

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

August 2017

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
1	2	3	4A	4B	5	6	7	8		11	12	13	14	15	16	17	18	19	20	21	22	23		
1	82.3	56.2	69.3	68.2	61	79	0	4	.....	0	0.00	0.0	30.02	29.95	29.989	0.1	0.1	299	10	WNW	4	300	275
2	86.5*	54.3	70.4	70.0	62	79	0	6	.....	0	0.00	0.0	30.01	29.92	29.975	0.1	0.1	228	12	SSW	4	225	244
3	83.8	60.4	72.1	69.7	65	86	0	7	.....	0	0.02	0.0	30.05	29.98	30.008	0.2	0.2	236	12	SSW	6	291	201
4	85.1	58.2	71.6	72.4	66	82	0	7	.....	0	0.00	0.0	29.99	29.78	29.885	1.4	1.4	216	20	S	9	234	245
5	75.9	61.0	68.5	68.1	62	81	0	4	..3.....	0	0.41	0.0	29.81	29.68	29.749	1.4	1.2	257	23	SW	10	227	92	
6	71.4	54.1	62.8	61.1	53	76	2	0	.....	0	0.00	0.0	29.99	29.79	29.915	2.5	2.4	286	22	WNW	11	281	222
7	73.0	53.6	63.3	61.1	58	90	1	0	..3.....	0	0.41	0.0	30.02	29.91	29.967	0.1	0.0	223	11	WSW	4	230	121	
8	74.7	52.6	63.6	62.6	58	86	1	0	.....	0	0.08	0.0	29.99	29.88	29.917	0.2	0.2	296	10	WNW	5	299	217
9	76.9	53.3	65.1	64.2	59	84	0	0	.....	0	0.00	0.0	30.15	29.99	30.062	0.9	0.8	238	18	W	9	221	205
10	83.0	54.9	69.0	67.8	62	84	0	4	.....	0	0.00	0.0	30.18	30.08	30.132	0.1	0.1	234	11	WSW	4	215	229
11	81.2	58.6	69.9	68.4	62	83	0	5	..3.....	0	0.10	0.0	30.10	29.88	30.016	0.5	0.5	220	19	SW	9	230	214	
12	80.1	62.2	71.1	68.8	64	85	0	6	..3.....	0	T	0.0	29.88	29.70	29.787	1.4	1.4	217	23	SSW	8	209	190	
13	77.7	56.2	66.9	66.1	60	82	0	2	.....	0	0.10	0.0	29.96	29.74	29.851	0.8	0.7	293	16	NW	9	296	219
14	79.6	53.6	66.6	66.1	57	75	0	2	.....	0	0.00	0.0	30.00	29.86	29.935	0.3	0.3	216	11	SSW	5	214	226
15	79.9	56.0	68.0	67.0	61	83	0	3	..3.....	0	0.12	0.0	29.87	29.75	29.805	0.8	0.7	227	16	SW	8	222	194	
16	72.6	50.4	61.5	61.8	55	80	3	0	.....	0	0.01	0.0	30.00	29.83	29.939	0.5	0.4	330	15	NW	8	292	252
17	76.7	49.1	62.9	61.7	55	80	2	0	.....	0	0.00	0.0	30.02	29.92	29.973	0.2	0.2	276	9	WNW	4	291	216
18	80.1	56.1	68.1	67.5	64	89	0	3	..3.....	0	0.43	0.0	29.92	29.65	29.746	1.1	1.1	204	19	S	8	220	137	
