

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

August 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	84.7	60.1	72.4	71.5	63	78	0	8	.....	0	0.00	0.0	29.93	29.80	29.864	0.6	0.5	271	7	S	5	218
2	89.5*	63.9	76.7	77.9	67	69	0	12	.....	0	0.00	0.0	29.92	29.78	29.841	2.0	2.0	198	12	SSW	12	212
3	88.0	73.0	80.5*	79.0	68	69	0	16	..3.....	0	T	0.0	29.85	29.68	29.761	2.5	2.4	205	16	S	13	189	
4	76.8	56.9	66.9	70.7	58	64	0	2	.....	0	0.00	0.0	29.97	29.76	29.858	2.5	2.2	272	13	W	10	276
5	76.3	48.6	62.5	62.7	49	65	2	0	.....	0	0.00	0.0	30.06	29.82	29.962	0.8	0.7	322	8	N	7	356
6	71.6	53.3	62.4	62.1	60	93	2	0	.....	0	0.54	0.0	29.84	29.66	29.725	1.5	1.5	186	14	SSW	12	170
7	82.8	62.0	72.4	70.6	67	89	0	8	.....	0	0.00	0.0	29.86	29.69	29.785	0.4	0.4	272	7	W	5	273
8	80.9	58.1	69.5	69.7	66	89	0	5	.....	0	0.55	0.0	29.80	29.49	29.592	3.2	2.0	232	17	SSW	17	207
9	73.3	49.9	61.6	61.7	53	76	3	0	.....	0	0.00	0.0	29.96	29.80	29.888	1.4	1.2	337	7	WNW	6	0
10	77.9	53.6	65.8	63.7	56	78	0	1	.....	0	0.00	0.0	29.87	29.77	29.835	0.7	0.6	212	11	S	7	169
11	77.9	55.3	66.6	65.6	58	78	0	2	.....	0	0.00	0.0	29.96	29.85	29.911	1.1	0.6	211	10	W	10	300
12	84.5	63.7	74.1	72.6	64	77	0	10	.....	0	T	0.0	29.97	29.76	29.874	1.4	1.3	214	11	SSW	10	242
13	75.3	59.2	67.3	68.8	58	72	0	2	..3.....	0	0.00	0.0	29.83	29.71	29.764	2.4	1.8	282	16	W	13	268	
14	71.8	53.3	62.6	61.2	51	69	2	0	.....	0	0.00	0.0	29.94	29.81	29.868	1.0	0.8	309	10	W	7	308
15	76.1	53.8	64.9	63.2	56	79	0	0	..3.....	0	0.23	0.0	29.87	29.70	29.756	2.3	1.7	217	16	W	11	285	
16	80.1	49.8	64.9	63.0	57	82	0	0	..3.....	0	0.82	0.0	29.87	29.56	29.777	2.2	1.8	199	34	W	20	272	
17	75.6	50.1	62.8	61.5	53	77	2	0	.2.....	0	0.07	0.0	29.84	29.73	29.795	1.9	1.6	266	27	W	13	281	
18	63.5	48.0	55.8	54.4	48	79	9	0	.....	0	0.43	0.0	30.15	29.80	29.997	3.8	3.8	284	28	WSW	16	269
19	67.2	45.3	56.2	55.2	46	74	9	0	.....	0	0.00	0.0	30.17	30.12	30.144	1.3	1.3	285	16	W	8	281
20	68.2	40.6	54.4*	53.6	46	77	10	0	.....	0	0.00	0.0	30.24	30.16	30.206	0.4	0.3	327	11	W	7	280
