

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

August 2004

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

Date	Temperature					Humidity	Deq 65°F		Days 65°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	82.8	61.2	72.0	73.1	67	82	0	7	.....	0	0.01	0.0	29.93	29.85	29.891	2.4	2.0	229	13	S	7	227			
2	81.2	59.0	70.1	69.9	62	77	0	5	.....	0	0.00	0.0	29.97	29.80	29.899	0.7	0.6	224	11	W	0	0			
3	77.6	58.9	68.3	66.9	62	86	0	3	..3.....	0	0.85	0.0	29.81	29.69	29.757	1.4	1.1	195	22	WNW	0	0				
4	73.7	54.2	63.9	63.8	59	87	2	0	.....	0	0.00	0.0	29.77	29.70	29.736	0.4	0.3	313	8	WNW	0	0			
5	67.9	51.0	59.5	58.4	52	80	6	0	.....	0	0.00	0.0	29.85	29.74	29.799	1.1	1.0	320	16	WNW	0	0			
6	64.8	48.8	56.8	54.9	50	85	9	0	.....	0	T	0.0	29.89	29.84	29.864	0.7	0.6	323	12	W	1	330			
7	63.7	52.2	58.0	56.5	54	91	8	0	..3.....	0	0.12	0.0	29.89	29.84	29.863	0.5	0.5	308	10	NW	0	0				
8	66.4	50.7	58.6	57.6	54	89	7	0	.....	0	0.35	0.0	29.97	29.89	29.930	1.7	1.5	215	13	W	0	0			
9	79.6	52.0	65.8	64.5	56	76	0	0	.....	0	0.00	0.0	30.02	29.93	29.972	1.6	1.2	232	12	WSW	5	212			
10	79.2	56.0	67.6	68.3	60	76	0	2	..3.....	0	0.12	0.0	29.95	29.73	29.838	3.3	3.0	189	21	S	0	0				
11	78.8	64.7	71.8	70.6	65	83	0	6	.....	0	0.25	0.0	29.83	29.73	29.765	2.8	2.6	191	20	S	0	0			
12	68.9	60.7	64.8	63.5	62	96	1	0	.....	0	1.41	0.0	29.99	29.84	29.931	0.5	0.2	271	12	WNW	0	45			
13	69.6	60.4	65.0	64.2	63	97	0	0	.....	0	0.54	0.0	29.96	29.82	29.874	0.5	0.3	274	12	WNW	0	0			
14	72.3	55.3	63.8	63.2	59	86	2	0	.....	0	0.00	0.0	30.19	29.91	30.074	0.7	0.6	302	11	WNW	0	0			
15	77.4	53.8	65.6	64.0	59	85	0	0	.....	0	0.00	0.0	30.25	30.17	30.205	0.4	0.1	285	8	S	2	210			
16	71.3	55.4	63.4	62.4	60	94	2	0	.....	0	0.44	0.0	30.20	30.08	30.147	0.2	0.1	315	10	SE	0	0			
17	76.3	54.4	65.4	64.0	58	84	0	0	1.....	0	0.01	0.0	30.12	29.94	30.037	1.1	1.0	195	12	SSW	0	0				
18	77.4	58.6	68.0	67.4	61	80	0	3	.....	0	0.00	0.0	29.94	29.82	29.881	3.1	3.1	187	20	SW	2	231			
19	74.9	60.2	67.6	67.6	64	87	0	2	..3.....	0	0.02	0.0	29.87	29.73	29.783	4.6	4.3	189	27	S	0	0				
20	73.9	53.2	63.6	64.2	59	84	2	0	.....	0	0.01	0.0	29.95	29.85	29.894	1.8	1.5	211	16	W	0	0			
