

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### August 2022

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
1	2	3	4A	4B	5	6	7	8		11	12	13	14	15	16	17	18	19	20	21	22	23	
1	85.9	59.1	72.5	72.2	65	79	0	8	.....	0	0.00	0.0	29.97	29.70	29.839	0.9	0.9	177	14	S	5	171	288
2	80.1	58.3	69.2	69.0	66	89	0	4	..3.....	0	1.84	0.0	29.88	29.66	29.725	1.4	1.2	197	19	N	12	262	122
3	81.5	50.3	65.9	66.6	60	82	0	1	.....	0	0.01	0.0	29.98	29.85	29.921	0.4	0.4	172	12	SSE	7	171	276
4	79.0	64.1	71.5	71.6	67	86	0	7	.....	0	0.10	0.0	29.97	29.87	29.924	0.6	0.6	176	14	SSE	5	164	80
5	81.4	63.1	72.3	71.7	69	92	0	7	.....	0	0.14	0.0	30.13	29.96	30.063	0.6	0.3	225	10	S	5	235	158
6	90.2*	61.1	75.6	75.6	70	85	0	11	.....	0	0.00	0.0	30.15	29.99	30.083	0.9	0.9	181	13	WSW	6	208	269
7	90.1	69.9	80.0*	78.3	73	84	0	15	.....	0	0.00	0.0	30.03	29.88	29.960	1.4	1.3	197	16	SSE	7	233	243
8	83.7	65.7	74.7	73.2	70	92	0	10	..3.....	0	0.72	0.0	29.91	29.71	29.816	0.8	0.7	205	15	SSE	7	250	174
9	72.1	59.4	65.8	63.2	62	96	0	1	.....	0	0.08	0.0	30.01	29.67	29.857	0.8	0.4	221	15	WSW	8	269	58
10	77.1	59.4	68.3	64.7	61	88	0	3	.....	0	0.00	0.0	30.07	29.93	30.011	0.1	0.1	212	8	S	4	204	155
11	79.0	55.5	67.3	65.1	62	90	0	3	..3.....	0	0.52	0.0	29.95	29.82	29.873	0.5	0.5	216	11	W	7	256	182
12	69.1	50.4	59.8*	59.7	55	86	5	0	.....	0	0.00	0.0	30.08	29.94	30.018	0.5	0.4	287	13	NW	6	261	163
13	74.9	49.8	62.4	61.2	56	83	2	0	.....	0	0.00	0.0	30.12	30.04	30.075	0.3	0.3	278	11	W	7	266	215
14	79.6	48.5	64.0	62.6	55	78	0	0	.....	0	0.00	0.0	30.06	29.99	30.023	0.4	0.3	241	9	W	6	253	282
15	83.0	47.8*	65.4	64.5	56	77	0	1	.....	0	0.00	0.0	30.01	29.96	29.993	0.3	0.3	258	10	WSW	6	261	283
16	82.3	51.6	67.0	65.4	59	82	0	2	.....	0	0.00	0.0	30.06	30.00	30.036	0.4	0.4	7	12	N	6	44	235
17	77.5	56.7	67.1	65.7	60	83	0	3	.....	0	0.00	0.0	30.05	29.87	29.981	0.6	0.6	352	13	NW	7	17	169
18	73.2	57.8	65.5	63.3	59	87	0	1	.....	0	0.19	0.0	29.87	29.75	29.801	0.9	0.8	266	17	W	9	260	137
19	85.4	57.3	71.4	69.6	62	79	0	6	.....	0	0.00	0.0	30.04	29.85	29.942	1.1	1.0	196	14	W	7	265	248
20	89.4	56.2	72.8	70.8	62	77	0	8	.....	0	0.00	0.0	30.12	30.03	30.075	0.2	0.2	174	8	SSE	4	192	264
21	85.4	61.8	73.6	73.1	65	78	0	9	.....	0	0.00	0.0	30.05	29.92	29.992	1.1	1.1	180	17	SSE	7	173	186
22	81.4	66.5	74.0	72.4	64	76	0	9	.....	0	T	0.0	29.94	29.80	29.879	0.6	0.6	156	14	SSE	6	179	160
23	72.7	63.4	68.0	67.6	66	95	0	3	..3.....	0	2.21	0.0	29.80	29.72	29.763	0.1	0.1	139	10	E	4	235	72
24	83.1	62.4	72.8	70.4	67	89	0	8	.....	0	0.03	0.0	29.93	29.79	29.867	0.5	0.5	250	10	WSW	6	241	205
25	77.4	58.0	67.7	66.0	62	88	0	3	.....	0	0.01	0.0	30.05	29.93	29.997	0.2	0.2	287	9	W	4	270	166
26	75.6	57.7	66.6	64.3	62	93	0	2	..3.....	0	0.14	0.0	30.00	29.79	29.880	0.5	0.5	182	15	SSE	7	200	99
27	75.0	52.6	63.8	62.9	59	87	1	0	.....	0	0.00	0.0	30.12	29.91	30.025	0.2	0.2	307	8	WNW	5	254	193
28	81.9	48.7	65.3	64.9	59	84	0	1	.....	0	0.00	0.0	30.17	30.01	30.095	0.2	0.2	181	13	SSE	5	171	249
29	84.2	64.3	74.3	74.9	69	82	0	9	.....	0	0.00	0.0	30.04	29.81	29.931	2.7	2.7	176	20	SSE	9	169	224
30	86.2	62.0	74.1	75.0	70	84	0	9	..3.....	0	0.63	0.0	29.82	29.59	29.704	2.5	2.4	186	23	WSW	13	232	160
31	73.9	54.4	64.2	64.1	59	86	1	0	.....	0	0.12	0.0	29.69	29.61	29.656	2.5	2.3	227	22	SW	10	259	222
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		Total	Total	For the month:										---	
2491	1794					9	144			6.74	0.0	30.17	29.59	29.929	0.8	0.6	203	23	WSW	13	232		
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg			
80.4	57.9	69.1	68.0	63	85.0	----	----	≥.01 inch	14	36.50	0.0	28	30	-----	----	----	---	30	30	192			
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			22	367	Thunder	6	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	2.22	23-24	0.0	-	0					-						
2	0	0	0	----	----	Clear	9	Partly Cloudy			16	Cloudy		6									

