

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

July 2007

Station: Westford
 Latitude: 44° 37' 39" N Longitude: 73° 02' 29" W Elevation (Ground): 850 feet Time Zone: Eastern

Date	Temperature					Humidity Mean	Deg. Days		Precip Ty 1 fog 2 hv 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 Mean Index	
	Maximum	Minimum	Average	Mean	Dew Point		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	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	59.8	49.4	54.6*	53.8	48	80	10	0	.....	0	0.00	0.0	30.05	29.93	30.000	2.1	2.0	289	13	W	10	282
2	70.1	46.7*	58.4	56.1	48	77	6	0	..3.....	0	0.28	0.0	30.13	30.03	30.085	1.4	1.3	290	13	W	11	274	
3	76.1	47.4	61.8	60.5	53	78	3	0	.....	0	0.01	0.0	30.15	30.01	30.093	1.4	1.1	244	12	S	6	264
4	75.1	51.1	63.1	61.6	55	81	2	0	.....	0	0.35	0.0	30.07	29.82	29.958	2.7	2.7	192	24	S	15	201
5	74.4	58.4	66.4	64.1	61	91	0	1	.....	0	0.19	0.0	29.82	29.74	29.775	1.3	1.0	226	10	S	8	276
6	76.7	57.3	67.0	65.8	61	85	0	2	.....	0	0.00	0.0	29.77	29.68	29.736	1.7	1.3	257	14	WNW	10	281
7	70.8	51.7	61.3	59.8	56	88	3	0	.....	0	0.19	0.0	29.78	29.71	29.747	1.4	0.9	223	12	NW	8	269
8	68.4	56.2	62.3	60.7	59	94	3	0	.....	0	0.69	0.0	29.79	29.66	29.712	0.6	0.3	199	8	S	5	286
9	82.2	54.4	68.3	66.9	65	94	0	3	.....	0	0.85	0.0	29.80	29.66	29.732	1.2	1.1	173	14	SSW	8	191
10	86.3	65.0	75.7*	74.2	70	89	0	11	..3.....	0	0.04	0.0	29.88	29.73	29.807	0.6	0.4	207	9	SSE	5	270	
11	78.1	62.7	70.4	71.3	69	92	0	6	..3.....	0	0.52	0.0	29.74	29.53	29.609	3.0	2.9	190	22	SSE	13	138	
12	76.0	54.5	65.3	64.7	55	73	0	1	.....	0	0.01	0.0	29.78	29.65	29.733	1.6	1.5	273	11	WSW	8	287
13	71.6	53.2	62.4	60.3	55	85	2	0	..3.....	0	0.76	0.0	29.84	29.74	29.782	1.7	1.3	224	26	W	16	268	
14	73.0	49.9	61.5	61.4	55	81	3	0	.....	0	0.00	0.0	29.91	29.69	29.824	0.9	0.8	191	11	S	7	177
15	78.5	57.8	68.1	67.5	58	74	0	4	.....	0	0.24	0.0	29.79	29.62	29.669	3.0	2.3	233	19	SSW	11	274
16	77.0	54.8	65.9	66.2	55	68	0	1	.....	0	0.00	0.0	29.91	29.77	29.858	2.1	1.9	253	12	W	9	307
17	78.6	54.5	66.5	66.4	54	66	0	2	.....	0	0.00	0.0	29.97	29.88	29.927	1.8	1.5	237	12	S	8	271
