

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

August 2003

Station: Westford

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

Date	Temperature				Humidity	Deg. Days		Precip Ty 1 fog 2 hvy fog 3 thunder 4 ice plt 5 hail 6 glaze 7 duststm 8 smk, hz 9 blw snw	Snow Cvr	Precip		Pressure			Wind						Sun		
	Maximum	Minimum	Average	Mean		Mean	Heating			Cooling	Water Equivalent	Ice Pellets Snow	Adj. to Sea Level			Avg Speed	Res Speed	Res Dir	Peak			Minute	
													Maximum	Minimum	Mean				Speed	Dir		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	68.3	58.9	63.6	62.8	56	79	2	0	.....	0	0.06	0.0	30.13	30.01	30.076	0.7	0.6	160	18	SSE	0	0
2	77.6	60.2	68.9	67.3	63	88	0	3	.....	0	0.00	0.0	30.02	29.95	29.986	0.2	0.1	239	8	SSW	0	0
3	85.3	64.5	74.9	73.8	70	88	0	9	..3.....	0	1.90	0.0	30.02	29.93	29.980	1.2	1.0	192	19	SSW	3	286	
4	82.6	68.1	75.3	73.7	70	89	0	10	..3.....	0	0.94	0.0	29.95	29.83	29.894	1.7	1.5	183	16	S	0	0	
5	85.1	67.3	76.2	73.7	70	89	0	11	..3.....	0	0.54	0.0	29.85	29.74	29.801	1.0	0.7	187	11	SSW	0	0	
6	78.8	62.9	70.9	70.2	67	90	0	5	.....	0	0.07	0.0	29.82	29.72	29.772	1.9	1.8	196	14	SW	0	0
7	82.0	62.3	72.1	71.0	66	86	0	7	.....	0	0.00	0.0	29.89	29.82	29.850	1.2	1.2	186	13	S	0	0
8	84.0	62.3	73.1	71.4	67	87	0	8	.....	0	0.00	0.0	29.90	29.81	29.855	0.5	0.4	275	11	W	0	0
9	82.4	63.9	73.2	70.6	68	93	0	8	..3.....	0	0.53	0.0	29.99	29.90	29.954	0.3	0.2	342	16	S	0	0	
10	82.2	66.4	74.3	71.8	69	92	0	9	..3.....	0	1.41	0.0	29.96	29.80	29.879	1.7	1.4	196	18	WNW	10	296	
11	79.2	68.3	73.8	71.9	69	93	0	8	1.....	0	0.01	0.0	29.99	29.86	29.916	0.5	0.3	276	10	WNW	0	0	
12	81.2	65.8	73.5	70.4	68	93	0	8	..3.....	0	0.04	0.0	30.17	30.00	30.086	0.3	0.2	305	12	S	0	0	
13	83.0	65.2	74.1	73.2	67	83	0	9	..2.....	0	0.00	0.0	30.24	30.15	30.190	0.8	0.6	309	14	W	0	0	
14	83.0	66.4	74.7	74.1	67	80	0	9	.....	0	0.00	0.0	30.24	30.12	30.180	0.9	0.8	287	13	WNW	0	0
15	84.5	62.0	73.3	74.0	66	77	0	8	.....	0	0.00	0.0	30.14	29.81	30.003	1.7	1.3	209	14	SW	0	0
16	78.6	64.2	71.4	71.5	65	79	0	6	.....	0	0.00	0.0	29.81	29.68	29.722	2.8	1.6	253	20	W	0	0
