

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

June 2002

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	Speed	Dir
1	2	3	4A	4B	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	76.0	53.0	64.5	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	
2	64.0	47.0	55.5	56.0	0	0	9	0	..3.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
3	58.0	38.0*	48.0*	48.0	0	0	17	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	72.0	38.0	55.0	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	
5	73.0	55.0	64.0	64.0	0	0	1	0	.....	0	0.54	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	64.0	50.0	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	
7	69.0	45.0	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	
8	72.0	47.0	59.5	60.0	0	0	5	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	78.0	60.0	69.0	69.0	0	0	0	4	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	70.0	46.0	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	
11	68.0	53.0	60.5	61.0	0	0	4	0	.....	0	1.73	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	62.0	54.0	58.0	58.0	0	0	7	0	.....	0	1.66	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	71.0	51.0	61.0	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	
14	70.0	48.0	59.0	59.0	0	0	6	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	64.0	49.0	56.5	57.0	0	0	8	0	.....	0	0.90	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	68.0	47.0	57.5	58.0	0	0	7	0	.....	0	0.14	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	69.0	53.0	61.0	61.0	0	0	4	0	.....	0	0.21	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	71.0	51.0	61.0	61.0	0	0	4	0	.....	0	0.20	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	75.0	49.0	62.0	62.0	0	0	3	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
20																								
21																								
22																								
23	85.0*	51.0	68.0	68.0	0	0	0	3	..3.....	0	1.23	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
24	71.0	51.0	61.0	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	
25	76.0	52.0	64.0	64.0	0	0	1	0	.....	0	0.11	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	85.0	58.0	71.5	72.0	0	0	0	7	..3.....	0	0.95	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
27	83.0	63.0	73.0*	73.0	0	0	0	8	..3.....	0	1.34	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
28	75.0	63.0	69.0	69.0	0	0	0	4	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
29	78.0	56.0	67.0	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	
30	82.0	54.0	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	
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:												---		
1949	1382					117	31			9.09	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				
72.2	51.2	61.7	61.8	0	0.0	----	----	≥.01 inch 15		24.98	94.1	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			6569	60	Thunder 4		Precipitation			Snow, Ice Plts											
≥ 90°F		≤ 32°F		≤ 32°F		≤ 0°F		Heavy Fog 0		0.00		-		0.0		-		0						
0		0		0		0		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/m² 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.