

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

May 2011

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 Adj. to Sea Level			Wind						Solar Radiation					
	Maximum	Minimum	Average	Mean	Dew Point		Mean	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	69.1	37.2	53.1	54.8	31	45	12	0	.....	0	0.00	0.0	30.29	30.09	30.209	1.3	0.6	353	14	NE	10	293	299			
2	67.2	47.1	57.1	56.7	42	58	8	0	.....	0	T	0.0	30.16	29.94	30.065	5.3	5.3	207	25	SSW	15	197	153			
3	57.5	45.8	51.6	49.0	44	82	13	0	.....	0	1.34	0.0	30.15	29.87	30.031	1.0	0.3	358	12	N	7	164	34			
4	52.7	40.7	46.7	44.2	43	94	18	0	.....	0	0.86	0.0	29.96	29.82	29.923	1.6	1.4	322	16	WNW	8	327	52			
5	42.2	36.8	39.5*	39.3	38	93	25	0	.....	0	0.31	0.0	29.94	29.79	29.853	3.4	3.1	325	18	WNW	12	302	91			
6	59.6	35.7*	47.6	48.6	37	67	17	0	.....	0	0.00	0.0	29.80	29.72	29.757	2.8	2.7	227	18	WSW	12	226	139			
7	64.5	44.0	54.3	54.2	42	64	10	0	.....	0	T	0.0	29.85	29.74	29.777	2.0	1.7	307	14	W	9	311	242			
8	63.0	45.5	54.3	52.6	41	68	10	0	.....	0	0.01	0.0	30.00	29.84	29.926	1.9	1.8	351	18	WNW	10	324	208			
9	63.1	45.8	54.4	54.1	36	52	10	0	.....	0	0.00	0.0	30.08	29.98	30.018	2.9	2.9	17	22	E	11	29	236			
10	65.9	36.2	51.1	52.1	36	54	14	0	.....	0	0.00	0.0	30.11	30.02	30.068	2.4	2.2	2	21	NNW	11	325	238			
11	67.7	42.5	55.1	55.0	43	65	9	0	.....	0	0.00	0.0	30.16	30.08	30.111	1.3	1.3	35	14	NE	9	23	196			
12	71.9	41.3	56.6	57.9	44	61	8	0	.....	0	0.00	0.0	30.09	29.89	30.007	1.2	1.1	327	15	W	10	310	257			
13	76.7	51.7	64.2	64.1	50	62	0	0	.....	0	0.00	0.0	29.90	29.68	29.785	4.9	4.9	209	21	S	12	200	245			
14	65.6	54.5	60.0	59.4	54	82	4	0	.....	0	0.62	0.0	29.73	29.65	29.693	3.7	3.6	213	23	S	12	202	66			
15	54.5	46.9	50.7	50.0	49	95	14	0	.....	0	1.08	0.0	29.77	29.62	29.693	2.1	2.1	28	18	N	9	35	37			
16	52.9	45.8	49.4	49.0	48	95	15	0	.2.....	0	0.48	0.0	29.94	29.73	29.805	0.6	0.6	45	15	NE	7	19	39				
17	63.9	45.6	54.8	53.6	51	92	10	0	.2.....	0	0.00	0.0	30.09	29.94	30.048	0.6	0.4	52	12	S	6	154	137				
18	68.3	54.6	61.5	61.6	56	83	3	0	.....	0	T	0.0	30.13	30.05	30.093	1.5	1.5	176	17	S	7	159	101			