**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 2022: 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
AUG 01									AUG 02									AUG 03									
00	0	29.97	0.00	62	61	95	23	0	0	0	29.70	0.00	67	63	87	16	1	5	0	29.88	0.00	58	56	92	25	0	0
03	0	29.95	0.00	62	61	96	23	0	0	0	29.67	0.00	69	64	85	14	1	7	0	29.93	0.00	54	53	96	25	0	0
06	7	29.93	0.00	59	58	96	23	0	0	14	29.66	0.00	68	64	88	16	1	7	9	29.95	0.00	51	49	96	25	0	0
09	455	29.90	0.00	74	66	77	17	2	6	44	29.69	0.83	69	66	90	17	4	17	475	29.95	0.00	66	60	82	17	0	3
12	932	29.85	0.00	82	66	59	17	0	11	84	29.70	0.05	70	69	97	23	2	9	895	29.98	0.00	74	63	69	15	2	5
15	853	29.80	0.00	85	67	56	21	2	7	838	29.69	0.00	79	74	85	19	1	7	631	29.92	0.00	80	64	59	12	1	5
18	413	29.73	0.00	83	69	63	17	1	9	250	29.76	0.00	72	70	93	25	0	4	260	29.86	0.00	79	68	69	17	1	3
21	0	29.72	0.00	70	65	84	17	0	1	0	29.83	0.00	65	62	89	27	0	4	0	29.90	0.00	68	64	87	14	0	0
AUG 04									AUG 05									AUG 06									
00	0	29.90	0.00	65	61	87	15	0	2	0	29.96	0.00	69	67	96	35	0	0	0	30.13	0.00	64	63	96	32	0	0
03	0	29.87	0.00	67	61	80	18	0	8	0	29.98	0.00	69	68	98	19	0	3	0	30.13	0.00	62	61	97	32	0	0
06	11	29.89	0.00	69	62	79	18	1	5	0	30.01	0.00	69	69	98	17	1	8	9	30.15	0.00	64	63	98	32	0	0
09	74	29.93	0.00	73	66	78	18	0	8	207	30.05	0.04	70	70	98	18	1	6	427	30.14	0.00	75	71	87	18	1	11
12	60	29.93	0.00	73	67	82	17	2	7	144	30.10	0.00	71	70	96	26	2	8	842	30.12	0.00	86	77	75	15	3	6
15	90	29.95	0.00	76	72	87	18	0	3	816	30.10	0.00	79	73	83	02	1	5	759	30.05	0.00	90	77	67	17	1	10
18	130	29.94	0.00	75	72	91	26	0	0	315	30.10	0.00	80	71	74	01	1	6	350	30.00	0.00	88	76	68	18	1	5
21	0	29.97	0.00	70	69	95	35	0	0	0	30.12	0.00	66	64	92	32	0	0	0	30.01	0.00	74	72	93	19	1	4
AUG 07									AUG 08									AUG 09									
00	0	30.03	0.00	72	70	91	18	0	2	0	29.91	0.00	71	69	95	03	0	0	0	29.71	0.00	71	70	97	16	3	7
03	0	30.01	0.00	71	69	94	15	0	8	0	29.88	0.00	71	69	96	03	0	0	0	29.68	0.00	72	71	98	22	4	10
06	12	30.00	0.00	71	69	96	17	0	5	0	29.88	0.00	70	68	94	26	1	8	0	29.73	0.00	61	60	96	25	1	15
09	139	30.00	0.00	76	72	88	22	1	10	137	29.88	0.00	66	65	96	24	0	1	100	29.82	0.00	62	61	97	26	1	7
12	782	29.98	0.00	85	77	76	21	3	12	761	29.84	0.00	81	74	79	20	0	5	188	29.88	0.00	60	59	95	33	2	8
15	784	29.91	0.00	88	77	69	20	4	10	420	29.78	0.00	79	74	84	24	0	0	111	29.93	0.00	61	59	95	34	1	6
18	257	29.89	0.00	89	79	72	20	1	5	109	29.74	0.00	76	73	92	18	0	0	74	29.96	0.00	62	60	93	35	0	5