19	78.0	60.0	69.0	69.4	65	87	0	4	.....	0	0.00	0.0	29.77	29.67	29.711	1.1	0.9	264	18	WNW	10	302	124
20	78.4	60.8	69.6	67.6	61	80	0	5	.....	0	0.16	0.0	30.04	29.77	29.913	0.9	0.9	291	15	W	8	295	226
21	82.0	58.9	70.5	69.5	63	82	0	6	.....	0	0.00	0.0	30.08	29.95	30.018	0.8	0.8	221	16	S	8	220	202
22	83.0	62.9	73.0*	71.0	67	88	0	8	..3.....	0	0.46	0.0	29.97	29.54	29.736	1.8	1.8	217	24	SSW	11	207	158	
23	74.9	57.9	66.4	65.0	58	79	0	2	.....	0	0.03	0.0	29.77	29.53	29.674	2.5	2.4	265	25	WNW	11	291	231
24	67.8	48.1	58.0	58.3	54	87	7	0	.....	0	0.01	0.0	29.98	29.77	29.877	0.7	0.7	291	18	WNW	9	307	134
25	68.9	45.7	57.3	55.2	51	86	7	0	.....	0	0.01	0.0	30.16	29.98	30.076	0.3	0.3	301	14	WNW	8	282	173
26	70.8	44.7	57.8	56.1	49	81	7	0	.....	0	0.01	0.0	30.27	30.16	30.217	0.2	0.2	297	12	WNW	7	283	236
27	72.9	41.6*	57.3	55.7	49	81	7	0	.....	0	0.00	0.0	30.31	30.24	30.275	0.0	0.0	340	8	WNW	3	302	205
28	76.2	42.7	59.4	58.1	50	79	5	0	.....	0	0.00	0.0	30.32	30.23	30.271	0.1	0.0	249	11	NNE	4	284	218
29	72.8	45.8	59.3	57.4	50	80	5	0	.....	0	0.00	0.0	30.26	30.04	30.183	0.1	0.1	213	12	SE	4	212	176
30	73.9	48.2	61.1	58.2	50	77	4	0	.....	0	0.00	0.0	30.05	29.82	29.925	0.1	0.1	299	10	NW	4	298	232
31	66.2	47.0	56.6*	55.2	50	83	8	0	.....	0	0.03	0.0	29.98	29.76	29.868	1.1	1.1	304	22	W	9	305	122
Sum	Sum	-----	-----	---	----		Ttl	Ttl			Total	Total	For the month:					---						
	2386	1665					59	78	Number of Days		2.39	0.0	30.32	29.53	29.948	0.7	0.6	254	25	WNW	11	281		
Avg	Avg	Avg	Mean	Avg	Avg		----	----	Precip		Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg				
	77.0	53.7	65.3	64.2	58	82.4	----	----	≥.01 inch	16	29.67	0.0	28	23	-----	----	----	---	23	6	198			
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			93	264	Thunder	7	Precipitation		Snow, Ice Plts												
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.49	7- 8	0.0	-	0			-							
0	0	0	0	----	----			Clear	5	Partly Cloudy		22	Cloudy		4									

