

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### August 2020

Station: Westford

Latitude: 44° 37' 38" 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	Res	Res	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	86.2	57.0	71.6	70.6	63	79	0	7	.....	0	0.00	0.0	29.93	29.85	29.892	0.2	0.2	264	10	W	4	269	278	
2	81.0	60.5	70.8	70.5	66	87	0	6	..3.....	0	1.81	0.0	29.91	29.68	29.800	1.0	0.7	174	30	SW	19	259	106	
3	76.6	59.0	67.8	69.4	65	86	0	3	.....	0	0.02	0.0	30.01	29.68	29.844	2.3	2.0	222	23	SSE	12	235	107	
4	69.0	58.5	63.8	64.1	63	97	1	0	.....	0	2.51	0.0	30.01	29.48	29.843	1.1	0.6	296	26	W	11	282	44	
5	76.9	58.3	67.6	67.6	62	82	0	3	.....	0	0.10	0.0	29.99	29.69	29.869	2.8	2.5	222	21	WNW	11	269	197	
6	77.6	54.4	66.0	64.5	56	77	0	1	.....	0	0.00	0.0	30.12	29.98	30.057	1.3	1.2	239	14	WSW	8	269	251	
7	80.0	51.3	65.6	65.2	59	82	0	1	.....	0	0.00	0.0	30.16	30.08	30.120	0.0	0.0	249	9	W	3	269	202	
8	84.7	55.4	70.0	69.0	62	82	0	5	.....	0	0.00	0.0	30.13	30.02	30.083	0.1	0.1	258	11	WNW	4	261	255	
9	82.5	60.5	71.5	69.6	65	86	0	7	.....	0	0.02	0.0	30.04	29.95	29.998	0.4	0.4	210	14	SSE	5	175	149	
10	86.5	64.2	75.3	72.6	68	87	0	11	..3.....	0	0.03	0.0	29.97	29.85	29.919	0.6	0.6	216	15	WSW	8	255	215	
11	88.1*	67.3	77.7*	76.0	69	81	0	13	..3.....	0	0.26	0.0	29.88	29.74	29.821	2.1	2.0	183	20	S	10	269	245	
12	84.8	60.1	72.5	72.3	67	84	0	8	.....	0	0.03	0.0	30.05	29.82	29.957	0.7	0.7	250	13	NW	7	274	251	
13	84.1	57.5	70.8	69.3	63	83	0	6	.....	0	0.00	0.0	30.11	30.04	30.075	0.2	0.2	272	8	W	5	267	220	
14	80.6	56.7	68.6	67.9	61	81	0	4	.....	0	0.00	0.0	30.09	30.03	30.061	0.3	0.3	342	12	NNE	5	351	261	
15	83.3	52.4	67.9	67.9	60	79	0	3	.....	0	0.00	0.0	30.05	29.97	30.019	0.0	0.0	266	9	WNW	3	268	241	
16	80.7	56.1	68.4	68.0	60	78	0	4	.....	0	T	0.0	30.03	29.88	29.969	0.8	0.7	165	16	SSE	6	115	255	
17	76.6	55.0	65.8	65.1	61	88	0	1	.....	0	0.03	0.0	29.89	29.75	29.817	0.5	0.5	204	15	SSE	6	185	175	
18	73.5	54.6	64.0	63.5	60	89	0	0	..3.....	0	0.36	0.0	29.84	29.73	29.764	0.7	0.6	237	13	WSW	9	257	186	
