65	63	92	19	9	22	29.73	0.00	68	62	82	27	2	12	30.02	0.00	68	56	67	23	2	10	
13		29.70	0.00	72	65	78	20	10	20	29.75	0.00	73	59	63	27	5	10	30.04	0.00	74	59	59	21	3	9	
16		29.66	0.13	68	65	93	19	4	16	29.74	0.00	74	64	70	19	2	5	30.02	0.00	77	59	53	23	2	10	
19		29.63	0.13	67	66	94	18	5	13	29.77	0.00	74	59	59	23	2	7	30.03	0.00	76	61	60	29	0	2	
22		29.66	0.00	66	65	95	20	8	16	29.84	0.00	67	52	59	24	7	11	30.08	0.00	58	55	90	31	0	0	
JUL 16									JUL 17									JUL 18								
01		30.09	0.00	56	54	94	34	0	1	30.07	0.00	62	60	94	26	0	0	29.97	0.00	65	59	79	18	1	7	
04		30.08	0.00	53	52	94	19	0	1	30.07	0.00	58	57	95	26	0	0	29.94	0.00	67	59	74	18	2	7	
07		30.10	0.00	61	56	84	18	4	10	30.10	0.00	64	62	96	25	0	0	29.93	0.00	68	60	75	19	1	7	
10		30.09	0.00	74	61	65	19	2	14	30.10	0.00	74	69	84	24	1	3	29.93	0.00	74	65	75	20	2	9	
13		30.07	0.00	79	62	56	19	4	15	30.08	0.00	80	69	69	30	0	1	29.91	0.00	77	70	79	20	1	7	
16		30.03	0.00	79	65	62	19	5	12	30.04	0.00	83	62	49	18	0	4	29.90	0.00	70	66	86	29	1	5	
19		30.01	0.00	79	67	68	26	0	1	30.00	0.00	77	67	70	16	0	1	29.89	0.00	67	65	93	16	0	0	
22		30.05	0.00	65	62	88	26	0	1	30.00	0.00	67	61	80	19	0	4	29.86	0.00	65	63	94	19	3	5	

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.60	0.79	0.80	0.85	0.97	1.02	1.03	1.03	1.03	1.03	1.03	1.03
Ended: Date	24	24	24	24	24	24	24	24	24	24	24	24
Ended: Time	2035	2037	2042	2048	2058	2110	2116	2116	2116	2116	2116	2116

