

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

August 2023

Station: Westford

Latitude: 43° 37' 38" N Longitude: 73° 02' 30" 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	71.2	48.9	60.0	59.0	52	80	5	0	.....	0	0.00	0.0	30.16	30.01	30.102	0.8	0.8	263	14	WSW	7	255	271
2	76.1	46.7	61.4	60.6	53	79	3	0	.....	0	0.00	0.0	30.20	30.07	30.148	0.4	0.4	231	9	WSW	5	242	276
3	74.7	52.9	63.8	62.6	58	86	1	0	..3.....	0	0.49	0.0	30.08	29.83	29.936	2.1	2.1	184	23	WSW	10	257	128
4	69.7	60.4	65.0	63.8	62	94	0	0	..3.....	0	0.31	0.0	29.88	29.79	29.826	1.6	1.6	179	17	SSE	7	177	88
5	75.4	55.3	65.4	64.4	60	85	0	0	.....	0	0.01	0.0	29.99	29.88	29.943	0.6	0.6	260	12	NW	7	256	255
6	80.4	54.3	67.4	65.4	59	82	0	2	.....	0	0.00	0.0	29.99	29.92	29.958	0.6	0.5	246	13	W	6	264	271
7	68.6	54.1	61.3	62.7	60	90	3	0	.....	0	0.03	0.0	29.94	29.64	29.821	0.6	0.6	121	15	S	6	116	60
8	74.5	64.3	69.4	68.7	67	94	0	5	..3.....	0	1.34	0.0	29.64	29.47	29.528	1.4	1.0	204	19	SSE	9	268	97
9	80.1	59.3	69.7	68.6	64	86	0	5	.....	0	0.01	0.0	29.64	29.51	29.585	2.0	2.0	260	16	WSW	9	263	238
10	81.8	59.6	70.7*	66.9	63	87	0	6	..3.....	0	0.56	0.0	29.64	29.51	29.583	1.1	1.0	186	15	SSE	8	259	158
11	72.2	56.4	64.3	63.3	59	86	1	0	.....	0	0.01	0.0	29.83	29.53	29.655	2.6	2.5	248	19	WSW	10	257	195
12	79.1	53.3	66.2	64.4	60	87	0	1	..3.....	0	0.14	0.0	29.88	29.71	29.801	0.7	0.7	173	18	SSE	7	182	161
13	78.8	61.2	70.0	68.7	64	85	0	5	.....	0	0.04	0.0	29.86	29.71	29.769	1.9	1.6	222	20	W	10	262	178
14	77.1	58.4	67.8	66.9	62	83	0	3	.....	0	0.00	0.0	29.91	29.84	29.878	1.2	1.1	242	14	W	7	250	199
15	79.7	57.7	68.7	66.3	62	88	0	4	.....	0	0.00	0.0	29.90	29.78	29.817	0.2	0.1	207	10	WSW	4	167	139
16	78.2	62.1	70.1	67.4	65	92	0	5	.....	0	0.60	0.0	29.91	29.82	29.850	0.3	0.3	184	11	SE	4	199	119
17	80.6	59.6	70.1	69.2	65	88	0	6	.....	0	0.00	0.0	29.91	29.73	29.846	1.2	1.1	166	20	S	6	192	153
18	73.1	56.0	64.5	65.1	62	89	0	0	..3.....	0	0.26	0.0	29.74	29.55	29.631	1.4	1.1	202	19	SW	9	239	114
19	63.2	55.4	59.3	58.1	56	94	6	0	.....	0	0.51	0.0	29.88	29.67	29.785	1.8	1.7	213	15	SW	7	206	72
20	78.0	55.4	66.7	65.9	61	85	0	2	.....	0	0.01	0.0	29.99	29.88	29.952	1.7	1.6	190	15	SSE	7	181	217
21	71.4	53.2	62.3	64.8	60	86	3	0	.....	0	0.00	0.0	30.09	29.94	30.021	0.6	0.3	280	14	NNE	5	256	168
22	74.0	47.7	60.9	60.1	55	83	4	0	.....	0	0.00	0.0	30.15	30.08	30.111	0.5	0.4	311	19	N	7	273	264
23	79.0	46.9	63.0	61.3	54	79	2	0	.....	0	0.00	0.0	30.14	30.00	30.078	0.3	0.2	223	10	W	6	246	263
24	78.1	48.4	63.3	61.6	56	84	2	0	.....	0	1.00	0.0	30.03	29.86	29.973	0.8	0.7	178	15	SSE	7	194	202
25	67.4	58.0	62.7	62.6	62	96	2	0	.....	0	0.28	0.0	29.86	29.76	29.790	0.2	0.1	157	8	ESE	3	172	40
26	75.0	60.0	67.5	65.4	63	93	0	3	..3.....	0	0.48	0.0	29.89	29.76	29.812	0.8	0.7	253	13	WSW	6	239	158
27	70.0	53.8	61.9	60.4	59	94	3	0	.....	0	0.04	0.0	30.00	29.89	29.949	0.1	0.1	307	7	W	4	287	76
28	79.3	48.9	64.1	63.4	58	84	1	0	.....	0	0.00	0.0	30.04	29.93	29.991	0.8	0.8	190	16	SSE	7	189	239
29	79.3	61.1	70.2	67.8	64	89	0	5	.....	0	0.03	0.0	29.97	29.75	29.865	1.4	1.4	187	19	SSE	9	174	150
30	75.8	55.7	65.8	65.6	63	93	0	1	..3.....	0	0.56	0.0	29.78	29.56	29.639	1.4	1.3	256	17	W	10	246	119
31	67.5	48.4	58.0*	56.5	51	84	7	0	.....	0	0.01	0.0	30.15	29.78	29.975	0.7	0.6	282	16	WNW	7	277	247
Sum	Sum	-----	-----	---	----	Ttl	Ttl			Total	Total	For the month:						---					
2329	1713					43	53		Number of Days	6.72	0.0	30.20	29.47	29.859	1.0	0.7	216	23	WSW	10	262		
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip	Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg			
75.1	55.3	65.2	64.1	60	87.3	----	----		≥.01 inch	21	36.14	0.0	2	8	-----	----	---	3	13	172			
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			50	326	Thunder	8	Precipitation		Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	1.34	8	0.0	-	0				-							
0	0	0	0	----	----	Clear	7	Partly Cloudy		12	Cloudy		11										

