

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

September 2018

Station: Westford

Latitude: 44° 37' 38" N Longitude: 73° 02' 29" W Elevation (Ground): 850 feet Time Zone: Eastern

Date	Temperature					Humidity Mean	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		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	76.4	61.5	69.0	68.1	61	79	0	4	.....	0	0.00	0.0	30.24	30.12	30.191	1.6	1.6	217	24	SW	10	230	212
2	79.5	62.5	71.0	70.9	66	85	0	7	.....	0	0.00	0.0	30.15	30.04	30.097	1.3	1.3	215	16	S	7	216	158
3	88.8	67.3	78.1*	76.4	71	83	0	13	.....	0	0.30	0.0	30.12	29.99	30.072	0.9	0.9	228	21	W	8	212	191
4	78.9	56.7	67.8	68.7	62	82	0	3	.....	0	0.00	0.0	30.23	30.11	30.180	0.1	0.1	300	11	NW	4	302	211
5	89.0*	57.3	73.1	74.1	66	78	0	8	.....	0	0.00	0.0	30.18	29.98	30.085	0.9	0.9	216	16	SSW	8	214	202
6	76.8	50.8	63.8	68.8	64	84	1	0	.....	0	0.04	0.0	30.17	29.95	30.045	0.5	0.3	232	14	SW	6	302	112
7	74.0	47.8	60.9	58.4	52	81	4	0	.....	0	0.00	0.0	30.20	30.08	30.146	0.1	0.1	274	13	W	6	261	182
8	63.6	39.3	51.4	52.2	43	74	13	0	.....	0	0.00	0.0	30.27	30.11	30.191	0.4	0.4	14	14	N	6	19	221
9	62.3	34.9	48.6	47.9	41	80	16	0	.....	0	0.00	0.0	30.33	30.26	30.287	0.0	0.0	34	8	NNE	3	24	174
10	60.3	41.0	50.6	51.0	46	85	14	0	.....	0	0.10	0.0	30.32	30.13	30.258	0.3	0.3	180	15	SSW	7	203	73
11	72.1	54.9	63.5	62.2	59	90	1	0	.....	0	0.54	0.0	30.17	30.07	30.108	0.2	0.2	220	13	WSW	4	217	127
12	74.1	59.8	66.9	65.6	62	88	0	2	.....	0	T	0.0	30.25	30.17	30.221	0.0	0.0	318	6	NW	1	316	99
13	79.8	53.5	66.7	63.5	59	87	0	2	.....	0	0.00	0.0	30.29	30.21	30.237	0.1	0.1	296	10	WNW	6	294	125
14	83.2	53.4	68.3	65.7	59	81	0	3	.....	0	0.01	0.0	30.24	30.11	30.182	0.0	0.0	249	11	W	4	277	200
15	84.8	57.7	71.3	69.2	64	85	0	7	.....	0	0.00	0.0	30.16	30.09	30.126	0.1	0.1	218	11	SSW	4	218	162
16	85.0	62.1	73.5	71.0	66	85	0	9	.....	0	0.01	0.0	30.18	30.09	30.129	0.0	0.0	296	7	NW	2	296	168
17	83.1	64.5	73.8	71.9	65	81	0	9	.....	0	0.00	0.0	30.09	29.82	29.943	1.0	1.0	218	16	WSW	7	211	175
