

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

October 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 hvly 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	47.2	38.2	42.7	41.3	37	85	22	0	.....	0	0.02	0.0	29.95	29.84	29.903	1.0	1.0	293	14	WNW	8	300
2	55.0	37.0	46.0	45.4	41	84	19	0	.....	0	0.05	0.0	30.03	29.92	29.963	1.1	1.1	205	14	S	7	210
3	61.6	47.8	54.7	54.2	50	87	10	0	.....	0	0.20	0.0	29.92	29.80	29.862	2.0	2.0	184	18	SSE	9	168
4	60.9	44.6	52.8	52.0	50	93	12	0	.2.....	0	0.01	0.0	29.87	29.81	29.845	0.3	0.2	302	10	WNW	7	299	
5	59.9	45.7	52.8	51.2	47	87	12	0	.....	0	0.07	0.0	29.82	29.73	29.780	1.8	1.8	253	16	WSW	9	268
6	59.5	45.9	52.7	51.5	46	82	12	0	.....	0	0.00	0.0	29.88	29.63	29.808	1.5	1.4	281	12	WNW	8	299
7	55.5	47.0	51.3	50.6	47	89	13	0	.....	0	0.48	0.0	29.65	29.26	29.403	4.2	3.1	261	28	WNW	19	304
8	56.3	40.9	48.6	47.7	42	81	16	0	.....	0	0.27	0.0	30.00	29.65	29.900	3.8	3.7	308	25	W	16	300
9	53.0	44.6	48.8	50.3	45	83	16	0	.....	0	0.01	0.0	29.98	29.64	29.803	1.2	1.2	206	12	SW	7	203
10	53.8	34.8	44.3	45.4	40	82	20	0	.....	0	0.18	0.0	30.04	29.61	29.832	1.8	1.8	321	18	W	12	299
11	51.8	35.1	43.4	42.0	32	69	21	0	.....	0	0.09	0.0	30.24	29.99	30.076	4.1	3.4	267	23	WNW	15	295
12	49.8	30.5	40.1	39.8	31	72	24	0	.....	0	0.00	0.0	30.35	30.16	30.269	1.0	0.9	236	12	WNW	7	281
13	42.4	33.0	37.7	36.8	34	91	27	0	...4.....	0	0.51	T	30.16	29.96	30.052	0.7	0.5	327	12	WNW	7	312	
14	38.3	31.0	34.6	34.6	29	81	30	0	.....	0	0.09	T	30.23	30.15	30.188	1.3	1.3	318	13	WNW	7	301
15	40.2	24.3	32.3*	32.6	24	72	33	0	.....	0	T	T	30.17	30.07	30.121	0.6	0.5	22	10	NE	5	44
16	45.7	23.0	34.4	31.8	21	68	30	0	.....	0	0.00	0.0	30.10	30.03	30.054	0.6	0.3	71	11	NE	1	47
17	49.2	22.1*	35.7	33.5	24	71	29	0	.....	0	0.01	0.0	30.20	30.09	30.148	0.6	0.5	323	10	W	7	288
18	48.5	24.5	36.5	33.6	26	76	28	0	.....	0	0.00	0.0	30.25	30.12	30.181	0.4	0.3	352	10	NW	6	326
19	53.1	24.2	38.6	36.9	25	66	26	0	.....	0	0.00	0.0	30.18	30.05	30.109	0.7	0.4	260	10	WNW	6	281
20	53.8	40.6	47.2	47.5	35	61	17	0	.....	0	0.00	0.0	30.09	29.99	30.029	3.3	3.2	207	14	S	8	215
21	50.3	42.3	46.3	46.0	39	75	19	0	.....	0	0.03	0.0	30.19	30.04	30.132	0.2	0.1	354	6	N	4	291
