

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### August 2005

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

Date	Temperature					Humidity	DeW		Precip Ty	Snow Cvr	Precip		Pressure			Wind					Sun				
	Maximum	Minimum	Average	Mean	Dew Point		Mean	Heating Base 65°F			Cooling Base 65°F	Water Equivalent	Ice Pellets Snow	Adj. to Sea Level			Avg	Res	Res	Peak		Minute			
														Maximum	Minimum	Mean				Speed		Dir	Speed	Dir	Speed
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	79.8	62.3	71.1	70.1	65	86	0	6	.....	0	0.05	0.0	30.02	29.86	29.952	2.7	2.5	203	16	S	1	287			
2	84.0	61.0	72.5	72.2	66	82	0	7	.3.....	0	0.01	0.0	29.93	29.78	29.863	1.7	1.5	235	16	SSW	0	0			
3	82.0	58.3	70.1	70.2	63	80	0	5	.....	0	0.00	0.0	29.96	29.83	29.889	0.7	0.6	298	10	W	0	0			
4	87.2*	56.2	71.7	72.4	65	80	0	6	.....	0	0.00	0.0	29.98	29.83	29.918	1.8	1.6	181	17	SSW	0	0			
5	81.2	62.1	71.6	74.1	66	77	0	6	.....	0	0.50	0.0	30.00	29.78	29.853	2.9	1.9	237	19	WNW	0	0			
6	78.8	52.5	65.7	66.3	55	69	0	0	.....	0	0.00	0.0	30.15	30.00	30.081	0.5	0.2	273	12	NNW	0	0			
7	82.6	52.6	67.6	67.8	57	71	0	2	.....	0	0.00	0.0	30.10	29.96	30.039	1.3	0.9	220	13	SW	0	0			
8	85.5	57.6	71.5	71.6	62	74	0	6	.....	0	0.00	0.0	30.07	29.97	30.024	0.9	0.6	195	14	SSW	0	0			
9	85.5	65.6	75.5	75.1	66	75	0	10	.....	0	0.00	0.0	30.02	29.84	29.940	2.4	2.2	200	14	SSW	0	0			
10	86.5	65.3	75.9*	72.9	67	83	0	10	.3.....	0	0.84	0.0	29.88	29.76	29.824	2.8	2.4	201	27	ESE	0	0			
11	81.1	60.9	71.0	70.7	64	81	0	6	.....	0	0.00	0.0	29.95	29.75	29.857	0.6	0.5	301	12	NW	0	0			
12	78.6	59.9	69.3	67.4	63	87	0	4	.....	0	0.03	0.0	29.98	29.73	29.895	1.0	0.7	179	14	S	0	0			
13	83.8	62.0	72.9	74.1	66	77	0	7	.....	0	0.00	0.0	29.83	29.71	29.763	3.0	2.3	242	16	WNW	0	0			
14	67.4	61.0	64.2	63.8	62	95	1	0	.....	0	0.30	0.0	29.98	29.82	29.899	0.1	0.1	6	10	N	0	0			
15	79.4	58.7	69.1	67.7	62	85	0	4	.....	0	0.01	0.0	30.07	29.96	30.030	0.3	0.2	308	10	W	0	0			
16	80.3	58.1	69.2	68.6	61	79	0	4	.....	0	0.01	0.0	30.05	29.86	29.959	1.8	1.5	207	16	SSW	0	0			
17	74.6	50.1	62.3	65.0	55	72	3	0	.....	0	0.00	0.0	30.02	29.85	29.905	2.1	1.9	277	22	WNW	0	0			
18	67.6	45.2*	56.4*	55.8	48	78	9	0	.....	0	0.00	0.0	30.12	30.02	30.082	0.5	0.5	284	12	NW	0	0			
19	73.9	45.4	59.7	61.3	55	81	6	0	.....	0	0.00	0.0	30.12	29.93	30.047	1.1	0.8	181	19	SSW	0	0			
20	71.5	62.3	66.9	66.7	62	86	0	1	.....	0	0.03	0.0	29.93	29.78	29.859	1.5	1.3	157	14	SSW	0	0			
21	80.3	65.0	72.7	71.4	64	80	0	7	.....	0	0.14	0.0	29.78	29.67	29.702	1.7	1.1	246	16	WNW	0	0			
22	73.9	53.5	63.7	63.5	56	78	2	0	.....	0	0.01	0.0	29.83	29.69	29.747	1.4	0.9	218	16	WNW	0	0			
23	67.8	51.7	59.8	59.4	54	84	6	0	.....	0	0.00	0.0	30.01	29.83	29.930	1.0	0.7	264	14	WSW	0	0			
24	68.8	51.0	59.9	58.6	55	90	6	0	.....	0	0.05	0.0	30.18	30.01	30.105	0.6	0.5	329	14	WNW	0	0			
25	77.2	48.8	63.0	62.3	54	78	3	0	.....	0	0.00	0.0	30.23	30.10	30.167	0.7	0.6	289	13	WNW	0	0			
