

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

August 2010

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	
	Maximum	Minimum	Average	Mean	Dew Point		Heating Base 65°F	Cooling Base 65°F			Water Equivalent	Ice Pellets Snow	Maximum	Minimum	Mean	Avg	Res	Res	Peak		Minute		
																			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	81.1	48.1	64.6	64.7	55	74	0	0	.....	0	0.00	0.0	30.03	29.96	29.991	0.4	0.4	220	11	S	6	251
2	80.7	60.7	70.7	68.4	63	82	0	6	..3.....	0	1.86	0.0	30.05	29.96	30.009	2.3	2.0	215	26	WNW	14	310	
3	78.7	63.5	71.1	69.4	67	92	0	7	..3.....	0	0.55	0.0	29.99	29.77	29.902	2.1	2.0	209	17	SSW	10	216	
4	86.7	65.9	76.3	75.4	70	84	0	12	.....	0	2.19	0.0	29.81	29.63	29.715	2.1	1.9	227	18	NW	11	305
5	84.5	70.7	77.6	75.6	68	79	0	13	.....	0	T	0.0	29.63	29.44	29.527	1.6	1.5	239	15	W	9	303
6	73.0	47.1	60.0	63.6	55	74	5	0	.....	0	0.12	0.0	29.79	29.50	29.626	2.7	2.6	301	24	WNW	15	306
7	71.1	47.8	59.4	57.7	49	75	5	0	.....	0	0.00	0.0	29.95	29.78	29.891	0.7	0.7	303	14	W	8	295
8	73.1	48.8	60.9	62.2	55	79	4	0	.....	0	0.32	0.0	29.96	29.86	29.919	1.6	1.5	210	16	SW	11	222
9	81.5	62.3	71.9	70.1	66	86	0	7	..3.....	0	0.57	0.0	29.92	29.83	29.874	1.2	1.1	245	18	W	11	292	
10	84.7	58.9	71.8	68.7	64	86	0	7	.23.....	0	0.52	0.0	29.89	29.80	29.857	0.5	0.2	284	19	NNE	8	44	
11	81.0	55.8	68.4	66.6	61	83	0	4	.2.....	0	0.01	0.0	29.91	29.86	29.879	0.4	0.4	325	10	W	5	310	
12	80.2	51.6	65.9	65.4	59	81	0	1	.....	0	0.01	0.0	29.93	29.88	29.897	0.5	0.3	351	11	WNW	6	313
13	82.6	57.7	70.1	68.3	62	81	0	6	.....	0	0.00	0.0	30.02	29.93	29.988	0.7	0.7	225	12	S	7	217
14	80.9	61.9	71.4	69.9	61	74	0	7	.....	0	0.00	0.0	30.08	29.96	30.016	1.9	1.9	209	15	SSW	10	212
15	75.8	63.1	69.5	68.9	59	71	0	5	.....	0	0.00	0.0	29.97	29.84	29.921	5.2	5.2	210	26	SSW	12	215
16	81.7	65.3	73.5	71.2	64	79	0	9	.....	0	0.05	0.0	29.88	29.75	29.799	5.2	5.0	215	25	S	13	219
17	80.3	58.9	69.6	69.3	57	66	0	5	.....	0	0.00	0.0	29.97	29.86	29.904	2.2	1.8	244	17	NW	10	313
