

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### January 2021

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	29.2	20.4	24.8	25.3	19	75	40	0	.....	T	T	T	30.52	30.07	30.376	0.6	0.4	217	12	SSE	6	166	35
2	32.2	23.1	27.7	26.7	25	93	37	0	.....	5	0.61	5.0	30.14	29.68	29.905	1.2	0.7	270	16	WNW	8	288	2
3	29.5	23.8	26.6	26.7	24	90	38	0	.....	5	0.01	0.1	30.14	29.97	30.059	0.7	0.7	168	13	S	7	170	3
4	34.5	26.6	30.6	29.5	27	92	34	0	.....	4	T	T	30.03	29.94	29.981	0.1	0.0	34	7	W	4	276	6
5	28.7	22.0	25.4	25.1	24	95	39	0	.2.....	4	T	T	30.00	29.92	29.960	0.6	0.5	295	8	NNW	5	267	4
6	25.0	20.0	22.5	22.5	21	92	42	0	.....	4	0.04	0.3	30.11	29.99	30.060	0.8	0.8	337	11	NW	6	353	4
7	25.4	17.3	21.3	21.7	19	89	44	0	.....	4	T	T	30.22	30.11	30.180	1.5	1.5	317	16	WNW	7	290	6
8	21.5	10.5	16.0	16.9	14	86	48	0	.....	4	T	T	30.17	29.97	30.078	1.3	1.2	312	14	W	8	287	27
9	25.9	13.7	19.8	19.1	12	73	45	0	.....	4	0.00	0.0	30.08	29.95	30.003	1.1	1.1	349	16	NNW	9	356	47
10	22.8	10.9	16.8	18.9	16	88	48	0	.....	4	0.00	0.0	30.30	30.08	30.226	0.4	0.3	348	10	NNW	5	17	25
11	26.4	13.4	19.9	22.7	20	89	45	0	.....	4	0.01	0.2	30.32	30.06	30.210	4.4	4.4	173	16	SSE	10	169	13
12	31.9	25.5	28.7	27.9	25	87	36	0	.....	4	0.03	0.3	30.08	29.99	30.036	2.2	2.1	183	16	SSE	7	164	19
13	31.2	26.7	29.0	29.0	25	87	36	0	.....	4	T	T	30.00	29.78	29.892	3.2	3.2	174	15	SSE	8	174	13
14	34.6	29.1	31.8	31.6	27	83	33	0	.....	3	T	T	29.92	29.76	29.809	1.4	1.3	174	12	SSE	7	171	15
15	39.4*	19.5	29.5	30.0	25	82	35	0	.....	3	0.00	0.0	30.03	29.87	29.964	1.5	1.4	143	21	SSE	10	171	73
16	37.4	30.6	34.0*	33.5	31	90	31	0	.....	6	0.45	3.1	29.88	29.15	29.444	1.3	1.1	151	20	SSE	9	151	6
17	31.8	26.5	29.1	30.0	28	91	35	0	.....	8	0.33	2.6	29.52	29.14	29.328	2.6	2.5	234	23	SSW	11	241	4
18	26.5	11.7	19.1	20.1	17	88	45	0	.....	10	0.08	2.4	29.89	29.51	29.667	1.2	1.0	278	13	WSW	8	264	9
19	24.5	4.6	14.5	15.9	13	88	50	0	.....	9	0.01	0.3	30.01	29.88	29.944	1.3	1.2	181	11	SSE	7	167	16
20	24.7	-1.7	11.5	16.8	14	88	53	0	.....	12	0.20	3.7	30.00	29.83	29.900	0.9	0.9	280	14	N	9	285	13
21	27.2	-2.0	12.6	15.2	12	87	52	0	.....	12	0.11	1.4	29.95	29.47	29.644	4.8	4.7	165	24	SSE	12	169	5
22	30.9	16.3	23.6	25.8	22	84	41	0	.....	11	0.02	0.2	29.82	29.47	29.615	2.4	1.6	190	17	SSE	9	175	14
23	16.4	1.5	8.9	9.1	4	79	56	0	.....	11	0.02	1.2	30.12	29.82	29.996	3.9	3.8	281	18	W	10	285	26
24	14.7	0.7	7.7	7.5	1	73	57	0	.....	10	0.00	0.0	30.15	30.08	30.117	3.6	3.4	281	21	WNW	13	289	103
25	23.3	0.2	11.7	11.6	7	83	53	0	.....	9	T	T	30.16	30.10	30.130	0.3	0.2	175	9	S	6	171	34
26	29.9	13.0	21.4	22.9	18	83	43	0	.....	9	0.02	0.6	30.11	29.86	30.001	0.3	0.1	91	9	NE	6	166	54
27	26.8	20.5	23.6	23.1	21	91	41	0	.....	9	0.03	0.4	30.11	29.85	30.014	0.4	0.4	283	12	W	7	271	9
28	20.8	2.7	11.7	15.3	10	81	53	0	.....	9	0.01	0.5	30.12	30.06	30.095	3.4	3.4	280	26	W	13	272	17
29	6.1	-2.3	1.9*	2.0	-4	77	63	0	.....	8	0.02	0.4	30.25	30.06	30.152	3.7	3.6	287	22	W	12	266	47
30	9.2	-4.7	2.3	2.9	-2	79	63	0	.....	8	0.01	0.2	30.38	30.23	30.300	2.0	1.9	290	18	WSW	9	261	59
31	15.6	-8.0*	3.8	2.0	-3	79	61	0	.....	8	0.00	0.0	30.39	30.28	30.340	0.2	0.1	337	5	NW	3	321	121
Sum	Sum	-----	-----	---	----	Ttl	Ttl			Total	Total	For the month:										---	
804	412					1397	0		Number of Days	2.01	22.9	30.52	29.14	29.981	1.7	0.8	234	26	W	13	272		
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip	Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg			
25.9	13.3	19.6	20.2	16	85.3	----	----		≥.01 inch	18	2.01	37.4	1	17	-----	----	---		28	28	27		
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	7	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			4088	0	Thunder	0	Precipitation		Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	1	0.00	-	5.0	2	12			20+								
0	27	31	6	----	----	Clear	2	Partly Cloudy		4	Cloudy		25										