17	73.5	56.0	64.8	63.9	59	86	1	0	.....	0	0.00	0.0	29.96	29.79	29.893	0.4	0.4	347	13	N	0	0
18	78.8	55.4	67.1	65.4	60	86	0	2	.....	0	0.00	0.0	30.08	29.97	30.033	0.5	0.4	319	12	N	0	0
19	81.6	56.3	68.9	69.3	60	73	0	3	.....	0	0.00	0.0	30.13	30.01	30.066	1.9	1.5	223	13	WSW	0	0
20	84.7	65.0	74.8	72.8	63	72	0	9	.....	0	0.00	0.0	30.10	29.98	30.031	1.6	1.4	216	13	SSW	0	0
21	83.4	61.5	72.5	72.7	65	79	0	7	.....	0	0.00	0.0	30.02	29.76	29.914	1.5	1.3	196	14	S	0	0
22	81.8	59.8	70.8	72.9	65	76	0	5	.....	0	0.00	0.0	29.77	29.65	29.708	3.4	2.3	241	19	W	0	0
23	68.9	54.4	61.7	62.4	47	58	4	0	.....	0	0.00	0.0	29.93	29.73	29.832	4.3	4.0	284	25	WNW	0	0
24	68.6	48.5	58.5	58.3	44	61	7	0	.....	0	0.00	0.0	30.03	29.92	29.959	3.5	3.4	290	21	W	0	0
25	62.0	53.8	57.9	58.8	54	84	8	0	.....	0	0.06	0.0	29.92	29.82	29.870	1.1	0.9	185	11	SSW	0	0
26	74.7	57.3	66.0	66.1	60	81	0	0	.....	0	0.02	0.0	29.91	29.59	29.796	2.2	2.0	183	21	S	1	193
27	76.0	52.9	64.5	68.0	57	69	1	0	.....	0	0.00	0.0	29.91	29.57	29.710	3.9	3.2	253	26	WNW	0	0
28	64.3	44.9	54.6	54.6	48	80	11	0	.....	0	0.00	0.0	30.14	29.92	30.075	1.4	1.3	295	12	WNW	0	0
29	73.0	43.5	58.3	60.7	57	88	7	0	..3.....	0	0.68	0.0	30.13	29.79	29.941	4.7	4.4	186	27	SSW	0	0	
30	69.9	46.0	58.0	58.7	53	81	8	0	.....	0	0.00	0.0	30.23	29.81	30.045	2.7	2.2	285	20	WNW	0	0
31	70.4	41.2	55.8	55.3	47	76	10	0	.....	0	0.00	0.0	30.34	30.19	30.256	1.8	1.5	196	14	S	0	0
Sum	Sum	-----	-----	---	----	Ttl	Ttl						For the month:						---				
2409	1825					59	144	Number of Days		6.26	0.0	30.34	29.57	29.944	1.7	1.0	233	27	SSW	10	296		
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl	Date	Date	-----	----	----	----	----	Date	Date	Avg			
77.7	58.9	68.3	67.8	62	81.8	----	----	>.01 inch	12	27.06	0.0	31	27	-----	----	----	----	29	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		78	300	Thunder	7	Precipitation		Snow, Ice Plts											
> 90°F	< 32°F	< 32°F	< 0°F	----	----	Heavy Fog	1	1.90	2- 3	0.0	-	0											
0	0	0	0	----	----	Clear	4	Partly Cloudy	20	Cloudy	7												