18	74.8	53.3	64.1	64.7	56	75	1	0	.....	0	0.00	0.0	30.03	29.93	29.981	0.5	0.5	278	11	WNW	6	318
19	81.9	49.6	65.8	66.4	56	73	0	1	.....	0	0.00	0.0	29.93	29.71	29.840	1.2	1.0	264	22	WNW	11	292
20	71.0	48.4	59.7	60.8	51	73	5	0	.....	0	0.00	0.0	30.03	29.80	29.946	1.3	1.2	332	14	NW	9	299
21	71.0	45.6*	58.3*	58.0	54	86	6	0	.....	0	0.16	0.0	30.07	29.95	30.020	0.3	0.1	184	15	SSE	6	194
22	67.6	59.0	63.3	62.3	61	94	1	0	.....	0	0.66	0.0	29.99	29.93	29.969	0.4	0.2	115	15	SSE	7	191
23	70.8	54.8	62.8	61.3	57	86	2	0	.....	0	0.26	0.0	30.12	29.96	30.054	0.4	0.4	53	11	ENE	6	127
24	78.0	50.6	64.3	63.1	56	81	0	0	.....	0	0.00	0.0	30.13	30.01	30.067	0.5	0.4	43	13	NNE	6	30
25	74.6	59.0	66.8	65.5	60	83	0	2	.....	0	0.00	0.0	30.01	29.79	29.892	0.3	0.2	51	10	NNE	4	37
26	74.7	59.4	67.0	64.6	60	86	0	2	.....	0	0.03	0.0	29.96	29.77	29.846	2.1	2.1	296	20	NW	13	298
27	71.0	51.9	61.5	59.9	52	78	3	0	.....	0	0.00	0.0	30.09	29.96	30.041	1.5	1.5	309	14	NNW	7	306
28	78.2	52.0	65.1	64.8	56	74	0	0	.....	0	0.00	0.0	30.15	30.02	30.086	1.7	1.6	222	14	WNW	7	212
29	87.1	60.2	73.6	72.1	62	72	0	9	.....	0	0.00	0.0	30.15	30.05	30.097	1.0	0.8	239	10	S	6	305
30	88.0	60.1	74.0	73.0	62	70	0	9	.....	0	0.00	0.0	30.17	30.04	30.101	0.9	0.8	275	11	WNW	6	313
31	89.2*	67.9	78.5*	77.0	68	74	0	14	.....	0	0.00	0.0	30.07	29.96	30.016	1.4	1.1	268	13	NW	9	297
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:													---
2436	1760					32	126			7.31	0.0	30.17	29.44	29.925	1.4	1.0	241	26	WNW	15	306		
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl	Date	Date	-----	----	----	----	Date	Date	Avg				
78.6	56.8	67.7	66.7	60	79.1	----	----	≥.01 inch	14	33.63	0.0	30	5	-----	----	----	---	2+	6				
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			51	435	Thunder	4	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	2	2.42	3- 4	0.0	-				0			-					
0	0	0	0	----	----	Clear	10	Partly Cloudy			14	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 2010: Westford

