

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

December 2009

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 Speed	Res Speed	Res Dir	Peak		Minute		
																			Speed	Dir	Speed		Dir	Speed	Dir
1	2	3	4A	4B	5	6	7	8		11	12	13	14	15	16	17	18	19	20	21	22	23	
1	35.2	24.9	30.1	31.0	26	81	35	0	.....	0	T	T	30.01	29.74	29.829	3.5	3.3	215	19	SSW	12	216
2	47.0	30.5	38.8	40.1	33	76	26	0	.....	0	0.05	0.0	30.07	29.75	29.966	6.1	6.1	203	26	S	16	213
3	55.0*	41.3	48.1*	48.5	44	85	17	0	.....	0	0.68	0.0	29.76	29.14	29.427	6.5	5.3	235	30	WNW	20	277
4	45.6	33.4	39.5	39.0	28	66	25	0	.....	0	0.00	0.0	30.16	29.76	29.985	4.1	3.9	268	22	WNW	14	294
5	35.6	28.3	31.9	31.8	24	72	33	0	.....	0	T	T	30.17	29.93	30.075	0.3	0.2	27	7	N	3	142
6	35.1	25.6	30.3	29.5	20	69	34	0	.....	0	0.00	0.0	30.18	29.93	30.073	3.8	3.6	275	23	W	14	279
7	31.8	26.9	29.3	28.5	24	85	35	0	.....	1	0.07	0.6	30.23	30.06	30.146	3.9	3.9	211	16	SW	10	218
8	29.3	14.3	21.8	23.8	18	80	43	0	.....	2	0.13	2.0	30.33	30.08	30.242	1.6	1.6	323	18	NW	11	319
9	36.9	16.4	26.7	28.4	23	81	38	0	.....	2	0.15	1.5	30.26	29.12	29.595	4.9	4.5	186	31	S	20	179
10	35.6	23.3	29.4	30.9	23	73	35	0	.....	2	0.02	0.3	29.54	29.17	29.321	8.2	7.9	253	32	WSW	21	254
11	23.3	17.2	20.3	19.4	10	67	45	0	.....	2	0.01	0.2	30.10	29.54	29.802	8.2	8.1	271	31	NW	20	308
12	26.5	14.3	20.4	20.0	10	66	44	0	.....	2	0.00	0.0	30.41	30.09	30.310	5.1	4.4	278	27	NW	17	291
13	34.1	20.4	27.2	28.6	20	72	38	0	.....	2	0.23	0.8	30.36	29.82	30.049	6.6	6.5	203	30	S	18	207
14	33.6	31.1	32.3	32.3	30	91	32	0	.....	2	T	T	30.07	29.84	29.971	0.5	0.1	354	9	NW	5	324
15	37.3	21.4	29.3	32.1	30	91	36	0	.2.....	1	0.19	T	30.01	29.74	29.832	4.3	2.6	261	23	NW	14	308	
16	21.4	5.8	13.6	14.0	8	78	51	0	.....	2	0.04	1.4	30.19	30.01	30.118	3.8	3.6	324	23	WNW	14	305
17	6.4	-1.4	2.5*	2.2	-5	73	62	0	.....	2	0.01	0.3	30.37	30.18	30.315	4.7	4.6	326	22	WNW	15	299
