

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### January 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	20.0	-21.0*	-0.5*	-1.0	0	0	66	0	...	4	0	0.10	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
2	37.0	20.0	28.5	29.0	0	0	36	0	.....	0	0	0.00	0.0	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	44.0*	37.0	40.5*	41.0	0	0	24	0	.....	0	0	0.01	0.0	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	42.0	20.0	31.0	31.0	0	0	34	0	...4.6...	0	0	0.07	0.5	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	39.0	23.0	31.0	31.0	0	0	34	0	.....6...	0	0	0.55	0.0	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	40.0	28.0	34.0	34.0	0	0	31	0	.....6...	0	0	0.48	0.0	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	33.0	27.0	30.0	30.0	0	0	35	0	.....6...	0	0	0.38	0.0	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	35.0	32.0	33.5	34.0	0	0	31	0	.....6...	0	0	2.85	0.0	0.00	0.000	0.0	0.0	0	0	N	0	0	
9																							
10																							
11																							
12	39.0	5.0	22.0	22.0	0	0	43	0	...4.....	0	0	0.78	0.5	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	39.0	13.0	26.0	26.0	0	0	39	0	...4.....	0	0	0.05	0.8	0.00	0.000	0.0	0.0	0	0	N	0	0	
14	20.0	-1.0	9.5	10.0	0	0	55	0	...4.....	0	0	0.02	0.6	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	17.0	0.0	8.5	9.0	0	0	56	0	...4.....	0	0	0.46	6.5	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	27.0	11.0	19.0	19.0	0	0	46	0	...4.....	0	0	0.40	4.5	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	16.0	-2.0	7.0	7.0	0	0	58	0	.....	0	0	0.00	0.0	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	33.0	-3.0	15.0	15.0	0	0	50	0	.....	0	0	0.00	0.0	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	38.0	25.0	31.5	32.0	0	0	33	0	...4.....	0	0	0.03	0.6	0.00	0.000	0.0	0.0	0	0	N	0	0	
20	33.0	23.0	28.0	28.0	0	0	37	0	...4.....	0	0	0.02	0.3	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	31.0	13.0	22.0	22.0	0	0	43	0	...4.....	0	0	0.06	1.8	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	13.0	-8.0	2.5	3.0	0	0	62	0	.....	0	0	0.00	0.0	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	30.0	-10.0	10.0	10.0	0	0	55	0	...4.6...	0	0	0.54	3.0	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	36.0	22.0	29.0	29.0	0	0	36	0	.....	0	0	T	T	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	28.0	18.0	23.0	23.0	0	0	42	0	...4.....	0	0	0.02	1.2	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	21.0	-8.0	6.5	7.0	0	0	58	0	.....	0	0	0.00	0.0	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	26.0	-14.0	6.0	6.0	0	0	59	0	...4.....	0	0	T	T	0.00	0.000	0.0	0.0	0	0	N	0	0	
28	37.0	11.0	24.0	24.0	0	0	41	0	.....	0	0	0.00	0.0	0.00	0.000	0.0	0.0	0	0	N	0	0	
29	36.0	15.0	25.5	26.0	0	0	39	0	.....	0	0	0.00	0.0	0.00	0.000	0.0	0.0	0	0	N	0	0	
30	35.0	20.0	27.5	28.0	0	0	37	0	...4.....	0	0	0.05	0.5	0.00	0.000	0.0	0.0	0	0	N	0	0	
31	35.0	26.0	30.5	31.0	0	0	34	0	...4.....	0	0	0.01	0.1	0.00	0.000	0.0	0.0	0	0	N	0	0	
Sum	Sum	-----	-----	---	----		Ttl	Ttl															---
	880	322					1214	0	Number of Days			6.88	21.9	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	
	31.4	11.5	21.5	21.6	0	0.0	----	----	≥.01 inch		19	6.88	84.8	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			4274	0	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	6.5	15	0					-						
0	11	27	9	----	----	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.