

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

January 2023

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	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	49.3*	33.0	41.1*	39.9	37	91	24	0	.....	0	0.34	0.0	29.95	29.57	29.774	3.6	3.3	238	20	WSW	11	259	25
2	41.9	32.8	37.4	36.0	32	85	27	0	.....	0	0.00	0.0	30.13	29.93	30.028	2.4	2.2	210	17	WSW	12	244	31
3	38.2	27.9	33.1	34.0	31	87	32	0	.....	0	0.0	0.0	30.11	29.78	29.937	0.5	0.3	150	7	SSE	4	157	21
4	36.1	32.6	34.3	34.8	34	97	30	0	.....	0	0.54	0.0	29.95	29.75	29.865	0.2	0.2	345	12	NNE	4	275	11
5	42.2	33.6	37.9	37.4	36	95	27	0	.....	0	0.58	0.0	29.98	29.82	29.903	1.4	1.2	168	15	SSE	8	169	14
6	39.4	31.7	35.6	35.1	34	96	29	0	.....	0	0.04	0.0	29.99	29.90	29.942	1.1	0.9	193	13	SW	7	222	27
7	33.5	16.0	24.8	25.1	23	91	40	0	.....6..	T	0.09	0.4	30.30	29.96	30.107	2.9	2.3	286	19	WNW	10	270	14
8	27.1	14.3	20.7	19.3	15	82	44	0	.....	T	0.8	0.8	30.33	30.03	30.222	1.8	1.5	194	14	S	7	195	68
9	30.5	15.6	23.1	25.4	22	88	41	0	.....	T	0.02	0.2	30.03	29.79	29.882	2.0	1.9	211	19	WSW	9	226	17
10	30.5	6.9	18.7	17.6	13	84	46	0	.....	1	0.04	0.7	30.21	29.79	30.035	2.5	2.3	286	24	WNW	13	276	36
11	25.4	2.0	13.7	14.5	10	82	51	0	.....	1	0.00	0.0	30.31	30.20	30.257	0.3	0.3	120	9	SE	5	164	68
12	36.4	23.8	30.1	31.0	27	85	35	0	.....	1	0.18	T	30.20	29.70	30.024	3.1	3.1	153	19	SSE	9	159	15
13	34.2	20.7	27.5	28.4	27	95	37	0	.....	3	0.71	2.3	29.88	29.50	29.646	1.9	1.7	312	15	WNW	8	291	7
14	20.7	16.8	18.8	18.8	17	93	46	0	.....	3	0.01	0.1	30.14	29.85	30.001	1.8	1.7	339	16	N	6	330	5
15	20.7	6.9	13.8	15.1	13	90	51	0	.....	3	0.00	0.0	30.30	30.14	30.244	1.2	1.1	341	13	N	5	344	13
16	20.5	5.7	13.1	14.4	11	88	51	0	.....	3	T	T	30.20	29.82	30.021	1.1	1.0	348	11	WNW	6	345	8
17	37.3	14.7	26.0	27.1	22	81	39	0	.....	2	0.00	0.0	29.82	29.55	29.667	1.4	1.4	180	14	SSE	8	177	69
