

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

February 2001

Station: Westford
 Latitude: 44° 37' 39" 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						Sun		
	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			Minute	
																				Speed	Dir		Speed	Dir	Speed	Dir
1	2	3	4A	4B	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	33.0	18.0	25.5	26.0	0	0	39	0	.....	0	0.05	0.8	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	36.0	14.0	25.0	25.0	0	0	40	0	.....	0	0.11	2.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	25.0	-1.0	12.0	12.0	0	0	53	0	.....	0	0.01	0.8	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	27.0	-8.0	9.5	10.0	0	0	55	0	.....	0	0.01	0.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	35.0	21.0	28.0	28.0	0	0	37	0	.....	0	0.55	5.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	39.0	23.0	31.0	31.0	0	0	34	0	.....	0	0.12	1.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	36.0	19.0	27.5	28.0	0	0	37	0	.....	0	0.03	0.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	33.0	10.0	21.5	22.0	0	0	43	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	46.0	22.0	34.0	34.0	0	0	31	0	.....6...	0	0.41	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18	47.0*	-9.0*	19.0	19.0	0	0	46	0	.....	0	0.52	4.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	35.0	17.0	26.0	26.0	0	0	39	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
20	46.0	34.0	40.0*	40.0	0	0	25	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	39.0	2.0	20.5	21.0	0	0	44	0	.....	0	0.01	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	18.0	-6.0	6.0*	6.0	0	0	59	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	35.0	15.0	25.0	25.0	0	0	40	0	.....	0	0.11	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	19.0	6.0	12.5	13.0	0	0	52	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	36.0	8.0	22.0	22.0	0	0	43	0	...4.6...	0	0.34	0.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
26	39.0	22.0	30.5	31.0	0	0	34	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	35.0	13.0	24.0	24.0	0	0	41	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
28	22.0	2.0	12.0	12.0	0	0	53	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
Sum	Sum	-----	-----	---	----		Ttl	Ttl															---	
	681	222					845	0	Number of Days		2.27	18.4	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					
	34.0	11.1	22.6	22.8	0	0.0	----	----	≥.01 inch	12	4.25	107.8	1+	1+	-----	----	----	---	1+	1+				
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	5	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			5332	0	Thunder	0	Precipitation		Snow, Ice Plts												
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	5.1	5	0					-							
0	5	19	4	----	----	Clear	20	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.