

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### February 2000

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 Mean Index	
	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		11	12	13	14	15	16	17	18	19	20	21	22	23	
1	33.0	14.0	23.5	24.0	0	0	41	0	.....	0	0.09	3.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	16.0	5.0	10.5	11.0	0	0	54	0	.....	0	0.04	0.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	21.0	-12.0	4.5	5.0	0	0	60	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4																							
5																							
6	28.0	-13.0*	7.5	8.0	0	0	57	0	.....	0	0.02	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	31.0	0.0	15.5	16.0	0	0	49	0	.....	0	0.02	0.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	20.0	-13.0	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	
9	33.0	18.0	25.5	26.0	0	0	39	0	.....	0	T	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	33.0	13.0	23.0	23.0	0	0	42	0	.....	0	T	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
11	35.0	14.0	24.5	25.0	0	0	40	0	.....6...	0	0.23	1.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	18.0	-3.0	7.5	8.0	0	0	57	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	34.0	-7.0	13.5	14.0	0	0	51	0	.....	0	0.01	0.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
14	35.0	21.0	28.0	28.0	0	0	37	0	.....	0	0.95	9.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	33.0	9.0	21.0	21.0	0	0	44	0	.....	0	0.08	1.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	34.0	9.0	21.5	22.0	0	0	43	0	.....	0	0.24	2.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	22.0	-10.0	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	
18	23.0	-11.0	6.0	6.0	0	0	59	0	.....	0	0.13	1.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	30.0	8.0	19.0	19.0	0	0	46	0	.....	0	0.09	1.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
20	36.0	9.0	22.5	23.0	0	0	42	0	.....	0	0.01	0.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	35.0	5.0	20.0	20.0	0	0	45	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	44.0	21.0	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	
23	50.0	41.0	45.5	46.0	0	0	19	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	44.0	36.0	40.0	40.0	0	0	25	0	.....	0	0.18	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	42.0	35.0	38.5	39.0	0	0	26	0	.....	0	0.34	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	48.0	33.0	40.5	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	
27	58.0*	37.0	47.5*	48.0	0	0	17	0	.....	0	0.32	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
28	47.0	32.0	39.5	40.0	0	0	25	0	.....	0	0.34	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
29	37.0	24.0	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	
Sum	Sum	-----	-----	---	----		Ttl	Ttl															---
	920	315					1128	0	Number of Days		3.16	23.5	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	
	34.1	11.7	22.9	23.2	0	0.0	----	----	≥.01 inch	16	6.08	64.1	1+	1+	-----	----	----	---	1+	1+			
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	8	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			5234	0	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	9.2	14	0					-						
0	9	22	8	----	----	Clear	27	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.