21	66.4	51.3	58.9	57.6	54	89	7	0	.....	0	0.65	0.0	29.94	29.76	29.822	0.7	0.6	292	14	W	2	273			
22	70.4	43.9	57.2	57.4	50	79	8	0	.....	0	0.00	0.0	30.05	29.90	29.977	1.0	0.8	209	14	SSW	0	0			
23	73.0	49.9	61.5	59.9	55	84	4	0	.....	0	0.25	0.0	30.07	29.81	29.893	2.9	2.5	193	21	SSW	0	0			
24	67.8	42.6*	55.2*	54.8	49	83	10	0	.....	0	0.00	0.0	30.25	30.07	30.193	0.5	0.5	305	11	NW	0	0			
25	75.6	43.6	59.6	60.7	56	84	6	0	.....	0	0.00	0.0	30.29	30.17	30.225	2.9	2.7	181	19	S	0	0			
26	76.7	61.6	69.1	68.4	61	77	0	4	.....	0	0.00	0.0	30.19	30.05	30.123	5.4	5.0	186	27	S	0	0			
27	79.6	63.1	71.3	70.6	66	85	0	6	.....	0	0.00	0.0	30.06	29.84	29.963	4.8	4.7	190	20	SSW	2	159			
28	84.0*	69.3	76.7*	74.7	70	85	0	11	.....	0	T	0.0	29.86	29.78	29.826	2.0	1.6	219	13	SW	0	0			
29	83.8	65.5	74.7	72.1	69	92	0	9	..3.....	0	3.64	0.0	29.86	29.74	29.825	2.7	2.0	185	27	WNW	0	0				
30	69.6	64.3	67.0	66.5	66	98	0	1	1.3.....	0	1.59	0.0	30.01	29.85	29.939	0.8	0.4	178	17	WNW	1	276				
31	72.7	55.9	64.3	63.7	60	89	1	0	.2.....	0	1.17	0.0	30.03	29.88	29.959	1.0	0.7	313	14	NW	0	0				
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:															---	
2297	1732					75	59			11.43	0.0	30.29	29.69	29.932	1.7	1.2	204	27	S	7	227					
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl			Date	Date	-----	----	----	---	Date	Date	Avg					
74.1	55.9	65.0	64.2	59	85.5	----	----	≥ .01 inch		17	33.04	0.0	25	3	-----	----	----	---	19+	1						
Number of Days							Season to Date		Snow, Ice ≥1.0 inch		Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date										
Max Temperature			Min Temperature			101	182	Thunder		6	Precipitation		Snow, Ice Plts													
≥ 90°F	< 32°F	< 32°F	< 0°F	----	----	----	----	Heavy Fog		1	3.64	28-29	0.0	-	0											
0	0	0	0	----	----	----	----	Clear		6	Partly Cloudy		17	Cloudy		8										

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 2004: 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		29.86	0.00	70	69	95	20	3	10	29.94	0.00	61	59	93	00	0	0	29.80	0.00	66	59	79	20	1	5		
04		29.86	0.00	69	68	94	20	1	5	29.93	0.00	61	59	93	00	0	0	29.77	0.00	65	58	79	18	2	5		