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.

OBSERVATIONS AT 3-HOUR INTERVALS

August 2023: 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
AUG 01									AUG 02									AUG 03									
00	0	30.01	0.00	53	50	91	26	1	3	0	30.16	0.00	50	48	93	26	0	0	0	30.08	0.00	53	51	93	12	0	1
03	0	30.02	0.00	51	49	93	25	0	3	0	30.16	0.00	50	49	95	26	0	0	0	30.04	0.00	54	51	89	18	0	5
06	9	30.07	0.00	49	48	96	25	0	0	9	30.18	0.00	47	46	96	26	0	0	16	29.98	0.00	57	53	86	20	1	8
09	466	30.12	0.00	60	54	80	25	0	9	454	30.20	0.00	62	57	82	16	0	4	148	29.97	0.00	64	57	77	18	4	11
12	953	30.14	0.00	67	56	67	25	1	6	858	30.18	0.00	71	61	70	16	2	6	185	29.94	0.04	62	59	91	20	1	11
15	274	30.12	0.00	70	55	59	29	0	8	788	30.15	0.00	74	55	51	24	2	5	446	29.89	0.00	74	66	76	19	5	12
18	179	30.11	0.00	69	58	68	01	0	3	283	30.11	0.00	75	53	46	12	0	2	14	29.85	0.00	66	63	90	15	0	4
21	0	30.15	0.00	54	52	90	26	0	0	0	30.10	0.00	56	53	88	12	0	0	0	29.85	0.00	64	62	92	17	2	6
AUG 04									AUG 05									AUG 06									
00	0	29.83	0.00	63	61	95	16	2	17	0	29.88	0.00	61	59	96	19	0	0	0	29.99	0.00	57	55	95	28	0	0
03	0	29.82	0.09	62	61	96	20	1	11	0	29.90	0.00	58	57	96	19	0	1	0	29.97	0.00	55	54	96	20	1	3
06	0	29.81	0.00	61	59	96	16	3	9	11	29.92	0.00	56	55	97	19	0	0	9	29.99	0.00	55	54	96	18	0	3
09	90	29.81	0.05	61	60	96	14	2	5	476	29.95	0.00	63	62	98	25	4	8	438	29.98	0.00	68	61	79	22	3	8
12	290	29.82	0.00	66	63	92	21	0	4	860	29.96	0.00	72	62	71	26	4	10	823	29.96	0.00	75	63	65	24	4	8
15	116	29.83	0.00	67	64	90	18	1	10	346	29.96	0.00	74	62	66	25	0	5	793	29.94	0.00	79	64	61	26	0	5
18	84	29.83	0.00	69	65	89	15	0	3	311	29.95	0.00	75	63	67	26	0	7	151	29.92	0.00	75	63	67	35	0	1
21	0	29.85	0.00	64	62	94	16	0	0	0	29.96	0.00	59	56	90	28	0	0	0	29.93	0.00	60	57	91	35	0	0
AUG 07									AUG 08									AUG 09									
00	0	29.94	0.00	56	55	94	35	0	0	0	29.64	0.15	67	64	90	11	0	8	0	29.51	0.00	64	63	97	27	4	13
03	0	29.93	0.00	55	54	96	35	0	0	0	29.58	0.80	66	64	94	13	0	8	0	29.53	0.00	63	62	97	27	2	11
06	7	29.90	0.00	54	54	97	35	0	0	0	29.54	0.06	66	65	96	08	0	9	5	29.58	0.00	61	59	96	27	2	8
09	104	29.88	0.00	62	60	93	35	0	0	123	29.55	0.00	69	67	93	21	4	15	411	29.60	0.00	66	62	87	26	6	10
12	181	29.85	0.00	68	64	87	10	1	3	183	29.52	0.00	72	69	90	16	4	9	522	29.60	0.00	71	65	82	25	4	10
15	95	29.79	0.00	68	63	85	09	0	7	218	29.49	0.00	72	70	91	19	0	1	594	29.59	0.00	77	67	72	26	3	9
18	148	29.74	0.00	67	63	87	17	0	10	127	29.48	0.00	74	70	87	19	0	3	294	29.59	0.00	80	69	71	24	2	5