18	79.6	54.0	66.8	68.3	64	87	0	2	.....	0	0.00	0.0	29.83	29.67	29.737	0.2	0.1	257	11	SSW	3	199	106
19	64.6	49.6	57.1	54.5	51	87	7	0	.....	0	0.00	0.0	30.11	29.79	29.969	0.1	0.0	345	12	NW	3	296	111
20	61.7	46.0	53.9	54.2	51	91	11	0	.....	0	0.00	0.0	30.24	30.10	30.176	0.0	0.0	226	8	S	3	197	73
21	66.4	51.6	59.0	60.7	58	92	6	0	..3.....	0	1.20	0.0	30.19	29.63	29.907	3.0	3.0	210	32	SW	13	210	25	
22	64.7	37.6	51.1	52.6	45	76	13	0	.....	0	0.00	0.0	30.21	29.67	30.056	1.5	1.4	296	30	W	15	299	164
23	63.8	34.3*	49.0	47.6	42	81	16	0	.....	0	0.00	0.0	30.38	30.18	30.242	0.1	0.1	287	10	W	5	293	160
24	62.0	40.4	51.2	48.9	42	78	14	0	.....	0	0.00	0.0	30.54	30.38	30.475	0.2	0.1	188	11	SSW	5	219	169
25	57.5	46.3	51.9	51.3	46	84	13	0	.....	0	0.20	0.0	30.47	29.98	30.258	1.2	1.1	194	21	SSE	8	203	63
26	70.6	56.3	63.4	65.0	63	93	1	0	.....	0	0.71	0.0	29.98	29.66	29.808	3.0	2.8	222	26	S	11	211	38
27	63.3	45.2	54.3	53.9	49	84	11	0	.....	0	0.00	0.0	30.15	29.94	30.073	0.0	0.0	305	10	WNW	5	306	129
28	67.0	49.5	58.3	56.2	52	87	6	0	.....	0	0.15	0.0	30.08	29.95	30.010	0.7	0.7	216	14	S	6	204	145
29	63.9	45.1	54.5	53.0	46	79	10	0	.....	0	0.00	0.0	30.21	29.98	30.117	0.9	0.7	276	21	W	9	305	121
30	55.2	40.5	47.9*	48.3	44	86	17	0	.....	0	0.00	0.0	30.29	30.21	30.250	0.2	0.2	247	11	W	5	267	72
Sum	Sum	-----	-----	---	----	Ttl	Ttl						Total	Total	For the month:						---			
2152	1521					174	69		Number of Days				3.26	0.0	30.54	29.63	30.119	0.6	0.5	226	32	SW	15	299
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip				Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg		
71.7	50.7	61.2	60.7	55	83.8	----	----		≥.01 inch	10			27.84	0.0	24	21	-----	----	----	---	21	22	139	
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			189	205	Thunder	1	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	1.20	21	0.0	-	0			-							
0	0	0	0	----	----			Clear	5	Partly Cloudy		14	Cloudy		10									

