

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

September 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		11	12	13	14	15	16	17	18	19	20	21	22	23		
1	82.1	57.5	69.8	67.1	61	82	0	5	.....	0	0.00	0.0	30.03	29.94	29.975	0.1	0.1	260	8	W	5	305	204
2	83.6	56.5	70.0	69.2	65	86	0	6	.....	0	0.00	0.0	29.96	29.83	29.902	0.2	0.2	242	12	W	6	310	170
3	82.5	52.7	67.6	67.8	64	89	0	3	.....	0	0.00	0.0	29.96	29.80	29.860	0.1	0.1	348	11	NNE	4	294	131
4	80.0	46.5	63.3	62.6	56	82	1	0	.....	0	0.01	0.0	30.18	29.96	30.093	0.2	0.1	297	10	WNW	6	293	216
5	84.4	51.4	67.9	65.3	58	81	0	3	.....	0	0.00	0.0	30.23	30.11	30.168	0.4	0.4	216	14	SSW	9	203	213
6	86.7	56.9	71.8	71.1	61	72	0	7	.....	0	0.00	0.0	30.13	29.97	30.062	0.8	0.8	214	16	SSW	8	216	202
7	89.2	65.1	77.1*	76.1	65	70	0	12	.....	0	0.00	0.0	29.97	29.79	29.881	1.6	1.5	232	16	SSW	10	210	192
8	80.3	67.2	73.8	72.2	70	92	0	9	..3.....	0	1.07	0.0	29.92	29.82	29.869	0.2	0.2	269	14	WSW	7	290	90	
9	86.0	61.7	73.9	71.6	68	89	0	9	..3.....	0	0.17	0.0	29.82	29.65	29.748	1.0	0.9	218	20	WNW	14	292	142	
10	73.0	59.5	66.3	64.3	62	91	0	2	.....	0	0.01	0.0	29.90	29.80	29.844	0.0	0.0	0	0	NW	0	317	107
11	76.3	53.2	64.8	63.4	58	84	0	0	.....	0	0.00	0.0	29.81	29.74	29.764	0.1	0.1	306	10	W	4	295	188
12	74.4	50.9	62.7	61.5	58	90	2	0	.....	0	0.04	0.0	29.82	29.68	29.769	0.1	0.1	355	7	NNW	4	292	133
13	69.9	56.4	63.2	61.1	58	91	2	0	.....	0	0.44	0.0	29.71	29.62	29.656	1.2	0.9	192	18	ESE	8	301	88
14	60.3	53.6	56.9	57.2	55	94	8	0	.....	0	0.31	0.0	30.04	29.67	29.829	1.9	1.6	245	15	WNW	9	288	42
15	79.3	55.5	67.4	64.8	58	79	0	3	.....	0	0.00	0.0	30.25	30.04	30.177	0.7	0.6	269	12	SW	6	258	194
16	83.2	53.7	68.4	66.4	61	84	0	4	.....	0	0.00	0.0	30.27	30.14	30.217	0.1	0.1	220	9	WSW	3	203	187
17	83.7	55.5	69.6	67.4	61	82	0	5	.....	0	0.01	0.0	30.15	29.96	30.049	0.2	0.2	224	11	WSW	6	214	190
18	82.9	56.8	69.9	67.9	59	76	0	5	.....	0	0.00	0.0	29.97	29.85	29.917	0.3	0.3	217	12	S	4	233	187
19	80.2	61.8	71.0	69.2	59	71	0	6	.....	0	0.19	0.0	29.88	29.65	29.765	2.2	2.2	211	24	SW	13	200	167
20	64.1	41.1	52.6	53.7	48	82	12	0	.....	0	0.10	0.0	30.17	29.66	30.006	1.0	0.8	285	22	NW	10	293	155
21	69.5	38.0	53.8	51.8	46	83	11	0	.....	0	0.01	0.0	30.28	30.17	30.230	0.0	0.0	216	5	SSW	1	216	166
22	71.9	46.7	59.3	55.0	48	80	5	0	.....	0	0.00	0.0	30.31	30.21	30.255	0.1	0.1	213	11	S	4	209	133
23	74.6	42.8	58.7	57.2	50	81	6	0	.....	0	0.00	0.0	30.26	30.18	30.224	0.2	0.1	283	11	NW	6	296	179
24	69.6	43.9	56.8	56.2	50	81	8	0	.....	0	0.00	0.0	30.40	30.22	30.330	0.1	0.1	355	14	NNW	5	31	178
25	64.6	37.4	51.0	48.3	42	81	14	0	.....	0	0.00	0.0	30.42	30.34	30.390	0.1	0.1	296	9	W	6	281	137
26	67.1	34.2*	50.6	47.9	41	79	14	0	.....	0	0.00	0.0	30.52	30.41	30.453	0.1	0.0	263	8	NW	4	305	177
27	71.6	42.0	56.8	56.5	45	68	8	0	.....	0	0.00	0.0	30.42	30.20	30.321	1.5	1.5	218	18	WSW	9	212	172
28	73.7	54.5	64.1	62.8	56	80	0	0	.....	0	0.05	0.0	30.20	29.99	30.097	3.5	3.5	214	22	SSW	11	221	137
29	68.3	56.1	62.2	64.6	63	96	3	0	.....	0	1.83	0.0	29.99	29.87	29.923	2.2	2.1	213	18	SSW	9	208	37
30	56.1	44.0	50.0*	49.4	49	97	15	0	.....	0	1.32	0.0	30.15	29.85	29.957	1.4	1.4	21	21	N	8	30	14
Sum	Sum	-----	-----	---	----		Ttl	Ttl			Total	Total	For the month:										---	
2269	1553						109	79		Number of Days	5.56	0.0	30.52	29.62	30.024	0.7	0.5	228	24	SW	14	292		
Avg	Avg	Avg	Mean	Avg	Avg		----	----		Precip	Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg				
75.6	51.8	63.7	62.3	56	83.2		----	----		≥.01 inch	14	33.00	0.0	26	13	-----	----	----	---	19	9	151		
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			158	401	Thunder	2	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	2.86	29-30	0.0	-	0			-							
0	0	0	0	----	----			Clear	14	Partly Cloudy		8	Cloudy		8									

