

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### June 2008

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
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	64.3	53.9	59.1	57.3	52	84	6	0	.....	0	0.04	0.0	29.73	29.55	29.624	3.9	3.5	242	26	SW	16	272	
2	72.4	53.9	63.2	60.7	53	76	2	0	..3.....	0	0.15	0.0	29.88	29.73	29.782	1.8	1.5	256	16	S	10	284	
3	66.1	51.1	58.6	57.2	54	89	6	0	.....	0	0.29	0.0	29.92	29.82	29.871	0.9	0.4	231	14	WNW	6	273	
4	63.4	54.3	58.9	58.2	56	92	6	0	.....	0	0.19	0.0	29.90	29.83	29.855	0.4	0.3	44	6	ENE	3	76	
5	70.2	50.9	60.5	61.4	56	84	4	0	.....	0	0.00	0.0	30.06	29.90	30.002	0.7	0.4	189	12	S	5	187	
6	64.3	57.6	61.0	60.8	58	91	4	0	.....	0	1.34	0.0	30.05	29.97	29.999	4.0	4.0	181	23	S	13	188	
7	89.2	61.6	75.4	75.3	65	72	0	11	.....	0	0.00	0.0	30.00	29.80	29.879	5.1	4.3	219	21	W	12	273	
8	88.0	63.0	75.5	76.4	66	70	0	11	.....	0	T	0.0	29.85	29.66	29.753	2.6	2.2	220	15	S	10	285	
9	87.1	66.3	76.7	75.8	69	79	0	12	.....	0	0.10	0.0	29.77	29.69	29.739	1.1	0.7	226	10	WSW	6	267	
10	89.9*	64.9	77.4*	75.4	68	78	0	13	..3.....	0	0.83	0.0	29.81	29.59	29.756	2.1	1.9	203	32	SSW	19	272	
11	76.6	58.0	67.3	66.7	57	72	0	3	.....	0	0.00	0.0	30.07	29.78	29.926	3.2	2.7	257	19	NW	12	290	
12	71.3	45.8	58.6	59.5	47	66	6	0	.....	0	0.00	0.0	30.29	30.07	30.224	1.9	1.8	306	16	W	11	287	
13	81.4	45.4*	63.4	64.1	50	64	2	0	.....	0	0.00	0.0	30.26	30.02	30.165	0.8	0.8	201	11	SW	5	167	
14	82.4	61.8	72.1	71.9	63	74	0	7	..3.....	0	0.30	0.0	30.02	29.80	29.889	1.7	1.6	194	14	S	7	285	
15	81.2	58.1	69.6	70.1	62	77	0	5	..3.....	0	0.26	0.0	29.82	29.69	29.762	1.2	0.9	272	14	SSE	7	280	
16	74.5	54.9	64.7	62.7	59	89	0	0	..3.....	0	0.16	0.0	29.72	29.58	29.653	0.9	0.7	168	22	ESE	11	193	
17	70.3	54.3	62.3	60.9	56	85	3	0	.....	0	0.04	0.0	29.67	29.60	29.633	1.9	1.5	226	19	W	11	286	
18	67.8	47.2	57.5	57.1	50	79	7	0	.....	0	0.05	0.0	29.74	29.63	29.669	2.1	1.8	223	16	W	9	198	
19	66.5	48.8	57.6	56.4	53	88	7	0	.....	0	0.27	0.0	29.89	29.73	29.796	1.7	1.6	203	23	W	12	278	
20	64.9	47.4	56.2*	56.1	53	91	9	0	.....	0	0.08	0.0	29.96	29.88	29.913	0.8	0.8	200	13	S	8	185	
21	74.4	49.4	61.9	62.3	56	80	3	0	.....	0	0.06	0.0	30.01	29.90	29.962	1.8	1.7	204	15	W	8	221	
22	73.8	57.8	65.8	64.8	59	81	0	1	..3.....	0	0.98	0.0	29.92	29.83	29.881	2.5	2.4	191	29	SSW	15	266	
23	74.6	54.4	64.5	63.9	60	89	0	0	..3.....	0	0.08	0.0	29.92	29.83	29.875	1.5	1.2	224	17	SSW	10	283	
24	71.2	52.3	61.7	61.6	57	84	3	0	..3.....	0	0.00	0.0	30.05	29.88	29.948	2.0	1.9	286	18	W	11	287	
25	79.2	54.1	66.6	66.6	55	69	0	2	.....	0	0.00	0.0	30.10	29.90	30.018	2.1	1.9	228	16	SSW	10	281	
26	72.1	58.6	65.3	65.6	59	78	0	1	.....	0	0.00	0.0	29.90	29.70	29.788	3.9	3.9	194	19	SSW	11	203	
27	82.6	61.6	72.1	70.0	65	85	0	8	.....	0	0.03	0.0	29.80	29.73	29.758	1.1	0.7	219	13	S	6	195	
28	78.8	60.2	69.5	69.0	65	86	0	5	.....	0	0.01	0.0	29.80	29.69	29.756	1.5	1.5	172	16	SSE	7	180	
29	81.8	61.9	71.9	72.0	65	81	0	7	.....	0	0.50	0.0	29.73	29.59	29.674	2.8	2.6	200	25	W	14	288	
30	79.6	61.2	70.4	68.8	60	77	0	6	.....	0	0.06	0.0	29.74	29.59	29.654	1.5	1.3	257	15	WNW	9	298	
Sum	Sum	-----	-----	---	----	Ttl	Ttl						For the month:										---
2260	1671					68	92		Number of Days		5.82	0.0	30.29	29.55	29.840	2.0	1.5	219	32	SSW	19	272	
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip		Season Ttl	Date	Date	-----	----	----	---	Date	Date			Avg	
75.3	55.7	65.5	65.0	58	80.4	----	----		≥.01 inch	21	21.09	121.6	12	1	-----	----	----	---	10	10			
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			7509	95	Thunder	8	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	1.34	6	0.0	-				0			-					
1	0	0	0	----	----	Clear	9	Partly Cloudy			12	Cloudy			9								