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 W/m² 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 2018: Westford

Hour	SEP 01									SEP 02									SEP 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
00	0	30.23	0.00	62	58	86	18	0	0	0	30.13	0.00	66	62	87	15	0	9	0	30.08	0.00	72	69	89	22	3	10
03	0	30.22	0.00	64	59	85	21	1	6	0	30.12	0.00	65	62	90	22	0	7	0	30.08	0.00	71	69	91	22	1	7
06	0	30.23	0.00	63	59	87	21	0	0	0	30.12	0.00	63	61	94	21	1	7	0	30.09	0.00	70	68	93	21	1	9
09	343	30.23	0.00	68	61	79	22	4	14	297	30.13	0.00	70	66	86	21	1	10	357	30.11	0.00	76	71	85	21	3	12
12	687	30.21	0.00	73	63	71	21	8	18	610	30.10	0.00	78	69	74	20	0	14	661	30.08	0.00	84	74	72	20	1	13
15	594	30.20	0.00	75	65	70	21	3	18	315	30.07	0.00	77	69	77	23	3	13	471	30.01	0.31	83	76	78	24	1	12
18	153	30.13	0.00	74	64	71	21	3	10	113	30.05	0.00	76	69	78	21	0	10	23	30.00	0.00	83	73	70	26	1	12
21	0	30.14	0.00	66	62	86	21	1	7	0	30.07	0.00	72	68	86	20	0	10	0	30.10	0.15	71	69	93	29	0	6
SEP 04									SEP 05									SEP 06									
00	0	30.12	0.00	68	66	95	26	0	0	0	30.18	0.00	57	56	95	02	0	0	0	29.98	0.00	77	70	81	20	1	11
03	0	30.12	0.00	65	64	96	26	0	0	0	30.15	0.00	58	57	96	02	0	0	0	29.95	0.00	75	70	85	21	1	9
06	0	30.16	0.00	66	65	97	34	0	0	0	30.15	0.00	63	59	88	19	0	0	0	29.97	0.00	73	70	92	22	0	7
09	415	30.22	0.00	69	67	96	03	0	0	366	30.15	0.00	72	66	81	21	2	9	19	30.01	0.05	70	68	94	29	2	7
12	689	30.23	0.00	76	64	66	30	1	10	652	30.12	0.00	82	70	67	25	2	10	311	30.07	0.00	69	64	84	05	1	6
15	517	30.21	0.00	77	59	54	29	0	6	561	30.05	0.00	88	71	58	21	3	10	570	30.06	0.00	72	62	70	05	0	6
18	169	30.17	0.00	76	61	61	02	0	0	137	29.99	0.00	87	72	63	21	1	11	88	30.09	0.00	67	59	74	06	0	6
21	0	30.18	0.00	59	56	90	02	0	0	0	29.99	0.00	78	71	79	22	1	8	0	30.15	0.00	56	53	92	05	0	0
SEP 07									SEP 08									SEP 09									
00	0	30.17	0.00	51	49	95	05	0	0	0	30.12	0.00	52	50	91	04	0	0	0	30.27	0.00	40	39	94	03	0	0
03	0	30.17	0.00	49	48	96	05	0	0	0	30.12	0.00	50	48	93	04	0	6	0	30.27	0.00	37	36	95	03	0	0
06	0	30.18	0.00	48	47	96	05	0	0	0	30.18	0.00	46	43	88	03	0	5	0	30.28	0.00	35	34	95	03	0	0
09	352	30.19	0.00	58	57	97	05	0	0	380	30.21	0.00	54	42	63	05	0	8	367	30.32	0.00	48	45	91	11	0	3
12	301	30.16	0.00	67	56	68	28	0	7	677	30.21	0.00	59	42	54	30	0	8	717	30.31	0.00	58	47	65	30	0	5
15	311	30.11	0.00	70	52	52	30	0	12	605	30.18	0.00	63	45	52	02	1	7	462	30.28	0.00	61	44	53	05	0	6
18	141	30.08	0.00	69	55	61	04	1	8	141	30.19	0.00	59	45	59	05	0	1	84	30.26	0.00	60	49	67	03	0	0
