

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

July 2020

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	Res	Res	Peak		2 Minute		
																			Speed	Dir	Speed		Dir	Speed	Dir
1	2	3	4A	4B	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	78.2	61.3	69.7	68.6	66	91	0	5	..3.....	0	0.03	0.0	29.89	29.78	29.835	0.3	0.3	283	10	W	5	274	162
2	85.2	62.8	74.0	73.5	68	84	0	9	.....	0	0.00	0.0	29.79	29.70	29.743	0.8	0.6	208	14	W	5	272	229
3	82.5	59.3	70.9	72.0	67	85	0	6	.....	0	0.00	0.0	29.84	29.75	29.803	0.3	0.3	282	14	W	5	269	218
4	84.1	58.5	71.3	70.0	60	73	0	7	.....	0	0.00	0.0	29.90	29.83	29.864	0.6	0.5	263	14	W	6	270	305
5	81.7	54.4	68.0	69.3	59	72	0	3	.....	0	T	0.0	29.94	29.84	29.880	0.2	0.2	261	9	W	5	259	226
6	84.1	51.3*	67.7	67.9	56	71	0	3	.....	0	0.01	0.0	30.06	29.94	30.016	0.4	0.3	285	10	WSW	5	263	307
7	86.6	53.2	69.9	72.0	64	77	0	5	.....	0	0.00	0.0	30.04	29.89	29.972	2.1	2.1	181	19	S	8	203	272
8	88.4	66.0	77.2	74.1	69	84	0	12	..3.....	0	1.19	0.0	29.91	29.76	29.854	2.2	2.0	186	20	W	11	272	238
9	91.1*	64.6	77.8	76.6	70	82	0	13	.....	0	0.00	0.0	29.94	29.86	29.894	0.7	0.7	182	11	SSE	6	175	272
10	90.2	66.9	78.5	79.0	70	76	0	14	.....	0	0.00	0.0	29.93	29.77	29.867	0.9	0.8	156	14	ESE	6	179	262
11	84.1	69.5	76.8	74.7	71	88	0	12	.....	0	0.87	0.0	29.77	29.47	29.543	1.2	1.1	175	20	SE	7	167	91
12	78.5	63.6	71.0	71.4	68	91	0	7	.....	0	0.25	0.0	29.68	29.41	29.529	1.8	1.7	246	17	WSW	9	256	144
13	78.6	61.0	69.8	69.2	65	88	0	5	.....	0	0.00	0.0	29.82	29.67	29.732	0.2	0.2	310	10	NNE	4	268	186
14	74.0	60.3	67.1	66.8	64	91	0	2	.....	0	0.00	0.0	30.06	29.80	29.927	0.4	0.3	334	10	NNE	6	20	111
15	79.7	55.7	67.7	66.8	61	84	0	3	.....	0	0.00	0.0	30.17	30.05	30.131	0.3	0.2	277	10	WNW	5	94	228
16	77.4	61.1	69.3	69.8	64	83	0	4	.....	0	0.00	0.0	30.19	30.06	30.142	1.9	1.9	178	21	SSE	9	171	174
17	81.8	60.5	71.2	68.0	64	87	0	7	.....	0	0.33	0.0	30.06	29.93	29.970	2.8	2.8	177	28	S	12	170	114
