

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

November 2006

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 hvy 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 Speed	Res Speed	Res Dir	Peak		Minute		
																			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	54.8	38.2	46.5	44.7	33	65	19	0	.....	0	0.00	0.0	29.97	29.75	29.890	2.7	2.2	276	18	WSW	2	176
2	43.5	29.0	36.3	37.6	27	65	29	0	.....	0	0.01	0.0	29.96	29.87	29.916	2.5	2.1	267	19	W	0	0
3	40.6	30.0	35.3	33.5	22	64	30	0	.....	0	T	T	30.26	29.96	30.114	3.6	3.1	260	18	WNW	0	0
4	38.0	27.2	32.6	32.2	21	64	33	0	.....	0	T	T	30.42	30.26	30.361	1.3	1.2	299	17	W	0	0
5	41.2	29.8	35.5	36.0	26	67	30	0	.....	0	0.00	0.0	30.46	30.30	30.392	4.2	4.0	187	20	S	0	0
6	51.3	37.2	44.3	42.2	30	62	21	0	.....	0	0.00	0.0	30.33	30.21	30.282	2.7	2.5	195	16	SSW	0	0
7	52.2	41.8	47.0	46.7	30	52	18	0	.....	0	0.02	0.0	30.21	29.95	30.089	5.7	5.6	186	28	S	0	0
8	51.3	44.8	48.0	48.1	47	95	17	0	.....	0	0.18	0.0	29.95	29.53	29.736	0.4	0.1	138	13	SSW	0	0
9	60.9	41.1	51.0	51.6	48	89	14	0	.2.....	0	0.01	0.0	29.53	29.39	29.465	1.8	1.4	243	17	W	0	0	
10	51.9	31.8	41.9	42.8	36	77	23	0	.....	0	0.00	0.0	30.01	29.50	29.844	3.5	3.2	301	27	NW	0	0
11	54.7	29.5	42.1	40.5	36	87	23	0	.2.....	0	0.78	0.0	29.99	29.75	29.867	3.1	2.2	200	32	SSW	19	196	
12	37.3	34.3	35.8	35.9	35	98	30	0	.....	0	0.16	0.0	30.21	29.96	30.133	0.7	0.7	330	12	NW	0	0
13	54.8	36.9	45.9	45.7	44	96	19	0	.....	0	0.04	0.0	30.19	29.94	30.099	0.3	0.2	17	8	NNE	0	0
14	49.1	44.8	46.9	46.4	46	98	18	0	.....	0	0.66	0.0	29.94	29.66	29.770	0.2	0.1	306	6	W	0	0
15	52.2	45.4	48.8	49.2	48	96	17	0	.....	0	0.04	0.0	29.97	29.81	29.909	1.2	0.9	197	11	SSW	0	0
16	65.6*	48.6	57.1*	58.0	54	88	8	0	.....	0	0.33	0.0	29.96	29.38	29.723	3.6	3.3	160	29	SSE	0	0
17	65.5	37.8	51.6	52.9	47	80	13	0	.....	0	0.22	0.0	29.85	29.35	29.546	6.7	4.9	224	29	S	0	0
18	42.9	32.1	37.5	36.5	31	80	28	0	.....	0	0.00	0.0	29.97	29.85	29.931	1.0	0.8	333	12	W	0	0
19	35.2	28.8	32.0	32.1	29	88	33	0	.....	0	0.00	0.1	29.95	29.89	29.913	1.7	1.6	307	14	WNW	0	0
20	30.0	26.9	28.4*	28.7	21	73	37	0	.....	0	T	T	30.30	29.90	30.078	3.6	3.4	299	17	WNW	0	0
21	35.9	24.7	30.3	29.2	19	67	35	0	.....	0	0.03	0.0	30.52	30.30	30.451	1.8	1.0	244	13	NW	0	0
22	43.5	19.5*	31.5	29.4	22	77	33	0	.....	0	0.01	0.0	30.52	30.37	30.452	0.3	0.3	12	7	NNW	0	0
23	47.7	23.9	35.8	33.0	21	64	29	0	.....	0	0.00	0.0	30.37	30.13	30.272	0.1	0.1	13	6	N	0	0
24	38.5	23.0	30.8	30.6	25	82	34	0	.....	0	0.00	0.0	30.33	30.13	30.245	1.1	1.0	353	14	NW	0	0
25	48.6	22.7	35.6	37.3	22	57	29	0	.....	0	0.00	0.0	30.32	30.17	30.262	5.6	5.3	195	30	SSW	0	0
26	49.6	38.5	44.0	44.6	33	65	21	0	.....	0	0.00	0.0	30.22	30.16	30.193	5.5	5.4	193	21	SSW	0	0
27	53.2	35.5	44.4	45.3	40	82	21	0	.2.....	0	0.14	0.0	30.25	30.13	30.185	2.1	1.8	188	16	SSW	0	0	
28	41.8	30.9	36.3	34.0	33	98	29	0	.2.....	0	0.05	0.0	30.39	30.25	30.328	1.2	0.5	189	18	SSE	0	0	
29	52.6	41.5	47.0	47.8	43	84	18	0	.....	0	0.01	0.0	30.27	30.07	30.179	8.9	8.7	181	31	S	0	0
30	60.5	40.3	50.4	54.2	50	86	15	0	.....	0	0.37	0.0	30.09	29.74	29.893	9.1	8.2	188	31	S	0	0
Sum	Sum	-----	-----	---	----	Ttl	Ttl															---	
1445	1017					724	0		Number of Days	3.06	0.1	30.52	29.35	30.051	2.9	1.8	213	32	SSW	19	196		
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip	Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg				
48.2	33.9	41.0	40.9	34	78.3	----	----		≥.01 inch	17	53.11	3.1	21	17	-----	----	----	---	11	11			
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			1710	316	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	4	0.89	11-12	0.1	19												
0	1	15	0	----	----	Clear	1	Partly Cloudy			9	Cloudy			20								