22	59.9	32.3	46.1	43.8	41	89	19	0	.....	0	0.39	0.0	30.11	29.69	29.893	2.8	1.4	239	19	SSW	13	207
23	44.5	30.9	37.7	36.6	31	82	27	0	.....	0	0.08	0.0	30.28	29.97	30.157	1.5	0.3	93	22	S	10	165
24	54.8	37.7	46.3	46.5	44	91	18	0	.....	0	0.78	0.0	29.97	29.52	29.719	4.4	4.3	189	26	SE	14	187
25	53.2	38.4	45.8	47.0	38	72	19	0	.....	0	0.02	0.0	30.17	29.61	29.931	5.5	5.3	269	27	WNW	15	287
26	51.4	27.3	39.4	38.3	30	73	26	0	.....	0	0.00	0.0	30.37	30.16	30.295	0.6	0.5	325	13	WNW	2	98
27	55.5	34.6	45.0	44.6	36	72	19	0	.....	0	0.00	0.0	30.25	30.02	30.101	3.5	3.4	197	28	SSW	15	209
28	51.2	40.0	45.6	45.0	42	89	19	0	.....	0	0.16	0.0	30.11	29.94	30.017	0.4	0.2	91	7	ESE	4	194
29	47.4	41.7	44.6	44.3	43	95	20	0	.2.....	0	0.07	0.0	30.28	30.11	30.233	0.3	0.3	227	7	S	4	202	
30	55.5	44.1	49.8	49.2	46	89	15	0	.....	0	0.15	0.0	30.24	29.83	30.087	6.0	6.0	202	34	SW	21	195
31	64.7*	49.1	56.9*	54.7	48	79	8	0	.....	0	0.19	0.0	29.83	29.45	29.657	13.1	11.7	220	40	SSW	23	199
Sum	Sum	-----	-----	---	----	Ttl	Ttl						For the month:										---
1624	1133					626	0		Number of Days	3.86	T	30.37	29.26	29.985	2.3	1.4	237	40	SSW	23	199		
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip	Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg				
52.4	36.6	44.5	43.7	38	80.2	----	----		≥.01 inch	22	38.59	T	26	7	-----	----	----	---	31	31			
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			935	271	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	2	0.79	23-24	T	13+	0						-					
0	0	10	0	----	----	Clear	2	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
October 2009: 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						Humidity	Direction	Speed						Humidity	Direction	Speed	Humidity	Direction	Speed
OCT 01									OCT 02									OCT 03								
01		29.84	0.00	40	36	85	28	0	8	29.96	0.00	39	38	94	19	0	3	29.91	0.00	48	46	91	18	3	11	
04		29.85	0.00	40	36	87	29	1	7	29.96	0.00	39	37	93	29	0	2	29.88	0.04	49	47	91	16	1	10	
07		29.89	0.00	38	35	88	27	1	4	29.97	0.00	38	36	93	23	0	3	29.88	0.00	51	49	92	19	0	4	
10		29.92	0.00	41	34	77	31	4	7	30.01	0.00	46	41	84	20	3	9	29.89	0.00	55	51	86	18	1	8	
