

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

August 2001

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	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	85.0	56.0	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
2	90.0	63.0	76.5	77.0	0	0	0	12	.....	0	0.36	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	85.0	67.0	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
4	84.0	59.0	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
5	85.0	58.0	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
6	91.0*	65.0	78.0	78.0	0	0	0	13	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	89.0	68.0	78.5	79.0	0	0	0	14	..3.....	0	0.28	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	89.0	60.0	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
9	91.0	70.0	80.5*	81.0	0	0	0	16	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	84.0	60.0	72.0	72.0	0	0	0	7	.....	0	0.55	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11																							
12	84.0	52.0	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
13	84.0	63.0	73.5	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
14	77.0	54.0	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
15	81.0	49.0	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
16	84.0	56.0	70.0	70.0	0	0	0	5	.....	0	0.15	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	77.0	63.0	70.0	70.0	0	0	0	5	.....	0	0.43	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	81.0	64.0	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
19	83.0	58.0	70.5	71.0	0	0	0	6	.....	0	0.20	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	82.0	63.0	72.5	73.0	0	0	0	8	..3.....	0	0.39	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	79.0	60.0	69.5	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
22	80.0	62.0	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
23	82.0	57.0	69.5	70.0	0	0	0	5	.....	0	0.08	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	68.0	51.0	59.5	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
25	73.0	61.0	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
26	80.0	60.0	70.0	70.0	0	0	0	5	..3.....	0	0.28	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	72.0	58.0	65.0	65.0	0	0	0	0	.....	0	0.36	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	75.0	54.0	64.5	65.0	0	0	0	0	..3.....	0	0.66	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
29	67.0	52.0	59.5	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
30	73.0	45.0*	59.0*	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
31	82.0	62.0	72.0	72.0	0	0	0	7	..3.....	0	2.31	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:												---	
2437	1770					16	178			6.07	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				
81.2	59.0	70.1	70.4	0	0.0	----	----	≥.01 inch 13		24.68	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			42	317	Thunder	5	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	0.0	-												
3	0	0	0	----	----	Clear	30	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.