

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### March 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	
	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	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	46.0	21.0	33.5	34.0	0	0	31	0	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	43.0	32.0	37.5	38.0	0	0	27	0	.....	0	0.19	1.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	33.0	27.0	30.0	30.0	0	0	35	0	.....	0	0.17	1.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	41.0	24.0	32.5	33.0	0	0	32	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	41.0	30.0	35.5	36.0	0	0	29	0	.....	0	0.19	0.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	38.0	21.0	29.5	30.0	0	0	35	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	47.0	21.0	34.0	34.0	0	0	31	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	57.0	28.0	42.5	43.0	0	0	22	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	64.0*	34.0	49.0*	49.0	0	0	16	0	..3.....	0	0.10	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	34.0	16.0	25.0	25.0	0	0	40	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
11	36.0	25.0	30.5	31.0	0	0	34	0	.....	0	0.17	1.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	36.0	25.0	30.5	31.0	0	0	34	0	.....	0	0.37	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	30.0	12.0	21.0	21.0	0	0	44	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
14	45.0	12.0	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	
15	49.0	32.0	40.5	41.0	0	0	24	0	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	44.0	28.0	36.0	36.0	0	0	29	0	.....	0	0.45	2.8	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	30.0	9.0	19.5	20.0	0	0	45	0	.....	0	0.09	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	32.0	3.0*	17.5*	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	
19	45.0	10.0	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	
20	51.0	29.0	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	56.0	23.0	39.5	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	
22	57.0	28.0	42.5	43.0	0	0	22	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	58.0	29.0	43.5	44.0	0	0	21	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	53.0	29.0	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	
25	58.0	26.0	42.0	42.0	0	0	23	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	53.0	37.0	45.0	45.0	0	0	20	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	58.0	28.0	43.0	43.0	0	0	22	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
28	51.0	38.0	44.5	45.0	0	0	20	0	.....	0	0.62	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
29	47.0	35.0	41.0	41.0	0	0	24	0	.....	0	0.37	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
30	43.0	33.0	38.0	38.0	0	0	27	0	.....	0	0.11	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
31	47.0	33.0	40.0	40.0	0	0	25	0	.....	0	0.10	0.2	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:												---	
1423	778					906	0			3.01	9.3	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			
45.9	25.1	35.5	35.8	0	0.0	----	----	≥.01 inch 16		9.09	73.4	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			6140	0	Thunder	1	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	2.8	16	0						-					
0	3	25	0	----	----	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/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.