21	0	29.70	0.00	67	63	88	09	0	6	0	29.50	0.00	67	66	96	28	2	7	0	29.63	0.00	67	63	87	23	0	3
AUG 10									AUG 11									AUG 12									
00	0	29.64	0.00	67	63	86	20	2	5	0	29.54	0.00	60	59	96	20	0	0	0	29.82	0.00	57	55	93	25	0	0
03	0	29.62	0.00	62	60	91	18	0	2	0	29.54	0.00	60	59	97	20	0	4	0	29.83	0.00	55	54	96	25	0	0
06	9	29.63	0.00	61	58	92	17	0	6	5	29.56	0.00	57	55	96	21	1	5	7	29.85	0.00	55	54	97	25	0	0
09	218	29.63	0.00	67	62	84	17	3	9	207	29.62	0.00	61	59	92	20	4	12	239	29.87	0.00	64	60	87	17	3	7
12	640	29.60	0.00	78	69	76	13	1	5	151	29.64	0.00	68	61	78	24	2	11	267	29.83	0.00	71	63	75	17	1	8
15	220	29.53	0.00	77	66	69	10	2	7	668	29.69	0.00	70	60	72	25	6	16	693	29.77	0.00	77	65	67	17	2	11
18	95	29.52	0.00	68	65	89	24	2	9	313	29.73	0.00	72	62	71	24	4	11	79	29.75	0.04	69	66	90	18	0	0
21	0	29.54	0.05	62	60	96	27	0	0	0	29.78	0.00	59	57	91	25	0	0	0	29.73	0.00	65	64	95	17	0	9
AUG 13									AUG 14									AUG 15									
00	0	29.72	0.00	65	63	96	15	2	7	0	29.85	0.00	65	61	85	22	1	11	0	29.90	0.00	58	57	95	26	0	0
03	0	29.72	0.00	61	60	95	18	2	6	0	29.84	0.00	64	60	87	18	0	4	0	29.85	0.00	59	57	96	26	0	0
06	0	29.74	0.00	63	62	94	16	1	8	0	29.86	0.00	61	59	93	19	0	2	0	29.81	0.00	59	58	96	03	0	4
10	601	29.76	0.00	72	67	85	16	1	7	429	29.89	0.00	68	64	85	25	4	9	211	29.81	0.00	64	62	92	35	0	0
12	227	29.76	0.00	75	69	80	21	1	6	446	29.91	0.00	73	64	74	24	1	11	315	29.82	0.00	73	64	74	34	0	0
15	789	29.75	0.00	78	71	79	20	2	11	582	29.89	0.00	75	65	73	25	3	6	223	29.79	0.00	77	68	75	27	0	0
18	63	29.79	0.00	71	60	70	25	5	20	118	29.86	0.00	75	65	71	26	0	7	56	29.78	0.00	75	67	78	22	0	4
21	0	29.84	0.00	66	60	82	23	0	0	0	29.89	0.00	60	58	92	26	0	0	0	29.81	0.00	64	62	92	22	0	1
AUG 16									AUG 17									AUG 18									
00	0	29.83	0.00	64	62	96	17	1	8	0	29.90	0.00	63	61	96	19	0	0	0	29.74	0.00	67	63	88	13	2	8
03	0	29.82	0.00	63	62	96	18	0	0	0	29.89	0.00	60	59	96	19	0	0	0	29.67	0.00	67	64	89	11	3	10
06	0	29.83	0.06	63	62	96	18	0	0	0	29.90	0.00	64	63	97	19	1	3	0	29.64	0.00	66	63	90	22	0	3
09	18	29.85	0.06	65	64	96	16	0	0	128	29.91	0.00	70	67	90	18	3	9	98	29.57	0.04	64	62	93	10	1	7
12	452	29.85	0.00	68	67	96	12	0	6	137	29.86	0.00	75	69	82	15	3	14	88	29.62	0.00	65	63	94	16	0	9
15	299	29.85	0.00	74	69	84	24	2	5	225	29.82	0.00	80	72	76	16	1	5	299	29.59	0.00	72	66	82	23	5	13
18	367	29.86	0.00	77	69	78	18	0	3	70	29.79	0.00	72	67	83	06	0	7	276	29.60	0.00	69	64	84	25	0	4
21	0	29.88	0.00	66	64	93	19	0	0	0	29.77	0.00	68	63	86	14	0	10	0	29.65	0.00	59	55	85	21	2	10