**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

## January 2021: Westford

Hour	JAN 01									JAN 02									JAN 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	30.39	0.00	21	16	82	00	0	0	0	30.07	0.00	26	22	85	10	0	0	0	30.13	0.00	26	24	93	28	0	0
03	0	30.45	0.00	24	18	79	00	0	3	0	29.91	0.00	26	24	93	10	0	0	0	30.14	0.00	25	23	93	32	0	0
06	0	30.47	0.00	24	18	77	05	0	1	0	29.70	0.00	30	28	94	14	0	11	0	30.12	0.00	25	23	93	32	0	0
09	42	30.51	0.00	25	20	78	20	3	6	9	29.69	0.00	31	30	95	18	1	5	5	30.13	0.00	25	23	90	16	1	6
12	141	30.45	0.00	29	19	68	23	4	7	9	29.77	0.00	27	25	93	27	4	12	18	30.05	0.00	28	25	86	14	0	0
15	69	30.41	0.00	28	18	66	30	0	4	0	29.92	0.00	23	21	93	30	3	10	14	29.98	0.00	29	26	87	15	2	6
18	0	30.31	0.00	24	18	77	30	0	0	0	30.04	0.00	24	22	93	05	1	4	0	30.01	0.00	28	25	89	15	1	10
21	0	30.17	0.00	26	19	74	17	3	9	0	30.10	0.00	26	24	93	29	0	0	0	30.01	0.00	28	26	92	17	0	3
JAN 04									JAN 05									JAN 06									
00	0	29.97	0.00	27	25	94	17	0	0	0	29.94	0.00	29	27	94	35	0	0	0	29.99	0.00	22	21	94	34	1	6
03	0	29.97	0.00	27	26	95	16	0	0	0	29.94	0.00	28	26	95	34	0	3	0	30.01	0.00	22	20	94	30	1	4
06	0	29.99	0.00	27	26	94	08	0	0	0	29.95	0.00	26	25	95	31	1	5	0	30.03	0.00	22	21	94	04	0	7
09	0	30.02	0.00	29	27	94	08	0	0	5	29.97	0.00	25	23	95	28	0	4	9	30.07	0.00	23	21	94	01	0	8
12	19	29.99	0.00	33	30	87	06	0	0	16	29.94	0.00	26	24	95	28	2	6	16	30.05	0.00	25	22	90	34	1	10
15	14	29.97	0.00	33	30	87	27	0	4	12	29.94	0.00	26	24	95	27	2	7	9	30.07	0.00	24	21	89	28	0	9
18	0	29.99	0.00	30	28	92	35	0	2	0	29.99	0.00	24	22	94	27	0	2	0	30.11	0.00	23	20	90	03	0	4
21	0	29.98	0.00	29	28	93	35	0	4	0	30.00	0.00	23	21	94	31	0	3	0	30.11	0.00	22	20	92	33	0	2
JAN 07									JAN 08									JAN 09									
00	0	30.11	0.00	21	19	91	28	2	8	0	30.16	0.00	20	17	89	35	0	5	0	29.97	0.00	15	11	84	30	0	3
03	0	30.15	0.00	20	18	91	31	1	4	0	30.16	0.00	18	16	90	30	3	6	0	29.96	0.00	16	12	84	34	1	5
06	0	30.18	0.00	19	17	93	34	1	3	0	30.14	0.00	17	15	92	28	3	10	0	29.97	0.00	14	10	85	00	2	4
09	12	30.22	0.00	22	19	91	30	3	11	7	30.13	0.00	17	15	90	30	1	9	30	30.01	0.00	18	11	71	33	3	9
12	28	30.18	0.00	24	20	85	00	2	9	35	30.07	0.00	18	15	86	01	2	5	128	29.98	0.00	24	9	53	00	5	11
15	7	30.17	0.00	25	21	85	35	1	8	86	30.03	0.00	21	15	77	29	2	9	125	29.99	0.00	24	10	54	34	4	11
18	0	30.20	0.00	23	20	88	32	1	4	0	30.03	0.00	14	11	86	00	0	0	0	30.03	0.00	17	12	79	34	0	1