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 2003: Westford

Hour	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Wind			Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Wind			Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Wind				
						Humidity	Direction	Speed						Gust	Humidity	Direction						Speed	Gust	Humidity	Direction	Speed	Gust
AUG 01									AUG 02									AUG 03								
01		30.10	0.00	66	56	68	18	0	3	30.00	0.00	60	59	96	00	0	0	29.98	0.00	65	64	98	00	0	0	
04		30.08	0.00	64	50	60	15	0	2	29.98	0.00	61	59	96	00	0	0	29.99	0.00	67	66	97	20	1	3	
07		30.11	0.00	64	51	62	15	1	4	30.00	0.00	61	60	94	00	0	0	30.00	0.00	69	69	99	20	0	3	
10		30.11	0.00	60	54	79	13	2	7	30.01	0.00	66	63	90	20	1	4	30.01	0.00	76	73	91	18	2	7	
13		30.09	0.00	62	56	80	13	2	8	29.99	0.00	73	66	78	24	1	3	29.98	0.00	83	75	78	20	2	9	
16		30.07	0.00	65	59	81	10	0	0	29.98	0.00	77	67	72	00	0	0	29.95	0.00	83	75	76	00	0	0	
19		30.03	0.00	62	59	91	00	0	0	29.97	0.00	76	68	76	04	0	1	29.94	0.00	78	69	75	18	1	3	
22		30.03	0.00	61	59	96	00	0	0	29.97	0.00	66	66	98	00	0	0	29.97	0.00	71	70	96	09	0	1	
AUG 04									AUG 05									AUG 06								
01		29.94	0.00	71	69	96	15	0	3	29.83	0.00	69	69	99	00	0	0	29.74	0.00	67	67	98	18	0	2	
04		29.94	0.00	70	68	95	20	1	3	29.82	0.00	70	69	98	11	0	2	29.74	0.00	67	67	98	20	0	1	
07		29.94	0.00	71	69	93	20	0	1	29.84	0.00	70	70	98	18	0	2	29.77	0.00	68	67	98	18	1	5	
10		29.92	0.00	77	71	83	18	3	7	29.84	0.00	75	71	86	18	2	8	29.80	0.00	72	69	90	20	5	9	
13		29.89	0.00	79	72	80	15	1	5	29.80	0.00	81	72	76	18	3	7	29.77	0.00	78	68	70	22	4	14	
16		29.83	0.00	77	73	89	18	5	11	29.75	0.00	85	72	66	20	2	6	29.75	0.00	79	69	72	20	3	10	
19		29.84	0.00	74	71	91	00	0	1	29.76	0.00	72	68	89	00	0	0	29.78	0.00	71	66	86	20	0	3	
22		29.85	0.00	69	69	98	02	0	2	29.76	0.00	70	69	98	13	0	2	29.82	0.00	66	65	95	18	3	8	
AUG 07									AUG 08									AUG 09								
01		29.82	0.00	65	64	98	18	1	6	29.87	0.00	65	64	98	00	0	0	29.90	0.00	65	64	98	00	0	0	
04		29.84	0.00	63	62	97	18	0	3	29.85	0.00	64	63	99	00	0	0	29.92	0.00	64	63	98	00	0	0	
07		29.86	0.00	66	65	98	20	1	3	29.86	0.00	64	64	99	00	0	0	29.97	0.00	67	67	99	18	1	4	
10		29.88	0.00	72	69	92	18	2	6	29.87	0.00	76	69	79	31	0	1	29.99	0.00	75	71	87	00	0	0	
13		29.86	0.00	79	70	75	18	5	13	29.83	0.00	83	72	68	29	1	4	29.96	0.00	81	74	78	00	1	6	
16		29.83	0.00	81	69	66	18	0	2	29.82	0.00	82	74	76	27	3	7	29.97	0.06	69	67	93	11	1	6	