Hour	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	29.96	0.00	52	50	94	31	0	0		30.00	0.00	65	58	78	20	0	5		29.97	0.00	64	63	96	06	0	2																																							
04	29.98	0.00	49	48	95	31	0	0		30.00	0.00	65	60	82	21	2	8		29.95	0.00	64	62	96	07	0	0																																							
07	30.01	0.00	51	50	96	31	0	0		30.04	0.00	65	60	84	20	4	9		29.95	0.00	65	64	96	21	1	5																																							
10	30.02	0.00	71	56	59	23	1	6		30.04	0.00	73	65	76	20	2	11		29.95	0.00	68	66	93	21	1	9																																							
13	30.00	0.00	77	58	52	22	1	9		30.00	0.00	79	67	67	24	5	11		29.92	0.00	70	69	95	20	5	10																																							
16	29.98	0.00	78	59	53	23	0	6		29.97	0.00	74	66	75	20	0	6		29.85	0.00	78	71	81	20	3	15																																							
19	29.97	0.00	77	62	60	17	0	1		30.03	3.65	64	62	93	28	0	4		29.83	0.00	73	70	91	19	1	5																																							
22	30.00	0.00	64	58	83	14	0	4		29.99	0.00	64	63	95	19	0	1		29.81	0.00	71	69	93	22	2	8																																							
AUG 04																						AUG 05																						AUG 06																					
01	29.78	0.53	70	68	94	30	2	11		29.62	0.00	72	68	88	21	0	0		29.51	0.00	71	62	75	25	3	10																																							
04	29.76	0.00	68	67	96	05	1	4		29.58	0.00	71	68	90	21	0	4		29.53	0.00	67	61	79	22	0	6																																							
07	29.76	0.00	68	67	96	21	2	5		29.57	0.00	72	69	90	21	2	6		29.55	0.00	64	59	82	25	1	10																																							
10	29.77	0.00	75	72	90	21	4	13		29.54	0.00	75	72	88	22	2	8		29.57	0.00	70	59	69	28	3	8																																							
13	29.72	0.00	82	74	77	24	3	13		29.51	0.00	79	73	83	28	1	8		29.63	0.00	62	60	93	31	2	12																																							
16	29.68	0.00	86	72	63	25	2	11		29.47	0.00	84	68	59	26	3	9		29.68	0.00	67	48	51	29	12	21																																							
19	29.64	0.00	81	72	75	23	1	4		29.45	0.00	80	68	68	24	1	9		29.74	0.00	63	47	55	30	2	7																																							
22	29.64	0.00	76	69	80	21	2	5		29.48	0.00	73	62	70	21	1	7		29.77	0.00	49	45	85	32	0	1																																							
AUG 07																						AUG 08																						AUG 09																					
01	29.79	0.00	50	48	93	32	0	0		29.95	0.00	49	47	93	28	0	2		29.87	0.10	63	61	94	21	2	5																																							
04	29.82	0.00	50	47	92	32	0	0		29.94	0.00	55	49	82	22	1	5		29.87	0.00	65	63	93	22	2	6																																							
07	29.87	0.00	49	47	92	28	0	2		29.95	0.00	56	50	80	21	2	6		29.91	0.00	65	62	91	20	0	1																																							
10	29.93	0.00	62	50	67	28	1	8		29.93	0.00	68	56	66	21	2	14		29.91	0.00	76	68	76	22	0	8																																							
13	29.93	0.00	67	49	53	29	1	9		29.92	0.00	68	58	69	20	2	9		29.89	0.00	80	68	68	20	5	11																																							
16	29.92	0.00	71	53	52	31	1	8		29.90	0.00	71	59	67	21	0	8		29.84	0.00	77	71	82	28	0	1																																							
19	29.92	0.00	62	53	71	28	0	0		29.89	0.00	64	61	88	17	0	0		29.84	0.00	73	70	92	22	0	0																																							
22	29.94	0.00	49	46	90	28	0	0		29.86	0.00	63	61	93	20	0	1		29.87	0.00	64	62	94	22	0	2																																							