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

September 2015: Westford

Hour	Wind									Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Wind									Sunshine	Pressure	Rainfall rate	Temperature	Dew Point	Humidity	Wind								
	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
SEP 01									SEP 02									SEP 03																					
01	0	29.94	0.00	61	59	96	29	0	0	0	29.96	0.00	58	57	96	20	0	0	0	29.84	0.00	65	64	97	02	0	0												
04	0	29.97	0.00	58	57	97	11	0	0	0	29.95	0.00	59	58	97	20	0	0	0	29.81	0.00	65	64	98	02	0	0												
07	28	30.00	0.00	62	62	98	11	0	0	35	29.95	0.00	59	59	98	20	0	0	14	29.83	0.00	67	66	98	02	0	0												
10	448	30.02	0.00	68	65	90	15	0	2	431	29.94	0.00	73	66	78	22	3	9	69	29.86	0.00	69	68	98	29	0	0												
13	691	29.99	0.00	78	64	63	30	0	1	589	29.91	0.00	80	69	70	28	1	6	257	29.86	0.00	78	72	82	32	0	4												
16	461	29.96	0.00	82	62	51	20	0	1	378	29.86	0.00	83	69	64	27	2	6	524	29.84	0.00	81	70	88	24	0	1												
19	23	29.94	0.00	71	64	78	20	0	0	11	29.83	0.00	75	70	84	31	0	0	25	29.88	0.00	69	57	67	34	0	1												
22	0	29.97	0.00	60	57	92	20	0	0	0	29.84	0.00	68	67	96	02	0	0	0	29.94	0.00	54	52	94	06	0	0												
SEP 04									SEP 05									SEP 06																					
01	0	29.97	0.00	53	52	96	06	0	0	0	30.17	0.00	53	52	95	09	0	0	0	30.12	0.00	57	56	97	18	0	0												
04	0	30.01	0.00	49	48	97	06	0	0	0	30.18	0.00	52	51	97	09	0	0	0	30.11	0.00	61	57	86	19	0	8												
07	25	30.07	0.00	48	47	98	06	0	0	26	30.22	0.00	53	52	98	10	0	0	25	30.12	0.00	62	56	82	21	1	7												
10	506	30.12	0.00	67	59	74	19	0	0	483	30.21	0.00	69	62	78	20	7	12	454	30.13	0.00	73	60	65	20	4	16												
13	700	30.12	0.00	76	61	59	10	0	2	719	30.18	0.00	80	64	57	25	0	4	663	30.08	0.00	83	64	54	18	0	9												
16	468	30.11	0.00	79	67	66	29	0	7	459	30.14	0.00	82	59	46	10	0	1	434	30.02	0.00	86	61	43	20	0	8												
19	14	30.14	0.00	70	62	76	28	0	0	16	30.12	0.00	71	63	76	18	0	0	12	29.98	0.00	76	64	67	21	0	0												
22	0	30.17	0.00	59	56	90	09	0	0	0	30.12	0.00	60	58	95	18	0	0	0	29.97	0.00	70	62	76	20	0	1												
SEP 07									SEP 08									SEP 09																					
01	0	29.95	0.00	67	62	82	20	0	8	0	29.87	0.00	72	69	89	30	1	6	0	29.81	0.00	67	67	98	15	0	0												
04	0	29.93	0.00	68	62	83	21	0	9	0	29.86	0.00	68	67	96	24	0	0	0	29.77	0.00	68	68	98	20	1	8												
07	25	29.93	0.00	66	61	85	21	1	8	12	29.89	0.00	69	68	97	24	0	0	30	29.77	0.00	69	67	93	20	1	9												
10	425	29.93	0.00	77	68	74	21	0	13	251	29.91	0.00	74	72	94	24	0	0	387	29.75	0.00	78	70	78	20	1	9												
13	638	29.88	0.00	85	69	60	22	6	11	448	29.89	0.00	78	72	84	15	0	0	633	29.69	0.00	85	71	63	23	3	12												
16	403	29.82	0.00	89	69	52	22	3	10	209	29.85	0.00	80	71	74	24	0	0	0	29.71	0.00	73	66	79	31	3	19												
19	11	29.79	0.00	80	65	61	24	1	7	0	29.85	0.05	71	70	95	17	0	0	0	29.74	0.00	68	67	96	28	0	0												