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/m<sup>2</sup> 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  
June 2008: Westford**

Hour	JUN 01									JUN 02									JUN 03								
	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	29.56	0.00	56	54	93	19	0	2	29.73	0.00	55	51	88	22	5	11	29.84	0.00	56	54	93	17	1	5			
04	29.56	0.00	57	55	94	20	1	8	29.73	0.00	54	51	88	21	1	7	29.83	0.00	51	49	93	20	1	3			
07	29.57	0.00	58	56	94	18	2	10	29.76	0.00	55	50	85	27	0	2	29.84	0.00	56	54	94	21	1	4			
10	29.61	0.00	62	49	62	27	16	24	29.81	0.00	58	52	79	27	2	6	29.88	0.00	65	53	66	25	2	7			
13	29.64	0.00	62	50	66	24	8	18	29.80	0.00	66	55	67	29	4	8	29.91	0.00	61	55	80	02	0	3			
16	29.66	0.00	55	51	86	23	3	9	29.79	0.00	71	55	58	27	4	12	29.92	0.00	57	53	86	35	0	2			
19	29.68	0.00	55	50	85	21	2	6	29.78	0.00	70	56	62	01	0	1	29.89	0.00	56	54	92	00	2	6			
22	29.72	0.00	55	51	88	21	2	7	29.83	0.00	61	53	73	19	2	6	29.88	0.00	55	53	94	03	0	2			
JUN 04									JUN 05									JUN 06									
01	29.86	0.00	54	53	94	00	1	5	29.92	0.00	55	54	95	07	0	0	30.04	0.00	62	56	81	19	3	13			
04	29.84	0.00	55	53	95	07	1	3	29.93	0.00	54	53	96	06	0	0	30.00	0.19	59	56	92	19	1	8			
07	29.84	0.00	55	54	95	01	0	3	29.98	0.00	56	54	96	09	0	0	30.00	0.05	58	56	93	16	6	16			
10	29.86	0.00	58	57	96	11	0	0	30.01	0.00	65	57	76	12	0	2	30.00	0.08	59	57	94	18	6	14			
13	29.85	0.00	61	58	90	02	0	2	30.03	0.00	65	59	82	26	1	5	30.00	0.00	62	59	90	18	10	20			
16	29.85	0.00	62	59	88	05	1	3	30.05	0.00	67	59	74	20	2	4	29.99	0.00	64	60	89	20	5	20			
19	29.85	0.00	61	58	89	02	0	3	30.03	0.00	68	58	70	15	2	9	29.97	0.00	64	61	89	17	2	7			
22	29.90	0.00	59	57	93	17	0	4	30.04	0.00	62	55	80	17	3	10	30.00	0.00	62	60	94	04	0	1			
JUN 07									JUN 08									JUN 09									
01	29.98	0.00	63	62	95	19	4	10	29.84	0.00	66	60	79	18	0	3	29.71	0.00	68	65	91	19	0	2			
04	29.93	0.00	64	63	95	19	5	13	29.83	0.00	65	59	81	19	1	5	29.72	0.00	70	66	87	19	0	2			
07	29.92	0.00	66	64	94	20	3	12	29.82	0.00	68	62	83	21	1	6	29.73	0.00	70	68	94	20	1	4			
10	29.90	0.00	76	71	84	18	4	18	29.76	0.00	79	69	71	21	4	9	29.76	0.00	73	68	87	23	3	10			
13	29.84	0.00	86	73	66	20	5	14	29.73	0.00	85	71	62	22	4	12	29.76	0.00	79	71	75	28	4	7			
16	29.81	0.00	88	62	41	25	11	19	29.67	0.00	87	70	57	24	4	10	29.74	0.00	85	73	67	35	1	4			
19	29.81	0.00	84	62	47	27	6	14	29.68	0.00	86	67	53	29	2	7	29.75	0.00	85	72	66	19	0	3			