19	70.4	51.4	60.9	59.9	56	87	4	0	.....	0	0.11	0.0	29.98	29.84	29.902	0.6	0.6	257	12	W	7	259	195	
20	72.8	48.4	60.6	60.6	54	82	4	0	.....	0	0.01	0.0	30.05	29.87	29.971	0.1	0.1	235	10	W	6	262	218	
21	73.7	58.4	66.0	64.0	61	89	0	1	.....	0	0.27	0.0	29.89	29.80	29.832	0.7	0.6	181	12	SSE	6	172	95	
22	77.8	55.7	66.8	65.7	61	87	0	2	.....	0	0.00	0.0	29.97	29.84	29.889	0.3	0.3	264	11	W	6	264	198	
23	83.4	53.9	68.7	66.3	63	91	0	4	.....	0	0.09	0.0	30.01	29.93	29.968	0.2	0.2	192	9	S	6	174	151	
24	81.1	62.5	71.8	69.7	67	92	0	7	..3.....	0	0.36	0.0	29.99	29.79	29.893	0.5	0.4	188	15	W	6	272	123	
25	75.9	57.3	66.6	67.2	62	84	0	2	.....	0	0.04	0.0	29.83	29.63	29.707	2.6	2.2	256	26	W	11	266	135	
26	65.4	47.2	56.3	55.8	47	74	9	0	.....	0	0.00	0.0	29.93	29.83	29.870	2.4	2.4	269	19	W	11	263	246	
27	63.8	44.5*	54.1*	54.5	51	88	10	0	.....	0	0.00	0.0	29.85	29.65	29.731	0.1	0.1	196	9	S	4	175	106	
28	74.2	52.7	63.4	61.2	55	82	1	0	.....	0	0.00	0.0	29.82	29.70	29.771	0.5	0.5	268	13	WNW	6	269	230	
29	73.2	52.7	62.9	62.8	61	93	2	0	.....	0	0.83	0.0	29.75	29.28	29.475	1.7	1.3	201	27	W	12	255	76	
30	66.7	52.4	59.5	58.5	53	81	5	0	.....	0	0.00	0.0	29.89	29.39	29.638	3.6	3.6	265	26	W	13	270	130	
31	73.1	47.3	60.2	58.2	52	82	5	0	.....	0	0.00	0.0	30.07	29.89	30.024	0.0	0.0	229	8	WSW	4	268	194	
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		Total	Total	For the month:										---		
2404	1723					41	99			6.88	0.0	30.16	29.28	29.890	0.9	0.7	234	30	SW	19	259			
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg				
77.6	55.6	66.6	65.7	60	84.6	----	----	≥.01 inch	17	31.23	0.0	7	29	-----	----	----	---	2	2	185				
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			41	476	Thunder		5	Precipitation		Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog		0	2.51	4	0.0	-	0			-								
0	0	0	0	----	----	Clear		8	Partly Cloudy		13	Cloudy		10										