26	80.1	50.7	65.4	65.3	54	71	0	0	.....	0	0.00	0.0	30.12	29.96	30.038	0.8	0.4	220	10	W	0	0			
27	81.2	52.3	66.7	68.0	57	70	0	1	.....	0	0.00	0.0	30.00	29.84	29.925	2.3	2.0	184	21	S	0	0			
28	76.0	64.3	70.2	68.9	63	82	0	5	.....	0	0.10	0.0	29.91	29.82	29.863	5.1	5.0	185	30	S	0	0			
29	78.6	60.7	69.6	70.1	66	88	0	4	.....	0	0.00	0.0	29.95	29.87	29.912	1.0	0.8	186	12	SSW	0	0			
30	77.6	62.4	70.0	69.9	66	89	0	5	.....	0	0.10	0.0	29.88	29.74	29.823	1.5	1.1	176	14	ENE	0	0			
31	76.0	63.5	69.8	68.5	67	96	0	4	.....	0	3.17	0.0	29.74	29.26	29.476	3.0	1.8	212	24	S	0	0			
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:															---
2429	1781					36	110			5.35	0.0	30.23	29.26	29.915	1.6	1.0	214	30	S	1	287				
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg						
78.3	57.5	67.9	67.7	61	80.8	----	----	≥.01 inch 15		28.68	0.0	25	31	-----	----	----	---	28	1						
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			57	403	Thunder 2	Precipitation		Snow, Ice Plts														
≥ 90°F	< 32°F	< 32°F	< 0°F	----	----	Heavy Fog 0	3.17	31	0.0	-	0					-									
0	0	0	0	----	----	Clear 9	Partly Cloudy 13	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^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  
August 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
AUG 01									AUG 02									AUG 03									
01		30.02	0.00	67	63	88	20	4	11	29.90	0.00	65	64	98	00	0	0	29.84	0.00	65	63	94	00	0	0		
04		29.99	0.00	66	64	94	20	3	10	29.89	0.00	64	63	98	15	0	1	29.84	0.00	64	63	95	00	0	0		
07		30.01	0.00	66	64	95	20	2	6	29.92	0.00	65	64	99	15	0	2	29.89	0.00	64	63	97	00	0	0		
10		30.00	0.00	73	68	83	20	3	11	29.91	0.00	75	69	81	27	2	7	29.91	0.00	74	67	77	27	2	5		
13		29.94	0.00	77	67	73	24	4	11	29.86	0.00	81	68	64	24	4	12	29.90	0.00	79	67	67	29	1	5		
16		29.88	0.00	78	68	72	20	2	7	29.80	0.00	84	69	61	24	3	7	29.88	0.00	81	61	51	00	2	7		
19		29.91	0.01	68	66	92	27	1	5	29.83	0.00	74	67	79	27	6	12	29.91	0.00	72	63	74	00	0	0		
22		29.91	0.00	64	63	97	00	0	0	29.82	0.00	71	64	79	22	2	7	29.94	0.00	61	58	89	00	0	0		
AUG 04									AUG 05									AUG 06									
01		29.96	0.00	58	56	93	00	0	0	29.82	0.00	76	70	80	15	2	6	30.01	0.00	63	57	80	27	0	1		
04		29.97	0.00	56	55	96	00	0	0	29.79	0.00	74	69	86	18	3	8	30.06	0.00	58	53	81	00	0	0		
07		29.98	0.00	59	58	98	00	0	0	29.79	0.00	75	69	82	18	3	7	30.13	0.00	54	52	94	00	0	0		
10		29.95	0.00	76	66	71	20	3	8	29.83	0.01	71	70	98	20	1	5	30.15	0.00	70	54	56	20	3	7		
13		29.92	0.00	83	71	69	18	5	12	29.84	0.00	79	69	73	29	6	10	30.11	0.00	75	57	54	27	3	7		
16		29.87	0.00	87	72	62	18	2	8	29.86	0.00	80	64	58	29	5	12	30.07	0.00	78	48	35	00	1	5		
19		29.85	0.00	81	72	73	18	0	3	29.89	0.00	76	63	65	27	4	9	30.05	0.00	75	57	53	00	0	0		
22		29.85	0.00	75	69	82	18	3	7	29.96	0.00	66	57	73	29	1	3	30.08	0.00	57	55	92	00	0	0		
AUG 07									AUG 08									AUG 09									
01		30.06	0.00	55	53	93	00	0	0	30.02	0.00	60	56	89	20	0	2	29.98	0.00	68	61	78	18	2	3		