21	0	29.92	0.00	76	71	86	03	1	4	0	29.73	0.00	71	70	96	19	1	3	0	30.00	0.00	60	58	95	00	0	0
AUG 10									AUG 11									AUG 12									
00	0	30.01	0.00	60	59	97	00	0	0	0	29.93	0.00	61	60	96	22	0	0	0	29.94	0.00	58	55	92	00	0	6
03	0	30.02	0.00	60	59	97	00	0	0	0	29.90	0.00	57	56	96	22	0	0	0	29.96	0.00	54	52	93	00	0	0
06	0	30.04	0.00	60	59	97	00	0	0	0	29.87	0.00	56	55	97	22	0	0	5	29.99	0.00	52	51	97	00	0	0
09	100	30.07	0.00	62	60	94	00	0	1	429	29.86	0.00	69	66	88	24	0	5	195	30.01	0.00	60	57	89	25	1	8
12	360	30.06	0.00	68	63	83	35	0	3	877	29.84	0.00	76	67	73	22	1	6	346	30.02	0.00	64	57	78	24	3	9
15	436	30.02	0.00	71	64	77	19	0	0	167	29.84	0.10	65	63	93	23	0	0	339	30.04	0.00	67	59	75	14	0	3
18	355	29.95	0.00	77	63	63	22	0	0	151	29.83	0.00	69	66	91	17	0	5	371	30.03	0.00	68	58	72	32	0	4
21	0	29.95	0.00	61	59	93	22	0	0	0	29.89	0.00	64	63	95	18	0	4	0	30.08	0.00	58	55	91	30	0	0
AUG 13									AUG 14									AUG 15									
00	0	30.07	0.00	57	55	94	30	0	0	0	30.05	0.00	51	50	95	30	0	0	0	30.01	0.00	53	51	95	25	0	0
03	0	30.07	0.00	50	49	96	30	0	0	0	30.04	0.00	49	48	96	30	0	0	0	30.00	0.00	50	49	96	25	0	0
06	0	30.09	0.00	54	53	98	30	0	0	0	30.05	0.00	49	48	97	30	0	0	5	30.00	0.00	48	47	96	25	0	0
10	236	30.12	0.00	60	58	95	25	0	3	443	30.05	0.00	66	60	81	19	0	2	462	30.00	0.00	68	62	81	25	0	0
12	954	30.10	0.00	70	60	71	26	0	6	812	30.03	0.00	74	60	62	22	1	3	805	30.00	0.00	78	59	52	06	0	4
15	339	30.07	0.00	71	58	64	30	0	3	761	29.99	0.00	78	55	46	25	3	7	747	29.99	0.00	80	57	45	25	0	9
18	316	30.04	0.00	75	60	61	34	0	3	193	30.00	0.00	78	63	60	25	0	3	297	29.96	0.00	83	61	48	24	0	3
21	0	30.06	0.00	55	52	90	30	0	0	0	30.00	0.00	57	53	89	25	0	0	0	30.00	0.00	60	56	89	24	0	0
AUG 16									AUG 17									AUG 18									
00	0	30.01	0.00	55	54	94	24	0	0	0	30.05	0.00	58	56	95	02	0	0	0	29.87	0.00	62	55	79	35	0	3
03	0	30.01	0.00	55	54	96	24	0	0	0	30.03	0.00	58	57	97	02	0	0	0	29.82	0.00	60	56	88	01	1	4
06	5	30.03	0.00	52	51	97	24	0	0	0	30.04	0.00	57	56	97	02	0	0	0	29.80	0.00	58	56	95	32	0	0
09	420	30.04	0.00	66	59	78	31	1	5	183	30.04	0.00	66	61	84	02	0	1	207	29.78	0.00	61	60	94	25	5	10
12	710	30.06	0.00	80	67	63	08	1	7	575	30.00	0.00	76	66	70	01	1	8	250	29.76	0.00	69	63	83	25	3	9
15	415	30.03	0.00	79	66	64	01	0	10	461	29.95	0.00	77	62	60	00	5	11	155	29.76	0.00	70	63	77	25	0	7
18	105	30.03	0.00	72	63	72	02	0	2	111	29.91	0.00	71	65	80	03	0	0	174	29.79	0.00	68	60	76	33	1	4
21	0	30.05	0.00	62	60	91	02	0	0	0	29.91	0.00	62	58	88	01	0	0	0	29.84	0.00	61	58	89	35	0	0

## MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.48	0.67	0.74	0.83	0.93	0.97	0.99	1.00	1.00	1.00	1.13	1.17
Ended: Date	23	23	23	23	23	23	23	23	23	23	23	23
Ended: Time	1055	1057	1056	1057	1103	1107	1125	1131	1131	1131	1258	1329

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 2022: 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	29.85	0.00	58	57	95	35	0	0	0	30.04	0.00	60	58	93	29	0	0	0	30.05	0.00	62	59	91	19	0	0
03	0	29.86	0.00	59	58	95	17	1	6	0	30.07	0.00	59	58	96	29	0	0	0	30.03	0.00	65	63	92	19	0	0
06	0	29.89	0.00	61	58	90	17	3	7	0	30.09	0.00	57	56	97	29	0	0	0	30.04	0.00	68	63	86	18	1	4
09	192	29.95	0.00	69	62	80	18	1	7	406	30.12	0.00	72	65	80	15	0	0	218	30.03	0.00	73	66	78	16	2	11
12	768	29.97	0.00	79	68	69	26	4	8	765	30.11	0.00	82	66	58	19	0	5	744	30.01	0.00	84	71	65	18	2	9
15	153	29.95	0.00	83	66	57	25	1	8	717	30.08	0.00	87	63	45	16	1	4	390	29.97	0.00	83	70	64	17	4	16
18	260	29.96	0.00	85	69	59	29	0	0	262	30.04	0.00	85	69	58	19	0	0	39	29.94	0.00	79	64	59	22	2	10
21	0	30.01	0.00	65	61	87	29	0	0	0	30.05	0.00	66	62	87	19	0	0	0	29.94	0.00	68	64	86	21	0	0
AUG 22									AUG 23									AUG 24									
00	0	29.94	0.00	67	62	86	20	0	0	0	29.80	0.00	67	65	94	16	0	0	0	29.79	0.00	65	64	98	17	0	0
03	0	29.94	0.00	71	62	75	17	1	3	0	29.78	0.00	67	64	92	16	0	0	0	29.80	0.00	66	65	97	25	0	0
06	0	29.92	0.00	68	62	82	16	1	6	0	29.76	0.00	65	63	95	03	0	0	0	29.83	0.00	66	65	98	25	0	3
09	244	29.92	0.00	72	64	77	16	0	6	149	29.77	0.00	68	67	97	02	0	3	91	29.88	0.00	67	67	99	24	0	7
12	461	29.90	0.00	77	67	72	12	0	7	529	29.76	0.00	70	70	98	11	0	4	795	29.90	0.00	75	69	83	26	0	7
15	807	29.85	0.00	80	65	61	15	4	8	51	29.75	1.14	72	69	92	07	1	6	694	29.89	0.00	80	68	67	27	2	9
18	90	29.81	0.00	75	68	77	11	0	1	160	29.74	0.00	70	69	97	17	0	1	248	29.88	0.00	83	72	70	27	0	4
21	0	29.82	0.00	69	65	88	11	0	0	0	29.77	0.00	66	65	96	17	0	0	0	29.91	0.00	65	64	94	26	0	0
AUG 25									AUG 26									AUG 27									