13		29.91	0.00	44	38	78	31	1	7	29.98	0.00	52	40	63	16	2	10	29.86	0.00	59	52	78	16	5	15	
16		29.92	0.00	46	37	70	01	0	3	29.95	0.00	52	43	70	19	2	7	29.82	0.00	60	53	76	17	2	11	
19		29.94	0.00	41	38	90	03	0	0	29.96	0.00	47	43	87	21	1	5	29.82	0.00	55	51	86	24	0	5	
22		29.95	0.00	40	38	93	17	0	2	29.94	0.00	47	45	92	12	0	6	29.84	0.00	53	52	94	14	0	0	
OCT 04									OCT 05									OCT 06								
01		29.85	0.00	49	47	94	14	0	0	29.81	0.00	47	46	95	21	0	2	29.79	0.00	50	46	86	25	1	6	
04		29.85	0.00	46	45	95	14	0	0	29.79	0.00	49	48	96	22	0	0	29.81	0.00	49	45	86	27	1	7	
07		29.86	0.00	49	48	96	13	0	0	29.80	0.00	49	48	96	22	2	6	29.85	0.00	49	45	88	27	0	6	
10		29.86	0.00	55	54	96	13	0	4	29.80	0.00	53	50	90	23	3	7	29.87	0.00	51	46	83	32	1	10	
13		29.85	0.00	56	55	96	29	2	4	29.76	0.00	57	48	73	25	3	16	29.85	0.00	58	46	65	29	2	8	
16		29.82	0.00	59	53	81	30	0	5	29.74	0.00	53	48	83	26	0	2	29.81	0.00	56	47	71	22	0	4	
19		29.83	0.00	52	50	92	32	0	0	29.76	0.00	52	47	85	26	3	7	29.78	0.00	50	47	88	08	0	0	
22		29.85	0.00	48	47	95	32	0	0	29.80	0.00	50	45	85	25	3	10	29.72	0.00	47	45	92	08	0	0	
OCT 07									OCT 08									OCT 09								
01		29.59	0.00	50	45	83	17	0	5	29.69	0.00	48	43	83	30	9	20	29.96	0.00	46	42	83	20	2	6	
04		29.41	0.00	49	46	91	15	2	12	29.79	0.00	47	42	83	30	6	12	29.93	0.00	48	42	79	19	2	9	
07		29.31	0.09	51	49	95	20	3	10	29.86	0.30	46	42	85	31	2	14	29.89	0.00	50	43	79	19	2	11	
10		29.28	0.00	53	51	95	21	0	5	29.93	0.00	48	44	84	31	4	9	29.84	0.00	52	47	85	21	0	0	
13		29.29	0.00	50	47	91	23	4	8	29.92	0.00	54	45	72	31	1	9	29.76	0.00	52	45	77	20	2	6	
16		29.34	0.00	53	47	79	25	6	14	29.96	0.00	56	43	62	28	3	8	29.74	0.00	53	47	82	26	0	4	
19		29.43	0.00	52	47	88	23	1	9	29.98	0.00	44	40	87	25	0	1	29.70	0.00	51	48	89	20	0	4	
22		29.57	0.00	47	44	88	32	6	16	29.99	0.00	42	40	90	22	0	4	29.68	0.00	50	48	93	22	0	0	
OCT 10									OCT 11									OCT 12								
01		29.65	0.07	50	48	94	22	0	0	30.01	0.00	38	34	87	22	0	2	30.25	0.00	38	30	72	25	0	7	
04		29.62	0.00	49	48	95	34	0	0	30.00	0.00	40	35	82	22	4	9	30.28	0.00	32	28	86	23	0	3	
