

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

October 2014

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	59.6	49.6	54.6	53.6	52	96	10	0	.2	0.00	0.0	30.13	29.98	30.056	0.2	0.2	300	8	WNW	4	293	57		
2	69.5	49.2	59.4	56.9	54	90	5	0	.2	0.01	0.0	30.14	30.01	30.061	0.1	0.1	323	9	WNW	5	313	115		
3	73.1	48.2	60.6	59.3	49	73	4	0	.....	0.00	0.0	30.09	29.70	29.683	0.9	0.9	193	15	SSE	9	221	155	
4	56.8	47.1	51.9	54.3	51	88	13	0	.....	0.78	0.0	29.71	29.45	29.556	1.6	1.2	203	19	WNW	10	296	34	
5	56.0	38.6	47.3	47.4	42	82	17	0	.....	0.00	0.0	29.85	29.44	29.684	0.5	0.5	264	12	W	6	274	118	
6	62.6	37.0	49.8	49.6	41	75	15	0	.....	0.02	0.0	29.95	29.84	29.848	1.5	1.5	206	21	SSW	11	212	121	
7	66.8	50.6	58.7	57.6	50	78	6	0	.....	0.07	0.0	29.94	29.80	29.870	2.1	2.0	204	26	SW	11	217	91	
8	62.9	48.2	55.6	55.6	48	77	9	0	.....	0.22	0.0	29.80	29.50	29.636	3.4	3.2	238	36	W	13	222	59	
9	51.7	40.5	46.1	46.3	38	72	18	0	.....	T	0.0	29.92	29.75	29.818	2.2	2.1	249	25	W	10	270	67	
10	55.2	37.8	46.5	45.5	39	78	18	0	.....	0.00	0.0	30.09	29.92	30.006	1.3	1.2	247	16	W	8	276	113	
11	53.5	36.1	44.8	43.4	39	85	20	0	.....	0.00	0.0	30.13	30.04	30.077	0.3	0.2	268	9	W	4	260	78	
12	57.8	36.0	46.9	43.9	36	78	18	0	.....	0.00	0.0	30.27	30.12	30.208	0.4	0.4	306	14	WNW	8	282	141	
13	59.8	33.5	46.6	48.8	43	80	18	0	.....	T	0.0	30.24	30.11	30.182	3.2	3.2	210	24	S	13	212	93	
14	75.6	56.2	65.9	65.7	58	78	0	1	.....	0.00	0.0	30.12	29.93	30.027	4.9	4.8	210	29	S	14	207	115	
15	79.1*	66.2	72.6*	70.4	62	76	0	8	.....	T	0.0	29.95	29.82	29.895	3.8	3.7	207	26	SSW	13	209	95	
16	72.2	58.9	65.5	66.8	64	90	0	1	.....	0.74	0.0	29.82	29.54	29.672	0.5	0.5	192	16	WSW	9	219	36	
17	67.1	55.3	61.2	59.1	53	81	4	0	.....	T	0.0	29.56	29.47	29.507	2.4	2.3	219	23	SSW	10	223	63	
18	59.4	41.5	50.5	53.7	50	88	14	0	.....	0.71	0.0	29.65	29.44	29.489	3.2	2.5	235	22	WNW	12	297	31	
19	42.3	36.7	39.5	39.0	33	81	25	0	.....	0.07	0.0	29.95	29.64	29.833	1.4	1.4	312	21	WNW	8	327	35	
20	46.9	31.5	39.2*	39.6	33	76	25	0	.....	0.00	0.0	29.97	29.89	29.931	0.7	0.6	220	12	WSW	5	211	75	
21	47.3	39.5	43.4	44.1	43	95	21	0	.....	0.27	0.0	30.07	29.89	29.956	0.1	0.1	54	8	NNE	3	26	28	
22	52.1	43.0	47.5	46.7	44	91	17	0	.....	0.02	0.0	30.17	30.03	30.103	0.7	0.7	17	17	NNE	9	20	43	
23	46.4	40.7	43.6	42.4	40	93	21	0	.....	0.37	0.0	30.03	29.82	29.916	0.3	0.3	16	19	N	7	19	17	
24	45.3	36.8	41.0	40.9	40	96	24	0	.....	0.17	0.0	29.83	29.78	29.807	0.1	0.1	355	10	NW	3	330	23	
25	57.5	36.3	46.9	46.4	43	88	18	0	.....	0.24	0.0	29.78	29.40	29.616	1.9	1.9	207	13	SSW	7	206	87	
26	49.5	42.6	46.0	44.5	42	90	18	0	.....	0.28	0.0	29.67	29.37	29.496	0.7	0.6	276	18	WNW	10	321	38	
27	51.7	37.2	44.5	43.0	39	85	20	0	.....	0.02	0.0	29.99	29.67	29.871	0.8	0.8	306	22	WNW	12	296	70	
28	58.6	40.0	49.3	49.6	45	85	15	0	.....	0.04	0.0	29.99	29.76	29.874	0.9	0.9	192	13	SSW	7	189	38	
29	56.9	41.0	49.0	51.8	46	82	16	0	.....	0.18	0.0	29.81	29.73	29.767	1.5	1.4	264	23	W	11	277	32	
30	47.7	38.8	43.3	43.6	37	78	21	0	.....	T	0.0	29.98	29.80	29.901	0.9	0.7	305	13	WNW	8	297	61	
31	49.3	31.1*	40.2	39.1	32	77	25	0	.....	0.00	0.0	30.03	29.97	30.000	0.2	0.2	15	10	WNW	4	32	80	
Sum	Sum	-----	-----	---	----		Ttl	Ttl	For the month:													---		
	1790	1326					455	10	Number of Days	4.21	0.0	30.27	29.37	29.850	1.4	1.0	228	36	W	14	207			
Avg	Avg	Avg	Mean	Avg	Avg	Avg	----	----	Precip	Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg				
	57.7	42.8	50.3	49.9	45	83.3	----	----	≥.01 inch	17	37.27	0.0	12	26	-----	----	----	8	14	71				
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			740	301	Thunder	0	Precipitation		Snow, Ice Plts												
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	----	----	Heavy Fog	2	0.78	4	0.0	-	0			-							
0	0	2	0	----	----	----	----	Clear	2	Partly Cloudy		10	Cloudy		19									

