

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

January 1996

Station: Westford
 Latitude: 44° 37' 39" 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 pt 5 hail 6 glaze 7 duststm 8 smk, hz 9 blw snw	Snow Cvr	Precip		Pressure Adj. to Sea Level			Wind						Sun		
	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		Minute			
																			Speed	Dir	Speed		Dir	Speed
1	2	3	4A	4B	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	29.0	0.0	14.5	15.0	0	0	50	0	...	4	...	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
2	11.0	-5.0	3.0	3.0	0	0	62	0	...	0	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	5.0	-4.0	0.5	1.0	0	0	64	0	...	4	...	0	0.27	4.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	2.0	-16.0	-7.0	-7.0	0	0	72	0	...	4	...	0	0.03	0.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	-2.0	-18.0	-10.0	-10.0	0	0	75	0	...	4	...	0	0.01	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	1.0	-26.0*	-12.5*	-13.0	0	0	78	0	...	0	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	6.0	-25.0	-9.5	-10.0	0	0	75	0	...	0	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	2.0	-9.0	-3.5	-4.0	0	0	69	0	...	0	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	20.0	-9.0	5.5	6.0	0	0	59	0	...	4	...	0	0.04	0.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	18.0	9.0	13.5	14.0	0	0	51	0	...	4	...	0	0.07	0.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	15.0	-8.0	3.5	4.0	0	0	61	0	...	0	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	28.0	0.0	14.0	14.0	0	0	51	0	...	4	...	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
13	30.0	16.0	23.0	23.0	0	0	42	0	...	4	...	0	0.13	2.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	37.0	19.0	28.0	28.0	0	0	37	0	...	0	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	37.0	-12.0	12.5	13.0	0	0	52	0	...	4.6	...	0	0.06	0.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
16	34.0	-16.0	9.0	9.0	0	0	56	0	...	0	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	44.0	34.0	39.0	39.0	0	0	26	0	...	0	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	53.0	35.0	44.0*	44.0	0	0	21	0	...	0	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	59.0*	25.0	42.0	42.0	0	0	23	0	...	4	...	0	1.83	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	25.0	12.0	18.5	19.0	0	0	46	0	...	0	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	29.0	10.0	19.5	20.0	0	0	45	0	...	0	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	36.0	21.0	28.5	29.0	0	0	36	0	...	0	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	38.0	32.0	35.0	35.0	0	0	30	0	...	4	...	0	0.09	1.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	46.0	32.0	39.0	39.0	0	0	26	0	...	0	0	0.38	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	38.0	7.0	22.5	23.0	0	0	42	0	...	0	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	32.0	6.0	19.0	19.0	0	0	46	0	...	0	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	48.0	29.0	38.5	39.0	0	0	26	0	...	4	...	0	0.89	2.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	30.0	8.0	19.0	19.0	0	0	46	0	...	0	0	0.05	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
29	24.0	-2.0	11.0	11.0	0	0	54	0	...	4	...	0	0.01	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	33.0	16.0	24.5	25.0	0	0	40	0	...	0	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
31	17.0	-3.0	7.0	7.0	0	0	58	0	...	0	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:													---	
825	158					1519	0			3.86	15.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0			
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl		Date	Date	-----	----	----	---	Date	Date	Avg				
26.6	5.1	15.9	16.0	0	0.0	----	----	≥.01 inch		13	3.86	75.5	1+	1+	-----	----	----	---	1+	1+				
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	6	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			4520	0	Thunder	0	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	4.5	3	0						-						
0	19	29	15	----	----	Clear	31	Partly Cloudy			0	Cloudy			0									

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/m² 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.