

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

November 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	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	48.5	33.3	40.9	40.4	34	79	24	0	.....	0	0.21	0.0	30.24	29.52	29.808	8.3	7.9	178	37	SSE	18	172	40
2	36.8	25.7	31.3	29.8	24	78	33	0	.....	0	0.00	0.4	29.69	29.45	29.565	8.6	7.4	250	33	W	19	276	38
3	32.3	23.0	27.6	27.9	22	79	37	0	.....	1	0.01	0.5	30.31	29.45	29.945	4.4	4.0	271	28	W	13	170	14
4	51.9	25.9	38.9	40.7	31	68	26	0	.....	0	0.19	0.0	30.35	30.22	30.275	6.3	6.3	171	27	S	14	168	93
5	65.3	48.9	57.1	57.0	41	55	8	0	.....	0	0.00	0.0	30.24	30.09	30.168	7.8	7.8	172	28	S	14	167	100
6	67.4	52.2	59.8	58.8	44	59	5	0	.....	0	0.00	0.0	30.13	30.01	30.064	5.4	5.4	179	23	S	12	166	92
7	69.2	48.4	58.8	57.7	47	69	6	0	.....	0	0.00	0.0	30.19	30.06	30.118	4.4	4.4	179	20	S	11	179	87
8	71.2	44.9	58.0	56.0	46	71	7	0	.....	0	0.00	0.0	30.30	30.18	30.260	3.2	3.2	174	17	SSE	9	162	94
9	70.4	44.4	57.4	57.3	44	63	8	0	.....	0	0.00	0.0	30.31	30.10	30.224	3.5	3.5	170	14	S	9	181	90
10	70.7	55.2	62.9*	62.2	50	64	2	0	.....	0	0.00	0.0	30.10	29.92	30.004	5.6	5.6	171	23	SSE	14	168	90
11	64.7	55.6	60.1	62.0	57	85	4	0	.....	0	0.14	0.0	29.92	29.73	29.808	7.7	7.1	181	32	SSE	14	182	24
12	55.7	27.5	41.6	38.9	33	80	23	0	.....	0	0.00	0.0	30.14	29.84	30.045	2.1	2.0	288	20	WNW	12	262	51
13	41.5	25.0	33.3	34.1	32	93	31	0	.....	0	0.02	0.0	30.14	29.84	29.970	1.9	1.8	176	16	S	9	174	33
14	39.0	23.9	31.4	34.8	28	75	33	0	.....	0	0.00	0.0	30.24	29.91	30.072	3.4	3.3	253	20	W	12	246	27
15	40.6	22.3	31.4	33.4	27	78	33	0	.....	0	0.50	0.0	30.22	29.52	29.906	3.9	3.9	157	30	SSE	13	152	27
16	43.3	35.9	39.6	40.2	32	74	25	0	.....	0	0.01	0.0	29.81	29.55	29.686	8.1	8.0	220	28	SSE	16	227	27
17	36.4	22.4	29.4	31.3	25	77	36	0	.....	0	0.02	0.1	30.13	29.79	29.892	4.1	3.7	268	22	W	11	271	23
18	22.5	12.8	17.7*	18.9	13	77	47	0	.....	1	0.00	1.3	30.52	30.13	30.395	4.0	4.0	274	19	WSW	11	262	31
19	42.3	10.4*	26.3	29.6	19	67	39	0	.....	0	0.02	0.0	30.51	30.10	30.276	8.1	8.1	170	33	S	18	169	43
20	53.6	42.1	47.8	48.8	33	55	17	0	.....	0	0.01	0.0	30.11	30.01	30.072	7.5	7.5	179	27	SSE	13	175	32
21	52.2	29.0	40.6	40.5	32	70	24	0	.....	0	0.00	0.0	30.49	30.09	30.308	3.6	3.2	259	18	WSW	11	270	33
22	39.9	19.4	29.7	30.2	24	78	35	0	.....	0	T	T	30.52	30.05	30.386	1.6	1.5	158	24	SSE	10	156	35
23	42.4	30.5	36.5	36.1	33	87	28	0	.....	0	0.35	0.0	30.06	29.79	29.919	5.8	4.0	246	24	W	14	272	16
24	31.2	15.5	23.4	23.8	18	79	41	0	.....	0	T	T	30.43	30.05	30.294	3.3	3.2	287	23	WSW	13	270	39
25	40.3	17.2	28.8	30.6	26	82	36	0	.....	1	0.05	1.8	30.41	30.12	30.226	2.7	2.6	171	21	S	11	173	11
26	49.7	35.2	42.5	43.8	42	94	22	0	.....	0	0.23	0.0	30.12	29.86	29.948	1.5	1.5	169	14	SSE	8	167	21
27	48.8	37.7	43.3	42.5	41	93	21	0	.....	0	0.03	0.0	30.03	29.90	29.970	0.8	0.3	214	11	WNW	6	162	21
28	42.1	34.1	38.1	38.2	36	93	27	0	.....	0	0.13	0.0	29.95	29.85	29.887	2.3	2.2	212	15	SW	10	228	24
29	45.9	31.0	38.5	36.7	31	81	26	0	.....	0	0.01	0.0	30.03	29.94	29.995	3.8	3.8	176	17	SSE	10	169	64
30	56.0	31.7	43.9	43.9	38	81	21	0	.....	0	0.57	0.0	30.00	29.29	29.704	2.2	2.1	151	41	SSE	12	144	15
Sum	Sum	-----	-----	---	----	Ttl	Ttl				Total	Total	For the month:										---	
1472	961					725	0		Number of Days		2.50	4.1	30.52	29.29	30.040	4.5	3.3	199	41	SSE	19	276		
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip		Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg				
49.1	32.0	40.5	40.9	33	76.1	----	----		≥.01 inch	17	40.97	4.1	18	30	-----	----	----	---	30	2	44			
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	2	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			1546	499	Thunder	0	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.57	30	1.8	25				1			3+						
0	3	17	0	----	----	Clear	3	Partly Cloudy	6	Cloudy	21													