18	71.5	58.6	65.0	64.0	61	91	0	1	.....	0	0.05	0.0	29.93	29.76	29.858	1.0	1.0	181	11	SW	7	187
19	69.4	60.1	64.8	63.8	62	95	0	0	.....	0	0.30	0.0	29.77	29.56	29.660	1.3	0.9	187	12	S	7	172
20	70.8	57.3	64.1	61.9	61	96	1	0	.....	0	0.28	0.0	29.86	29.52	29.628	2.1	1.8	281	14	W	11	288
21	76.1	54.7	65.4	63.5	57	81	0	1	.....	0	0.00	0.0	30.10	29.85	29.979	1.3	1.2	286	14	WNW	10	289
22	78.1	49.4	63.8	63.8	55	76	1	0	.....	0	0.00	0.0	30.21	30.09	30.161	0.4	0.4	302	11	W	6	288
23	77.9	52.5	65.2	65.2	58	80	0	1	.....	0	0.00	0.0	30.21	29.96	30.105	0.1	0.1	332	7	WNW	4	278
24	82.4	58.7	70.6	70.3	63	80	0	6	.....	0	0.00	0.0	30.02	29.90	29.952	1.6	1.4	211	12	S	7	210
25	85.3	60.5	72.9	72.3	63	74	0	8	.....	0	0.00	0.0	30.10	30.00	30.050	1.2	1.0	201	9	S	7	168
26	85.3	64.0	74.7	74.8	65	73	0	10	.....	0	0.00	0.0	30.08	29.88	29.988	1.8	1.7	198	14	W	7	226
27	86.7*	62.6	74.6	72.7	66	77	0	10	..3.....	0	0.03	0.0	29.89	29.74	29.813	1.7	1.4	204	19	W	13	291	
28	75.6	62.6	69.1	69.4	66	88	0	5	.....	0	0.02	0.0	29.83	29.73	29.770	1.7	1.7	198	14	SW	9	218
29	81.1	58.4	69.8	70.0	62	77	0	5	.....	0	0.00	0.0	29.94	29.83	29.888	0.4	0.4	310	10	W	6	281
30	82.0	58.1	70.0	68.2	53	58	0	5	.....	0	0.00	0.0	29.94	29.84	29.885	0.7	0.7	285	11	W	8	271
31	84.9	54.8	69.9	69.7	60	73	0	5	.....	0	0.00	0.0	29.92	29.81	29.860	0.8	0.6	273	11	WNW	8	300
Sum	Sum	-----	-----	---	----	Ttl	Ttl						For the month:						---				
2380	1737					34	88		Number of Days	4.81	0.0	30.21	29.52	29.860	1.4	1.0	230	26	W	16	268		
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip	Season Ttl	Date	Date	-----	-----	---		Date	Date				Avg	
76.8	56.0	66.4	65.5	59	81.1	----	----		≥.01 inch	17	24.76	0.0	22+	20	-----	-----	---		13	13			
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			34	194	Thunder	5	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.87	7- 8	0.0	-	0						-					
0	0	0	0	----	----	Clear	12	Partly Cloudy			13	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: 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 2007: 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				
