

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

January 2005

Station: Westford
 Latitude: 44° 37' 39" N Longitude: 73° 02' 29" W Elevation (Ground): 850 feet Time Zone: Eastern

Date	Temperature					Humidity	Days		Precip Ty	Snow Cvr	Precip		Pressure			Wind					Sun										
	Maximum	Minimum	Average	Mean	Dew Point		Mean	Heating Base 65°F			Cooling Base 65°F	Water Equivalent	Ice Pellets Snow	Adj. to Sea Level			Avg	Res	Res	Peak		Minute		Mean Index							
1	2	3	4A	4B	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	44.8	15.2	30.0	32.1	24	73	36	0	.....	0	0.11	0.0	30.65	29.83	30.249	5.3	3.6	279	22	S	0	0								
2	35.6	9.0	22.3	21.9	16	77	43	0	.....6...	0	0.25	0.0	30.70	30.16	30.464	6.6	6.4	180	35	S	0	0								
3	37.6	29.8	33.7	33.3	30	89	32	0	.....	0	0.00	0.0	30.26	30.14	30.206	2.4	1.6	194	26	S	0	0								
4	30.3	23.9	27.1	26.8	23	86	38	0	.....	0	T	T	30.23	30.13	30.184	0.6	0.5	332	10	NW	0	0								
5	24.1	7.9	16.0	15.4	9	75	49	0	.....	1	0.08	1.6	30.27	30.18	30.233	1.2	1.1	352	11	NNW	0	0								
6	29.1	9.0	19.1	18.4	14	81	46	0	.....	3	0.32	2.8	30.21	29.66	29.929	3.1	2.8	174	25	SSE	0	0								
7	30.9	16.9	23.9	23.3	13	66	42	0	.....	2	0.05	0.6	30.32	29.66	30.074	3.7	2.9	272	30	W	0	0								
8	26.1	18.3	22.2	21.7	16	78	43	0	.....	5	0.27	3.5	30.35	30.10	30.211	0.6	0.2	12	10	N	0	0								
9	26.9	13.6	20.3	21.3	18	86	45	0	.....	5	0.00	0.0	30.44	30.10	30.324	1.6	0.9	173	16	SSE	0	0								
10	35.5	24.4	29.9	29.5	23	77	36	0	.....	4	T	T	30.10	29.79	29.907	7.8	4.1	214	30	S	0	0								
11	24.5	5.4	15.0	14.0	1	56	51	0	.....	4	0.00	0.0	30.35	30.07	30.276	1.5	1.2	327	19	WNW	0	0								
12	33.5	14.8	24.2	26.5	20	77	41	0	.....6...	3	0.16	T	30.30	30.03	30.174	4.8	4.6	163	24	SSE	0	0								
13	54.8	33.1	43.9*	42.5	41	94	22	0	.....	2	0.00	0.0	30.03	30.10	29.862	11.6	11.5	179	40	S	0	0								
14	56.9*	15.6	36.3	31.7	29	89	29	0	.....	4	1.00	3.7	30.44	29.47	29.991	5.7	3.5	260	38	S	0	0								
15	22.5	4.1	13.3	15.2	8	74	52	0	.....	4	0.00	0.0	30.66	30.44	30.603	2.5	1.8	223	17	SW	0	0								
16	20.6	12.9	16.8	15.9	10	77	49	0	.....	4	0.02	0.2	30.65	30.28	30.526	0.7	0.1	295	8	N	0	0								
17	13.1	-1.8	5.7	6.3	1	77	60	0	.....	6	0.16	2.0	30.28	30.17	30.231	2.7	2.6	327	19	NW	0	0								