18	87.4	63.3	75.4	74.1	67	79	0	10	.....	0	0.01	0.0	30.00	29.86	29.939	1.1	1.0	215	13	S	7	273	267
19	90.0	65.0	77.5	76.3	69	79	0	13	.....	0	0.06	0.0	29.89	29.64	29.752	1.5	1.5	184	21	SSE	9	249	234
20	85.4	67.9	76.7	75.9	67	77	0	12	.....	0	0.09	0.0	29.84	29.66	29.719	2.3	2.1	238	18	W	9	211	251
21	78.9	57.4	68.2	69.0	62	79	0	3	.....	0	0.00	0.0	30.02	29.83	29.951	0.6	0.5	294	12	NW	6	268	261
22	77.1	54.9	66.0*	67.1	62	86	0	1	.....	0	0.00	0.0	30.04	29.89	29.976	0.2	0.1	189	10	SSE	3	177	144
23	79.8	62.9	71.4	70.7	67	90	0	7	..3.....	0	0.89	0.0	30.00	29.88	29.927	0.6	0.4	202	14	S	5	342	165
24	83.5	57.5	70.5	69.6	63	81	0	6	.....	0	0.00	0.0	30.10	30.00	30.049	0.0	0.0	297	7	N	2	25	279
25	85.0	55.4	70.2	70.9	62	75	0	5	.....	0	0.00	0.0	30.06	29.92	30.000	0.1	0.1	222	10	S	3	162	267
26	86.0	64.5	75.3	75.0	66	73	0	11	.....	0	T	0.0	29.93	29.72	29.816	2.2	2.1	203	19	WSW	9	243	175
27	87.0	70.2	78.6*	76.8	72	87	0	14	.....	0	0.90	0.0	29.72	29.56	29.639	1.9	1.7	212	16	W	8	213	149
28	84.4	65.8	75.1	75.3	67	78	0	10	.....	0	0.02	0.0	29.78	29.58	29.664	1.8	1.7	244	18	S	9	267	247
29	81.6	60.3	70.9	69.3	64	85	0	6	..3.....	0	0.10	0.0	29.84	29.73	29.788	0.6	0.5	180	15	SSE	6	178	156
30	81.6	58.9	70.3	68.7	64	86	0	6	..3.....	0	0.04	0.0	29.82	29.75	29.778	0.7	0.6	231	12	W	6	265	248
31	81.3	55.9	68.6	67.8	62	83	0	4	.....	0	0.00	0.0	29.86	29.79	29.817	0.3	0.2	292	10	W	5	268	261
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		Total	Total	For the month:										---	
2575	1890					0	225			4.79	0.0	30.19	29.41	29.855	1.0	0.8	209	28	S	12	170		
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg			
83.1	61.0	72.0	71.5	65	82.0	----	----	≥.01 inch	14	24.35	0.0	16	12	-----	----	----	---	17	17	214			
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			0	377	Thunder	5	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	1.19	8	0.0	-												
3	0	0	0	----	----	Clear	6	Partly Cloudy	21	Cloudy	4												