22	0	29.83	0.00	77	65	67	21	4	9	0	29.84	0.00	69	68	97	09	0	0	0	29.79	0.00	65	64	97	31	0	0												
SEP 10									SEP 11									SEP 12																					
01	0	29.81	0.00	63	62	98	31	0	0	0	29.80	0.00	60	59	96	04	0	0	0	29.79	0.00	53	52	97	34	0	0												
04	0	29.83	0.00	62	61	98	31	0	0	0	29.76	0.00	58	57	97	04	0	0	0	29.78	0.00	51	51	98	34	0	0												
07	16	29.85	0.00	60	59	98	31	0	0	32	29.76	0.00	55	54	98	04	0	0	28	29.81	0.00	52	51	98	34	0	0												
10	171	29.89	0.00	63	63	98	31	0	0	512	29.77	0.00	67	61	81	07	0	0	504	29.82	0.00	67	61	82	35	0	0												
13	378	29.88	0.00	71	64	79	07	0	0	809	29.75	0.00	73	63	71	30	1	8	540	29.79	0.00	73	63	72	31	0	0												
16	165	29.85	0.00	71	64	79	10	0	0	439	29.74	0.00	76	60	58	31	0	4	183	29.75	0.00	71	64	79	35	0	3												
19	0	29.83	0.00	63	60	91	04	0	0	7	29.74	0.00	65	59	82	34	0	0	0	29.73	0.00	63	61	91	05	0	0												
22	0	29.82	0.00	60	58	95	04	0	0	0	29.79	0.00	55	54	96	34	0	0	0	29.72	0.00	61	61	97	05	0	0												
SEP 13									SEP 14									SEP 15																					
01	0	29.67	0.00	60	59	97	11	0	0	0	29.70	0.00	56	56	97	26	0	0	0	30.06	0.00	61	57	85	26	2	12												
04	0	29.65	0.00	58	56	92	14	0	7	0	29.69	0.00	54	54	97	20	4	10	0	30.12	0.00	57	54	90	25	2	10												
07	5	29.65	0.00	58	56	94	15	0	6	0	29.74	0.06	54	53	97	21	4	9	14	30.18	0.00	56	53	90	21	0	0												
10	269	29.64	0.00	62	59	89	19	0	8	100	29.79	0.05	56	55	97	22	0	1	466	30.23	0.00	67	58	73	29	2	11												
13	362	29.64	0.00	65	61	87	19	3	8	149	29.82	0.00	59	58	98	25	4	7	652	30.21	0.00	73	60	64	26	3	12												
16	142	29.63	0.00	68	61	78	16	2	18	97	29.88	0.00	59	57	93	27	0	11	413	30.18	0.00	79	62	56	06	0	0												
19	5	29.66	0.00	61	60	95	14	0	0	0	29.95	0.00	60	56	87	25	1	8	5	30.18	0.00	65	61	85	32	0	0												
22	0	29.68	0.00	57	56	95	25	5	8	0	30.01	0.00	58	55	90	22	4	7	0	30.23	0.00	58	57	96	32	0	0												
SEP 16									SEP 17									SEP 18																					
01	0	30.25	0.00	57	56	97	32	0	0	0	30.15	0.00	60	59	97	19	0	4	0	29.96	0.00	60	59	95	22	0	0												
04	0	30.26	0.00	57	56	97	32	0	0	0	30.10	0.00	58	57	96	20	0	0	0	29.94	0.00	58	57	97	22	0	2												
07	16	30.26	0.00	54	53	98	32	0	0	12	30.11	0.00	56	55	97	20	0	0	12	29.95	0.00	59	58	96	21	0	4												
10	445	30.27	0.00	72	64	76	21	0	0	455	30.10	0.00	72	64	77	22	0	6	448	29.97	0.00	71	63	75	19	0	9												
13	631	30.24	0.00	79	65	62	20	0	1	638	30.05	0.00	79	66	64	25	0	6	647	29.91	0.00	80	61	52	16	0	5												
16	401	30.18	0.00	82	66	57	17	0	2	411	29.98	0.00	83	61	48	18	0	1	396	29.87	0.00	82	62	51	19	0	10												
19	5	30.14	0.00	69	64	86	19	0	0	0	29.97	0.00	68	63	86	22	0	0	0	29.86	0.00	68	58	70	22	0	0												
22	0	30.14	0.00	61	60	96	19	0	0	0	29.97	0.00	60	59	96	22	0	0	0	29.89	0.00	64	56	75	21	0	5												