18	34.8	28.3	31.5	32.0	30	93	33	0	.....	2	0.00	0.0	29.96	29.53	29.709	1.7	1.5	189	15	SSE	9	177	11
19	31.2	27.3	29.3	29.2	26	88	36	0	.....	4	0.30	2.6	30.05	29.60	29.897	0.5	0.4	301	13	W	6	271	23
20	34.6	23.2	28.9	30.8	29	92	36	0	.....	6	0.24	2.2	29.89	29.53	29.641	0.4	0.2	191	12	S	5	163	14
21	26.7	20.2	23.5	23.8	22	92	41	0	.....	5	T	T	30.18	29.89	30.099	0.2	0.1	228	9	W	4	285	6
22	29.2	24.4	26.8	26.7	24	90	38	0	.....	5	0.00	0.0	30.17	29.85	30.039	2.0	2.0	171	15	SSE	8	169	6
23	28.6	25.4	27.0	26.9	25	92	38	0	.....	6	0.19	2.0	29.86	29.60	29.717	1.8	1.5	298	16	WSW	9	286	5
24	32.6	24.1	28.3	29.1	25	86	36	0	.....	6	0.03	0.1	30.20	29.80	29.940	3.3	2.7	222	18	S	9	204	6
25	28.1	11.7	19.9	22.0	18	86	45	0	.....	8	0.25	2.6	30.30	29.67	30.115	0.5	0.3	114	13	ESE	6	168	21
26	33.2	20.4	26.8	26.5	24	89	38	0	.....	10	0.36	3.1	29.81	29.30	29.492	2.3	1.8	236	21	SW	12	244	5
27	32.2	17.5	24.9	25.7	20	79	40	0	.....	9	T	T	30.05	29.81	29.975	2.7	2.4	181	35	WSW	10	172	79
28	37.0	27.8	32.4	31.6	24	73	32	0	.....	8	T	T	30.27	29.92	30.066	7.2	6.1	200	35	SSE	16	241	34
29	36.6	15.8	26.2	27.2	22	81	38	0	.....	8	0.05	0.3	30.29	29.93	30.104	2.0	1.6	189	19	SSE	11	160	23
30	20.2	10.9	15.6	15.7	13	88	49	0	.....	8	0.04	0.9	30.23	30.10	30.167	0.6	0.6	4	11	N	5	14	19
31	19.1	1.1*	10.1*	11.4	4	72	55	0	.....	9	0.05	2.0	30.32	30.09	30.242	1.8	1.4	290	19	WNW	9	281	88
Sum	Sum	-----	-----	---	----	Ttl	Ttl				Total	Total	For the month:										---
988	613					1205	0		Number of Days		4.01	20.3	30.33	29.30	29.960	1.8	0.9	221	35	WSW	16	241	
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg		
31.9	19.8	25.8	26.2	23	87.4	----	----		≥.01 inch	19	4.06	36.8	8	26	-----	----	----	---	27+	28	25		
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			3777	0	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	3.1	26	10		26									
0	15	27	0	----	----	Clear	1	Partly Cloudy			4	Cloudy			26								

