

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

July 2005

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

Date	Temperature					Humidity	Deq F		Days F	Precip Ty	Snow Cvr	Precip		Pressure			Wind					Sun				
	Maximum	Minimum	Average	Mean	Dew Point		Mean	Heating Base				Cooling Base	Water Equivalent	Ice Pellets Snow	Adj. to Sea Level			Avg	Res	Res	Peak		Minute		Mean Index	
															Maximum	Minimum	Mean				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	83.4	66.3	74.9	73.7	67	81	0	9	..3.....	0	0.00	0.0	29.72	29.46	29.597	4.7	3.8	126	29	E	0	0				
2	71.6	53.5	62.5	63.2	54	73	3	0	.....	0	0.00	0.0	29.97	29.55	29.799	2.6	2.3	284	18	NW	3	295			
3	79.0	49.1	64.0	65.7	54	69	1	0	.....	0	0.00	0.0	30.11	29.97	30.039	1.3	0.8	209	18	S	0	0			
4	82.2	61.0	71.6	71.4	60	67	0	6	.....	0	0.00	0.0	30.09	29.90	29.994	3.6	3.2	184	21	SSW	1	191			
5	79.8	64.8	72.3	70.3	64	82	0	7	..3.....	0	1.63	0.0	29.91	29.75	29.823	3.6	3.1	186	25	WNW	4	86				
6	74.0	59.5	66.8	66.1	62	87	0	1	.....	0	0.03	0.0	30.02	29.80	29.921	0.9	0.8	354	14	N	0	0			
7	76.3	57.2	66.8	65.6	61	86	0	1	.....	0	0.00	0.0	30.08	30.01	30.051	0.3	0.3	338	10	WNW	0	0			
8	73.9	56.7	65.3	65.1	60	84	0	0	.....	0	T	0.0	30.09	29.94	30.037	0.4	0.2	180	7	ESE	0	0			
9	61.6	57.3	59.4*	59.6	59	98	6	0	.....	0	1.97	0.0	29.94	29.82	29.859	0.9	0.7	309	14	WSW	0	301			
10	84.3	54.1	69.2	70.0	62	78	0	4	.....	0	0.00	0.0	29.92	29.83	29.870	1.5	1.1	264	12	W	0	0			
11	85.3	63.1	74.2	74.8	66	75	0	9	.....	0	0.00	0.0	29.93	29.83	29.881	1.1	0.5	308	16	N	0	0			
12	88.6*	56.6	72.6	73.0	63	74	0	7	.....	0	0.00	0.0	29.99	29.90	29.941	0.2	0.1	242	10	WNW	0	0			
13	85.1	61.5	73.3	73.7	67	80	0	8	.....	0	0.00	0.0	29.92	29.83	29.880	2.3	1.7	205	13	S	0	0			
14	82.4	67.8	75.1	73.5	69	87	0	10	.....	0	0.04	0.0	29.91	29.81	29.863	2.9	2.6	207	19	S	0	0			
15	83.6	60.7	72.1	72.2	63	76	0	7	.2.....	0	0.01	0.0	30.03	29.90	29.993	0.4	0.1	323	10	W	0	0				
16	88.6	55.6	72.1	72.6	67	82	0	7	..3.....	0	0.00	0.0	30.07	29.96	30.016	0.9	0.7	210	13	SSW	0	0				