21	0	30.12	0.00	53	49	87	04	0	0	0	30.24	0.00	42	39	91	03	0	0	0	30.30	0.00	45	43	91	03	0	0
SEP 10									SEP 11									SEP 12									
00	0	30.32	0.00	42	41	93	03	0	0	0	30.13	0.00	56	53	90	21	0	10	0	30.17	0.00	62	60	95	08	0	0
03	0	30.31	0.00	41	40	95	03	0	0	0	30.10	0.12	55	54	95	23	0	0	0	30.19	0.00	61	60	96	08	0	0
06	0	30.30	0.00	41	40	96	03	0	0	0	30.08	0.00	55	54	96	22	0	0	0	30.22	0.00	60	59	96	08	0	0
09	156	30.31	0.00	53	45	74	12	0	0	146	30.09	0.00	59	58	96	18	0	8	214	30.25	0.00	65	62	89	08	0	0
12	255	30.29	0.00	59	47	65	10	0	1	383	30.09	0.00	67	63	85	24	1	7	473	30.25	0.00	71	64	79	25	0	0
15	123	30.25	0.00	60	49	68	09	0	6	686	30.09	0.00	70	64	80	20	0	0	243	30.22	0.00	74	65	75	31	0	0
18	25	30.21	0.00	54	51	90	11	0	0	123	30.10	0.00	71	64	80	03	0	0	35	30.22	0.00	70	65	83	31	0	0
21	0	30.19	0.00	53	51	94	13	0	8	0	30.16	0.00	63	61	92	08	0	0	0	30.22	0.00	62	60	93	31	0	0
SEP 13									SEP 14									SEP 15									
00	0	30.24	0.00	60	58	95	31	0	0	0	30.22	0.00	58	57	96	30	0	0	0	30.14	0.00	58	55	91	16	0	0
03	0	30.24	0.00	57	56	96	31	0	0	0	30.22	0.00	55	55	100	30	0	0	0	30.12	0.00	61	58	91	21	0	0
06	0	30.26	0.00	54	53	96	31	0	0	0	30.22	0.00	54	53	97	30	0	0	0	30.14	0.00	62	60	95	22	0	0
10										338	30.24	0.00	64	63	97	30	0	0	111	30.15	0.00	67	64	89	21	1	8
12										647	30.20	0.00	77	66	69	22	0	7	645	30.14	0.00	77	69	76	16	0	6
15	547	30.23	0.00	78	67	67	28	2	9	550	30.15	0.00	82	62	52	03	0	0	559	30.11	0.00	79	69	73	00	0	0
18	105	30.21	0.00	76	66	71	30	0	0	107	30.12	0.00	80	63	57	16	0	0	93	30.09	0.00	81	69	67	25	0	0
21	0	30.22	0.00	60	58	94	30	0	0	0	30.13	0.00	60	56	87	16	0	0	0	30.11	0.00	66	64	94	25	0	0
SEP 16									SEP 17									SEP 18									
00	0	30.12	0.00	65	64	96	25	0	0	0	30.09	0.00	65	64	96	28	0	0	0	29.83	0.00	67	64	90	22	0	5
03	0	30.12	0.00	63	62	96	25	0	0	0	30.05	0.00	65	64	96	19	0	3	0	29.78	0.00	66	64	94	21	1	8
06	0	30.13	0.00	63	62	96	25	0	0	0	30.02	0.00	67	65	95	21	0	7	0	29.74	0.00	65	64	95	22	0	0
09	290	30.17	0.00	70	69	97	25	0	0	125	30.02	0.00	71	67	89	23	1	14	93	29.72	0.00	68	66	95	24	0	0
12	735	30.17	0.00	80	71	74	07	0	0	613	29.96	0.00	81	68	65	22	2	12	272	29.70	0.00	75	68	77	30	0	6
15	519	30.13	0.00	83	68	62	29	0	5	512	29.88	0.00	83	65	56	22	5	13	330	29.69	0.00	79	70	73	30	0	6
18	84	30.10	0.00	82	69	65	34	0	0	56	29.83	0.00	75	65	70	21	1	9	77	29.70	0.00	73	66	78	32	0	4
21	0	30.10	0.00	66	64	93	34	0	0	0	29.82	0.00	68	62	81	28	0	8	0	29.77	0.00	61	59	93	02	0	0