21	74.3	40.0*	57.2	57.4	47	73	8	0	.....	0	0.00	0.0	30.25	30.15	30.210	0.5	0.3	235	11	W	6	284
22	71.2	44.5	57.8	59.3	47	67	7	0	.....	0	0.00	0.0	30.20	30.12	30.162	1.4	1.4	186	13	S	6	226
23	71.6	60.3	65.9	65.3	58	78	0	1	.....	0	0.34	0.0	30.14	29.92	30.039	4.2	4.2	187	23	S	10	199
24	82.3	66.9	74.6	73.3	67	82	0	10	.....	0	0.03	0.0	29.92	29.76	29.827	4.7	4.6	190	23	S	11	190
25	87.1	70.5	78.8	75.7	70	83	0	14	..3.....	0	0.44	0.0	29.80	29.60	29.706	2.6	2.5	192	20	S	10	181	
26	75.1	57.8	66.4	67.8	62	82	0	2	.....	0	0.01	0.0	30.08	29.69	29.893	1.7	1.4	264	17	SW	9	277
27	77.5	53.3	65.4	63.8	57	81	0	1	.2.....	0	0.00	0.0	30.21	30.08	30.141	0.4	0.2	306	8	WNW	5	281	
28	83.3	49.1	66.2	65.1	55	74	0	1	.....	0	0.00	0.0	30.19	30.03	30.124	0.4	0.4	239	11	W	6	291
29	87.0	57.9	72.5	72.9	62	70	0	8	.....	0	0.00	0.0	30.08	29.90	29.992	2.6	2.4	194	18	W	9	295
30	75.3	55.7	65.5	65.0	61	88	0	1	..3.....	0	0.04	0.0	30.03	29.90	29.954	1.0	0.4	269	14	W	10	283	
31	70.4	51.9	61.2	59.6	55	84	4	0	1.....	0	0.00	0.0	30.06	30.01	30.036	0.8	0.7	319	14	W	8	272	
Sum	Sum	-----	-----	---	----	Ttl	Ttl															---	
2397	1706					58	104		Number of Days		3.50	0.0	30.25	29.49	29.912	1.7	1.1	230	34	W	20	272	
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip		Season Ttl	Date	Date	-----	----	----	---	Date	Date			Avg	
77.3	55.0	66.2	65.6	58	77.3	----	----		≥.01 inch	11	28.26	0.0	21	8	-----	----	----	---	16	16			
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			92	298	Thunder	6	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	2	0.82	16	0.0	-	0						-					
1	0	0	0	----	----	Clear	11	Partly Cloudy			14	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
August 2007: Westford**

Hour	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	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		29.84	0.00	65	64	98	06	0	0	29.86	0.00	67	62	86	20	1	3	29.79	0.00	74	68	80	21	6	6	
04		29.85	0.00	62	61	97	14	0	0	29.82	0.00	68	60	77	21	0	0	29.78	0.00	73	66	79	20	6	6	
07		29.89	0.00	60	59	97	14	0	0	29.88	0.00	68	64	85	19	3	5	29.78	0.00	74	66	78	18	3	3	