19	76.3	57.2	66.8	64.6	58	81	0	2	.....	0	0.14	0.0	30.05	29.95	29.991	0.8	0.6	183	12	SW	6	218	217			
20	70.6	54.9	62.8	60.9	58	92	2	0	.23.....	0	0.80	0.0	29.96	29.85	29.920	0.6	0.4	303	13	W	8	303	91				
21	73.3	55.5	64.4	61.9	59	91	0	0	.2.....	0	0.01	0.0	29.97	29.88	29.936	0.5	0.4	352	12	WNW	6	324	176				
22	72.9	54.1	63.5	63.0	58	84	1	0	.....	0	0.01	0.0	30.04	29.93	29.989	3.1	3.0	213	18	S	10	216	204			
23	67.0	56.4	61.7	61.2	56	84	3	0	.....	0	0.04	0.0	29.93	29.62	29.802	8.4	8.3	209	34	SSW	18	207	218			
24	73.7	57.0	65.3	65.8	60	81	0	1	.....	0	0.00	0.0	29.81	29.55	29.628	4.7	3.8	236	21	SW	12	219	148			
25	68.6	45.8	57.2	56.8	50	78	7	0	.....	0	0.00	0.0	29.97	29.81	29.896	0.6	0.5	352	12	WNW	8	295	264			
26	82.2	51.0	66.6	66.1	60	82	0	2	.3.5....	0	1.24	0.0	29.86	29.68	29.766	4.2	4.0	218	31	S	16	214	195				
27	61.4	52.2	56.8	54.8	54	96	8	0	.23.....	0	1.17	0.0	30.01	29.77	29.927	1.0	0.8	313	34	NW	17	288	81				
28	74.6	50.7	62.6	63.2	61	92	2	0	.3.....	0	0.89	0.0	30.04	29.90	29.941	1.4	1.1	218	19	SW	9	214	149				
29	78.2	65.3	71.8*	70.1	67	90	0	7	.3.....	0	0.42	0.0	29.96	29.89	29.918	2.9	2.9	214	19	S	11	219	141				
30	78.6	56.9	67.8	69.1	62	80	0	3	.3.....	0	0.02	0.0	30.13	29.89	30.028	0.8	0.7	321	11	N	7	316	303				
31	83.6*	55.9	69.8	70.5	60	72	0	5	.....	0	0.00	0.0	30.18	29.96	30.101	0.6	0.6	209	12	S	5	240	287			
Sum	Sum	-----	-----	---	----		Ttl	Ttl	Number of Days				For the month:														---
2087	1511						223	20			9.44	0.0	30.29	29.55	29.926	2.3	1.0	243	34	SSW	18	207					
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip	Season Ttl		Date	Date	-----	----	----	----	Date	Date	Avg							
67.3	48.7	58.0	57.6	50	78.0	----	----		≥.01 inch	17	26.10	170.5	1	24	-----	----	----	----	23+	23	169						
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			7726	23	Thunder	6	Precipitation			Snow, Ice Plts														
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	5	1.98	26-27	0.0	-	0					-								
0	0	0	0	----	----			Clear	3	Partly Cloudy		11	Cloudy		17												

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: Solar Radiation is measured in Watts/m^2 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