19		29.83	0.00	79	69	72	20	0	2	29.85	0.00	70	67	88	00	0	0	29.97	0.00	70	69	96	00	0	1	
22		29.87	0.00	68	67	96	00	0	0	29.89	0.00	67	66	97	00	0	0	29.96	0.00	69	68	99	00	0	0	
AUG 10									AUG 11									AUG 12								
01		29.94	0.01	67	67	99	00	0	0	29.87	0.00	69	69	99	20	0	1	30.01	0.00	68	67	98	00	0	0	
04		29.92	0.00	67	67	99	00	0	0	29.87	0.00	69	69	99	00	0	0	30.01	0.00	67	66	98	00	0	0	
07		29.91	0.00	68	68	99	00	0	0	29.91	0.00	69	69	100	20	2	5	30.07	0.00	67	66	98	00	0	0	
10		29.90	0.00	73	71	95	18	3	7	29.93	0.00	72	70	95	27	1	5	30.09	0.00	75	70	85	29	0	1	
13		29.87	0.00	78	72	82	18	2	6	29.93	0.00	77	71	82	29	2	5	30.10	0.00	79	73	82	29	0	3	
16		29.82	0.00	80	72	75	18	5	12	29.91	0.00	77	72	82	29	2	7	30.12	0.00	71	67	87	18	4	8	
19		29.83	0.00	68	67	96	29	8	13	29.93	0.00	72	70	92	00	0	0	30.13	0.00	69	68	96	09	0	2	
22		29.86	0.00	67	67	99	00	0	0	29.98	0.00	69	68	98	00	0	0	30.15	0.00	68	67	98	00	0	0	
AUG 13									AUG 14									AUG 15								
01		30.16	0.00	68	68	99	00	0	0	30.19	0.00	69	65	87	20	0	2	30.13	0.00	68	66	91	00	0	0	
04		30.17	0.00	65	65	99	00	0	0	30.20	0.00	70	66	87	22	1	3	30.10	0.00	64	63	97	00	0	0	
07		30.20	0.00	68	68	99	33	0	3	30.23	0.00	69	65	88	24	0	1	30.09	0.00	66	65	98	18	1	5	
10		30.24	0.00	74	69	85	06	0	3	30.22	0.00	76	68	76	27	3	8	30.07	0.00	76	68	78	20	3	8	
13		30.21	0.00	81	70	69	31	2	5	30.20	0.00	81	66	62	29	2	6	30.02	0.00	81	66	60	29	2	7	
16		30.17	0.00	83	67	59	00	1	7	30.15	0.00	83	70	65	00	1	7	29.93	0.00	84	70	62	24	3	7	
19		30.17	0.00	80	68	67	02	0	1	30.12	0.00	80	69	69	00	0	0	29.86	0.00	80	68	67	18	1	3	
22		30.20	0.00	71	63	76	18	1	5	30.14	0.00	68	67	96	00	0	0	29.85	0.00	74	65	74	20	1	5	
AUG 16									AUG 17									AUG 18								
01		29.80	0.00	73	66	79	18	2	7	29.80	0.00	61	57	86	00	0	2	29.97	0.00	59	58	99	00	0	0	
04		29.73	0.00	68	64	88	18	3	7	29.83	0.00	60	58	94	33	0	2	29.99	0.00	57	57	99	00	0	0	
07		29.70	0.00	69	65	87	18	4	8	29.89	0.00	57	56	98	00	0	0	30.04	0.00	60	60	98	00	0	0	
10		29.69	0.00	72	68	88	20	2	7	29.92	0.00	63	59	87	02	0	1	30.06	0.00	65	63	94	29	1	3	
13		29.68	0.00	76	67	73	31	4	8	29.91	0.00	70	62	77	00	0	3	30.05	0.00	75	66	73	27	1	5	
16		29.70	0.00	76	63	65	29	5	12	29.90	0.00	73	64	73	00	2	8	30.03	0.00	78	63	59	00	1	5	
19		29.71	0.00	74	63	70	29	2	6	29.92	0.00	69	63	80	00	0	1	30.02	0.00	77	62	61	00	0	0	
22		29.76	0.00	67	62	83	00	1	7	29.96	0.00	59	58	97	00	0	0	30.07	0.00	58	57	95	00	0	0	