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

November 2006: 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																																												
NOV 01																						NOV 02																						NOV 03																					
01		29.76	0.00	55	47	77	24	6	14			29.90	0.00	41	30	65	24	5	11			29.98	0.00	31	23	70	18	1	3																																				
04		29.89	0.00	44	35	72	31	6	13			29.90	0.00	40	29	65	27	3	7			30.03	0.00	32	23	70	24	5	9																																				
07		29.95	0.00	40	32	72	31	1	6			29.91	0.00	36	30	79	00	0	0			30.08	0.00	30	23	73	24	4	7																																				
10		29.95	0.00	45	33	63	29	6	12			29.92	0.00	39	28	65	24	3	6			30.11	0.00	35	23	62	29	8	18																																				
13		29.90	0.00	48	29	47	27	4	7			29.88	0.00	43	26	52	31	4	8			30.11	0.00	36	22	56	27	4	8																																				
16		29.88	0.00	49	31	49	00	0	0			29.89	0.00	40	23	51	00	0	0			30.14	0.00	37	18	45	27	7	14																																				
19		29.89	0.00	40	32	73	18	1	3			29.95	0.00	35	25	67	24	2	8			30.20	0.00	34	23	64	29	2	5																																				
22		29.88	0.00	41	32	72	00	0	0			29.96	0.00	31	24	73	20	2	5			30.24	0.00	32	26	77	18	1	2																																				
NOV 04																						NOV 05																						NOV 06																					
01		30.27	0.00	31	18	58	29	0	1			30.42	0.00	31	24	74	15	1	3			30.30	0.00	39	29	67	18	5	11																																				
04		30.30	0.00	28	18	66	00	0	0			30.44	0.00	30	25	79	20	2	5			30.30	0.00	39	30	71	20	5	8																																				
07		30.34	0.00	29	20	71	24	0	2			30.45	0.00	31	25	80	18	3	6			30.32	0.00	39	30	70	18	4	9																																				
10		30.38	0.00	36	25	63	31	2	5			30.45	0.00	38	27	63	18	5	12			30.33	0.00	44	29	56	18	6	10																																				
13		30.36	0.00	36	23	58	31	2	6			30.39	0.00	41	27	59	18	6	16			30.27	0.00	50	33	50	24	1	5																																				
16		30.38	0.00	35	18	50	27	2	3			30.36	0.00	39	26	60	20	5	11			30.26	0.00	50	30	45	18	1	3																																				
19		30.41	0.00	32	22	66	00	0	0			30.34	0.00	38	26	63	18	3	12			30.27	0.00	39	30	70	00	0	0																																				
22		30.41	0.00	31	25	78	00	0	0			30.31	0.00	39	28	65	20	6	12			30.23	0.00	40	29	63	18	2	5																																				
NOV 07																						NOV 08																						NOV 09																					
01		30.20	0.00	44	29	56	18	3	7			29.93	0.00	46	42	87	18	1	4			29.53	0.00	48	48	99	00	0	0																																				
04		30.17	0.00	43	29	56	18	4	10			29.87	0.00	45	43	91	15	1	6			29.49	0.00	46	46	99	00	0	0																																				
07		30.16	0.00	45	28	52	18	4	11			29.83	0.00	45	43	93	00	0	0			29.51	0.00	43	43	99	00	0	0																																				
10		30.12	0.00	50	30	47	18	12	24			29.79	0.00	48	47	97	00	0	0			29.51	0.00	51	50	99	27	0	2																																				
13		30.07	0.00	48	33	56	18	8	14			29.69	0.00	51	50	98	04	1	3			29.42	0.00	57	51	79	27	3	6																																				
16		30.02	0.00	48	26	42	18	5	11			29.65	0.00	51	50	98	00	0	0			29.40	0.00	57	51	81	22	4	7																																				
19		30.01	0.00	49	29	46	18	7	18			29.63	0.00	50	50	97	00	0	0			29.43	0.00	54	51	88	24	2	6																																				