07		29.67	0.00	45	44	95	32	1	10	30.02	0.00	41	36	83	20	4	11	30.32	0.00	31	28	88	21	0	0	
10										30.07	0.04	39	36	90	29	6	10	30.34	0.00	43	33	68	19	2	9	
13		29.89	0.00	47	39	74	31	7	16	30.07	0.00	48	24	40	26	6	16	30.31	0.00	47	31	54	25	2	8	
16		29.92	0.00	52	35	54	28	7	15	30.07	0.00	47	26	43	27	7	12	30.26	0.00	48	30	49	22	1	6	
19		30.00	0.00	40	33	75	30	0	1	30.13	0.00	41	29	64	23	3	8	30.22	0.00	41	32	69	19	0	2	
22		30.03	0.00	37	31	81	28	0	1	30.20	0.00	39	29	68	25	1	5	30.19	0.00	38	34	86	20	0	0	
OCT 13									OCT 14									OCT 15								
01		30.14	0.00	39	34	83	19	0	1	30.15	0.00	36	35	94	35	0	7	30.17	0.00	33	27	79	30	1	6	
04		30.08	0.09	36	34	90	18	0	5	30.17	0.00	34	33	93	35	1	7	30.13	0.00	32	28	85	28	0	1	
07		30.02	0.00	33	31	92	15	0	0	30.21	0.00	31	29	92	32	0	5	30.15	0.00	31	27	83	02	0	3	
10		29.98	0.00	36	35	94	25	0	3	30.23	0.00	37	32	83	31	4	9	30.16	0.00	34	26	70	01	1	6	
13		29.97	0.00	38	36	93	32	2	5	30.21	0.00	37	27	67	30	5	11	30.12	0.00	36	23	57	00	2	9	
16		30.02	0.00	41	38	92	33	3	12	30.19	0.00	36	28	73	29	0	4	30.08	0.00	37	23	57	02	2	5	
19		30.07	0.04	36	34	92	03	1	5	30.18	0.00	34	24	68	32	0	8	30.09	0.00	32	25	77	01	0	0	
22		30.15	0.00	37	35	94	31	0	5	30.17	0.00	33	27	78	32	0	1	30.09	0.00	26	21	82	01	0	0	
OCT 16									OCT 17									OCT 18								
01		30.06	0.00	24	20	84	00	0	0	30.09	0.00	25	21	84	09	0	0	30.19	0.00	28	24	84	10	0	0	
04		30.03	0.00	24	20	84	04	0	1	30.11	0.00	24	21	87	06	0	0	30.19	0.00	26	22	85	10	0	0	
07		30.04	0.00	25	20	82	02	0	1	30.15	0.00	24	21	88	06	0	0	30.22	0.00	26	23	88	20	0	1	
10		30.06	0.00	33	23	66	02	2	5	30.15	0.00	33	27	78	35	0	2	30.22	0.00	32	27	80	05	1	4	
13		30.04	0.00	42	22	44	02	2	7	30.16	0.00	47	27	46	27	2	10	30.20	0.00	45	30	55	33	1	5	
16		30.03	0.00	45	21	38	06	1	6	30.15	0.00	48	28	46	32	1	8	30.15	0.00	48	32	55	32	2	6	
19		30.06	0.00	31	23	71	13	0	0	30.17	0.00	36	27	70	31	0	0	30.15	0.00	36	28	73	35	0	1	
22		30.09	0.00	26	21	82	09	0	0	30.19	0.00	32	25	75	04	0	2	30.14	0.00	31	25	80	36	0	0	

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.19	0.20	0.20	0.20	0.20	0.21	0.21	0.22	0.24	0.28	0.32	0.38
Ended: Date	08	08	08	08	08	08	08	24	24	24	24	24
