

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

December 2015

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			2 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	38.2	15.7	27.0	28.5	27	93	38	0	.....	0	0.51	0.0	30.35	29.91	30.168	1.7	1.7	190	20	SSW	10	186	32
2	44.1	37.5	40.8	41.4	41	97	24	0	.2.....	0	0.72	0.0	29.92	29.58	29.741	3.8	3.6	204	21	SSW	12	211	10	
3	37.5	32.6	35.0	34.5	33	96	29	0	.....	0	0.27	T	30.11	29.60	29.777	3.1	3.0	312	20	NNW	10	294	8
4	39.7	31.7	35.7	35.7	32	86	29	0	.....	0	T	T	30.49	30.11	30.293	0.9	0.9	250	19	WNW	8	284	17
5	46.8	29.7	38.3	38.5	34	84	26	0	.....	0	0.00	0.0	30.63	30.48	30.569	1.0	0.8	260	11	W	7	275	50
6	38.4	28.0	33.2	32.7	31	93	32	0	.2.....	0	0.01	0.0	30.52	30.15	30.337	3.1	3.1	208	16	S	10	204	44	
7	38.6	28.5	33.5	33.5	31	90	31	0	.2.....	0	0.00	0.0	30.16	30.08	30.124	0.5	0.5	208	12	S	8	187	30	
8	37.4	24.9	31.2	30.2	28	91	34	0	.....	0	0.00	0.0	30.15	30.05	30.104	0.0	0.0	181	6	SE	3	139	27
9	44.7	26.3	35.5	36.9	32	82	29	0	.....	0	0.00	0.0	30.08	29.86	29.989	3.3	3.2	200	27	SW	15	212	52
10	53.5	42.5	48.0	46.5	41	82	16	0	.....	0	0.01	0.0	29.89	29.81	29.844	3.6	3.6	206	24	S	11	195	40
11	53.7	45.7	49.7	49.4	42	75	15	0	.....	0	0.00	0.0	29.85	29.67	29.744	5.7	5.4	213	29	SW	14	204	42
12	48.5	37.4	43.0	43.5	37	77	22	0	.....	0	0.00	0.0	30.15	29.85	30.035	2.0	2.0	261	18	W	10	274	30
13	41.5	29.4	35.4	35.6	31	85	29	0	.....	0	0.01	0.0	30.25	29.97	30.160	0.1	0.1	207	12	S	5	191	42
14	53.4	40.1	46.8	50.3	46	84	18	0	.....	0	0.04	0.0	29.97	29.27	29.678	5.5	5.4	198	28	S	15	208	21
15	51.6	32.9	42.3	44.2	42	91	22	0	.....	0	0.24	0.0	29.89	29.23	29.452	3.3	2.9	265	28	W	18	294	11
16	38.8	30.8	34.8	32.4	30	92	30	0	.....	0	0.01	0.0	30.15	29.88	30.053	0.0	0.0	176	11	SE	1	182	23
17	46.9	38.7	42.8	43.6	40	88	22	0	.....	0	0.50	0.0	29.94	29.60	29.769	2.8	2.8	198	30	SSW	13	197	13
18	44.7	31.5	38.1	35.8	32	85	26	0	.....	0	0.05	T	29.72	29.60	29.671	0.8	0.7	296	24	NNW	10	260	12
19	31.8	24.5	28.1	28.4	23	80	36	0	.....	1	0.01	0.7	30.07	29.65	29.813	3.6	3.4	274	25	SW	14	288	30
20	31.1	18.8	24.9	24.6	19	79	40	0	.....	T	0.00	0.2	30.41	30.07	30.306	1.6	0.9	261	23	S	13	204	40
21	42.3	31.1	36.7	36.9	27	67	28	0	.....	0	0.04	0.0	30.20	29.86	29.992	6.3	6.3	206	31	S	16	198	15
22	48.3	40.2	44.3	45.1	42	89	21	0	.....	0	0.60	0.0	29.97	29.74	29.874	3.0	3.0	205	16	S	9	222	8
23	57.9	38.7	48.3	48.2	45	89	16	0	.....	0	0.10	0.0	30.15	29.81	30.028	2.4	2.3	184	24	SSW	13	199	44
24	64.3	39.7	52.0*	53.4	42	70	13	0	.....	0	0.02	0.0	30.04	29.64	29.790	4.7	4.4	207	30	W	15	210	30
25	47.7	33.1	40.4	41.5	30	66	24	0	.....	0	0.00	0.0	30.33	30.02	30.134	0.4	0.3	235	12	WNW	5	236	19
26	40.3	29.0	34.6	33.7	29	82	30	0	.....	0	0.00	0.0	30.55	30.22	30.428	0.0	0.0	36	7	NNE	3	49	51
27	40.1	24.0	32.0	31.4	30	95	33	0	.2...6...	T	0.66	0.4	30.22	29.76	29.953	1.0	0.5	276	20	NW	8	212	8	
28	24.0	11.4*	17.7*	15.3	11	83	47	0	.....	1	0.03	0.5	30.65	30.13	30.503	1.1	1.0	24	23	N	10	28	22
29	29.4	14.8	22.1	23.7	21	91	43	0	...4.6...	5	0.95	4.1	30.53	29.95	30.162	1.1	1.0	186	21	SE	10	179	16	
30	34.4	22.2	28.3	29.4	28	96	37	0	...6...	4	0.08	0.0	30.25	29.99	30.142	1.3	1.3	205	11	SW	7	216	14	
31	35.4	31.7	33.6	33.5	31	92	31	0	.2.....	2	0.05	0.0	29.99	29.91	29.958	2.6	2.5	248	16	SW	11	209	18	
Sum	Sum	-----	-----	---	----		Ttl	Ttl					Total	Total	For the month:						---			
	1325	943					871	0			Number of Days		4.91	5.9	30.65	29.23	30.019	2.3	1.8	221	31	S	18	294
Avg	Avg	Avg	Mean	Avg	Avg	Avg	----	----					Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg		
	42.7	30.4	36.6	36.7	32	85.5	----	----			Precip		42.98	6.9	28	15	-----	----	----	---	21	15	26	
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	1	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			2410	401	Thunder	0	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	5	0.91	1- 2	4.1	29				5		29							
0	4	19	0	----	----	Clear	1	Partly Cloudy			7	Cloudy			23									