04		30.06	0.00	53	52	95	00	0	0	30.04	0.00	59	57	93	00	0	0	29.98	0.00	69	64	85	18	3	8		
07		30.09	0.00	57	53	86	20	2	4	30.06	0.00	63	58	84	18	2	6	29.98	0.00	67	63	86	18	2	5		
10		30.09	0.00	72	60	65	18	4	8	30.07	0.00	77	66	68	11	1	5	30.01	0.00	76	67	73	20	4	12		
13		30.06	0.00	79	56	45	22	1	5	30.05	0.00	84	64	52	20	3	7	29.94	0.00	82	67	60	20	3	7		
16		30.00	0.00	82	61	49	22	3	6	30.00	0.00	84	65	54	18	2	7	29.90	0.00	86	69	58	24	2	8		
19		29.97	0.00	80	61	53	18	0	2	29.98	0.00	79	67	67	20	1	3	29.86	0.00	81	69	66	18	2	10		
22		30.00	0.00	65	58	77	00	0	0	29.99	0.00	66	62	86	15	0	1	29.89	0.00	73	67	81	20	2	6		
AUG 10									AUG 11									AUG 12									
01		29.87	0.00	70	66	86	18	3	7	29.76	0.00	66	66	98	00	0	0	29.94	0.00	61	58	92	00	0	0		
04		29.84	0.00	69	64	85	20	5	11	29.77	0.00	67	66	98	27	0	1	29.95	0.00	61	60	97	00	0	0		
07		29.87	0.00	69	64	83	20	5	12	29.82	0.00	68	67	94	00	0	0	29.98	0.00	61	60	96	00	0	0		
10		29.87	0.00	77	69	76	20	5	11	29.88	0.00	73	67	83	00	2	7	29.96	0.00	72	63	72	15	1	5		
13		29.83	0.00	84	72	67	20	2	8	29.88	0.00	79	66	65	27	3	8	29.89	0.00	79	64	60	18	4	10		
16		29.77	0.00	79	71	75	29	3	7	29.88	0.00	80	60	50	00	1	6	29.86	0.00	73	68	86	13	1	3		
19		29.76	0.00	72	70	95	00	0	0	29.90	0.00	74	63	69	00	0	0	29.82	0.00	68	66	95	00	0	0		
22		29.78	0.00	68	66	95	00	0	1	29.95	0.00	63	59	86	00	0	0	29.78	0.00	67	65	91	20	4	10		
AUG 13									AUG 14									AUG 15									
01		29.74	0.00	70	66	86	20	4	8	29.83	0.00	62	60	92	00	0	0	29.98	0.00	61	60	98	00	0	0		
04		29.71	0.00	71	68	89	20	4	13	29.83	0.00	62	60	92	00	0	0	30.00	0.00	61	61	98	00	0	2		
07		29.75	0.00	72	68	89	20	4	8	29.87	0.00	62	61	97	00	0	0	30.06	0.00	60	59	98	00	0	0		
10		29.79	0.00	76	68	75	27	5	11	29.90	0.00	66	64	94	00	0	0	30.07	0.00	71	62	74	09	0	2		
13		29.78	0.00	81	67	62	27	4	11	29.92	0.01	67	66	96	00	0	0	30.05	0.00	77	65	68	29	2	7		
16		29.75	0.00	83	68	59	29	5	12	29.92	0.00	64	63	97	00	0	0	30.02	0.00	79	65	62	27	1	6		
19		29.77	0.00	77	64	65	00	0	3	29.94	0.00	64	63	97	00	0	0	30.03	0.00	77	66	67	00	0	0		
22		29.81	0.00	66	62	89	00	0	0	29.98	0.00	63	63	98	00	0	0	30.06	0.00	60	59	96	00	0	0		
AUG 16									AUG 17									AUG 18									
01		30.05	0.00	58	58	98	00	0	0	29.86	0.00	63	60	88	18	2	6	30.02	0.00	50	47	89	00	0	0		
04		30.03	0.00	60	60	98	20	0	3	29.85	0.00	64	57	76	22	0	3	30.06	0.00	45	44	93	00	0	0		
07		30.03	0.00	62	62	97	18	1	5	29.88	0.00	63	58	83	31	1	3	30.09	0.00	48	47	95	00	0	0		
10		30.01	0.00	72	66	82	20	4	11	29.89	0.00	68	61	77	27	4	8	30.11	0.00	62	50	65	31	0	2		
13		29.94	0.00	78	65	65	20	2	7	29.89	0.00	72	59	65	27	3	13	30.10	0.00	65	47	53	29	1	5		
16		29.88	0.00	80	62	55	24	4	10	29.90	0.00	72	56	57	27	3	12	30.09	0.00	64	51	61	00	0	0		
19		29.86	0.00	77	64	64	29	0	3	29.94	0.00	66	51	58	29	2	8	30.08	0.00	60	51	72	00	0	0		
22		29.88	0.00	64	53	68	20	0	2	30.00	0.00	56	48	74	00	0	0	30.09	0.00	50	49	95	00	0	0		