May 2011: 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																																																																																																																																																																																																										
MAY 01																						MAY 02																						MAY 03																																																																																																																																																																																			
01	0	30.24	0.00	43	33	67	05	0	0	0	30.13	0.00	52	33	48	19	0	2	0	30.07	0.00	55	47	75	24	0	4	04	0	30.27	0.00	39	33	78	05	0	2	0	30.10	0.00	51	34	52	17	3	10	0	30.10	0.00	50	40	70	01	2	6	07	37	30.29	0.00	43	33	69	05	0	2	47	30.15	0.00	50	37	61	19	5	10	33	30.14	0.00	50	41	72	02	0	4	10	680	30.27	0.00	59	28	31	01	0	5	606	30.09	0.00	60	42	51	20	4	12	229	30.11	0.00	50	41	71	04	4	7	13	893	30.21	0.00	66	23	19	01	3	11	276	30.03	0.00	63	45	52	21	9	18	56	30.03	0.15	48	44	86	04	1	8	16	606	30.17	0.00	67	33	29	30	6	9	229	29.95	0.00	64	48	55	21	7	18	30	30.01	0.40	47	45	93	32	0	6	19	95	30.11	0.00	66	31	27	19	0	5	5	30.02	0.00	58	48	69	20	8	17	11	29.93	0.38	47	45	94	04	0	0	22	0	30.14	0.00	56	34	44	17	0	2	0	30.06	0.00	58	47	68	21	7	13	0	29.90	0.13	47	45	95	21	2	3
MAY 04																						MAY 05																						MAY 06																																																																																																																																																																																			
01	0	29.85	0.06	52	51	96	18	3	9	0	29.93	0.00	41	39	94	34	3	11	0	29.77	0.00	37	34	90	23	4	7	04	0	29.87	0.07	46	44	95	31	3	13	0	29.89	0.00	39	38	94	35	1	13	0	29.76	0.00	36	34	91	22	0	3	07	16	29.93	0.11	44	43	95	32	1	7	30	29.88	0.00	39	37	94	33	2	9	49	29.77	0.00	38	35	89	19	4	9	10	47	29.96	0.00	45	44	95	29	4	8	137	29.86	0.00	40	38	93	32	1	10	694	29.75	0.00	50	36	60	21	9	17	13	127	29.95	0.08	44	42	94	00	2	5	301	29.83	0.00	40	38	94	33	9	15	265	29.74	0.00	56	41	56	13	1	7	16	90	29.94	0.00	42	40	92	34	2	10	179	29.82	0.00	40	38	92	31	6	18	114	29.73	0.00	59	37	43	22	4	11	19	33	29.95	0.00	41	40	93	31	0	5	23	29.83	0.00	37	36	93	31	0	7	11	29.76	0.00	58	39	49	26	0	5	22	0	29.95	0.00	41	40	94	00	1	10	0	29.82	0.00	38	37	94	26	4	11	0	29.77	0.00	52	40	65	29	0	2