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.17	0.18	0.24	0.30	0.46	0.61	0.68	0.73	0.74	0.75	0.76	0.86
Ended: Date	30	24	24	24	24	24	24	24	24	24	24	24
Ended: Time	1616	2250	2255	2300	2315	2319	2320	2324	2331	2351	2324	2322

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 2023: 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	29.67	0.00	57	55	93	18	1	7	0	29.88	0.00	58	56	96	19	3	7	0	29.97	0.00	63	60	91	19	0	3
03	0	29.68	0.12	57	55	95	19	4	13	0	29.90	0.00	58	56	95	17	1	7	0	29.95	0.00	65	61	89	17	0	6
06	0	29.72	0.00	55	54	95	21	2	7	5	29.95	0.00	56	54	95	23	0	7	0	29.96	0.00	64	61	92	17	0	0
09	193	29.78	0.00	58	56	94	23	0	4	330	29.98	0.00	64	60	87	17	0	7	18	30.00	0.00	67	65	93	25	3	8
12	225	29.81	0.00	62	58	89	24	2	7	719	29.98	0.00	73	65	76	18	2	12	466	30.04	0.00	70	63	79	25	0	8
15	76	29.83	0.00	60	58	94	24	3	7	649	29.97	0.00	78	69	74	20	1	13	661	30.04	0.00	70	61	74	22	1	7
18	192	29.83	0.00	59	58	96	19	1	5	236	29.94	0.00	75	66	74	22	4	10	105	30.05	0.00	67	59	75	27	0	7
21	0	29.86	0.00	58	56	96	18	1	7	0	29.96	0.00	66	62	88	17	1	6	0	30.08	0.00	58	55	91	03	0	0
AUG 22									AUG 23									AUG 24									
00	0	30.09	0.00	53	51	93	03	0	0	0	30.12	0.00	52	50	94	33	0	0	0	30.02	0.00	52	50	94	24	0	0
03	0	30.08	0.00	50	49	96	03	0	0	0	30.12	0.00	50	48	95	33	0	0	0	30.01	0.00	50	49	95	24	0	0
06	0	30.11	0.00	48	47	96	03	0	0	0	30.13	0.00	47	46	96	33	0	0	0	30.00	0.00	49	48	96	23	0	0
09	404	30.14	0.00	62	57	85	02	1	5	406	30.13	0.00	62	58	87	18	0	4	387	30.03	0.00	64	60	86	19	1	3
12	744	30.13	0.00	72	61	69	27	1	10	788	30.10	0.00	74	58	57	20	1	6	770	30.00	0.00	75	63	66	17	2	11
15	733	30.11	0.00	73	59	62	23	0	6	735	30.06	0.00	76	57	52	25	3	7	394	29.94	0.00	75	63	67	16	2	9
18	265	30.09	0.00	71	58	65	32	0	9	267	30.00	0.00	77	60	56	24	0	0	12	29.94	0.00	66	60	80	17	0	3
21	0	30.11	0.00	56	54	92	33	0	0	0	30.02	0.00	55	52	90	24	0	0	0	29.93	0.21	57	55	92	05	1	3
AUG 25									AUG 26									AUG 27									
00	0	29.86	0.00	59	58	96	08	1	4	0	29.80	0.00	63	62	97	34	0	0	0	29.89	0.00	61	60	96	32	0	6
03	0	29.82	0.04	58	57	96	10	0	2	0	29.76	0.00	60	60	97	34	0	0	0	29.90	0.00	59	58	96	32	0	0