NOTES:
 Units: Temperature=°F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.
 Column 4A: value is (MAX+MIN) ÷ 2.
 Data in columns 4B, 5, 6, 15, 16, 23 are updated continuously, there by achieving a "true" mean.
 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.

OBSERVATIONS AT 3-HOUR INTERVALS

July 2020: Westford

Hour	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	Wind		
							Direction	Speed	Gust							Direction	Speed	Gust							Direction	Speed	Gust
JUL 01									JUL 02									JUL 03									
00	0	29.88	0.00	62	61	96	33	0	0	0	29.79	0.00	64	63	96	24	0	0	0	29.75	0.00	68	66	92	27	0	0
03	0	29.85	0.00	63	62	98	33	0	0	0	29.77	0.00	63	63	98	22	0	3	0	29.77	0.00	68	67	97	27	0	0
06	11	29.86	0.00	63	63	98	33	0	0	35	29.76	0.00	64	63	98	15	0	4	14	29.78	0.00	68	67	97	28	0	0
09	193	29.87	0.00	65	65	97	29	0	1	529	29.75	0.00	74	68	83	18	2	8	213	29.82	0.00	71	68	92	26	2	6
12	450	29.86	0.00	73	69	89	26	0	8	854	29.73	0.00	83	71	68	23	3	7	939	29.83	0.00	80	72	77	26	1	6
15	559	29.82	0.05	73	69	87	35	0	4	271	29.71	0.00	84	74	72	27	0	8	888	29.81	0.00	80	73	77	25	1	6
18	279	29.79	0.00	78	70	75	25	1	3	176	29.71	0.00	80	71	74	25	1	4	202	29.80	0.00	82	69	67	33	0	2
21	0	29.79	0.00	70	67	92	25	0	0	0	29.74	0.00	74	67	78	27	2	10	0	29.82	0.00	65	60	84	29	0	0
JUL 04									JUL 05									JUL 06									
00	0	29.84	0.00	60	58	93	29	0	0	0	29.87	0.00	65	57	77	28	0	0	0	29.94	0.00	59	56	92	00	0	0
03	0	29.85	0.00	61	60	97	28	0	1	0	29.86	0.00	63	56	80	27	0	1	0	29.96	0.00	54	53	95	00	0	0
06	21	29.86	0.00	59	58	98	26	0	0	18	29.88	0.00	55	52	90	27	0	0	19	30.00	0.00	51	50	96	15	0	0
09	547	29.89	0.00	72	66	81	25	1	6	192	29.89	0.00	72	60	68	25	0	0	550	30.05	0.00	72	59	65	02	0	3
12	889	29.90	0.00	78	64	61	25	3	8	872	29.89	0.00	79	58	48	30	0	4	884	30.05	0.00	79	57	47	27	2	6
15	812	29.86	0.00	83	58	43	32	0	9	436	29.86	0.00	81	64	57	02	0	2	814	30.03	0.00	84	58	42	35	0	4
18	197	29.86	0.00	80	57	45	30	0	4	100	29.84	0.00	79	63	60	00	0	2	181	30.02	0.00	81	63	53	27	1	6
21	0	29.86	0.00	63	56	79	28	0	0	0	29.90	0.00	65	61	89	16	0	0	0	30.02	0.00	63	56	78	27	0	0
JUL 07									JUL 08									JUL 09									
00	0	30.04	0.00	56	53	90	27	0	0	0	29.91	0.00	73	66	79	18	3	11	0	29.87	0.00	66	65	96	16	0	8
03	0	30.03	0.00	54	52	93	27	0	0	0	29.88	0.00	70	66	88	17	6	15	0	29.88	0.00	66	65	97	18	0	5
06	26	30.04	0.00	62	60	91	17	3	9	16	29.88	0.00	70	67	90	19	2	14	30	29.91	0.00	67	66	97	18	0	0
09	536	30.02	0.00	74	66	77	18	5	15	399	29.88	0.00	75	70	85	18	5	11	506	29.93	0.00	77	73	88	19	3	9
12	844	29.99	0.00	81	70	68	20	4	11	503	29.84	0.00	83	74	76	17	3	11	896	29.92	0.00	86	76	73	18	2	6