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

January 2023: 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	29.59	0.00	49	48	96	18	5	11	0	29.94	0.00	33	31	93	24	0	0	0	30.11	0.00	34	29	82	18	1	4
03	0	29.58	0.00	48	47	97	22	5	11	0	29.96	0.00	34	31	90	24	0	0	0	30.08	0.00	29	27	90	17	2	5
06	0	29.66	0.00	44	43	96	24	8	12	0	29.98	0.00	33	31	94	24	0	0	0	30.07	0.00	30	28	91	16	0	2
09	19	29.76	0.00	40	38	95	24	5	10	16	30.01	0.00	35	32	90	18	4	8	56	30.04	0.00	32	29	89	16	0	0
12	105	29.79	0.00	40	39	94	25	1	7	178	30.01	0.00	41	36	82	20	6	10	83	29.95	0.00	36	31	80	04	1	4
15	49	29.83	0.00	38	32	98	21	4	11	26	30.03	0.00	40	33	76	20	4	9	37	29.83	0.00	38	32	80	05	0	1
18	0	29.89	0.00	35	31	85	22	2	7	0	30.09	0.00	38	32	80	25	0	7	0	29.79	0.00	38	34	86	01	0	0
21	0	29.93	0.00	34	31	88	24	0	0	0	30.13	0.00	36	30	80	23	3	10	0	29.78	0.00	36	34	93	01	0	0
JAN 04									JAN 05									JAN 06									
00	0	29.78	0.00	35	33	95	01	0	0	0	29.84	0.00	36	35	97	01	1	6	0	29.95	0.00	34	33	96	09	0	0
03	0	29.78	0.00	35	34	96	01	0	0	0	29.83	0.00	36	36	97	10	0	0	0	29.92	0.00	34	33	97	09	0	2
06	0	29.82	0.00	33	32	96	30	0	3	0	29.88	0.00	37	37	98	18	4	7	0	29.92	0.00	33	32	97	16	4	9
09	30	29.85	0.00	34	33	97	30	0	0	32	29.90	0.00	39	38	96	15	1	9	54	29.94	0.00	33	32	97	18	0	0
12	47	29.91	0.00	35	34	97	27	0	0	37	29.92	0.00	42	39	91	17	3	6	111	29.92	0.00	37	36	95	18	0	5
15	18	29.93	0.00	36	35	97	29	0	0	19	29.92	0.00	41	38	90	17	0	0	40	29.92	0.00	39	37	93	16	0	5
18	0	29.92	0.00	36	35	97	29	0	2	0	29.94	0.00	36	35	96	01	0	0	0	29.95	0.00	36	35	95	25	0	0
21	0	29.88	0.00	35	35	97	03	0	3	0	29.96	0.00	34	33	96	34	0	3	0	29.99	0.00	35	33	94	22	6	12
JAN 07									JAN 08									JAN 09									
00	0	29.98	0.00	34	32	95	17	2	8	0	30.30	0.00	16	13	89	32	1	3	0	30.03	0.00	20	17	86	18	0	2
03	0	29.98	0.00	33	33	97	18	2	8	0	30.31	0.00	16	12	87	27	1	4	0	29.99	0.00	16	14	91	18	0	0