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.28	0.33	0.34	0.34	0.38	0.66	0.68	0.68	0.79	0.84	0.91	0.97
Ended: Date	08	08	08	08	08	08	08	08	29	29	29	29
Ended: Time	1842	1845	1847	1847	1910	1921	1931	1931	2037	2038	2038	2105

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

September 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						
SEP 19									SEP 20									SEP 21									
01	0	29.87	0.00	63	56	78	20	0	5	0	29.69	0.19	64	62	94	21	8	16	0	30.17	0.00	41	40	97	04	0	0
04	0	29.84	0.00	63	57	79	20	0	6	0	29.86	0.00	52	50	92	30	0	16	0	30.17	0.00	39	38	97	04	0	0
07	12	29.83	0.00	64	57	78	20	0	7	7	29.96	0.00	51	47	87	30	0	1	11	30.24	0.00	39	38	97	04	0	0
10	417	29.83	0.00	72	60	66	21	4	15	167	30.04	0.00	53	47	81	30	1	13	475	30.27	0.00	55	51	86	04	0	0
13	663	29.75	0.00	79	61	55	20	5	12	756	30.08	0.00	59	49	68	30	0	10	466	30.25	0.00	65	48	54	12	0	0
16	497	29.70	0.00	79	58	49	19	4	12	415	30.08	0.00	62	47	58	32	0	2	454	30.24	0.00	69	49	49	20	0	0
19	0	29.67	0.00	69	58	67	21	1	8	0	30.10	0.00	50	45	85	04	0	0	0	30.24	0.00	54	50	87	21	0	0
22	0	29.66	0.00	64	62	92	19	1	6	0	30.16	0.00	42	41	96	04	0	0	0	30.25	0.00	50	48	95	21	0	0
SEP 22									SEP 23									SEP 24									
01	0	30.25	0.00	48	47	96	21	0	0	0	30.22	0.00	47	44	90	22	0	0	0	30.23	0.00	54	53	97	31	0	0
04	0	30.25	0.00	48	47	97	21	0	0	0	30.22	0.00	44	43	95	22	0	0	0	30.24	0.00	52	51	97	31	0	0
07	7	30.29	0.00	48	47	97	21	0	0	11	30.25	0.00	43	42	97	22	0	0	12	30.31	0.00	51	50	98	31	0	0
10	142	30.30	0.00	56	53	90	21	0	0	439	30.26	0.00	64	52	66	21	0	4	436	30.36	0.00	62	55	78	31	0	5
13	352	30.28	0.00	66	50	56	18	1	8	626	30.24	0.00	72	56	57	33	0	5	619	30.36	0.00	69	55	62	27	0	8
16	294	30.23	0.00	72	43	36	22	1	6	380	30.19	0.00	74	56	54	05	0	1	366	30.34	0.00	68	51	55	00	0	6
19	0	30.22	0.00	55	49	80	22	0	0	0	30.19	0.00	59	55	87	31	0	0	0	30.37	0.00	51	45	79	35	0	0
22	0	30.22	0.00	47	45	94	22	0	0	0	30.22	0.00	53	52	96	31	0	0	0	30.39	0.00	45	41	89	02	0	0