NOTES:
 Units: 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

August 2017: Westford

Hour	Wind									Wind									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
AUG 01									AUG 02									AUG 03									
00	0	29.98	0.00	63	61	96	24	0	0	0	29.99	0.00	56	55	95	29	0	0	0	29.98	0.00	68	66	91	21	1	12
03	0	29.98	0.00	60	59	96	24	0	0	0	29.98	0.00	55	54	97	29	0	0	0	29.99	0.00	62	61	95	21	0	0
06	12	29.99	0.00	57	56	97	24	0	0	11	29.99	0.00	55	54	97	29	0	0	18	30.01	0.00	61	60	96	21	0	5
09	482	30.02	0.00	70	64	82	27	0	0	466	30.00	0.00	74	65	73	20	1	7	483	30.04	0.00	71	66	85	22	1	6
12	819	30.02	0.00	78	64	63	30	1	10	626	30.00	0.00	81	68	65	23	0	6	779	30.03	0.00	80	69	70	23	0	5
15	737	29.99	0.00	81	64	55	33	0	3	731	29.95	0.00	86	64	48	23	0	4	613	30.00	0.00	80	72	76	32	0	6
18	88	29.95	0.00	78	62	57	29	0	0	135	29.93	0.00	80	67	65	24	0	0	62	29.99	0.00	74	70	86	04	0	0
21	0	29.99	0.00	60	57	89	29	0	0	0	29.97	0.00	70	65	84	21	0	0	0	30.01	0.00	65	63	94	04	0	0
AUG 04									AUG 05									AUG 06									
00	0	29.99	0.00	62	61	96	04	0	0	0	29.78	0.00	73	64	74	23	4	18	0	29.80	0.00	61	54	77	26	2	10
03	0	29.96	0.00	60	59	97	04	0	0	0	29.77	0.00	68	63	85	18	1	11	0	29.81	0.00	59	53	80	27	4	9
06	9	29.95	0.00	60	59	97	04	0	0	14	29.74	0.00	69	62	80	18	0	1	0	29.88	0.00	55	49	82	29	4	20
09	446	29.94	0.00	74	69	85	21	0	12	35	29.74	0.00	67	64	91	21	0	0	508	29.94	0.00	60	51	74	30	9	22
12	751	29.90	0.00	81	70	70	22	5	15	25	29.73	0.00	64	62	94	31	0	7	163	29.94	0.00	65	54	68	29	5	12
15	710	29.82	0.00	85	71	64	22	1	11	772	29.71	0.00	70	67	89	15	0	1	311	29.94	0.00	67	56	69	30	0	10
18	120	29.79	0.00	81	71	71	20	0	8	176	29.72	0.00	72	61	68	28	5	13	84	29.94	0.00	67	55	64	31	3	10
21	0	29.81	0.00	73	68	84	22	2	7	0	29.78	0.00	64	56	75	26	4	11	0	29.98	0.00	56	52	89	30	0	0
AUG 07									AUG 08									AUG 09									
00	0	29.99	0.00	57	55	93	27	0	0	0	29.91	0.26	60	59	97	20	0	0	0	29.99	0.00	54	53	96	24	0	0
03	0	29.99	0.00	54	53	95	26	0	0	0	29.88	0.00	58	57	97	20	0	0	0	30.00	0.00	54	53	97	21	0	5
06	7	30.00	0.00	57	55	96	26	0	0	5	29.89	0.00	53	53	97	20	0	0	7	30.03	0.00	55	53	94	21	0	7
09	244	30.00	0.00	61	57	87	26	0	0	227	29.92	0.00	62	62	98	21	0	0	299	30.06	0.00	64	58	81	21	7	14
12	417	29.97	0.00	70	61	73	27	1	7	881	29.92	0.00	70	63	77	31	0	8	828	30.07	0.00	74	63	70	22	2	13
15	65	29.96	0.22	63	61	92	28	0	1	780	29.91	0.00	73	60	65	28	3	9	394	30.06	0.00	74	63	69	29	2	9
18	67	29.92	0.00	63	61	94	20	0	0	54	29.91	0.00	71	57	63	31	0	0	144	30.08	0.00	73	64	74	30	0	0