07		29.90	0.00	70	69	97	20	2	7	29.96	0.00	60	59	97	00	0	0	29.78	0.00	67	60	79	18	2	9		
10		29.92	0.00	76	69	79	27	5	12	29.95	0.00	74	63	70	27	2	7	29.76	0.00	72	66	81	18	2	6		
13		29.90	0.00	78	69	73	24	2	6	29.92	0.00	78	64	61	27	2	8	29.76	0.00	66	66	98	15	1	3		
16		29.87	0.00	82	68	62	27	3	10	29.86	0.00	81	63	55	18	3	11	29.70	0.00	76	66	72	04	1	3		
19		29.88	0.00	74	67	78	33	0	1	29.83	0.00	78	65	64	20	1	4	29.73	0.00	65	63	96	00	0	0		
22		29.92	0.00	65	62	92	02	1	2	29.81	0.00	68	61	80	18	1	6	29.73	0.00	62	61	97	00	0	0		
AUG 04									AUG 05									AUG 06									
01		29.72	0.00	59	58	97	00	0	0	29.75	0.00	56	55	98	00	0	0	29.85	0.00	49	47	93	00	0	0		
04		29.72	0.00	59	58	98	00	0	0	29.74	0.00	55	54	96	00	1	5	29.85	0.00	50	49	96	00	0	0		
07		29.76	0.00	60	60	98	00	0	0	29.79	0.00	54	52	92	31	0	1	29.86	0.00	51	49	93	00	0	0		
10		29.76	0.00	68	62	83	29	2	7	29.81	0.00	62	52	72	31	1	7	29.89	0.00	58	49	92	33	1	8		
13		29.76	0.00	69	62	77	27	1	5	29.81	0.00	65	52	64	29	2	10	29.88	0.00	58	50	73	00	1	6		
16		29.72	0.00	73	59	63	00	1	4	29.80	0.00	64	52	65	29	4	14	29.86	0.00	60	52	75	31	0	2		
19		29.73	0.00	66	60	81	00	0	0	29.82	0.00	61	48	62	29	3	10	29.85	0.00	61	53	75	27	0	5		
22		29.74	0.00	56	55	95	00	0	0	29.85	0.00	53	48	84	29	1	6	29.87	0.00	53	51	94	00	0	0		
AUG 07									AUG 08									AUG 09									
01		29.87	0.00	53	51	96	00	0	0	29.89	0.01	55	54	97	20	2	5	29.96	0.00	54	52	92	20	1	5		
04		29.85	0.00	53	52	97	00	0	0	29.89	0.00	53	52	97	20	2	4	29.97	0.00	56	52	88	24	2	7		
07		29.86	0.00	54	53	97	00	0	0	29.94	0.00	52	51	98	20	1	3	30.00	0.00	55	51	88	18	2	5		
10		29.88	0.00	56	54	93	31	0	3	29.95	0.00	62	55	77	20	4	8	30.02	0.00	67	57	70	24	3	6		
13		29.86	0.00	59	55	86	31	3	6	29.92	0.00	65	57	74	24	4	11	30.00	0.00	73	60	63	27	3	10		
16		29.84	0.00	64	54	72	00	1	3	29.92	0.00	63	56	78	27	5	9	29.93	0.00	78	58	51	31	1	6		
19		29.86	0.00	61	56	84	24	1	4	29.95	0.00	59	57	94	00	0	0	29.93	0.00	76	62	62	00	0	0		
22		29.88	0.00	56	53	92	20	1	5	29.96	0.00	56	53	91	18	1	3	29.96	0.00	58	56	93	00	0	0		
AUG 10									AUG 11									AUG 12									