18	-1.4	-16.9	-9.1	-9.9	-20	62	74	0	.....	5	0.00	0.0	30.65	30.26	30.523	3.1	3.0	318	22	NW	0	0								
19	13.5	-16.4	-1.4	3.5	-6	66	66	0	.....	5	0.10	1.0	30.53	29.76	30.105	5.9	5.7	181	28	SSE	0	0								
20	13.6	-6.1	3.8	4.7	-1	75	62	0	.....	7	0.12	3.4	30.06	29.75	29.908	3.2	2.3	314	20	NW	0	0								
21	-6.1	-21.4	-13.7*	-12.9	-23	61	78	0	.....	6	0.00	0.0	30.39	30.06	30.253	1.7	1.6	329	16	NNW	0	0								
22	4.3	-22.3*	-9.0	-8.6	-17	67	73	0	.....	7	0.13	1.6	30.38	29.94	30.186	0.6	0.4	6	10	N	0	0								
23	3.4	-8.9	-2.7	-2.6	-10	70	67	0	.....	7	0.06	0.8	30.15	29.92	30.040	2.2	2.2	348	18	NW	0	0								
24	15.4	-13.0	1.2	2.0	-6	70	64	0	.....	8	0.11	2.6	30.11	29.63	29.878	3.9	3.6	195	20	SSW	0	0								
25	15.1	-2.6	6.3	5.5	-3	70	59	0	.....	9	0.06	1.2	29.88	29.62	29.809	2.6	2.4	325	21	NW	0	0								
26	8.1	-7.7	0.2	1.7	-5	72	65	0	.....	10	0.25	2.5	30.19	29.76	29.924	1.3	1.2	348	12	N	0	0								
27	0.5	-15.1	-7.3	-7.5	-18	59	72	0	.....	10	0.00	0.0	30.73	30.19	30.506	1.1	1.1	352	13	N	0	0								
28	12.3	-13.8	-0.8	-0.8	-12	61	65	0	.....	10	0.00	0.0	30.85	30.62	30.759	0.5	0.1	168	7	S	0	0								
29	23.8	-1.2	11.3	12.9	-4	48	54	0	.....	9	0.00	0.0	30.62	30.09	30.374	3.8	3.7	187	16	S	0	0								
30	26.6	7.2	16.9	17.9	7	62	49	0	8	0.00	0.0	30.32	30.07	30.168	0.8	0.7	328	12	NW	0	0									
31	27.0	0.9	13.9	13.6	-1	55	52	0	.....	8	0.00	0.0	30.44	30.32	30.387	0.2	0.2	326	7	NW	0	0								
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:																	---				
703	115					1614	0			3.25	27.5	30.85	29.47	30.202	3.0	1.2	225	40	S	0	0										
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg											
22.7	3.7	13.2	13.4	6	72.0	----	----	≥.01 inch 17		3.25	58.4	28	14	-----	----	----	---	13	1+												
Number of Days							Season to Date		Snow, Ice ≥1.0 inch 11		Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date															
Max Temperature			Min Temperature			2015	0	Thunder 0		Precipitation		Snow, Ice Plts																			
≥ 90°F	< 32°F	< 32°F	< 0°F	----	----	Heavy Fog	0	0.00	-	3.7	14						10		26+												
0	24	30	13	----	----	Clear	9	Partly Cloudy	7	Cloudy	15																				