17	84.1	72.1	78.1	76.3	71	83	0	13	.....	0	T	0.0	29.99	29.89	29.950	3.3	3.2	195	18	S	0	0			
18	87.4	73.9	80.7*	78.4	73	83	0	15	.....	0	0.00	0.0	29.89	29.75	29.820	3.4	3.2	194	18	S	0	0			
19	86.1	72.1	79.1	77.7	70	79	0	14	..3.....	0	0.12	0.0	29.83	29.72	29.771	2.9	2.5	199	21	SSW	0	0				
20	81.2	59.5	70.3	71.6	63	77	0	5	.....	0	0.00	0.0	29.92	29.83	29.886	1.2	0.9	307	14	WNW	0	0			
21	85.3	58.3	71.8	71.3	63	77	0	6	.....	0	0.00	0.0	29.92	29.77	29.853	1.2	0.8	243	13	SSW	0	0			
22	83.2	61.0	72.1	68.0	64	88	0	7	..3.....	0	0.11	0.0	29.88	29.78	29.827	0.7	0.4	187	14	S	0	0				
23	74.4	55.3	64.9	65.4	58	78	1	0	.....	0	0.01	0.0	29.99	29.88	29.958	1.6	1.6	258	19	WSW	0	0			
24	78.1	48.2*	63.1	64.1	53	71	2	0	.....	0	0.00	0.0	30.06	29.78	29.963	0.4	0.1	25	11	WSW	0	0			
25	84.3	60.9	72.6	72.5	64	74	0	7	.....	0	0.00	0.0	29.78	29.62	29.665	2.7	2.3	171	20	S	0	0			
26	80.7	64.8	72.8	72.8	64	74	0	7	.....	0	0.28	0.0	29.75	29.56	29.670	2.6	1.7	136	17	E	0	0			
27	71.5	56.7	64.1	65.1	64	97	1	0	.....	0	0.95	0.0	29.93	29.56	29.695	1.9	0.9	255	17	S	0	0			
28	73.5	50.5	62.0	62.3	55	80	3	0	.....	0	0.00	0.0	30.07	29.93	30.004	0.6	0.2	313	11	WNW	0	0			
29	78.5	51.7	65.1	63.9	58	82	0	0	.....	0	0.07	0.0	30.13	29.99	30.041	1.4	0.9	238	18	WNW	0	0			
30	75.6	52.2	63.9	63.6	55	77	2	0	.....	0	0.00	0.0	30.25	30.13	30.204	0.5	0.3	298	11	WNW	0	0			
31	77.0	50.5	63.8	64.3	57	79	2	0	.....	0	0.00	0.0	30.27	30.02	30.174	0.6	0.2	232	10	SSW	0	0			
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:			---													
2481	1832					21	150			5.22	0.0	30.27	29.46	29.905	1.7	0.9	207	29	E	4	86					
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg							
80.0	59.1	69.6	69.3	62	79.9	----	----	≥.01 inch 11		23.33	0.0	31	1	-----	----	----	---	1	5							
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			21	293	Thunder 5		Precipitation		Snow, Ice Plts														
≥ 90°F	< 32°F	< 32°F	< 0°F	----	----	Heavy Fog 1	1.97	9	0.0	-																
0	0	0	0	----	----	Clear 11	Partly Cloudy 15	Cloudy 5																		