01		29.94	0.00	58	56	92	00	0	0	29.76	0.01	65	64	98	20	4	10	29.85	0.00	62	61	96	06	0	2		
04		29.92	0.00	57	55	92	20	1	3	29.74	0.00	65	65	99	18	2	6	29.87	0.00	61	60	97	06	0	3		
07		29.91	0.00	63	54	72	20	3	7	29.77	0.00	66	65	97	20	1	3	29.92	0.00	61	61	98	00	0	0		
10		29.88	0.00	72	60	66	18	4	11	29.79	0.00	74	67	79	20	5	14	29.92	0.00	68	65	92	18	1	5		
13		29.82	0.00	76	64	66	18	7	14	29.76	0.00	78	66	66	20	4	10	29.94	0.02	66	65	97	27	3	10		
16		29.76	0.00	76	64	67	15	5	16	29.74	0.00	79	64	61	18	6	14	29.96	0.00	66	65	95	06	1	3		
19		29.75	0.00	72	63	74	20	1	5	29.76	0.00	70	65	84	18	0	1	29.98	0.00	62	61	96	06	0	3		
22		29.75	0.00	68	64	85	20	2	13	29.80	0.00	71	64	80	27	3	7	29.98	0.00	61	61	98	00	0	0		
AUG 13									AUG 14									AUG 15									
01		29.95	0.00	61	60	98	02	0	2	29.93	0.00	62	62	98	00	0	0	30.20	0.00	56	55	96	00	0	0		
04		29.91	0.00	61	60	98	00	0	0	29.97	0.00	60	59	95	29	0	1	30.20	0.00	56	55	98	00	0	0		
07		29.89	0.00	61	61	98	02	0	1	30.03	0.00	57	56	98	33	0	2	30.24	0.00	55	55	98	00	0	0		
10		29.89	0.01	64	64	99	18	0	3	30.09	0.00	64	58	79	22	1	5	30.24	0.00	66	60	80	00	0	0		
13		29.84	0.00	66	65	98	00	0	1	30.11	0.00	70	58	67	33	0	2	30.21	0.00	72	62	69	18	1	5		
16		29.82	0.00	69	68	95	20	2	6	30.11	0.00	72	59	64	29	2	7	30.17	0.00	77	62	61	29	2	6		
19		29.82	0.00	67	66	96	27	0	1	30.14	0.00	63	59	89	00	0	0	30.19	0.00	68	63	84	00	0	0		
22		29.88	0.00	65	64	97	29	3	6	30.18	0.00	59	58	95	00	0	0	30.20	0.00	63	60	90	00	0	0		
AUG 16									AUG 17									AUG 18									
01		30.19	0.00	62	61	96	00	0	0	30.09	0.00	55	54	98	00	0	0	29.94	0.00	60	58	90	20	2	6		
04		30.19	0.00	61	60	97	18	0	1	30.08	0.00	57	57	99	00	0	0	29.91	0.00	60	57	90	20	2	7		
07		30.20	0.00	61	60	96	00	0	0	30.11	0.00	58	58	99	20	2	7	29.93	0.00	61	58	89	20	2	7		
10		30.17	0.00	69	63	82	22	0	1	30.11	0.00	61	60	99	24	3	7	29.93	0.00	65	61	86	18	3	7		
13		30.14	0.00	69	65	88	29	2	6	30.03	0.00	72	60	65	22	2	7	29.88	0.00	73	63	71	18	3	8		
16		30.12	0.00	61	60	96	00	0	0	29.97	0.00	76	56	51	18	1	6	29.83	0.00	77	65	66	18	5	14		
19		30.09	0.00	61	60	96	18	0	1	29.96	0.00	67	60	80	18	0	2	29.82	0.00	72	62	72	18	2	8		