15	640	29.94	0.00	86	72	63	22	3	9	944	29.79	0.00	88	75	66	23	3	13	311	29.89	0.00	90	73	58	08	1	9
18	109	29.91	0.00	80	68	66	21	3	11	223	29.83	0.00	72	68	89	12	0	2	151	29.86	0.00	84	74	72	18	0	0
21	0	29.90	0.00	75	66	74	16	2	11	0	29.85	0.00	68	65	92	15	0	5	0	29.88	0.00	73	68	85	23	0	0
JUL 10									JUL 11									JUL 12									
00	0	29.90	0.00	68	66	94	23	0	0	0	29.77	0.00	74	68	81	07	0	3	0	29.47	0.00	73	71	93	18	1	6
03	0	29.91	0.00	68	66	93	19	0	3	0	29.67	0.21	75	69	84	15	0	2	0	29.43	0.00	71	69	95	16	1	8
06	21	29.92	0.00	69	67	93	18	0	5	49	29.58	0.00	70	68	94	10	0	2	19	29.42	0.00	68	67	97	23	0	5
09	508	29.92	0.00	83	73	74	18	2	11	42	29.53	0.10	72	70	93	16	0	4	0	0	0	0	0	0	0	0	0
12	912	29.88	0.00	90	78	69	20	3	6	397	29.50	0.00	73	72	96	19	3	8	322	29.53	0.00	75	71	87	23	4	12
15	788	29.85	0.00	89	71	55	16	4	8	350	29.50	0.00	75	74	95	21	4	13	350	29.57	0.00	75	71	88	22	1	5
18	174	29.82	0.00	85	73	68	18	0	0	125	29.48	0.00	83	72	70	16	4	20	352	29.60	0.00	77	69	75	25	4	11
21	0	29.80	0.00	76	67	75	10	0	3	0	29.50	0.00	76	71	85	19	0	4	0	29.64	0.00	67	64	91	04	0	0
JUL 13									JUL 14									JUL 15									
00	0	29.68	0.00	64	63	97	04	0	0	0	29.81	0.00	64	63	96	27	0	0	0	30.06	0.00	61	60	97	33	0	0
03	0	29.67	0.00	62	62	97	04	0	0	0	29.83	0.00	63	62	95	20	0	1	0	30.09	0.00	58	58	97	32	0	0
06	19	29.70	0.00	62	62	98	04	0	0	7	29.86	0.00	64	63	96	25	3	7	12	30.13	0.00	57	56	98	32	0	0
10	288	29.72	0.00	70	67	91	04	0	0	76	29.90	0.00	66	63	92	34	0	3	255	30.16	0.00	62	61	96	25	1	6
12	148	29.74	0.00	78	70	77	28	1	9	105	29.93	0.00	71	66	85	30	0	9	953	30.15	0.00	74	65	73	28	0	4
15	199	29.74	0.00	77	69	75	36	0	5	230	29.97	0.00	69	66	89	00	1	6	780	30.15	0.00	78	64	62	26	1	7
18	90	29.74	0.00	73	68	83	03	0	0	114	29.98	0.00	74	67	78	34	2	8	213	30.13	0.00	78	63	60	28	0	1
21	0	29.79	0.00	67	64	90	27	0	0	0	30.03	0.00	65	62	90	33	0	0	0	30.14	0.00	65	62	90	29	0	0
JUL 16									JUL 17									JUL 18									
00	0	30.15	0.00	62	60	94	09	0	0	0	30.06	0.00	67	62	82	17	3	16	0	29.99	0.00	65	63	93	18	0	1
03	0	30.17	0.00	61	60	94	12	1	4	0	30.02	0.00	67	60	78	16	5	18	0	29.99	0.00	65	64	95	19	0	3
06	12	30.18	0.00	66	63	90	11	0	5	0	29.97	0.00	61	60	96	14	2	13	18	29.98	0.00	64	62	96	17	0	5
09	114	30.19	0.00	71	65	81	23	1	16	56	29.97	0.00	62	58	87	18	7	23	512	29.98	0.00	76	70	81	18	0	8
12	795	30.17	0.00	76	70	81	17	3	14	97	29.95	0.00	65	62	88	18	5	14	831	29.96	0.00	82	69	66	25	4	11
15	348	30.13	0.00	76	67	74	18	5	12	315	29.95	0.00	72	69	88	19	0	8	942	29.91	0.00	86	68	55	25	3	10
18	69	30.10	0.00	72	65	79	17	2	9	341	29.94	0.00	80	72	76	25	0	7	104	29.88	0.00	84	71	64	24	0	5
21	0	30.08	0.00	70	64	81	12	0	6	0	29.96	0.00	68	65	91	28	0	0	0	29.87	0.00	70	63	79	13	0	2