MAY 07																						MAY 08																						MAY 09																																																																																																																																																																																			
01	0	29.76	0.00	47	39	72	19	0	2	0	29.85	0.00	50	43	79	02	0	2	0	30.00	0.00	48	40	73	02	0	3	04	0	29.75	0.00	45	38	77	20	0	0	0	29.86	0.00	46	43	87	30	3	5	0	29.99	0.00	46	39	76	01	0	2	07	81	29.76	0.00	49	41	74	19	0	3	40	29.92	0.00	46	43	91	32	0	1	60	30.05	0.00	47	38	70	00	0	5	10	731	29.79	0.00	57	43	60	26	5	8	348	29.94	0.00	53	45	73	33	4	9	285	30.06	0.00	57	34	43	01	6	19	13	986	29.77	0.00	61	44	53	31	6	13	645	29.94	0.00	57	43	58	34	4	10	116	30.02	0.00	59	38	46	34	3	13	16	652	29.75	0.00	63	41	45	31	4	13	336	29.93	0.00	61	40	46	35	3	18	684	30.00	0.00	63	38	40	35	5	14	19	62	29.79	0.00	58	43	57	01	3	9	79	29.95	0.00	60	39	46	01	2	10	25	29.98	0.00	61	38	42	04	0	10	22	0	29.83	0.00	52	44	75	03	2	4	0	30.00	0.00	50	39	66	05	1	6	0	30.03	0.00	51	30	44	03	3	11
MAY 10																						MAY 11																						MAY 12																																																																																																																																																																																			
01	0	30.04	0.00	44	24	44	05	0	1	0	30.11	0.00	46	40	78	02	0	0	0	30.08	0.00	50	38	65	04	0	2	04	0	30.04	0.00	39	27	61	07	0	1	0	30.10	0.00	45	39	82	02	0	2	0	30.07	0.00	45	37	75	04	0	2	07	39	30.10	0.00	40	28	62	04	2	5	39	30.15	0.00	45	41	86	14	0	4	35	30.09	0.00	44	38	81	02	0	1	10	445	30.10	0.00	55	36	49	35	4	9	573	30.15	0.00	58	44	60	04	4	11	573	30.06	0.00	60	42	51	35	1	5	13	777	30.07	0.00	60	42	51	32	10	16	292	30.13	0.00	63	47	57	00	1	7	751	30.00	0.00	68	46	45	34	3	8	16	814	30.05	0.00	65	43	45	02	9	14	334	30.08	0.00	67	48	49	01	2	6	513	29.95	0.00	69	49	49	29	6	11	19	46	30.06	0.00	62	41	46	00	1	13	116	30.08	0.00	65	45	49	01	2	8	67	29.92	0.00	70	49	48	31	2	4	22	0	30.09	0.00	51	40	68	05	0	4	0	30.09	0.00	51	41	67	03	0	0	0	29.91	0.00	58	48	70	34	1	2