21	0	29.94	0.00	61	59	96	20	0	5	0	29.97	0.00	56	54	92	31	0	0	0	30.13	0.00	62	60	91	30	0	0
AUG 10									AUG 11									AUG 12									
00	0	30.14	0.00	58	56	94	30	0	0	0	30.08	0.00	60	59	96	17	0	0	0	29.88	0.00	63	61	93	21	0	0
03	0	30.14	0.00	55	54	96	30	0	0	0	30.09	0.00	60	59	97	17	0	0	0	29.87	0.00	65	63	93	21	2	7
06	5	30.15	0.00	56	55	97	27	0	0	11	30.07	0.00	61	59	96	15	0	0	0	29.83	0.00	63	62	94	22	1	9
09	439	30.17	0.00	71	64	80	17	1	8	489	30.07	0.00	69	66	90	24	1	6	309	29.83	0.00	69	65	88	21	3	12
12	594	30.16	0.00	79	67	67	25	0	7	793	30.04	0.00	79	67	68	26	0	11	744	29.78	0.00	76	68	77	21	2	10
15	624	30.13	0.00	82	68	63	18	0	7	555	29.99	0.00	80	62	54	21	2	12	682	29.73	0.00	78	69	72	22	3	18
18	132	30.10	0.00	76	67	75	25	0	1	95	29.95	0.00	73	63	72	21	0	0	162	29.70	0.00	74	67	80	22	4	12
21	0	30.09	0.00	65	63	93	17	0	0	0	29.94	0.00	65	62	91	21	0	0	0	29.74	0.00	64	60	89	21	0	7
AUG 13									AUG 14									AUG 15									
00	0	29.74	0.00	64	62	95	22	1	6	0	29.95	0.00	56	54	91	29	0	0	0	29.86	0.00	60	54	80	19	0	4
03	0	29.76	0.00	61	60	96	19	0	0	0	29.96	0.00	57	54	89	25	0	0	0	29.84	0.00	59	56	89	20	0	5
06	0	29.77	0.00	63	61	94	27	1	8	7	29.98	0.00	55	53	93	24	0	4	5	29.83	0.00	56	55	94	20	0	0
09	578	29.84	0.00	64	62	93	32	5	15	446	29.99	0.00	68	59	73	21	2	7	274	29.82	0.00	69	63	81	22	0	14
12	1060	29.88	0.00	71	63	77	33	0	6	295	29.97	0.00	75	60	60	19	0	5	754	29.80	0.00	76	65	70	22	5	14
15	721	29.89	0.00	76	61	59	31	0	6	751	29.93	0.00	77	59	54	23	2	8	925	29.77	0.00	78	69	76	24	0	2
18	123	29.89	0.00	74	59	61	30	0	0	88	29.88	0.00	76	61	60	21	0	5	54	29.75	0.00	74	66	76	21	0	2
21	0	29.94	0.00	58	55	89	29	0	0	0	29.87	0.00	61	56	83	19	0	0	0	29.81	0.00	63	62	95	31	0	0
AUG 16									AUG 17									AUG 18									
00	0	29.83	0.00	59	58	96	31	0	0	0	29.99	0.00	51	49	93	29	0	0	0	29.92	0.00	56	55	96	29	0	0
03	0	29.85	0.00	58	57	97	31	0	0	0	30.00	0.00	49	48	95	22	0	0	0	29.85	0.00	59	58	94	29	0	0
06	0	29.91	0.00	60	60	97	11	0	5	0	30.00	0.00	51	50	95	22	0	5	0	29.78	0.00	65	59	81	13	0	1
09	427	29.95	0.00	61	55	82	02	2	12	397	30.02	0.00	63	55	77	21	1	7	72	29.76	0.00	63	61	95	20	1	11
12	777	29.98	0.00	69	55	62	31	2	10	712	30.00	0.00	72	59	63	29	4	8	339	29.74	0.00	71	67	88	15	3	13
15	715	29.96	0.00	72	56	57	30	0	9	540	29.96	0.00	74	62	65	29	0	6	346	29.70	0.00	77	71	82	21	5	15
18	90	29.95	0.00	67	54	62	29	0	2	120	29.92	0.00	73	61	65	29	0	0	44	29.66	0.00	76	69	79	21	3	10
21	0	29.99	0.00	52	49	90	29	0	0	0	29.92	0.00	59	56	90	29	0	0	0	29.69	0.00	69	67	92	19	0	8