**MAXIMUM SHORT DURATION PRECIPITATION**

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.27	0.51	0.72	0.82	0.95	1.00	1.01	1.03	1.04	1.08	1.11	1.28
Ended: Date	31	10	31	31	31	31	31	31	31	31	31	31
Ended: Time	1730	1644	1730	1735	1745	1800	1805	1825	1850	1805	1820	0750

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 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
AUG 19									AUG 20									AUG 21									
01		30.11	0.00	49	47	94	00	0	0		29.92	0.00	67	59	74	18	1	6		29.76	0.00	70	68	92	18	2	7
04		30.10	0.00	46	45	97	00	0	0		29.91	0.00	67	57	72	18	1	7		29.72	0.01	69	68	98	20	2	10
07		30.11	0.00	47	46	97	00	0	0		29.89	0.00	62	59	88	18	2	6		29.72	0.00	66	66	98	00	0	0
10		30.09	0.00	68	55	64	04	1	3		29.90	0.00	64	62	92	18	1	6		29.71	0.00	70	67	89	24	2	6
13		30.05	0.00	72	58	61	20	4	12		29.87	0.00	67	63	89	13	2	8		29.68	0.00	77	70	78	27	4	10
16		30.00	0.00	73	62	68	20	3	10		29.81	0.00	69	65	88	20	1	5		29.68	0.00	80	60	51	27	2	7
19		29.98	0.00	67	63	86	00	0	0		29.79	0.00	69	67	91	18	0	2		29.67	0.00	69	62	78	00	0	0
22		29.96	0.00	65	58	78	00	0	0		29.81	0.00	68	66	96	00	0	0		29.69	0.00	70	55	60	24	2	7
AUG 22									AUG 23									AUG 24									
01		29.69	0.00	67	57	70	20	1	3		29.84	0.00	55	53	91	22	0	1		30.03	0.00	57	56	96	00	0	0
04		29.70	0.00	61	57	89	18	0	2		29.87	0.00	55	52	89	00	0	0		30.04	0.00	56	55	97	00	0	3
07		29.73	0.00	59	53	79	18	1	5		29.90	0.00	53	52	96	00	0	0		30.08	0.00	55	55	97	00	0	0
10		29.73	0.00	69	57	67	20	3	10		29.93	0.00	64	57	77	29	5	10		30.12	0.00	57	56	97	27	1	4
13		29.73	0.00	71	59	67	22	4	8		29.94	0.00	62	58	87	29	2	6		30.13	0.00	61	58	90	00	1	6
16		29.76	0.00	68	60	76	29	1	4		29.96	0.00	62	55	76	31	1	4		30.12	0.00	66	58	75	29	2	11
19		29.79	0.00	64	57	78	00	0	0		29.99	0.00	60	55	84	00	0	0		30.14	0.00	66	57	71	00	0	0
22		29.82	0.00	55	52	89	00	0	0		30.00	0.00	58	54	86	29	0	5		30.17	0.00	53	51	96	00	0	0
AUG 25									AUG 26									AUG 27									