AUG 10																						AUG 11																						AUG 12																					
01	29.86	0.00	61	59	95	22	0	0		29.87	0.00	61	60	96	01	0	0		29.90	0.00	56	55	95	09	0	0																																							
04	29.87	0.00	59	58	96	22	0	0		29.87	0.00	57	56	96	01	0	0		29.89	0.00	53	52	95	09	0	0																																							
07	29.89	0.00	62	61	97	22	0	2		29.89	0.00	56	55	96	01	0	0		29.90	0.00	54	53	96	02	0	0																																							
10	29.88	0.00	75	70	85	27	0	2		29.90	0.00	73	66	77	34	0	2		29.91	0.00	71	64	77	11	0	6																																							
13	29.86	0.00	80	69	70	29	1	7		29.89	0.00	78	65	65	32	1	6		29.89	0.00	77	60	55	03	4	8																																							
16	29.81	0.00	85	66	54	29	1	5		29.87	0.00	80	64	58	31	3	9		29.88	0.00	79	64	60	30	3	6																																							
19	29.84	0.00	67	64	92	02	0	3		29.86	0.00	73	62	69	06	0	5		29.88	0.00	75	64	71	30	0	0																																							
22	29.84	0.00	61	59	94	01	0	0		29.88	0.00	57	55	92	09	0	0		29.92	0.00	62	60	93	20	0	3																																							
AUG 13																						AUG 14																						AUG 15																					
01	29.95	0.00	60	58	93	21	0	3		30.02	0.00	62	60	93	21	0	1		29.96	0.00	68	55	62	21	3	16																																							
04	29.96	0.00	58	56	95	21	0	0		30.03	0.00	64	60	85	21	2	7		29.96	0.00	65	54	68	21	6	13																																							
07	29.99	0.00	59	58	96	22	0	2		30.07	0.00	64	58	82	20	2	8		29.96	0.00	63	54	71	20	3	14																																							
10	30.01	0.00	72	63	74	22	3	11		30.06	0.00	71	62	73	21	4	12		29.94	0.00	71	61	70	20	6	18																																							
13	30.01	0.00	78	64	63	21	3	6		30.02	0.00	76	64	67	20	3	11		29.91	0.00	76	64	68	19	5	17																																							
16	29.99	0.00	81	63	55	29	3	7		30.00	0.00	80	61	53	21	2	13		29.90	0.00	72	63	73	20	7	21																																							
19	29.98	0.00	75	67	78	15	0	0		29.96	0.00	74	64	71	15	1	7		29.89	0.00	70	62	75	21	3	13																																							
22	30.00	0.00	62	60	92	15	0	0		29.97	0.00	65	58	80	16	0	0		29.87	0.00	67	62	82	21	7	19																																							
AUG 16																						AUG 17																						AUG 18																					
01	29.83	0.00	66	61	82	20	8	20		29.88	0.00	62	55	78	19	0	5		29.97	0.00	63	53	71	21	1	4																																							
04	29.80	0.00	66	62	88	21	9	21		29.89	0.00	63	56	79	20	1	5		29.99	0.00	58	53	85	22	0	1																																							
07	29.79	0.00	67	63	88	19	4	11		29.91	0.00	60	56	86	21	0	5		30.01	0.00	58	53	84	23	0	3																																							
10	29.79	0.00	70	65	87	22	9	17		29.92	0.00	73	63	70	17	2	9		30.02	0.00	68	58	71	25	1	6																																							
13	29.77	0.00	76	70	80	20	5	17		29.88	0.00	76	61	61	22	2	9		30.00	0.00	73	56	55	29	1	11																																							
16	29.75	0.00	81	71	71	21	11	24		29.88	0.00	79	60	52	30	5	14		29.98	0.00	72	59	63	32	0	3																																							
19	29.79	0.00	78	63	60	26	4	13		29.90	0.00	72	53	52	26	1	11		29.95	0.00	73	62	67	31	0	1																																							
22	29.86	0.00	69	56	63	23	0	8		29.95	0.00	66	52	59	23	0	5		29.94	0.00	56	54	92	31	0	0																																							