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.90	0.91	0.91	0.91	0.91	0.91	0.93	0.93	0.93	0.93	0.93	0.93
Ended: Date	20	20	20	20	20	20	20	20	20	20	20	20
Ended: Time	0236	0236	0236	0236	0236	0236	0236	0236	0236	0236	0236	0236

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

July 2020: Westford

Hour	JUL 19									JUL 20									JUL 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	29.89	0.00	69	63	83	25	0	3	0	29.69	0.00	70	68	94	19	0	1	0	29.83	0.00	68	63	84	25	0	3
03	0	29.84	0.00	66	63	92	25	0	1	0	29.66	0.00	70	69	95	20	0	5	0	29.87	0.00	66	61	86	25	0	2
06	19	29.83	0.00	67	63	87	17	2	7	7	29.68	0.00	71	69	93	22	2	16	19	29.91	0.00	64	62	93	25	0	0
09	236	29.81	0.00	73	67	82	15	2	7	262	29.70	0.00	78	72	83	25	4	9	232	29.96	0.00	70	63	79	35	0	4
12	835	29.73	0.00	85	74	68	17	4	13	853	29.72	0.00	82	68	64	25	6	14	868	29.98	0.00	75	65	72	26	1	9
15	682	29.69	0.00	89	73	60	20	4	13	786	29.72	0.00	85	65	51	26	8	14	875	29.98	0.00	77	65	67	28	2	8
18	134	29.65	0.00	86	75	70	17	0	1	102	29.74	0.00	79	65	64	23	2	9	306	29.98	0.00	75	64	67	27	0	7
21	0	29.64	0.00	74	72	91	17	0	0	0	29.78	0.00	73	63	70	18	0	8	0	30.00	0.00	61	57	85	35	0	0
JUL 22									JUL 23									JUL 24									
00	0	30.00	0.00	58	57	94	00	0	0	0	29.90	0.00	63	62	96	12	0	2	0	30.00	0.00	63	62	96	03	0	0
03	0	30.01	0.00	55	54	96	00	0	0	0	29.88	0.00	67	66	95	16	0	5	0	30.02	0.00	61	60	97	03	0	0
06	0	30.02	0.00	57	56	97	00	0	0	0	29.91	0.34	68	67	97	17	1	8	14	30.06	0.00	60	59	98	03	0	0
09	350	30.01	0.00	67	62	85	35	0	0	209	29.92	0.00	69	69	98	22	0	4	510	30.08	0.00	71	66	85	34	0	0
12	388	30.00	0.00	76	67	73	32	0	31	062	29.92	0.00	76	72	88	24	3	6	557	30.09	0.00	77	65	67	25	0	3
15	174	29.97	0.00	77	68	74	22	0	2	272	29.92	0.00	77	70	81	29	1	7	796	30.05	0.00	81	60	49	06	0	5
18	153	29.91	0.00	76	68	77	17	1	6	253	29.93	0.00	77	69	78	20	0	8	174	30.02	0.00	80	68	66	27	0	1
21	0	29.90	0.00	70	66	88	12	0	0	0	29.97	0.00	66	63	91	03	0	0	0	30.03	0.00	64	60	87	28	0	0
JUL 25									JUL 26									JUL 27									
00	0	30.05	0.00	58	56	95	28	0	0	0	29.93	0.00	68	59	75	19	0	4	0	29.72	0.00	77	69	75	18	1	6