18	16.7	-1.5	7.6	5.9	-2	70	57	0	.....	2	0.00	0.0	30.35	30.11	30.260	0.5	0.5	310	9	W	5	285
19	20.4	-2.9	8.7	8.2	-4	60	56	0	.....	2	0.00	0.0	30.11	29.86	29.986	0.6	0.6	12	12	ENE	5	27
20	14.0	6.7	10.3	10.5	3	71	54	0	.....	2	T	T	29.88	29.78	29.840	1.8	1.7	4	15	NNW	7	334
21	21.9	11.7	16.8	16.1	7	67	48	0	.....	2	T	T	29.95	29.83	29.884	4.0	4.0	324	22	WNW	13	302
22	17.5	7.1	12.3	10.9	4	74	52	0	.....	3	0.02	0.9	30.12	29.95	30.048	1.8	1.5	314	17	NNW	9	322
23	16.5	9.0	12.8	12.1	8	83	52	0	.....	6	0.21	5.4	30.26	30.06	30.128	2.3	2.2	273	13	W	7	268
24	27.0	16.2	21.6	22.8	20	90	43	0	.....	5	T	T	30.49	30.26	30.426	0.2	0.2	37	8	NNE	3	32
25	25.7	22.0	23.9	24.6	23	92	41	0	.2.....	5	0.00	0.0	30.48	30.35	30.421	0.2	0.1	62	5	NNW	3	15	
26	37.1	23.6	30.3	31.5	27	84	34	0	.....	4	0.01	0.0	30.37	30.03	30.246	5.3	5.2	182	29	SSE	17	193
27	41.4	28.5	35.0	36.1	34	91	30	0	.2.....	2	0.84	0.0	30.03	29.71	29.808	2.1	1.7	204	21	SSW	12	183	
28	33.0	24.9	28.9	29.5	27	91	36	0	.....	7	0.40	5.1	29.71	29.36	29.503	0.7	0.6	199	8	S	5	196
29	25.0	1.1	13.1	6.5	3	84	52	0	.....	8	0.19	4.4	30.28	29.43	29.928	7.0	7.0	319	27	WNW	18	312
30	19.7	-4.9*	7.4	7.6	3	80	57	0	.....	8	0.00	0.0	30.40	30.21	30.322	2.5	2.0	211	18	NW	10	323
31	26.3	19.5	22.9	24.3	19	79	42	0	.....	8	0.00	0.0	30.21	29.94	30.083	3.4	3.3	202	19	SSW	9	200
Sum	Sum	-----	-----	---	----	Ttl	Ttl															---	
912	535					1283	0		Number of Days	3.25	22.9	30.49	29.12	29.998	3.5	2.1	254	32	WSW	21	254		
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip	Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg				
29.4	17.2	23.3	23.4	17	78.1	----	----		≥.01 inch	17	46.05	22.9	24	9	-----	----	----	---	10	10			
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	6	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			2919	271	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	3	0.71	2- 3	5.4	23												
0	17	29	4	----	----	Clear	1	Partly Cloudy			6	Cloudy			24								