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 October 2014: Westford

Hour	OCT 01									OCT 02									OCT 03								
	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	29.99	0.00	51	51	98	08	0	0	0	30.07	0.00	53	52	98	35	0	0	0	30.53	0.00	52	51	98	29	0	0
04	0	30.04	0.00	51	50	98	32	0	0	0	30.07	0.00	52	52	98	35	0	0	0	30.00	0.00	49	49	98	29	0	0
07	0	30.07	0.00	54	53	98	33	0	0	5	30.10	0.00	52	51	98	07	0	0	7	30.01	0.00	49	49	98	29	0	0
10	100	30.07	0.00	54	53	98	33	0	0	155	30.14	0.00	55	55	99	33	0	0	397	29.98	0.00	62	55	78	17	1	9
13	56	30.07	0.00	54	53	95	28	0	4	128	30.08	0.00	66	58	74	18	0	0	566	31.32	0.00	70	54	58	16	2	10
16	81	30.06	0.00	56	53	92	29	0	5	308	31.44	0.00	68	58	71	29	0	5	343	29.80	0.00	72	41	32	19	5	12
19	0	30.07	0.00	56	54	94	35	0	2	0	30.05	0.00	57	54	91	30	0	0	0	29.77	0.00	62	46	56	19	1	8
22	0	30.09	0.00	52	50	96	35	0	0	0	30.05	0.00	53	52	97	30	0	0	0	29.73	0.00	59	47	64	20	1	15
OCT 04									OCT 05									OCT 06									
01	0	29.68	0.00	56	46	70	15	3	14	0	29.56	0.00	47	45	95	27	0	0	0	29.85	0.00	39	37	93	20	0	2
04	0	29.63	0.00	54	49	81	20	1	9	0	31.77	0.00	44	43	96	20	0	0	0	29.88	0.00	39	37	92	20	0	0
07	5	29.59	0.00	55	50	82	16	2	11	5	29.60	0.00	45	41	89	27	0	5	5	29.91	0.00	39	36	90	22	0	0
10	84	29.56	0.00	56	51	83	17	2	11	410	29.66	0.00	51	43	74	21	1	7	385	29.95	0.00	50	39	66	20	3	15
13	204	29.52	0.00	56	54	93	21	4	9	97	29.67	0.00	55	41	60	23	1	7	591	29.91	0.00	60	42	51	20	6	16
16	46	29.46	0.00	56	55	96	22	0	4	139	29.69	0.00	55	40	57	25	0	2	72	29.88	0.00	53	48	83	18	0	1
19	0	29.46	0.00	54	53	97	21	0	0	0	29.74	0.00	45	42	89	24	0	0	0	29.92	0.00	52	45	76	16	0	4
22	0	29.52	0.08	48	47	96	30	1	11	0	29.81	0.00	43	39	87	22	0	0	0	29.94	0.00	56	47	72	19	2	8
OCT 07									OCT 08									OCT 09									
01	0	29.94	0.00	54	47	75	19	1	6	0	29.77	0.00	59	49	69	20	1	5	0	29.75	0.00	48	37	67	25	3	15
04	0	29.88	0.00	54	47	77	16	1	9	0	29.62	0.05	56	54	93	14	1	4	0	29.76	0.00	46	36	69	26	3	11
07	0	29.87	0.00	56	49	80	18	1	10	0	29.51	0.00	58	54	89	20	4	21	0	29.81	0.00	41	35	79	26	0	4
10	51	29.88	0.00	56	55	94	21	4	15	91	29.56	0.00	57	54	90	21	4	15	387	29.84	0.00	49	36	60	24	5	15
13	531	29.88	0.00	64	55	72	20	6	16	186	29.60	0.00	58	50	76	25	3	14	113	29.81	0.00	49	37	62	22	2	11
16	255	29.85	0.00	66	52	61	22	4	13	35	29.63	0.00	56	45	66	26	11	32	120	29.80	0.00	50	39	66	25	2	14
19	0	29.85	0.00	58	50	74	20	1	3	0	29.67	0.00	54	44	69	28	5	17	0	29.85	0.00	43	41	93	21	0	0