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

November 2020: Westford

Hour	NOV 01									NOV 02									NOV 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	30.24	0.00	33	25	71	16	10	16	0	29.53	0.00	37	32	84	24	4	11	0	29.46	0.00	29	27	95	18	10	18
03	0	30.13	0.00	34	27	73	17	11	28	0	29.49	0.00	34	29	81	21	6	9	0	29.56	0.00	29	27	89	29	6	20
06	0	30.03	0.00	35	28	74	18	10	24	0	29.46	0.00	32	28	85	25	11	19	0	29.70	0.00	28	24	86	28	5	13
09	120	29.91	0.00	41	32	70	17	9	23	37	29.55	0.00	26	24	90	27	13	24	32	29.88	0.00	28	23	79	29	5	12
12	234	29.74	0.00	47	38	70	15	8	30	163	29.60	0.00	28	17	63	28	13	32	21	30.00	0.00	30	21	71	30	9	17
15	21	29.64	0.18	44	41	89	16	3	15	65	29.65	0.00	29	19	65	28	10	24	51	30.10	0.00	30	19	65	25	7	11
18	0	29.57	0.00	46	43	89	17	7	19	0	29.68	0.00	29	18	63	25	8	16	0	30.19	0.00	27	19	72	24	0	3
21	0	29.57	0.00	39	37	93	22	1	4	0	29.61	0.00	29	23	80	17	5	10	0	30.26	0.00	25	20	82	24	0	0
NOV 04									NOV 05									NOV 06									
00	0	30.31	0.00	26	19	76	14	0	2	0	30.24	0.00	52	38	59	16	8	20	0	30.13	0.00	57	42	58	17	5	19
03	0	30.31	0.00	27	21	80	13	2	8	0	30.23	0.00	52	39	61	17	9	14	0	30.10	0.00	56	42	60	18	5	11
06	0	30.31	0.00	29	23	76	15	3	15	0	30.22	0.00	50	38	64	16	6	12	0	30.11	0.00	54	42	63	16	5	13
09	304	30.31	0.00	37	27	67	16	7	19	285	30.21	0.00	56	40	56	16	8	21	260	30.09	0.00	59	44	58	18	3	15
12	534	30.28	0.06	45	33	63	18	8	22	480	30.14	0.00	63	42	46	17	12	24	417	30.03	0.00	66	45	48	17	7	16
15	199	30.23	0.00	51	37	58	17	8	15	98	30.10	0.00	65	43	45	17	9	17	100	30.01	0.00	65	47	52	18	6	16
18	0	30.23	0.00	49	37	63	16	7	17	0	30.13	0.00	60	42	52	16	7	15	0	30.03	0.00	59	46	61	18	5	12
21	0	30.24	0.00	51	38	61	16	8	17	0	30.13	0.00	58	43	57	16	9	17	0	30.05	0.00	57	45	64	17	3	9
NOV 07									NOV 08									NOV 09									
00	0	30.06	0.00	54	45	71	17	4	7	0	30.18	0.00	52	45	79	20	0	4	0	30.27	0.00	51	44	77	17	4	10
03	0	30.09	0.00	52	45	77	18	4	11	0	30.22	0.00	50	45	84	16	3	7	0	30.27	0.00	49	43	79	17	4	6
06	0	30.12	0.00	51	45	79	17	5	10	0	30.25	0.00	48	44	86	24	3	5	0	30.28	0.00	46	41	84	17	1	4
09	241	30.14	0.00	59	48	66	19	6	17	276	30.30	0.00	59	47	66	18	5	11	258	30.29	0.00	57	45	65	17	3	9
12	352	30.10	0.00	67	51	55	19	4	10	454	30.27	0.00	68	48	49	16	4	11	295	30.23	0.00	68	46	46	16	3	11
15	165	30.09	0.00	69	50	52	18	10	14	160	30.26	0.00	70	49	47	17	3	8	81	30.19	0.00	68	47	47	16	4	13
18	0	30.12	0.00	60	49	66	17	5	11	0	30.27	0.00	57	47	70	17	3	6	0	30.18	0.00	61	45	56	16	5	10