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

December 2015: 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	0	30.34	0.00	18	17	93	21	0	0	0	29.90	0.00	39	38	97	20	6	15	0	29.60	0.00	37	36	98	01	0	7		
04	0	30.31	0.00	16	14	93	21	0	0	0	29.83	0.00	40	39	96	19	4	10	0	29.62	0.00	34	33	98	32	0	7		
07	0	30.28	0.00	18	16	92	20	0	0	0	29.81	0.06	41	40	97	20	6	12	0	29.67	0.00	34	33	98	29	3	12		
10	216	30.24	0.00	28	26	93	09	0	0	25	29.81	0.00	43	42	97	20	7	21	23	29.71	0.00	33	32	97	30	2	9		
13	86	30.15	0.00	37	32	84	20	0	7	44	29.72	0.00	44	43	97	21	6	11	33	29.73	0.00	35	34	97	30	4	12		
16	0	30.08	0.09	34	33	95	21	5	11	0	29.68	0.00	44	43	98	21	0	6	0	29.82	0.00	35	34	94	31	3	16		
19	0	30.03	0.18	35	34	96	16	5	14	0	29.60	0.11	41	40	98	08	0	0	0	29.93	0.00	35	34	95	30	2	12		
22	0	29.95	0.00	37	36	96	17	5	12	0	29.59	0.00	39	38	98	02	2	12	0	30.05	0.00	34	32	93	32	3	16		
DEC 04										DEC 05										DEC 06									
01	0	30.12	0.00	33	30	89	32	0	0	0	30.50	0.00	40	35	82	27	5	11	0	30.51	0.00	32	31	94	21	0	0		
04	0	30.15	0.00	33	30	87	29	0	3	0	30.54	0.00	38	35	88	19	0	0	0	30.48	0.00	29	27	95	18	0	0		
07	0	30.25	0.00	33	30	88	21	0	1	0	30.59	0.00	39	35	85	25	0	0	0	30.44	0.00	30	29	96	20	0	6		
10	56	30.25	0.00	35	31	88	21	0	6	111	30.63	0.00	40	35	81	28	6	10	107	30.40	0.00	30	29	97	21	7	12		
13	53	30.28	0.00	36	32	85	21	0	6	278	30.58	0.00	46	36	70	26	0	5	123	30.32	0.00	35	34	95	21	1	9		
16	0	30.35	0.00	38	34	87	25	1	6	11	30.57	0.00	41	34	76	22	0	0	9	30.25	0.00	35	32	89	21	5	9		
19	0	30.42	0.00	39	34	82	26	1	6	0	30.58	0.00	34	32	94	22	0	0	0	30.20	0.00	35	32	91	20	6	11		
22	0	30.45	0.00	39	35	83	27	5	10	0	30.56	0.00	30	29	96	22	0	0	0	30.17	0.00	35	33	90	20	6	10		
DEC 07										DEC 08										DEC 09									
01	0	30.14	0.00	34	31	90	21	3	8	0	30.12	0.00	29	28	95	04	0	0	0	30.05	0.00	27	26	95	13	0	0		
04	0	30.08	0.00	35	30	85	18	3	8	0	30.13	0.00	27	26	96	04	0	0	0	30.06	0.00	29	28	96	19	3	7		
07	0	30.12	0.00	30	29	94	21	0	0	0	30.14	0.00	26	25	96	04	0	0	0	30.06	0.00	32	29	88	19	0	6		
10	135	30.14	0.00	32	31	96	04	0	0	98	30.14	0.00	31	29	95	04	0	0	149	30.06	0.00	36	32	84	18	1	7		
13	62	30.11	0.00	38	33	84	01	0	4	113	30.10	0.00	37	30	76	22	0	0	202	29.97	0.00	44	34	67	21	11	22		
16	0	30.11	0.00	35	32	88	34	1	4	0	30.08	0.00	35	30	83	13	0	0	14	29.93	0.00	42	34	74	18	5	12		
19	0	30.14	0.00	34	31	89	04	0	0	0	30.07	0.00	32	29	90	13	0	0	0	29.92	0.00	40	34	78	19	4	14		
22	0	30.14	0.00	32	30	92	04	0	0	0	30.06	0.00	29	27	93	13	0	0	0	29.89	0.00	41	35	82	19	0	7		