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
Ended: Date	10	10	10	10	10	10	10	10	10	10	10	10
Ended: Time	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839

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 2003: 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		30.08	0.00	59	56	92	20	1	3	30.05	0.00	71	55	58	24	2	7	30.01	0.00	67	65	95	00	0	0								
04		30.07	0.00	59	56	89	20	2	5	30.03	0.00	66	58	75	18	1	6	30.01	0.00	62	61	96	15	0	1								
07		30.11	0.00	60	57	89	18	1	1	30.05	0.00	66	58	76	20	4	9	30.01	0.00	63	62	97	18	2	5								
10		30.11	0.00	73	63	71	24	3	3	30.10	0.00	70	62	75	18	4	8	29.97	0.00	75	66	74	18	3	7								
13		30.07	0.00	79	65	63	22	1	1	30.04	0.00	80	66	62	20	4	8	29.92	0.00	81	66	59	20	1	6								
16		30.03	0.00	81	60	48	24	3	3	29.99	0.00	85	68	58	27	0	3	29.85	0.00	83	64	54	18	3	12								
19		30.01	0.00	79	65	62	00	0	0	29.99	0.00	81	70	70	00	0	0	29.79	0.00	78	67	70	18	4	10								
22		30.05	0.00	69	59	69	27	0	3	30.01	0.00	66	65	96	00	0	0	29.78	0.00	71	66	85	18	2	6								
AUG 22									AUG 23									AUG 24															
01		29.75	0.00	71	67	89	18	4	8	29.73	0.00	63	55	76	20	0	3	29.93	0.00	53	41	63	29	0	3								
04		29.68	0.00	72	67	85	18	4	8	29.75	0.00	61	54	78	29	2	10	29.96	0.00	50	40	67	29	3	8								
07		29.71	0.00	71	66	84	18	3	8	29.84	0.00	56	48	75	29	2	5	30.02	0.00	49	40	71	29	2	5								
10		29.73	0.00	75	67	76	27	4	16	29.87	0.00	64	48	56	27	7	12	30.02	0.00	59	45	60	29	5	11								
13		29.70	0.00	79	67	68	24	4	8	29.84	0.00	67	48	50	27	9	14	29.97	0.00	64	46	51	29	7	16								
16		29.66	0.00	81	63	54	27	6	14	29.84	0.00	68	44	42	29	10	20	29.93	0.00	68	43	40	27	8	17								
19		29.69	0.00	75	61	63	29	3	10	29.86	0.00	64	37	37	29	7	17	29.93	0.00	63	49	60	29	1	7								
22		29.75	0.00	61	56	82	15	0	2	29.92	0.00	56	40	55	33	1	8	29.92	0.00	60	48	65	27	1	5								
AUG 25									AUG 26									AUG 27															
01		29.91	0.00	58	49	70	18	1	1	29.91	0.00	61	60	97	27	0	1	29.60	0.00	70	64	81	20	4	8								
04		29.90	0.00	54	50	85	22	0	2	29.91	0.00	60	58	95	29	0	1	29.58	0.00	69	63	81	20	4	14								
07		29.89	0.00	56	50	80	18	2	5	29.91	0.00	58	56	96	00	0	0	29.67	0.00	67	61	80	27	3	10								
10		29.84	0.00	58	50	76	18	3	8	29.88	0.00	67	60	76	18	3	7	29.69	0.00	72	60	67	24	3	8								
13		29.82	0.00	60	54	83	18	2	5	29.82	0.00	73	59	61	18	3	7	29.69	0.00	75	54	48	24	8	18								
16		29.83	0.00	61	57	86	20	0	5	29.73	0.00	75	59	59	18	4	10	29.72	0.00	72	54	54	29	8	14								
19		29.87	0.00	61	59	94	00	0	0	29.65	0.00	69	61	76	18	3	8	29.79	0.00	67	53	62	29	3	10								
22		29.90	0.00	61	60	97	00	0	0	29.60	0.00	67	63	85	18	6	19	29.88	0.00	56	47	72	29	1	5								
AUG 28									AUG 29									AUG 30															
01		29.94	0.00	52	49	87	00	0	0	30.13	0.00	46	46	98	00	0	0	29.83	0.00	69	68	96	18	1	6								
04		29.99	0.00	49	46	89	00	0	0	30.09	0.00	44	43	97	00	0	0	29.88	0.00	64	59	84	27	2	6								
07		30.07	0.00	52	47	85	29	4	10	30.05	0.00	53	48	83	18	3	6	29.96	0.00	60	57	88	29	6	14								
10		30.13	0.00	54	48	79	29	4	9	29.96	0.00	64	53	68	18	8	18	30.04	0.00	58	52	81	29	6	13								
13		30.12	0.00	62	50	65	29	3	10	29.89	0.00	73	61	66	18	9	18	30.08	0.00	59	51	75	27	2	7								
16		30.10	0.00	63	50	62	27	5	11	29.82	0.00	69	65	86	18	8	21	30.11	0.00	61	51	69	31	5	11								
19		30.11	0.00	59	50	72	00	0	0	29.80	0.00	69	67	96	20	7	17	30.15	0.00	58	48	70	00	0	3								
22		30.13	0.00	48	46	94	00	0	0	29.81	0.00	69	68	95	20	5	13	30.22	0.00	46	44	93	00	0	0								
AUG 31																																	
01		30.24	0.00	45	43	93	00	0	0																								
04		30.28	0.00	42	41	97	00	0	2																								
07		30.31	0.00	43	42	98	13	0	1																								
10		30.33	0.00	59	48	68	20	6	13																								
13		30.28	0.00	67	48	50	27	2	6																								
16		30.22	0.00	68	53	58	20	3	10																								
19		30.20	0.00	60	49	67	18	1	5																								
22		30.20	0.00	55	48	76	20	1	3																								

WEATHER NOTES

SUMMARY BY HOUR

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.