21	0	30.16	0.00	56	47	72	19	0	3	0	30.28	0.00	52	45	78	16	4	7	0	30.16	0.00	59	44	57	17	5	10
NOV 10									NOV 11									NOV 12									
00	0	30.10	0.00	59	43	55	15	4	14	0	29.92	0.00	63	54	74	16	5	13	0	29.84	0.00	56	46	70	26	9	15
03	0	30.07	0.00	58	42	57	14	3	9	0	29.86	0.00	61	55	80	17	6	15	0	29.93	0.00	43	36	78	26	2	9
06	0	30.06	0.00	56	44	64	17	9	15	0	29.85	0.00	60	55	84	17	9	15	0	30.00	0.00	38	33	81	27	2	6
09	267	30.04	0.00	62	50	64	16	7	13	79	29.83	0.00	64	57	79	16	11	23	116	30.06	0.00	40	33	77	28	5	12
12	448	30.00	0.00	70	53	56	19	7	11	93	29.78	0.00	63	59	85	17	12	21	181	30.07	0.00	42	33	71	29	6	12
15	84	29.96	0.00	69	55	60	16	6	11	30	29.74	0.00	64	60	87	17	8	23	86	30.08	0.00	43	33	70	01	2	6
18	0	29.96	0.00	61	53	74	17	4	8	0	29.75	0.00	64	61	91	16	9	21	0	30.10	0.00	36	31	82	02	0	0
21	0	29.95	0.00	63	54	72	17	6	12	0	29.78	0.00	63	62	96	20	4	9	0	30.12	0.00	29	27	92	02	0	0
NOV 13									NOV 14									NOV 15									
00	0	30.13	0.00	28	26	94	02	0	0	0	29.91	0.00	34	32	92	22	0	1	0	30.19	0.00	24	21	89	27	0	0
03	0	30.09	0.00	27	26	95	03	0	0	0	29.92	0.00	37	34	89	20	1	4	0	30.21	0.00	23	20	88	16	2	5
06	0	30.06	0.00	25	24	94	09	0	0	0	29.97	0.00	39	33	79	26	8	16	0	30.16	0.00	25	21	84	16	0	1
10	77	30.00	0.00	33	31	94	14	1	6	76	30.04	0.00	37	26	64	24	7	11	185	30.09	0.00	32	24	72	17	2	10
12	130	29.93	0.00	40	35	82	18	3	5	127	30.05	0.00	38	29	69	26	8	14	151	29.92	0.00	38	24	57	15	4	9
15	37	29.86	0.00	38	37	94	15	3	11	58	30.11	0.00	37	26	63	26	5	13	12	29.78	0.00	40	26	55	15	8	21
18	0	29.90	0.00	39	38	95	17	8	13	0	30.18	0.00	34	23	65	27	2	8	0	29.65	0.05	38	33	84	14	8	19
21	0	29.91	0.00	38	37	95	19	1	8	0	30.24	0.00	28	23	80	27	0	0	0	29.52	0.22	40	37	92	15	2	16
NOV 16									NOV 17									NOV 18									
00	0	29.57	0.00	40	39	96	17	3	8	0	29.81	0.00	36	28	71	25	6	12	0	30.13	0.00	22	14	71	29	9	15
03	0	29.59	0.00	42	37	81	23	11	22	0	29.80	0.00	34	28	77	21	7	11	0	30.22	0.00	19	15	84	28	5	15
06	0	29.60	0.00	41	33	74	22	10	15	0	29.80	0.00	33	27	77	21	3	6	0	30.32	0.00	19	14	83	31	4	9
09	86	29.66	0.00	42	33	69	21	10	23	39	29.84	0.00	32	27	83	27	7	12	40	30.39	0.00	19	15	85	29	3	13
12	107	29.69	0.00	42	33	70	22	8	24	118	29.84	0.00	33	27	78	23	0	4	220	30.42	0.00	21	15	77	27	4	11
15	25	29.72	0.00	41	31	68	22	10	17	30	29.87	0.00	33	26	76	25	2	8	39	30.46	0.00	20	14	77	32	3	12
18	0	29.76	0.00	40	29	65	20	6	15	0	29.97	0.00	29	24	79	25	7	12	0	30.50	0.00	19	11	68	25	1	10
21	0	29.80	0.00	38	29	70	21	5	15	0	30.04	0.00	27	18	70	27	6	10	0	30.51	0.00	16	9	73	24	0	0