Ended: Time	0657	0658	0658	0658	0658	0658	0658	0220	0220	0352	0344	0352

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

October 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													
OCT 19												OCT 20												OCT 21											
01		30.12	0.00	27	23	86	36	0	0						30.04	0.00	43	28	56	21	3	8						30.10	0.00	48	42	79	32	0	3
04		30.12	0.00	29	24	81	00	0	0						30.01	0.00	43	29	57	20	4	9						30.13	0.00	44	39	82	01	0	2
07		30.17	0.00	25	22	89	01	0	0						30.00	0.00	44	30	56	21	4	11						30.15	0.00	43	37	80	01	0	2
10		30.18	0.00	41	30	65	00	0	4						30.02	0.00	46	32	58	20	5	12						30.18	0.00	45	38	77	05	0	0
13		30.13	0.00	48	27	45	27	4	9						30.01	0.00	50	36	58	21	4	8						30.16	0.00	49	38	66	30	1	4
16		30.07	0.00	53	26	35	29	1	3						30.01	0.00	54	39	58	22	2	7						30.14	0.00	49	38	66	02	0	1
19		30.05	0.00	37	24	59	20	0	0						30.06	0.00	50	40	70	20	0	2						30.10	0.00	46	38	76	01	0	0
22		30.05	0.00	37	25	61	20	1	5						30.07	0.00	49	42	76	19	0	3						30.09	0.00	44	38	79	03	0	2
OCT 22												OCT 23												OCT 24											
01		30.01	0.05	42	40	90	09	0	0						30.11	0.00	32	30	92	34	2	8						29.94	0.12	38	35	89	16	5	18
04		29.95	0.00	42	40	93	23	0	6						30.16	0.00	32	29	91	04	2	6						29.88	0.08	39	36	90	18	9	24
07		29.90	0.00	43	42	95	20	2	8						30.23	0.00	31	29	90	02	0	3						29.80	0.00	42	39	88	18	7	15
10		29.85	0.00	48	46	95	19	2	7						30.27	0.00	34	30	85	33	1	3						29.76	0.00	46	42	88	18	7	15
13		29.74	0.00	60	49	68	22	8	16						30.20	0.00	42	32	68	03	1	6						29.66	0.00	49	46	91	18	1	6
16		29.76	0.00	43	40	90	04	2	7						30.16	0.00	43	30	60	04	0	3						29.60	0.00	50	48	93	20	2	7
19		29.89	0.19	36	33	92	35	1	10						30.11	0.00	39	35	85	29	0	2						29.57	0.00	54	52	95	18	5	12
22		30.06	0.00	33	31	93	35	1	7						30.05	0.00	40	36	87	16	5	13						29.60	0.14	53	52	95	22	3	9
OCT 25												OCT 26												OCT 27											
01		29.65	0.00	50	47	88	28	9	17						30.19	0.00	36	31	82	00	0	0						30.22	0.00	35	31	83	06	0	0
04		29.75	0.00	48	41	78	26	5	10						30.24	0.00	33	29	85	02	0	2						30.17	0.00	38	30	71	19	0	2