21	0	30.20	0.00	21	18	89	28	2	10	0	30.00	0.00	15	11	84	30	0	0	0	30.06	0.00	22	15	76	00	1	8
JAN 10									JAN 11									JAN 12									
00	0	30.08	0.00	22	17	83	35	0	0	0	30.29	0.00	14	12	90	08	0	0	0	30.06	0.00	26	24	91	17	5	11
03	0	30.14	0.00	21	18	88	29	2	7	0	30.31	0.00	19	18	93	17	3	7	0	30.04	0.00	26	24	92	16	4	9
06	0	30.18	0.00	21	18	89	34	0	5	0	30.29	0.00	21	19	90	17	5	10	0	30.04	0.00	26	24	92	17	4	8
09	14	30.24	0.00	20	17	88	01	0	3	21	30.28	0.00	21	18	87	16	7	14	11	30.08	0.00	27	24	89	17	2	6
12	46	30.25	0.00	21	18	87	01	0	3	49	30.20	0.00	25	20	83	17	5	9	156	30.03	0.00	31	26	80	21	4	8
15	200	30.24	0.00	22	17	82	03	0	0	30	30.17	0.00	26	22	83	17	2	11	19	30.03	0.00	31	25	81	20	0	5
18	0	30.26	0.00	16	13	89	03	0	0	0	30.14	0.00	25	23	91	18	5	13	0	30.02	0.00	28	25	87	20	0	0
21	0	30.29	0.00	11	9	90	03	0	0	0	30.09	0.00	25	24	93	17	4	9	0	30.02	0.00	27	24	89	20	0	0
JAN 13									JAN 14									JAN 15									
00	0	29.99	0.00	27	24	89	20	0	3	0	29.78	0.00	30	25	83	16	4	12	0	29.91	0.00	29	27	92	16	0	0
03	0	29.98	0.00	27	25	93	17	2	5	0	29.78	0.00	31	25	81	17	5	11	0	29.95	0.00	24	22	93	16	0	0
06	0	29.97	0.00	27	26	94	17	3	6	0	29.77	0.00	31	26	82	18	3	7	0	29.97	0.00	23	22	95	04	0	4
10	26	29.95	0.00	28	26	91	16	4	8	23	29.80	0.00	32	27	80	17	1	7	37	30.02	0.00	23	22	95	07	0	1
12	63	29.89	0.00	31	26	84	16	7	13	60	29.79	0.00	34	28	78	16	0	0	457	29.99	0.00	37	30	75	13	2	6
15	30	29.85	0.00	31	26	81	17	4	10	23	29.79	0.00	34	28	79	16	0	0	105	29.97	0.00	36	28	72	15	3	10
18	0	29.82	0.00	30	25	83	13	4	11	0	29.83	0.00	31	28	88	16	0	0	0	29.96	0.00	34	27	76	15	2	12
21	0	29.80	0.00	30	25	83	17	3	9	0	29.89	0.00	30	28	90	16	0	0	0	29.96	0.00	35	27	72	15	4	13
JAN 16									JAN 17									JAN 18									
00	0	29.88	0.00	34	26	71	14	2	13	0	29.15	0.00	31	30	96	25	0	0	0	29.51	0.00	27	24	90	26	0	6
03	0	29.82	0.00	37	30	77	15	7	15	0	29.17	0.00	31	30	96	20	0	0	0	29.53	0.00	25	22	90	26	2	7
06	0	29.68	0.00	37	32	82	15	8	16	0	29.21	0.00	31	30	95	20	0	0	0	29.55	0.00	22	20	92	28	4	9
09	11	29.54	0.00	34	32	92	07	0	0	9	29.26	0.00	31	29	92	20	0	0	12	29.60	0.00	21	18	88	27	3	8
12	30	29.35	0.00	33	32	95	19	2	4	12	29.30	0.00	31	29	90	20	1	8	33	29.63	0.00	21	17	85	01	0	5
15	11	29.27	0.00	33	32	94	27	0	4	12	29.37	0.00	30	27	88	22	4	8	23	29.67	0.00	20	16	84	29	0	0
18	0	29.22	0.00	32	31	95	25	0	0	0	29.47	0.00	29	26	88	22	7	13	0	29.77	0.00	17	14	88	02	1	5
21	0	29.19	0.00	31	30	96	23	0	0	0	29.51	0.00	28	24	86	22	10	22	0	29.86	0.00	16	13	89	03	0	2

### MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ended: Date	--	--	--	--	--	--	--	--	--	--	--	--
Ended: Time	----	----	----	----	----	----	----	----	----	----	----	----

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

## January 2021: Westford

Hour	JAN 19									JAN 20									JAN 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	12	8	86	01	0	3	0	29.88	0.00	24	23	94	18	3	6	0	29.95	0.00	-1	-4	86	29	0	0
03	0	29.92	0.00	6	4	90	02	0	0	0	29.87	0.00	23	21	92	30	0	3	0	29.87	0.00	2	-1	87	12	0	0
06	0	29.96	0.00	5	3	90	04	0	0	0	29.84	0.00	22	20	93	30	0	0	0	29.77	0.00	10	6	82	15	6	10
09	18	30.00	0.00	7	4	89	04	0	0	9	29.85	0.00	22	20	92	30	0	0	7	29.68	0.00	13	10	87	16	4	12
12	62	29.97	0.00	21	16	82	17	4	10	51	29.86	0.00	22	18	86	29	2	10	21	29.59	0.00	18	15	88	16	6	15
15	56	29.94	0.00	23	18	80	18	0	5	16	29.92	0.00	19	14	83	30	5	12	5	29.53	0.00	20	17	89	17	6	13
18	0	29.94	0.00	22	19	90	18	1	4	0	29.99	0.00	11	6	79	27	3	11	0	29.52	0.00	22	19	90	15	6	16
21	0	29.92	0.00	23	21	92	17	3	7	0	29.98	0.00	6	2	87	29	0	0	0	29.49	0.00	25	22	88	16	6	23
JAN 22									JAN 23									JAN 24									
00	0	29.48	0.00	27	23	86	18	6	15	0	29.82	0.00	16	13	85	27	7	12	0	30.10	0.00	3	-1	81	27	2	11
03	0	29.48	0.00	28	25	91	16	6	11	0	29.86	0.00	14	10	87	29	0	7	0	30.11	0.00	3	-3	78	25	5	11
06	0	29.49	0.00	28	25	90	17	5	9	0	29.91	0.00	9	6	84	27	3	12	0	30.13	0.00	3	-2	76	27	9	15
09	0	29.56	0.00	29	26	91	24	5	9	35	29.98	0.00	8	3	80	29	5	13	14	30.14	0.00	6	-2	70	26	7	12
12	53	29.60	0.00	29	25	84	27	0	6	97	30.00	0.00	11	3	72	29	6	12	545	30.10	0.00	12	3	66	28	11	21
15	54	29.64	0.00	29	22	76	28	4	8	81	30.03	0.00	10	3	73	30	6	14	332	30.09	0.00	14	5	66	32	4	11
18	0	29.73	0.00	23	18	80	33	0	4	0	30.10	0.00	5	-1	76	27	6	13	0	30.13	0.00	10	3	71	33	0	4
21	0	29.79	0.00	18	14	81	21	0	3	0	30.12	0.00	6	0	76	27	2	12	0	30.13	0.00	7	1	77	02	0	2
JAN 25									JAN 26									JAN 27									
00	0	30.12	0.00	5	2	85	02	0	0	0	30.11	0.00	17	15	90	11	0	0	0	29.86	0.00	24	22	92	16	0	0
03	0	30.13	0.00	4	1	86	02	0	0	0	30.09	0.00	18	16	90	11	0	0	0	29.88	0.00	24	21	91	16	0	0