06	0	29.80	0.00	59	58	97	18	2	7	0	29.78	0.00	61	60	97	25	0	4	0	29.92	0.00	58	57	97	32	0	1
09	21	29.79	0.00	61	60	97	11	0	1	179	29.81	0.00	65	64	98	23	2	7	69	29.96	0.00	59	59	97	32	0	3
12	227	29.78	0.00	64	63	97	17	0	4	780	29.81	0.00	71	67	87	25	3	10	105	29.97	0.00	62	60	92	28	0	3
15	79	29.77	0.00	67	65	94	16	0	1	121	29.79	0.00	74	68	83	27	1	7	207	29.96	0.00	65	62	89	29	0	2
18	25	29.76	0.07	65	64	96	11	0	1	230	29.82	0.00	71	67	86	33	0	2	39	29.96	0.00	64	61	89	29	0	0
21	0	29.79	0.00	64	63	96	34	0	0	0	29.87	0.00	63	61	95	24	2	9	0	29.99	0.00	57	55	94	29	0	0
AUG 28									AUG 29									AUG 30									
00	0	30.00	0.00	54	53	96	29	0	0	0	29.97	0.00	63	61	92	16	3	7	0	29.75	0.00	65	64	96	18	0	0
03	0	30.01	0.00	51	51	97	29	0	0	0	29.94	0.00	61	59	94	18	1	4	0	29.68	0.00	64	62	95	18	0	0
06	0	30.02	0.00	49	48	97	29	0	0	0	29.93	0.00	62	61	96	16	1	4	0	29.62	0.00	64	64	97	18	0	0
09	381	30.04	0.00	60	60	99	29	0	0	98	29.91	0.00	67	65	92	16	2	16	97	29.59	0.00	67	66	97	17	3	7
12	749	30.01	0.00	75	66	73	18	1	6	501	29.90	0.00	75	69	81	19	4	10	817	29.57	0.00	71	68	91	24	3	8
15	156	29.96	0.00	78	63	61	12	2	9	694	29.83	0.00	79	69	73	16	5	12	369	29.56	0.00	74	67	79	21	1	5
18	221	29.94	0.00	75	62	64	17	5	16	18	29.80	0.00	70	65	85	18	0	0	46	29.62	0.00	65	62	91	26	3	12
21	0	29.96	0.00	62	58	87	18	1	7	0	29.77	0.00	66	64	93	18	0	0	0	29.71	0.00	61	59	95	28	2	15
AUG 31																											
00	0	29.78	0.00	56	54	95	20	1	13																		
03	0	29.83	0.00	52	51	95	24	2	11																		
06	0	29.89	0.00	49	48	96	33	1	5																		
09	378	29.96	0.00	55	51	86	34	1	8																		
12	751	30.01	0.00	64	54	71	29	1	9																		
15	684	30.01	0.00	67	55	67	27	3	16																		
18	218	30.04	0.00	66	54	66	35	0	3																		
21	0	30.08	0.00	51	49	93	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	29.864	59	58	94	0.8	19	0.5
03	0	29.852	58	56	95	0.5	19	0.4
06	3	29.859	57	56	95	0.5	20	0.3
09	252	29.874	64	61	90	1.8	22	1.2
12	491	29.870	70	63	80	1.6	22	1.2
15	427	29.847	73	64	74	1.8	23	1.3
18	158	29.841	71	63	78	0.9	23	0.7
21	0	29.861	61	59	91	0.5	23	0.3