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
December 2009: 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																																																																																																																																																																																		
DEC 01																						DEC 02																						DEC 03																																																																																																																																																											
01	29.75	0.00	29	24	82	31	1	5	30.01	0.00	33	30	92	16	0	5	29.68	0.05	42	40	91	16	2	6	04	29.77	0.00	27	23	84	27	0	1	30.03	0.00	31	29	91	20	0	3	29.43	0.00	48	44	87	17	4	14	07	29.77	0.00	27	22	83	20	3	7	30.06	0.00	33	30	88	20	2	8	29.22	0.00	51	47	84	20	3	11	10	29.81	0.00	32	24	72	20	5	16	30.07	0.00	40	34	78	20	5	12	29.20	0.07	49	47	94	26	6	11	13	29.79	0.00	35	26	69	21	6	12	29.95	0.00	45	35	66	20	9	20	29.25	0.00	54	51	89	25	11	17	16	29.83	0.00	33	28	80	20	3	12	29.94	0.00	45	34	65	20	11	23	29.40	0.00	53	47	78	27	14	29	19	29.90	0.00	33	29	84	24	3	10	29.89	0.00	46	34	64	20	13	23	29.57	0.00	47	40	76	27	14	27	22	29.97	0.00	33	31	89	22	2	7	29.85	0.00	47	33	59	19	6	14	29.69	0.00	43	37	80	26	9	18
DEC 04																						DEC 05																						DEC 06																																																																																																																																																											
01	29.78	0.00	41	36	81	26	4	8	30.15	0.00	32	23	70	24	0	2	29.94	0.00	28	23	83	34	0	4	04	29.86	0.00	40	33	76	27	7	13	30.16	0.00	32	24	72	30	0	1	29.97	0.00	26	22	85	31	4	7	07	29.93	0.00	37	29	74	25	4	15	30.16	0.00	31	24	75	12	1	5	30.03	0.00	27	22	81	32	3	6	10	30.00	0.00	41	26	54	25	4	13	30.15	0.00	33	24	69	14	0	5	30.08	0.00	31	20	64	25	4	11	13	29.99	0.00	45	26	46	25	6	11	30.02	0.00	36	24	63	05	0	3	30.06	0.00	34	18	52	24	8	15	16	30.03	0.00	41	28	59	22	5	10	30.01	0.00	33	24	69	02	0	3	30.13	0.00	32	17	53	27	7	14	19	30.09	0.00	37	27	66	28	6	8	30.00	0.00	31	23	72	00	1	4	30.15	0.00	30	19	63	27	4	9	22	30.14	0.00	34	26	71	29	5	9	29.95	0.00	30	22	74	03	0	1	30.18	0.00	30	20	67	24	6	14
DEC 07																						DEC 08																						DEC 09																																																																																																																																																											
01	30.18	0.00	30	22	72	21	4	12	30.09	0.00	28	26	92	28	0	3	30.24	0.00	17	13	82	09	1	4	04	30.20	0.00	29	24	82	20	3	9	30.13	0.00	28	26	92	31	0	2	30.08	0.00	18	13	80	06	2	5	07	30.21	0.00	27	24	86	19	6	8	30.19	0.00	28	26	92	32	3	10	29.95	0.00	23	19	85	11	1	13	10	30.21	0.00	29	23	78	20	3	9	30.28	0.00	25	19	77	32	5	11	29.73	0.00	26	23	87	18	7	15	13	30.13	0.00	29	26	87	21	5	8	30.29	0.00	28	14	55	32	6	11	29.43	0.00	32	26	77	17	13	24	16	30.10	0.00	29	26	87	20	5	8	30.31	0.00	23	15	69	34	0	2	29.21	0.00	36	28	72	15	9	29	19	30.08	0.00	27	25	90	20	2	7	30.28	0.00	20	15	80	03	0	1	29.14	0.00	37	30	76	17	7	15	22	30.07	0.00	27	25	91	20	4	9	30.30	0.00	14	12	92	08	0	0	29.14	0.00	34	32	92	20	7	14