06	0	30.15	0.00	2	-1	88	02	0	0	0	30.09	0.00	19	15	85	13	0	0	0	29.94	0.00	23	21	92	16	0	0
09	16	30.15	0.00	6	3	90	02	0	0	11	30.08	0.00	17	15	91	13	0	1	28	29.99	0.00	25	23	90	16	0	0
12	51	30.13	0.00	18	12	76	23	0	5	563	30.01	0.00	29	20	68	32	1	6	40	30.03	0.00	24	21	88	26	0	4
15	283	30.12	0.00	23	15	71	18	0	4	26	29.94	0.00	29	21	70	26	0	3	11	30.07	0.00	23	20	91	31	0	5
18	0	30.10	0.00	18	13	81	05	0	0	0	29.92	0.00	26	20	78	16	3	7	0	30.10	0.00	22	20	93	35	0	0
21	0	30.13	0.00	15	13	89	05	0	0	0	29.90	0.00	24	22	90	16	0	0	0	30.11	0.00	22	20	93	23	0	1
JAN 28									JAN 29									JAN 30									
00	0	30.11	0.00	21	18	91	34	0	0	0	30.08	0.00	3	-3	75	26	8	19	0	30.24	0.00	4	-1	79	29	2	10
03	0	30.09	0.00	20	17	85	02	0	9	0	30.07	0.00	-1	-5	81	27	7	14	0	30.24	0.00	4	-1	79	28	3	12
06	0	30.08	0.00	18	15	88	27	0	4	0	30.10	0.00	-2	-6	81	28	4	14	0	30.25	0.00	3	-1	83	28	3	10
09	28	30.12	0.00	18	14	84	27	2	6	56	30.14	0.00	-1	-6	80	28	2	12	54	30.29	0.00	4	-0	82	27	0	8
12	88	30.09	0.00	19	13	77	27	2	8	148	30.14	0.00	4	-2	73	32	3	12	100	30.30	0.00	5	-2	72	29	5	11
15	33	30.08	0.00	16	9	74	28	4	11	72	30.16	0.00	5	-2	73	28	2	8	346	30.30	0.00	8	-1	67	31	2	9
18	0	30.11	0.00	12	5	75	27	7	14	0	30.22	0.00	2	-3	78	32	0	4	0	30.34	0.00	2	-3	80	35	1	6
21	0	30.10	0.00	8	2	77	28	6	19	0	30.25	0.00	4	-2	77	26	1	6	0	30.38	0.00	-1	-5	85	01	0	0
JAN 31																											
00	0	30.34	0.00	-4	-7	86	01	0	0																		
03	0	30.37	0.00	0	-3	87	01	0	0																		
06	0	30.38	0.00	-7	-11	83	01	0	0																		
09	21	30.38	0.00	-2	-5	88	01	0	0																		
12	664	30.36	0.00	12	3	67	35	0	3																		
15	211	30.30	0.00	15	4	62	32	1	5																		
18	0	30.31	0.00	5	-2	75	31	0	0																		
21	0	30.30	0.00	-2	-5	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	29.980	19	16	87	1.4	23	0.8
03	0	29.981	19	16	88	1.7	22	0.9
06	0	29.978	19	16	88	2.1	22	1.0
09	19	29.996	19	16	88	1.8	24	1.0
12	123	29.970	23	18	81	2.6	26	1.1
15	75	29.966	24	18	79	2.0	27	1.0
18	0	29.991	20	16	84	1.5	22	0.8
21	0	29.994	19	16	86	1.5	21	1.0