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.07	0.12	0.15	0.18	0.21	0.26	0.29	0.33	0.35	0.39	0.43	0.45
Ended: Date	01	15	15	15	15	15	15	15	15	15	15	15
Ended: Time	1908	2126	2128	2135	2132	2136	2138	2147	2153	2142	2201	2226

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

November 2020: Westford

Hour	NOV 19									NOV 20									NOV 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	30.50	0.00	13	9	83	23	0	0	0	30.10	0.00	42	28	57	16	11	23	0	30.09	0.00	52	40	65	18	4	13
03	0	30.49	0.00	16	10	79	16	4	7	0	30.09	0.00	45	30	56	17	8	20	0	30.13	0.00	50	42	72	20	6	12
06	0	30.46	0.00	20	13	74	16	6	10	0	30.10	0.00	45	31	58	17	9	19	0	30.21	0.00	45	36	70	26	3	11
09	83	30.35	0.00	25	18	74	15	5	18	63	30.11	0.00	47	32	57	16	8	18	114	30.28	0.00	43	33	69	27	7	14
12	163	30.21	0.00	34	23	64	16	10	31	141	30.04	0.00	50	34	54	16	7	21	134	30.31	0.00	41	33	75	26	1	12
15	86	30.16	0.00	37	23	56	17	11	21	54	30.03	0.00	53	35	50	17	8	16	40	30.35	0.00	37	29	72	27	4	9
18	0	30.15	0.00	39	25	58	17	12	26	0	30.04	0.00	53	36	52	17	8	16	0	30.43	0.00	35	26	69	28	1	9
21	0	30.11	0.00	40	26	57	16	14	23	0	30.06	0.00	50	35	57	17	5	12	0	30.46	0.00	33	22	65	31	0	4
NOV 22									NOV 23									NOV 24									
00	0	30.49	0.00	29	22	74	29	0	0	0	30.06	0.00	40	34	79	14	7	13	0	30.05	0.00	31	27	85	29	3	10
03	0	30.50	0.00	23	19	86	18	0	0	0	29.92	0.00	40	38	91	17	5	23	0	30.09	0.00	31	26	82	27	5	18
06	0	30.51	0.00	20	18	90	18	0	0	0	29.81	0.04	41	39	94	16	3	6	0	30.18	0.00	28	23	80	29	8	16
09	218	30.52	0.00	24	21	88	18	0	0	26	29.81	0.00	42	41	96	19	3	7	40	30.29	0.00	24	19	81	27	10	19
12	86	30.46	0.00	35	23	62	18	0	6	76	29.87	0.00	36	33	89	25	9	16	165	30.34	0.00	24	16	72	27	7	11
15	19	30.37	0.00	35	23	63	15	0	2	9	29.91	0.00	32	28	84	27	6	12	84	30.37	0.00	25	14	65	28	4	11
18	0	30.28	0.00	32	27	81	07	0	0	0	30.00	0.00	31	26	81	26	4	16	0	30.42	0.00	19	13	78	32	1	3
21	0	30.16	0.00	36	30	79	16	8	16	0	30.01	0.00	31	26	81	26	9	16	0	30.41	0.00	16	13	86	02	0	0