DEC 10										DEC 11										DEC 12									
01	0	29.84	0.00	45	40	81	21	7	18	0	29.79	0.00	46	41	81	19	0	10	0	29.87	0.00	47	37	69	26	4	11		
04	0	29.82	0.00	46	41	83	19	8	18	0	29.76	0.00	47	41	79	21	3	9	0	29.95	0.00	45	37	73	22	3	11		
07	0	29.83	0.00	45	43	91	21	5	15	0	29.74	0.00	47	42	80	19	6	19	0	30.00	0.00	44	38	77	23	3	8		
10	118	29.88	0.00	47	43	88	19	2	13	135	29.75	0.00	51	42	71	20	10	29	70	30.04	0.00	46	38	75	24	3	10		
13	125	29.84	0.00	53	43	69	24	4	8	160	29.70	0.00	52	44	75	19	8	16	128	30.05	0.00	47	38	70	29	6	13		
16	7	29.86	0.00	48	41	77	21	1	5	7	29.70	0.00	51	43	76	20	6	14	5	30.07	0.00	43	36	78	28	0	0		
19	0	29.86	0.00	44	40	84	19	0	10	0	29.71	0.00	51	44	77	20	7	13	0	30.11	0.00	40	36	86	28	0	0		
22	0	29.85	0.00	46	40	80	20	0	7	0	29.78	0.00	51	38	62	25	4	13	0	30.13	0.00	38	35	90	36	0	5		
DEC 13										DEC 14										DEC 15									
01	0	30.15	0.00	38	34	87	01	0	0	0	29.94	0.00	42	36	81	19	5	14	0	29.24	0.00	51	50	94	18	3	7		
04	0	30.18	0.00	32	30	94	02	0	0	0	29.87	0.00	49	44	81	19	10	18	0	29.28	0.04	50	47	91	25	8	14		
07	0	30.22	0.00	30	28	93	03	0	0	0	29.81	0.00	50	45	83	18	9	25	0	29.28	0.00	47	45	92	23	6	11		
10	132	30.25	0.00	34	31	88	03	0	0	93	29.77	0.00	52	47	84	19	7	21	69	29.32	0.00	47	44	87	26	5	19		
13	213	30.20	0.00	40	31	71	31	0	0	83	29.69	0.00	52	48	85	21	8	21	25	29.36	0.00	47	43	85	29	1	10		
16	0	30.17	0.00	37	30	78	30	0	0	0	29.60	0.00	52	47	84	20	0	6	0	29.50	0.00	45	43	93	30	4	12		
19	0	30.13	0.00	36	31	84	29	0	0	0	29.48	0.00	50	46	86	17	4	8	0	29.69	0.00	36	35	96	01	0	10		
22	0	30.03	0.00	36	33	87	20	0	0	0	29.36	0.00	53	49	86	18	4	13	0	29.82	0.00	34	33	96	31	0	0		
DEC 16										DEC 17										DEC 18									
01	0	29.90	0.00	33	32	97	05	0	0	0	29.93	0.00	40	34	80	17	1	9	0	29.61	0.00	44	43	97	20	0	0		
04	0	30.00	0.00	32	31	97	35	0	0	0	29.90	0.00	41	37	85	19	6	20	0	29.68	0.00	38	36	93	32	0	4		
07	0	30.09	0.00	31	30	96	01	0	0	0	29.86	0.00	43	38	84	19	3	19	0	29.72	0.00	36	32	83	29	0	2		
10	98	30.15	0.00	32	30	93	01	0	0	37	29.84	0.00	45	40	84	19	3	9	51	29.72	0.00	37	32	83	30	0	0		
13	70	30.13	0.00	32	29	86	13	0	0	23	29.75	0.00	46	41	85	17	1	11	47	29.66	0.00	36	32	86	32	0	0		
16	0	30.09	0.00	32	28	87	13	0	0	0	29.70	0.00	45	43	93	15	1	7	5	29.65	0.00	33	29	85	32	0	0		
19	0	30.07	0.00	32	30	92	13	0	0	0	29.64	0.00	45	44	95	21	1	6	0	29.67	0.00	32	28	83	33	0	2		
22	0	29.99	0.00	34	31	90	15	0	0	0	29.61	0.20	46	45	96	20	0	0	0	29.67	0.00	32	26	78	26	4	8		