DEC 10																						DEC 11																						DEC 12																																																																																																																																																											
01	29.18	0.00	35	32	90	24	4	7	29.57	0.00	22	13	66	25	9	20	30.12	0.00	17	6	62	29	5	20	04	29.21	0.00	34	32	92	22	4	10	29.63	0.00	20	10	66	26	12	21	30.19	0.00	15	7	70	24	6	11	07	29.23	0.00	35	26	70	25	8	15	29.70	0.00	19	11	71	26	9	23	30.26	0.00	16	10	75	27	5	15	10	29.29	0.00	32	24	71	27	11	23	29.77	0.00	20	10	66	26	10	19	30.36	0.00	21	11	65	27	7	15	13	29.32	0.00	31	21	68	26	13	32	29.79	0.00	19	11	70	26	7	17	30.34	0.00	25	10	52	29	8	17	16	29.37	0.00	29	18	63	26	5	14	29.87	0.00	19	8	63	27	6	13	30.38	0.00	23	11	60	26	1	4	19	29.41	0.00	28	17	63	26	13	26	29.96	0.00	17	11	76	25	7	16	30.41	0.00	22	14	71	22	3	6	22	29.48	0.00	26	15	64	25	10	20	30.03	0.00	19	7	60	30	9	25	30.41	0.00	19	13	76	20	4	7
DEC 13																						DEC 14																						DEC 15																																																																																																																																																											
01	30.33	0.00	21	13	72	19	5	11	29.91	0.00	32	31	94	33	1	5	29.82	0.00	33	31	94	19	2	7	04	30.30	0.00	21	12	69	20	4	11	29.97	0.00	32	30	93	31	0	0	29.78	0.00	34	33	93	20	5	10	07	30.22	0.00	24	11	59	18	7	15	30.03	0.00	32	30	93	32	0	5	29.74	0.00	36	34	93	20	5	11	10	30.11	0.00	30	12	47	20	8	19	30.07	0.00	32	30	92	06	0	2	29.78	0.00	36	35	94	21	6	11	13	29.95	0.00	33	16	48	20	9	24	30.02	0.00	33	30	97	08	0	0	29.77	0.00	35	33	93	32	6	11	16	29.83	0.00	32	30	91	21	11	20	29.96	0.00	32	30	80	08	0	2	29.84	0.00	30	28	92	02	1	6	19	29.83	0.00	33	31	94	21	5	10	29.94	0.00	32	30	90	13	1	5	29.92	0.00	30	26	88	31	1	8	22	29.87	0.00	33	31	94	29	0	3	29.85	0.00	33	30	89	17	2	8	29.98	0.00	25	20	81	32	5	14
DEC 16																						DEC 17																						DEC 18																																																																																																																																																											
01	30.03	0.00	20	12	72	32	4	17	30.19	0.00	4	-1	78	34	5	15	30.33	0.00	5	-0	79	30	1	5	04	30.10	0.00	16	9	73	33	6	17	30.28	0.00	0	-6	74	32	7	17	30.33	0.00	2	-3	79	31	1	6	07	30.16	0.00	12	5	72	33	5	10	30.31	0.00	-1	-6	78	31	3	17	30.32	0.00	1	-3	82	32	0	1	10	30.18	0.00	14	6	72	03	2	7	30.36	0.00	1	-6	73	32	7	14	30.32	0.00	9	2	74	31	2	5	13	30.09	0.00	15	10	78	27	1	5	30.31	0.00	4	-5	67	30	6	15	30.25	0.00	14	-2	48	26	4	7	16	30.10	0.00	16	12	86	29	3	7	30.34	0.00	4	-5	66	32	6	13	30.21	0.00	12	-3	49	34	0	0	19	30.13	0.00	13	8	79	32	5	15	30.36	0.00	3	-4	72	32	2	13	30.20	0.00	4	-3	72	34	0	0	22	30.14	0.00	10	6	83	33	6	14	30.34	0.00	4	-3	75	33	1	10	30.16	0.00	1	-5	74	34	0	0