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.14	0.16	0.18	0.20	0.23	0.27	0.32	0.37	0.38	0.38	0.38	0.39
Ended: Date	22	22	22	22	22	22	22	22	22	22	22	22
Ended: Time	1842	1842	1842	1842	1842	1842	1842	1842	1842	1842	1842	2011

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

August 2017: Westford

Hour	AUG 19									AUG 20									AUG 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
00	0	29.70	0.04	68	66	95	19	0	5	0	29.77	0.00	62	58	87	23	0	0	0	30.03	0.00	62	59	91	22	0	0
03	0	29.68	0.00	65	64	97	21	0	0	0	29.77	0.00	66	59	80	25	0	12	0	30.05	0.00	59	57	92	21	0	1
06	0	29.69	0.00	64	64	97	21	0	0	0	29.85	0.00	61	60	95	28	0	5	5	30.07	0.00	60	57	91	23	0	0
09	151	29.72	0.00	68	67	97	21	0	5	418	29.93	0.00	65	61	85	29	5	15	387	30.06	0.00	68	62	81	21	7	16
12	352	29.72	0.00	77	70	79	21	0	5	810	29.95	0.00	73	63	70	28	2	7	712	30.04	0.00	79	68	69	22	0	7
15	833	29.70	0.00	76	69	79	26	1	7	640	29.96	0.00	76	63	65	29	0	7	285	29.99	0.00	78	68	72	22	0	0
18	121	29.69	0.00	75	68	81	26	0	0	127	29.95	0.00	75	63	66	27	0	4	95	29.96	0.00	79	68	69	21	1	6
21	0	29.75	0.00	67	59	75	26	1	11	0	30.00	0.00	64	59	85	26	0	0	0	29.96	0.00	68	65	90	22	0	0
AUG 22									AUG 23									AUG 24									
00	0	29.96	0.00	65	63	93	21	0	1	0	29.54	0.00	66	65	96	22	1	8	0	29.77	0.00	58	53	85	26	1	6
03	0	29.92	0.00	65	63	95	20	0	4	0	29.54	0.00	67	66	97	21	3	10	0	29.79	0.00	54	52	93	25	0	0
06	0	29.89	0.00	65	63	92	21	0	7	0	29.62	0.00	59	56	88	26	0	8	0	29.83	0.00	55	54	96	26	0	0
09	378	29.84	0.00	74	68	81	15	2	9	181	29.68	0.00	63	54	74	24	1	14	148	29.87	0.00	59	56	89	29	0	12
12	673	29.74	0.00	80	72	76	19	3	15	770	29.70	0.00	69	57	65	28	6	15	100	29.89	0.00	63	57	81	27	0	5
15	700	29.60	0.00	81	73	75	22	5	19	853	29.71	0.00	72	57	58	30	6	16	439	29.90	0.00	66	54	67	30	7	14
18	18	29.57	0.26	71	69	93	26	1	14	44	29.73	0.00	67	56	68	29	4	11	109	29.93	0.00	63	57	81	30	0	1
21	0	29.57	0.00	67	66	96	20	2	11	0	29.77	0.00	60	55	85	26	4	11	0	29.96	0.00	52	50	93	31	0	0
AUG 25									AUG 26									AUG 27									