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.04	0.07	0.09	0.11	0.16	0.22	0.27	0.30	0.35	0.38	0.41	0.44
Ended: Date	17	17	17	17	17	17	17	17	17	17	17	22
Ended: Time	2113	2118	2118	2118	2129	2124	2132	2132	2211	2211	2203	1344

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 2015: 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 19										DEC 20										DEC 21									
01	0	29.66	0.00	31	24	73	26	0	7	0	30.11	0.00	25	20	83	31	0	7	0	30.16	0.00	32	23	68	20	10	28		
04	0	29.68	0.00	31	24	78	24	5	10	0	30.23	0.00	21	18	90	31	0	9	0	30.10	0.00	34	21	60	19	11	26		
07	0	29.74	0.00	29	23	77	27	3	15	0	30.35	0.00	20	14	79	32	4	10	0	30.08	0.00	34	20	58	20	10	21		
10	93	29.79	0.00	28	25	89	26	3	8	165	30.41	0.00	23	16	74	01	0	8	86	30.02	0.00	36	23	60	21	8	20		
13	297	29.80	0.00	28	24	87	29	0	7	148	30.37	0.00	26	19	72	24	1	6	44	29.95	0.00	38	26	61	20	6	16		
16	14	29.83	0.00	29	19	66	24	4	22	5	30.37	0.00	27	21	75	27	0	0	0	29.87	0.00	41	28	60	19	5	16		
19	0	29.92	0.00	28	21	76	27	5	19	0	30.36	0.00	26	20	80	19	0	0	0	29.91	0.00	41	32	72	22	2	12		
22	0	30.02	0.00	26	23	88	33	3	20	0	30.26	0.00	28	23	80	19	5	13	0	29.90	0.00	41	35	82	21	0	0		
DEC 22										DEC 23										DEC 24									
01	0	29.91	0.00	41	36	80	18	1	7	0	30.00	0.00	45	44	97	21	0	6	0	29.77	0.00	50	46	88	19	6	19		
04	0	29.92	0.00	44	37	76	20	2	10	0	30.08	0.00	46	45	97	19	2	7	0	29.71	0.00	49	47	92	19	9	18		
07	0	29.90	0.00	46	39	77	20	3	9	0	30.10	0.00	42	41	97	19	0	0	0	29.66	0.00	52	49	91	18	7	15		
10	37	29.90	0.00	48	42	80	19	2	5	158	30.15	0.00	46	45	98	19	2	6	88	29.66	0.00	59	57	92	19	8	24		
13	26	29.77	0.05	45	44	96	11	0	0	276	30.08	0.00	55	48	76	17	3	10	155	29.65	0.00	64	59	84	21	9	20		
16	0	29.77	0.00	45	44	96	22	3	7	0	30.02	0.00	53	46	77	16	3	10	18	29.84	0.00	59	42	52	25	4	13		
19	0	29.86	0.00	46	45	97	21	6	11	0	29.97	0.00	52	46	79	09	0	9	0	29.97	0.00	51	24	34	24	4	9		
22	0	29.92	0.00	44	43	97	20	0	4	0	29.86	0.04	50	47	92	17	5	19	0	30.03	0.00	48	15	26	19	0	4		
DEC 25										DEC 26										DEC 27									