22		30.09	0.00	57	56	97	00	0	0	29.95	0.00	63	57	80	20	1	3	29.83	0.00	68	63	82	20	2	7		

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ended: Date	00	00	00	00	00	00	00	00	00	00	00	00
Ended: Time	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000

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 2004: 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	Direction	Speed	Gust						Direction	Speed	Gust			
AUG 19									AUG 20									AUG 21															
01		29.81	0.00	68	63	84	18	5	14	29.89	0.00	62	56	83	27	5	11	29.86	0.00	61	56	83	18	0	2								
04		29.77	0.00	66	63	90	20	7	14	29.91	0.00	57	54	88	20	1	5	29.83	0.01	55	54	96	00	0	0								
07		29.77	0.00	66	63	89	18	6	18	29.94	0.00	54	53	97	00	0	0	29.80	0.00	55	54	97	18	0	1								
10		29.78	0.00	70	65	84	18	8	17	29.93	0.00	66	59	79	20	5	12	29.79	0.02	58	58	98	20	0	1								
13		29.73	0.00	74	67	79	20	8	18	29.89	0.00	73	60	64	24	3	8	29.77	0.00	59	58	97	00	0	0								
16		29.78	0.00	65	63	94	29	2	7	29.87	0.00	70	62	76	18	3	11	29.78	0.00	63	59	86	29	1	6								
19		29.80	0.00	69	63	80	20	0	4	29.88	0.00	68	63	83	24	0	2	29.84	0.00	58	49	70	29	0	2								
22		29.85	0.00	62	59	91	20	0	3	29.85	0.00	64	62	94	00	0	0	29.90	0.00	51	47	85	27	0	3								
AUG 22									AUG 23									AUG 24															
01		29.96	0.00	49	48	95	00	0	0	29.90	0.00	54	51	87	18	1	3	30.09	0.00	50	49	97	00	0	3								
04		29.99	0.00	47	47	98	00	0	0	29.86	0.00	55	51	85	18	2	7	30.13	0.00	47	45	95	00	0	2								
07		30.05	0.00	45	44	98	00	0	0	29.86	0.00	57	52	85	18	5	12	30.20	0.00	45	44	97	00	0	0								
10		30.04	0.00	61	51	70	31	0	2	29.84	0.00	64	55	72	18	6	12	30.24	0.00	58	51	78	31	2	5								
13		30.01	0.00	67	52	60	27	1	6	29.84	0.00	67	60	76	20	4	10	30.23	0.00	63	53	71	29	2	6								
16		29.95	0.00	69	55	59	18	2	8	29.82	0.00	69	62	79	22	3	11	30.19	0.00	67	52	58	29	1	5								
19		29.92	0.00	62	54	75	00	0	0	29.94	0.00	61	58	90	29	2	7	30.20	0.00	65	53	65	00	0	1								
22		29.91	0.00	56	51	84	20	0	2	30.05	0.00	53	50	89	00	1	6	30.23	0.00	49	47	96	00	0	0								
AUG 25									AUG 26									AUG 27															