22	0	29.84	0.00	51	47	87	20	0	0	0	29.73	0.00	51	38	61	25	7	24	0	29.89	0.00	43	39	87	21	2	6
OCT 10									OCT 11									OCT 12									
01	0	29.93	0.00	42	38	86	25	3	9	0	30.08	0.00	40	38	95	32	0	0	0	30.13	0.00	37	36	96	21	0	0
04	0	29.95	0.00	40	37	86	23	1	8	0	30.06	0.00	37	36	96	32	0	0	0	30.15	0.00	37	37	97	21	0	0
07	0	29.98	0.00	40	36	85	22	1	6	0	30.07	0.00	39	38	97	32	0	0	0	30.21	0.00	40	39	97	21	0	0
10	294	30.02	0.00	47	40	75	21	5	9	77	30.09	0.00	44	41	88	29	0	0	388	30.26	0.00	47	42	83	31	0	5
13	274	30.01	0.00	53	41	65	27	7	13	336	30.07	0.00	52	41	64	22	2	9	538	30.26	0.00	54	36	50	34	1	8
16	169	30.01	0.00	53	42	66	27	0	3	128	30.05	0.00	50	40	69	32	0	3	288	30.21	0.00	56	34	44	05	0	2
19	0	30.05	0.00	48	41	76	30	0	0	0	30.08	0.00	44	40	86	30	0	0	0	30.21	0.00	40	35	82	01	0	0
22	0	30.08	0.00	42	38	87	32	0	0	0	30.09	0.00	41	39	93	30	0	0	0	30.22	0.00	38	34	87	21	0	0
OCT 13									OCT 14									OCT 15									
01	0	30.22	0.00	36	33	90	20	0	0	0	30.11	0.00	57	52	85	20	4	15	0	29.93	0.00	67	60	79	21	6	22
04	0	30.22	0.00	34	32	92	21	0	0	0	30.09	0.00	57	54	89	21	3	13	0	29.93	0.00	67	61	82	20	7	17
07	0	30.23	0.00	37	35	92	24	0	3	0	30.08	0.00	60	57	91	21	5	12	0	29.94	0.00	67	62	84	20	6	20
10	378	30.22	0.00	52	41	67	21	6	15	357	30.07	0.00	65	60	85	21	7	23	199	29.95	0.00	71	64	77	19	4	16
13	369	30.18	0.00	58	47	66	21	5	19	489	30.01	0.00	72	62	71	20	5	21	313	29.89	0.00	75	64	67	21	3	10
16	46	30.15	0.00	56	48	75	20	6	16	244	29.97	0.00	75	62	66	20	2	18	105	29.86	0.00	77	63	64	20	2	10
19	0	30.15	0.00	56	50	80	24	1	15	0	29.97	0.00	69	60	72	21	4	18	0	29.85	0.00	69	63	80	15	1	8
22	0	30.11	0.00	56	50	81	21	6	19	0	29.96	0.00	69	59	71	20	4	17	0	29.85	0.00	70	63	80	07	0	6
OCT 16									OCT 17									OCT 18									
01	0	29.81	0.00	70	63	80	21	0	6	0	29.53	0.00	59	55	87	20	3	11	0	29.49	0.00	58	51	78	21	4	14
04	0	29.77	0.00	68	64	87	16	0	5	0	29.51	0.00	58	55	89	20	5	12	0	29.46	0.00	58	51	77	19	3	12
07	0	29.74	0.00	66	64	95	15	0	1	0	29.51	0.00	57	55	93	21	2	9	0	29.44	0.00	57	51	81	21	2	11
10	49	29.73	0.00	67	65	94	10	0	7	148	29.51	0.00	59	55	88	21	3	14	35	29.46	0.00	57	52	85	20	4	11
13	142	29.67	0.06	67	66	96	15	0	1	272	29.49	0.00	62	51	69	23	1	11	53	29.44	0.39	55	53	96	22	7	13
16	47	29.57	0.00	69	65	88	18	0	3	42	29.48	0.00	65	50	58	19	5	19	95	29.45	0.00	55	54	96	19	0	4
19	0	29.55	0.00	67	63	86	14	0	5	0	29.51	0.00	59	51	74	23	1	9	0	29.52	0.00	50	48	93	30	5	11
22	0	29.57	0.00	63	62	96	22	6	15	0	29.52	0.00	59	52	78	21	1	9	0	29.61	0.00	44	43	96	32	1	6