NOTES:
 Units are: Temperature=°F, Wind=mph, Pressure=Inches Hg, Precipitation=inches.
 Data in column 4A are (MAX+MIN) ÷ 2, whereas columns 4B, 5, 6, 15, 16, 23 are means via continuous observations for 24 hours.
 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: Sunshine index is measured in Watts/m^2 and is continuously averaged for 24 hours.
 Data in columns 4B, 5, 6, 15, 16, 23 are updated continuously, there by achieving a "true" mean.

**OBSERVATIONS AT 3-HOUR INTERVALS
January 2005: 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
JAN 01									JAN 02									JAN 03									
01		29.86	0.00	43	41	93	22	5	11	30.66	0.00	14	4	65	00	1	5	30.15	0.00	36	34	93	18	10	17		
04		29.92	0.00	40	38	92	29	4	7	30.69	0.00	11	4	74	00	0	3	30.17	0.00	37	36	94	20	7	14		
07		30.08	0.00	37	29	71	20	3	11	30.68	0.00	10	6	84	00	0	0	30.23	0.00	32	29	90	02	1	6		
10		30.20	0.00	37	29	74	29	7	13	30.60	0.00	18	9	68	18	2	6	30.26	0.00	33	30	87	00	0	2		
13		30.26	0.00	34	27	75	31	5	10	30.45	0.00	26	11	51	18	3	7	30.22	0.00	34	31	86	00	1	3		
16		30.43	0.00	28	19	71	29	5	11	30.30	0.00	29	25	83	18	11	25	30.23	0.00	32	29	88	00	1	2		
19		30.55	0.00	24	11	59	31	6	16	30.22	0.00	32	29	88	18	14	24	30.23	0.00	30	27	87	02	1	5		
22		30.61	0.00	19	5	55	00	3	7	30.17	0.00	34	32	92	18	16	25	30.20	0.00	30	26	84	02	0	2		
JAN 04									JAN 05									JAN 06									
01		30.14	0.00	30	25	80	00	0	0	30.20	0.00	22	18	85	33	3	3	30.19	0.00	9	3	74	00	0	0		
04		30.14	0.00	30	26	84	00	0	0	30.18	0.00	19	16	85	00	1	3	30.15	0.00	10	4	75	02	0	2		
07		30.16	0.00	29	27	91	33	0	2	30.23	0.00	18	14	86	00	0	2	30.10	0.00	12	6	75	00	0	2		
10		30.20	0.00	29	25	85	00	0	0	30.27	0.00	18	11	74	31	1	5	30.05	0.00	17	9	69	15	1	3		
13		30.19	0.00	25	22	88	27	1	3	30.22	0.00	17	6	62	00	2	5	29.88	0.00	21	17	86	06	1	2		
16		30.21	0.00	25	20	82	00	1	3	30.27	0.00	13	3	66	00	0	0	29.74	0.00	24	21	89	15	8	17		
19		30.21	0.00	24	20	86	00	0	0	30.26	0.00	10	4	75	02	3	8	29.69	0.00	25	23	90	18	7	14		
22		30.20	0.00	24	21	86	00	1	1	30.23	0.00	9	1	70	00	0	2	29.68	0.00	28	26	90	18	10	18		
JAN 07									JAN 08									JAN 09									
01		29.66	0.00	30	27	90	18	6	13	30.27	0.00	22	10	58	18	3	7	30.34	0.00	17	15	90	00	0	0		
04		29.75	0.00	29	27	89	27	10	20	30.24	0.00	19	12	74	00	0	0	30.35	0.00	17	14	89	00	0	0		
07		29.95	0.00	20	16	83	31	4	11	30.23	0.00	19	13	76	00	0	0	30.41	0.00	14	12	89	00	0	0		
10		30.13	0.00	20	11	66	29	5	7	30.16	0.00	23	12	62	02	1	3	30.43	0.00	22	20	91	20	0	2		
13		30.18	0.00	25	4	39	29	4	10	30.13	0.00	24	18	79	02	1	3	30.36	0.00	26	21	81	04	1	3		