MAY 13																						MAY 14																						MAY 15																																																																																																																																																																																			
01	0	29.88	0.00	53	46	77	20	1	3	0	29.72	0.00	61	51	71	21	7	17	0	29.65	0.12	54	53	95	22	0	0	04	0	29.86	0.00	54	46	73	19	3	7	0	29.71	0.00	59	51	74	20	8	14	0	29.63	0.00	51	49	95	28	0	2	07	79	29.85	0.00	57	47	71	20	4	11	42	29.72	0.00	58	51	78	20	3	9	11	29.66	0.12	50	49	96	30	0	1	10	541	29.83	0.00	65	51	60	18	5	14	253	29.72	0.00	62	53	72	21	6	16	33	29.69	0.00	51	50	96	03	4	9	13	708	29.77	0.00	72	52	49	19	8	15	139	29.69	0.00	64	55	74	19	1	10	130	29.70	0.07	50	49	96	01	5	18	16	570	29.71	0.00	76	54	47	21	5	16	46	29.68	0.04	59	56	91	21	3	7	113	29.71	0.05	50	49	95	02	5	12	19	56	29.69	0.00	71	53	53	20	9	16	9	29.66	0.16	58	56	94	22	5	10	12	29.72	0.00	48	47	95	02	2	9	22	0	29.72	0.00	64	52	66	21	6	16	0	29.67	0.00	56	55	95	20	1	9	0	29.76	0.00	47	46	95	01	1	7
MAY 16																						MAY 17																						MAY 18																																																																																																																																																																																			
01	0	29.75	0.00	47	46	95	01	2	9	0	29.95	0.00	47	46	96	05	1	2	0	30.09	0.00	56	54	92	17	2	2	04	0	29.73	0.04	46	44	95	07	0	8	0	29.99	0.00	46	45	96	05	0	1	0	30.08	0.00	57	54	90	16	0	1	07	28	29.76	0.00	47	46	95	05	0	3	54	30.03	0.00	47	46	97	05	0	1	21	30.11	0.00	60	56	86	19	3	7	10	60	29.78	0.00	50	48	95	05	0	2	142	30.08	0.00	51	50	97	05	1	3	148	30.12	0.00	62	56	81	17	5	10	13	162	29.80	0.06	51	50	95	05	0	2	592	30.08	0.00	59	55	85	04	3	8	371	30.11	0.00	67	59	75	16	4	10	16	53	29.81	0.00	52	51	95	05	1	4	745	30.07	0.00	62	57	83	10	1	5	155	30.10	0.00	66	59	76	19	3	9	19	16	29.86	0.00	51	50	95	05	0	3	11	30.08	0.00	59	56	88	32	0	0	44	30.07	0.00	67	57	71	21	2	8	22	0	29.91	0.00	50	49	96	05	0	0	0	30.09	0.00	56	54	94	32	0	1	0	30.07	0.00	60	56	88	19	0	1