01		30.18	0.00	51	50	97	00	0	0		30.10	0.00	57	52	82	18	0	3		29.96	0.00	54	52	94	00	0	0
04		30.19	0.00	50	50	98	00	0	0		30.09	0.00	51	50	95	00	0	0		29.95	0.00	53	51	94	00	0	0
07		30.22	0.00	52	52	98	00	0	0		30.10	0.00	52	51	97	00	0	0		29.98	0.00	59	54	81	18	1	5
10		30.22	0.00	67	60	77	00	0	1		30.09	0.00	73	59	62	18	1	5		29.99	0.00	74	63	69	20	1	8
13		30.17	0.00	75	60	59	29	2	6		30.02	0.00	78	58	50	27	3	8		29.93	0.00	80	61	53	18	5	14
16		30.13	0.00	77	56	48	27	2	11		29.97	0.00	79	56	45	27	2	5		29.88	0.00	81	59	47	18	5	11
19		30.11	0.00	72	58	62	00	0	0		29.96	0.00	75	57	54	18	0	1		29.86	0.00	75	59	57	20	2	7
22		30.11	0.00	55	52	88	18	0	2		29.97	0.00	57	54	90	00	0	0		29.86	0.00	68	58	70	18	1	8
AUG 28									AUG 29									AUG 30									
01		29.84	0.00	68	57	67	18	5	18		29.92	0.00	66	64	91	18	3	11		29.86	0.00	68	66	95	00	0	0
04		29.82	0.00	67	60	79	20	6	13		29.91	0.00	65	63	92	00	0	0		29.86	0.00	63	62	97	09	0	1
07		29.84	0.00	68	62	80	18	5	16		29.94	0.00	61	60	97	00	0	0		29.88	0.00	67	67	98	18	0	3
10		29.88	0.00	65	63	95	18	4	16		29.94	0.00	71	67	86	18	2	6		29.87	0.00	73	69	86	18	4	13
13		29.87	0.00	72	66	83	18	6	18		29.92	0.00	77	70	78	13	1	5		29.83	0.00	75	68	79	11	1	4
16		29.85	0.00	75	67	77	15	4	11		29.90	0.00	78	71	78	27	1	3		29.79	0.00	73	67	81	18	3	8
19		29.86	0.00	71	65	81	15	3	10		29.88	0.00	72	69	89	00	0	0		29.77	0.00	71	67	89	18	1	5
22		29.91	0.00	67	64	90	15	2	9		29.90	0.00	68	67	97	00	0	0		29.76	0.00	69	66	90	18	2	8
AUG 31																											
01		29.73	0.00	70	68	93	18	0	3																		
04		29.67	0.00	68	67	97	00	0	0																		
07		29.57	0.03	66	65	98	02	1	4																		
10		29.43	0.00	69	69	99	15	2	10																		
13		29.31	0.00	75	71	89	18	5	13																		
16		29.27	0.00	75	73	93	18	6	22																		
19		29.40	0.00	64	63	99	29	4	12																		
22		29.47	0.00	64	64	99	24	2	5																		