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.06	0.10	0.14	0.18	0.24	0.32	0.36	0.41	0.43	0.45	0.49	0.57
Ended: Date	03	03	03	03	03	03	03	03	03	03	03	03
Ended: Time	0710	0712	0720	0722	0732	0747	0803	0817	0835	0858	0913	0951

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

December 2009: 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						Direction	Speed	Gust																																																																																																																																																																																	
DEC 19												DEC 20												DEC 21																																																																																																																																																																															
01	30.10	0.00	0	-6	76	34	0	0	29.86	0.00	11	-4	50	02	0	4	29.87	0.00	13	7	79	33	4	10	04	30.08	0.00	1	-5	77	34	0	0	29.81	0.00	10	-0	63	05	2	8	29.88	0.00	13	7	78	31	4	9	07	30.03	0.00	-2	-6	80	03	0	1	29.81	0.00	7	1	76	01	2	6	29.88	0.00	13	7	76	32	1	7	10	30.04	0.00	13	1	59	03	0	2	29.84	0.00	9	4	78	00	2	10	29.88	0.00	16	7	66	32	5	13	13	29.94	0.00	19	0	43	35	2	5	29.81	0.00	13	5	69	01	5	10	29.84	0.00	22	8	55	31	7	15	16	29.94	0.00	14	-2	48	02	0	2	29.85	0.00	11	3	71	02	2	5	29.87	0.00	20	6	55	32	4	19	19	29.90	0.00	11	-1	57	01	3	9	29.87	0.00	10	5	78	02	0	3	29.91	0.00	17	6	62	30	6	14	22	29.88	0.00	12	-7	42	04	1	12	29.86	0.00	12	6	78	33	3	10	29.94	0.00	16	6	64	31	4	9
DEC 22												DEC 23												DEC 24																																																																																																																																																																															
01	29.96	0.00	14	5	68	30	4	7	30.08	0.00	10	5	82	25	4	10	30.29	0.00	16	13	88	15	0	2	04	29.99	0.00	7	3	81	32	0	0	30.07	0.00	10	5	80	26	5	8	30.34	0.00	19	16	89	05	0	2	07	30.04	0.00	9	5	82	02	0	0	30.07	0.00	9	5	83	26	3	8	30.40	0.00	21	18	90	02	0	1	10	30.06	0.00	12	6	77	29	0	6	30.10	0.00	11	7	82	29	3	7	30.47	0.00	24	21	90	02	0	2	13	30.02	0.00	15	5	63	26	1	5	30.09	0.00	14	9	81	28	4	6	30.48	0.00	27	24	90	02	0	2	16	30.07	0.00	11	3	70	00	1	5	30.15	0.00	14	9	82	33	1	9	30.46	0.00	26	23	91	02	0	4	19	30.11	0.00	9	4	81	31	1	10	30.20	0.00	14	11	85	33	0	0	30.47	0.00	25	23	91	02	0	1	22	30.11	0.00	9	2	73	29	7	13	30.23	0.00	15	11	86	33	0	0	30.47	0.00	25	23	92	11	0	0
DEC 25												DEC 26												DEC 27																																																																																																																																																																															
01	30.47	0.00	25	23	92	08	0	0	30.37	0.00	24	22	92	07	0	0	30.00	0.00	38	33	82	16	5	14	04	30.45	0.00	24	23	93	08	0	1	30.33	0.00	27	25	93	10	0	2	29.92	0.00	39	36	89	19	5	13	07	30.47	0.00	23	21	92	21	0	3	30.33	0.00	29	26	91	14	1	6	29.85	0.00	39	36	90	21	0	3	10	30.46	0.00	25	23	92	21	0	1	30.31	0.00	32	28	85	11	1	4	29.80	0.00	38	36	94	21	0	0	13	30.41	0.00	25	23	92	05	0	0	30.24	0.00	34	27	76	18	13	21	29.73	0.00	37	35	94	31	0	0	16	30.38	0.00	26	24	92	06	0	0	30.19	0.00	34	26	74	15	6	18	29.74	0.00	35	34	94	31	0	0	19	30.40	0.00	25	23	92	07	0	0	30.15	0.00	35	29	80	17	6	19	29.75	0.00	29	28	94	31	0	0	22	30.38	0.00	25	23	92	04	0	0	30.08	0.00	36	31	81	17	10	21	29.74	0.00	32	30	94	24	2	4
DEC 28												DEC 29												DEC 30																																																																																																																																																																															
01	29.69	0.00	33	29	87	26	0	6	29.43	0.00	25	22	91	26	0	0	30.29	0.00	1	-4	81	32	2	12	04	29.63	0.00	30	28	90	18	2	3	29.54	0.00	14	11	88	32	12	20	30.33	0.00	-0	-4	83	03	0	3	07	29.56	0.00	31	29	91	19	1	3	29.79	0.00	4	1	85	32	10	18	30.37	0.00	-4	-8	82	09	0	0	10	29.50	0.00	32	30	92	18	2	7	29.93	0.00	2	-2	83	30	10	22	30.39	0.00	6	1	81	20	4	7	13	29.37	0.00	32	30	92	19	0	4	30.00	0.00	3	-1	83	31	8	16	30.34	0.00	12	6	77	19	4	10	16	29.43	0.00	27	25	93	34	0	0	30.10	0.00	2	-2	81	32	8	17	30.32	0.00	14	9	78	19	4	7	19	29.47	0.00	26	24	92	34	0	0	30.22	0.00	2	-3	81	30	10	20	30.30	0.00	15	9	78	19	2	5	22	29.44	0.00	26	24	92	22	0	0	30.26	0.00	1	-3	81	30	7	20	30.26	0.00	17	12	79	20	1	10
DEC 31																																																																																																																																																																																																							
01	30.18	0.00	22	15	77	18	5	11																04	30.15	0.00	23	16	74	20	4	8																07	30.14	0.00	24	16	71	20	5	11																	10	30.11	0.00	24	16	70	20	6	10																	13	30.06	0.00	26	20	79	22	7	13																	16	30.04	0.00	26	22	85	20	4	9																	19	30.03	0.00	25	22	87	11	0	1																	22	29.98	0.00	25	22	90	00	0	0																		