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^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

July 2005: Westford

Hour	JUL 01									JUL 02									JUL 03								
	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
01	29.72	0.00	69	67	91	15	1	5	29.57	0.00	68	64	89	20	2	8	29.99	0.00	52	50	92	00	0	0			
04	29.70	0.00	67	65	95	15	1	4	29.62	0.00	64	57	77	29	3	8	30.01	0.00	51	49	92	00	0	0			
07	29.68	0.00	69	66	89	09	4	13	29.75	0.00	58	51	77	29	5	14	30.08	0.00	54	53	98	00	0	0			
10	29.65	0.00	76	68	76	09	6	17	29.84	0.00	60	51	72	27	4	11	30.10	0.00	71	56	60	22	1	6			
13	29.57	0.00	80	70	71	13	7	18	29.86	0.00	66	51	58	27	3	8	30.06	0.00	76	58	53	27	3	7			
16	29.49	0.00	81	70	69	11	8	19	29.86	0.00	71	54	56	29	2	7	30.04	0.00	78	55	45	22	5	12			
19	29.47	0.00	76	69	79	11	5	14	29.89	0.00	68	51	54	27	4	10	30.01	0.00	76	55	48	15	2	7			
22	29.52	0.00	70	67	90	20	5	11	29.94	0.00	54	51	89	00	0	0	30.02	0.00	64	54	70	20	1	4			
JUL 04									JUL 05									JUL 06									
01	30.04	0.00	62	54	77	18	1	5	29.90	0.00	70	61	72	18	4	12	29.81	0.00	66	65	99	00	0	0			
04	30.04	0.00	63	55	77	18	3	8	29.86	0.00	69	60	75	18	4	11	29.84	0.00	64	63	99	00	0	1			
07	30.07	0.00	63	55	76	18	3	12	29.85	0.00	69	61	75	18	6	12	29.88	0.00	62	62	99	33	0	3			
10	30.06	0.00	73	60	64	18	6	13	29.83	0.00	72	65	77	20	6	12	29.93	0.00	63	62	99	00	1	6			
13	30.00	0.00	80	64	59	11	3	8	29.79	0.00	78	69	72	20	5	12	29.94	0.00	72	65	78	00	3	10			
16	29.93	0.00	81	63	55	24	5	10	29.81	0.17	66	65	97	29	6	16	29.97	0.00	71	61	71	00	1	8			
19	29.91	0.00	78	63	60	18	4	12	29.78	0.00	68	67	98	00	0	0	29.97	0.00	72	60	66	00	1	5			
22	29.91	0.00	72	61	69	18	3	7	29.82	0.00	66	66	99	00	0	0	30.01	0.00	60	57	92	00	0	0			
JUL 07									JUL 08									JUL 09									
01	30.01	0.00	57	56	94	00	0	0	30.07	0.00	61	59	94	00	0	3	29.93	0.00	60	59	96	00	0	0			
04	30.03	0.00	58	57	96	00	0	0	30.08	0.00	58	58	97	00	0	0	29.91	0.00	60	59	98	00	0	0			
07	30.06	0.00	61	60	96	00	0	0	30.09	0.00	60	58	93	20	0	3	29.88	0.01	60	59	98	06	0	2			
10	30.07	0.00	69	63	82	31	0	3	30.09	0.00	70	61	73	20	1	5	29.86	0.00	62	61	99	29	3	7			
13	30.08	0.00	70	64	80	27	1	5	30.04	0.00	73	61	66	04	1	3	29.83	0.00	61	61	99	27	1	6			
16	30.06	0.00	75	64	70	00	2	7	30.01	0.00	69	62	76	18	2	7	29.83	0.02	59	58	96	27	3	13			
19	30.03	0.00	70	65	83	00	0	0	29.99	0.00	66	62	88	24	0	1	29.82	0.00	59	59	99	27	4	12			