						Humidity	Direction	Speed						Humidity	Direction	Speed						Humidity	Direction	Speed		
JUL 01									JUL 02									JUL 03								
01		29.94	0.00	53	48	84	29	0	2	30.05	0.00	49	45	89	27	0	1	30.11	0.00	50	49	97	18	2	6	
04		29.94	0.00	50	47	92	28	0	4	30.07	0.00	48	46	93	28	1	2	30.10	0.00	47	47	98	24	0	0	
07		29.96	0.00	52	47	85	29	0	2	30.10	0.00	50	49	97	29	0	2	30.15	0.00	50	50	99	19	1	5	
10		30.00	0.00	55	48	79	29	4	8	30.13	0.00	58	51	79	30	2	6	30.13	0.00	64	57	79	31	0	0	
13		30.03	0.00	55	47	74	28	4	8	30.10	0.00	64	52	65	29	3	10	30.11	0.00	72	57	59	24	2	2	
16		30.04	0.00	56	48	76	28	6	6	30.07	0.00	64	50	60	27	2	2	30.06	0.00	74	59	59	26	5	5	
19		30.02	0.00	60	46	62	28	8	10	30.08	0.00	69	48	48	32	0	0	30.03	0.00	76	50	41	29	0	2	
22		30.05	0.00	53	46	76	28	0	0	30.10	0.07	52	51	97	18	0	0	30.06	0.00	54	50	89	33	0	0	
JUL 04									JUL 05									JUL 06								
01		30.06	0.00	51	49	92	33	0	0	29.80	0.13	59	58	98	09	0	2	29.74	0.00	59	58	98	25	0	0	
04		30.03	0.00	55	50	81	19	0	3	29.76	0.00	60	59	99	18	2	6	29.75	0.00	60	59	99	16	0	0	
07		30.01	0.00	61	52	73	18	3	6	29.78	0.00	61	61	99	20	1	7	29.76	0.00	62	61	99	18	1	1	
10		29.98	0.00	69	54	60	20	10	10	29.79	0.00	64	62	93	21	1	7	29.74	0.00	70	65	85	29	3	6	
13		29.92	0.00	74	59	59	19	9	19	29.77	0.00	73	63	72	25	1	7	29.73	0.00	72	61	67	28	4	8	
16		29.93	0.04	63	54	74	23	5	12	29.78	0.00	73	63	73	28	2	2	29.70	0.00	76	60	58	00	3	7	
19		29.91	0.04	60	60	99	21	1	11									29.72	0.00	68	60	74	17	4	7	
22		29.87	0.00	60	59	98	20	0	3	29.74	0.00	62	60	91	25	0	0	29.75	0.00	63	60	89	18	4	7	
JUL 07									JUL 08									JUL 09								
01		29.78	0.00	60	54	80	00	0	2	29.68	0.00	58	58	99	17	2	3	29.80	0.00	55	54	97	13	0	0	
04		29.76	0.00	55	53	93	00	0	0	29.67	0.08	60	59	99	17	1	5	29.74	0.00	56	55	97	13	0	0	
07		29.77	0.00	58	56	94	17	0	2	29.67	0.10	60	60	99	18	1	5	29.76	0.00	60	60	99	19	2	2	
10		29.75	0.00	63	60	91	12	0	2	29.69	0.00	60	60	99	29	0	0	29.73	0.00	68	66	92	18	4	10	
13		29.72	0.00	70	61	74	28	1	3	29.71	0.00	59	58	97	03	0	0	29.74	0.00	67	66	96	28	0	7	
