

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### July 2001

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	84.0	50.0	67.0	67.0	0	0	0	2	.....	0	0.65	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	68.0	49.0	58.5	59.0	0	0	6	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	69.0	47.0*	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	
4	81.0	55.0	68.0	68.0	0	0	0	3	.....	0	0.78	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	76.0	60.0	68.0	68.0	0	0	0	3	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	66.0	52.0	59.0	59.0	0	0	6	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	79.0	55.0	67.0	67.0	0	0	0	2	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	74.0	59.0	66.5	67.0	0	0	0	2	.....	0	0.27	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	82.0	59.0	70.5	71.0	0	0	0	6	..3.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	81.0	58.0	69.5	70.0	0	0	0	5	..3.5....	0	0.91	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
11	74.0	56.0	65.0	65.0	0	0	0	0	..3.....	0	0.33	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	68.0	56.0	62.0	62.0	0	0	3	0	.....	0	0.25	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	68.0	56.0	62.0	62.0	0	0	3	0	.....	0	0.72	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
14	70.0	58.0	64.0	64.0	0	0	1	0	.....	0	0.12	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	72.0	59.0	65.5	66.0	0	0	0	1	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	80.0	55.0	67.5	68.0	0	0	0	3	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	77.0	58.0	67.5	68.0	0	0	0	3	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	78.0	52.0	65.0	65.0	0	0	0	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	81.0	52.0	66.5	67.0	0	0	0	2	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
20	84.0	52.0	68.0	68.0	0	0	0	3	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	86.0	53.0	69.5	70.0	0	0	0	5	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	84.0	63.0	73.5	74.0	0	0	0	9	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	91.0*	63.0	77.0*	77.0	0	0	0	12	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24																							
25																							
26																							
27																							
28																							
29																							
30																							
31																							
Sum	Sum	-----	-----	---	----		Ttl	Ttl					For the month:										---
1773	1277						26	61	Number of Days		4.04	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			
77.1	55.5	66.3	66.5	0	0.0	----	----		≥.01 inch	9	18.61	0.0	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			26	139	Thunder	4	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.00	-	0.0	-	0			-						
1	0	0	0	----	----			Clear	23	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.