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

July 2008: Westford

Hour	JUL 19									JUL 20									JUL 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		29.84	0.00	67	65	94	18	2	6		29.88	0.00	66	64	94	17	0	3		29.77	0.00	64	62	96	01	0	0
04		29.85	0.00	67	65	94	19	0	5		29.87	0.00	61	59	95	19	0	3		29.77	0.00	64	62	96	06	0	1
07		29.87	0.00	67	66	95	23	1	4		29.89	0.00	64	63	96	19	0	0		29.80	0.00	63	62	96	02	0	2
10		29.87	0.00	76	70	84	24	2	5		29.89	0.06	67	66	95	18	3	4		29.80	0.00	71	67	87	33	0	2
13		29.87	0.00	80	70	71	25	6	13		29.88	0.00	70	68	93	18	1	3		29.80	0.00	73	67	83	28	4	9
16		29.85	0.00	83	71	67	27	4	10		29.80	0.49	69	67	94	01	0	5		29.82	0.00	69	63	80	02	2	7
19		29.85	0.00	81	69	68	28	1	4		29.79	0.18	65	64	95	02	1	3		29.81	0.00	73	66	79	30	0	1
22		29.87	0.00	67	64	90	28	0	0		29.78	0.00	64	63	95	01	0	1		29.84	0.00	63	61	95	30	0	0
JUL 22									JUL 23									JUL 24									
01		29.84	0.00	59	58	95	06	0	0		29.90	0.00	64	62	95	08	0	0		29.90	0.00	64	62	95	13	0	4
04		29.83	0.00	57	55	95	06	0	0		29.91	0.00	64	63	96	18	1	5		29.86	0.00	63	61	94	11	0	3
07		29.87	0.00	59	58	96	06	0	0		29.93	0.00	63	62	96	19	0	0		29.90	0.00	63	62	95	19	1	5
10		29.89	0.00	71	67	87	36	0	3		29.94	0.00	66	64	93	12	1	5		29.90	0.00	70	65	83	17	5	13
13		29.88	0.00	75	68	77	08	1	3		29.93	0.00	70	65	87	17	2	14		29.87	0.00	70	66	88	21	2	7
16		29.87	0.00	75	69	83	29	0	2		29.94	0.00	69	65	85	13	3	13		29.83	0.00	71	66	85	16	2	11
19		29.86	0.00	74	68	84	00	0	2		29.93	0.00	66	63	92	11	1	11		29.88	0.00	70	65	85	20	2	4
22		29.88	0.00	65	64	95	33	0	0		29.91	0.00	64	62	94	12	1	7		29.90	0.00	59	58	95	20	1	4
JUL 25									JUL 26									JUL 27									
01		29.92	0.00	60	59	95	17	1	8		29.98	0.00	60	58	92	18	1	5		29.70	0.00	65	62	91	19	5	15
04		29.96	0.00	60	59	95	19	2	12		29.94	0.00	61	57	86	19	2	5		29.70	0.00	61	59	94	18	2	10
07		30.02	0.00	60	58	95	19	5	11		29.93	0.00	63	58	84	19	2	8		29.74	0.00	62	60	95	18	4	12
10		30.03	0.00	71	63	76	19	5	10		29.90	0.00	75	62	64	19	7	14		29.74	0.00	72	66	82	20	4	9
13		30.01	0.00	77	64	64	19	6	13		29.83	0.00	81	63	56	20	6	13		29.73	0.00	77	64	64	25	5	12
16		30.00	0.00	79	63	59	20	5	11		29.75	0.00	81	64	56	19	6	16		29.71	0.00	80	60	49	27	3	11
19		29.98	0.00	77	63	62	19	3	6		29.77	0.00	63	61	93	18	3	12		29.71	0.00	71	63	76	29	0	0
22		29.98	0.00	62	59	92	18	0	2		29.73	0.00	64	62	92	18	3	9		29.74	0.00	60	57	90	29	0	1
JUL 28									JUL 29									JUL 30									
01		29.73	0.00	59	56	89	19	2	5		29.79	0.00	63	61	94	22	0	2		29.85	0.00	58	56	93	31	0	0
04		29.71	0.00	61	58	92	19	3	7		29.79	0.00	62	60	94	23	3	6		29.83	0.00	58	57	95	18	1	3
07		29.75	0.00	62	59	91	20	5	9		29.82	0.00	62	60	94	26	1	6		29.83	0.00	58	57	95	17	0	0
10		29.76	0.00	72	63	73	18	5	10		29.82	0.00	69	63	80	23	1	5		29.83	0.00	71	62	74	24	1	6
13		29.75	0.00	71	62	72	22	1	7		29.83	0.00	72	63	75	29	5	10		29.77	0.00	76	62	62	12	0	7
16		29.73	0.00	75	61	62	27	5	12		29.80	0.00	76	63	65	30	3	10		29.72	0.00	75	63	67	20	0	3
19		29.73	0.00	74	63	68	20	2	7		29.83	0.00	72	63	72	27	1	10		29.66	0.00	68	61	78	13	1	4
22		29.77	0.00	68	61	78	21	1	6		29.85	0.00	60	57	91	31	0	0		29.66	0.00	69	60	74	19	3	7
JUL 31																											
01		29.62	0.00	64	61	89	17	2	10																		
04		29.58	0.00	63	60	93	15	1	3																		
07		29.56	0.00	65	63	94	19	1	5																		
10		29.56	0.00	71	68	91	19	2	9																		
13		29.53	0.00	79	69	73	23	3	11																		
16		29.51	0.00	82	69	65	28	4	12																		
19		29.53	0.00	74	68	82	18	0	2																		
22		29.56	0.00	64	61	93	07	0	1																		