10		29.92	0.00	76	70	82	35	0	2	29.88	0.00	79	69	72	19	4	8	29.78	0.00	81	71	71	19	1	7	
13		29.92	0.00	76	70	80	29	4	4	29.85	0.00	87	74	64	25	3	4	29.72	0.00	87	70	57	13	5	8	
16		29.85	0.00	84	63	49	17	2	5	29.80	0.00	89	72	58	18	8	11	29.70	0.00	82	66	59	18	0	0	
19		29.80	0.00	79	65	62	16	0	4	29.78	0.00	85	67	56	18	0	5	29.69	0.00	84	70	63	23	7	7	
22		29.84	0.00	68	60	76	18	0	0	29.81	0.00	77	67	71	18	3	5	29.76	0.00	77	63	63	22	1	1	
AUG 04									AUG 05									AUG 06								
01		29.76	0.00	73	60	63	20	2	2	29.99	0.00	59	52	78	00	0	0	29.83	0.00	53	50	87	23	0	0	
04		29.77	0.00	68	55	63	18	1	1	30.01	0.00	50	46	86	00	0	0	29.76	0.00	53	50	87	23	0	0	
07		29.80	0.00	67	54	63	29	0	0	30.04	0.00	49	48	98	00	0	0	29.74	0.00	64	60	87	20	0	2	
10		29.85	0.00	75	61	62	28	6	9	30.04	0.00	68	50	52	32	0	3	29.69	0.08	61	60	97	17	6	8	
13		29.88	0.00	77	63	64	27	5	5	29.99	0.00	70	47	43	31	6	6	29.69	0.15	63	63	98	21	2	10	
16		29.89	0.00	77	61	59	26	2	2	29.91	0.00	75	50	42	03	0	2	29.67	0.00	67	67	98	18	0	3	
19		29.90	0.00	71	53	53	28	5	8	29.90	0.00	74	46	37	01	0	0	29.67	0.00	72	68	88	26	0	0	
22		29.90	0.00	71	53	53	28	5	8	29.85	0.00	55	50	84	00	0	0	29.75	0.00	62	61	96	14	0	0	
AUG 07									AUG 08									AUG 09								
01		29.75	0.00	62	61	96	14	0	0	29.69	0.00	67	67	98	19	6	6	29.83	0.00	58	52	81	35	5	5	
04		29.76	0.00	62	62	99	20	0	0	29.59	0.00	67	67	98	19	6	6	29.86	0.00	53	51	93	35	2	2	
07		29.81	0.00	66	65	99	19	0	0	29.52	0.00	66	65	98	17	2	2	29.89	0.00	51	49	93	00	0	0	
10		29.84	0.00	70	69	96	25	2	5	29.50	0.00	69	69	100	26	0	5	29.95	0.00	62	61	95	31	2	2	
13		29.84	0.00	78	70	77	28	0	0	29.52	0.00	74	73	97	26	6	6	29.92	0.00	70	55	58	25	2	3	
16		29.76	0.00	82	71	68	28	3	4	29.56	0.00	79	74	84	28	0	0	29.88	0.00	72	58	61	31	0	3	
19		29.76	0.00	76	69	80	04	0	0	29.61	0.00	75	66	74	29	6	6	29.87	0.00	72	55	56	32	0	0	
22		29.76	0.00	69	67	95	12	0	0	29.76	0.00	63	55	73	01	3	6	29.88	0.00	58	53	86	00	0	0	
AUG 10									AUG 11									AUG 12								