22	29.84	0.00	74	59	59	18	2	9	29.73	0.00	79	66	66	23	2	7	29.77	0.00	76	68	76	19	3	7			
JUN 10									JUN 11									JUN 12									
01	29.75	0.00	80	66	63	23	6	12	29.80	0.00	65	62	91	19	4	10	30.09	0.00	58	53	82	30	0	5			
04	29.77	0.00	71	65	82	19	1	2	29.86	0.00	62	57	84	23	3	8	30.15	0.00	55	49	83	02	1	5			
07	29.81	0.00	75	69	81	21	0	1	29.93	0.00	61	56	84	25	1	6	30.23	0.00	52	48	85	29	1	5			
10	29.80	0.00	85	73	67	20	3	7	29.94	0.00	69	57	65	22	5	10	30.27	0.00	61	46	57	29	3	14			
13	29.75	0.00	89	71	55	19	2	11	29.93	0.00	74	63	69	24	3	10	30.26	0.00	66	47	50	29	3	15			
16	29.71	0.00	69	65	89	08	1	5	29.92	0.00	73	57	59	26	3	13	30.25	0.00	70	50	49	30	2	6			
19	29.64	0.00	74	68	82	18	0	3	29.95	0.00	70	56	61	29	1	6	30.24	0.00	69	46	44	29	2	4			
22	29.75	0.04	66	64	83	19	2	6	30.03	0.00	61	53	76	31	0	3	30.25	0.00	48	43	82	34	0	0			
JUN 13									JUN 14									JUN 15									
01	30.25	0.00	47	43	87	34	0	0	29.99	0.00	66	51	59	19	1	7	29.80	0.00	67	65	95	20	0	2			
04	30.22	0.00	49	45	87	34	0	1	29.96	0.00	68	56	66	18	4	11	29.78	0.00	65	64	95	20	0	2			
07	30.26	0.00	54	49	83	36	0	0	29.93	0.00	69	59	71	19	3	6	29.79	0.00	66	64	95	20	0	4			
10	30.24	0.00	69	47	46	15	3	7	29.90	0.00	76	64	66	15	3	7	29.80	0.00	71	63	77	29	3	7			
13	30.18	0.00	76	51	41	23	1	5	29.88	0.00	78	68	71	22	1	6	29.77	0.00	78	62	59	28	4	11			
16	30.09	0.00	78	58	50	20	0	3	29.83	0.00	79	69	73	20	1	3	29.74	0.00	81	61	52	28	1	7			
19	30.04	0.00	79	54	43	10	0	5	29.81	0.00	73	67	82	07	1	4	29.70	0.00	77	61	59	03	0	1			
22	30.06	0.00	60	53	80	13	0	0	29.84	0.10	67	64	92	11	0	1	29.75	0.00	60	57	91	22	1	6			
JUN 16									JUN 17									JUN 18									
01	29.70	0.00	56	55	94	02	0	3	29.64	0.00	61	57	88	21	3	11	29.65	0.00	55	48	77	27	4	10			
04	29.68	0.00	58	57	95	13	1	4	29.61	0.00	57	55	93	18	3	6	29.64	0.00	51	47	85	18	0	1			
07	29.68	0.00	60	58	95	20	0	0	29.62	0.00	58	56	94	19	3	8	29.65	0.00	51	48	88	19	4	7			
10	29.67	0.00	61	60	94	19	0	5	29.64	0.00	67	59	77	23	6	11	29.66	0.00	61	50	67	17	3	9			
13	29.66	0.00	69	63	82	18	0	6	29.61	0.00	66	58	76	19	5	11	29.66	0.00	65	51	61	14	5	10			
16	29.60	0.00	74	64	71	09	0	5	29.63	0.00	65	56	73	26	1	4	29.67	0.00	68	52	57	28	6	11			
19	29.60	0.15	64	61	89	15	6	22	29.65	0.00	60	57	87	05	0	0											
22	29.63	0.00	61	59	94	17	1	4	29.67	0.00	57	54	91	22	0	0	29.73	0.00	53	50	90	11	0	0			