22		29.99	0.00	49	34	56	20	4	8			29.56	0.00	50	50	99	00	0	0			29.47	0.00	53	48	82	27	3	6																																				
NOV 10																						NOV 11																						NOV 12																					
01		29.53	0.00	51	44	77	29	9	14			29.98	0.00	32	31	95	00	0	0			29.97	0.00	35	35	98	31	1	3																																				
04		29.66	0.00	47	39	73	29	11	22			29.94	0.00	30	29	96	00	0	0			30.02	0.00	35	34	98	29	1	3																																				
07		29.79	0.00	43	37	77	31	7	14			29.86	0.00	35	33	91	18	3	7			30.13	0.00	35	34	98	31	1	6																																				
10		29.86	0.00	45	37	73	31	6	13			29.78	0.00	48	37	66	18	11	25			30.15	0.00	36	35	98	31	1	3																																				
13		29.90	0.00	45	35	66	29	5	11			29.76	0.00	54	43	67	20	7	16			30.18	0.00	36	35	97	00	1	5																																				
16		29.94	0.00	43	34	69	00	2	6			29.80	0.00	47	43	87	31	0	2			30.19	0.00	37	36	98	31	1	3																																				
19		30.00	0.00	36	33	86	09	0	3			29.86	0.00	40	40	99	29	3	7			30.20	0.00	37	37	99	00	0	2																																				
22		29.99	0.00	35	32	88	00	0	0			29.92	0.00	37	36	98	33	1	4			30.19	0.00	37	37	98	00	0	0																																				
NOV 13																						NOV 14																						NOV 15																					
01		30.18	0.00	37	37	99	00	0	0			29.92	0.00	46	45	96	04	0	2			29.82	0.00	46	45	99	00	0	0																																				
04		30.17	0.00	38	37	98	00	0	0			29.84	0.00	47	47	98	04	0	2			29.85	0.01	48	47	99	18	1	5																																				
07		30.16	0.00	41	40	99	00	0	3			29.79	0.00	47	46	98	04	0	1			29.88	0.00	48	48	99	22	1	3																																				
10		30.15	0.00	48	48	99	02	2	5			29.72	0.01	49	49	99	00	0	0			29.91	0.00	50	49	98	20	3	6																																				
13		30.08	0.00	54	50	85	20	2	5			29.67	0.00	47	47	99	27	1	3			29.94	0.00	51	49	93	22	2	6																																				
16		30.05	0.00	48	46	94	00	0	0			29.69	0.00	46	45	99	00	0	0			29.95	0.00	51	49	91	00	0	0																																				
19		30.04	0.00	50	49	97	00	0	0			29.75	0.00	45	45	99	00	0	0			29.96	0.00	50	49	96	13	0	3																																				
22		29.99	0.00	49	48	95	00	0	0			29.78	0.00	45	45	99	00	0	0			29.95	0.00	49	48	98	00	0	0																																				
NOV 16																						NOV 17																						NOV 18																					
01		29.95	0.00	51	50	98	18	1	3			29.37	0.00	65	60	83	15	8	16			29.86	0.00	38	31	77	27	2	6																																				
04		29.90	0.00	49	49	99	00	0	0			29.36	0.00	66	60	82	18	12	24			29.91	0.00	34	29	83	31	0	3																																				
07		29.88	0.00	52	52	99	00	0	0			29.40	0.00	61	54	78	18	10	19			29.95	0.00	32	28	85	02	0	3																																				
10		29.83	0.00	58	54	86	20	1	5			29.49	0.01	51	49	94	27	6	10			29.96	0.00	36	30	80	00	0	0																																				
13		29.70	0.00	61	55	80	15	6	13			29.52	0.00	55	47	74	24	4	11			29.92	0.00	43	32	64	31	2	5																																				
16		29.61	0.00	63	56	78	15	5	11			29.63	0.00	47	39	74	24	7	16			29.93	0.00	39	32	75	00	2	7																																				
19		29.52	0.00	65	57	74	15	10	24			29.75	0.00	43	33	67	27	8	16			29.95	0.00	36	31	82	00	1	6																																				
22		29.48	0.02	61	60	95	13	3	11			29.81	0.00	40	34	79	27	4	8			29.96	0.00	36	31	85	33	1	3																																				

