

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

July 1995

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
1	89.0	62.0	75.5	76.0	0	0	0	11	..3.....	0	0.86	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	80.0	58.0	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
3	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
4	91.0	50.0*	70.5	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
5	91.0	59.0	75.0	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
6	93.0	69.0	81.0	81.0	0	0	0	16	..3.....	0	0.08	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	81.0	66.0	73.5	74.0	0	0	0	9	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
8	83.0	60.0	71.5	72.0	0	0	0	7	.....	0	0.10	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
9	83.0	56.0	69.5	70.0	0	0	0	5	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	85.0	57.0	71.0	71.0	0	0	0	6	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	88.0	50.0	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
12	92.0	52.0	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
13	96.0	56.0	76.0	76.0	0	0	0	11	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14																							
15																							
16																							
17	103.0*	53.0	78.0	78.0	0	0	0	13	.....	0	1.52	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	86.0	61.0	73.5	74.0	0	0	0	9	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
19	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
20	78.0	60.0	69.0	69.0	0	0	0	4	.....	0	0.08	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
21	89.0	63.0	76.0	76.0	0	0	0	11	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22	92.0	58.0	75.0	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
23	83.0	68.0	75.5	76.0	0	0	0	11	..3.....	0	0.36	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	84.0	66.0	75.0	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
25	93.0	59.0	76.0	76.0	0	0	0	11	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
26	89.0	67.0	78.0	78.0	0	0	0	13	..3.....	0	0.75	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	86.0	68.0	77.0	77.0	0	0	0	12	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	90.0	60.0	75.0	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
29	93.0	71.0	82.0*	82.0	0	0	0	17	.....	0	0.04	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	89.0	60.0	74.5	73.0	0	0	0	10	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
31	95.0	53.0	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
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:													---
2470	1675					0	257			3.92	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				
88.2	59.8	74.0	74.1	0	0.0	----	----	≥.01 inch 14		5.28	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			0	293	Thunder	4	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	0.0	-												
11	0	0	0	----	----	Clear	28	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.