SEP 25									SEP 26									SEP 27									
01	0	30.40	0.00	43	40	89	09	0	0	0	30.42	0.00	38	37	96	02	0	0	0	30.41	0.00	42	41	96	22	0	0
04	0	30.38	0.00	42	40	92	08	0	0	0	30.43	0.00	36	35	97	02	0	0	0	30.39	0.00	47	43	87	21	0	6
07	12	30.39	0.00	38	36	96	08	0	0	9	30.49	0.00	35	34	97	02	0	0	9	30.39	0.00	47	43	86	20	0	6
10	476	30.42	0.00	55	44	68	12	0	0	441	30.52	0.00	54	44	71	09	0	5	425	30.40	0.00	58	49	72	21	0	15
13	547	30.40	0.00	63	48	58	28	0	8	621	30.49	0.00	63	41	44	30	0	6	603	30.34	0.00	68	53	58	22	3	10
16	206	30.35	0.00	60	48	66	32	0	1	376	30.43	0.00	66	45	47	29	1	6	373	30.24	0.00	71	53	52	22	1	7
19	0	30.38	0.00	51	43	76	02	0	0	0	30.41	0.00	50	44	81	01	0	0	0	30.22	0.00	60	40	48	21	2	13
22	0	30.41	0.00	40	39	95	02	0	0	0	30.41	0.00	42	40	95	01	0	0	0	30.21	0.00	54	39	57	19	0	9
SEP 28									SEP 29									SEP 30									
01	0	30.19	0.00	55	45	70	20	3	14	0	29.98	0.00	63	61	95	18	2	9	0	29.92	0.08	55	54	97	02	2	10
04	0	30.15	0.00	57	52	83	21	7	12	0	29.94	0.00	65	63	93	18	2	12	0	29.91	0.06	52	52	98	01	0	8
07	11	30.15	0.00	58	53	85	20	5	15	0	29.95	0.00	64	63	97	20	4	10	0	29.88	0.04	52	52	98	08	0	9
10	432	30.14	0.00	66	57	73	20	5	13	125	29.95	0.00	67	65	96	21	4	13	12	29.90	0.08	51	51	98	12	0	7
13	663	30.10	0.00	71	61	71	21	4	14	91	29.93	0.00	68	66	92	19	3	10	37	29.88	0.07	50	50	98	00	2	8
16	63	30.06	0.00	64	60	85	21	4	18	97	29.88	0.00	68	67	96	21	3	12	28	29.95	0.00	47	46	98	00	1	9
19	0	30.01	0.00	64	59	85	20	2	10	0	29.87	0.37	66	65	97	20	4	14	0	30.06	0.00	45	44	97	02	3	14
22	0	30.01	0.00	66	61	84	22	4	10	0	29.90	0.47	58	57	97	32	0	0	0	30.13	0.00	44	43	95	01	0	7

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	30.019	57	55	93	0.6	21	0.4
04	0	30.017	55	53	94	0.6	21	0.5
07	15	30.041	55	53	94	0.5	21	0.5
10	360	30.057	65	59	81	1.1	22	1.0
13	540	30.033	72	60	67	1.3	23	1.1
16	318	30.002	73	59	63	0.8	23	0.5
19	4	30.002	63	57	81	0.5	22	0.2
22	0	30.024	57	54	91	0.6	23	0.5