06	0	30.02	0.00	29	28	94	27	4	15	0	30.33	0.00	15	12	87	26	0	0	0	29.92	0.00	20	18	92	18	0	0
09	18	30.07	0.00	26	24	91	28	2	8	46	30.33	0.00	15	12	85	18	1	4	25	29.92	0.00	24	21	88	19	0	0
12	63	30.08	0.00	25	22	89	34	4	8	281	30.25	0.00	22	16	77	17	4	7	76	29.87	0.00	28	24	85	18	2	5
15	26	30.11	0.00	23	20	87	29	3	10	97	30.17	0.00	26	18	70	18	1	10	18	29.84	0.00	28	24	84	24	4	10
18	0	30.21	0.00	21	18	87	29	7	12	0	30.13	0.00	21	16	81	17	2	6	0	29.81	0.00	29	25	85	20	3	10
21	0	30.26	0.00	19	16	89	28	5	14	0	30.07	0.00	22	17	81	20	4	9	0	29.79	0.00	30	27	89	22	5	12
JAN 10									JAN 11									JAN 12									
00	0	29.79	0.00	30	28	90	22	1	5	0	30.21	0.00	8	6	91	02	0	0	0	30.20	0.00	25	18	73	16	2	7
03	0	29.90	0.00	24	20	83	27	3	14	0	30.24	0.00	6	3	88	02	0	0	0	30.19	0.00	26	22	83	16	3	9
06	0	29.94	0.00	21	16	81	26	7	15	0	30.27	0.00	2	-1	87	02	0	0	0	30.15	0.00	28	24	85	13	0	10
09	67	30.04	0.00	16	12	84	25	3	10	28	30.29	0.00	7	4	88	02	0	3	60	30.11	0.00	32	26	80	16	5	13
12	155	30.04	0.00	18	12	77	26	3	11	299	30.28	0.00	21	15	76	18	1	5	37	30.05	0.00	31	29	91	13	3	14
15	137	30.07	0.00	20	14	76	00	2	5	95	30.25	0.00	23	15	70	02	1	3	21	29.97	0.00	33	29	83	15	5	15
18	0	30.12	0.00	13	10	89	35	0	5	0	30.27	0.00	18	14	83	02	0	0	0	29.92	0.00	35	31	86	15	2	17
21	0	30.17	0.00	10	7	90	02	0	0	0	30.24	0.00	20	16	83	02	0	0	0	29.84	0.00	35	33	92	15	0	6
JAN 13									JAN 14									JAN 15									
00	0	29.70	0.00	33	32	95	12	0	0	0	29.86	0.00	21	19	93	29	1	8	0	30.14	0.00	17	15	92	02	2	7
03	0	29.60	0.00	33	32	96	12	0	0	0	29.89	0.00	20	18	93	31	1	5	0	30.19	0.00	16	14	92	34	1	5
06	0	29.51	0.00	34	33	97	12	0	0	0	29.93	0.00	19	17	93	33	1	6	0	30.24	0.00	16	14	92	34	0	6
10	16	29.50	0.00	32	31	97	35	0	5	7	29.96	0.00	19	17	93	27	1	6	16	30.27	0.00	17	15	92	29	2	8
12	42	29.55	0.00	28	26	95	28	5	11	19	30.00	0.00	19	18	93	32	1	7	42	30.27	0.00	19	16	88	29	1	9