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.10	0.12	0.14	0.15	0.17	0.20	0.22	0.24	0.29	0.35	0.42	0.44
Ended: Date	18	18	18	18	16	16	16	04	18	16	16	16
Ended: Time	1426	1426	1432	1432	1250	1250	1250	2107	1426	1250	1250	1250

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 2014: 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								
OCT 19										OCT 20										OCT 21									
01	0	29.68	0.00	41	40	97	30	0	12	0	29.95	0.00	36	28	72	27	1	7	0	29.90	0.00	40	37	89	19	0	0		
04	0	29.72	0.00	39	37	93	32	2	8	0	29.95	0.00	35	28	76	25	0	3	0	29.90	0.00	42	40	93	19	0	0		
07	0	29.78	0.00	38	36	90	32	0	10	0	29.96	0.00	32	28	84	22	0	0	0	29.91	0.00	41	40	96	08	0	0		
10	47	29.85	0.00	39	35	86	30	2	8	360	29.96	0.00	40	31	69	21	4	8	104	29.94	0.00	44	43	96	05	0	0		
13	125	29.85	0.00	42	35	77	32	2	9	336	29.92	0.00	44	33	65	22	3	8	58	29.95	0.00	47	46	96	12	0	3		
16	47	29.87	0.00	40	30	66	31	2	11	39	29.91	0.00	45	36	72	20	1	6	28	29.96	0.00	47	46	96	05	0	0		
19	0	29.92	0.00	38	29	70	28	0	5	0	29.90	0.00	43	38	80	20	0	0	0	30.00	0.00	46	45	97	01	1	3		
22	0	29.94	0.00	37	29	72	29	1	9	0	29.91	0.00	38	36	92	20	0	0	0	30.05	0.00	45	45	97	03	0	0		
OCT 22										OCT 23										OCT 24									
01	0	30.06	0.00	45	44	98	03	0	0	0	30.02	0.00	45	40	82	01	0	11	0	29.80	0.00	41	40	98	32	0	4		
04	0	30.07	0.00	45	44	98	09	0	3	0	29.97	0.00	43	39	87	35	0	1	0	29.80	0.00	39	39	98	33	0	1		
07	0	30.11	0.00	44	44	98	03	2	8	0	29.96	0.00	42	39	89	03	0	6	0	29.81	0.00	39	38	98	03	0	1		
10	107	30.16	0.00	46	46	98	35	1	8	42	29.93	0.00	42	40	92	31	0	1	40	29.83	0.00	39	39	98	00	0	3		
13	176	30.15	0.00	50	47	91	00	2	10	53	29.90	0.00	43	41	96	34	0	12	93	29.80	0.00	42	41	98	35	0	5		
16	77	30.12	0.00	50	46	85	02	5	15	23	29.88	0.00	43	42	97	01	0	11	79	29.79	0.00	45	43	92	03	0	2		
19	0	30.10	0.00	49	43	78	35	0	11	0	29.88	0.07	41	41	97	00	0	6	0	29.82	0.00	45	41	89	02	0	0		
22	0	30.08	0.00	46	42	89	36	0	0	0	29.84	0.00	41	40	98	35	0	5	0	29.80	0.00	40	39	94	02	0	0		
OCT 25										OCT 26										OCT 27									
01	0	29.77	0.00	37	36	97	21	0	0	0	29.39	0.00	49	46	90	24	2	11	0	29.68	0.00	43	39	86	30	1	10		