16		30.25	0.00	22	7	52	00	0	0	30.13	0.00	23	21	92	33	0	2	30.28	0.00	24	20	83	00	0	0		
19		30.31	0.00	19	9	65	00	0	0	30.23	0.00	24	22	92	00	0	3	30.27	0.00	24	20	86	18	3	6		
22		30.28	0.00	22	14	71	00	0	0	30.32	0.00	19	17	92	00	0	3	30.17	0.00	25	20	83	18	5	11		
JAN 10									JAN 11									JAN 12									
01		30.08	0.00	26	22	85	22	5	5	30.10	0.00	21	14	74	29	4	7	30.28	0.00	17	5	59	00	0	0		
04		29.93	0.00	27	22	82	15	10	12	30.20	0.00	14	3	62	00	0	0	30.25	0.00	17	10	72	00	0	0		
07		29.83	0.00	29	26	86	18	15	26	30.26	0.00	11	2	66	00	0	0	30.26	0.00	23	15	72	00	0	0		
10		29.82	0.00	31	28	89	18	11	20	30.35	0.00	9	-2	59	00	3	4	30.24	0.00	28	20	73	18	8	16		
13		29.80	0.00	34	29	83	22	5	13	30.27	0.00	16	-3	42	04	1	6	30.15	0.00	30	21	69	18	9	19		
16		29.88	0.00	32	21	64	24	8	16	30.32	0.00	16	-5	40	00	0	0	30.11	0.00	30	26	84	15	7	13		
19		29.93	0.00	31	23	72	24	6	16	30.33	0.00	15	-2	46	04	0	1	30.10	0.00	32	29	88	18	5	10		
22		30.02	0.00	28	14	55	29	8	17	30.32	0.00	13	3	62	00	0	0	30.07	0.00	33	31	91	15	6	14		
JAN 13									JAN 14									JAN 15									
01		30.00	0.00	35	33	92	15	8	16	29.56	0.00	55	53	92	18	16	29	30.48	0.00	15	9	77	31	2	6		
04		30.01	0.00	37	35	91	15	11	19	29.58	0.00	44	42	95	29	17	34	30.56	0.00	13	7	77	00	0	1		
07		29.95	0.00	37	35	93	15	11	20	29.85	0.00	32	31	96	31	4	6	30.61	0.00	6	2	83	00	0	0		
10		29.93	0.00	42	40	92	18	15	29	29.97	0.00	32	31	97	00	0	0	30.64	0.00	17	9	71	20	1	5		
13		29.86	0.00	43	42	96	18	13	21	30.02	0.00	31	31	98	29	6	11	30.60	0.00	21	7	54	22	6	13		
16		29.81	0.00	45	44	97	18	10	18	30.16	0.00	25	20	80	29	6	13	30.60	0.00	20	11	69	20	3	7		
19		29.74	0.00	46	45	97	18	12	20	30.29	0.00	20	14	76	31	1	5	30.64	0.00	17	10	75	20	3	6		
22		29.63	0.00	52	51	97	20	15	30	30.40	0.00	17	10	74	31	4	12	30.66	0.00	15	9	77	18	3	8		
JAN 16									JAN 17									JAN 18									
01		30.64	0.00	15	9	76	18	2	5	30.27	0.00	12	8	85	33	2	6	30.28	0.00	-2	-11	65	31	6	14		
04		30.65	0.00	16	9	73	20	1	3	30.24	0.00	8	4	83	00	1	5	30.36	0.00	-7	-15	66	31	9	19		
07		30.64	0.00	14	9	80	00	0	0	30.24	0.00	6	2	83	33	2	8	30.49	0.00	-12	-22	61	31	5	13		
10		30.63	0.00	17	9	68	31	0	2	30.23	0.00	7	1	75	00	3	8	30.58	0.00	-12	-21	62	33	4	12		
13		30.53	0.00	21	12	68	33	0	2	30.17	0.00	9	3	77	33	3	9	30.59	0.00	-7	-20	54	00	2	6		
16		30.45	0.00	18	11	73	00	1	5	30.19	0.00	7	1	78	33	1	7	30.60	0.00	-8	-21	51	00	1	4		
19		30.41	0.00	14	10	82	00	0	2	30.25	0.00	4	-1	78	00	2	12	30.65	0.00	-13	-21	66	04	1	4		
22		30.34	0.00	14	11	85	33	0	3	30.25	0.00	1	-7	68	31	5	10	30.58	0.00	-16	-23	70	00	0	0		