03	0	30.03	0.00	57	56	97	28	0	0	0	29.92	0.00	69	59	71	18	2	6	0	29.69	0.17	72	70	93	23	6	14
06	21	30.04	0.00	56	55	97	28	0	0	12	29.88	0.00	66	58	75	18	3	9	0	29.69	0.00	70	70	97	19	3	12
09	508	30.06	0.00	74	68	83	28	0	0	97	29.87	0.00	68	62	84	19	0	4	37	29.69	0.00	71	71	97	16	3	11
12	842	30.04	0.00	81	64	56	24	0	0	367	29.82	0.00	81	70	70	19	1	8	756	29.64	0.00	83	76	80	17	3	12
15	773	29.98	0.00	84	65	52	22	0	5	443	29.76	0.00	84	73	68	22	5	12	58	29.58	0.00	83	74	76	24	7	14
18	223	29.94	0.00	81	66	62	21	0	0	130	29.73	0.00	82	71	71	22	4	11	202	29.56	0.00	86	75	70	22	3	10
21	0	29.93	0.00	68	61	79	18	0	0	0	29.72	0.00	78	69	74	17	3	10	0	29.59	0.07	75	72	92	26	0	7
JUL 28									JUL 29									JUL 30									
00	0	29.60	0.00	72	71	97	25	0	1	0	29.78	0.00	66	61	84	18	0	6	0	29.78	0.00	65	64	97	26	1	9
03	0	29.59	0.00	70	70	97	19	0	4	0	29.80	0.00	63	59	88	17	0	4	0	29.77	0.00	62	61	97	13	0	0
06	5	29.61	0.00	71	69	96	22	0	0	11	29.82	0.00	61	59	93	17	0	0	11	29.79	0.00	62	62	98	17	1	5
09	515	29.65	0.00	76	74	94	18	2	7	410	29.83	0.00	75	67	76	15	1	11	512	29.78	0.00	74	69	85	19	0	9
12	693	29.67	0.00	80	72	77	26	5	12	130	29.80	0.00	79	66	64	17	0	10	940	29.77	0.00	81	68	65	16	4	8
15	782	29.68	0.00	84	63	50	19	2	13	306	29.77	0.00	74	69	84	15	0	3	791	29.75	0.00	81	65	58	27	1	8
18	62	29.69	0.00	81	62	53	25	4	12	142	29.76	0.05	72	70	93	09	0	0	77	29.76	0.00	69	66	91	27	0	0
21	0	29.73	0.00	69	61	76	21	0	1	0	29.77	0.00	66	64	94	08	0	0	0	29.80	0.00	62	61	95	27	0	0
JUL 31																											
00	0	29.81	0.00	59	58	96	27	0	0																		
03	0	29.80	0.00	57	56	97	27	0	0																		
06	9	29.81	0.00	57	56	98	27	0	0																		
09	218	29.83	0.00	68	65	91	27	0	2																		
12	837	29.83	0.00	76	66	70	25	0	5																		
15	879	29.81	0.00	80	69	69	27	2	9																		
18	53	29.80	0.00	79	66	66	30	0	1																		
21	0	29.83	0.00	65	61	87	31	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 pulses from the electronic rain gauge and interpolating this rate for one hour.

