LOCAL CLIMATOLOGICAL DATA
Monthly Summary
July 1998

Station: Westford
Latitude: 44° 37' 39" N Longitude: 73° 02' 29" W Elevation (Ground): 850 feet Time Zone: Eastern

Date	Temperature					Hu-mid-ity	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
																Avg	Res	Res	Peak		Minute		
	Maximum	Minimum	Average	Mean	Dew Point	Mean	Heating Base 65°F	Cooling Base 65°F			Water Equivalent	Ice Pellets Snow	Maximum	Minimum	Mean	Speed	Speed	Dir	Speed	Dir	Speed	Dir	Mean Index
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	64.0	57.0	60.5*	61.0	0	0	4	0	.....	0	0.93	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	77.0	51.0	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	
3	83.0	51.0	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	
4	81.0	55.0	68.0	68.0	0	0	0	3	.....	0	0.55	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	74.0	57.0	65.5	66.0	0	0	0	1	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	78.0	48.0	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	
7	71.0	58.0	64.5	65.0	0	0	0	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	74.0	58.0	66.0	66.0	0	0	0	1	.....	0	0.93	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	76.0	59.0	67.5	68.0	0	0	0	3	..3.....	0	0.19	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	70.0	58.0	64.0	64.0	0	0	1	0	..3.....	0	0.66	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
11	71.0	57.0	64.0	64.0	0	0	1	0	.....	0	0.25	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	76.0	57.0	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	
13	75.0	54.0	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	
14	86.0	59.0	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	
15	89.0*	60.0	74.5	75.0	0	0	0	10	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	88.0	64.0	76.0	76.0	0	0	0	11	..3.....	0	1.90	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	85.0	63.0	74.0	74.0	0	0	0	9	..3.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	78.0	61.0	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	
19	82.0	52.0	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	
20	85.0	64.0	74.5	75.0	0	0	0	10	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	85.0	57.0	71.0	71.0	0	0	0	6	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	87.0	71.0	79.0*	79.0	0	0	0	14	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	75.0	62.0	68.5	69.0	0	0	0	4	..3.....	0	0.53	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24																							
25																							
26																							
27	82.0	46.0*	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	
28	81.0	64.0	72.5	73.0	0	0	0	8	.....	0	0.15	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
29																							
30																							
31	79.0	55.0	67.0	67.0	0	0	0	2	.....	0	1.12	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:										---
	2052	1498					10	101			7.25	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
	78.9	57.6	68.3	68.5	0	0.0	----	----	≥.01 inch	12	37.74	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		10	218	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	0	----	----	Clear	26	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^2 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.