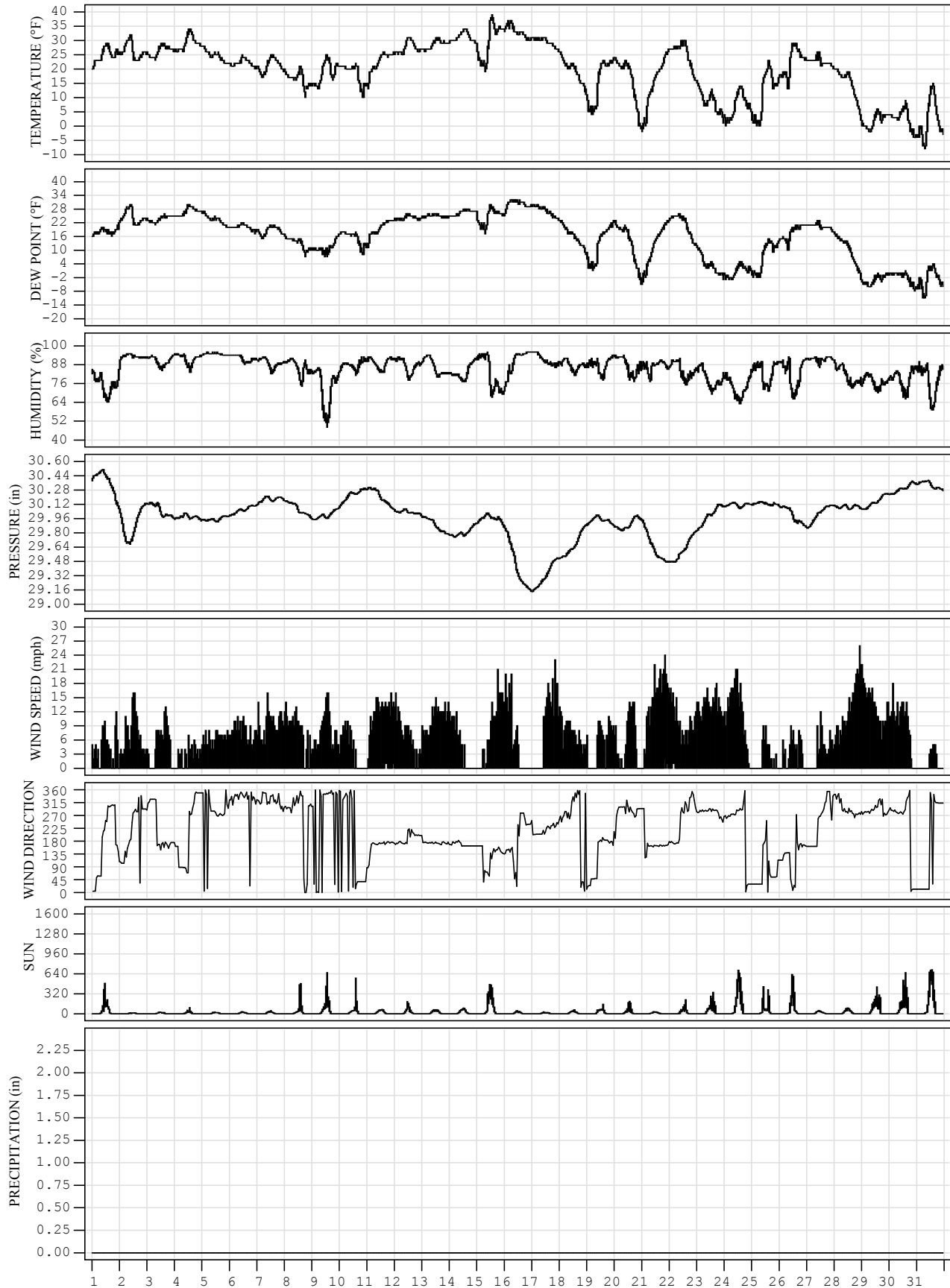
## HOURLY PRECIPITATION (Water Equivalent) January 2021: Westford

