

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

August 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
1	83.0	54.0	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
2	79.0	65.0	72.0	72.0	0	0	0	7	..3.....	0	0.04	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	72.0	54.0	63.0	63.0	0	0	2	0	..3.....	0	0.34	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	76.0	46.0	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
5	72.0	54.0	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
6	74.0	47.0	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
7	78.0	42.0*	60.0	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
8	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
9	85.0	55.0	70.0	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
10	87.0*	56.0	71.5	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
11	82.0	64.0	73.0*	73.0	0	0	0	8	..3.....	0	1.52	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	72.0	49.0	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
13	64.0	56.0	60.0	60.0	0	0	5	0	.....	0	1.19	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	72.0	56.0	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
15																							
16																							
17																							
18	85.0	48.0	66.5	67.0	0	0	0	2	.....	0	0.81	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
19	71.0	46.0	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
20	74.0	42.0	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
21	62.0	55.0	58.5	59.0	0	0	6	0	.....	0	0.81	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22	72.0	55.0	63.5	64.0	0	0	1	0	..3.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	71.0	53.0	62.0	62.0	0	0	3	0	.....	0	0.27	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	72.0	56.0	64.0	64.0	0	0	1	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	75.0	48.0	61.5	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
26	77.0	51.0	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
27	73.0	55.0	64.0	64.0	0	0	1	0	..3.....	0	0.18	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
28	78.0	58.0	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	
29	72.0	54.0	63.0	63.0	0	0	2	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	74.0	56.0	65.0	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
31	75.0	49.0	62.0	62.0	0	0	3	0	.....	0	0.16	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
Sum	Sum	-----	-----	---	----		Ttl	Ttl															---
	2109	1478					61	39	Number of Days		5.47	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	
	75.3	52.8	64.1	64.2	0	0.0	----	----	≥.01 inch	12	26.12	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			98	195	Thunder	6	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.00	-	0.0	-										
0	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.