15	7	29.65	0.00	27	25	93	28	3	8	9	30.02	0.00	19	17	92	33	1	5	19	30.26	0.00	18	14	86	34	2	6
18	0	29.77	0.00	24	22	93	33	1	11	0	30.10	0.00	18	16	93	00	1	6	0	30.29	0.00	13	11	90	02	1	6
21	0	29.84	0.00	23	21	93	35	1	6	0	30.13	0.00	18	17	93	29	2	10	0	30.26	0.00	11	8	90	02	0	1
JAN 16									JAN 17									JAN 18									
00	0	30.20	0.00	7	5	90	00	0	0	0	29.82	0.00	20	17	86	00	0	0	0	29.55	0.00	31	28	87	18	3	9
03	0	30.17	0.00	8	6	90	00	1	3	0	29.77	0.00	22	19	88	00	0	1	0	29.55	0.00	31	29	90	17	4	9
06	0	30.15	0.00	9	6	90	27	0	0	0	29.73	0.00	18	15	90	00	0	0	0	29.57	0.00	32	30	94	18	5	10
09	11	30.11	0.00	13	10	91	01	4	9	9	29.73	0.00	19	17	93	15	2	6	11	29.65	0.00	33	31	95	17	0	0
12	21	30.01	0.00	16	14	89	29	1	9	373	29.65	0.00	33	23	68	21	3	8	26	29.68	0.00	33	32	96	18	0	0
15	23	29.94	0.00	19	16	86	01	3	9	53	29.61	0.00	34	26	71	18	0	0	35	29.74	0.00	34	33	94	26	4	9
18	0	29.93	0.00	19	15	85	03	1	4	0	29.58	0.00	31	25	78	18	2	4	0	29.83	0.00	31	29	94	25	0	0
21	0	29.88	0.00	19	16	86	33	1	3	0	29.57	0.00	31	26	80	18	4	11	0	29.93	0.00	31	29	93	25	1	6

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 2023: 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	29.96	0.00	29	26	88	27	5	10	0	29.60	0.00	30	29	94	07	0	2	0	29.89	0.00	23	22	94	28	4	8
03	0	30.01	0.00	29	26	89	27	2	13	0	29.57	0.00	32	28	87	17	2	12	0	29.98	0.00	21	19	93	00	0	0
06	0	29.99	0.00	28	25	89	02	0	4	0	29.54	0.00	32	29	87	16	4	9	0	30.06	0.00	21	19	93	00	0	0
09	49	30.04	0.00	29	25	87	02	0	0	7	29.57	0.00	31	29	92	15	0	0	11	30.13	0.00	22	20	92	01	0	0
12	114	29.96	0.00	31	26	84	02	0	3	40	29.57	0.00	32	30	92	01	3	5	30	30.14	0.00	26	23	89	14	0	0
15	33	29.88	0.00	30	26	82	00	0	4	32	29.62	0.00	33	30	92	15	0	0	11	30.13	0.00	26	24	90	19	0	3
18	0	29.78	0.00	29	25	85	00	0	3	0	29.72	0.00	31	30	95	04	0	0	0	30.16	0.00	25	23	92	19	0	0
21	0	29.70	0.00	28	27	93	00	0	0	0	29.81	0.00	29	28	95	28	0	0	0	30.18	0.00	26	24	92	20	2	5