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

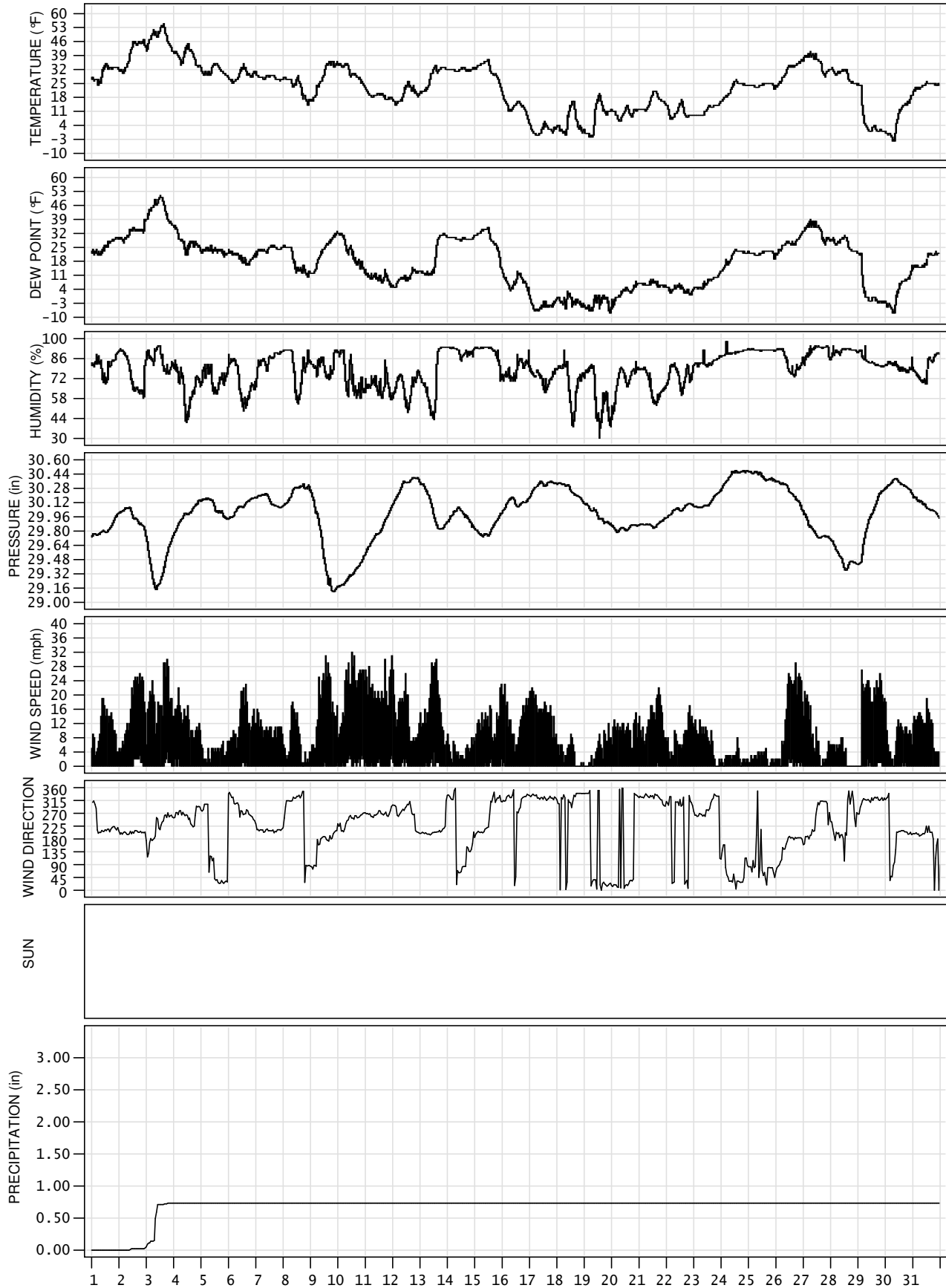
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		29.996	23	17	81	2.4	26	1.3
04		29.998	22	17	82	3.2	27	1.8
07		30.008	21	16	82	2.9	25	1.7
10		30.022	24	17	77	4.0	26	2.6
13		29.971	27	18	71	5.5	25	3.5
16		29.980	25	18	74	3.8	24	2.1
19		30.001	24	18	79	3.7	25	2.4
22		30.006	23	17	79	3.6	26	2.2

