

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### May 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	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	63.0	30.0*	46.5	47.0	0	0	18	0	.....	0	0.21	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	57.0	38.0	47.5	48.0	0	0	17	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	68.0	30.0	49.0	49.0	0	0	16	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	76.0	38.0	57.0	57.0	0	0	8	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	73.0	56.0	64.5	65.0	0	0	0	0	..3.....	0	0.72	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	71.0	55.0	63.0	63.0	0	0	2	0	.....	0	0.07	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	85.0*	59.0	72.0*	72.0	0	0	0	7	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	69.0	59.0	64.0	64.0	0	0	1	0	.....	0	0.44	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	64.0	52.0	58.0	58.0	0	0	7	0	..3.....	0	2.33	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	66.0	47.0	56.5	57.0	0	0	8	0	..3.....	0	1.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
11	56.0	42.0	49.0	49.0	0	0	16	0	.....	0	0.18	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	71.0	38.0	54.5	55.0	0	0	10	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	74.0	52.0	63.0	63.0	0	0	2	0	.....	0	0.53	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
14	64.0	49.0	56.5	57.0	0	0	8	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	60.0	38.0	49.0	49.0	0	0	16	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	67.0	32.0	49.5	50.0	0	0	15	0	.....	0	0.07	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	68.0	41.0	54.5	55.0	0	0	10	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	62.0	45.0	53.5	54.0	0	0	11	0	.....	0	0.49	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	56.0	35.0	45.5*	46.0	0	0	19	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
20	65.0	31.0	48.0	48.0	0	0	17	0	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	58.0	47.0	52.5	53.0	0	0	12	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	66.0	46.0	56.0	56.0	0	0	9	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	69.0	52.0	60.5	61.0	0	0	4	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	68.0	52.0	60.0	60.0	0	0	5	0	..3.....	0	0.33	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	67.0	51.0	59.0	59.0	0	0	6	0	.....	0	0.67	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	61.0	49.0	55.0	55.0	0	0	10	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	62.0	47.0	54.5	55.0	0	0	10	0	.....	0	0.09	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
28	59.0	48.0	53.5	54.0	0	0	11	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
29	70.0	41.0	55.5	56.0	0	0	9	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
30	75.0	41.0	58.0	58.0	0	0	7	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
31	76.0	54.0	65.0	65.0	0	0	0	0	.....	0	0.01	0.0	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:												---	
2066	1395					284	7			7.29	0.0	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				
66.6	45.0	55.8	56.1	0	0.0	----	----	≥.01 inch 18		22.43	92.3	1+	1+	-----	----	----	---	1+	1+				
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	0	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			7044	7	Thunder	4	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	0.0	-	0						-					
0	0	4	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.