JAN 22									JAN 23									JAN 24									
00	0	30.15	0.00	25	23	93	20	0	0	0	29.85	0.00	29	27	94	17	1	5	0	29.81	0.00	26	23	86	23	4	9
03	0	30.16	0.00	25	23	92	20	0	0	0	29.78	0.00	27	26	95	17	0	0	0	29.82	0.00	28	24	84	18	0	5
06	0	30.12	0.00	25	22	90	17	2	7	0	29.69	0.00	27	26	95	34	0	4	0	29.81	0.00	27	24	86	18	3	11
09	11	30.13	0.00	26	23	89	18	4	7	7	29.67	0.00	28	26	94	29	2	8	23	29.86	0.00	30	27	90	17	5	10
12	26	30.04	0.00	29	24	84	16	5	12	14	29.62	0.00	27	25	91	35	1	10	16	29.90	0.00	32	27	81	21	3	15
15	7	30.00	0.00	28	24	86	20	2	9	11	29.66	0.00	26	24	89	34	4	12	9	29.96	0.00	31	28	88	26	6	9
18	0	29.95	0.00	27	24	88	16	2	9	0	29.73	0.00	26	23	91	27	3	7	0	30.04	0.00	31	27	87	22	3	7
21	0	29.93	0.00	27	26	94	17	0	3	0	29.77	0.00	26	24	90	28	5	9	0	30.14	0.00	29	26	88	26	0	10
JAN 25									JAN 26									JAN 27									
00	0	30.20	0.00	24	17	75	29	3	12	0	29.67	0.00	28	26	93	05	0	5	0	29.81	0.00	22	18	83	23	0	6
03	0	30.24	0.00	18	15	85	01	0	0	0	29.45	0.00	33	30	88	13	2	10	0	29.87	0.00	21	16	82	24	2	7
06	0	30.28	0.00	12	9	89	01	0	0	0	29.33	0.00	31	29	93	18	0	0	0	29.93	0.00	19	15	85	22	2	5
09	54	30.28	0.00	16	14	89	01	0	0	14	29.30	0.00	31	30	95	20	2	7	25	30.02	0.00	21	17	85	21	0	0
12	110	30.24	0.00	23	17	76	02	1	5	19	29.32	0.00	28	26	91	25	5	9	193	30.01	0.00	29	20	69	18	4	11
15	45	30.17	0.00	26	20	79	18	0	1	7	29.46	0.00	21	19	90	28	1	4	113	30.01	0.00	31	23	70	16	2	8
18	0	29.99	0.00	25	23	92	13	0	2	0	29.61	0.00	22	17	84	25	5	14	0	30.03	0.00	30	24	79	17	6	12
21	0	29.81	0.00	27	25	92	10	0	8	0	29.74	0.00	21	17	85	21	2	9	0	30.03	0.00	29	24	82	17	5	10
JAN 28									JAN 29									JAN 30									
00	0	30.01	0.00	28	24	83	13	2	6	0	30.27	0.00	30	23	74	23	2	7	0	30.13	0.00	16	13	88	34	0	0
03	0	29.95	0.00	30	24	77	18	7	19	0	30.28	0.00	27	19	72	25	0	4	0	30.21	0.00	15	12	90	35	2	7
06	0	29.92	0.00	30	22	74	18	10	20	0	30.23	0.00	22	18	85	25	0	0	0	30.21	0.00	13	11	90	00	0	0