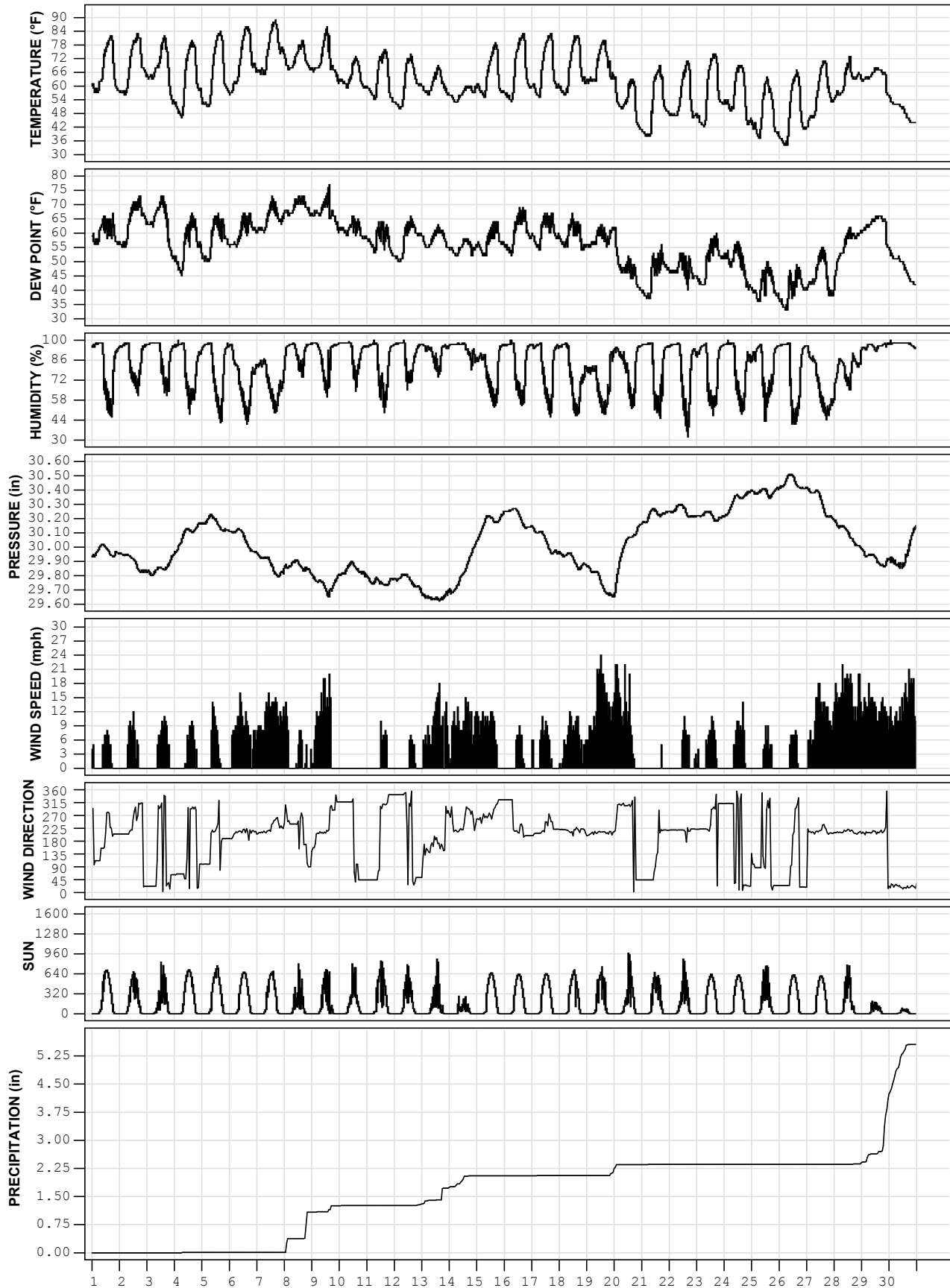
HOURLY PRECIPITATION (Water Equivalent) September 2015: Westford

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							0.01																		04
05																									05
06																									06
07																									07
08		0.26	0.11																						08
09					0.01																				09
10		0.01																							10
11																									11
12																									12
13		0.02	0.06		0.01	0.01							0.01							0.01	0.01		0.01	0.01	13
14	0.02				0.01	0.03	0.04			0.04	0.03	0.05	0.08											0.02	14
15																									15
16																									16
17					0.01																				17
18																									18
19																									19
20	0.03	0.07																			0.05	0.01	0.03	0.10	20
21						0.01																			21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																	0.01								28
29	0.01		0.01		0.11	0.07	0.01	0.02						0.01	0.05									0.04	29
30	0.06	0.08	0.12	0.11	0.11	0.13	0.06	0.03	0.10	0.17	0.08	0.03	0.06	0.06	0.09	0.02	0.01	0.02	0.14	0.50	0.32	0.14	0.28	0.14	30
Sum	0.12	0.44	0.30	0.11	0.26	0.25	0.12	0.05	0.10	0.21	0.11	0.08	0.15	0.07	0.20	0.02	0.13	0.33	0.50	0.85	0.38	0.15	0.32	0.31	Sum