00	0	29.93	0.00	63	62	97	22	0	0	0	30.00	0.00	59	57	92	00	0	0	0	29.91	0.00	62	60	96	35	0	3
03	0	29.95	0.00	64	63	98	22	0	0	0	29.95	0.00	58	56	95	00	0	0	0	29.94	0.00	60	59	97	36	0	1
06	0	29.97	0.00	64	63	97	25	3	5	0	29.92	0.00	59	58	96	00	0	0	0	29.98	0.00	57	56	96	02	0	1
09	65	30.01	0.00	63	62	98	33	0	2	134	29.88	0.00	63	62	96	26	0	0	186	30.04	0.00	60	58	94	33	0	3
12	329	30.05	0.00	71	65	80	32	0	4	165	29.84	0.00	66	64	93	16	3	15	568	30.07	0.00	68	62	81	06	2	4
15	768	30.01	0.00	73	64	73	32	1	4	172	29.80	0.00	72	66	84	17	0	3	225	30.04	0.00	73	60	65	26	0	4
18	237	30.00	0.00	74	65	73	03	0	1	51	29.82	0.00	68	66	95	17	0	0	229	30.05	0.00	72	64	75	34	0	0
21	0	30.02	0.00	59	57	92	34	0	0	0	29.87	0.00	66	65	96	17	0	3	0	30.08	0.00	57	55	94	33	0	0
AUG 28									AUG 29									AUG 30									
00	0	30.12	0.00	53	51	96	33	0	0	0	30.03	0.00	64	62	93	15	1	4	0	29.82	0.00	78	69	75	18	2	12
03	0	30.12	0.00	50	50	97	33	0	0	0	30.01	0.00	67	64	89	17	3	8	0	29.77	0.00	75	68	80	16	2	14
06	0	30.14	0.00	49	48	97	33	0	0	0	30.00	0.00	67	64	91	15	1	12	0	29.76	0.00	72	68	87	17	5	12
09	378	30.16	0.00	63	62	97	33	0	0	367	30.00	0.00	73	69	86	17	4	16	116	29.75	0.00	76	71	84	17	3	13
12	759	30.13	0.00	76	64	66	19	0	6	735	29.97	0.00	80	72	76	15	5	16	752	29.72	0.00	82	73	75	18	6	12
15	687	30.08	0.00	80	67	65	16	0	6	621	29.90	0.00	84	75	75	16	1	13	381	29.66	0.00	84	74	72	21	2	11
18	216	30.03	0.00	81	68	64	17	0	3	206	29.83	0.00	83	73	71	16	2	10	28	29.61	0.04	73	70	92	16	2	10
21	0	30.02	0.00	65	63	93	16	0	1	0	29.82	0.00	75	69	83	17	2	10	0	29.62	0.00	70	68	94	20	3	9
AUG 31																											
00	0	29.67	0.00	62	61	97	08	0	0																		
03	0	29.64	0.04	63	62	97	17	0	3																		
06	0	29.62	0.00	63	62	98	17	5	8																		
09	65	29.64	0.00	64	64	98	18	3	7																		
12	970	29.69	0.00	69	57	66	24	7	17																		
15	719	29.67	0.00	73	56	55	25	8	17																		
18	60	29.66	0.00	67	59	74	16	0	5																		
21	0	29.67	0.00	57	55	94	17	0	3																		