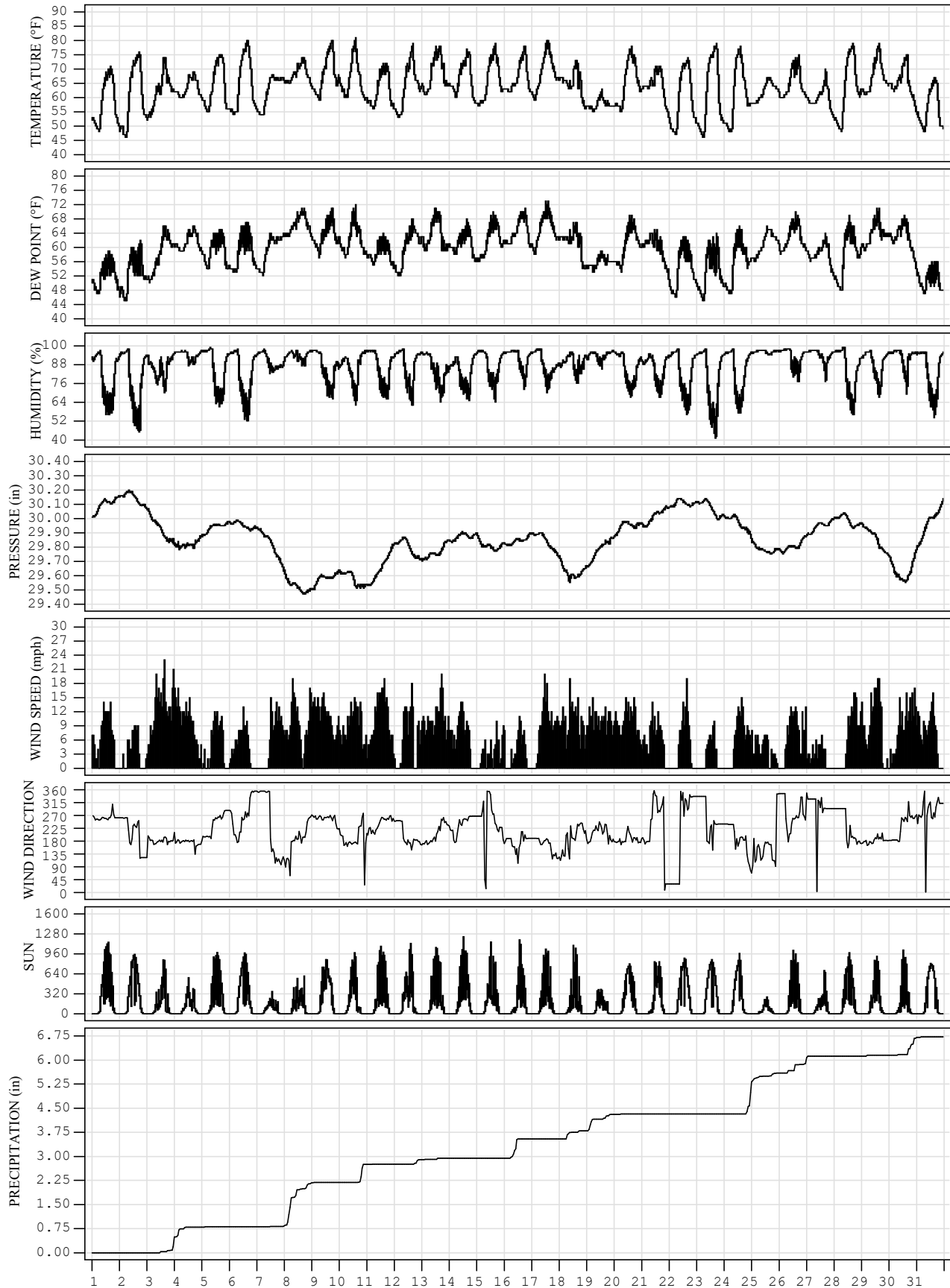
HOURLY PRECIPITATION (Water Equivalent) August 2023: Westford