**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

## August 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	Direction	Speed	Gust						Direction	Speed	Gust																																																																																																																																																																																																	
AUG 01									AUG 02									AUG 03																																																																																																																																																																																																													
00	0	29.86	0.00	60	58	95	31	0	0	0	29.91	0.00	62	61	95	30	0	0	0	29.70	0.04	70	68	95	19	4	17	03	0	29.86	0.00	58	57	97	31	0	0	0	29.88	0.00	64	63	96	30	0	0	0	29.68	0.00	71	70	98	19	4	13	06	9	29.88	0.00	57	57	98	31	0	0	12	29.87	0.00	61	60	97	30	0	0	14	29.70	0.00	69	65	87	19	3	14	09	480	29.92	0.00	75	68	79	28	0	0	127	29.88	0.00	71	65	84	19	2	8	165	29.77	0.00	71	65	81	20	4	10	12	884	29.93	0.00	80	66	63	27	1	8	388	29.82	0.00	75	69	83	18	0	3	193	29.87	0.00	70	65	84	22	4	11	15	756	29.90	0.00	83	64	52	25	1	5	141	29.76	0.00	77	68	74	13	0	15	388	29.93	0.00	70	65	85	25	1	4	18	72	29.88	0.00	83	66	57	30	0	1	98	29.71	0.00	79	70	73	14	5	11	93	29.94	0.00	75	67	77	22	0	2	21	0	29.90	0.00	66	62	86	30	0	0	0	29.69	0.00	74	69	83	14	1	9	0	29.99	0.00	62	60	92	22	0	0
AUG 04									AUG 05									AUG 06																																																																																																																																																																																																													
00	0	30.01	0.00	59	58	97	22	0	0	0	29.69	0.00	65	64	97	25	4	11	0	29.98	0.00	60	53	76	21	1	6	03	0	29.99	0.00	59	59	98	22	0	0	0	29.77	0.00	64	63	97	18	2	9	0	30.00	0.00	55	52	88	17	0	5	06	0	29.98	0.00	61	60	98	22	0	0	25	29.81	0.00	63	63	98	18	3	8	9	30.05	0.00	55	53	91	16	0	6	09	102	29.97	0.05	64	64	98	11	0	2	195	29.86	0.00	70	67	89	20	4	17	480	30.08	0.00	65	58	77	23	2	10	12	211	29.94	0.00	68	67	96	10	0	6	853	29.87	0.00	68	66	93	25	4	15	272	30.08	0.00	68	58	72	23	3	7	15	118	29.87	0.08	69	68	96	15	0	1	791	29.90	0.00	76	65	70	19	2	13	796	30.06	0.00	76	60	57	25	3	8	18	7	29.67	0.22	66	65	97	34	3	13	69	29.93	0.00	73	59	60	24	2	10	74	30.06	0.00	75	61	61	27	0	4	21	0	29.50	0.00	65	64	98	34	0	10	0	29.96	0.00	61	55	81	18	0	3	0	30.08	0.00	59	56	90	30	0	0