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.05	0.09	0.11	0.11	0.14	0.19	0.24	0.29	0.34	0.36	0.40	0.43
Ended: Date	17	17	17	17	11	11	11	11	11	11	11	11
Ended: Time	0210	0210	0210	0210	2245	2300	2310	2335	2340	2355	2355	2355

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

November 2006: Westford

Hour	NOV 19									NOV 20									NOV 21								
	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust	Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Direction	Speed	Gust
01		29.93	0.00	35	31	84	31	0	2		29.91	0.00	28	25	86	29	2	6		30.30	0.00	29	20	70	29	3	7
04		29.92	0.00	34	31	87	00	1	5		29.93	0.00	29	23	80	31	4	7		30.38	0.00	28	19	71	31	4	11
07		29.93	0.00	32	30	92	00	0	2		30.00	0.00	27	20	75	29	6	12		30.46	0.00	26	19	72	31	1	3
10		29.94	0.00	33	29	87	00	0	0		30.06	0.00	28	19	69	29	4	8		30.52	0.00	28	18	64	22	2	5
13		29.91	0.00	32	30	89	29	3	7		30.08	0.00	29	21	70	27	2	7		30.48	0.00	35	21	57	20	4	12
16		29.90	0.00	31	28	89	31	1	5		30.14	0.00	30	20	67	31	6	13		30.47	0.00	34	19	54	18	1	4
19		29.89	0.00	30	29	93	31	2	5		30.19	0.00	29	21	71	31	3	7		30.51	0.00	29	19	66	18	2	5
22		29.89	0.00	29	26	85	31	3	7		30.26	0.00	29	20	69	31	3	12		30.48	0.00	29	19	66	18	2	5
NOV 22									NOV 23									NOV 24									
01		30.47	0.00	24	19	81	00	0	0		30.36	0.00	25	22	85	00	0	0		30.13	0.00	31	26	83	31	0	2
04		30.50	0.00	22	19	88	20	0	2		30.36	0.00	27	21	78	00	0	0		30.15	0.00	29	27	95	00	1	3
07		30.52	0.00	21	19	92	00	0	0		30.36	0.00	27	20	72	00	0	0		30.21	0.00	29	26	87	00	1	5
10		30.50	0.00	33	24	71	02	1	5		30.33	0.00	36	22	57	00	0	0		30.25	0.00	35	28	74	00	4	10
13		30.41	0.00	42	23	47	02	1	3		30.26	0.00	43	23	46	04	0	2		30.26	0.00	38	28	66	31	3	7
16		30.41	0.00	40	28	62	00	0	0		30.21	0.00	39	21	49	00	0	0		30.29	0.00	34	25	71	04	0	2
19		30.43	0.00	30	25	83	00	0	0		30.19	0.00	34	23	63	00	0	0		30.33	0.00	28	23	83	00	0	0