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Ended: Date	13	13	13	13	13	13	13	13	13	13	13	13
Ended: Time	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800

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 2005: 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
JAN 19									JAN 20									JAN 21									
01		30.53	0.00	-14	-20	72	18	1	3	29.75	0.00	13	10	86	18	1	3	30.07	0.00	-8	-15	71	31	5	11		
04		30.40	0.00	-9	-16	71	18	1	7	29.77	0.00	13	10	86	20	0	2	30.12	0.00	-11	-19	69	31	1	4		
07		30.27	0.00	-3	-15	54	18	7	15	29.85	0.00	7	4	85	31	7	14	30.20	0.00	-15	-22	68	31	1	5		
10		30.16	0.00	3	-10	55	15	7	13	29.92	0.00	7	1	78	31	7	16	30.27	0.00	-13	-24	59	33	2	6		
13		30.00	0.00	9	-6	51	18	7	16	29.92	0.00	5	-2	72	00	3	8	30.26	0.00	-10	-24	50	33	2	5		
16		29.95	0.00	10	3	71	20	8	24	29.96	0.00	2	-7	64	33	2	7	30.31	0.00	-10	-23	50	33	2	10		
19		29.88	0.00	12	8	83	18	7	13	30.03	0.00	-4	-12	69	00	0	3	30.37	0.00	-15	-25	59	06	2	5		
22		29.80	0.00	13	9	85	18	7	16	30.04	0.00	-4	-13	66	31	6	14	30.39	0.00	-20	-28	67	00	0	0		
JAN 22									JAN 23									JAN 24									
01		30.35	0.00	-19	-27	66	02	0	3	29.92	0.00	2	-3	79	31	1	5	30.11	0.00	-8	-16	65	00	0	0		
04		30.35	0.00	-19	-28	63	00	0	0	29.95	0.00	-0	-6	78	33	2	6	30.10	0.00	-13	-20	71	00	0	0		
07		30.30	0.00	-18	-27	64	00	1	2	29.98	0.00	-1	-6	77	00	2	7	30.06	0.00	-10	-17	71	00	0	0		
10		30.28	0.00	-11	-21	60	11	1	3	30.03	0.00	-2	-11	67	00	5	8	29.98	0.00	2	-10	58	20	4	10		
13		30.15	0.00	-2	-15	53	31	1	3	30.03	0.00	-2	-11	67	33	7	14	29.81	0.00	8	-6	53	18	6	11		
16		30.12	0.00	-2	-11	66	31	1	2	30.09	0.00	-3	-12	66	33	3	7	29.72	0.00	10	1	66	20	8	16		
19		30.05	0.00	-1	-6	77	00	0	2	30.15	0.00	-8	-15	71	04	0	2	29.68	0.00	10	6	85	20	7	12		
22		29.96	0.00	4	-1	80	00	1	3	30.14	0.00	-7	-15	65	00	0	0	29.64	0.00	13	10	86	20	1	3		
JAN 25									JAN 26									JAN 27									
01		29.62	0.00	15	13	90	31	5	12	29.81	0.00	1	-4	78	00	1	3	30.21	0.00	-8	-17	63	00	2	6		
04		29.72	0.00	10	4	76	33	3	7	29.76	0.00	3	-2	80	02	1	2	30.31	0.00	-12	-20	66	00	1	5		
07		29.81	0.00	7	1	76	31	5	12	29.80	0.00	5	0	81	00	0	2	30.44	0.00	-14	-21	70	00	0	2		
10		29.88	0.00	5	-4	67	33	3	11	29.86	0.00	6	0	77	00	1	3	30.52	0.00	-6	-18	57	00	1	8		
13		29.86	0.00	7	-7	53	31	3	5	29.88	0.00	6	-1	70	31	4	8	30.53	0.00	-1	-16	47	33	3	7		
16		29.86	0.00	5	-9	53	06	0	2	29.98	0.00	3	-7	64	31	2	6	30.58	0.00	0	-17	44	00	1	5		
19		29.87	0.00	0	-8	68	00	0	0	30.09	0.00	-3	-13	62	00	2	7	30.66	0.00	-8	-17	61	02	0	2		
22		29.83	0.00	-1	-7	74	04	0	2	30.16	0.00	-4	-14	61	00	2	6	30.71	0.00	-10	-17	70	00	0	0		
JAN 28									JAN 29									JAN 30									
01		30.73	0.00	-8	-16	66	00	0	0	30.61	0.00	1	-10	60	20	1	4	30.08	0.00	16	-0	48	15	1	2		
04		30.77	0.00	-11	-16	75	00	0	1	30.55	0.00	3	-8	60	18	3	6	30.07	0.00	15	1	53	15	1	3		
07		30.83	0.00	-11	-17	73	00	0	0	30.52	0.00	4	-8	57	18	4	8	30.10	0.00	18	3	51	29	0	1		
10		30.84	0.00	1	-12	55	04	1	5	30.46	0.00	11	-5	48	18	6	12	30.15	0.00	21	7	54	29	1	2		
13		30.77	0.00	8	-8	46	31	1	5	30.34	0.00	21	-5	31	20	4	8	30.15	0.00	26	15	62	33	3	7		
16		30.74	0.00	10	-7	46	04	0	2	30.26	0.00	22	1	39	20	2	5	30.19	0.00	24	15	67	33	2	8		
19		30.74	0.00	3	-5	68	00	0	0	30.21	0.00	21	3	45	18	3	7	30.27	0.00	15	10	80	00	0	0		
22		30.67	0.00	3	-7	63	18	2	5	30.12	0.00	21	2	43	18	6	12	30.30	0.00	12	2	64	00	0	2		
JAN 31																											
01		30.32	0.00	10	-2	59	00	0	0																		
04		30.36	0.00	5	-3	68	00	0	0																		
07		30.42	0.00	2	-4	77	00	0	0																		
10		30.43	0.00	16	-2	44	31	0	2																		
13		30.39	0.00	24	0	34	31	1	2																		
16		30.38	0.00	26	2	35	33	0	3																		
19		30.40	0.00	15	4	62	00	0	0																		
22		30.38	0.00	14	4	63	00	0	0																		

WEATHER NOTES

NOTES:
 Units are: 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 0.01" pulses from the electronic rain gauge and interpolating this rate for one hour.