AUG 07									AUG 08									AUG 09																																																																																																																																																																																																													
00	0	30.12	0.00	55	53	95	30	0	0	0	30.11	0.00	57	56	96	18	0	0	0	30.04	0.00	62	61	96	28	0	0	03	0	30.12	0.00	53	52	97	30	0	0	0	30.12	0.00	56	55	97	18	0	0	0	30.02	0.00	61	60	97	28	0	0	06	9	30.14	0.00	51	51	97	30	0	0	9	30.11	0.00	55	55	97	18	0	0	7	30.03	0.00	64	64	98	18	1	3	09	561	30.16	0.00	69	63	81	30	0	0	441	30.12	0.00	73	66	80	18	0	0	304	30.03	0.00	73	68	84	18	4	9	12	830	30.15	0.00	75	61	62	02	0	0	151	30.11	0.00	79	68	68	23	0	6	327	30.00	0.00	76	65	70	22	0	5	15	192	30.11	0.00	78	61	56	24	0	0	761	30.06	0.00	83	66	58	26	0	7	359	29.97	0.00	78	68	71	22	0	2	18	139	30.09	0.00	77	65	66	23	0	0	81	30.03	0.00	80	66	64	28	0	0	49	29.96	0.00	71	67	87	24	0	7	21	0	30.10	0.00	62	59	90	18	0	0	0	30.04	0.00	65	62	91	28	0	0	0	29.97	0.00	66	64	94	01	0	3
AUG 10									AUG 11									AUG 12																																																																																																																																																																																																													
00	0	29.95	0.00	64	63	95	00	0	4	0	29.88	0.00	67	66	96	18	0	7	0	29.82	0.00	68	67	96	19	0	1	03	0	29.95	0.00	66	65	97	17	0	7	0	29.86	0.00	68	66	94	17	2	9	0	29.88	0.00	68	67	97	18	0	3	06	0	29.95	0.00	65	64	97	17	0	0	5	29.87	0.00	68	66	94	17	1	11	0	29.92	0.00	66	65	98	18	0	0	09	178	29.96	0.00	68	67	96	17	0	4	439	29.87	0.00	77	71	82	18	1	15	513	29.96	0.00	74	71	92	21	2	8	12	914	29.94	0.00	79	72	78	23	1	3	610	29.83	0.00	85	75	73	19	1	14	712	29.98	0.00	79	70	74	27	4	10	15	260	29.90	0.00	82	72	71	22	0	7	715	29.76	0.00	88	73	61	19	3	13	733	29.98	0.00	84	68	59	26	1	3	18	132	29.87	0.00	83	73	74	24	0	3	69	29.75	0.00	85	71	63	18	2	13	107	29.98	0.00	83	68	61	27	0	0	21	0	29.87	0.00	70	66	89	18	0	3	0	29.79	0.00	70	68	93	18	0	2	0	30.02	0.00	63	59	88	27	0	0