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												0.03					0.03	0.01		0.01		0.11	0.30	03	
04		0.01	0.04	0.17	0.03			0.04	0.02															04	
05		0.01	0.01																					05	
06																								06	
07											0.01													07	
08	0.02							0.01	0.05	0.18			0.02		0.02			0.02	0.09	0.03		0.02	0.02	08	
09		0.01																						09	
10															0.01	0.01	0.16	0.26	0.12					10	
11					0.01																			11	
12																	0.03		0.08	0.02	0.01			12	
13			0.01											0.03										13	
14																								14	
15																								15	
16						0.03	0.03	0.06	0.12	0.06	0.28	0.02												16	
17																								17	
18							0.14	0.02	0.04		0.01					0.04	0.01							18	
19		0.04	0.13	0.11	0.07	0.01									0.03	0.06	0.01		0.04	0.01				19	
20					0.01																			20	
21																								21	
22																								22	
23																								23	
24																			0.08	0.16	0.01	0.42	0.33	24	
25	0.04	0.05	0.02	0.01	0.01	0.01	0.03		0.01					0.01		0.05	0.01	0.02		0.01				25	
26								0.07																26	
27	0.04												0.18			0.01					0.02	0.01	0.19	27	
28																								28	
29					0.03																			29	
30							0.02								0.18		0.11	0.03	0.01	0.18			0.03	30	
31				0.01																				31	
Sum	0.10	0.11	0.30	0.54	0.38	0.35	0.21	0.17	0.21	0.14	0.47	0.06	0.00	0.23	0.03	0.03	0.29	0.15	0.31	0.60	0.36	0.23	0.56	0.89	Sum