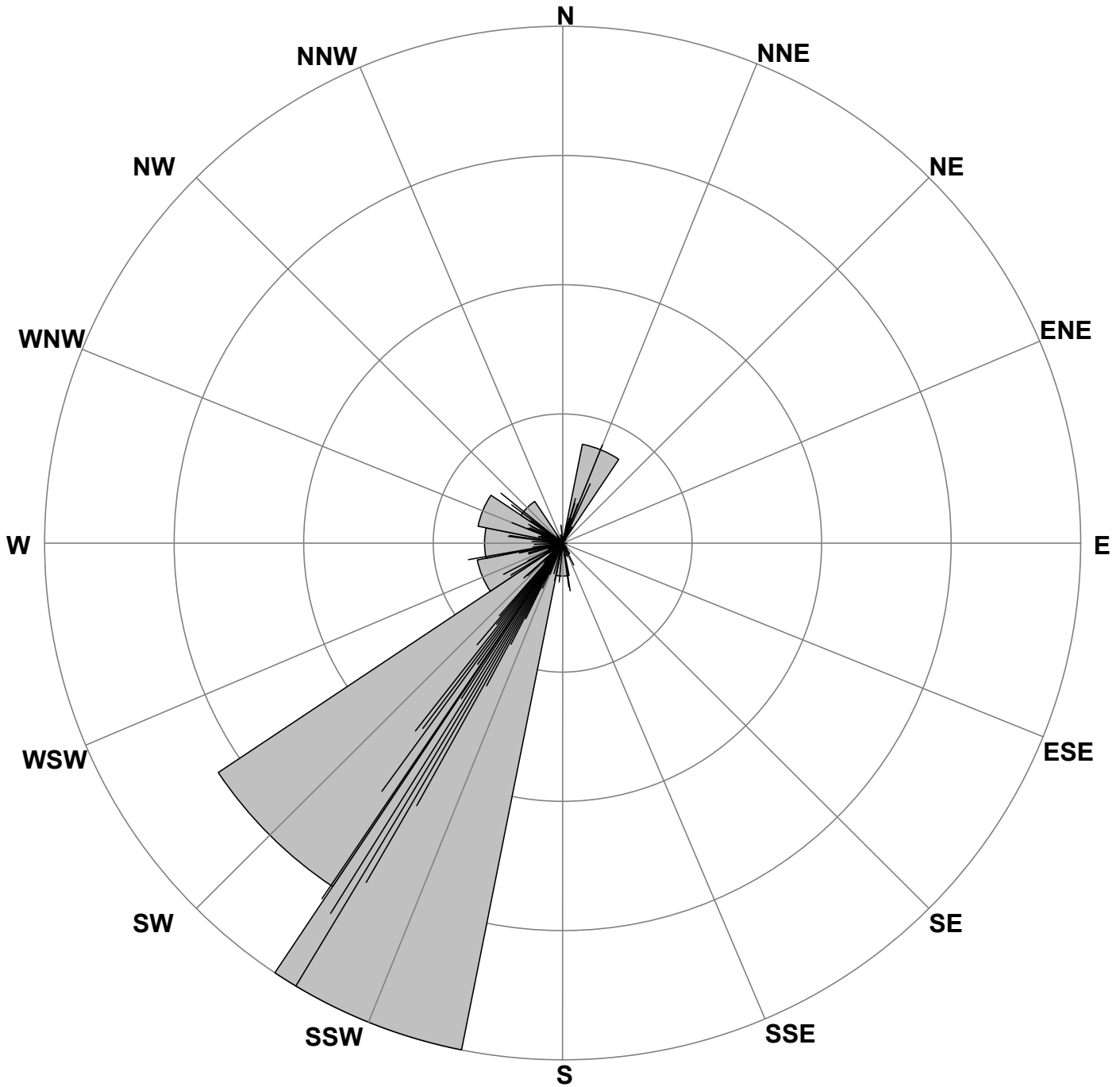
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA

September 2015: Westford



**Wind Rose: September 2015
Westford**



**Maximum direction of wind: 40.9 miles from 211°
Maximum sector of wind: 190.6 miles from SSW
514.8 total miles of wind**