SUMMARY BY HOUR

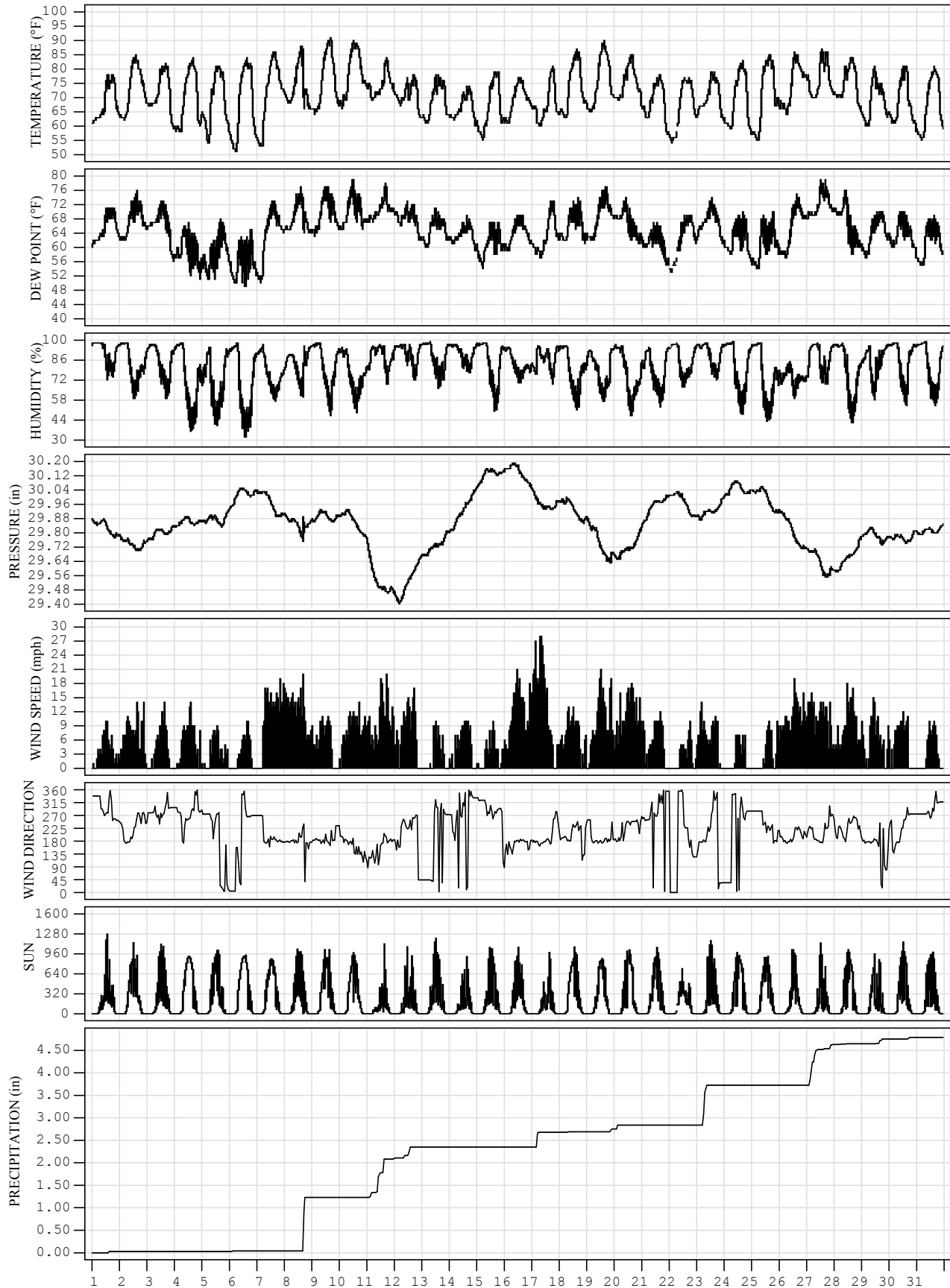
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
00	0	29.863	65	62	90	0.3	19	0.3
03	0	29.855	64	62	93	0.7	19	0.6
06	15	29.864	64	62	95	0.8	19	0.6
09	320	29.889	71	67	85	1.4	19	1.2
12	704	29.865	79	69	72	2.2	22	1.7
15	568	29.843	81	68	67	1.9	23	1.5
18	168	29.831	79	68	70	1.1	23	0.8
21	0	29.847	69	64	85	0.3	19	0.2