00	0	29.98	0.00	48	47	95	31	0	0	0	30.16	0.00	49	47	95	32	0	0	0	30.27	0.00	46	44	96	29	0	0
03	0	29.99	0.00	48	47	97	31	0	0	0	30.17	0.00	48	47	95	26	0	0	0	30.27	0.00	44	43	97	29	0	0
06	0	30.04	0.00	48	47	97	31	0	0	0	30.20	0.00	46	45	96	22	0	0	0	30.28	0.00	42	41	97	29	0	0
09	202	30.08	0.00	54	54	97	29	2	6	394	30.23	0.00	60	54	80	22	0	0	404	30.31	0.00	58	55	89	29	0	0
12	214	30.09	0.00	63	54	73	29	2	8	710	30.24	0.00	67	52	60	29	0	3	775	30.30	0.00	71	55	57	31	0	1
15	668	30.08	0.00	67	52	59	30	0	8	663	30.22	0.00	70	50	49	29	0	7	763	30.26	0.00	71	51	49	29	0	0
18	105	30.10	0.00	64	54	69	33	0	7	148	30.22	0.00	66	52	60	29	0	0	185	30.25	0.00	69	51	52	02	0	1
21	0	30.15	0.00	50	48	93	32	0	0	0	30.25	0.00	49	46	92	29	0	0	0	30.26	0.00	51	49	93	02	0	0
AUG 28									AUG 29									AUG 30									
00	0	30.27	0.00	47	46	95	02	0	0	0	30.25	0.00	48	47	95	25	0	0	0	30.05	0.00	50	47	90	15	0	0
03	0	30.27	0.00	45	44	96	02	0	0	0	30.24	0.00	48	47	96	25	0	0	0	29.99	0.00	50	48	95	15	0	0
06	0	30.28	0.00	43	42	97	02	0	0	0	30.25	0.00	47	46	97	25	0	0	0	29.98	0.00	49	48	96	15	0	0
09	403	30.31	0.00	59	57	94	02	0	0	234	30.25	0.00	57	56	97	25	0	0	387	29.97	0.00	61	56	84	15	0	0
12	308	30.30	0.00	71	54	55	26	0	1	724	30.20	0.00	72	58	63	21	0	1	726	29.93	0.00	69	53	58	20	0	0
15	596	30.25	0.00	76	54	46	25	0	5	406	30.15	0.00	70	56	62	17	0	9	642	29.88	0.00	73	49	44	03	0	1
18	178	30.24	0.00	75	56	53	25	0	0	98	30.13	0.00	64	50	61	20	0	8	160	29.86	0.00	70	53	55	02	0	0
21	0	30.25	0.00	53	51	93	25	0	0	0	30.09	0.00	55	47	76	17	0	0	0	29.85	0.00	50	48	92	02	0	0
AUG 31																											
00	0	29.82	0.00	48	48	98	02	0	0																		
03	0	29.79	0.00	51	49	91	21	0	1																		
06	0	29.78	0.00	54	51	91	23	0	2																		
09	299	29.85	0.00	57	56	95	02	0	0																		
12	84	29.87	0.00	61	56	85	31	3	10																		
15	158	29.87	0.00	62	53	72	29	3	14																		
18	83	29.92	0.00	55	48	78	33	0	19																		
21	0	29.96	0.00	50	44	80	32	0	9																		