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.48	0.58	0.59	0.60	0.62	0.81	0.90	1.18	1.24	1.26	1.26	1.33
Ended: Date	04	04	04	04	04	04	04	04	04	04	04	02
Ended: Time	0411	0416	0417	0421	0434	0128	0504	0526	0538	0554	0554	2116

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 2010: Westford

Hour	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	29.93	0.00	53	52	95	31	0	0	29.81	0.00	63	57	82	31	5	11	30.04	0.00	48	47	94	06	0	0	04	29.92	0.00	51	50	95	31	0	0	29.85	0.00	59	52	80	02	2	12	30.02	0.00	47	46	94	06	0	0	07	29.91	0.00	51	50	96	31	0	0	29.93	0.00	55	49	81	04	1	7	30.04	0.00	48	46	95	06	0	0	10	29.89	0.00	71	62	73	04	1	4	29.95	0.00	62	50	64	03	0	9	30.06	0.00	60	54	81	20	0	3	13	29.84	0.00	77	56	48	22	2	8	30.00	0.00	68	53	59	03	2	8	30.04	0.00	70	59	68	03	0	3	16	29.75	0.00	81	60	49	16	3	9	30.00	0.00	69	54	59	32	2	9	30.00	0.00	66	58	76	14	0	1	19	29.72	0.00	76	65	70	20	0	2	29.98	0.00	65	52	63	06	0	3	29.98	0.00	62	59	89	28	0	1	22	29.78	0.00	70	57	65	28	6	17	30.01	0.00	50	47	90	06	0	0	30.01	0.00	60	57	92	09	0	2
AUG 22									AUG 23									AUG 24																																																																																																																																																																																					
01	29.95	0.00	61	58	90	22	2	9	29.96	0.23	59	58	95	01	0	7	30.09	0.00	55	54	95	08	0	1	04	29.94	0.00	59	58	95	07	0	0	29.97	0.00	58	56	94	02	0	2	30.08	0.00	52	51	95	08	0	0	07	29.96	0.00	60	59	96	12	0	0	30.02	0.00	57	56	95	01	0	1	30.12	0.00	54	52	96	13	0	1	10	29.98	0.04	62	61	96	04	0	0	30.08	0.00	61	58	91	02	0	1	30.11	0.00	68	60	75	03	4	9	13	29.98	0.00	66	64	95	07	0	2	30.08	0.00	67	61	81	01	0	3	30.08	0.00	73	58	59	06	1	8	16	29.97	0.00	65	63	92	14	1	5	30.08	0.00	69	59	70	15	3	9	30.03	0.00	77	59	54	19	0	1	19	29.98	0.06	64	62	95	04	1	3	30.10	0.00	65	59	82	03	0	1	30.02	0.00	70	62	76	29	0	0	22	29.98	0.00	62	61	96	03	0	6	30.12	0.00	56	54	94	03	0	0	30.02	0.00	57	55	93	01	0	0
AUG 25									AUG 26									AUG 27																																																																																																																																																																																					
01	30.00	0.00	62	57	83	21	1	5	29.79	0.00	65	62	93	28	0	5	29.97	0.00	59	54	83	31	3	10	04	29.98	0.00	61	58	89	19	0	0	29.78	0.00	63	62	95	27	0	0	30.00	0.00	55	52	90	30	1	4	07	29.96	0.00	60	57	91	11	0	1	29.81	0.00	63	62	96	24	0	4	30.05	0.00	54	52	92	32	0	5	10	29.94	0.00	65	59	81	04	0	1	29.83	0.00	66	64	93	29	0	4	30.08	0.00	62	54	75	30	2	11	13	29.87	0.00	74	64	71	06	0	3	29.82	0.00	73	64	74	29	0	9	30.08	0.00	66	51	57	31	5	8	16	29.82	0.00	73	63	71	02	0	5	29.84	0.00	67	58	72	29	4	17	30.04	0.00	70	56	62	31	1	9	19	29.81	0.00	67	63	86	13	0	0	29.90	0.00	61	56	84	30	5	14	30.03	0.00	64	54	70	01	0	0	22	29.80	0.00	63	61	91	08	0	0	29.95	0.00	60	54	82	30	0	9	30.06	0.00	52	50	92	01	0	0
AUG 28									AUG 29									AUG 30																																																																																																																																																																																					
01	30.07	0.00	52	49	88	20	0	1	30.08	0.00	62	57	85	20	1	5	30.11	0.00	66	56	71	29	0	5	04	30.08	0.00	54	50	86	20	1	4	30.10	0.00	64	58	81	20	2	7	30.12	0.00	64	57	78	24	0	5	07	30.13	0.00	56	50	82	22	1	5	30.13	0.00	62	57	85	20	0	4	30.16	0.00	60	54	81	22	1	3	10	30.14	0.00	67	58	71	22	3	10	30.14	0.00	75	65	71	19	1	8	30.16	0.00	74	63	67	23	1	7	13	30.12	0.00	74	60	61	27	3	8	30.11	0.00	83	67	58	31	1	7	30.12	0.00	82	63	52	29	5	7	16	30.07	0.00	78	61	57	23	1	9	30.07	0.00	87	66	50	30	2	4	30.07	0.00	87	68	53	29	1	6	19	30.03	0.00	72	61	68	22	0	5	30.06	0.00	79	69	73	31	0	0	30.04	0.00	79	67	67	20	0	1	22	30.05	0.00	65	59	80	22	0	5	30.09	0.00	66	59	77	25	0	3	30.05	0.00	70	65	85	27	0	1
AUG 31																																																																																																																																																																																																							
01	30.04	0.00	71	66	84	23	1	3																04	30.03	0.00	68	65	88	20	0	4																07	30.06	0.00	70	66	85	21	0	7																10	30.06	0.00	79	69	72	25	3	10																13	30.02	0.00	86	72	63	30	4	8																16	29.98	0.00	88	68	52	32	3	10																19	29.97	0.00	79	72	79	31	0	0																22	29.98	0.00	71	65	82	23	0	4																							