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.18	0.24	0.24	0.25	0.29	0.40	0.52	0.64	0.75	0.79	0.82	1.05
Ended: Date	26	26	26	26	26	21	21	21	21	21	21	21
Ended: Time	1653	1656	1656	1656	1656	1123	1140	1138	1140	1139	1123	1140

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 2018: Westford

Hour	SEP 19									SEP 20									SEP 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	29.79	0.00	54	53	95	31	0	0	0	30.11	0.00	52	50	94	05	0	0	0	30.19	0.00	52	51	96	29	0	0
03	0	29.83	0.00	53	51	95	02	0	0	0	30.12	0.00	48	47	94	05	0	0	0	30.13	0.00	54	53	96	29	0	0
06	0	29.88	0.00	50	48	94	30	0	0	0	30.14	0.00	50	49	96	05	0	0	0	30.07	0.00	60	56	89	21	1	9
09	130	29.95	0.00	53	50	91	30	0	0	105	30.22	0.00	54	53	96	30	0	0	14	30.01	0.60	59	58	95	21	7	16
12	561	29.99	0.00	60	53	80	30	0	8	221	30.20	0.00	58	54	85	21	0	2	76	29.93	0.00	60	59	96	19	5	23
15	172	29.99	0.00	64	53	66	03	0	7	181	30.19	0.00	61	55	80	26	0	0	79	29.81	0.00	63	60	89	21	7	27
18	19	30.05	0.00	55	50	84	02	0	0	21	30.19	0.00	60	55	85	29	0	0	23	29.70	0.00	65	61	87	18	3	21
21	0	30.10	0.00	53	50	90	05	0	0	0	30.20	0.00	53	52	95	29	0	0	0	29.65	0.00	66	62	86	20	4	29
SEP 22									SEP 23									SEP 24									
00	0	29.67	0.00	64	63	95	21	4	15	0	30.19	0.00	38	36	95	05	0	0	0	30.38	0.00	43	38	84	05	0	7
03	0	29.78	0.00	62	54	74	32	3	13	0	30.20	0.00	36	35	96	05	0	0	0	30.42	0.00	42	39	88	03	0	0
06	0	29.95	0.00	55	46	74	31	5	19	0	30.22	0.00	35	34	96	05	0	0	0	30.46	0.00	42	37	82	07	0	0
09	332	30.10	0.00	52	43	70	34	3	16	292	30.24	0.00	46	45	97	23	0	0	294	30.53	0.00	47	40	76	09	0	2
12	668	30.16	0.00	56	44	64	27	0	1	610	30.23	0.00	59	46	62	29	1	5	596	30.51	0.00	57	44	63	06	0	6
15	385	30.16	0.00	57	43	58	31	0	5	260	30.20	0.00	61	47	62	32	0	6	141	30.47	0.00	60	47	62	17	0	1
18	46	30.16	0.00	54	43	68	05	0	0	42	30.24	0.00	56	48	73	03	0	0	30	30.48	0.00	54	45	74	18	0	3
21	0	30.19	0.00	40	38	93	05	0	0	0	30.32	0.00	49	45	85	01	1	7	0	30.49	0.00	45	42	91	15	0	1
SEP 25									SEP 26									SEP 27									
00	0	30.47	0.00	48	43	84	26	1	10	0	29.98	0.00	58	56	96	15	0	1	0	29.94	0.00	56	51	83	29	0	8
03	0	30.42	0.00	47	38	70	20	1	16	0	29.92	0.00	62	61	96	20	5	26	0	30.00	0.00	53	51	91	31	0	0
06	0	30.39	0.00	47	35	62	20	1	10	0	29.82	0.00	64	63	95	22	6	20	0	30.06	0.00	48	46	93	31	0	0
09	156	30.35	0.00	51	41	69	14	0	9	227	29.81	0.00	68	66	92	21	4	19	244	30.13	0.00	50	49	96	31	0	0
12	116	30.29	0.00	50	48	92	18	4	13	118	29.76	0.05	68	66	94	20	5	15	251	30.14	0.00	59	48	66	26	0	0
15	206	30.20	0.00	54	52	94	15	1	10	118	29.66	0.00	70	68	91	23	5	23	301	30.11	0.00	61	47	61	33	0	0
18	21	30.13	0.00	55	53	94	29	0	4	7	29.71	0.00	66	65	95	21	2	8	35	30.09	0.00	56	52	85	04	0	0
21	0	30.07	0.00	55	54	95	21	0	7	0	29.82	0.00	63	59	88	05	0	4	0	30.08	0.00	49	48	94	04	0	0
SEP 28									SEP 29									SEP 30									
00	0	30.03	0.00	50	48	96	04	0	0	0	29.98	0.00	53	51	93	16	0	12	0	30.21	0.00	49	43	80	28	0	0
03	0	30.07	0.05	52	50	96	04	0	0	0	30.07	0.00	51	48	91	31	3	10	0	30.23	0.00	48	45	88	22	0	6
06	0	30.05	0.00	53	51	96	20	0	0	0	30.10	0.00	49	47	92	29	0	0	0	30.26	0.00	41	40	94	23	0	0
09	51	30.03	0.00	52	51	96	20	0	0	287	30.13	0.00	51	49	94	26	0	7	95	30.28	0.00	47	45	93	22	0	5
12	677	30.00	0.00	62	55	77	21	1	9	766	30.14	0.00	59	48	67	31	3	11	246	30.28	0.00	52	47	81	23	2	9
15	503	29.96	0.00	67	56	69	22	0	9	540	30.12	0.00	64	47	54	27	1	6	631	30.26	0.00	54	46	74	26	0	0
18	21	29.96	0.00	60	53	78	21	4	11	42	30.14	0.00	57	48	70	29	0	7	23	30.24	0.00	52	47	82	30	0	0
21	0	29.99	0.00	53	51	91	20	3	9	0	30.18	0.00	50	43	75	29	1	10	0	30.23	0.00	48	44	86	09	0	0