**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**

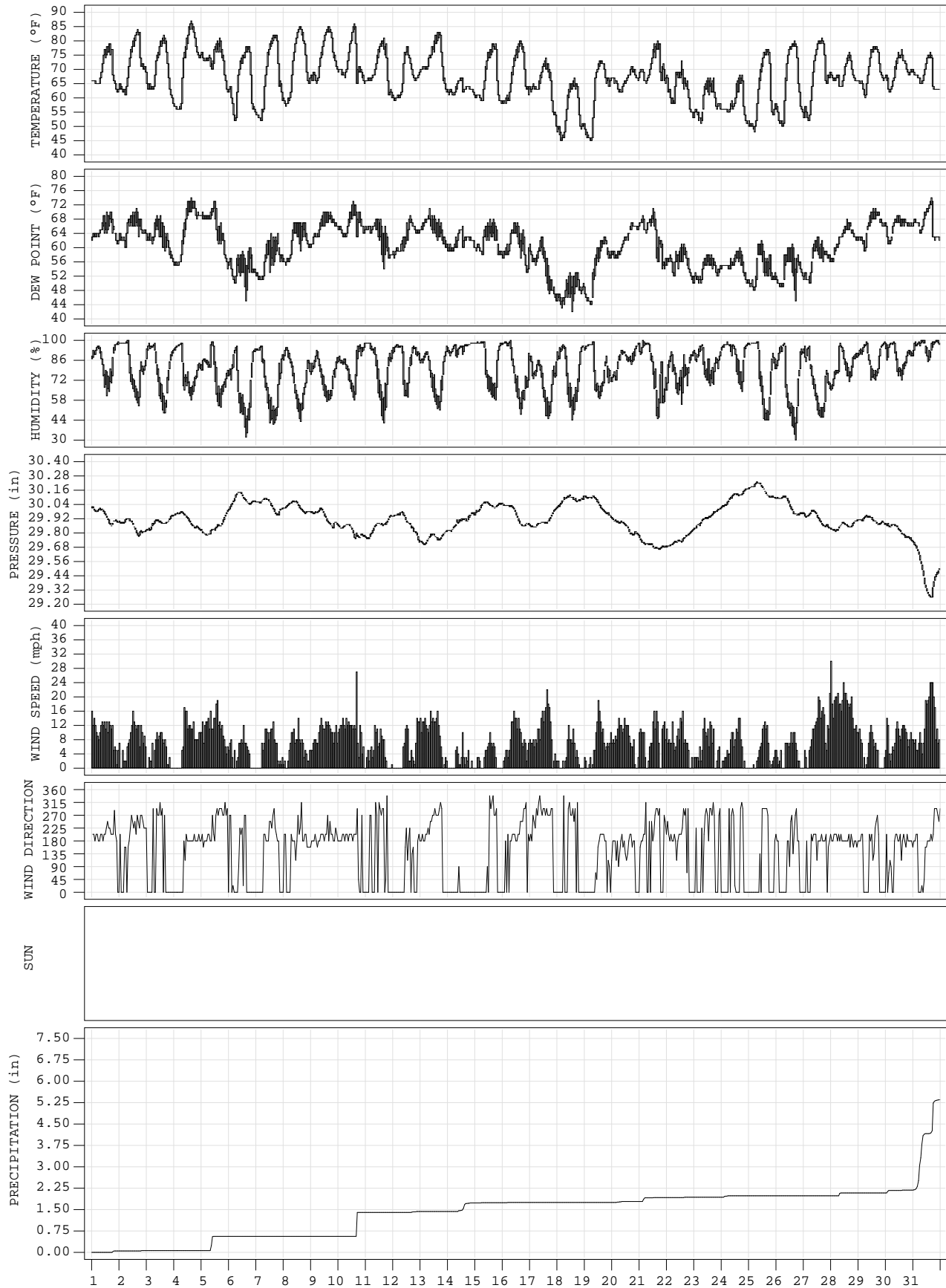
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		29.923	62	59	89	0.9	19	0.9
04		29.919	61	59	92	0.9	20	0.9
07		29.941	61	59	92	1.0	19	0.9
10		29.945	71	63	78	2.3	22	1.6
13		29.914	75	64	68	2.9	23	2.0
16		29.886	76	63	65	2.4	24	1.4
19		29.889	71	63	75	0.8	25	0.6
22		29.909	64	59	86	0.7	21	0.6