### 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	29.939	62	60	93	0.2	17	0.2
03	0	29.929	62	60	93	0.4	19	0.3
06	2	29.937	61	59	94	0.8	18	0.6
09	237	29.951	68	64	88	1.1	20	0.8
12	604	29.947	75	66	76	1.7	21	1.0
15	500	29.918	77	66	70	1.4	22	0.6
18	204	29.900	76	67	74	0.4	19	0.3
21	0	29.921	65	62	91	0.3	19	0.2

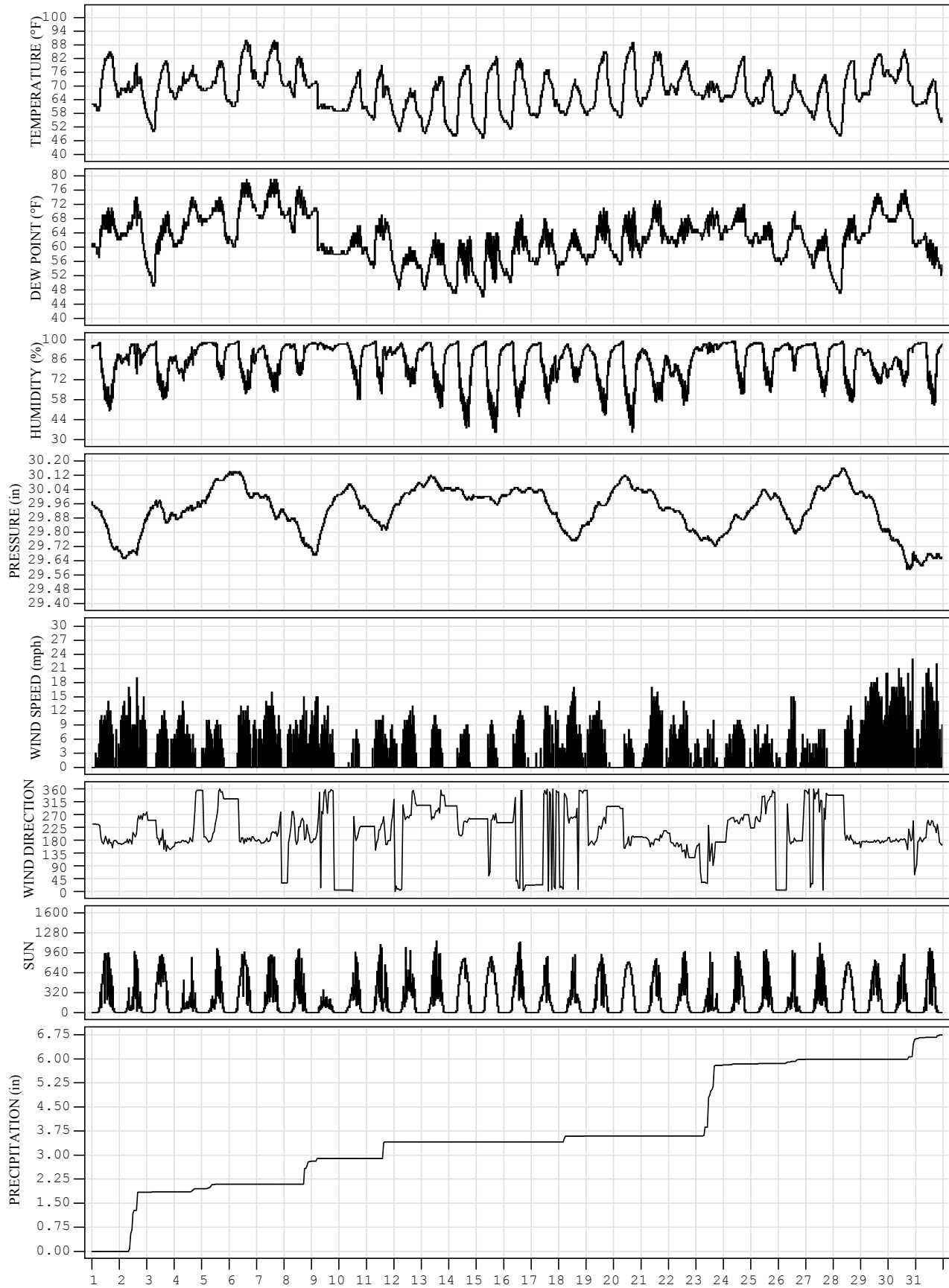
## HOURLY PRECIPITATION (Water Equivalent) August 2022: Westford

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					0.01																				03
04																									04
05					0.01	0.02			0.05	0.05															05
06																									06
07																									07
08																									08
09					0.08																				09
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18					0.11	0.07																			18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31	0.01		0.02	0.01																					31
Sum	0.01	0.00	0.02	0.01	0.21	0.10	0.06	0.33	0.15	0.48	1.05	0.60	0.23	0.04	0.59	1.31	0.07	0.59	0.05	0.07	0.16	0.41	0.15	0.05	Sum