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

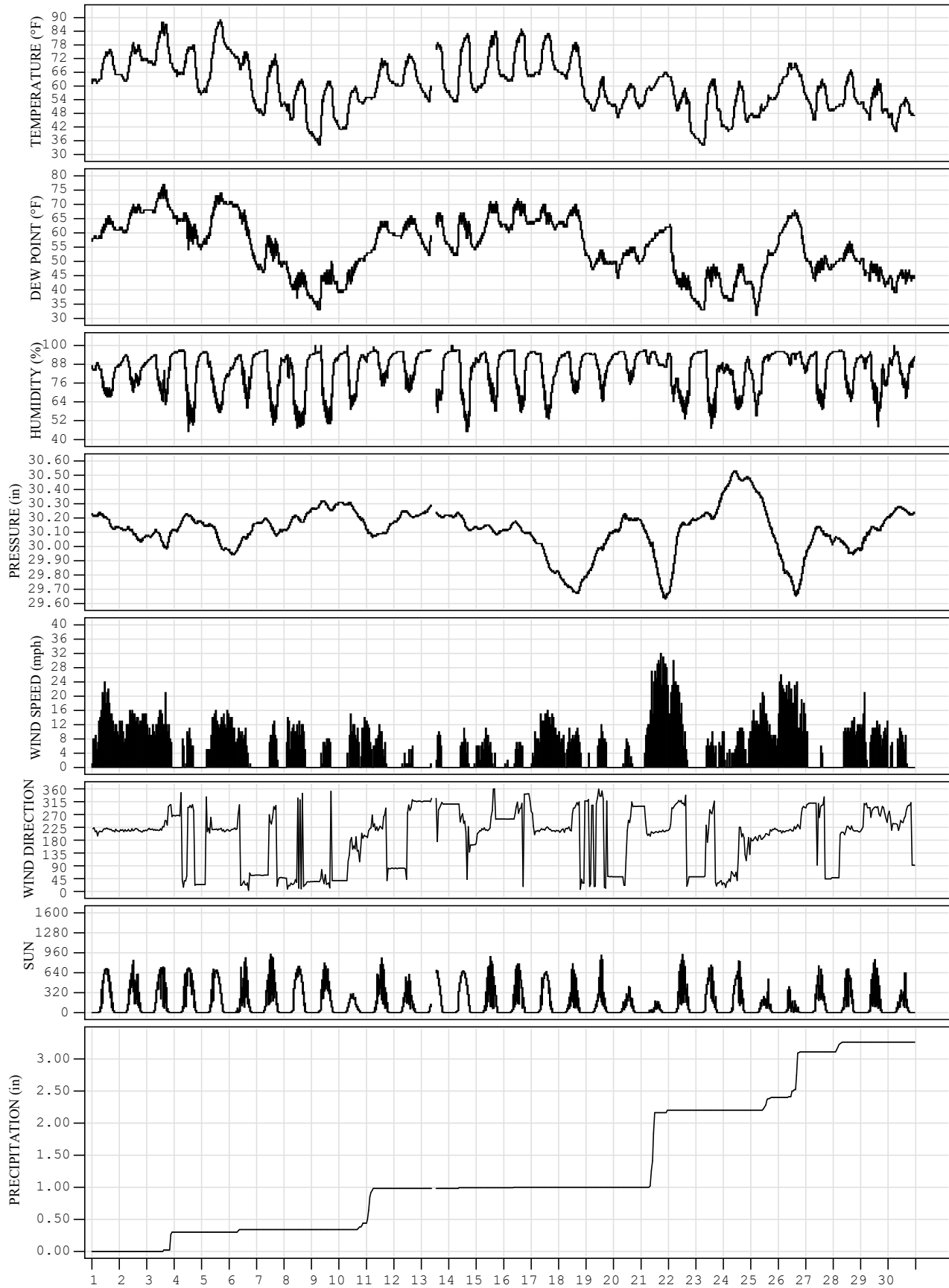
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
00	0	30.116	56	54	92	0.3	22	0.3
03	0	30.117	56	53	92	0.5	24	0.3
06	0	30.129	55	52	92	0.5	25	0.3
09	227	30.149	60	56	88	1.0	23	0.7
12	491	30.136	67	58	74	1.2	22	1.0
15	400	30.102	70	58	68	1.0	23	0.9
18	69	30.088	67	58	75	0.5	21	0.5
21	0	30.111	57	54	90	0.4	22	0.3