AUG 13									AUG 14									AUG 15																																																																																																																																																																																																													
00	0	30.04	0.00	60	59	95	27	0	0	0	30.07	0.00	61	60	96	32	0	0	0	30.04	0.00	57	55	95	00	0	0	03	0	30.06	0.00	59	58	97	27	0	0	0	30.07	0.00	59	58	98	32	0	0	0	30.02	0.00	54	53	97	00	0	0	06	7	30.09	0.00	58	57	97	27	0	0	5	30.07	0.00	59	58	98	32	0	0	5	30.04	0.00	53	52	97	00	0	0	10	213	30.10	0.00	72	68	89	27	0	0	216	30.08	0.00	70	66	87	32	0	0	445	30.05	0.00	70	65	84	00	0	0	12	694	30.09	0.00	78	69	75	28	0	3	807	30.08	0.00	80	66	64	33	1	5	738	30.04	0.00	81	67	61	00	0	0	15	378	30.08	0.00	81	67	61	26	1	7	729	30.06	0.00	80	63	57	34	2	8	751	30.00	0.00	81	70	68	28	2	8	18	120	30.05	0.00	81	69	68	32	0	0	181	30.04	0.00	76	62	63	35	0	3	132	29.98	0.00	80	68	66	28	0	0	21	0	30.08	0.00	64	62	93	32	0	0	0	30.04	0.00	60	57	91	00	0	0	0	30.01	0.00	65	60	85	19	0	0
AUG 16									AUG 17									AUG 18																																																																																																																																																																																																													
00	0	30.02	0.00	61	58	91	19	0	2	0	29.89	0.00	59	57	93	18	0	0	0	29.75	0.00	61	60	97	19	0	2	03	0	30.03	0.00	59	57	92	16	0	2	0	29.87	0.00	56	55	96	19	0	0	0	29.75	0.00	60	59	97	19	0	1	06	5	30.03	0.00	57	56	95	18	0	1	0	29.85	0.00	57	56	97	18	0	0	0	29.73	0.00	60	59	98	19	0	2	09	439	30.02	0.00	72	63	74	12	0	4	443	29.84	0.00	68	62	83	16	2	10	490	29.75	0.00	67	63	89	23	2	9	12	798	29.99	0.00	77	66	69	19	2	9	271	29.81	0.00	71	63	75	22	1	7	928	29.76	0.00	72	61	70	24	3	9	15	708	29.94	0.00	80	64	59	18	3	7	272	29.80	0.00	71	67	86	26	2	7	773	29.74	0.00	65	60	84	25	0	1	18	137	29.91	0.00	74	62	66	11	0	8	100	29.76	0.00	73	65	74	20	0	3	40	29.75	0.00	63	60	90	17	0	5	21	0	29.91	0.00	64	59	84	18	0	3	0	29.79	0.00	63	61	95	19	0	0	0	29.83	0.00	57	55	94	12	0	0

## MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	2.69	2.70	2.76	2.78	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79
Ended: Date	12	12	12	12	12	12	12	12	12	12	12	12
Ended: Time	0142	0142	0142	0142	0142	0142	0142	0142	0142	0142	0142	0142

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 2020: 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	29.84	0.00	56	55	98	22	0	2	0	29.98	0.00	52	50	96	28	0	0	0	29.88	0.00	62	58	85	16	0	5
03	0	29.85	0.00	54	53	97	22	0	1	0	30.00	0.00	50	49	97	26	0	0	0	29.85	0.00	59	57	94	17	0	5
06	0	29.86	0.00	53	52	98	22	0	0	0	30.02	0.00	49	48	97	26	0	0	0	29.82	0.00	59	56	90	16	2	8
09	548	29.91	0.00	61	60	94	23	1	7	432	30.04	0.00	63	58	83	26	0	0	79	29.83	0.00	61	58	91	18	0	7
12	032	29.91	0.00	69	59	72	23	1	9	846	30.02	0.00	67	55	66	28	1	8	647	29.82	0.00	72	63	74	17	4	10
15	239	29.91	0.00	67	60	77	26	3	10	455	29.96	0.00	70	58	65	18	0	1	62	29.80	0.00	68	66	93	21	0	4
18	79	29.90	0.00	66	58	76	27	1	8	123	29.91	0.00	70	59	67	18	0	4	77	29.82	0.00	68	66	94	32	0	1
21	0	29.96	0.00	55	52	92	28	0	0	0	29.88	0.00	61	58	91	18	0	0	0	29.84	0.00	62	61	95	32	0	0
AUG 22									AUG 23									AUG 24									
00	0	29.85	0.00	59	58	96	32	0	0	0	29.96	0.00	57	56	96	30	0	0	0	29.96	0.00	67	66	97	16	0	4
03	0	29.84	0.00	58	57	98	32	0	0	0	29.95	0.00	55	55	97	30	0	0	0	29.96	0.00	65	63	95	28	1	2
06	0	29.86	0.00	61	60	98	32	0	0	0	29.97	0.00	57	56	98	19	0	0	0	29.95	0.00	63	62	97	18	0	0
09	158	29.87	0.00	67	67	99	26	0	0	79	30.00	0.00	62	62	98	19	0	0	190	29.95	0.00	70	67	92	16	0	5
12	366	29.89	0.00	73	65	78	29	0	7	294	29.99	0.00	68	66	94	13	0	5	461	29.92	0.00	74	71	90	12	1	8
15	705	29.89	0.00	77	66	69	25	1	5	468	29.95	0.00	79	70	74	23	1	5	146	29.87	0.00	76	72	87	17	2	6
18	144	29.90	0.00	76	63	64	31	0	0	192	29.94	0.00	80	72	76	35	0	5	79	29.82	0.00	74	70	90	15	0	0
21	0	29.94	0.00	58	56	93	30	0	0	0	29.97	0.00	67	66	95	35	0	0	0	29.82	0.00	69	68	95	17	1	8
AUG 25									AUG 26									AUG 27									