01		29.86	0.00	55	52	91	01	0	0	29.86	0.00	59	54	83	19	3	3	29.95	0.00	64	64	98	17	0	0	
04		29.81	0.00	54	50	89	01	0	0	29.85	0.00	58	53	83	21	2	2	29.93	0.00	64	63	98	17	0	0	
07		29.84	0.00	56	52	87	03	5	6	29.93	0.00	55	50	83	16	1	1	29.93	0.00	64	63	96	18	0	0	
10		29.86	0.00	57	53	87	14	0	0	29.93	0.00	55	50	83	17	1	1	29.92	0.00	72	66	83	13	0	8	
13		29.85	0.00	72	62	71	20	2	2	29.91	0.00	75	62	64	29	0	0	29.86	0.00	81	66	60	23	3	11	
16		29.77	0.00	78	61	56	15	0	1	29.90	0.00	76	66	70	00	0	8	29.80	0.00	83	68	62	28	0	3	
19		29.82	0.00	71	60	69	25	0	0	29.89	0.00	78	66	67	30	0	1	29.76	0.00	79	65	63	18	2	5	
22		29.86	0.00	60	55	83	18	0	2	29.96	0.00	63	61	95	31	0	0	29.79	0.00	76	64	66	22	2	6	
AUG 13									AUG 14									AUG 15								
01		29.74	0.00	67	61	81	17	1	1	29.83	0.00	58	51	75	00	1	2	29.78	0.00	55	54	96	20	1	3	
04		29.73	0.00	69	62	79	26	2	2	29.85	0.00	55	47	73	35	0	2	29.75	0.00	58	54	86	16	2	7	
07		29.74	0.00	65	64	95	33	0	0	29.91	0.00	55	48	75	35	0	0	29.70	0.00	60	50	68	18	9	10	
10		29.77	0.00	70	65	83	29	1	3	29.93	0.00	61	52	73	29	3	6	29.71	0.00	59	57	92	19	4	7	
13		29.75	0.00	74	65	72	33	1	5	29.91	0.00	67	53	61	03	0	4	29.71	0.00	73	64	74	26	2	7	
16		29.74	0.00	75	54	48	28	6	11	29.85	0.00	71	53	53	28	1	5	29.75	0.00	74	66	75	29	3	8	
19		29.77	0.00	71	48	45	27	0	4	29.83	0.00	68	54	61	35	0	0	29.78	0.00	74	58	58	26	0	2	
22		29.81	0.00	62	40	45	29	2	3	29.83	0.00	54	52	93	35	0	0	29.84	0.00	60	54	81	26	0	0	
AUG 16									AUG 17									AUG 18								
01		29.86	0.00	54	51	89	23	0	0	29.82	0.00	56	54	94	17	0	0	29.80	0.00	51	48	90	29	2	4	
04		29.86	0.00	54	52	96	23	0	0	29.81	0.00	53	52	95	17	0	0	29.82	0.00	51	48	91	28	5	10	
07		29.85	0.00	54	51	89	19	0	3	29.83	0.00	52	50	95	17	0	0	29.91	0.00	51	49	93	29	8	21	
10		29.80	0.00	66	56	71	15	3	8	29.82	0.00	67	63	86	21	2	9	30.01	0.00	54	51	90	27	4	15	
13		29.71	0.00	76	58	55	19	5	14	29.79	0.00	71	58	63	25	4	7	30.04	0.00	61	53	74	29	3	10	
16		29.56	0.00	79	63	58	15	3	12	29.75	0.00	74	50	42	27	4	17	30.09	0.00	60	50	68	27	2	17	