HOURLY PRECIPITATION (Water Equivalent) September 2018: Westford

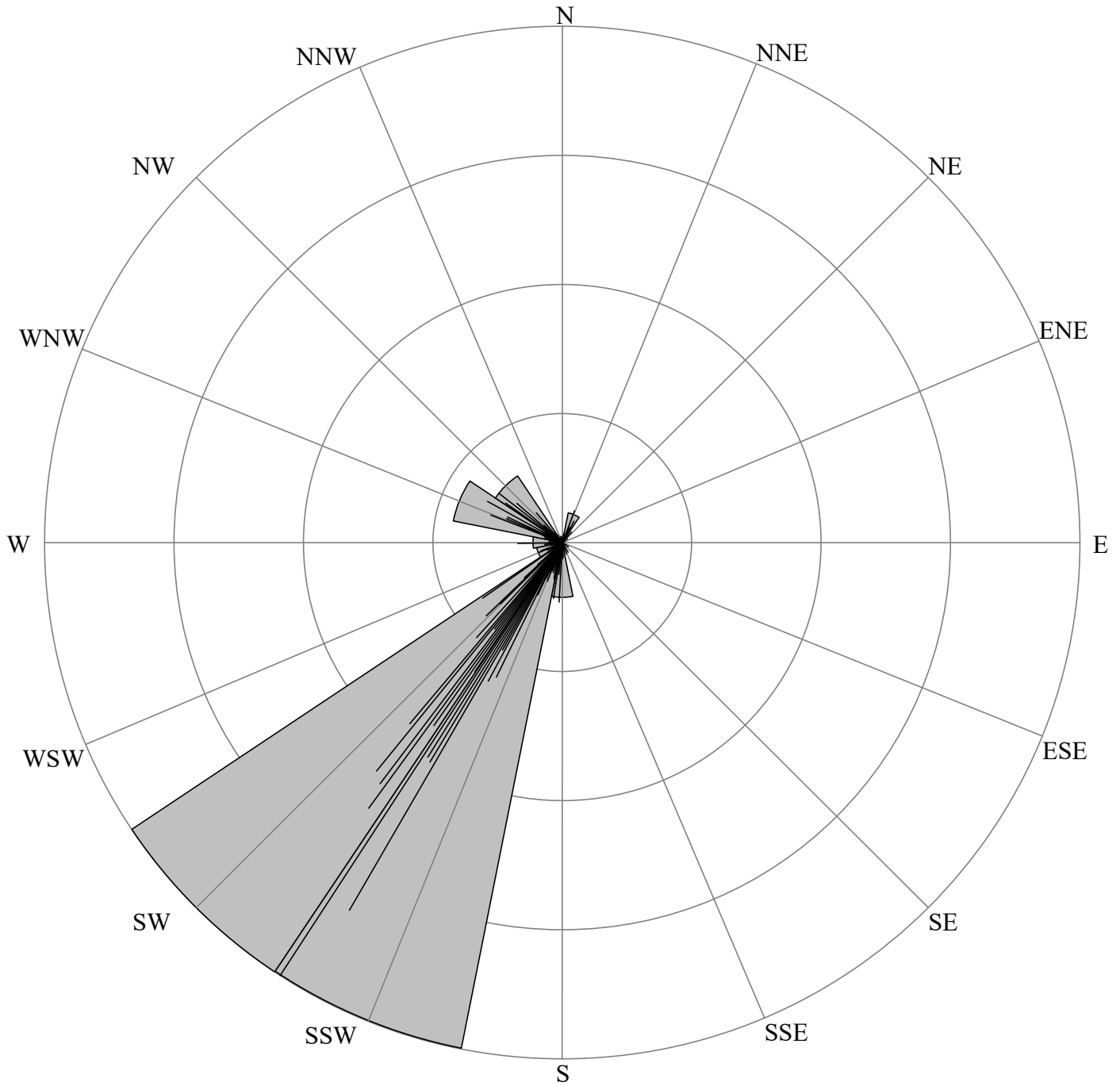
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03																									03
04																									04
05																									05
06																									06
07																									07
08																									08
09																									09
10																									10
11	0.06	0.14	0.21	0.07	0.03	0.03																			11
12																									12
13																									13
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28																									28
29																									29
30																									30
Sum	0.06	0.14	0.24	0.11	0.07	0.05	0.01	0.05	0.29	0.15	0.45	0.44	0.03	0.10	0.04	0.22	0.38	0.04	0.01	0.02	0.28	0.04	0.04	0.00	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 2018: Westford



Wind Rose: September 2018
Westford



Maximum direction of wind: 38.1 miles from 213°
Maximum sector of wind: 165.8 miles from SW
447.0 total miles of wind