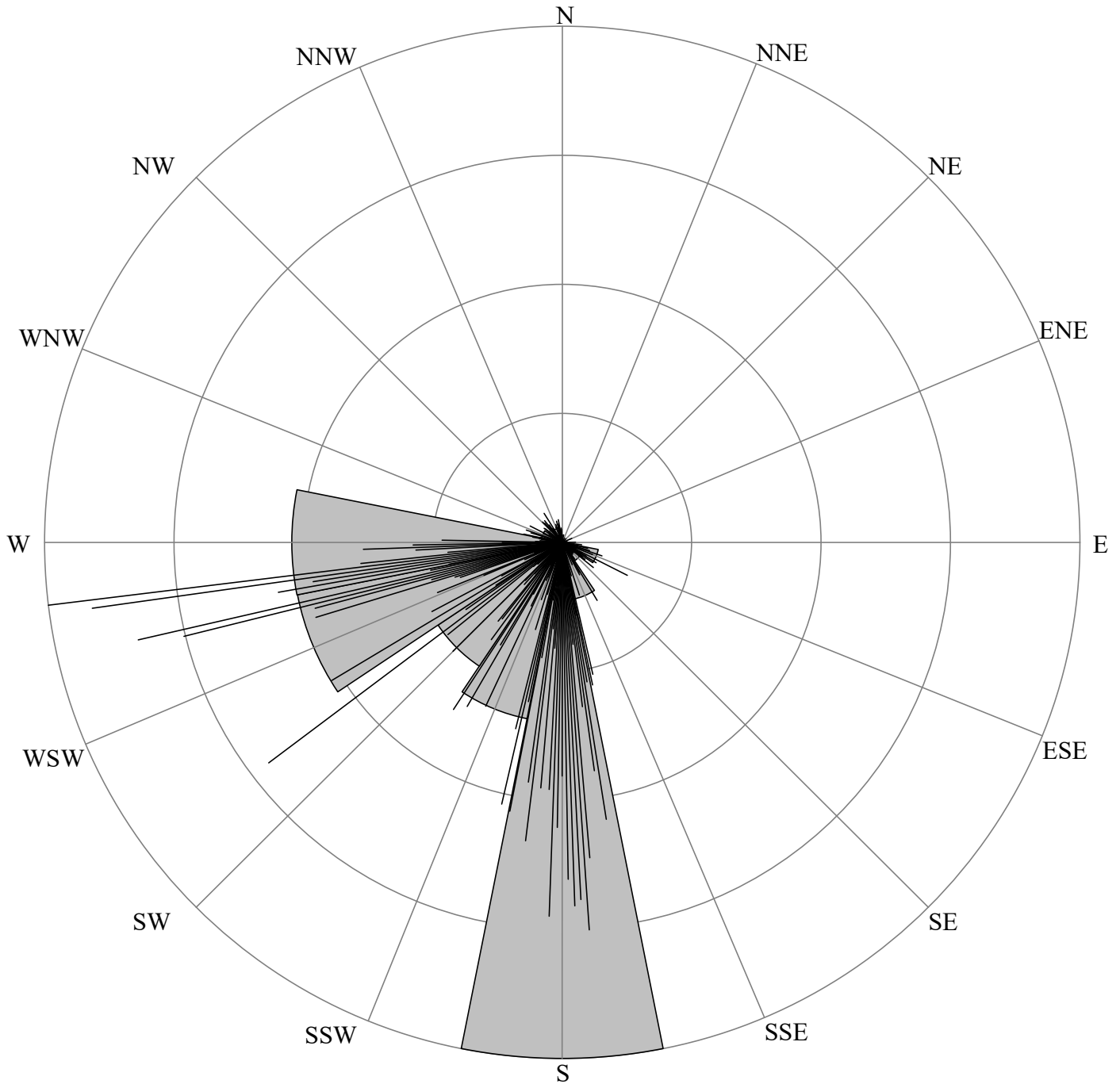
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA

August 2023: Westford



Wind Rose: August 2023
Westford



Maximum direction of wind: 24.4 miles from 263°
Maximum sector of wind: 251.7 miles from S
764.1 total miles of wind