19		29.72	0.00	70	64	84	09	2	4	29.73	0.00	70	50	50	30	0	0	30.10	0.00	57	44	61	28	4	10	
22		29.77	0.00	62	59	92	17	0	1	29.83	0.00	53	49	89	29	0	6	30.14	0.00	52	44	74	27	2	6	

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.42	0.47	0.50	0.53	0.53	0.53	0.54	0.60	0.60	0.60	0.60	0.60
Ended: Date	08	16	16	16	16	16	16	16	16	16	16	16
Ended: Time	0755	2025	2031	2035	2035	2035	2116	2128	2128	2128	2128	2128

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 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						Direction	Speed	Gust																																																																																																																																																																																	
AUG 19												AUG 20												AUG 21																																																																																																																																																																															
01	30.15	0.00	50	45	85	26	0	0	30.18	0.00	45	43	92	27	0	0	30.24	0.00	44	42	94	01	0	0	04	30.13	0.00	50	45	81	28	0	4	30.19	0.00	42	40	93	27	0	0	30.22	0.00	42	41	94	01	0	0	07	30.15	0.00	49	47	92	25	0	0	30.21	0.00	42	40	94	27	0	0	30.25	0.00	43	41	95	01	0	0	10	30.17	0.00	59	49	70	28	1	6	30.24	0.00	62	51	66	08	0	3	30.24	0.00	63	51	65	07	1	4	13	30.14	0.00	62	50	65	28	5	14	30.21	0.00	67	46	48	29	2	7	30.22	0.00	71	53	54	02	2	5	16	30.13	0.00	67	50	54	27	5	9	30.20	0.00	66	50	56	34	0	4	30.17	0.00	74	53	48	27	1	4	19	30.12	0.00	63	47	55	27	0	3	30.20	0.00	59	50	73	36	0	2	30.16	0.00	67	54	63	06	0	0	22	30.16	0.00	48	44	86	27	0	0	30.22	0.00	47	45	92	01	0	0	30.18	0.00	54	48	79	18	0	1
AUG 22												AUG 23												AUG 24																																																																																																																																																																															