07		29.82	0.00	46	40	78	25	7	15						30.30	0.00	29	27	91	00	0	0						30.14	0.00	40	30	67	20	1	3
10		29.93	0.00	47	37	70	27	5	15						30.37	0.00	41	33	73	33	0	2						30.12	0.00	48	35	60	19	1	18
13		29.98	0.00	51	38	63	25	9	21						30.34	0.00	48	32	54	33	2	5						30.03	0.00	55	39	54	19	10	17
16		30.01	0.00	48	36	62	26	8	17						30.32	0.00	49	25	40	27	0	1						30.04	0.00	52	42	70	18	5	14
19		30.08	0.00	45	35	68	24	2	8						30.31	0.00	38	30	75	32	0	1						30.05	0.00	48	40	75	20	4	8
22		30.13	0.00	43	35	75	30	0	0						30.27	0.00	36	30	80	06	1	4						30.07	0.00	41	37	87	20	0	1
OCT 28												OCT 29												OCT 30											
01		30.03	0.00	42	39	89	09	0	5						30.12	0.00	44	42	95	02	0	0						30.24	0.00	44	43	95	06	0	0
04		30.01	0.00	41	38	89	09	0	0						30.19	0.00	43	41	95	31	0	0						30.22	0.00	45	44	96	20	0	3
07		30.00	0.00	44	41	89	05	1	7						30.22	0.00	42	41	95	31	0	0						30.20	0.00	46	45	96	20	2	5
10		29.96	0.00	47	42	84	06	0	3						30.27	0.00	44	43	95	18	2	5						30.16	0.00	49	48	96	18	3	7
13		29.99	0.00	49	44	82	22	0	5						30.27	0.00	47	45	93	31	1	3						30.06	0.00	56	49	78	19	13	27
16		30.00	0.00	47	45	91	02	0	3						30.23	0.00	47	46	94	23	0	4						30.01	0.00	53	47	79	20	8	24
19		30.05	0.00	45	43	92	02	0	1						30.28	0.00	44	43	95	31	0	0						29.97	0.61	49	47	92	19	7	22
22		30.09	0.00	45	43	94	02	0	0						30.28	0.00	44	43	95	06	0	0						29.89	0.00	51	46	81	19	11	31
OCT 31																																			
01		29.81	0.00	52	45	78	21	10	32																										
04		29.72	0.00	52	46	81	19	18	28																										
07		29.67	0.00	53	48	82	20	17	31																										
10		29.64	0.00	57	52	82	20	9	24																										
13		29.53	0.00	61	56	83	20	10	22																										
16		29.46	0.00	64	58	80	20	16	32																										
19		29.67	0.00	52	47	81	26	7	13																										
22		29.75	0.00	51	38	61	25	14	23																										

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

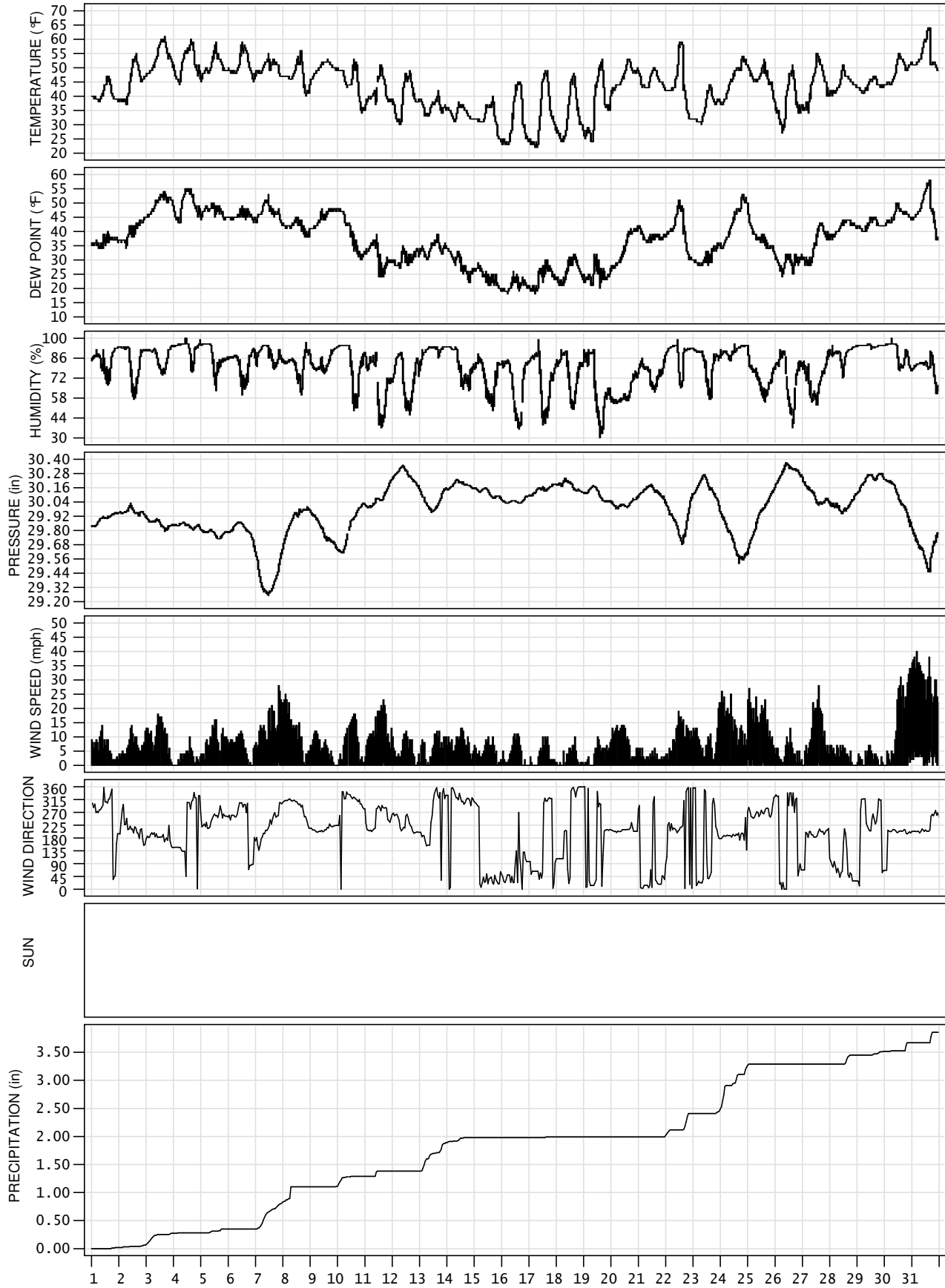
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		29.990	41	37	86	1.5	24	0.9
04		29.982	40	36	86	1.8	21	1.3
07		29.990	40	36	87	1.8	21	1.4