00	0	29.79	0.00	66	65	96	17	2	7	0	29.83	0.00	57	52	82	28	4	16	0	29.84	0.00	47	45	93	27	0	0
03	0	29.73	0.00	63	63	97	17	0	3	0	29.85	0.00	53	48	85	27	0	10	0	29.80	0.00	45	44	96	27	0	0
06	0	29.67	0.00	66	65	95	17	0	8	0	29.89	0.00	48	45	89	27	0	3	5	29.78	0.00	46	45	97	27	0	0
09	183	29.67	0.00	71	67	88	20	4	13	283	29.92	0.00	53	46	76	26	5	14	195	29.75	0.00	54	52	93	19	0	2
12	174	29.63	0.00	75	70	85	27	3	11	784	29.91	0.00	60	48	64	26	6	13	232	29.71	0.00	61	54	77	21	2	5
15	703	29.63	0.00	76	62	64	27	9	19	700	29.86	0.00	64	48	57	24	2	14	279	29.67	0.00	64	54	71	20	0	0
18	63	29.72	0.00	66	57	73	28	3	15	200	29.84	0.00	61	48	61	31	2	12	69	29.67	0.00	61	57	85	20	0	0
21	0	29.79	0.00	60	52	77	28	3	26	0	29.85	0.00	54	47	79	28	0	8	0	29.70	0.00	54	53	95	20	0	0
AUG 28									AUG 29									AUG 30									
00	0	29.70	0.00	55	54	97	20	0	0	0	29.75	0.00	53	52	96	26	0	0	0	29.39	0.00	59	56	90	23	9	27
03	0	29.74	0.00	55	54	97	20	0	0	0	29.69	0.00	56	54	93	35	0	0	0	29.42	0.00	58	54	88	21	1	7
06	0	29.75	0.00	54	52	96	20	0	0	0	29.61	0.14	58	55	90	08	0	3	0	29.48	0.00	56	51	84	26	5	17
09	422	29.81	0.00	63	56	78	26	1	7	97	29.53	0.00	58	57	97	09	0	2	176	29.57	0.00	57	52	83	26	7	18
12	550	29.81	0.00	68	57	67	23	1	8	172	29.44	0.00	66	63	92	11	0	10	234	29.66	0.00	60	52	75	25	2	19
15	341	29.78	0.00	71	54	55	03	2	6	306	29.36	0.00	67	67	97	19	2	12	788	29.71	0.00	64	53	69	27	4	14
18	192	29.76	0.00	73	59	61	26	0	0	141	29.29	0.00	72	68	89	17	6	12	93	29.78	0.00	63	53	72	27	3	9
21	0	29.77	0.00	55	53	92	26	0	0	0	29.30	0.00	69	68	95	19	2	9	0	29.84	0.00	57	53	87	27	0	6
AUG 31																											
00	0	29.89	0.00	53	51	95	26	0	2																		
03	0	29.96	0.00	50	48	95	26	0	0																		
06	0	30.03	0.00	48	47	97	26	0	0																		
09	497	30.07	0.00	59	55	88	26	0	0																		
12	932	30.06	0.00	64	55	73	23	0	0																		
15	675	30.04	0.00	70	53	55	20	0	2																		
18	141	30.03	0.00	73	57	59	17	0	0																		
21	0	30.05	0.00	52	50	93	16	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	29.889	60	58	94	0.8	24	0.7