09	8	29.95	0.00	29	24	81	18	8	21	91	30.15	0.00	29	22	77	25	0	0	19	30.23	0.00	14	12	90	01	1	4
12	63	30.02	0.00	34	27	75	18	8	14	113	30.04	0.00	33	25	71	17	2	9	81	30.18	0.00	19	14	81	34	1	4
15	69	30.09	0.00	35	24	63	23	6	15	35	29.93	0.00	36	31	81	16	7	15	28	30.13	0.00	20	16	85	02	2	5
18	0	30.20	0.00	33	23	68	26	10	18	0	29.96	0.00	36	32	86	18	1	9	0	30.14	0.00	18	16	89	02	0	0
21	0	30.25	0.00	31	23	71	24	9	15	0	30.05	0.00	17	14	88	34	2	5	0	30.14	0.00	14	12	81	02	0	0
JAN 31																											
00	0	30.11	0.00	11	9	90	11	0	0																		
03	0	30.10	0.00	19	17	92	17	1	4																		
06	0	30.18	0.00	16	14	90	30	3	10																		
09	44	30.28	0.00	14	8	79	31	3	11																		
12	548	30.31	0.00	13	-2	49	28	3	10																		
15	139	30.28	0.00	14	-5	42	03	0	8																		
18	0	30.27	0.00	4	-5	66	04	0	0																		
21	0	30.31	0.00	5	-1	76	04	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	29.950	26	23	89	1.3	23	0.7
03	0	29.947	26	23	89	1.4	20	0.8
06	0	29.948	24	22	90	1.8	21	1.3
09	29	29.970	25	23	90	1.7	21	0.9
12	108	29.954	28	24	84	2.4	22	1.2
15	41	29.949	29	24	82	2.1	24	0.9
18	0	29.973	27	23	87	1.7	24	1.0
21	0	29.985	25	22	89	1.9	24	1.4

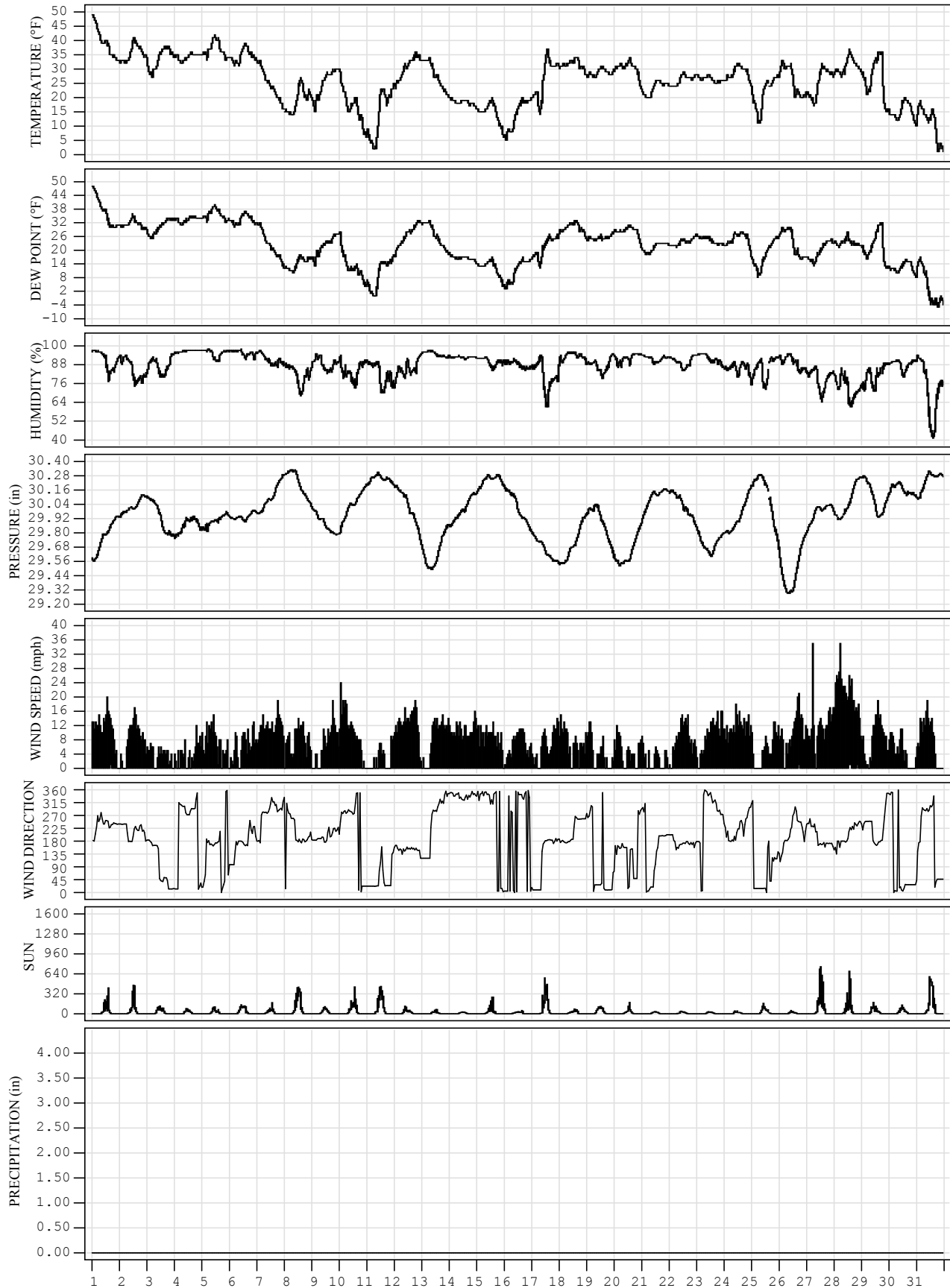
HOURLY PRECIPITATION (Water Equivalent) January 2023: Westford

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
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29																									29
30																									30
31																									31
Sum	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	Sum

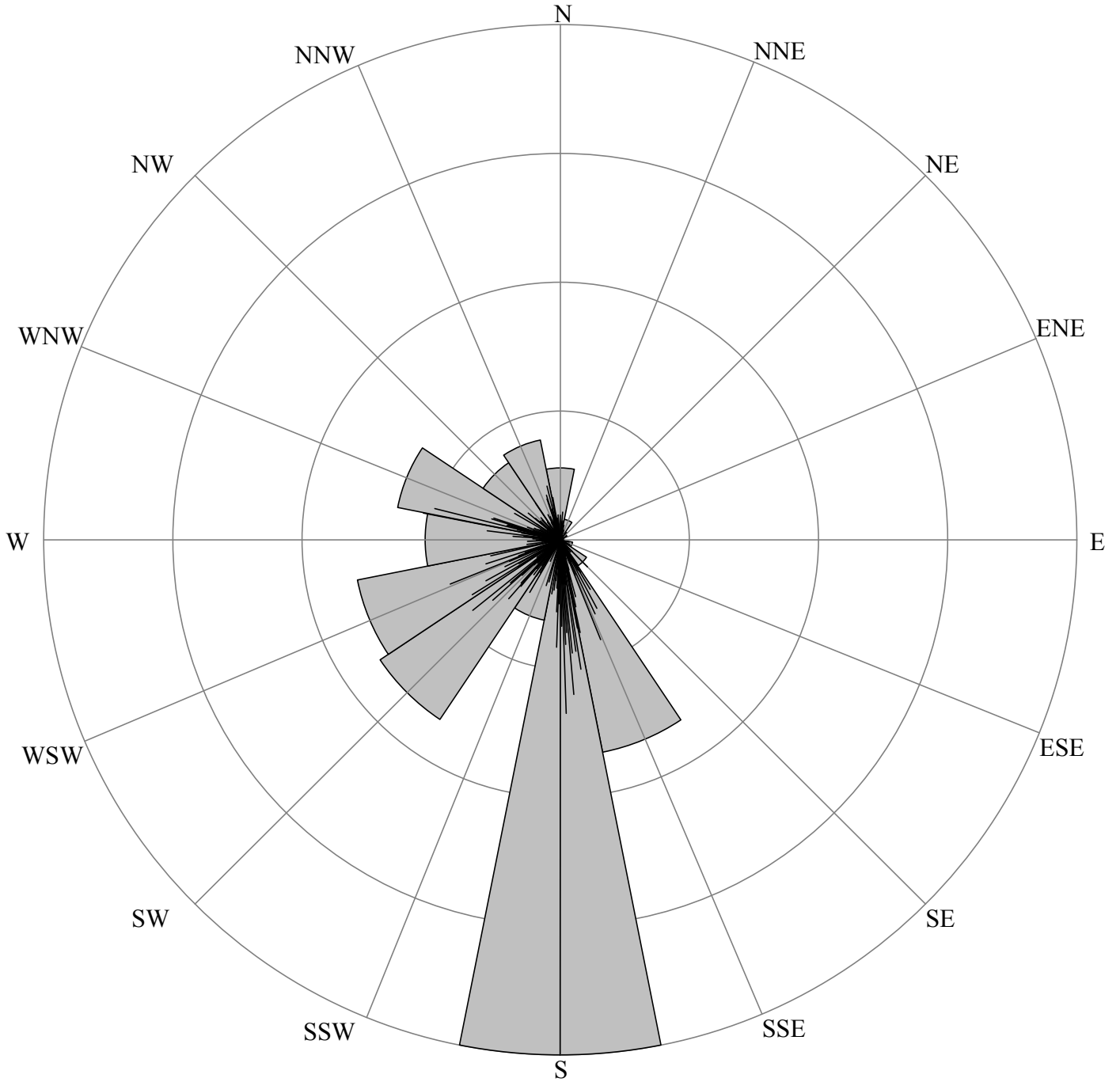
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA

January 2023: Westford



Wind Rose: January 2023
Westford



Maximum direction of wind: 89.8 miles from 180°
Maximum sector of wind: 369.5 miles from S
1346.7 total miles of wind