**MAXIMUM SHORT DURATION PRECIPITATION**

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.42	0.73	0.82	0.95	0.97	0.97	0.97	0.97	0.97	0.97	1.18	1.24
Ended: Date	22	22	22	22	22	22	22	22	22	22	06	06
Ended: Time	2033	2037	2037	2043	2043	2043	2043	2043	2043	2043	0633	0639

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

## June 2008: Westford

Hour	JUN 19									JUN 20									JUN 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		29.73	0.00	53	51	94	11	0	0	29.89	0.00	53	51	95	17	0	1	29.96	0.00	51	49	94	17	0	0		
04		29.75	0.00	50	48	94	12	0	0	29.89	0.00	49	47	95	18	0	2	29.97	0.00	52	51	95	19	0	4		
07		29.77	0.00	54	52	94	19	2	9	29.91	0.00	52	51	95	18	0	0	30.00	0.00	57	56	96	17	0	4		
10		29.79	0.00	58	52	82	20	5	12	29.92	0.16	57	54	90	18	1	5	30.01	0.00	64	59	84	19	2	9		
13		29.80	0.00	63	55	75	19	7	19	29.92	0.00	61	58	88	22	2	6	29.98	0.00	72	58	61	27	1	10		
16		29.82	0.13	55	52	91	15	0	5	29.90	0.00	63	56	78	19	2	6	29.95	0.00	73	59	62	22	8	14		
19		29.83	0.00	60	56	88	09	1	3	29.92	0.00	62	57	86	23	0	2	29.91	0.00	71	58	62	20	2	7		
22		29.86	0.00	53	52	94	08	0	1	29.94	0.00	54	52	92	16	0	0	29.94	0.00	62	55	77	18	2	5		
JUN 22									JUN 23									JUN 24									
01		29.91	0.00	60	54	82	18	0	3	29.89	0.00	59	58	95	20	1	6	29.90	0.00	54	52	95	03	0	0		
04		29.88	0.00	58	54	87	19	2	6	29.88	0.00	60	58	95	19	2	6	29.88	0.00	53	52	95	03	0	0		
07		29.90	0.00	63	57	80	18	1	4	29.88	0.00	61	59	95	22	0	0	29.93	0.00	58	57	96	19	2	4		
10		29.89	0.00	65	60	83	12	1	4	29.86	0.00	64	62	94	30	0	3	29.94	0.00	66	59	77	20	1	5		
13		29.89	0.00	68	59	75	18	6	18	29.86	0.00	74	65	73	19	3	11	29.95	0.00	65	62	88	29	0	4		
16		29.84	0.00	72	61	70	19	10	17	29.84	0.00	66	63	89	29	3	12	29.95	0.00	70	62	75	28	3	13		
19		29.84	0.00	71	62	72	19	0	4	29.85	0.00	69	61	76	34	1	3	29.97	0.00	68	59	72	28	3	15		