03	0	29.889	58	57	95	0.4	20	0.3
06	4	29.897	58	57	95	0.5	21	0.4
09	309	29.913	67	62	87	1.3	22	1.1
12	558	29.905	72	64	75	1.5	24	1.2
15	500	29.880	75	64	70	1.5	25	1.0
18	106	29.862	73	64	72	0.9	23	0.3
21	0	29.880	62	59	90	0.3	22	0.1

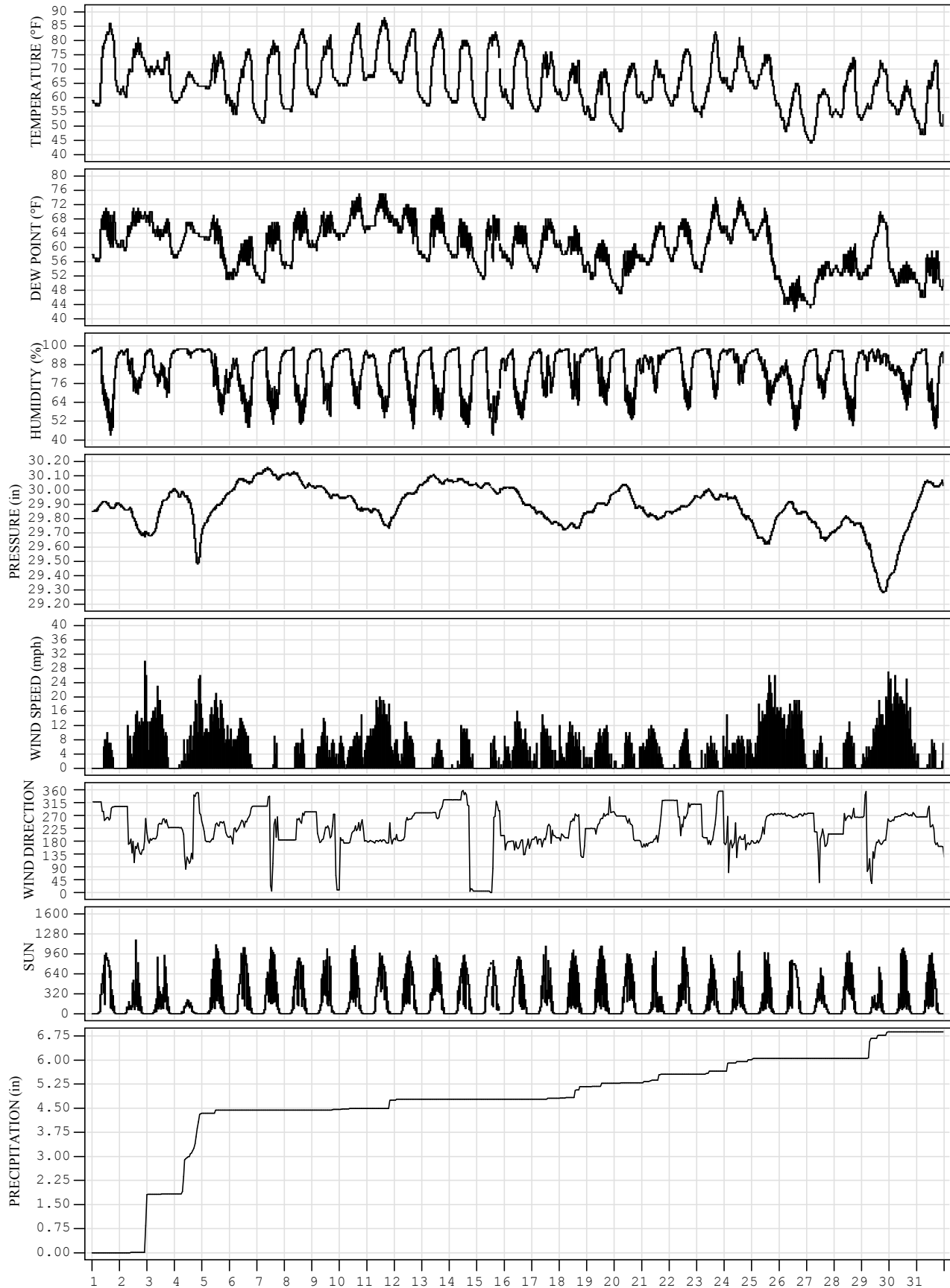
## HOURLY PRECIPITATION (Water Equivalent) August 2020: Westford

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										0.01													0.83	0.97	02
03	0.01												0.01												03
04							0.08	0.46	0.52	0.04	0.03	0.03	0.01	0.08	0.03	0.07	0.07	0.15	0.21	0.27	0.20	0.23	0.02	0.01	04
05												0.10													05
06																									06
07																									07
08																									08
09																		0.01	0.01						09
10		0.01	0.01						0.01																10
11																					0.25	0.01			11
12		0.03																							12
13																									13
14																									14
15																									15
16																									16
17														0.03											17
18	0.01					0.01								0.22	0.02			0.10							18
19					0.01								0.10												19
20						0.01																			20
21		0.04					0.01	0.02	0.01							0.17		0.02							21
22																									22
23								0.01	0.02			0.06													23
24			0.25	0.01								0.04													24
25	0.03	0.01																			0.06				25
26																									26
27																									27
28																									28
29						0.02	0.50	0.10	0.01					0.08	0.01										29
30																					0.09	0.02			30
31																									31
Sum	0.05	0.09	0.26	0.01	0.01	0.04	0.59	0.59	0.57	0.05	0.13	0.13	0.12	0.41	0.23	0.07	0.09	0.26	0.22	0.52	0.27	0.32	0.87	0.98	Sum

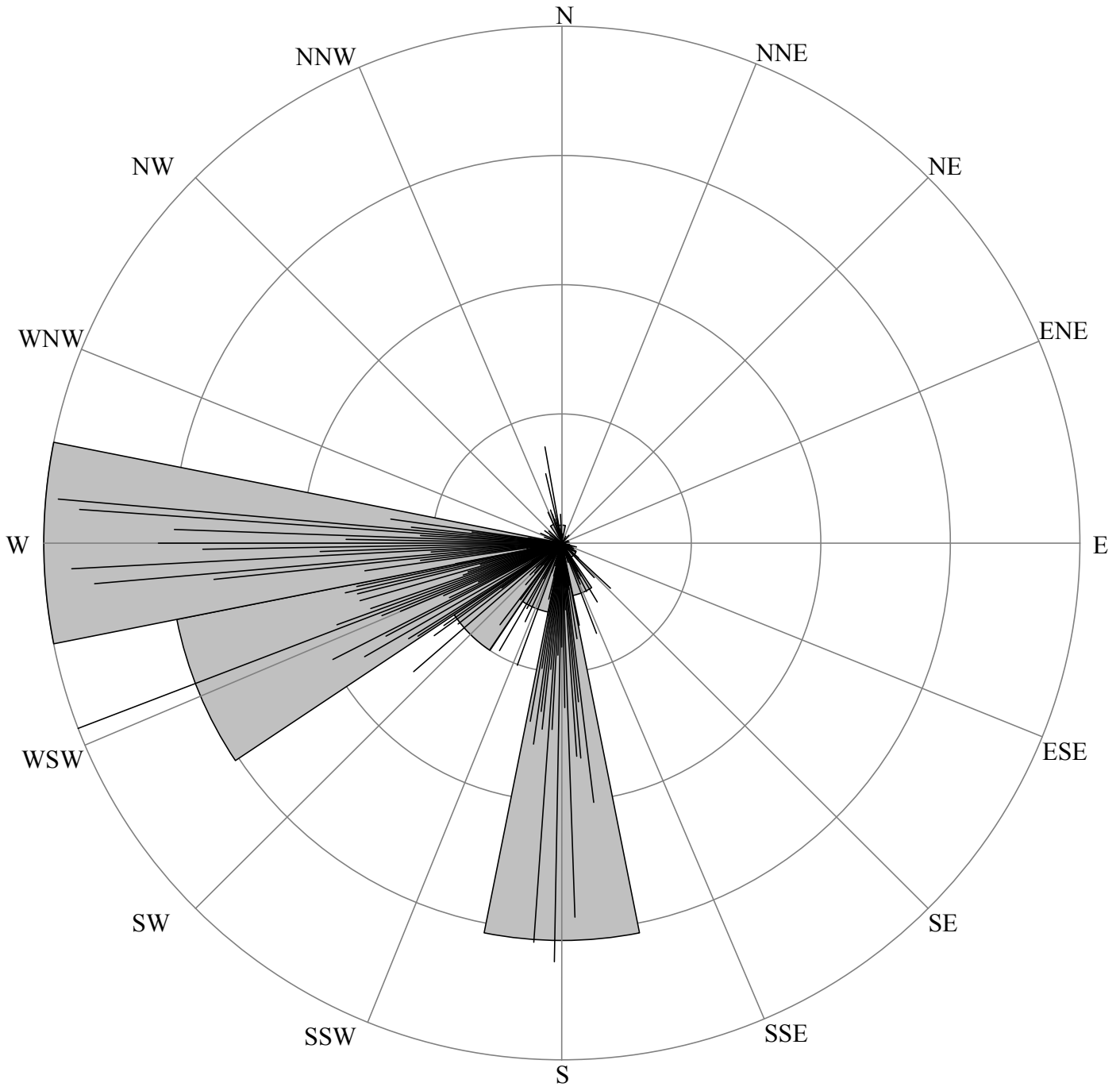
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

# HOUR-BY-HOUR DATA

## August 2020: Westford



Wind Rose: August 2020  
Westford



Maximum direction of wind: 21.7 miles from 249°  
Maximum sector of wind: 216.3 miles from W  
685.6 total miles of wind