HOURLY PRECIPITATION (Water Equivalent)  
**August 2005: Westford**

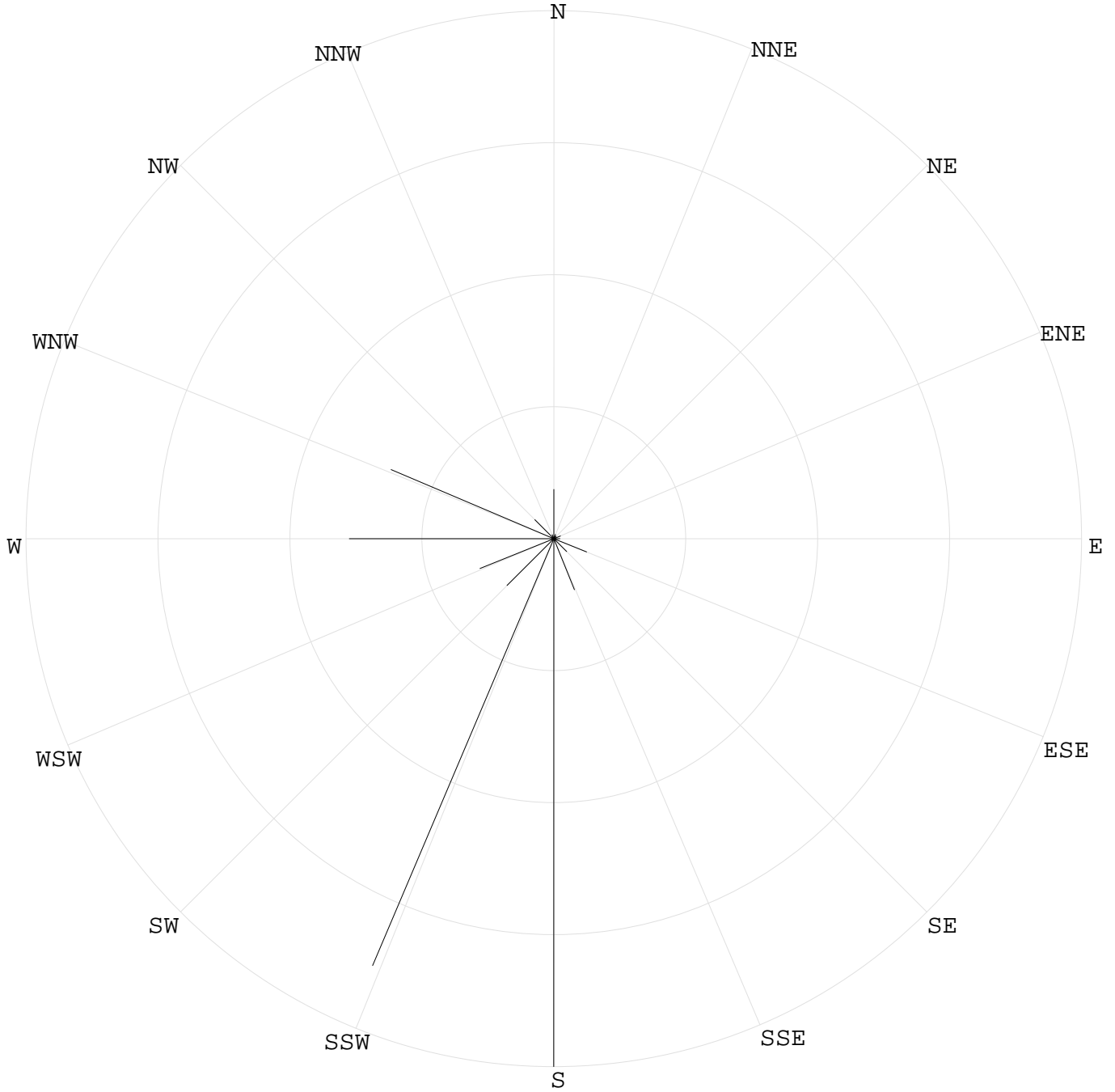
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																			0.04						01
02																			0.01						02
03																									03
04																									04
05									0.18	0.31	0.01														05
06																									06
07																									07
08																									08
09																									09
10															0.84										10
11																									11
12															0.01	0.01				0.01					12
13																									13
14									0.03		0.01	0.01	0.06	0.13	0.04		0.01		0.01						14
15						0.01																			15
16					0.01																				16
17																									17
18																									18
19																									19
20					0.01		0.01		0.01																20
21				0.08	0.05							0.01													21
22															0.01										22
23																									23
24			0.03	0.01		0.01																			24
25																									25
26																									26
27																									27
28								0.09	0.01																28
29																									29
30		0.05	0.04												0.01										30
31	0.01	0.01	0.03	0.08	0.20	0.53	0.27	0.47	0.31	0.05	0.02				0.01	0.02	0.07	0.97	0.07	0.02	0.01	0.01	0.01	0.01	31
Sum	0.01	0.06	0.10	0.17	0.27	0.55	0.28	0.56	0.51	0.39	0.03	0.01	0.02	0.06	0.15	0.07	0.92	0.99	0.11	0.05	0.02	0.01	0.01	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.)

HOURLY-BY-HOURLY DATA  
August 2005: Westford



Wind Rose: August 2005  
Westford



Maximum direction of wind: 355.1 miles from 180°.  
1163.1 total miles of wind.