22		29.90	0.00	60	58	93	13	0	0	29.90	0.00	57	54	92	01	0	0	30.03	0.00	61	55	83	30	1	5		
JUN 25									JUN 26									JUN 27									
01		30.05	0.00	56	52	89	20	0	5	29.89	0.00	61	52	72	20	1	5	29.74	0.00	64	62	93	19	5	11		
04		30.06	0.00	55	53	92	19	0	3	29.86	0.00	59	51	74	18	3	7	29.73	0.00	63	61	94	19	0	3		
07		30.08	0.00	57	55	92	20	2	5	29.84	0.00	62	54	73	17	2	10	29.75	0.00	66	64	95	21	1	6		
10		30.09	0.00	70	59	69	21	2	9	29.81	0.00	70	59	68	18	5	16	29.77	0.00	70	67	91	08	1	3		
13		30.04	0.00	77	61	59	29	4	10	29.77	0.00	70	62	75	21	7	17	29.77	0.00	78	68	72	05	2	6		
16		29.97	0.00	78	58	51	27	7	15	29.73	0.00	70	63	81	19	6	16	29.75	0.00	78	68	72	29	0	4		
19		29.94	0.00	76	54	47	23	0	3	29.72	0.00	69	64	85	18	3	10	29.77	0.00	76	67	74	28	0	0		
22		29.94	0.00	68	53	60	19	1	7	29.73	0.00	65	62	91	19	3	6	29.79	0.00	66	63	89	18	0	0		
JUN 28									JUN 29									JUN 30									
01		29.80	0.00	63	62	95	18	0	0	29.71	0.00	66	63	90	18	3	5	29.60	0.00	62	60	94	19	0	2		
04		29.80	0.00	62	60	95	18	0	0	29.67	0.00	67	64	91	19	2	7	29.61	0.00	62	61	95	18	2	5		
07		29.80	0.00	66	65	96	18	0	0	29.70	0.00	66	65	94	20	2	5	29.65	0.00	63	61	95	21	0	3		
10		29.78	0.00	77	69	77	14	2	10	29.71	0.00	74	70	87	19	5	12	29.67	0.00	70	63	80	23	3	7		
13		29.77	0.00	75	68	80	13	0	5	29.73	0.00	79	70	74	25	2	8	29.68	0.00	75	61	62	28	3	10		
16		29.72	0.00	71	67	85	15	1	11	29.65	0.00	81	67	62	18	4	14	29.65	0.00	79	61	55	25	1	6		
19		29.69	0.00	70	64	82	14	2	10	29.63	0.00	74	66	75	17	0	4	29.65	0.00	78	58	50	23	0	1		
22		29.72	0.00	68	63	83	17	3	9	29.61	0.00	69	63	81	18	0	1	29.71	0.00	63	59	88	29	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		29.842	60	56	88	1.4	21	1.2
04		29.833	58	55	90	1.1	19	0.9
07		29.853	60	57	90	1.3	20	1.2
10		29.858	67	59	77	3.1	22	2.3
13		29.847	71	61	71	3.3	22	2.3
16		29.823	71	60	70	3.1	24	2.3
19		29.821	70	60	71	1.3	22	0.5
22		29.849	62	57	85	1.0	19	0.9

