

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### March 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
1	2	3	4A	4B	5	6	7	8		11	12	13	14	15	16	17	18	19	20	21	22	23		
1	19.0	-3.0	8.0*	8.0	0	0	57	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
2	29.0	-1.0	14.0	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		
3	25.0	7.0	16.0	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		
4	34.0	-4.0*	15.0	15.0	0	0	50	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
5	33.0	19.0	26.0	26.0	0	0	39	0	.....	0	1.23	14.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
6	33.0	20.0	26.5	27.0	0	0	38	0	.....	0	0.88	10.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
7	39.0	8.0	23.5	24.0	0	0	41	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
8	41.0	4.0	22.5	23.0	0	0	42	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
9	44.0	30.0	37.0	37.0	0	0	28	0	.....	0	0.20	1.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
10	41.0	29.0	35.0	35.0	0	0	30	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
11	39.0	21.0	30.0	30.0	0	0	35	0	.....	0	0.05	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
12	30.0	7.0	18.5	19.0	0	0	46	0	...4.....	0	0.02	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
13	40.0	20.0	30.0	30.0	0	0	35	0	...4.....	0	0.61	1.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
14	38.0	33.0	35.5	36.0	0	0	29	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
15	45.0	29.0	37.0	37.0	0	0	28	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
16	36.0	20.0	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		
17	36.0	17.0	26.5	27.0	0	0	38	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
18	38.0	20.0	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		
19	41.0	21.0	31.0	31.0	0	0	34	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
20	51.0*	18.0	34.5	35.0	0	0	30	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
21	51.0	22.0	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		
22	39.0	33.0	36.0	36.0	0	0	29	0	.....	0	0.87	4.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
23	38.0	31.0	34.5	35.0	0	0	30	0	.....	0	0.49	5.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
24	42.0	30.0	36.0	36.0	0	0	29	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
25	36.0	21.0	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		
26	36.0	13.0	24.5	25.0	0	0	40	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
27	36.0	13.0	24.5	25.0	0	0	40	0	.....	0	0.14	4.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
28	41.0	25.0	33.0	33.0	0	0	32	0	.....	0	0.02	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
29	47.0	14.0	30.5	31.0	0	0	34	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
30	38.0	29.0	33.5	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		
31	45.0	32.0	38.5*	39.0	0	0	26	0	.....	0	0.33	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
Sum	Sum	-----	-----	---	----		Ttl	Ttl															---	
	1181	578					1128	0	Number of Days		4.84	41.6	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					
	38.1	18.6	28.4	28.6	0	0.0	----	----	≥.01 inch	11	9.09	149.4	1+	1+	-----	----	----	---	1+	1+				
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	7	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			6460	0	Thunder	0	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	14.0	5	0					-							
0	4	29	3	----	----	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.