

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### August 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 Mean Index	
	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
1	2	3	4A	4B	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1																							
2	81.0	59.0	70.0	70.0	0	0	0	5	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	82.0	64.0	73.0	73.0	0	0	0	8	..3.....	0	0.59	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	80.0	67.0	73.5	74.0	0	0	0	9	..3.....	0	1.71	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5																							
6	79.0	61.0	70.0	70.0	0	0	0	5	.....	0	6.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7																							
8																							
9																							
10																							
11	88.0	60.0	74.0	74.0	0	0	0	9	..3.....	0	1.21	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	87.0	61.0	74.0	74.0	0	0	0	9	..3.....	0	0.20	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13																							
14																							
15	92.0*	68.0	80.0*	80.0	0	0	0	15	.....	0	0.15	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16																							
17																							
18																							
19																							
20																							
21																							
22																							
23																							
24	71.0	57.0	64.0	64.0	0	0	1	0	.....	0	0.18	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25																							
26																							
27	82.0	53.0	67.5	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	
28																							
29																							
30																							
31	73.0	50.0*	61.5*	62.0	0	0	3	0	.....	0	0.02	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:											---
815	600					4	63			10.18	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		
81.5	60.0	70.8	70.9	0	0.0	----	----	≥.01 inch		10	15.46	0.0	2+	2+	-----	----	----	----	2+	2+			
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			4	356	Thunder	4	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	0.0	-	0					-						
1	0	0	0	----	----	Clear	10	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<sup>2</sup> 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.