01	0	30.04	0.00	41	22	47	20	0	0	0	30.35	0.00	34	31	87	00	0	0	0	30.15	0.26	33	30	92	07	0	0		
04	0	30.08	0.00	38	25	58	20	0	0	0	30.41	0.00	32	30	90	31	0	0	0	30.01	0.04	34	33	96	19	0	0		
07	0	30.08	0.00	39	31	75	31	0	0	0	30.48	0.00	29	27	92	30	0	0	0	29.89	0.00	36	35	96	20	0	6		
10	123	30.12	0.00	45	31	56	22	2	7	192	30.55	0.00	35	30	81	06	0	0	30	29.81	0.18	40	39	97	21	4	9		
13	58	30.06	0.00	47	29	48	20	0	5	216	30.48	0.00	40	29	63	33	0	0	42	29.77	0.00	32	31	96	31	4	10		
16	0	30.12	0.00	46	34	62	26	0	3	11	30.45	0.00	36	28	74	05	0	0	0	29.88	0.00	27	26	96	00	1	8		
19	0	30.22	0.00	41	36	81	31	1	7	0	30.44	0.00	32	28	85	05	0	0	0	30.02	0.00	27	25	95	34	0	3		
22	0	30.29	0.00	36	32	88	01	0	0	0	30.33	0.00	33	27	78	02	0	0	0	30.08	0.00	26	25	95	32	0	0		
DEC 28										DEC 29										DEC 30									
01	0	30.17	0.00	23	22	94	00	0	0	0	30.52	0.00	15	11	84	07	0	0	0	30.14	0.00	24	23	95	24	0	0		
04	0	30.32	0.00	19	17	91	02	4	22	0	30.32	0.00	17	15	92	09	1	5	0	30.17	0.00	24	22	95	24	0	0		
07	0	30.47	0.00	14	9	81	01	2	12	0	30.25	0.00	20	16	85	19	2	10	0	30.21	0.00	23	22	95	23	0	0		
10	105	30.58	0.00	14	8	75	02	1	11	25	30.15	0.00	23	19	84	17	2	11	19	30.24	0.00	30	29	96	18	0	7		
13	90	30.58	0.00	15	8	72	02	0	0	81	30.00	0.00	27	24	90	18	9	18	74	30.16	0.00	33	32	95	19	5	11		
16	7	30.64	0.00	13	7	78	01	0	2	5	29.96	0.00	29	27	92	17	1	10	5	30.13	0.00	33	32	96	20	0	0		
19	0	30.63	0.00	12	8	85	04	0	0	0	30.04	0.00	29	28	95	23	0	0	0	30.06	0.00	34	33	96	15	2	9		
22	0	30.59	0.00	14	10	85	05	0	0	0	30.09	0.00	29	28	96	23	0	0	0	30.02	0.00	34	33	97	21	0	0		
DEC 31										DEC 31										DEC 31									
01	0	29.98	0.00	35	35	97	21	7	15																				
04	0	29.97	0.00	34	34	98	23	0	0																				
07	0	29.98	0.00	34	33	98	29	0	0																				
10	42	29.99	0.00	34	33	98	26	1	6																				
13	83	29.93	0.00	35	32	91	26	7	12																				
16	0	29.94	0.00	33	30	90	30	1	5																				
19	0	29.96	0.00	32	27	82	28	3	10																				
22	0	29.93	0.00	32	27	82	25	5	12																				

