

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

July 1996

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	83.0	62.0	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
2	84.0*	54.0	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	76.0	60.0	68.0	68.0	0	0	0	3	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	71.0	60.0	65.5	66.0	0	0	0	1	..3.....	0	2.58	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	75.0	58.0	66.5	67.0	0	0	0	2	.....	0	0.18	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6																							
7																							
8	81.0	47.0*	64.0	64.0	0	0	1	0	.....	0	0.16	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
9	81.0	53.0	67.0	67.0	0	0	0	2	..3.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	71.0	55.0	63.0	63.0	0	0	2	0	.....	0	0.26	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	79.0	52.0	65.5	66.0	0	0	0	1	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
12	80.0	54.0	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
13	69.0	61.0	65.0	65.0	0	0	0	0	.....	0	0.46	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	82.0	62.0	72.0	72.0	0	0	0	7	..3.....	0	0.11	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	79.0	63.0	71.0	71.0	0	0	0	6	..3.....	0	1.07	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	79.0	66.0	72.5	73.0	0	0	0	8	..3.....	0	0.24	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	80.0	59.0	69.5	70.0	0	0	0	5	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	84.0	57.0	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
19	77.0	62.0	69.5	70.0	0	0	0	5	.....	0	0.87	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	62.0	55.0	58.5*	59.0	0	0	6	0	.....	0	0.47	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
21	74.0	53.0	63.5	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
22	79.0	47.0	63.0	63.0	0	0	2	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	82.0	54.0	68.0	68.0	0	0	0	3	..3.....	0	0.12	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	82.0	57.0	69.5	70.0	0	0	0	5	..3.....	0	0.24	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	79.0	60.0	69.5	70.0	0	0	0	5	..3.....	0	0.11	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	81.0	63.0	72.0	72.0	0	0	0	7	..3.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	73.0	60.0	66.5	67.0	0	0	0	2	.....	0	0.31	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	75.0	53.0	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
29	80.0	48.0	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
30	75.0	62.0	68.5	69.0	0	0	0	4	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
31	67.0	60.0	63.5	64.0	0	0	1	0	.....	0	0.26	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:													---
2240	1657					15	86			7.65	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				
77.2	57.1	67.2	67.4	0	0.0	----	----	≥.01 inch 20		29.70	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			15	156	Thunder 9		Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog 0		0.00 -		0.0 -													
0	0	0	0	----	----	Clear 29		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.