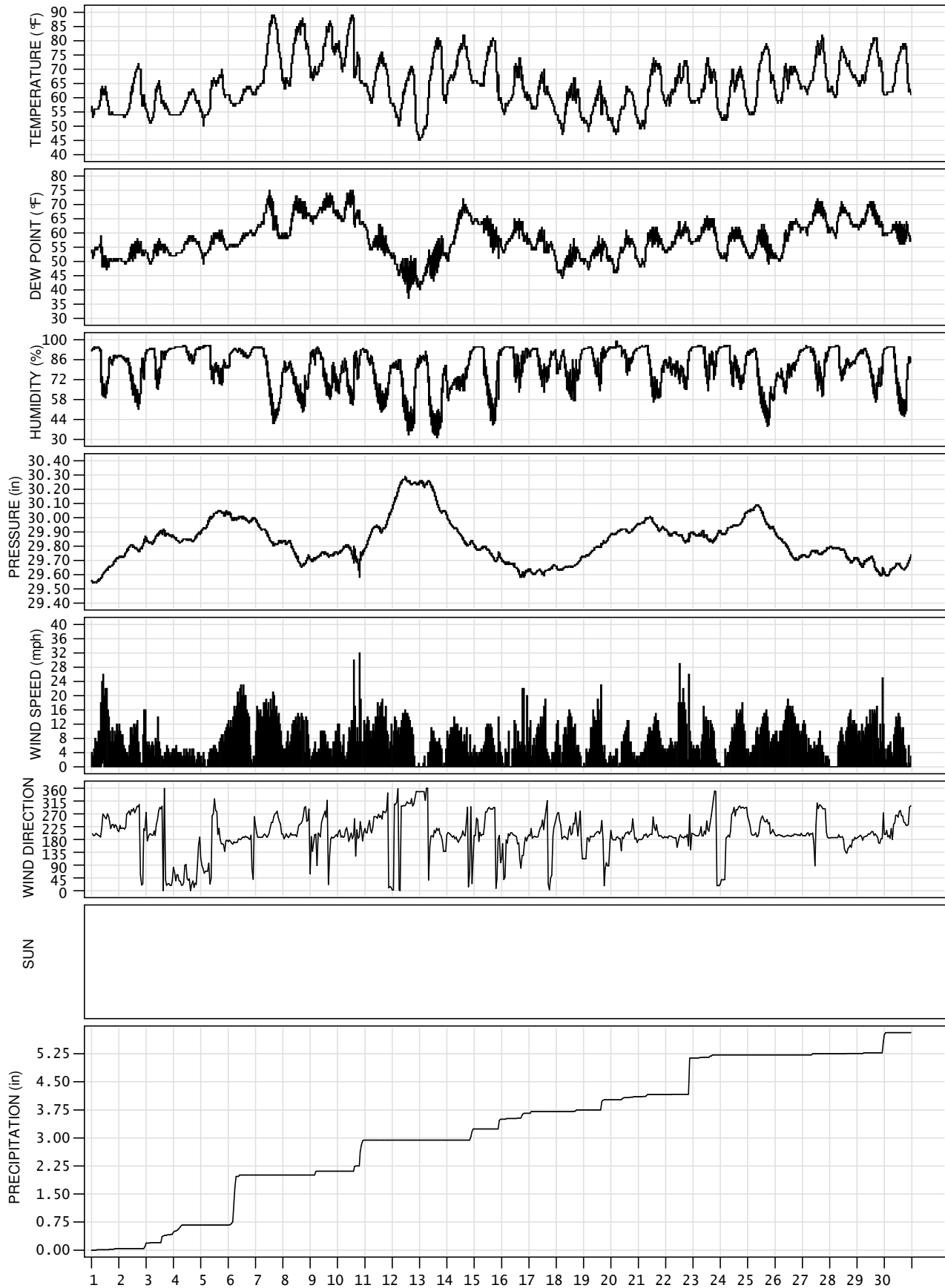
## HOURLY PRECIPITATION (Water Equivalent) June 2008: Westford

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					0.01										0.01				0.01	0.01				01	
02																						0.05	0.10	02	
03				0.01										0.16	0.02	0.01	0.01						0.06	03	
04	0.02	0.01	0.01	0.03	0.03	0.04	0.04	0.01											0.01		0.01			04	
05																								05	
06																								06	
07		0.01	0.03	0.05	0.51	0.41	0.29			0.04														07	
08																								08	
09					0.09	0.01																		09	
10															0.13	0.01				0.39	0.17	0.11	0.02	10	
11																								11	
12																								12	
13																								13	
14																					0.09	0.14	0.07	14	
15																					0.23	0.03		15	
16				0.01	0.01										0.01			0.08	0.04	0.01				16	
17		0.04																						17	
18															0.01		0.02	0.02						18	
19																0.23	0.03	0.01						19	
20										0.03	0.02	0.01								0.01				20	
21				0.01			0.01	0.04																21	
22						0.01															0.97			22	
23					0.01				0.01						0.03		0.03							23	
24																								24	
25																								25	
26										0.03														26	
27																								27	
28															0.01									28	
29						0.02																0.30	0.18	29	
30	0.05	0.01																						30	
Sum	0.07	0.07	0.04	0.11	0.65	0.50	0.34	0.05	0.04	0.07	0.02	0.01	0.00	0.17	0.20	0.26	0.10	0.11	0.05	0.42	1.24	0.49	0.47	0.34	Sum