04	0	29.74	0.00	42	39	89	19	2	7	0	29.38	0.00	44	43	94	24	0	1	0	29.74	0.00	41	38	88	29	1	13		
07	0	29.73	0.00	39	38	94	21	0	2	0	29.40	0.00	45	43	92	29	0	0	0	29.82	0.00	40	37	88	30	3	15		
10	308	29.71	0.00	47	43	88	20	4	9	72	29.45	0.06	44	43	96	28	0	2	197	29.90	0.00	43	39	86	31	0	2		
13	257	29.61	0.00	52	45	77	20	3	8	190	29.47	0.05	44	43	96	29	0	5	550	29.91	0.00	48	41	76	30	1	12		
16	116	29.53	0.00	54	45	73	20	1	11	91	29.53	0.00	43	41	94	27	0	2	62	29.92	0.00	49	41	73	34	0	1		
19	0	29.46	0.00	49	47	95	20	2	7	0	29.62	0.00	43	39	83	28	1	4	0	29.99	0.00	42	40	91	33	0	0		
22	0	29.43	0.00	49	48	96	22	0	7	0	29.66	0.00	44	39	85	29	1	5	0	29.98	0.00	39	38	96	35	0	0		
OCT 28										OCT 29										OCT 30									
01	0	29.98	0.00	42	40	95	09	0	0	0	29.76	0.00	55	52	88	19	2	5	0	29.80	0.00	46	40	79	22	0	6		
04	0	29.98	0.00	42	40	94	09	0	0	0	29.75	0.00	55	53	95	19	0	4	0	29.81	0.00	45	40	82	26	0	4		
07	0	29.92	0.00	43	41	95	15	0	0	0	29.74	0.00	53	52	96	21	0	0	0	29.86	0.00	43	40	89	33	0	8		
10	46	29.92	0.00	47	44	89	06	0	0	65	29.75	0.00	55	54	97	20	0	0	134	29.92	0.00	45	39	79	32	4	10		
13	135	29.87	0.00	52	48	87	20	1	3	213	29.77	0.00	55	45	70	26	3	23	188	29.92	0.00	45	36	70	29	0	9		
16	113	29.79	0.00	59	49	70	19	1	3	21	29.76	0.00	52	41	68	28	2	11	67	29.92	0.00	45	36	69	32	0	7		
19	0	29.81	0.00	54	48	82	16	1	6	0	29.79	0.00	48	37	67	26	1	7	0	29.97	0.00	41	34	75	32	2	8		
22	0	29.77	0.00	55	49	79	15	0	0	0	29.81	0.00	43	38	83	23	0	2	0	29.98	0.00	40	35	82	33	0	0		
OCT 31																													
01	0	29.97	0.00	38	33	81	34	0	0																				
04	0	29.98	0.00	36	32	87	34	0	0																				
07	0	30.00	0.00	31	30	94	34	0	0																				
10	174	30.02	0.00	40	35	82	11	0	0																				
13	461	29.99	0.00	46	34	62	33	0	2																				
16	102	29.98	0.00	45	33	63	35	0	10																				
19	0	30.01	0.00	39	30	69	04	1	7																				
22	0	30.02	0.00	37	29	72	02	1	5																				

WEATHER NOTES

NOTES:
 Units are: Temperature= $^{\circ}$ 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