16		29.75	0.00	60	54	81	17	1	3	29.73	0.00	64	61	90	07	1	3	29.69	0.00	79	73	82	18	1	8	
19		29.74	0.00	57	55	93	19	4	11	29.74	0.00	68	59	73	00	0	0	29.70	0.00	73	72	96	16	0	5	
22		29.72	0.00	56	55	96	20	1	5	29.78	0.00	57	53	89	01	0	0	29.77	0.00	70	69	98	35	0	0	
JUL 10									JUL 11									JUL 12								
01		29.80	0.00	67	67	99	23	1	2	29.71	0.00	68	64	87	18	3	6	29.67	0.00	62	58	89	18	1	7	
04		29.81	0.00	66	66	99	19	0	0	29.64	0.00	70	68	92	18	3	6	29.71	0.00	56	54	93	20	1	2	
07		29.86	0.00	68	68	100	19	0	5	29.63	0.00	74	70	88	19	2	12	29.76	0.00	56	54	92	27	1	6	
10		29.87	0.00	73	70	91	27	1	4	29.60	0.00	78	72	82	16	2	17	29.77	0.00	66	58	76	28	6	11	
13		29.85	0.00	82	73	74	34	0	5	29.59	0.00	75	73	94	19	3	10	29.76	0.00	70	57	64	28	1	7	
16		29.77	0.00	86	75	70	29	0	3	29.54	0.00	74	71	91	18	2	11	29.73	0.00	74	53	49	27	1	7	
19										29.56	0.43	68	67	96	22	5	17	29.72	0.00	75	54	48	26	0	4	
22		29.75	0.00	75	70	87	29	0	0	29.61	0.00	66	66	99	10	0	0	29.75	0.00	60	53	77	17	0	0	
JUL 13									JUL 14									JUL 15								
01		29.75	0.00	57	51	83	19	1	2	29.85	0.00	53	53	98	24	0	0	29.67	0.00	60	57	91	10	0	0	
04		29.75	0.00	56	51	81	19	2	6	29.86	0.00	51	50	98	15	0	0	29.64	0.00	66	57	73	18	4	11	
07		29.77	0.32	55	54	96	26	5	5	29.90	0.00	54	53	99	18	1	3	29.63	0.00	62	59	90	16	2	7	
10		29.78	0.00	66	58	75	20	2	8	29.88	0.00	66	60	81	18	2	6	29.67	0.00	63	62	96	15	1	11	
13		29.78	0.00	66	59	76	25	3	8	29.83	0.00	71	54	56	18	0	7	29.64	0.00	76	64	67	20	6	13	
16		29.79	0.00	67	56	69	19	1	2	29.78	0.00	72	55	57	17	3	8	29.63	0.00	78	61	56	27	5	11	
19		29.80	0.11	59	56	92	29	0	0	29.76	0.00	65	58	79	16	0	3	29.69	0.00	73	55	53	27	7	14	
22		29.81	0.00	56	55	97	27	0	0	29.73	0.00	60	57	91	10	0	0	29.76	0.00	64	53	68	27	0	2	
JUL 16									JUL 17									JUL 18								
01		29.79	0.00	62	57	82	28	5	5	29.91	0.00	55	51	87	18	1	2	29.92	0.00	60	58	96	00	0	0	
04		29.81	0.00	59	54	82	27	3	7	29.92	0.00	55	49	81	18	3	6	29.90	0.00	62	59	90	22	1	5	
07		29.88	0.00	58	54	85	18	2	5	29.95	0.00	58	52	81	17	2	5	29.91	0.00	62	61	96	00	0	0	