22	30.06	0.00	62	60	96	00	0	0	29.96	0.00	62	60	95	00	0	0	29.84	0.01	58	57	99	29	1	6			
JUL 10									JUL 11									JUL 12									
01	29.84	0.00	58	58	99	31	0	2	29.83	0.00	71	66	82	20	0	3	29.93	0.00	62	59	87	00	0	0			
04	29.88	0.00	57	57	99	00	0	0	29.85	0.00	66	64	93	15	0	1	29.95	0.00	58	57	94	00	0	0			
07	29.89	0.00	57	56	99	18	1	6	29.89	0.00	69	64	85	18	2	5	29.99	0.00	60	60	98	00	0	0			
10	29.92	0.00	70	63	77	22	2	7	29.91	0.00	78	67	70	29	1	5	29.98	0.00	79	68	69	02	0	2			
13	29.90	0.00	79	67	68	31	1	5	29.88	0.00	82	68	61	29	5	13	29.94	0.00	85	64	49	20	2	6			
16	29.85	0.00	83	63	50	29	4	8	29.86	0.00	84	65	53	00	3	14	29.92	0.00	87	65	48	29	1	4			
19	29.84	0.00	78	66	66	29	3	10	29.89	0.00	79	68	71	00	0	0	29.90	0.00	85	72	65	27	0	1			
22	29.84	0.00	75	66	74	24	0	1	29.92	0.00	68	62	82	00	0	1	29.92	0.00	67	65	92	00	0	0			
JUL 13									JUL 14									JUL 15									
01	29.91	0.00	62	60	95	00	0	0	29.87	0.00	71	67	89	24	3	8	29.91	0.00	68	67	96	00	0	0			
04	29.89	0.00	67	65	93	18	6	10	29.86	0.00	69	68	95	18	4	11	29.94	0.00	63	63	97	00	0	0			
07	29.90	0.00	67	64	89	20	4	11	29.87	0.00	68	67	98	20	3	7	30.00	0.00	65	64	98	00	0	0			
10	29.92	0.00	77	69	75	18	3	10	29.87	0.00	73	69	86	22	4	11	30.02	0.00	77	69	77	09	1	5			
13	29.90	0.00	82	72	73	29	4	8	29.86	0.00	79	70	73	18	0	3	30.01	0.00	83	65	55	04	0	2			
16	29.85	0.00	84	65	53	20	2	6	29.81	0.00	82	73	74	24	3	10	30.00	0.00	83	63	52	27	4	9			
19	29.84	0.00	82	73	73	27	0	1	29.85	0.00	76	69	80	20	4	10	30.00	0.00	80	60	51	00	1	3			
22	29.87	0.00	68	67	95	00	0	0	29.90	0.00	72	69	92	31	1	10	30.03	0.00	64	60	87	04	0	2			
JUL 16									JUL 17									JUL 18									
01	30.04	0.00	58	56	92	00	0	0	29.97	0.00	74	68	83	20	2	5	29.88	0.00	75	71	86	20	5	13			
04	30.04	0.00	56	55	96	00	0	0	29.97	0.00	73	70	89	18	5	12	29.84	0.00	75	70	86	22	4	10			
07	30.06	0.00	59	58	98	00	0	0	29.98	0.00	73	69	87	20	3	8	29.85	0.00	75	71	88	18	3	10			
10	30.05	0.00	78	68	72	20	2	6	29.99	0.00	76	70	82	20	5	11	29.85	0.00	77	73	89	18	4	13			
13	30.01	0.00	85	72	66	24	2	7	29.98	0.00	77	72	84	20	6	14	29.83	0.00	81	74	80	20	4	11			
16	29.97	0.00	88	75	65	27	4	10	29.92	0.00	83	74	73	20	4	14	29.78	0.00	86	74	67	15	3	8			
19	29.99	0.00	80	75	86	00	0	0	29.90	0.00	80	73	80	20	2	10	29.77	0.00	83	74	74	20	2	8			
22	29.99	0.00	74	70	88	00	0	0	29.92	0.00	75	71	87	18	1	5	29.79	0.00	77	72	87	18	4	11			