22		30.39	0.00	29	23	80	00	0	0		30.16	0.00	33	24	69	00	0	0		30.32	0.00	25	22	87	00	0	0
NOV 25									NOV 26									NOV 27									
01		30.29	0.00	23	21	91	00	0	0		30.16	0.00	41	29	62	20	8	17		30.20	0.00	48	38	69	15	1	3
04		30.30	0.00	24	21	88	00	0	0		30.18	0.00	40	29	65	20	7	12		30.18	0.00	48	40	74	18	4	10
07		30.31	0.00	29	22	73	20	4	6		30.18	0.00	40	30	67	18	9	16		30.17	0.00	48	41	78	18	2	6
10		30.31	0.00	41	22	46	20	10	18		30.21	0.00	43	32	65	20	7	12		30.17	0.00	50	40	68	18	6	11
13		30.25	0.00	48	22	36	20	8	16		30.18	0.00	47	35	64	18	8	18		30.14	0.00	51	41	67	20	1	2
16		30.24	0.00	44	21	40	20	5	13		30.20	0.00	48	36	64	18	4	8		30.16	0.00	45	43	93	00	0	3
19		30.23	0.00	41	22	46	20	3	7		30.22	0.00	49	37	63	18	3	7		30.20	0.00	40	39	95	00	0	0
22		30.19	0.00	43	27	54	20	10	20		30.21	0.00	49	38	68	13	2	5		30.23	0.00	37	36	98	31	0	2
NOV 28									NOV 29									NOV 30									
01		30.26	0.01	34	33	98	31	1	3		30.25	0.00	42	40	91	15	8	17		30.06	0.00	50	47	89	18	8	14
04		30.31	0.00	32	32	98	29	1	3		30.26	0.00	44	41	89	18	7	13		30.02	0.00	53	49	87	18	10	19
07		30.36	0.00	31	31	98	31	2	5		30.24	0.00	44	41	89	18	9	18		29.99	0.00	54	51	89	20	12	21
10		30.39	0.00	32	32	98	00	0	0		30.21	0.00	47	43	85	20	11	22		29.94	0.00	57	52	85	20	16	28
13		30.35	0.00	33	33	98	27	0	2		30.16	0.00	49	44	82	15	10	22		29.83	0.00	58	53	82	18	13	22
16		30.34	0.00	33	33	98	00	0	0		30.14	0.00	51	45	78	18	8	17		29.77	0.00	60	54	80	18	9	19
19		30.33	0.00	35	35	98	15	2	4		30.12	0.00	52	45	79	18	11	19		29.74	0.00	60	54	80	20	13	24
22		30.28	0.00	40	39	99	18	4	10		30.08	0.00	52	46	81	18	10	18		29.83	0.01	43	42	96	00	2	7

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		30.040	39	34	82	2.5	21	1.5
04		30.051	38	33	83	3.0	22	1.7
07		30.070	38	33	83	2.8	21	1.8
10		30.075	42	35	76	4.4	22	2.8
13		30.035	45	35	69	3.9	21	2.3
16		30.035	44	34	71	2.5	21	1.5
19		30.051	41	34	78	2.6	20	1.8
22		30.048	40	34	82	2.1	21	1.3