10		29.90	0.00	69	60	73	24	5	10	29.95	0.00	72	57	59	19	4	8	29.90	0.00	65	62	92	18	3	5	
13		29.88	0.00	73	55	52	23	1	11	29.95	0.00	76	57	53	25	3	11	29.88	0.00	65	64	96	20	0	1	
16		29.84	0.00	75	51	44	18	3	8	29.92	0.00	78	59	52	24	3	6	29.82	0.00	69	63	83	09	2	4	
19		29.85	0.00	71	53	54	17	1	6	29.89	0.00	75	55	50	30	0	0	29.77	0.00	70	62	76	13	2	5	
22		29.90	0.00	62	48	61	25	1	6	29.90	0.00	62	56	81	30	0	0	29.77	0.00	62	60	94	18	0	0	

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
Ended: Date	09	09	09	09	09	09	09	09	09	09	09	09
Ended: Time	0720	0720	0720	0720	0720	0720	0720	0720	0720	0720	0720	0720

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 2007: 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								
JUL 19										JUL 20										JUL 21									
01	29.76	0.00	61	60	98	19	1	1	29.56	0.00	61	61	99	35	0	0	29.86	0.00	57	56	97	29	0	2					
04	29.73	0.00	60	60	98	24	1	3	29.53	0.00	61	60	99	35	0	0	29.88	0.00	56	56	98	00	0	0					
07	29.72	0.00	62	62	99	21	0	1	29.54	0.00	62	61	98	19	2	5	29.95	0.00	56	55	98	00	0	0					
10	29.67	0.00	68	64	85	20	2	7	29.57	0.00	63	62	99	29	1	1	30.00	0.00	66	60	81	27	3	7					
13	29.66	0.00	66	65	94	21	0	6	29.60	0.00	68	65	90	29	7	8	30.02	0.00	71	59	65	26	4	4					
16	29.62	0.00	66	64	94	08	0	2	29.64	0.00	65	60	86	28	5	8	30.00	0.00	75	59	57	03	3	8					
19	29.60	0.00	64	63	95	00	0	3	29.74	0.04	58	57	97	03	3	11	30.02	0.00	69	59	70	30	0	0					
22	29.58	0.00	61	61	99	30	0	5	29.82	0.00	58	57	99	29	4	8	30.08	0.00	57	54	90	30	0	0					
JUL 22										JUL 23										JUL 24									
01	30.11	0.00	54	51	90	30	0	0	30.18	0.00	53	52	95	00	0	0	29.95	0.00	65	62	90	10	1	3					
04	30.12	0.00	50	49	94	30	0	0	30.17	0.00	54	52	95	00	0	0	29.95	0.00	62	60	94	24	0	0					
07	30.18	0.00	54	54	98	30	0	0	30.16	0.00	56	56	98	00	0	0	29.98	0.00	59	58	98	24	0	0					
10	30.19	0.00	70	60	71	03	2	3	30.17	0.00	72	60	66	00	1	2	29.96	0.00	73	64	73	16	2	7					
13	30.19	0.00	77	59	55	27	2	6	30.11	0.00	77	58	53	02	0	2	29.94	0.00	77	66	67	21	2	11					