WEATHER NOTES

NOTES:
 Units: 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

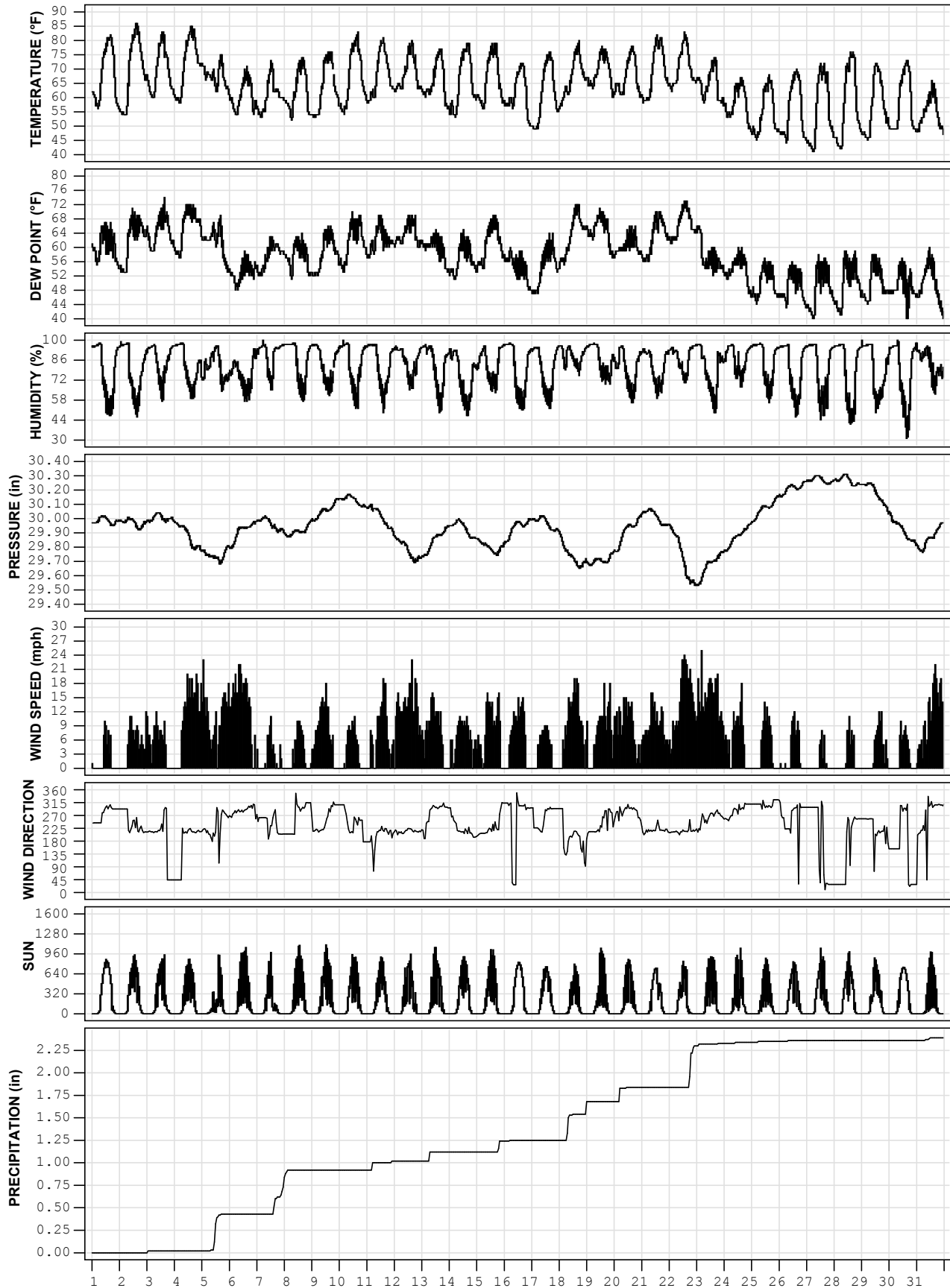
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
00	0	29.948	58	56	92	0.3	24	0.3
03	0	29.941	57	55	94	0.3	24	0.3
06	4	29.954	56	54	94	0.2	28	0.2
09	342	29.975	65	60	86	1.6	25	1.0
12	591	29.964	72	62	70	1.5	26	1.1
15	601	29.935	74	61	65	1.3	26	1.0
18	107	29.922	71	61	70	0.7	27	0.5
21	0	29.948	60	56	89	0.4	25	0.4