SUMMARY BY HOUR

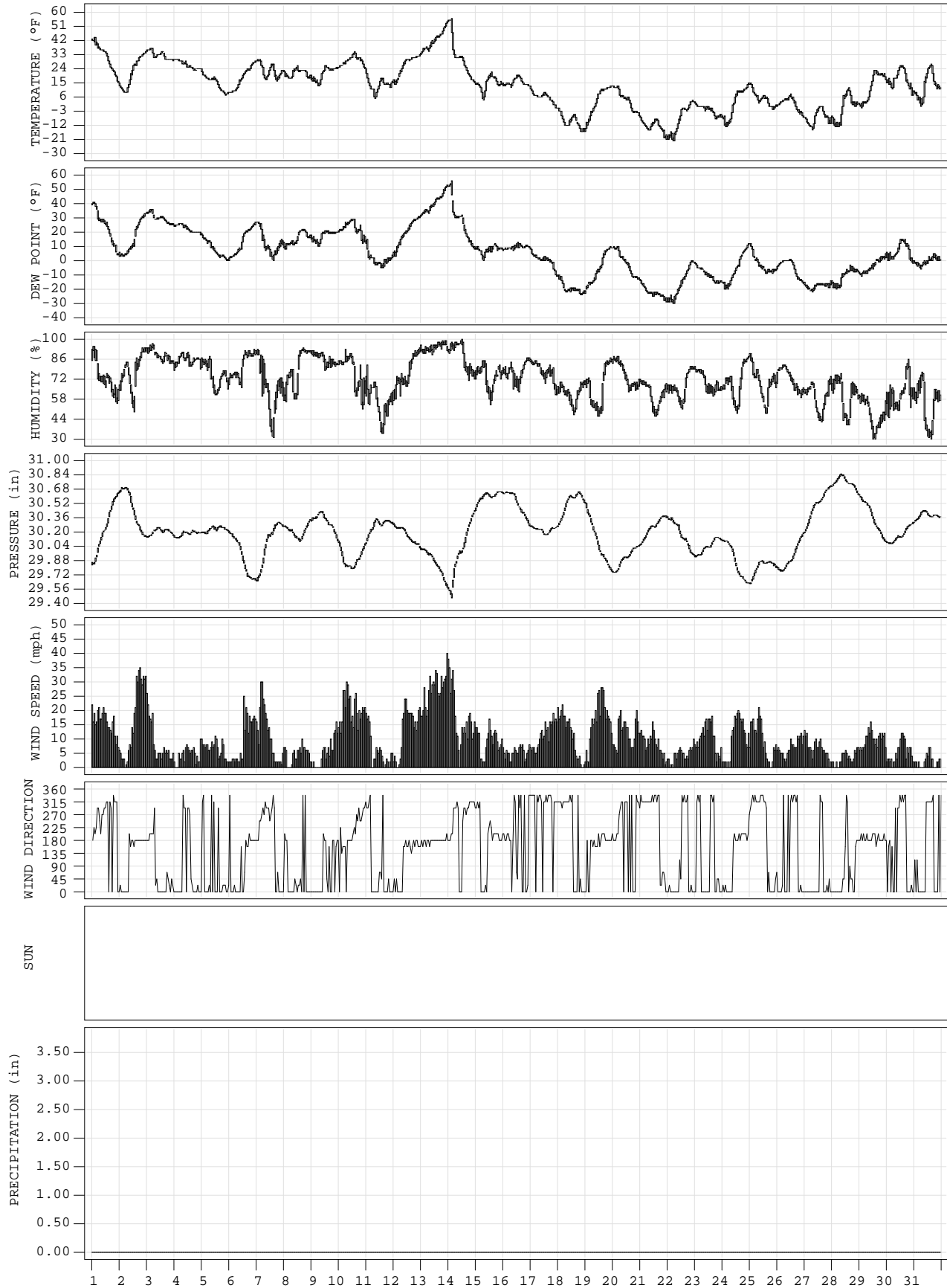
Hour	Averages						Resultant Wind	
	Sunshine	Pressure	Temperature	Dew Point	Humidity	Wind Speed	Direction	Speed
01		30.170	13	7	75	2.9	22	1.3
04		30.181	11	5	77	2.7	26	1.1
07		30.219	10	4	76	2.3	23	0.7
10		30.242	14	5	69	3.3	22	0.9
13		30.193	17	6	64	3.5	26	1.1
16		30.198	16	7	67	3.0	22	1.4
19		30.215	13	7	74	2.7	19	1.6
22		30.201	13	6	74	3.3	20	1.7