WEATHER NOTES

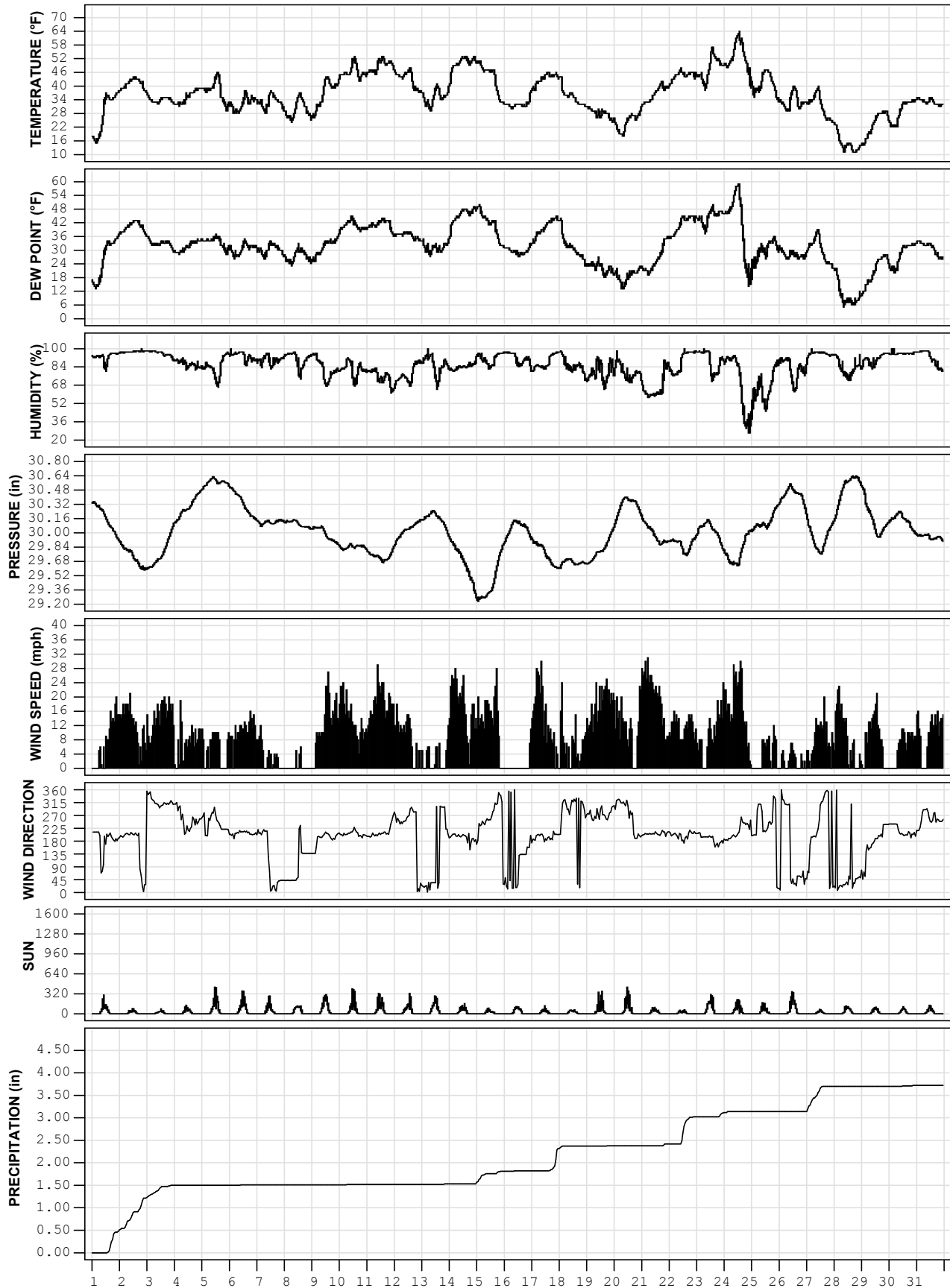
NOTES:
 Units are: Temperature=°F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.
 Wind Direction: Directions are those from which the wind is blowing, indicated in tens of degrees from true north: i.e., 09 for East, 18 for South, 27 for West, and 00 or 36 for North.
 Wind Speed: The observed one-minute 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