HOURLY PRECIPITATION (Water Equivalent) July 2020: Westford

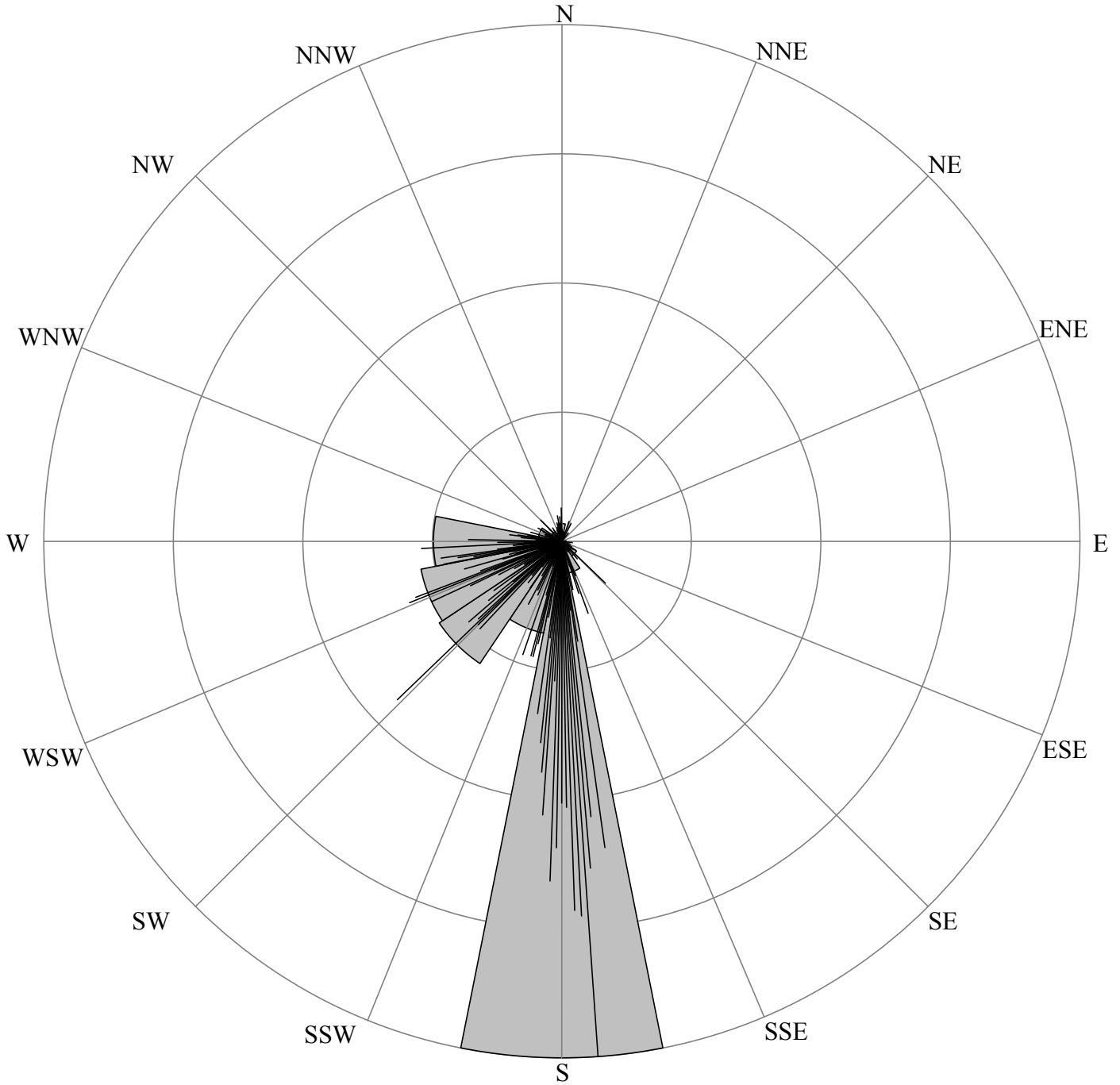
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																0.03								02	
03																								03	
04																								04	
05																								05	
06			0.01																					06	
07																								07	
08																0.85	0.34							08	
09																								09	
10																								10	
11			0.02	0.08	0.01			0.02	0.33	0.05	0.04												0.02	11	
12	0.01							0.05			0.01	0.08	0.10											12	
13																								13	
14																								14	
15																								15	
16																								16	
17				0.31	0.02																			17	
18							0.01																	18	
19																				0.03	0.03			19	
20			0.09																					20	
21																								21	
22																								22	
23						0.24	0.48	0.08	0.09															23	
24																								24	
25																								25	
26																								26	
27			0.11	0.21	0.19		0.15	0.10	0.02	0.01					0.01	0.01				0.08		0.01	27		
28					0.01						0.01													28	
29												0.01			0.06									29	
30																0.02	0.03							30	
31																	0.02							31	
Sum	0.01	0.00	0.23	0.29	0.51	0.27	0.63	0.19	0.18	0.34	0.06	0.05	0.09	0.10	0.34	0.07	0.87	0.39	0.00	0.00	0.11	0.03	0.01	0.02	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
July 2020: Westford



Wind Rose: July 2020
Westford



Maximum direction of wind: 36.4 miles from 176°
Maximum sector of wind: 338.5 miles from S
756.5 total miles of wind