01	30.18	0.00	53	47	81	18	2	3	30.12	0.00	60	49	66	20	3	6	29.91	0.00	67	65	91	18	5	17	04	30.17	0.00	47	45	91	21	0	1	30.08	0.00	61	52	72	20	2	15	29.88	0.00	67	64	90	19	3	15	07	30.20	0.00	45	42	90	13	0	0	30.10	0.00	61	54	78	16	6	14	29.87	0.00	68	65	89	20	6	20	10	30.18	0.00	65	47	51	21	4	6	30.10	0.00	64	57	77	17	7	13	29.84	0.00	70	66	87	20	4	16	13	30.17	0.00	71	47	43	13	2	7	30.04	0.00	69	60	73	18	5	14	29.80	0.00	79	71	76	19	5	21	16	30.13	0.00	68	53	59	18	0	11	29.98	0.00	71	62	74	17	7	18	29.77	0.00	80	71	74	18	5	18	19	30.13	0.00	62	48	60	20	2	6	29.98	0.08	67	63	87	20	4	13	29.78	0.00	80	71	73	22	2	4	22	30.14	0.00	59	51	74	18	1	4	29.94	0.00	67	64	91	17	2	9	29.80	0.00	76	66	73	25	1	4
AUG 25												AUG 26												AUG 27																																																																																																																																																																															
01	29.79	0.00	73	66	77	21	0	2	29.70	0.00	70	66	88	20	0	5	30.08	0.00	60	57	93	25	0	0	04	29.78	0.00	73	70	90	17	2	5	29.73	0.00	70	66	87	23	1	5	30.10	0.00	54	52	94	15	0	0	07	29.76	0.00	72	69	91	18	3	6	29.82	0.00	66	59	78	25	3	7	30.18	0.00	59	57	95	17	0	0	10	29.74	0.00	76	71	83	17	5	16	29.88	0.00	67	63	88	27	3	10	30.21	0.00	62	60	95	27	1	3	13	29.67	0.00	84	74	73	19	5	17	29.93	0.00	71	63	75	32	1	6	30.16	0.00	74	59	59	28	3	6	16	29.64	2.43	79	74	84	31	2	7	29.98	0.00	71	62	75	30	1	4	30.13	0.00	76	58	54	08	2	4	19	29.64	0.00	75	70	85	22	1	5	29.99	0.00	72	62	71	26	0	0	30.13	0.00	71	58	64	29	0	0	22	29.67	0.00	71	67	87	19	1	4	30.05	0.00	58	56	93	26	0	0	30.16	0.00	55	53	29	0	0	
AUG 28												AUG 29												AUG 30																																																																																																																																																																															
01	30.16	0.00	53	52	94	29	0	0	30.07	0.00	62	56	81	20	2	5	29.93	0.00	65	62	92	07	0	0	04	30.16	0.00	52	50	95	29	0	0	30.03	0.00	64	57	79	17	2	5	29.91	0.00	63	60	92	15	0	0	07	30.18	0.00	51	49	95	29	0	0	30.04	0.00	65	59	81	19	5	10	29.91	0.00	68	63	86	17	0	4	10	30.18	0.00	73	62	69	07	0	1	30.03	0.00	75	64	71	19	5	13	29.93	0.09	68	66	92	12	1	4	13	30.14	0.00	78	56	46	22	2	6	29.98	0.00	83	67	60	18	2	7	29.94	0.00	75	69	83	36	0	4	16	30.09	0.00	82	54	38	26	1	5	29.93	0.00	87	67	51	18	3	8	29.97	0.00	63	59	89	35	2	5	19	30.05	0.00	74	61	64	05	0	0	29.97	0.00	72	65	78	33	0	2	30.00	0.00	60	57	90	31	0	4	22	30.05	0.00	60	55	86	10	0	0	29.97	0.00	72	65	78	33	0	2	30.02	0.00	58	56	93	33	0	2