10		30.011	44	39	81	2.2	24	1.2
13		29.976	49	39	69	3.7	24	2.3
16		29.961	50	39	68	2.7	24	1.7
19		29.982	44	38	81	1.2	23	0.9
22		30.000	42	37	84	1.5	24	1.0

HOURLY PRECIPITATION (Water Equivalent) October 2009: Westford

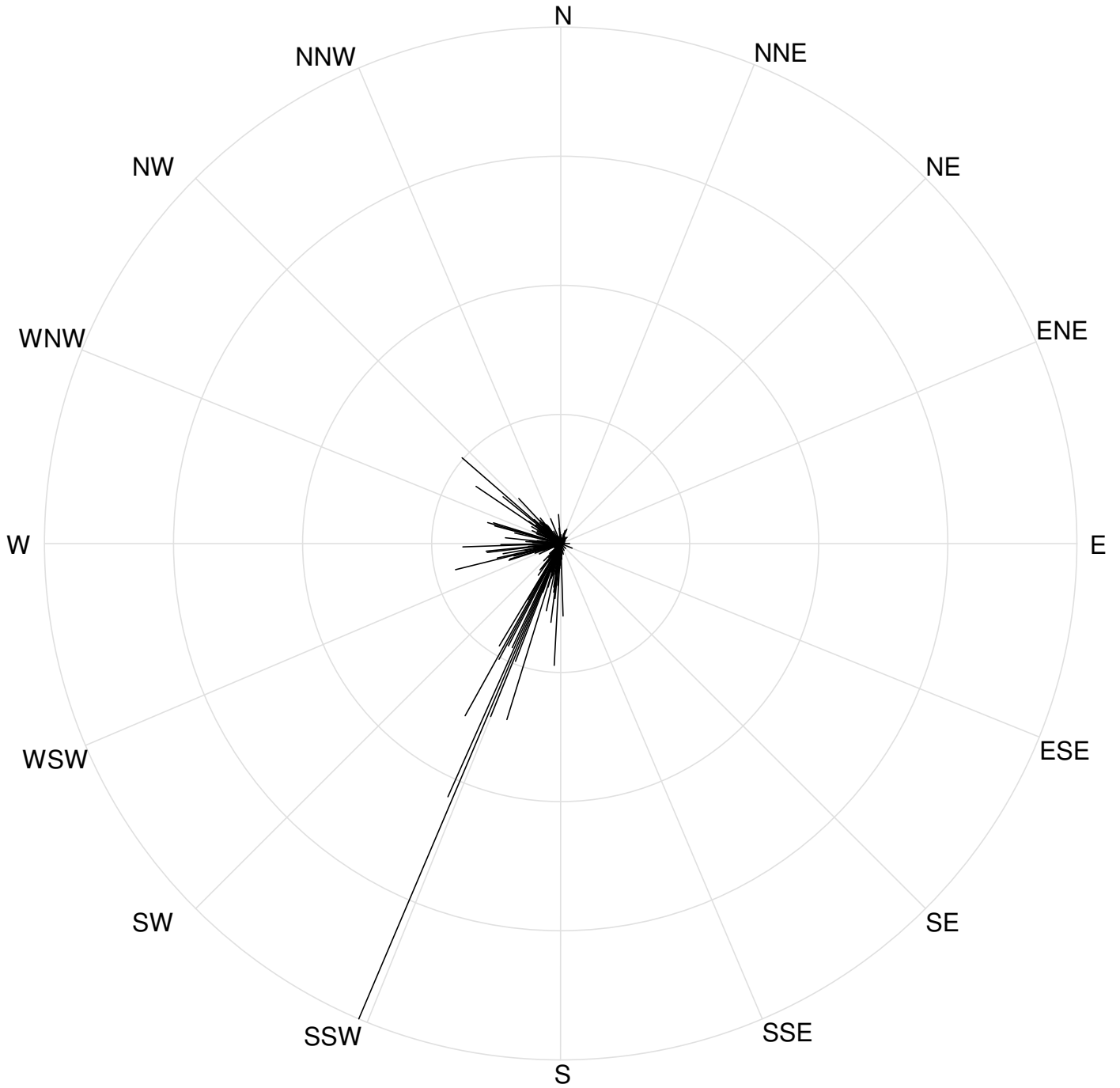
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																									01
02				0.01						0.01							0.01			0.01				0.01	02
03	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.01		0.01										0.01	0.01			0.01	03
04				0.01																					04
05								0.01	0.01	0.01					0.01			0.03							05
06																									06
07		0.01	0.01	0.02	0.03	0.04	0.05	0.05	0.04	0.03	0.02	0.01	0.01	0.02	0.01	0.01		0.02	0.02	0.02	0.02	0.01	0.01	0.02	07
08	0.01	0.01	0.02		0.02		0.21																		08
09																							0.01		09
10	0.04	0.04	0.03	0.04		0.01		0.01				0.01													10
11																									11
12										0.08	0.01														12
13		0.01	0.04	0.06	0.07	0.04		0.01	0.05	0.02	0.01	0.01			0.01			0.02	0.04	0.08	0.02		0.02	13	
14	0.01	0.01				0.01				0.01	0.02	0.02			0.01										14
15																									15
16																									16
17															0.01										17
18																									18
19																									19
20																									20
21																									21
22	0.03	0.02	0.03	0.02											0.01	0.05	0.08	0.09	0.06					0.03	22
23																					0.02	0.01	0.01	0.04	23
24	0.04	0.11	0.11	0.14	0.02					0.03	0.01			0.06	0.08	0.02						0.08	0.05	0.03	24
25	0.02																								25
26																									26
27																									27
28														0.02	0.07	0.04	0.02	0.01	0.01						28
29														0.01	0.01		0.02	0.01	0.01	0.02			0.01		29
30						0.01													0.10	0.04					30
31																0.12	0.07								31
Sum	0.17	0.23	0.26	0.33	0.17	0.13	0.28	0.09	0.10	0.17	0.09	0.06	0.01	0.11	0.20	0.09	0.19	0.25	0.26	0.23	0.08	0.12	0.11	0.13	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 October 2009: Westford



Wind Rose: October 2009
Westford



Maximum direction of wind: 139.5 miles from 203°.
1681.3 total miles of wind.