01		30.25	0.00	47	46	97	00	0	0	30.15	0.00	65	61	86	18	5	11	30.06	0.00	64	61	89	20	4	10								
04		30.23	0.00	45	44	98	00	0	0	30.16	0.00	63	59	85	18	4	11	30.03	0.00	63	61	91	18	3	7								
07		30.27	0.00	45	44	98	00	0	0	30.19	0.00	62	58	87	18	6	12	30.05	0.00	65	61	88	18	5	11								
10		30.26	0.00	66	58	77	18	2	8	30.17	0.00	69	60	73	27	6	20	30.02	0.00	71	65	81	20	5	16								
13		30.22	0.00	73	61	66	18	5	13	30.12	0.00	73	61	66	18	8	18	29.95	0.00	77	68	74	18	5	11								
16		30.19	0.00	75	64	68	20	5	14	30.06	0.00	77	63	64	20	7	16	29.88	0.00	79	69	72	22	4	11								
19		30.20	0.00	69	62	80	18	5	14	30.06	0.00	71	61	69	20	5	13	29.86	0.00	73	69	85	18	4	13								
22		30.17	0.00	66	61	86	20	6	14	30.07	0.00	67	61	80	18	4	13	29.86	0.00	72	70	91	18	5	12								
AUG 28									AUG 29									AUG 30															
01		29.84	0.00	72	69	89	20	2	6	29.84	0.19	70	69	98	24	0	2	29.87	0.00	67	66	97	15	3	7								
04		29.80	0.00	71	68	92	18	4	7	29.84	0.00	68	67	98	00	0	2	29.89	0.00	67	67	98	18	1	3								
07		29.85	0.00	71	68	92	20	3	8	29.84	0.00	67	66	98	00	0	0	29.96	0.00	67	67	99	24	0	2								
10		29.85	0.00	77	71	84	27	2	6	29.84	0.00	75	72	89	18	4	11	29.96	0.00	66	65	99	04	0	2								
13		29.83	0.00	81	69	67	27	4	7	29.80	0.00	81	74	79	18	6	14	29.99	0.12	65	65	99	09	0	2								
16		29.80	0.00	83	71	68	24	1	3	29.75	0.00	81	73	75	18	2	6	29.95	0.00	69	68	96	24	1	4								
19		29.82	0.00	74	71	90	00	0	0	29.82	0.00	67	67	98	15	0	4	29.95	0.00	66	66	98	00	0	0								
22		29.84	0.00	70	69	97	00	0	0	29.85	0.00	68	68	100	18	2	6	29.93	0.00	66	65	99	00	0	0								
AUG 31																																	
01		29.92	0.01	65	65	99	00	0	0																								
04		29.89	0.00	63	63	99	27	0	1																								
07		29.95	0.00	59	59	99	29	3	7																								
10		29.98	0.00	60	60	99	31	1	6																								
13		29.97	0.00	68	63	84	00	3	8																								
16		29.94	0.00	71	62	73	29	1	6																								
19		29.97	0.00	68	59	75	00	0	0																								
22		30.03	0.00	58	55	87	24	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

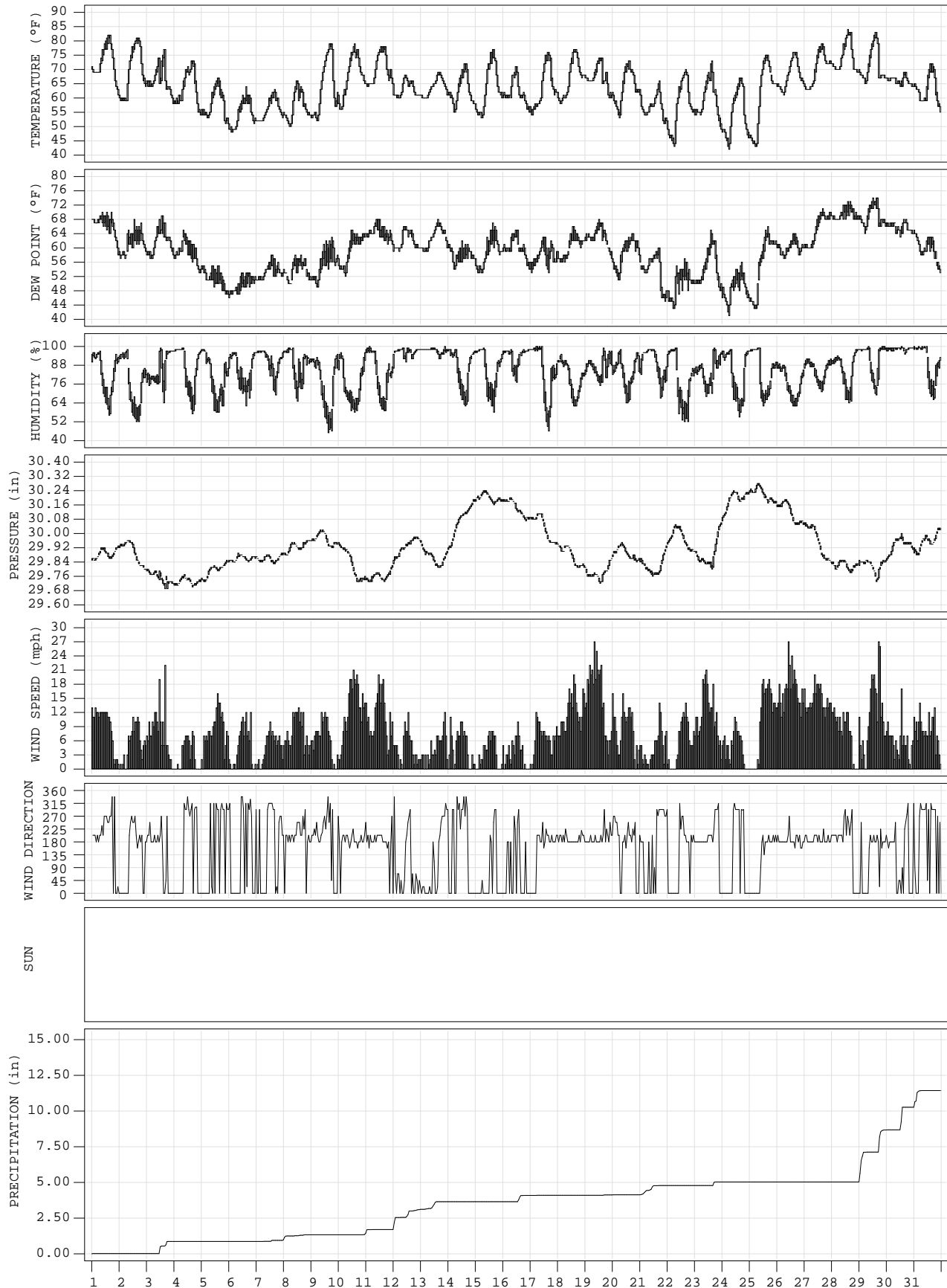