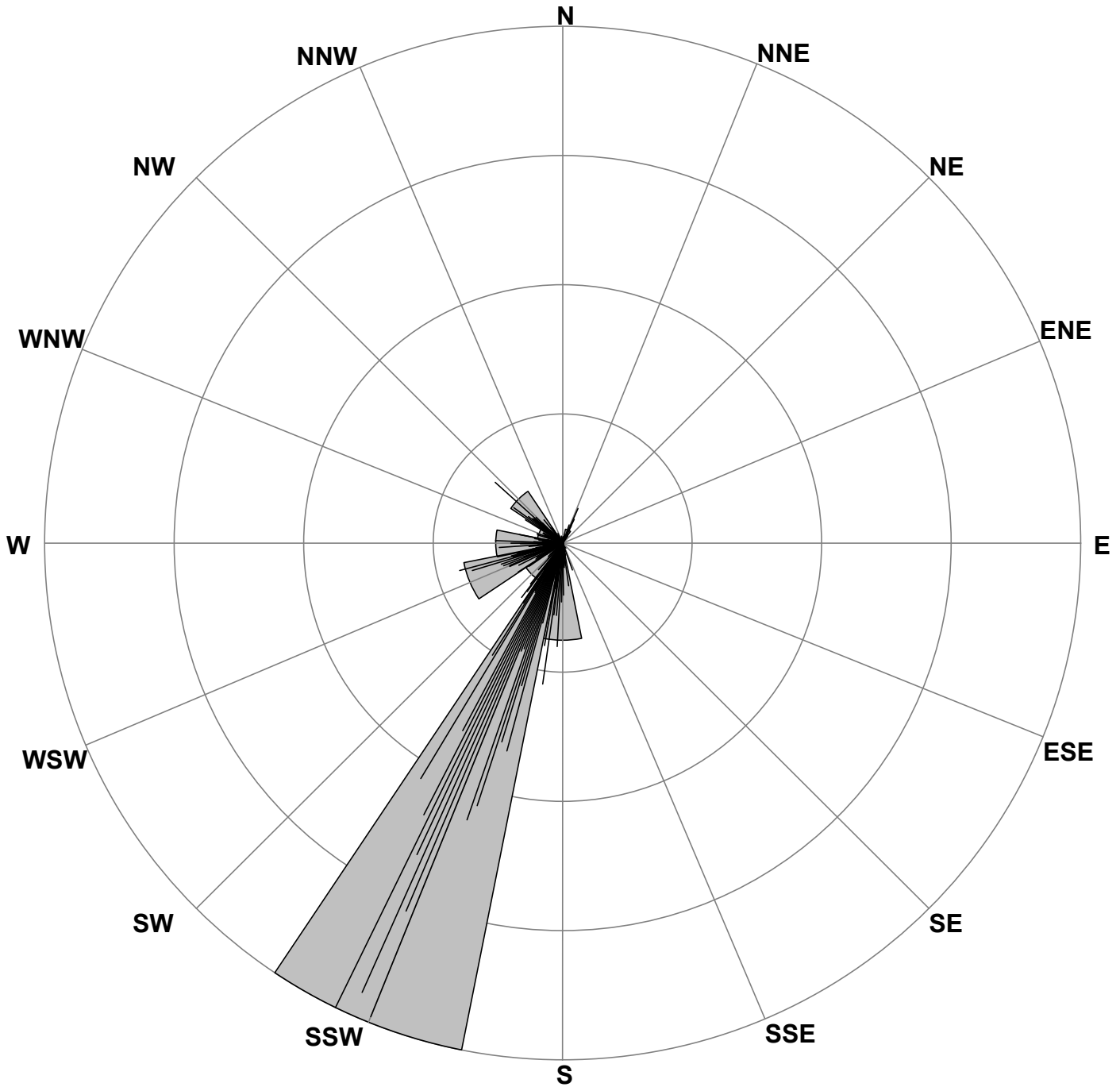
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01	0	30.016	36	32	87	1.9	21	1.7
04	0	30.020	35	31	88	2.7	21	2.2
07	0	30.035	35	31	88	2.3	21	1.8
10	93	30.048	37	33	86	2.7	22	2.2
13	112	29.997	40	34	81	3.0	22	2.4
16	4	30.002	39	33	82	1.8	22	1.2
19	0	30.019	37	33	86	1.7	21	1.3
22	0	30.014	36	32	86	1.6	23	1.0

HOURLY-BY-HOURLY DATA

December 2015: Westford



**Wind Rose: December 2015
Westford**



**Maximum direction of wind: 98.0 miles from 206°
Maximum sector of wind: 926.6 miles from SSW
1690.7 total miles of wind**