AUG 31																																																																																																																																																																																																							
01	30.02	0.00	57	55	95	01	0	2																04	30.02	0.00	56	54	95	00	1	4																07	30.03	0.00	56	54	95	01	0	3																10	30.05	0.00	59	56	92	01	2	5																13	30.03	0.00	67	59	75	27	1	6																16	30.03	0.00	69	52	55	00	3	11																19	30.04	0.00	64	54	70	01	0	0																22	30.04	0.00	54	52	93	32	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

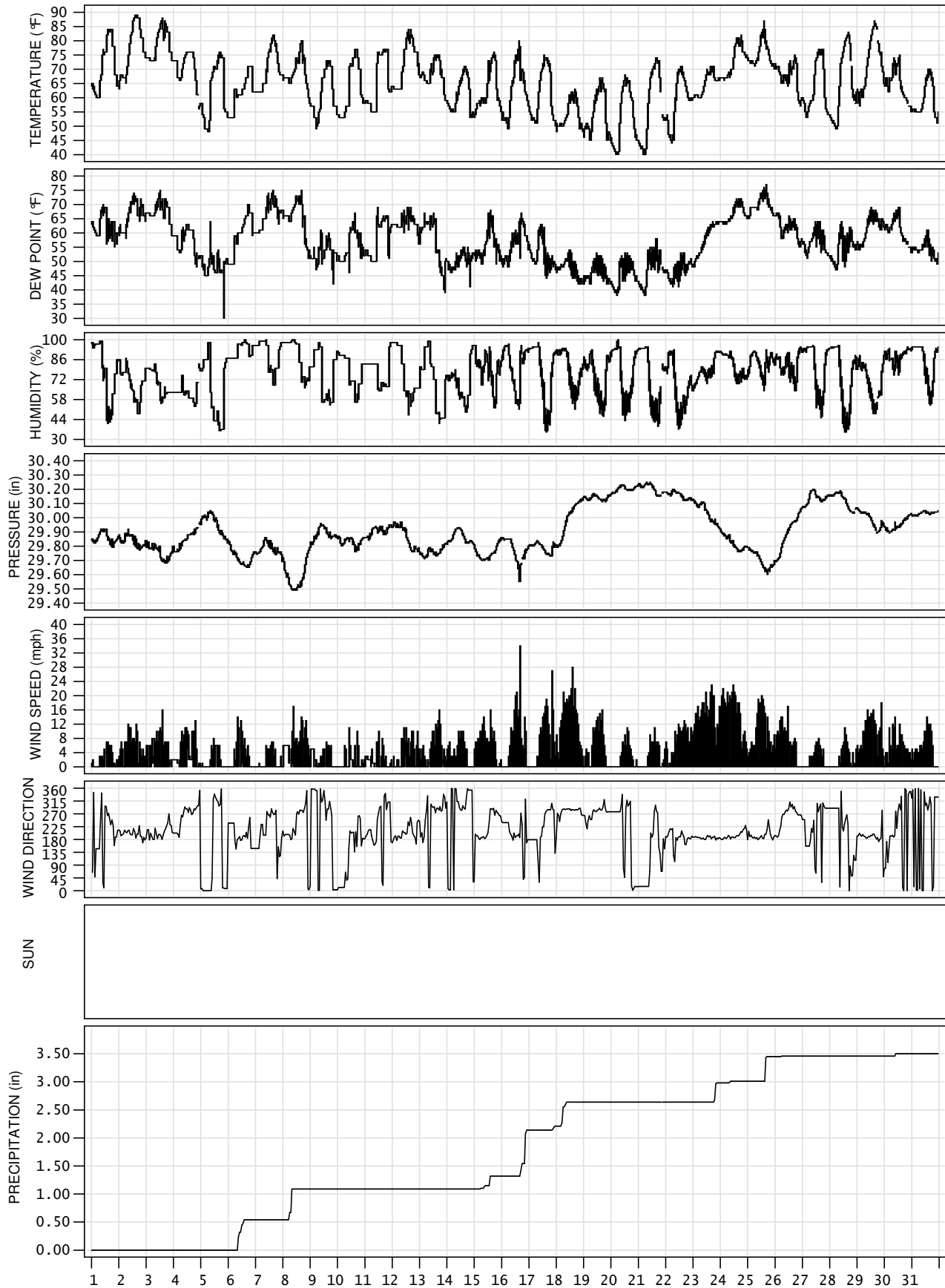
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		29.916	60	56	87	1.3	21	0.8
04		29.903	58	55	88	1.2	21	0.8
07		29.926	59	55	88	1.7	20	1.0
10		29.935	67	60	80	2.3	21	1.4
13		29.913	74	61	67	2.8	25	1.7
16		29.883	75	61	62	2.2	24	1.0
19		29.887	71	59	66	1.2	25	0.9
22		29.922	62	56	83	0.6	23	0.3

HOURLY PRECIPITATION (Water Equivalent) August 2007: Westford

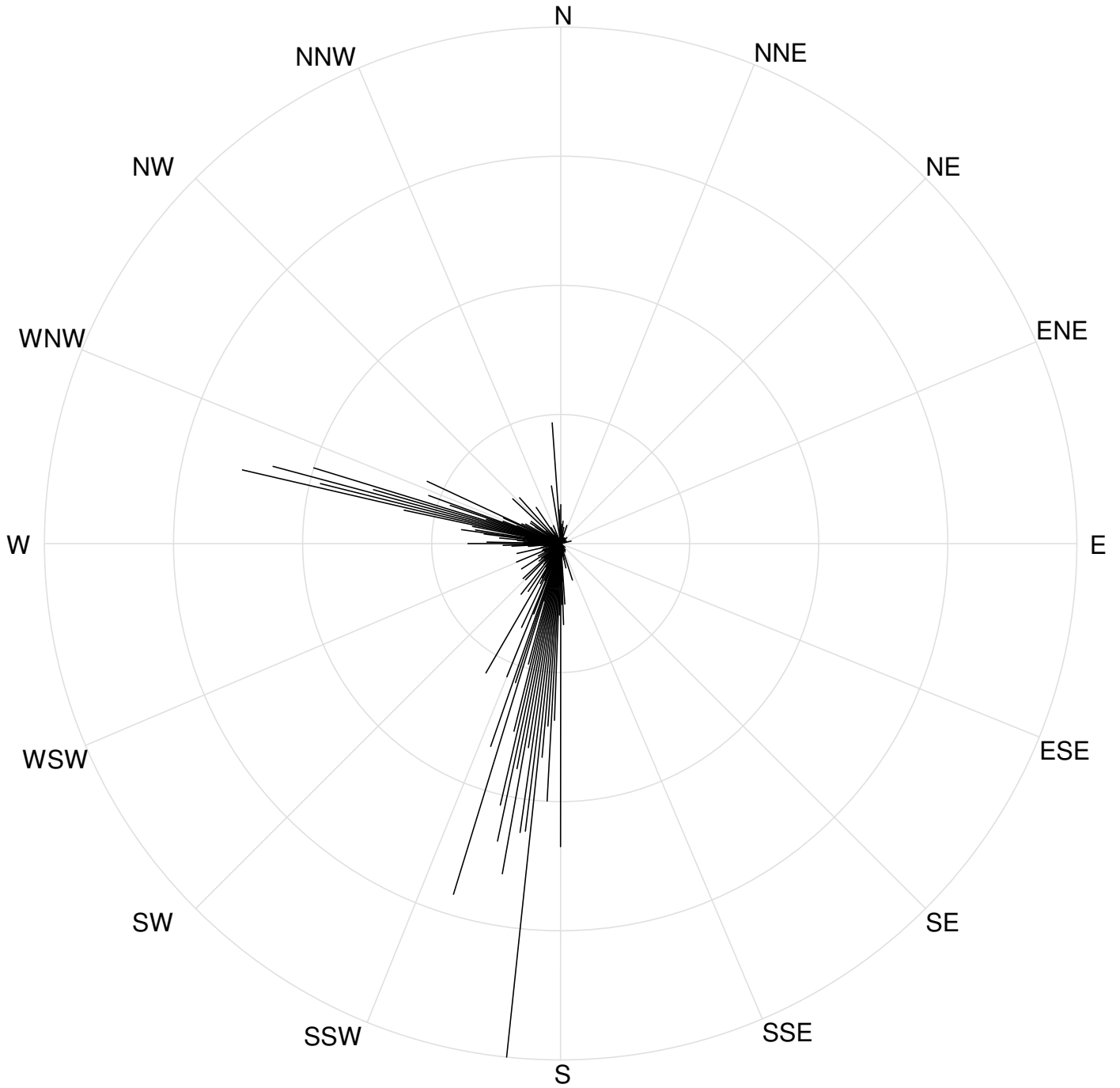
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03																									03
04																									04
05																									05
06																									06
07																									07
08																									08
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29																									29
30																									30
31																									31
Sum	0.00	0.00	0.00	0.00	0.06	0.43	0.01	0.46	0.35	0.13	0.00	0.12	0.03	0.24	0.00	0.43	0.11	0.12	0.03	0.30	0.56	0.10	0.02	0.00	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 2007: Westford



Wind Rose: August 2007
Westford



Maximum direction of wind: 61.9 miles from 186°.
1289.6 total miles of wind.