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		29.933	60	58	93	1.2	20	1.1
04		29.926	59	57	94	1.1	19	1.0
07		29.955	59	57	94	1.4	19	1.2
10		29.957	66	61	82	2.5	22	1.8
13		29.932	70	62	75	2.9	22	1.9
16		29.901	72	62	72	2.5	22	1.5
19		29.915	67	61	81	0.8	21	0.6
22		29.934	61	58	90	1.1	21	0.8

HOURLY PRECIPITATION (Water Equivalent)
August 2004: Westford

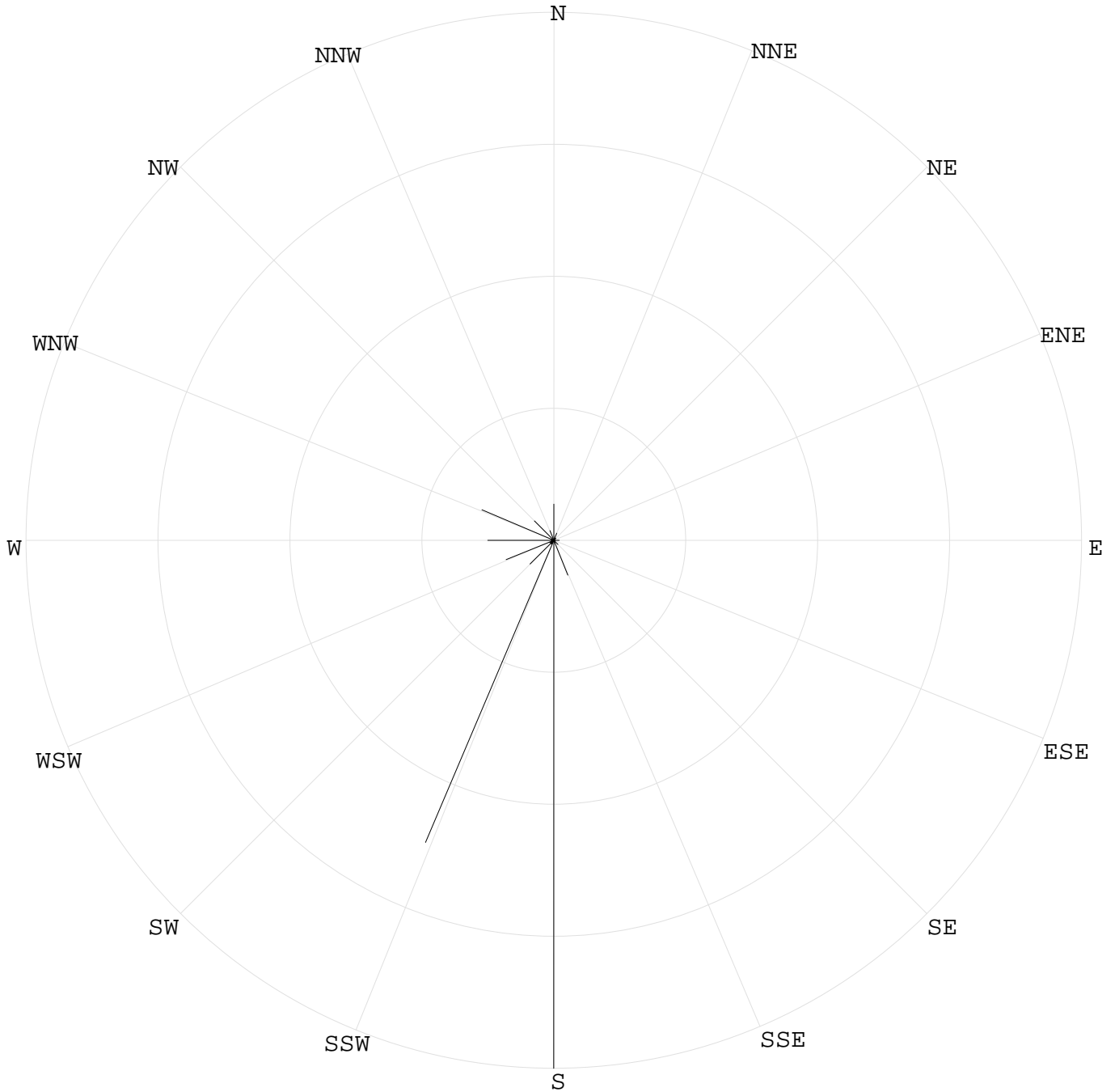
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date	
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12		
01	0.01																							01		
02																								02		
03												0.47	0.06				0.09	0.23						03		
04																								04		
05																								05		
06																								06		
07																								07		
08	0.19	0.07	0.01										0.01	0.06	0.01									08		
09										0.01				0.03	0.01				0.02	0.01				09		
10																						0.01	0.01	0.10	10	
11	0.23	0.01				0.01																		11		
12	0.50	0.34										0.06	0.13	0.25	0.01			0.01	0.02	0.01	0.03	0.02		12		
13				0.01	0.02	0.01	0.02			0.05	0.13	0.12	0.14	0.04										13		
14																								14		
15																								15		
16																								16		
17						0.01								0.14	0.20	0.09			0.01					17		
18																								18		
19																				0.02				19		
20	0.01																							20		
21	0.01	0.02	0.04	0.08	0.09	0.06	0.01			0.03	0.05	0.16	0.08	0.01					0.01					21		
22																								22		
23																			0.22	0.03				23		
24																								24		
25																								25		
26																								26		
27																								27		
28																								28		
29	0.61	0.90	0.30	0.27																	1.05	0.36	0.09	0.03	0.02	29
30	0.01												0.54	1.04											30	
31	0.39	0.05	0.59	0.08	0.04	0.01	0.01																		31	
Sum	1.96	1.39	0.94	0.44	0.15	0.10	0.07	0.00	0.03	0.11	0.29	0.73	0.89	1.56	0.22	0.09	0.34	1.34	0.40	0.10	0.06	0.05	0.01	0.16	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 2004: Westford



Wind Rose: August 2004
Westford



Maximum direction of wind: 555.4 miles from 180°.
1299.2 total miles of wind.