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.28	0.48	0.62	0.75	0.91	1.04	1.11	1.11	1.12	1.14	1.14	1.15
Ended: Date	26	26	26	26	26	26	26	26	26	26	26	26
Ended: Time	1747	1747	1749	1755	1803	1818	1827	1827	1827	1827	1827	1928

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

May 2011: Westford

Hour	MAY 19									MAY 20									MAY 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	0	30.03	0.00	61	56	85	17	0	1	0	29.96	0.00	58	55	89	20	0	2	0	29.88	0.00	56	55	97	03	1	2
04	0	30.00	0.00	60	56	89	14	0	2	0	29.95	0.00	55	54	95	20	0	0	0	29.88	0.00	56	55	97	09	0	1
07	19	30.01	0.05	60	58	92	17	0	2	84	29.95	0.00	59	58	97	20	0	1	49	29.92	0.00	58	57	97	09	0	0
10	281	30.02	0.00	61	59	92	20	0	1	387	29.93	0.00	66	62	86	02	0	3	230	29.93	0.00	61	60	97	32	0	5
13	167	30.00	0.00	71	61	71	14	0	7	267	29.91	0.00	68	62	82	30	2	11	540	29.96	0.00	66	63	88	31	1	8
16	671	29.97	0.00	74	61	65	09	0	6	79	29.87	0.00	63	62	95	20	0	2	383	29.95	0.00	73	64	74	33	0	9
19	95	29.95	0.00	69	61	77	20	0	1	0	29.91	0.15	60	58	95	09	1	7	144	29.95	0.00	71	64	78	04	0	1
22	0	29.97	0.00	61	57	86	20	0	1	0	29.91	0.00	58	57	96	10	0	3	0	29.97	0.00	59	57	95	04	0	0
MAY 22									MAY 23									MAY 24									
01	0	29.98	0.00	55	54	96	04	0	0	0	29.92	0.00	58	55	90	21	3	9	0	29.61	0.00	61	59	92	20	9	19
04	0	30.01	0.00	57	56	97	20	0	4	0	29.90	0.00	58	54	88	21	9	19	0	29.56	0.00	62	60	92	21	6	16
07	114	30.04	0.00	57	56	97	21	0	5	104	29.88	0.00	57	54	88	20	12	22	83	29.57	0.00	63	60	91	21	5	15
10	469	30.03	0.00	65	59	82	18	2	14	410	29.85	0.00	60	55	85	19	8	28	490	29.59	0.00	68	63	84	22	6	18
13	612	30.00	0.00	70	60	70	22	5	12	898	29.81	0.00	65	59	80	21	11	25	309	29.61	0.00	71	60	70	25	6	11
16	540	29.97	0.00	72	61	69	20	3	9	281	29.75	0.00	66	58	76	21	13	23	271	29.63	0.00	72	60	66	24	6	11
19	67	29.95	0.00	66	60	81	22	4	11	70	29.69	0.00	64	58	81	21	10	23	35	29.67	0.00	69	58	70	31	4	9
22	0	29.94	0.00	62	56	81	21	4	11	0	29.68	0.00	62	58	87	21	9	23	0	29.75	0.00	63	56	80	31	0	5
MAY 25									MAY 26									MAY 27									
01	0	29.83	0.00	55	49	79	03	1	5	0	29.84	0.00	51	49	93	29	1	5	0	29.83	0.15	53	52	96	06	1	7