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

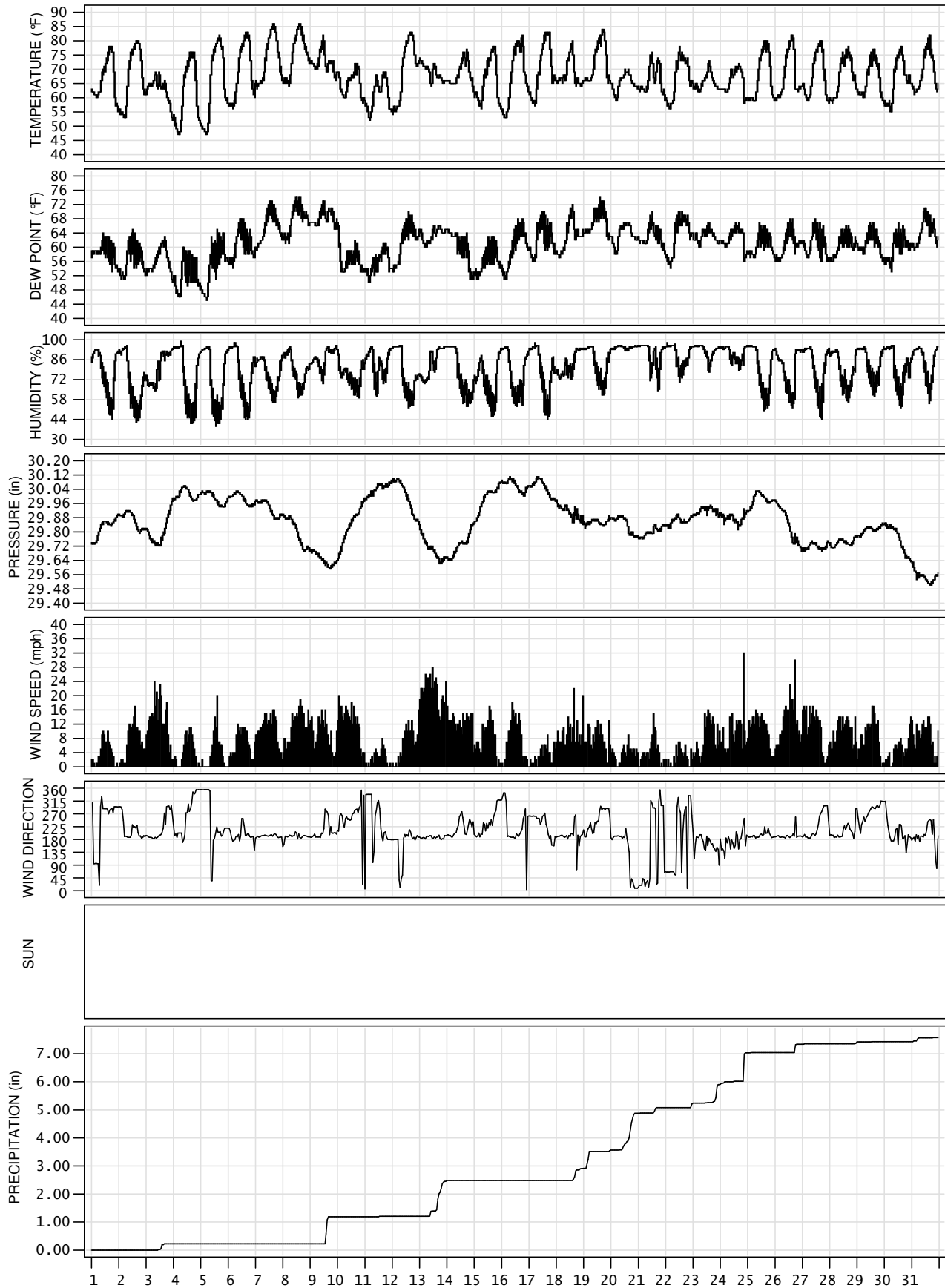
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		29.870	62	59	90	1.5	19	1.4
04		29.864	61	58	90	1.5	19	1.4
07		29.884	62	59	90	1.9	20	1.7
10		29.887	71	64	77	2.8	20	2.4
13		29.872	75	64	70	3.3	22	2.4
16		29.848	76	64	67	2.7	23	1.8
19		29.844	73	63	73	1.4	21	0.9
22		29.863	64	60	87	1.1	20	1.0