16	30.17	0.00	78	53	43	29	5	11	30.07	0.00	74	61	64	28	1	4	29.91	0.00	82	65	57	18	4	7					
19	30.16	0.00	75	56	53	34	0	0	30.00	0.00	72	64	74	29	0	0	29.94	0.00	76	65	70	19	3	10					
22	30.19	0.00	57	53	87	00	0	1	29.99	0.00	61	59	94	29	0	0	29.99	0.00	68	64	85	21	3	10					
JUL 25										JUL 26										JUL 27									
01	30.02	0.00	66	62	87	17	2	5	30.04	0.00	67	62	84	19	3	6	29.89	0.00	70	66	87	19	0	5					
04	30.04	0.00	64	60	89	17	2	5	30.04	0.00	66	61	84	19	0	5	29.88	0.00	69	67	92	19	2	7					
07	30.08	0.00	62	59	91	18	1	3	30.07	0.00	66	62	85	19	1	5	29.87	0.00	70	66	87	18	1	3					
10	30.09	0.00	76	67	74	12	1	6	30.06	0.00	78	69	74	20	2	7	29.84	0.00	80	71	75	19	2	8					
13	30.08	0.00	80	61	53	21	2	9	30.00	0.00	84	69	61	19	2	8	29.78	0.00	84	70	63	11	4	10					
16	30.04	0.00	84	63	48	19	1	6	29.93	0.00	85	67	56	22	4	10	29.76	0.00	72	62	70	26	6	10					
19	30.01	0.00	80	65	61	17	1	5	29.89	0.00	81	67	62	17	1	6	29.75	0.00	71	64	77	15	0	0					
22	30.03	0.00	68	64	88	14	0	0	29.88	0.00	73	65	76	19	2	5	29.76	0.00	64	62	95	13	0	0					
JUL 28										JUL 29										JUL 30									
01	29.75	0.00	64	64	99	18	1	3	29.83	0.00	66	65	99	25	0	0	29.89	0.00	58	45	61	35	0	0					
04	29.75	0.00	67	64	92	14	1	5	29.86	0.00	63	63	99	33	0	0	29.88	0.00	58	45	61	35	0	0					
07	29.76	0.00	66	63	90	18	3	10	29.91	0.00	59	59	99	33	0	0	29.91	0.00	58	45	61	35	0	0					
10	29.79	0.00	72	65	80	21	4	11	29.94	0.00	68	65	89	28	0	0	29.90	0.00	76	62	61	32	0	0					
13	29.77	0.00	71	67	86	16	0	5	29.91	0.00	78	69	73	31	0	5	29.89	0.00	79	62	55	27	6	10					
16	29.75	0.00	75	71	88	20	2	2	29.86	0.00	80	60	50	28	3	7	29.85	0.00	81	61	51	28	4	8					
19	29.76	0.00	74	66	74	21	2	5	29.89	0.00	75	58	55	28	0	3	29.85	0.00	78	60	54	34	0	5					
22	29.81	0.00	64	63	95	26	0	0	29.93	0.00	73	59	61	35	0	0	29.88	0.00	58	44	59	34	0	0					
JUL 31																													
01	29.88	0.00	58	44	59	34	0	0																					
04	29.87	0.00	56	55	96	34	0	0																					
07	29.90	0.00	58	57	98	14	2	2																					
10	29.88	0.00	76	64	66	15	2	3																					