HOURLY PRECIPITATION (Water Equivalent)
January 2005: Westford

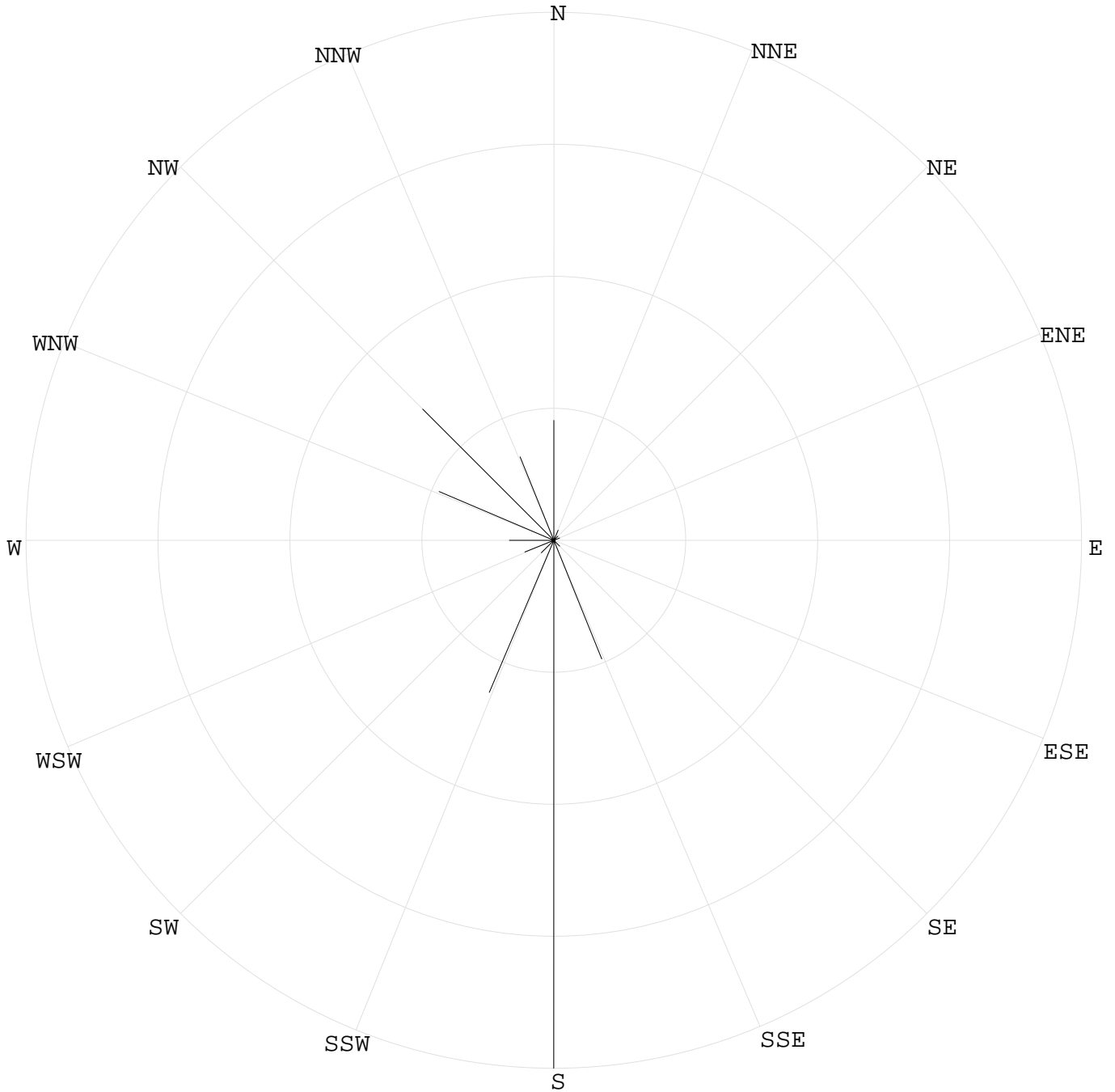
Date	A.M. Hour Ending at												P.M. Hour Ending at												Date
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	
01																								01	
02																									02
03																									03
04																									04
05																									05
06																									06
07																									07
08																									08
09																									09
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27																									27
28																									28
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.)

HOURLY-BY-HOURLY DATA
January 2005: Westford



Wind Rose: January 2005
Westford



Maximum direction of wind: 807.0 miles from 180°.
2442.0 total miles of wind.