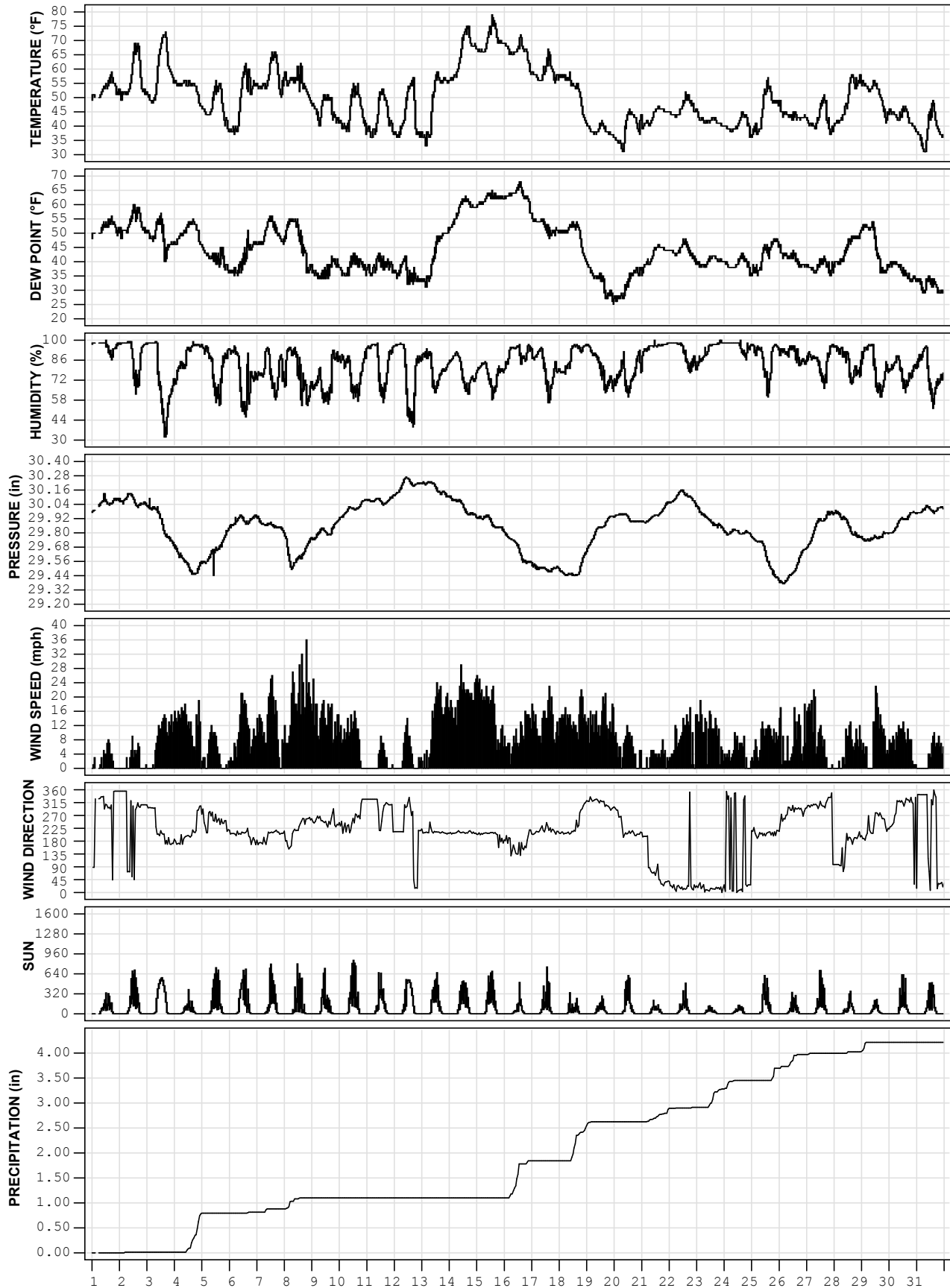
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01	0	29.875	48	44	87	1.1	22	0.9
04	0	29.918	47	43	89	1.0	21	0.8
07	1	29.860	46	44	91	1.0	22	0.7
10	183	29.880	51	46	85	2.1	22	1.6
13	261	29.902	54	46	76	2.3	23	1.8
16	111	29.881	55	46	73	1.7	23	1.1
19	0	29.856	50	45	82	0.9	26	0.5
22	0	29.868	48	44	86	1.1	23	0.9