HOURLY PRECIPITATION (Water Equivalent) December 2009: Westford

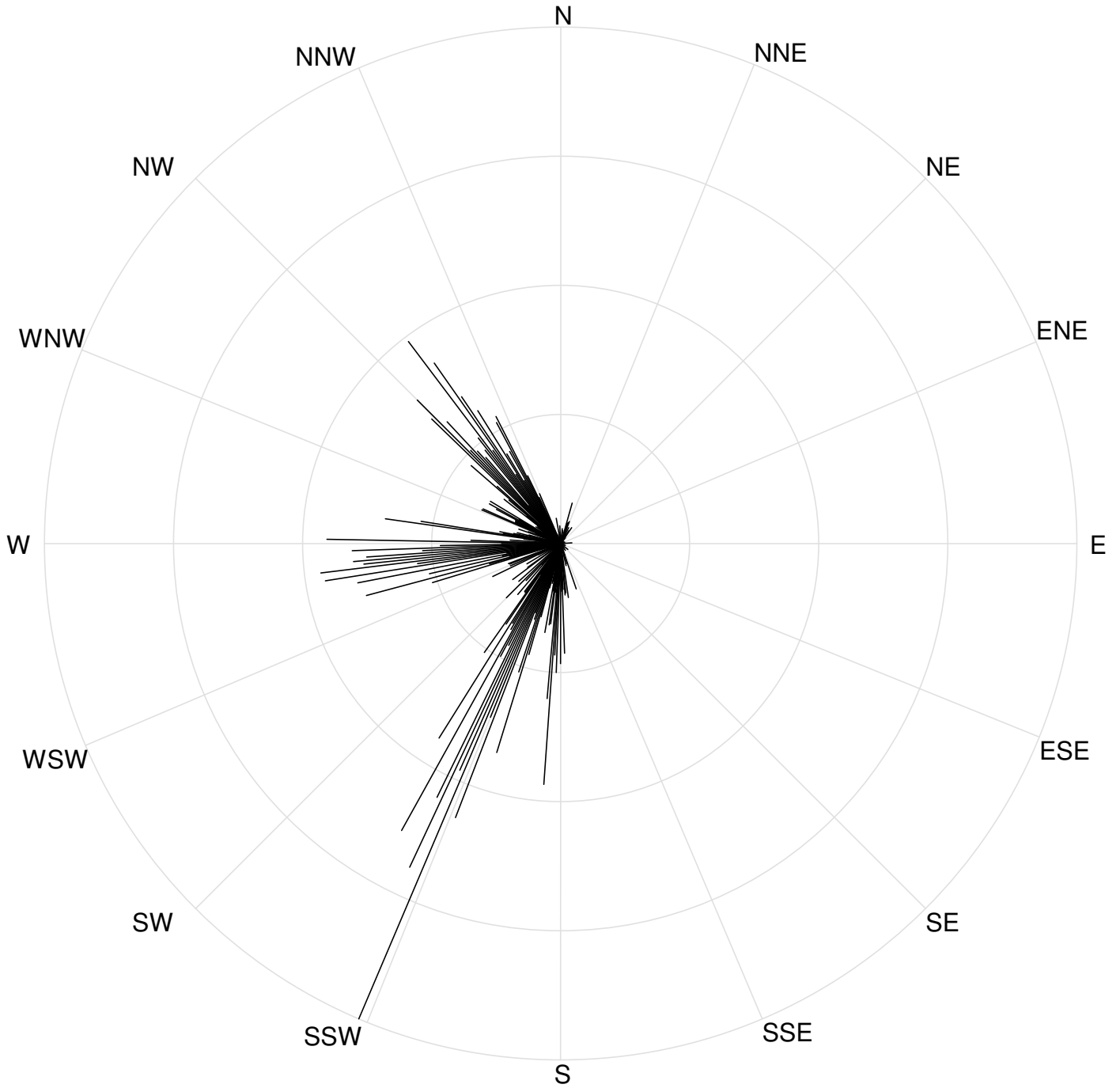
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																									01
02																									02
03	0.04	0.02		0.03			0.01	0.34	0.10	0.01	0.01					0.01			0.01					03	
04																									04
05																									05
06																									06
07																									07
08																									08
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25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31
Sum	0.04	0.02	0.00	0.03	0.00	0.00	0.01	0.34	0.10	0.13	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.02	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 December 2009: Westford



Wind Rose: December 2009
Westford



Maximum direction of wind: 89.7 miles from 203°.
2607.7 total miles of wind.