NOV 25									NOV 26									NOV 27									
00	0	30.41	0.00	17	14	86	04	0	4	0	30.12	0.00	40	36	86	16	7	14	0	29.94	0.00	49	48	97	17	5	8
03	0	30.34	0.00	20	15	81	04	0	0	0	30.06	0.04	38	36	92	16	0	6	0	29.97	0.00	49	46	92	21	1	4
06	0	30.32	0.00	22	20	90	17	0	5	0	30.00	0.00	36	35	95	10	0	3	0	30.00	0.00	44	43	93	29	0	3
09	12	30.25	0.00	26	23	88	14	5	10	42	29.95	0.00	41	40	97	09	0	0	47	30.02	0.00	42	40	94	05	0	0
12	58	30.19	0.00	34	28	77	17	4	12	139	29.87	0.00	49	47	92	16	3	8	104	29.99	0.00	44	40	85	03	0	2
15	26	30.14	0.00	37	31	78	18	6	13	26	29.87	0.00	47	45	94	15	0	0	35	29.96	0.00	41	39	93	00	0	4
18	0	30.15	0.00	39	32	78	17	3	8	0	29.90	0.00	48	46	94	17	3	8	0	29.95	0.00	39	37	95	00	0	0
21	0	30.14	0.00	38	33	82	17	2	6	0	29.92	0.00	48	47	96	17	2	7	0	29.93	0.00	38	37	96	01	0	2
NOV 28									NOV 29									NOV 30									
00	0	29.90	0.00	39	37	95	13	0	4	0	29.94	0.00	34	31	89	17	4	7	0	30.00	0.00	39	30	68	14	1	5
03	0	29.87	0.00	38	37	96	25	0	0	0	29.98	0.00	34	31	89	17	6	11	0	29.96	0.00	40	29	65	16	2	7
06	0	29.86	0.00	38	37	97	18	0	3	0	29.98	0.00	32	29	90	16	5	9	0	29.91	0.00	32	28	84	10	0	0
09	14	29.87	0.14	39	38	97	18	4	6	84	30.02	0.00	35	31	87	17	6	11	60	29.89	0.00	42	30	62	15	0	2
12	79	29.85	0.00	40	39	93	21	2	6	385	30.00	0.00	44	36	72	18	8	17	37	29.80	0.00	47	37	69	14	1	10
15	44	29.87	0.00	40	37	92	22	1	10	62	29.99	0.00	45	34	67	17	5	9	21	29.60	0.00	42	40	93	06	2	5
18	0	29.93	0.00	35	33	91	21	4	11	0	30.02	0.00	35	30	81	17	2	5	0	29.41	0.00	50	48	94	13	3	16
21	0	29.94	0.00	38	33	82	22	6	11	0	30.00	0.00	34	29	81	17	2	4	0	29.36	0.00	53	49	87	20	1	14

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	30.054	39	33	78	4.2	19	3.1
03	0	30.049	38	32	80	4.1	20	3.2
06	0	30.055	37	32	81	4.3	21	2.9
09	119	30.067	40	33	76	5.2	21	3.5
12	203	30.034	45	35	69	5.8	21	3.9
15	62	30.014	45	35	69	5.2	20	3.4
18	0	30.029	42	34	75	4.5	18	3.7
21	0	30.027	41	34	78	3.6	19	2.9