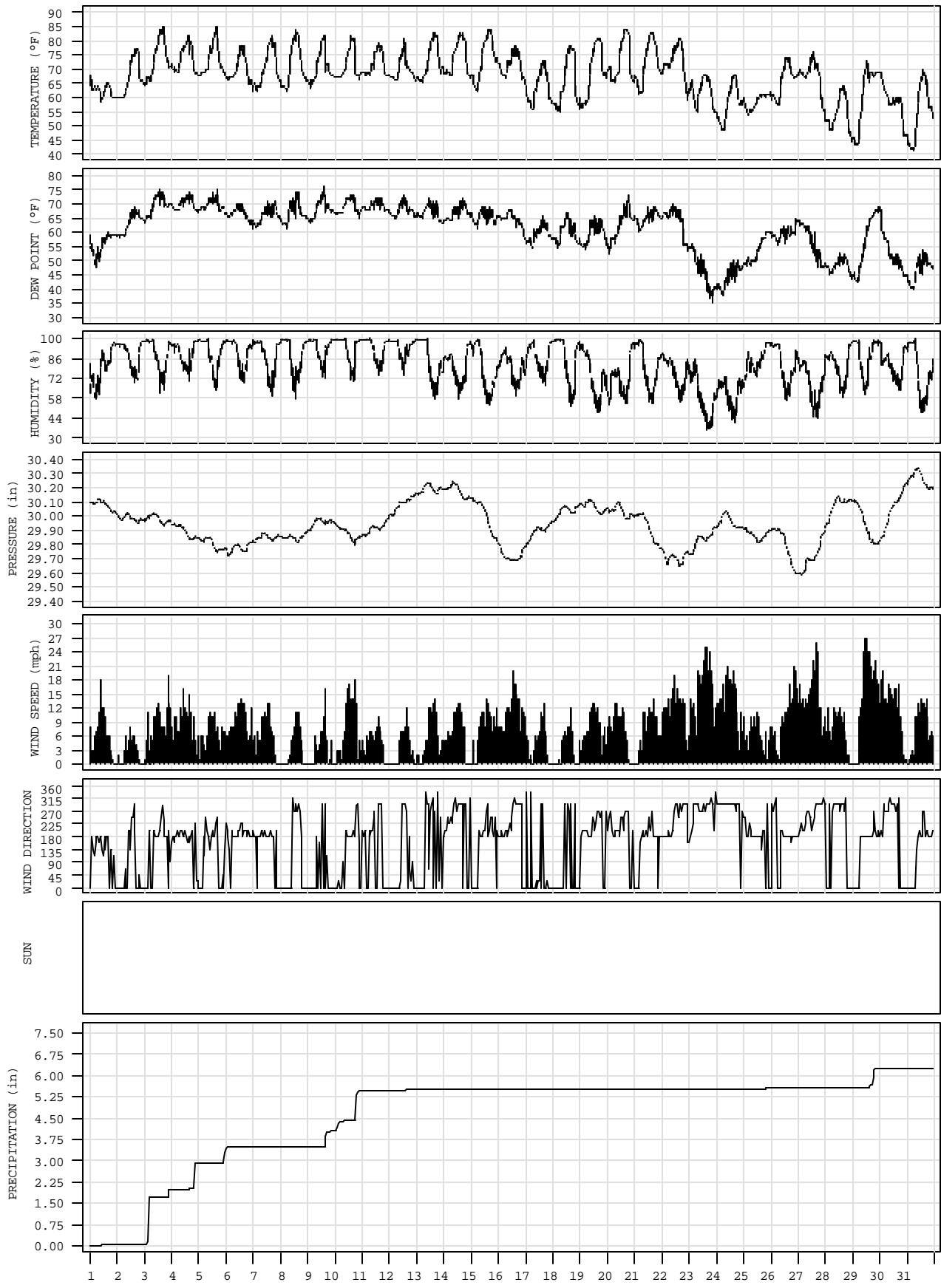
Hour	Averages						Resultant wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		29.941	64	60	90	0.5	19	0.5
04		29.939	62	59	91	0.8	22	0.6
07		29.967	63	60	91	1.4	22	0.9
10		29.975	69	63	80	2.9	22	2.0
13		29.947	75	64	69	2.9	24	1.9
16		29.919	75	63	67	3.3	25	1.9
19		29.920	71	63	76	1.3	25	0.8
22		29.943	64	61	89	0.7	20	0.5

