

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

June 1997

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	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	23
1	65.0	56.0	60.5	61.0	0	0	4	0	.....	0	0.10	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	76.0	50.0	63.0	63.0	0	0	2	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	74.0	44.0	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	
4	76.0	42.0	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	
5	75.0	42.0	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	
6	77.0	42.0	59.5	60.0	0	0	5	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	75.0	46.0	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	
8	80.0	48.0	64.0	64.0	0	0	1	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	84.0	45.0	64.5	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	
10	88.0	57.0	72.5	73.0	0	0	0	8	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
11	87.0	61.0	74.0*	74.0	0	0	0	9	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	86.0	59.0	72.5	73.0	0	0	0	8	..3.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
13	81.0	59.0	70.0	70.0	0	0	0	5	..3.....	0	0.09	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
14	66.0	52.0	59.0	59.0	0	0	6	0	..3.....	0	0.40	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
15	74.0	39.0*	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	
16	82.0	55.0	68.5	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	
17	71.0	56.0	63.5	64.0	0	0	1	0	.....	0	0.41	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	71.0	55.0	63.0	63.0	0	0	2	0	.....	0	0.24	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	75.0	60.0	67.5	68.0	0	0	0	3	.....	0	0.27	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
20																								
21																								
22	87.0	51.0	69.0	69.0	0	0	0	4	.....	0	0.17	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	77.0	54.0	65.5	66.0	0	0	0	1	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	78.0	50.0	64.0	64.0	0	0	1	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	85.0	52.0	68.5	69.0	0	0	0	4	..3.....	0	0.04	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
26	84.0	62.0	73.0	73.0	0	0	0	8	..3.....	0	0.19	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
27																								
28																								
29																								
30	89.0*	51.0	70.0	70.0	0	0	0	5	.....	0	T	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:													---	
1963	1288					52	59			1.93	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					
78.5	51.5	65.0	65.3	0	0.0	----	----	≥.01 inch 10		14.59	111.9	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			7561	59	Thunder	5	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	0.0	-													
0	0	0	0	----	----	Clear	25	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.