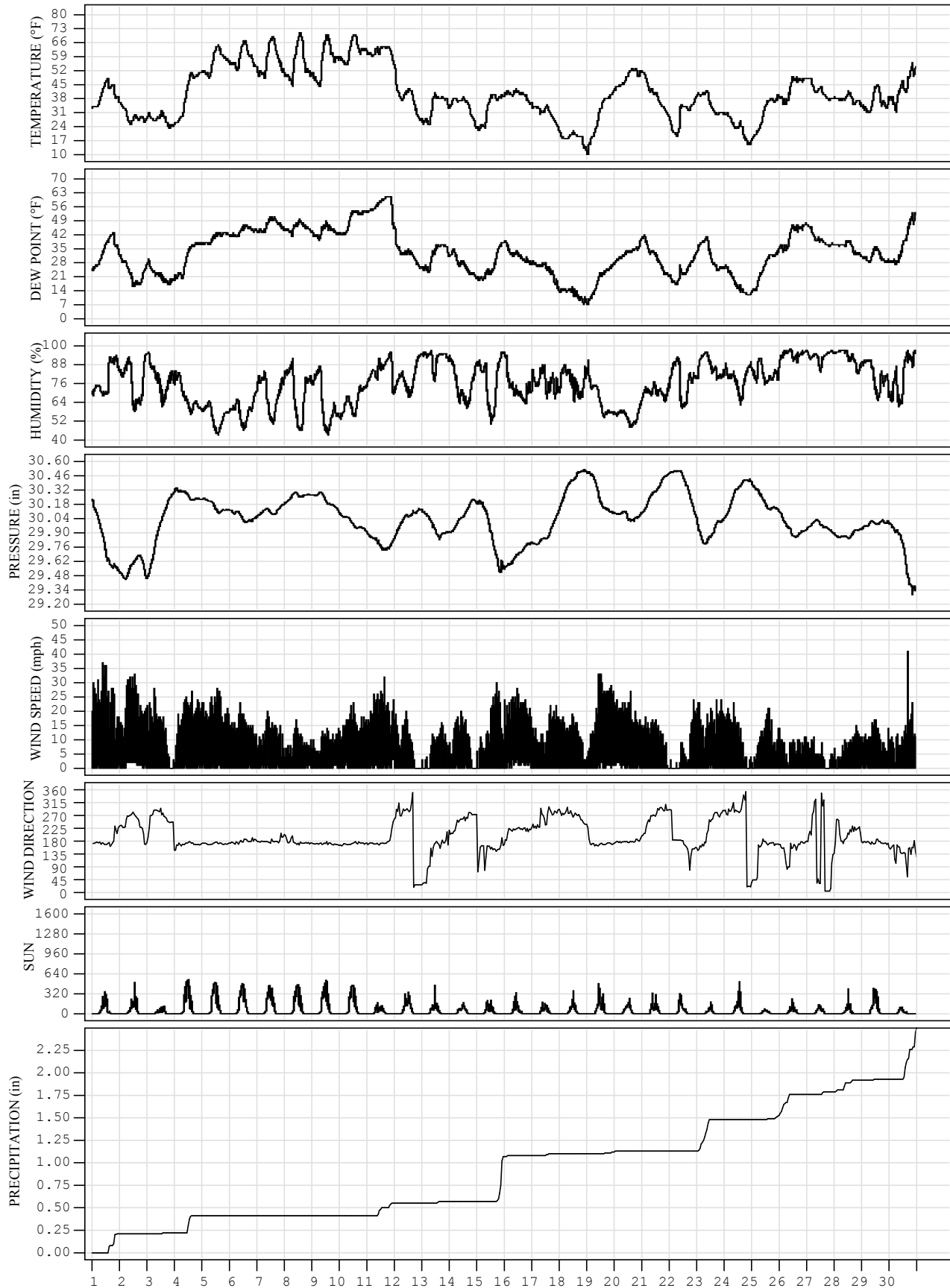
HOURLY PRECIPITATION (Water Equivalent) November 2020: Westford

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															0.07	0.01			0.02	0.10		0.01			01	
02																										02
03															0.01											03
04												0.08	0.07	0.03	0.01											04
05																										05
06																										06
07																										07
08																										08
09																										09
10																										10
11										0.02	0.04	0.01	0.02							0.03	0.01	0.01				11
12																										12
13														0.01	0.01											13
14																										14
15																	0.01	0.02	0.06	0.09	0.27	0.05				15
16			0.01																							16
17												0.01		0.01												17
18																										18
19																0.01						0.01				19
20	0.01																									20
21																										21
22																										22
23		0.01	0.02	0.05	0.02	0.02	0.04	0.04	0.04	0.07	0.04															23
24																										24
25														0.01						0.01	0.01	0.01	0.01			25
26	0.02	0.02	0.04	0.04	0.01	0.01		0.05	0.04																	26
27														0.02	0.01											27
28		0.01	0.01						0.04	0.04					0.01	0.02										28
29											0.01															29
30													0.02	0.11	0.05	0.04	0.01	0.10			0.03		0.16	0.05		30
Sum	0.03	0.04	0.08	0.09	0.03	0.03	0.04	0.09	0.12	0.13	0.09	0.09	0.12	0.19	0.17	0.08	0.01	0.11	0.04	0.19	0.14	0.31	0.22	0.06	Sum	