**HOURLY PRECIPITATION (Water Equivalent)
August 2003: Westford**

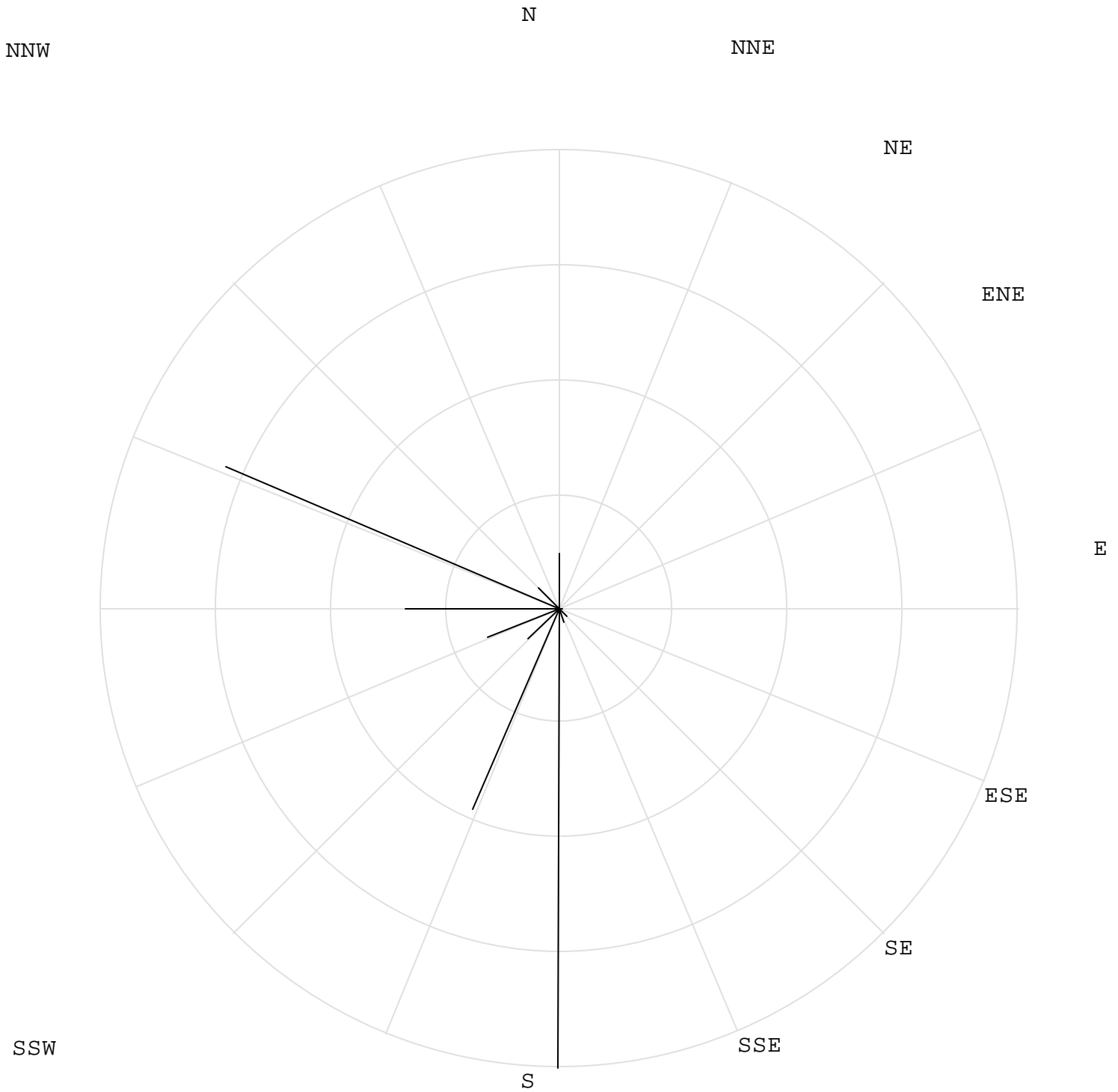
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date	
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12		
01										0.01	0.02	0.02							0.01						01	
02																										02
03			0.12	1.54				0.02														0.22				03
04							0.01								0.08					0.06	0.79					04
05	0.01				0.01																0.03	0.31	0.18			05
06	0.03		0.01																	0.02			0.01			06
07																										07
08																										08
09															0.37	0.14				0.02						09
10	0.04	0.08	0.14	0.06	0.02			0.04											0.91	0.11	0.01					10
11					0.01																					11
12								0.01								0.03										12
13																										13
14																										14
15																										15
16																										16
17																										17
18																										18
19																										19
20																										20
21																										21
22																										22
23																										23
24																										24
25					0.02										0.02					0.02						25
26	0.02																									26
27																										27
28															0.01	0.06	0.01		0.30	0.24	0.06					28
29																										29
30																										30
31																										31
Sum	0.10	0.08	0.27	1.60	0.06	0.00	0.01	0.06	0.01	0.01	0.02	0.02	0.00	0.01	0.11	0.46	0.14	0.30	1.16	0.29	0.80	0.25	0.32	0.18	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 2003: Westford



Wind Rose: August 2003
Westford



Maximum direction of wind: 400.8 miles from 180°.
1256.2 total miles of wind.