HOURLY PRECIPITATION (Water Equivalent) October 2014: Westford

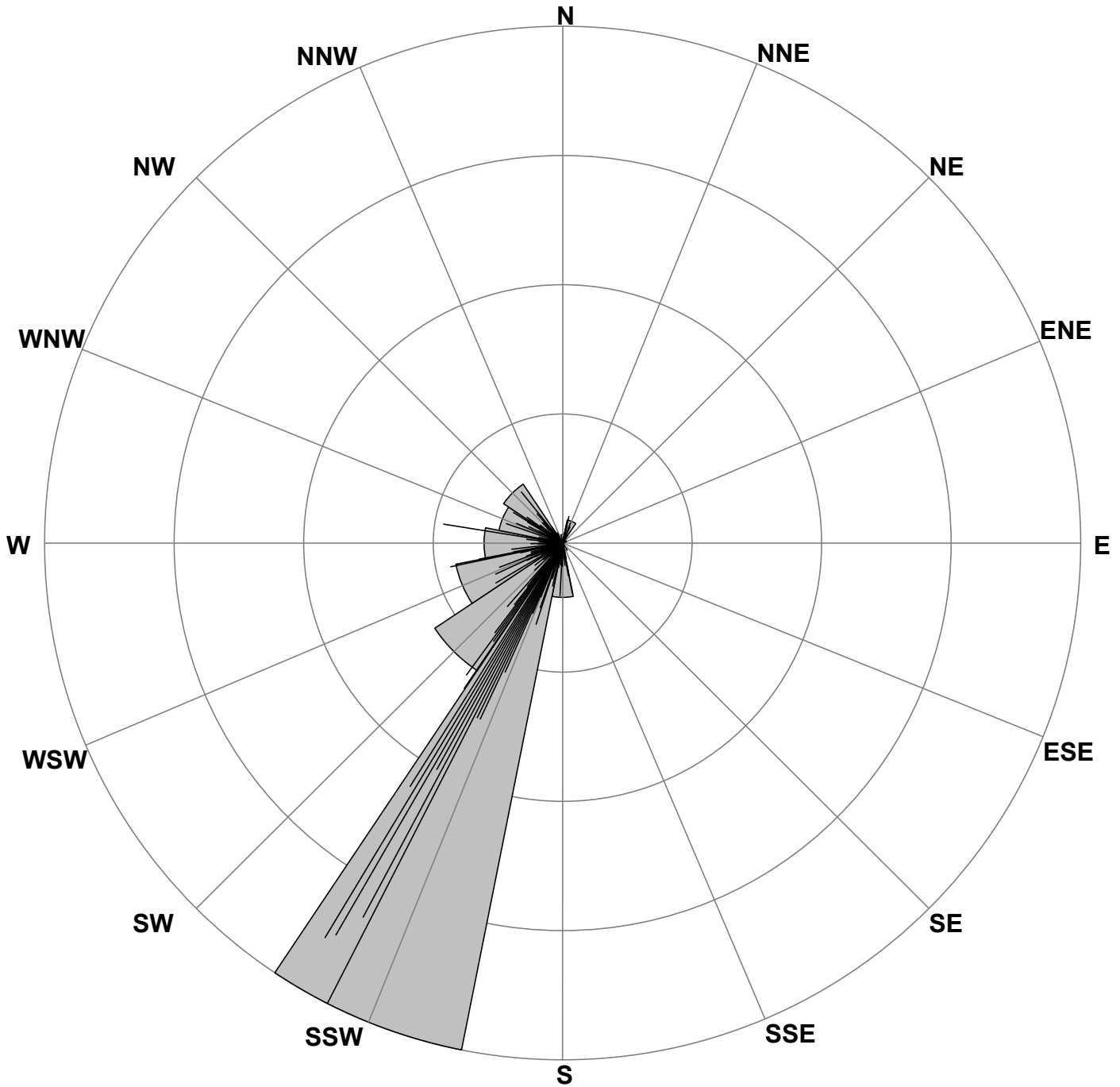
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02					0.01																			02	
03																								03	
04											0.04	0.03	0.01		0.11	0.06	0.04	0.05	0.01	0.12	0.14	0.12	0.04	0.01	04
05																								05	
06																								06	
07																								07	
08																								08	
09																								09	
10																								10	
11																								11	
12																								12	
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25																								25	
26																								26	
27																								27	
28																								28	
29																								29	
30																								30	
31																								31	
Sum	0.07	0.12	0.20	0.09	0.18	0.06	0.03	0.13	0.17	0.10	0.33	0.27	0.49	0.17	0.43	0.13	0.07	0.13	0.09	0.35	0.18	0.16	0.16	0.10	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 2014: Westford



**Wind Rose: October 2014
Westford**



**Maximum direction of wind: 72.1 miles from 207°
Maximum sector of wind: 480.1 miles from SSW
1019.8 total miles of wind**