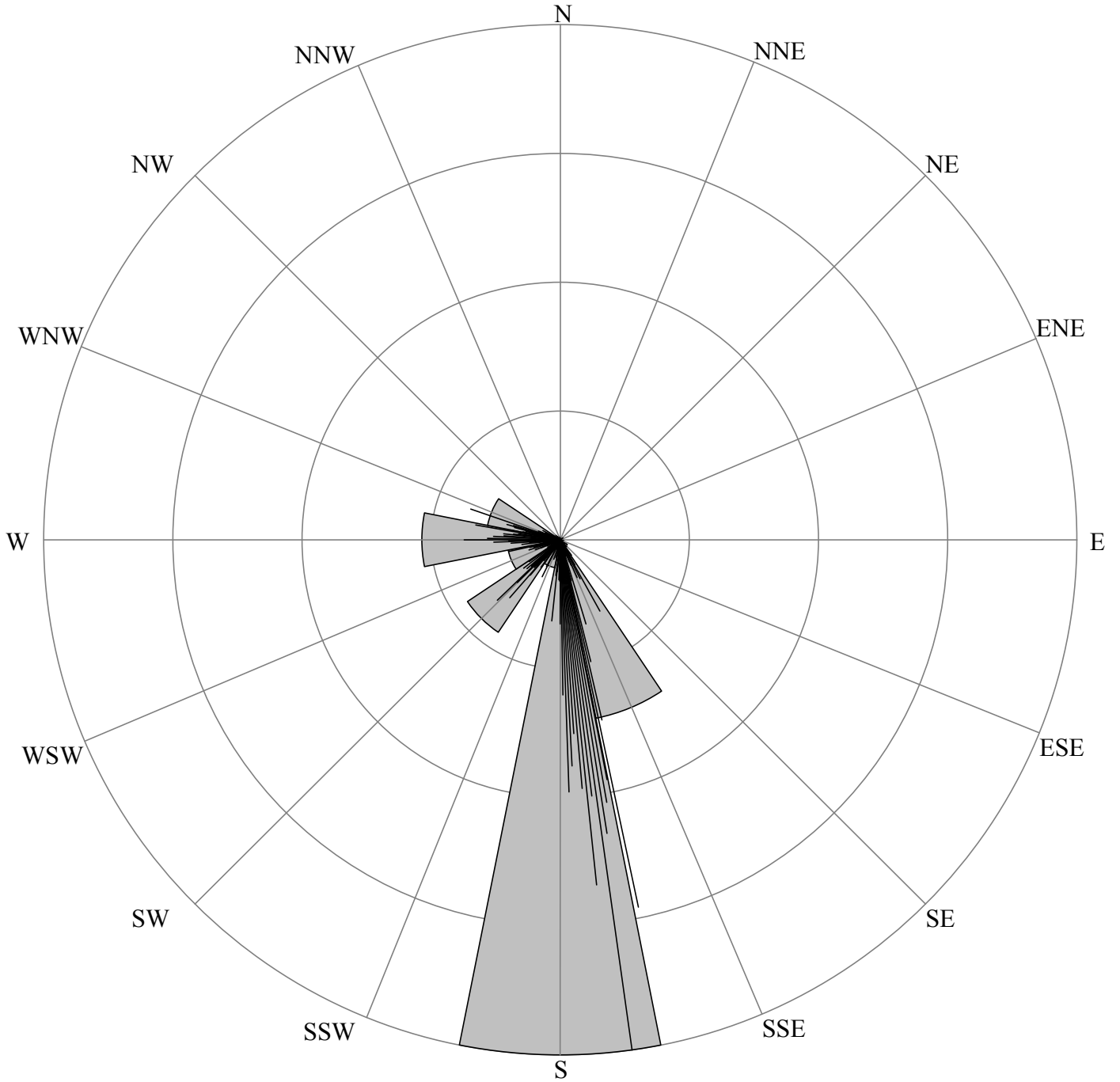
During a frozen precipitation event, hourly precipitation totals may not be recorded. In this case, daily amounts are typically entered in the last column (hour ending at 12 A.M.)

HOUR-BY-HOUR DATA

November 2020: Westford



Wind Rose: November 2020
Westford



Maximum direction of wind: 229.4 miles from 172°
Maximum sector of wind: 1507.7 miles from S
3268.4 total miles of wind