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.37	0.67	0.93	1.12	1.44	1.56	1.61	1.61	1.61	1.61	1.61	1.61
Ended: Date	05	05	05	05	05	05	05	05	05	05	05	05
Ended: Time	1549	1554	1555	1603	1605	1620	1630	1630	1630	1630	1630	1630

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 2005: 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
JUL 19									JUL 20									JUL 21									
01		29.78	0.00	74	70	87	18	2	7	29.83	0.00	72	62	71	29	0	3	29.92	0.00	59	58	97	00	0	0		
04		29.76	0.00	72	70	91	18	3	7	29.85	0.00	65	62	90	00	0	0	29.90	0.00	59	58	97	00	0	0		
07		29.78	0.00	74	70	90	18	4	8	29.90	0.00	66	65	94	22	0	2	29.90	0.00	63	62	96	18	1	5		
10		29.77	0.00	80	74	82	18	4	10	29.91	0.00	76	67	75	31	0	3	29.89	0.00	75	65	71	18	4	7		
13		29.77	0.02	76	72	87	20	4	11	29.91	0.00	78	65	63	27	4	11	29.85	0.00	79	64	60	29	4	8		
16		29.73	0.00	86	72	63	20	4	12	29.89	0.00	80	64	59	02	2	10	29.81	0.00	83	66	57	29	4	10		
19		29.76	0.00	84	70	64	29	1	6	29.87	0.00	77	64	64	00	0	1	29.78	0.00	84	67	57	29	0	1		
22		29.82	0.00	75	61	61	22	1	6	29.91	0.00	63	60	89	00	0	0	29.80	0.00	66	64	93	29	0	1		
JUL 22									JUL 23									JUL 24									
01		29.79	0.00	70	61	74	18	1	5	29.89	0.00	63	62	98	00	0	0	29.99	0.00	59	51	75	31	0	2		
04		29.80	0.00	64	61	91	00	0	0	29.93	0.00	60	60	98	27	0	3	30.02	0.00	50	49	94	00	0	0		
07		29.84	0.00	66	65	98	00	0	0	29.97	0.00	57	57	98	00	0	0	30.05	0.00	51	50	97	00	0	0		
10		29.83	0.00	76	69	78	22	2	6	29.98	0.00	69	60	71	24	0	2	30.04	0.00	70	57	63	27	1	3		
13		29.79	0.00	77	70	78	00	0	0	29.98	0.00	72	60	66	27	4	12	29.99	0.00	73	54	52	06	2	6		
16		29.85	0.01	66	64	96	13	3	9	29.97	0.00	72	56	56	24	6	16	29.92	0.00	77	53	44	00	0	2		
19		29.85	0.00	66	64	96	09	0	3	29.96	0.00	72	53	52	24	1	5	29.86	0.00	77	60	57	00	0	0		
22		29.87	0.00	63	62	97	00	0	0	29.97	0.00	60	53	80	00	0	0	29.84	0.00	58	56	90	00	0	0		
JUL 25									JUL 26									JUL 27									
01		29.77	0.00	64	60	87	00	0	0	29.70	0.00	70	62	76	18	2	6	29.57	0.00	71	70	97	20	3	10		
04		29.66	0.00	66	60	82	15	3	8	29.71	0.00	67	61	80	20	3	7	29.57	0.00	71	71	98	20	5	8		
07		29.63	0.00	69	59	70	18	5	14	29.75	0.00	67	60	77	18	3	6	29.65	0.00	67	66	97	29	3	8		
10		29.65	0.00	69	62	79	15	3	10	29.72	0.00	77	65	65	09	4	12	29.67	0.01	65	64	96	02	1	5		
13		29.63	0.00	80	72	77	22	6	11	29.68	0.00	80	63	56	11	3	14	29.67	0.01	65	64	97	00	1	4		
16		29.64	0.00	83	70	64	15	5	10	29.65	0.00	77	66	69	00	0	0	29.71	0.02	63	63	98	31	1	5		
19		29.64	0.00	83	67	58	15	0	2	29.59	0.00	74	66	75	06	1	4	29.78	0.00	62	61	97	00	1	6		
22		29.70	0.00	71	64	79	18	0	3	29.58	0.01	70	69	96	09	4	10	29.89	0.00	59	57	93	29	3	10		
JUL 28									JUL 29									JUL 30									
01		29.94	0.00	57	56	96	00	0	0	30.00	0.00	54	53	98	00	0	0	30.13	0.00	60	60	98	00	0	0		
04		29.98	0.00	54	53	97	00	0	0	30.00	0.00	52	52	98	00	0	0	30.16	0.00	54	54	98	00	0	0		
07		30.04	0.00	52	51	98	00	0	0	30.02	0.00	56	55	98	18	2	5	30.22	0.00	54	53	98	00	0	0		
10		30.06	0.00	66	54	66	00	1	6	30.05	0.00	68	56	65	29	4	10	30.24	0.00	70	58	64	00	0	0		
13		30.04	0.00	71	55	58	09	2	7	30.04	0.00	75	57	53	24	2	8	30.23	0.00	74	51	44	31	2	7		
16		30.00	0.00	72	58	62	29	4	9	30.04	0.00	73	65	77	29	2	12	30.20	0.00	75	57	54	00	1	4		
19		29.98	0.00	73	59	61	27	0	1	30.06	0.00	68	60	75	00	0	0	30.21	0.00	71	52	51	00	0	2		
22		29.99	0.00	56	55	96	00	0	0	30.11	0.02	63	61	94	29	0	4	30.24	0.00	54	52	93	00	0	0		
JUL 31																											
01		30.25	0.00	52	51	96	00	0	0																		
04		30.24	0.00	53	51	95	00	0	0																		
07		30.26	0.00	54	53	97	00	0	1																		
10		30.22	0.00	69	58	68	00	1	4																		
13		30.18	0.00	74	59	59	27	1	3																		
16		30.12	0.00	75	62	63	20	1	5																		
19		30.08	0.00	72	62	71	13	0	1																		
22		30.06	0.00	63	60	90	13	1	3																		