13	29.85	0.00	80	66	61	26	4	9																					
16																													
19	29.83	0.00	77	65	66	34	0	4																					
22	29.85	0.00	64	62	94	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

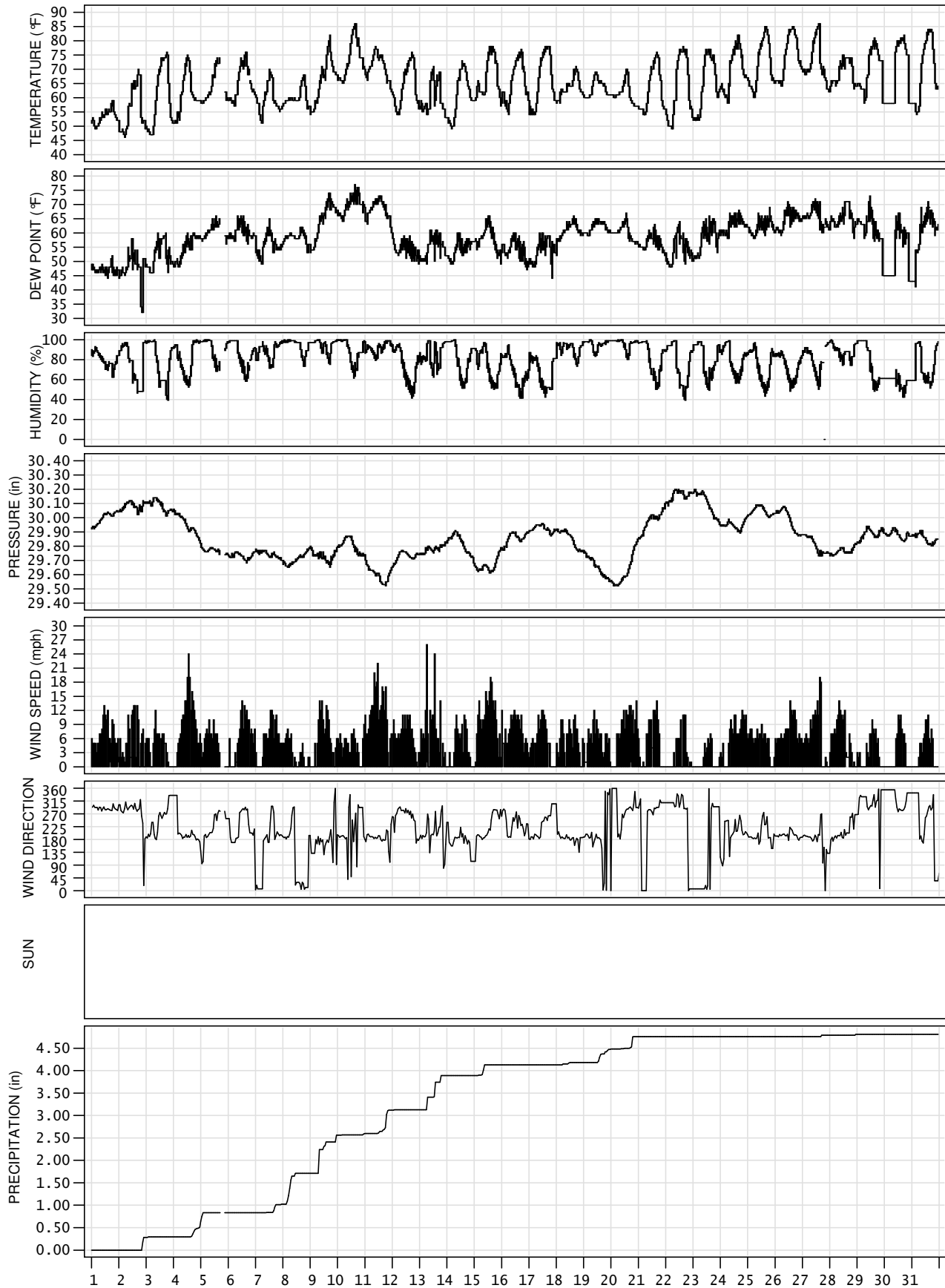
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		29.863	59	56	90	0.8	20	0.5
04		29.857	59	56	91	0.8	20	0.7
07		29.880	60	57	93	1.1	20	0.9
10		29.881	69	62	80	2.2	22	1.4
13		29.865	73	62	70	2.4	25	1.7
16		29.839	73	61	66	2.8	26	1.8
19		29.842	70	59	70	1.5	23	0.8
22		29.859	62	58	87	0.5	22	0.4

HOURLY PRECIPITATION (Water Equivalent) July 2007: Westford

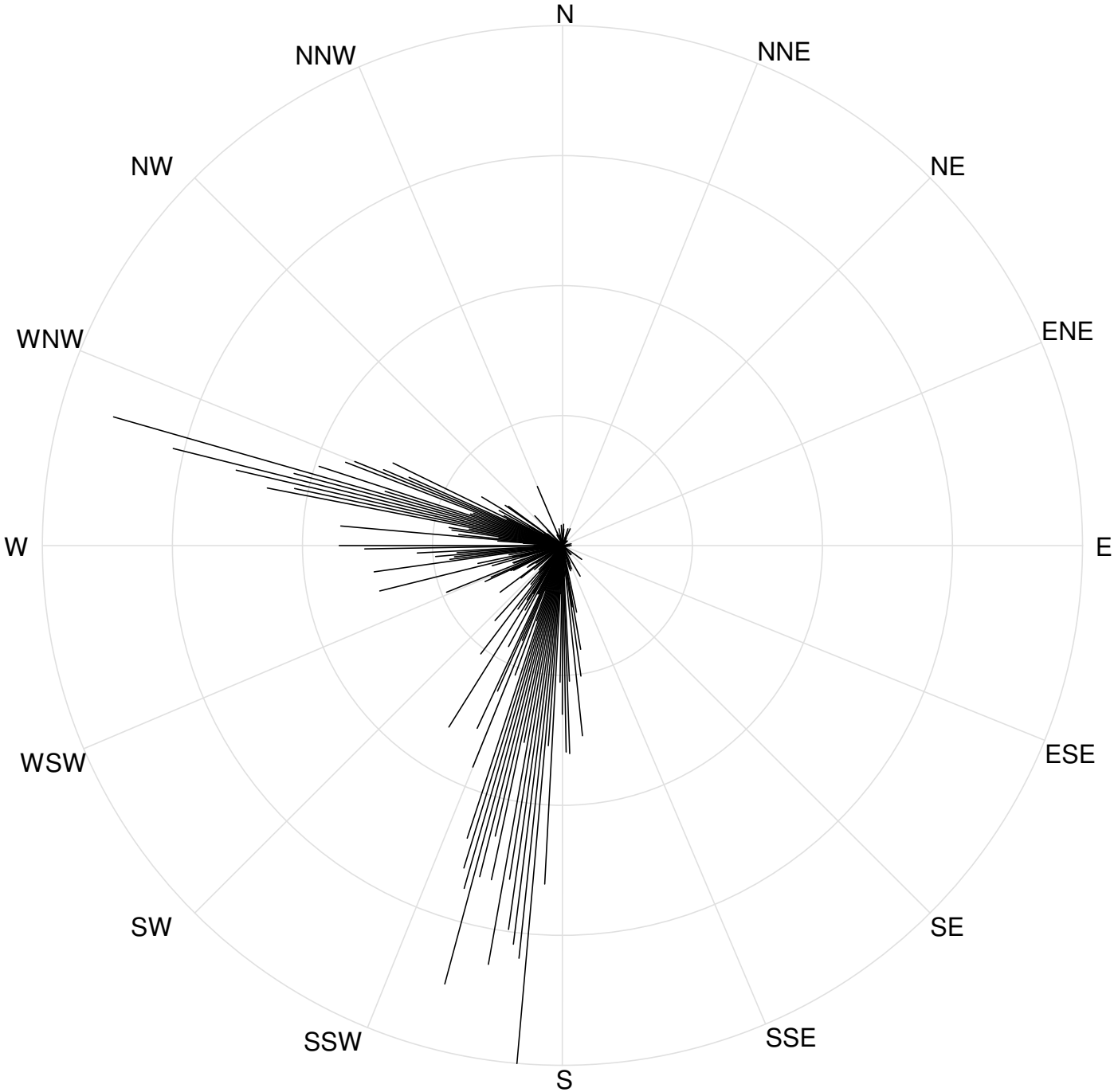
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																					0.18	0.10			02
03		0.01																						03	
04															0.02	0.05	0.06	0.04	0.01	0.01	0.01	0.01	0.02	0.13	04
05	0.11	0.08																							05
06																									06
07									0.01						0.04	0.08	0.05						0.01		07
08				0.07	0.12	0.17	0.18	0.09		0.06															08
09								0.53			0.07	0.02	0.08											0.15	09
10				0.01																			0.02	0.01	10
11											0.01	0.03	0.01		0.02	0.02	0.04	0.29	0.09	0.01					11
12		0.01																							12
13							0.28					0.01	0.32					0.15							13
14																									14
15				0.01			0.01	0.10	0.12																15
16																									16
17																									17
18					0.02					0.02	0.01														18
19												0.03	0.08	0.07	0.01										19
20								0.01			0.01					0.01	0.02	0.22	0.01	0.03	0.02			0.01	20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																0.03									27
28																							0.02		28
29																									29
30																									30
31																									31
Sum	0.11	0.10	0.00	0.09	0.12	0.19	0.47	0.72	0.13	0.01	0.08	0.10	0.09	0.49	0.07	0.09	0.19	0.17	0.75	0.11	0.23	0.13	0.22	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 2007: Westford



Wind Rose: July 2007
Westford



Maximum direction of wind: 31.4 miles from 185°.
1062.1 total miles of wind.