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
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29																									29
30																									30
31																									31
<b>Sum</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>Sum</b>

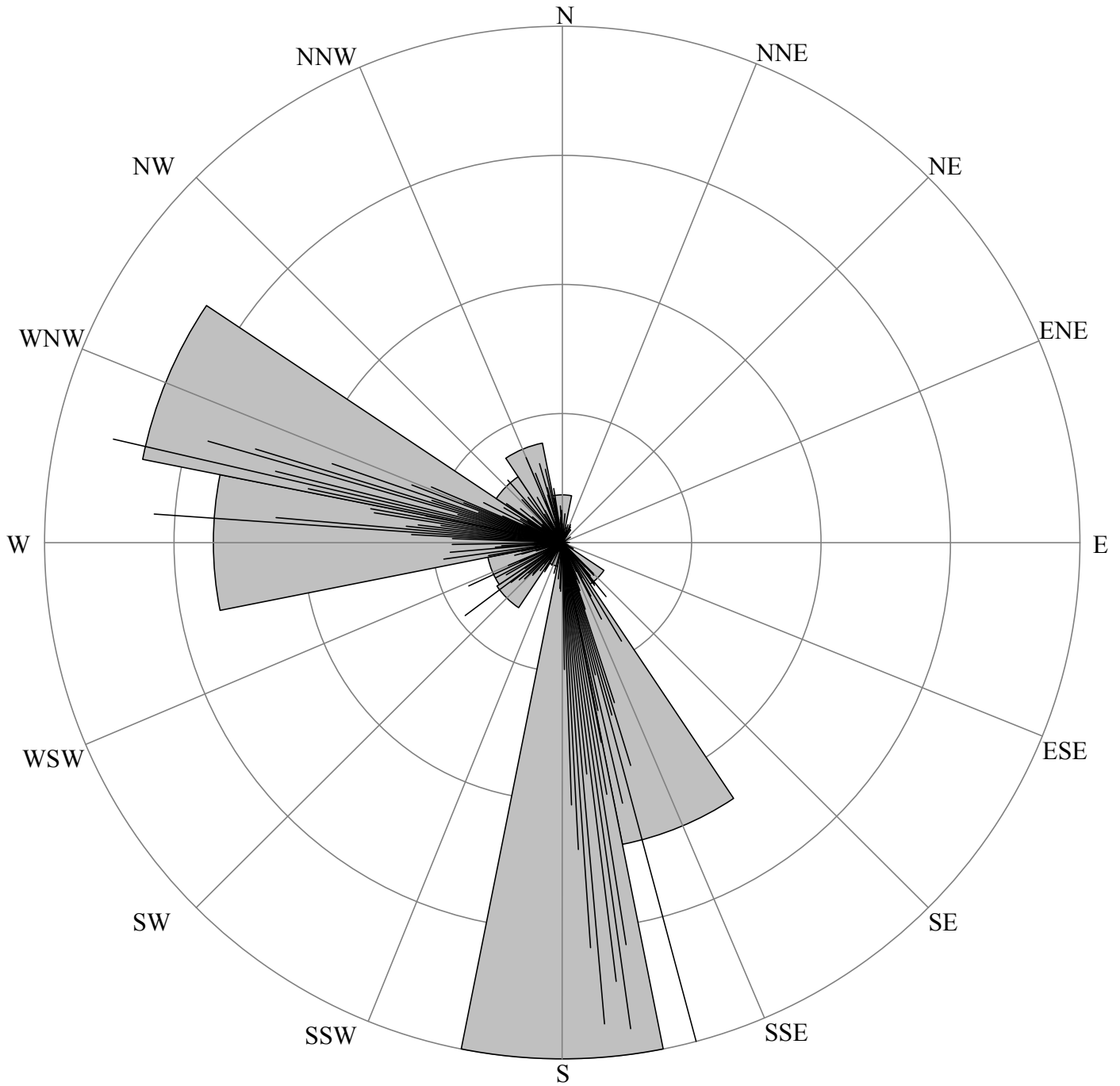
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

# HOUR-BY-HOUR DATA

## January 2021: Westford



Wind Rose: January 2021  
Westford



Maximum direction of wind: 43.3 miles from 165°  
Maximum sector of wind: 318.2 miles from S  
1281.2 total miles of wind