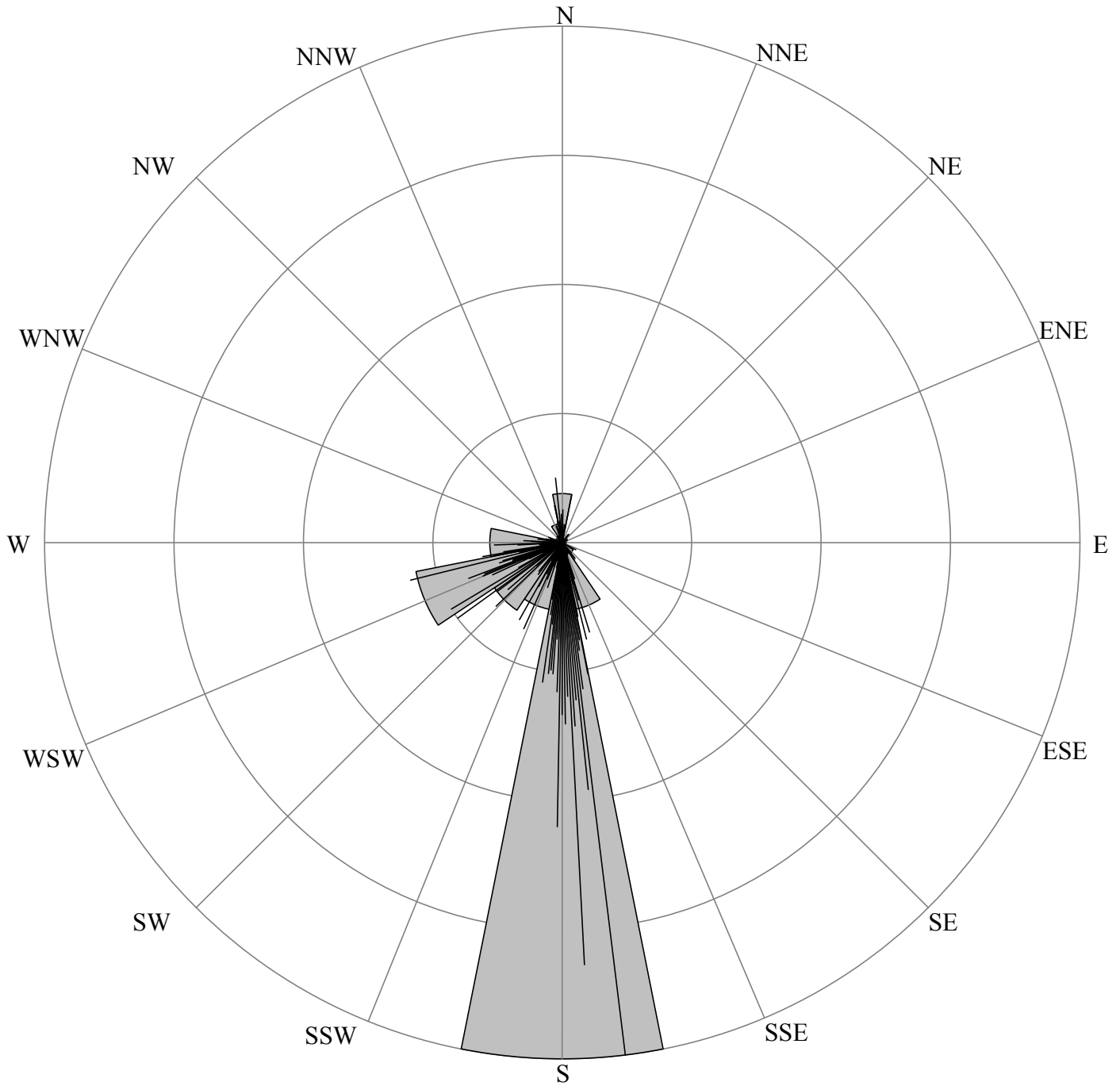
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

# HOUR-BY-HOUR DATA

## August 2022: Westford



Wind Rose: August 2022  
Westford



Maximum direction of wind: 38.5 miles from 173°  
Maximum sector of wind: 287.0 miles from S  
588.7 total miles of wind