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

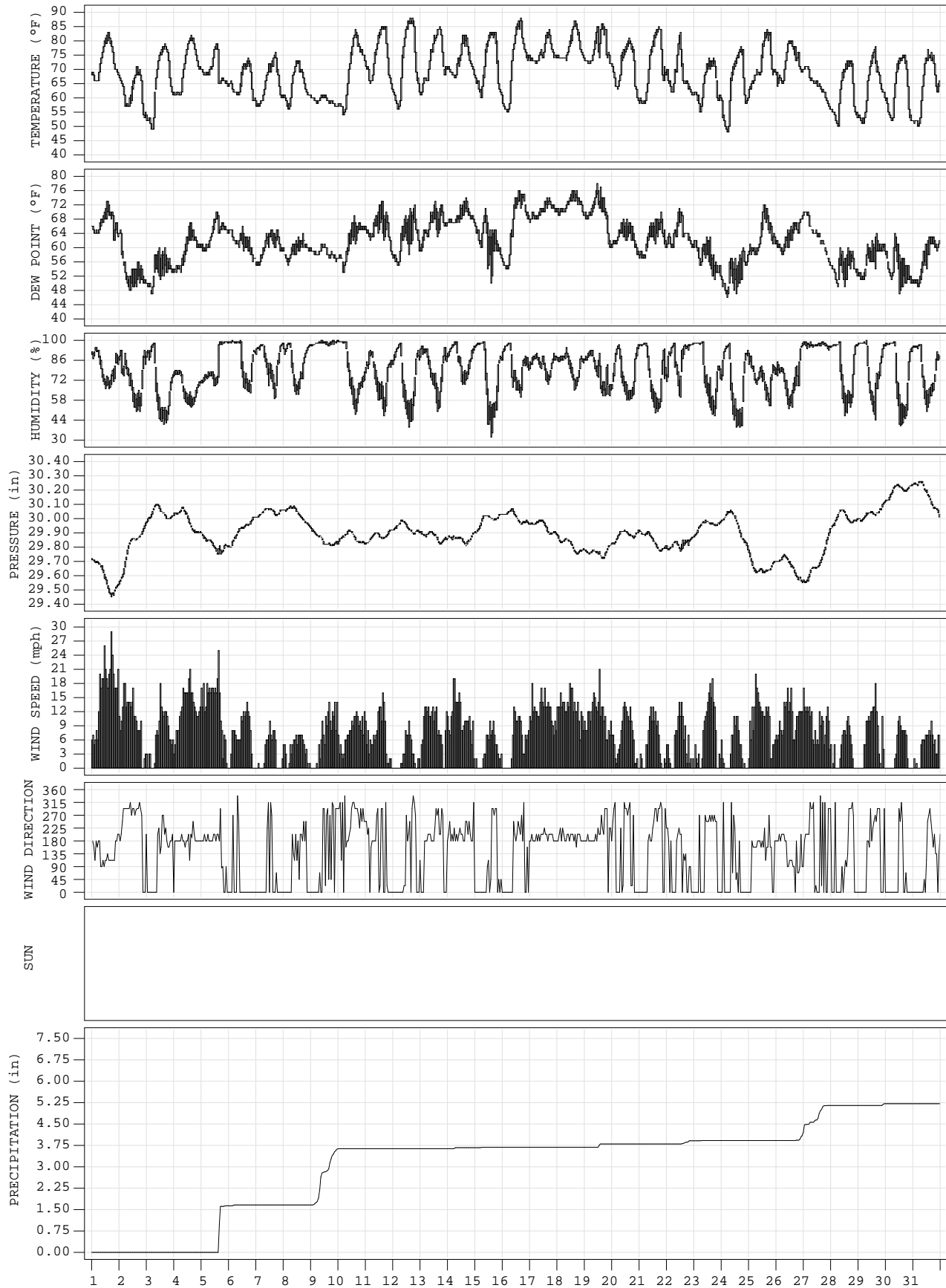
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		29.896	64	61	89	0.8	20	0.8
04		29.900	62	60	92	1.4	19	1.2
07		29.928	63	60	92	1.7	19	1.2
10		29.935	72	64	76	2.4	20	1.2
13		29.911	76	64	68	2.8	24	1.2
16		29.886	77	64	66	3.1	25	1.4
19		29.880	75	64	71	1.2	22	0.5
22		29.904	65	62	88	0.8	19	0.4