HOURLY PRECIPITATION (Water Equivalent) August 2017: Westford

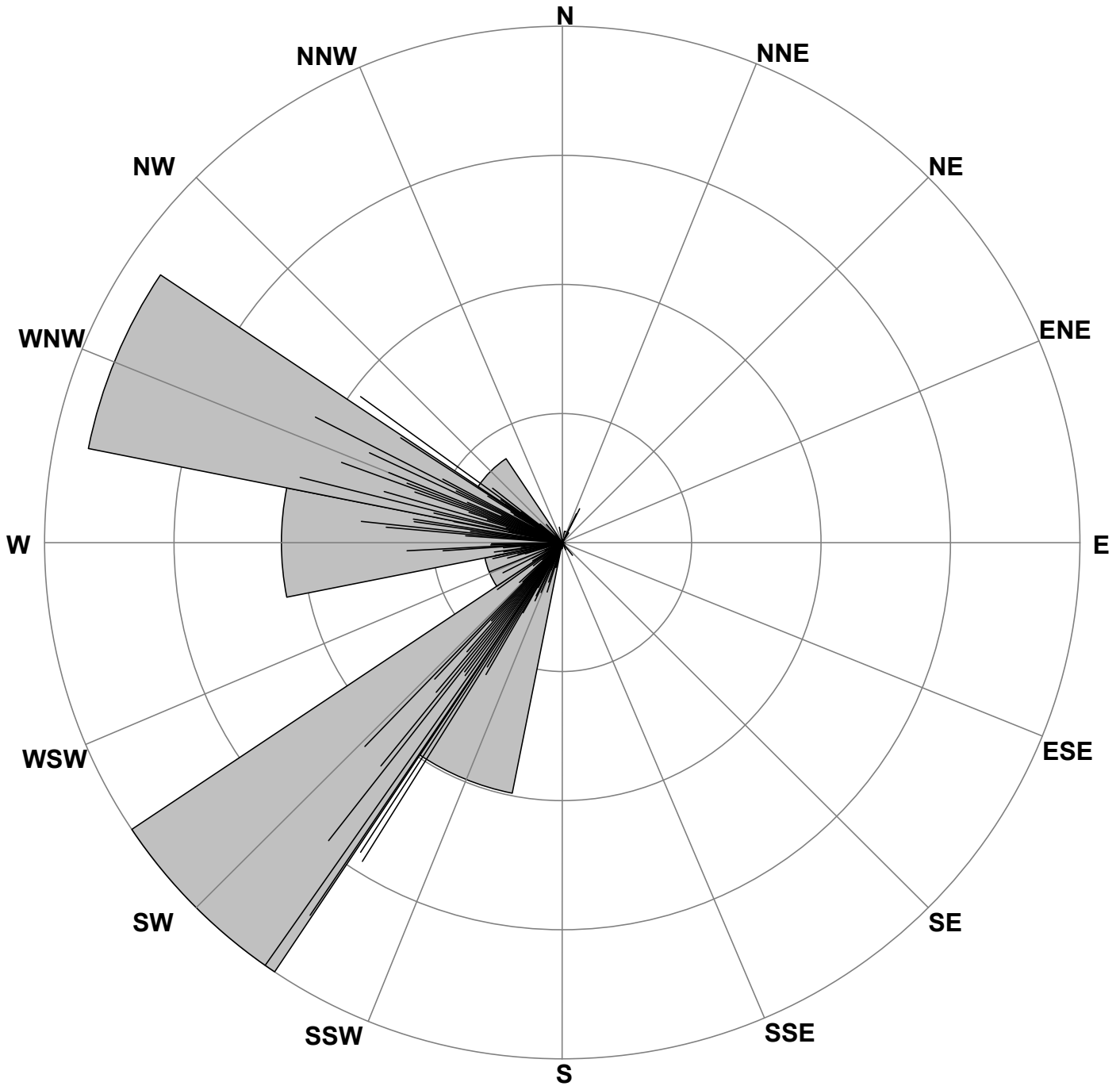
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03	0.02																								03
04																									04
05							0.01			0.09	0.20	0.07	0.01	0.02		0.01									05
06																									06
07														0.09	0.08		0.02			0.02	0.04	0.05	0.11		07
08	0.04	0.02	0.02																						08
09																									09
10																									10
11					0.08																0.02				11
12																									12
13							0.10																		13
14																									14
15																		0.04	0.08						15
16					0.01																				16
17																									17
18							0.08	0.17	0.03			0.01											0.14		18
19																									19
20					0.15						0.01														20
21																									21
22																	0.12	0.26		0.06	0.02				22
23		0.02															0.01								23
24									0.01																24
25					0.01																				25
26																									26
27																									27
28																									28
29																									29
30																									30
31										0.01		0.01	0.01												31
Sum	0.06	0.04	0.02	0.00	0.24	0.01	0.18	0.20	0.03	0.01	0.11	0.22	0.07	0.01	0.11	0.08	0.01	0.14	0.31	0.08	0.08	0.08	0.05	0.25	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 August 2017: Westford



**Wind Rose: August 2017
Westford**



**Maximum direction of wind: 25.9 miles from 215°
Maximum sector of wind: 158.6 miles from SW
534.2 total miles of wind**