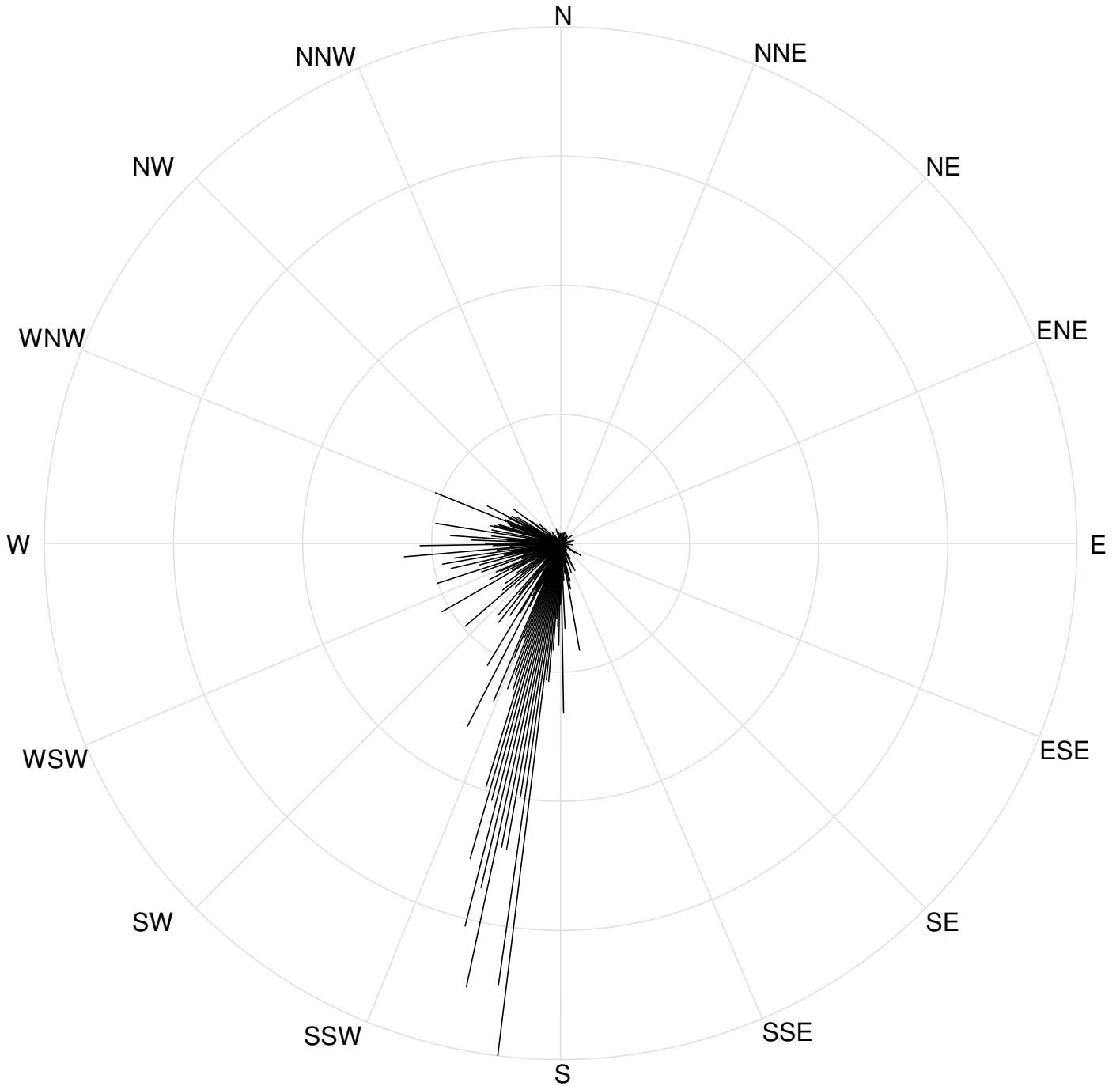
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

# HOUR-BY-HOUR DATA

## June 2008: Westford



Wind Rose: June 2008  
**Westford**



Maximum direction of wind: 59.8 miles from 187°.  
1433.7 total miles of wind.