HOURLY PRECIPITATION (Water Equivalent)
July 2005: Westford

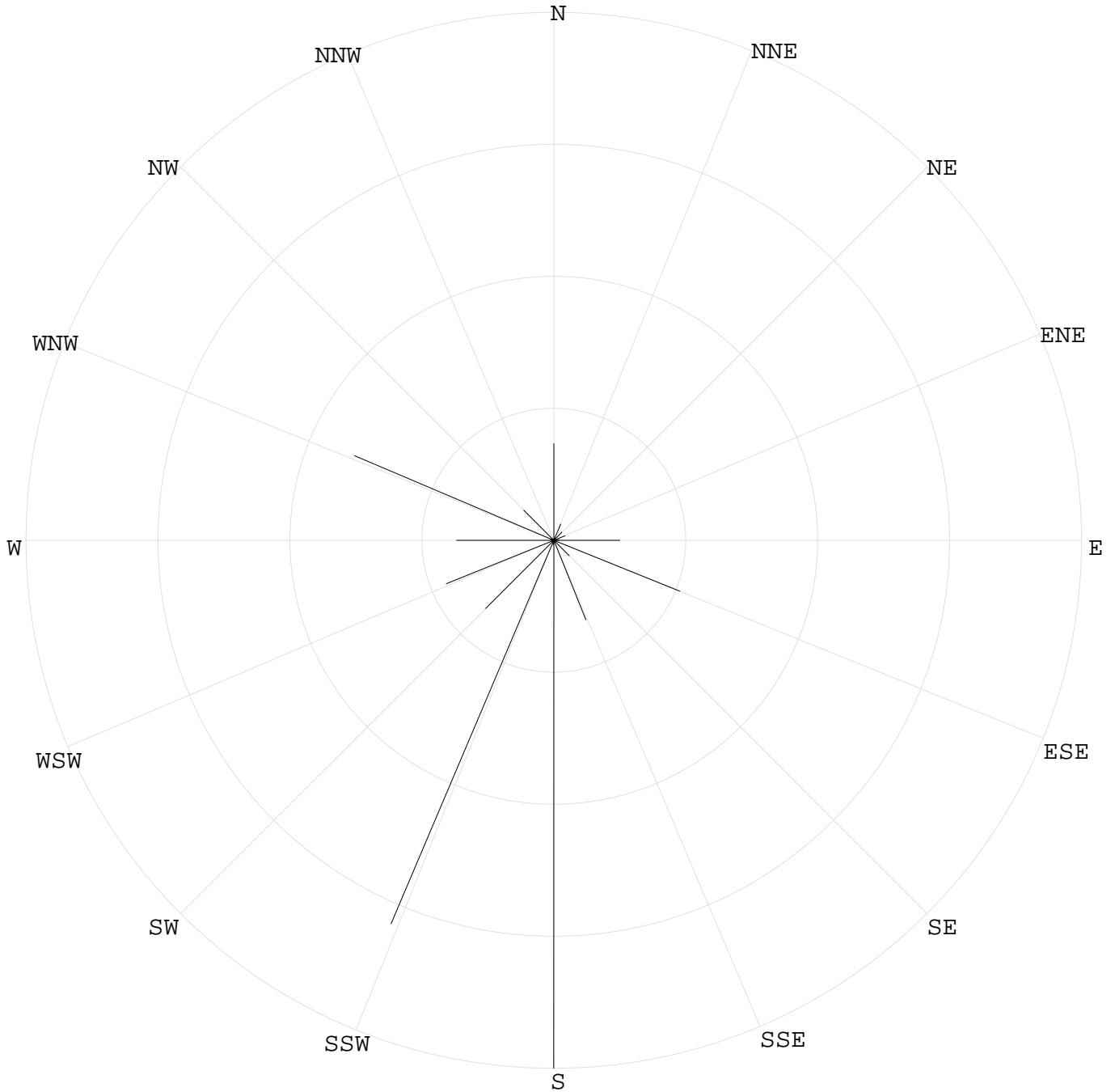
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date	
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12		
01																								01		
02																									02	
03																									03	
04																									04	
05																0.97	0.64				0.02				05	
06				0.01	0.02																				06	
07																									07	
08																									08	
09			0.02	0.04	0.03	0.04	0.12	0.29	0.43	0.15	0.02	0.02			0.03	0.02	0.06	0.22	0.13	0.12	0.04	0.08	0.04	0.05	0.02	09
10																										10
11																										11
12																										12
13																										13
14						0.01	0.03																			14
15						0.01																				15
16																										16
17																										17
18																										18
19															0.07	0.05										19
20																										20
21																										21
22																0.01	0.01	0.02	0.02		0.01	0.04				22
23												0.01														23
24																										24
25																										25
26																										26
27	0.27	0.01		0.01		0.07				0.05	0.03			0.07	0.16	0.09	0.05	0.09	0.01		0.03	0.09	0.04	0.11	26	
28																			0.04		0.01				27	
29																						0.04	0.02			28
30																										29
31																										30
																										31
Sum	0.27	0.01	0.02	0.06	0.05	0.13	0.16	0.29	0.43	0.20	0.05	0.02		0.14	0.25	0.12	1.10	0.97	0.18	0.13	0.08	0.14	0.17	0.11	0.13	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.)

HOURLY-BY-HOURLY DATA
July 2005: Westford



Wind Rose: July 2005
Westford



Maximum direction of wind: 335.6 miles from 180°.
1257.1 total miles of wind.