HOURLY PRECIPITATION (Water Equivalent) July 2008: Westford

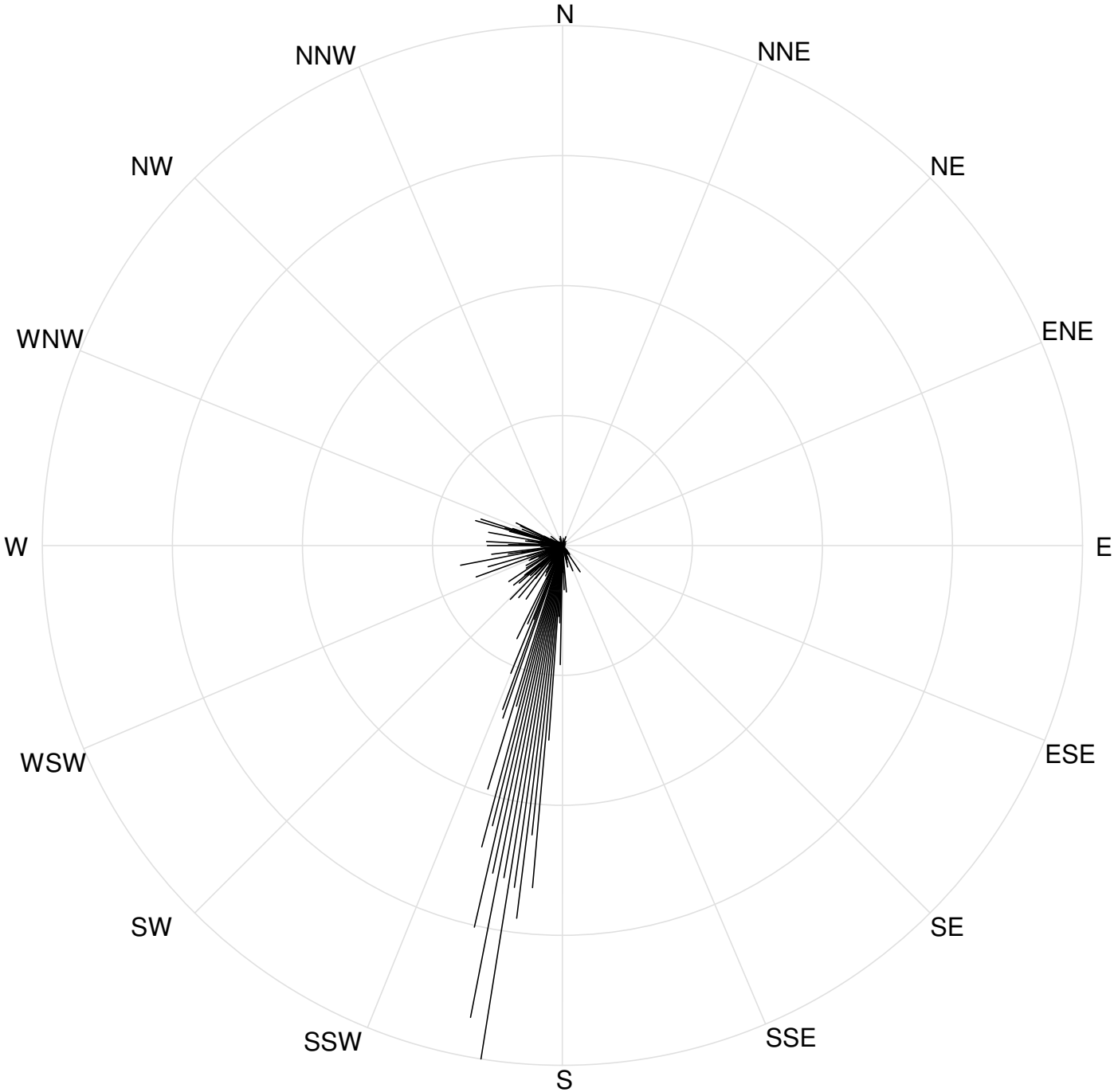
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03											0.02		0.02	0.15		0.03								03	
04																								04	
05																								05	
06																								06	
07																								07	
08																								08	
09														0.36	0.50	0.11								09	
10																								10	
11													0.01											11	
12																								12	
13								0.01	0.17	0.01					0.04	0.38	0.20	0.05	0.13	0.18	0.05	0.03		13	
14																								14	
15																								15	
16																								16	
17																								17	
18															0.04	0.09	0.21	0.03			0.05	0.01		18	
19			0.16	0.15	0.28																		0.04	0.01	
20							0.01		0.02	0.10	0.07	0.03	0.07	0.02	0.12	0.28	0.26	0.16	0.12	0.05			0.02	20	
21		0.01												0.05	0.11	0.03								21	
22																								22	
23										0.01		0.01										0.13	0.03	23	
24	0.04		0.01	0.04											0.01	0.02	0.02	0.12	0.39	0.08			0.01	24	
25			0.01								0.02								0.97	0.05				25	
26																								26	
27		0.02															0.27	0.02						27	
28																								28	
29																						0.02	0.05	29	
30												0.01												30	
31		0.02			0.07	0.03	0.01													0.01				31	
Sum	0.04	0.05	0.18	0.19	0.35	0.03	0.01	0.01	0.01	0.19	0.14	0.09	0.08	0.63	0.71	0.76	0.70	0.63	0.34	0.42	1.51	0.17	0.19	0.15	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 July 2008: Westford



Wind Rose: July 2008
Westford



Maximum direction of wind: 78.5 miles from 189°.
1368.8 total miles of wind.