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

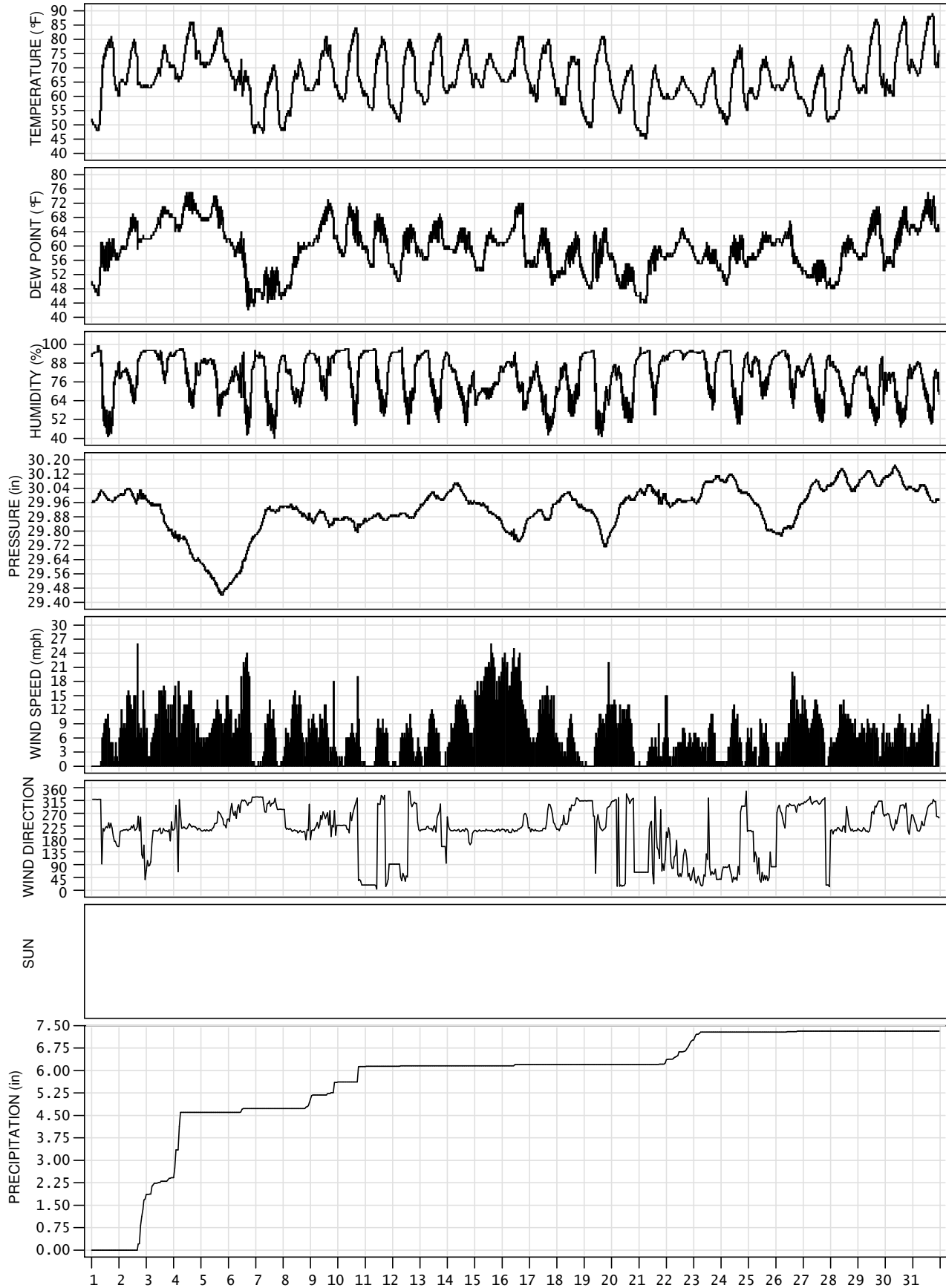
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		29.921	61	57	87	1.1	25	0.7
04		29.922	60	56	89	0.9	22	0.7
07		29.945	60	56	89	0.8	21	0.7
10		29.952	70	62	77	1.8	23	1.3
13		29.932	75	63	67	2.3	25	1.3
16		29.905	76	62	63	2.4	26	1.5
19		29.901	71	62	75	0.7	26	0.4
22		29.919	63	58	85	0.6	24	0.5