04	0	29.85	0.00	47	44	89	02	0	2	0	29.77	0.00	59	53	81	19	3	10	0	29.86	0.00	53	51	96	25	0	0
07	105	29.93	0.00	50	46	88	02	0	2	118	29.75	0.00	66	58	76	21	9	20	39	29.90	0.00	54	53	97	25	0	2
10	385	29.94	0.00	56	48	75	04	1	3	336	29.78	0.00	69	61	77	20	5	24	142	29.95	0.00	54	53	97	29	1	5
13	867	29.96	0.00	61	50	66	31	0	7	387	29.74	0.00	77	66	69	22	8	20	408	29.97	0.00	57	56	97	35	0	3
16	227	29.91	0.00	64	53	67	29	1	4	374	29.69	0.00	80	68	67	22	5	12	53	29.94	0.00	58	55	93	03	4	9
19	69	29.89	0.00	66	55	67	33	0	3	9	29.71	0.00	63	61	93	19	2	9	9	29.97	0.12	55	54	96	01	0	0
22	0	29.86	0.00	56	51	86	00	0	2	0	29.80	0.00	63	61	96	24	0	2	0	29.99	0.00	52	51	97	31	1	4
MAY 28									MAY 29									MAY 30									
01	0	29.99	0.00	52	51	97	31	0	3	0	29.92	0.00	66	64	95	20	1	7	0	29.91	0.00	68	67	96	23	1	3
04	0	29.93	0.06	52	51	97	07	5	10	0	29.92	0.00	66	64	92	20	4	11	0	29.92	0.00	66	65	96	27	0	0
07	132	29.95	0.00	55	54	97	20	0	2	30	29.94	0.00	66	65	94	20	7	15	107	30.01	0.00	65	64	97	31	1	7
10	673	29.95	0.00	69	65	89	20	0	8	387	29.94	0.00	68	67	95	20	3	17	805	30.05	0.00	71	66	85	03	1	9
13	345	29.92	0.00	74	67	80	22	7	11	809	29.92	0.00	75	69	84	22	3	13	882	30.05	0.00	75	63	65	31	2	7
16	63	29.91	0.00	71	67	87	19	1	5	338	29.90	0.00	77	70	79	22	3	11	638	30.05	0.00	77	58	51	31	2	8
19	42	29.91	0.00	68	66	95	14	0	3	25	29.90	0.00	74	70	88	25	0	0	104	30.07	0.00	73	58	59	09	0	5
22	0	29.93	0.00	66	65	96	20	1	4	0	29.91	0.47	70	68	96	25	0	3	0	30.11	0.00	59	55	89	05	0	0
MAY 31																											
01	0	30.12	0.00	57	55	92	05	0	0																		
04	0	30.13	0.00	58	56	95	20	0	3																		
07	53	30.17	0.00	60	57	90	20	0	3																		
10	712	30.17	0.00	74	62	68	17	0	7																		
13	861	30.13	0.00	78	61	56	22	1	10																		
16	640	30.08	0.00	84	61	46	22	2	5																		
19	97	30.03	0.00	81	64	56	23	0	1																		
22	0	30.00	0.00	71	61	71	20	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

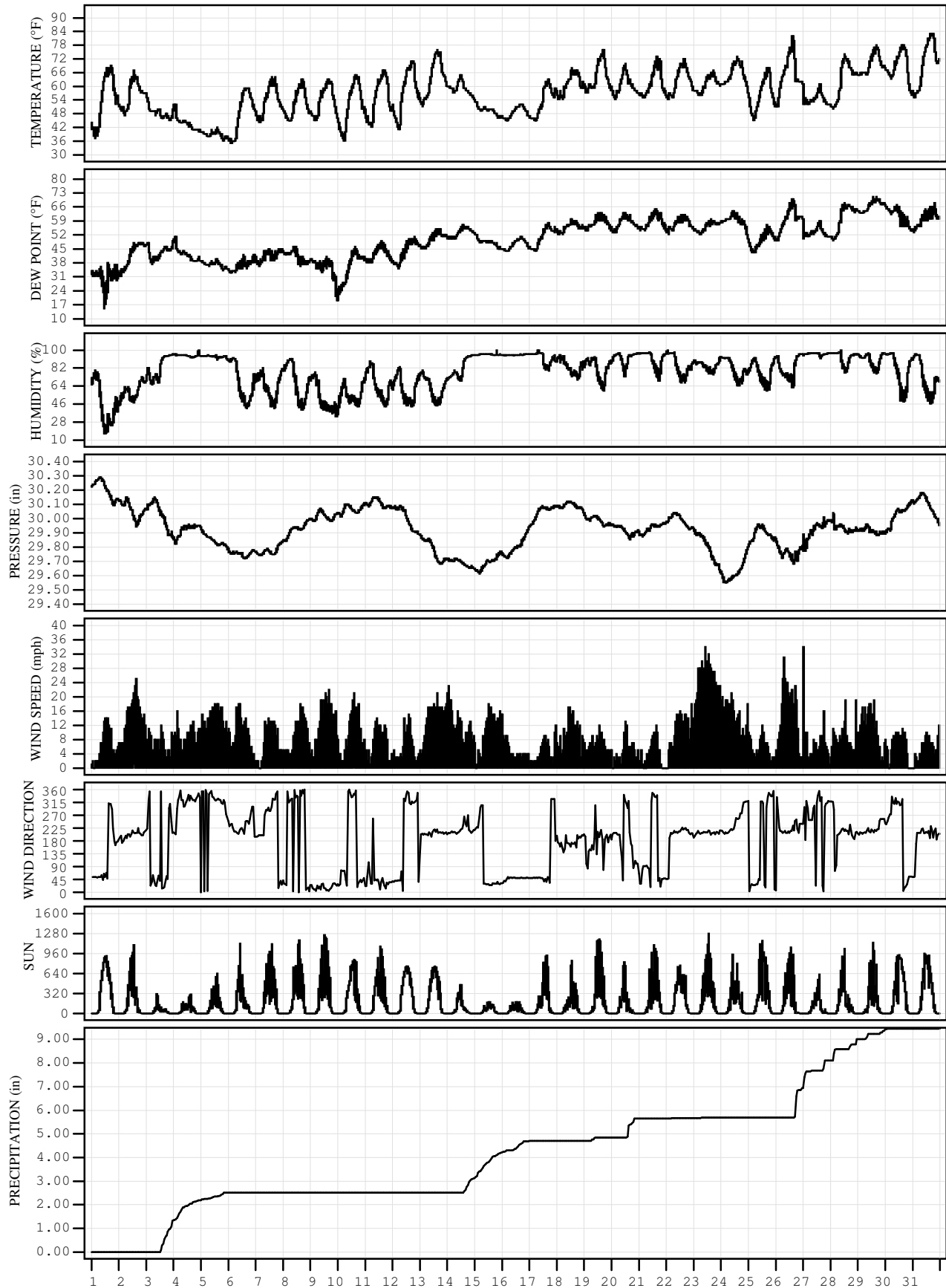
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01	0	29.926	53	48	84	1.3	22	0.8
04	0	29.919	51	47	86	1.6	21	0.9
