

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### February 1998

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 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		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
1	2	3	4A	4B	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	39.0	16.0	27.5	28.0	0	0	37	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	49.0	16.0	32.5	33.0	0	0	32	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	40.0	25.0	32.5	33.0	0	0	32	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	32.0	12.0	22.0	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	
5	24.0	7.0	15.5	16.0	0	0	49	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	29.0	-2.0	13.5	14.0	0	0	51	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	30.0	1.0	15.5	16.0	0	0	49	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	35.0	9.0	22.0	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	39.0	6.0	22.5	23.0	0	0	42	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	44.0	13.0	28.5	29.0	0	0	36	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
11	49.0	24.0	36.5	37.0	0	0	28	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	44.0	34.0	39.0	39.0	0	0	26	0	.....	0	0.73	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	35.0	10.0	22.5	23.0	0	0	42	0	...4....	0	0.10	0.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
14	12.0	-3.0	4.5	5.0	0	0	60	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	15.0	-8.0*	3.5*	4.0	0	0	61	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	36.0	0.0	18.0	18.0	0	0	47	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	43.0	21.0	32.0	32.0	0	0	33	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	46.0	31.0	38.5	39.0	0	0	26	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	38.0	32.0	35.0	35.0	0	0	30	0	...4....	0	0.16	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
20	39.0	32.0	35.5	36.0	0	0	29	0	.....	0	0.14	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	35.0	25.0	30.0	30.0	0	0	35	0	...4....	0	0.10	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	38.0	18.0	28.0	28.0	0	0	37	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	43.0	15.0	29.0	29.0	0	0	36	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	41.0	31.0	36.0	36.0	0	0	29	0	.....	0	0.28	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	37.0	31.0	34.0	34.0	0	0	31	0	...4....	0	0.70	6.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	40.0	32.0	36.0	36.0	0	0	29	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	42.0	31.0	36.5	37.0	0	0	28	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
28	54.0*	28.0	41.0*	41.0	0	0	24	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							For the month:						---		
1048	487						1045	0	Number of Days	2.22	9.9	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				
37.4	17.4	27.4	27.7	0	0.0	----	----		≥.01 inch	8	9.10	94.7	1+	1+	-----	----	----	---	1+	1+			
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	3	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			5319	0	Thunder	0	Precipitation		Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.00	-	6.4	25	0					-				
0	6	27	4	----	----			Clear	28	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/m<sup>2</sup> 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.