HOURLY PRECIPITATION (Water Equivalent) August 2010: Westford

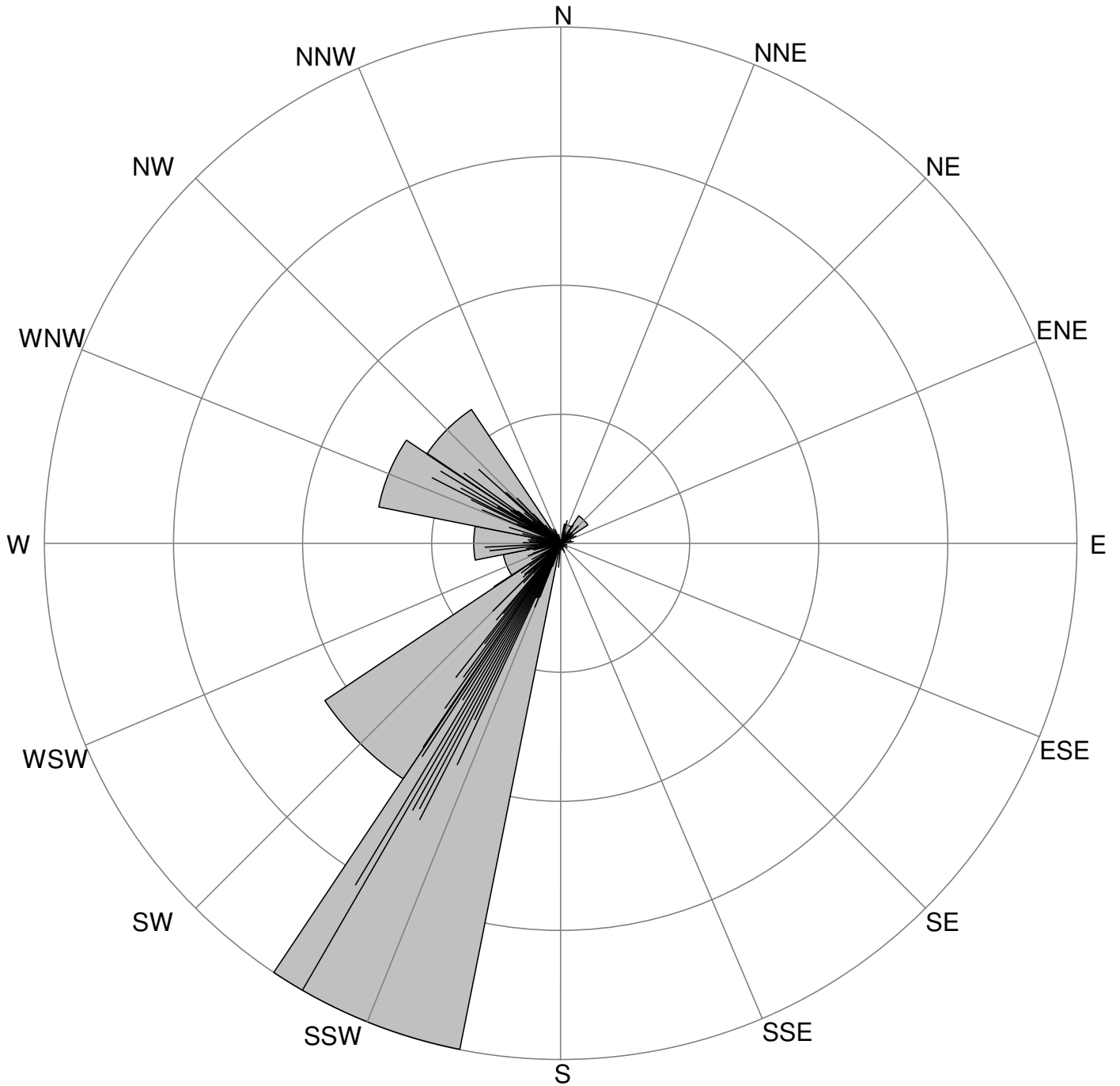
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date			
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12				
01																								01				
02																									02			
03																									03			
04	0.33	0.60	0.01		0.26	0.05	0.05			0.01	0.02		0.04				0.20	0.01	0.61	0.30	0.24	0.31	0.03	0.16	04			
05					0.78	0.48													0.04	0.05	0.01	0.01			05			
06																									06			
07											0.01	0.09	0.02												07			
08																									08			
09	0.12	0.02																		0.05	0.02	0.03	0.09	0.13	09			
10																		0.04			0.34			0.01	10			
11	0.01																								11			
12																									12			
13																									13			
14																									14			
15																									15			
16																									16			
17											0.04	0.01													17			
18																									18			
19																									19			
20																									20			
21																									21			
22	0.01	0.01				0.01	0.04	0.02	0.02	0.03	0.12							0.01	0.06	0.06	0.07	0.09	0.04	0.04	0.11	22		
23	0.10	0.08	0.01		0.03	0.04												0.01	0.01	0.02	0.06	0.06	0.07	0.09	0.04	0.03	0.01	23
24																											24	
25																											25	
26																											26	
27											0.02																27	
28																											28	
29																											29	
30																											30	
31																											31	
Sum	0.57	0.71	0.02	0.00	1.07	0.58	0.10	0.02	0.02	0.06	0.19	0.10	0.06	0.00	0.05	0.01	0.22	0.63	0.73	0.47	0.70	0.39	0.19	0.42	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 2010: Westford



Wind Rose: August 2010
Westford



Maximum direction of wind: 69.7 miles from 210°
Maximum sector of wind: 402.7 miles from SSW
1077.9 total miles of wind