07	57	29.947	52	48	86	1.9	21	1.6
10	395	29.952	59	50	76	3.1	23	0.9
13	546	29.930	63	52	70	3.8	27	1.7
16	349	29.906	65	52	68	3.6	27	1.5
19	48	29.906	62	52	72	1.8	23	0.9
22	0	29.924	56	50	82	1.4	23	0.8

HOURLY PRECIPITATION (Water Equivalent) May 2011: Westford

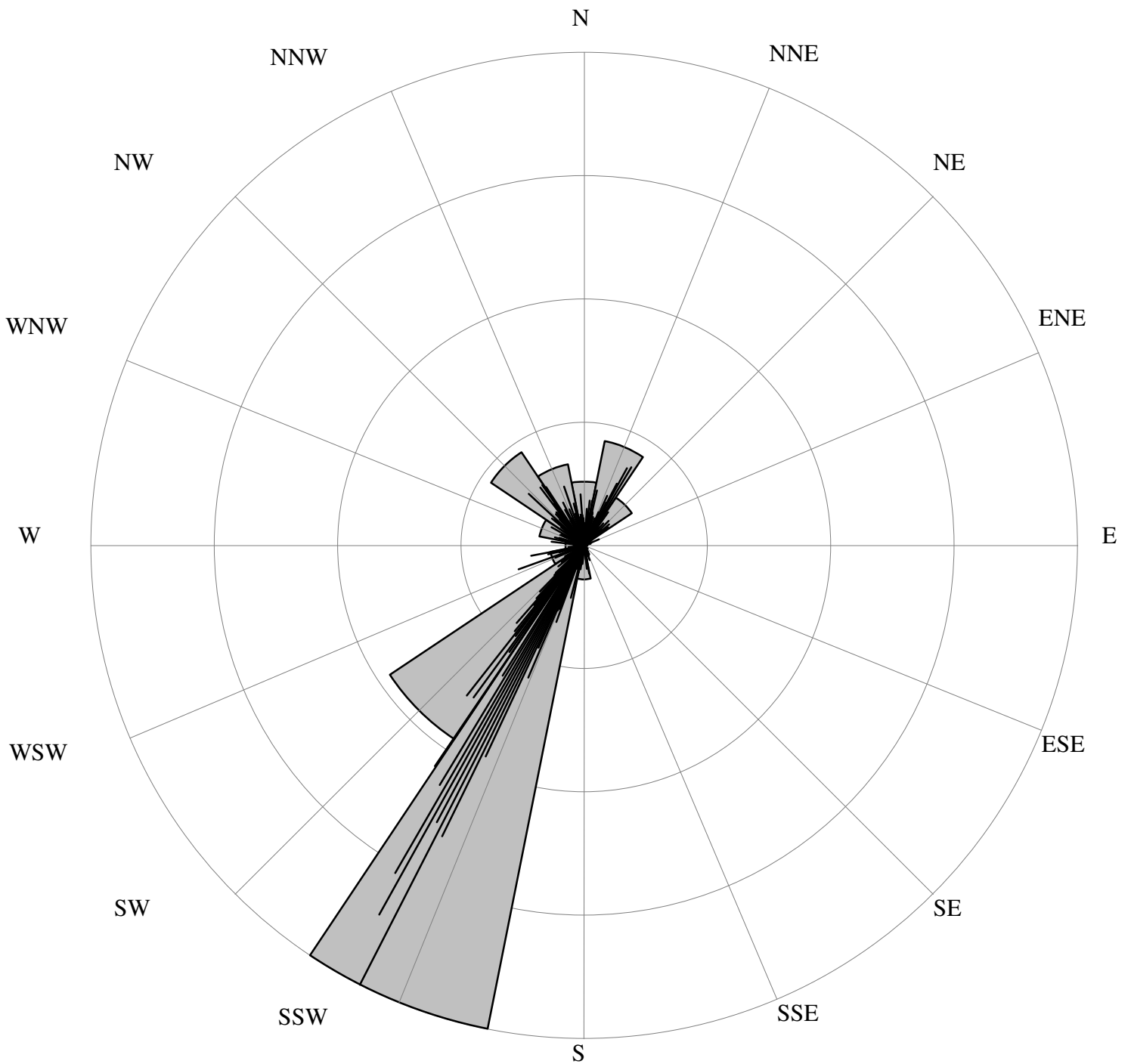
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03																									03
04	0.03	0.01	0.06	0.08	0.10	0.08	0.08	0.10	0.02	0.03	0.01	0.02	0.08	0.20	0.08	0.18	0.12	0.04	0.16	0.10	0.02	0.10	0.24	0.02	04
05	0.02	0.01	0.01	0.01		0.01	0.02		0.01	0.01	0.04	0.01	0.02	0.05	0.01	0.01	0.05	0.02	0.02	0.01	0.01	0.02	0.02		05
06																									06
07																									07
08																									08
09								0.01																	09
10																									10
11																									11
12																									12
13																									13
14																									14
15	0.04	0.04	0.14	0.05	0.01	0.06	0.08	0.08	0.06	0.03	0.04	0.03	0.04	0.07	0.07	0.05	0.12	0.09	0.12	0.06	0.05	0.03	0.01	0.03	15
16	0.01	0.01	0.02	0.03				0.01	0.01	0.01	0.03	0.01	0.05	0.05	0.07	0.03	0.02	0.05	0.05	0.01				0.01	16
17																									17
18																									18
19																									19
20								0.06	0.01	0.05	0.02			0.04	0.46	0.04	0.02	0.05	0.06	0.13					20
21																									21
22					0.01	0.01																			22
23	0.01																						0.02		23
24																									24
25																									25
26																									26
27	0.46	0.16	0.08					0.01	0.03							0.03	0.87	0.24	0.02				0.08		27
28			0.30	0.16	0.01											0.08	0.33	0.01						0.01	28
29																0.12	0.06	0.02					0.22		29
30		0.02						0.02	0.08	0.13									0.06		0.05	0.03	0.05		30
31																									31
Sum	0.57	0.25	0.61	0.33	0.14	0.15	0.29	0.31	0.28	0.10	0.12	0.07	0.19	0.41	0.77	0.37	0.53	1.28	1.07	0.48	0.12	0.22	0.65	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
May 2011: Westford



Wind Rose: May 2011
Westford



Maximum direction of wind: 96.4 miles from 207°
Maximum sector of wind: 638.0 miles from SSW
1679.9 total miles of wind