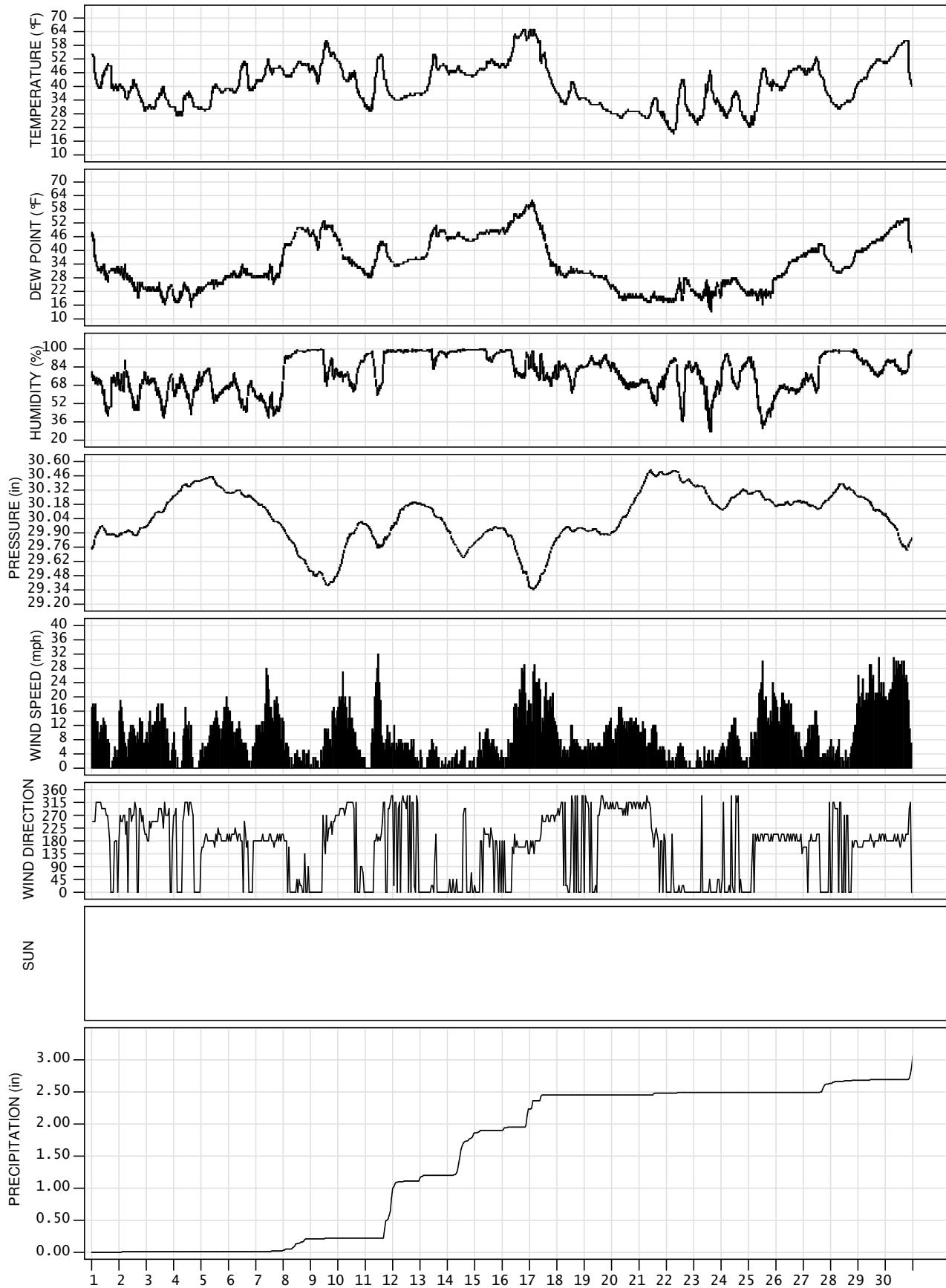
HOURLY PRECIPITATION (Water Equivalent) November 2006: Westford

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			0.01																					02	
03																								03	
04																								04	
05																								05	
06																								06	
07																								07	
08		0.02					0.01	0.02	0.01	0.04		0.01	0.01		0.01	0.01		0.03	0.01				0.01	08	
09												0.01												09	
10																								10	
11																	0.14	0.13	0.01	0.02	0.05	0.07	0.20	0.16	11
12	0.02	0.04	0.03		0.01					0.01														0.05	12
13	0.02		0.02																						13
14						0.01	0.03	0.04	0.11	0.10	0.12	0.05	0.04	0.02	0.01		0.01	0.02	0.01	0.01	0.02	0.05	0.01		14
15			0.01	0.01	0.02																				15
16	0.01	0.03			0.01																0.03	0.15	0.10		16
17		0.02	0.11							0.07	0.02														17
18																									18
19																									19
20																									20
21												0.02	0.01												21
22										0.01															22
23																									23
24																									24
25																									25
26																									26
27															0.01		0.04	0.04	0.03	0.01			0.01		27
28		0.02		0.01							0.01														28
29										0.01											0.02	0.07	0.11	0.17	29
30																									30
Sum	0.05	0.13	0.18	0.02	0.04	0.01	0.00	0.04	0.06	0.21	0.17	0.13	0.09	0.06	0.04	0.02	0.18	0.19	0.10	0.05	0.11	0.31	0.47	0.40	Sum

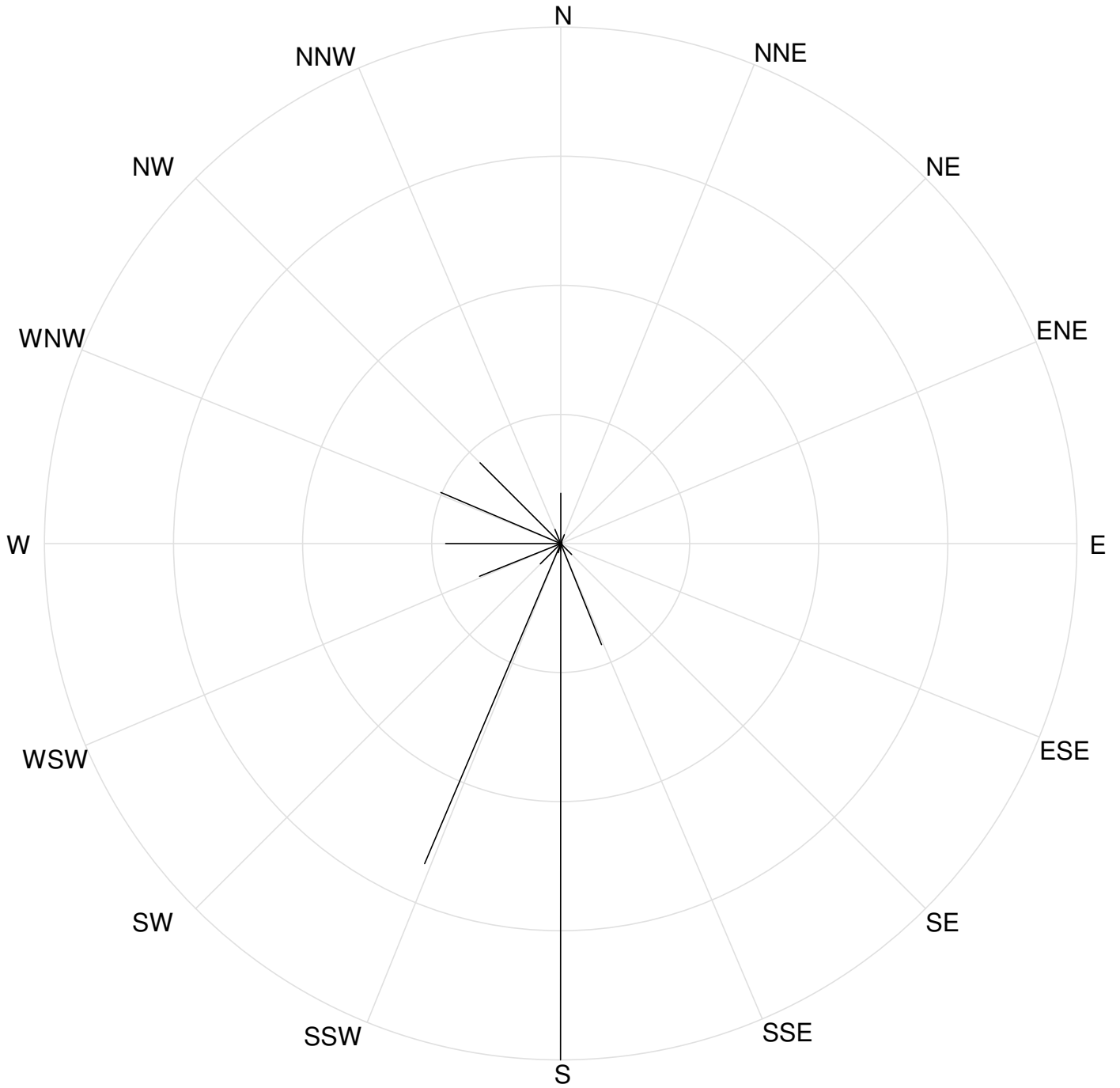
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA

November 2006: Westford



Wind Rose: November 2006
Westford



Maximum direction of wind: 681.9 miles from 180°.
2063.9 total miles of wind.