

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

September 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	Res	Res	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	75.0	60.0	67.5*	68.0	0	0	0	3	.....	0	0.14	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
2	80.0*	53.0	66.5	67.0	0	0	0	2	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	70.0	50.0	60.0	60.0	0	0	5	0	.....	0	0.51	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	60.0	43.0	51.5	52.0	0	0	13	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	71.0	41.0	56.0	56.0	0	0	9	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	66.0	49.0	57.5	58.0	0	0	7	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	70.0	55.0	62.5	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
8	70.0	42.0	56.0	56.0	0	0	9	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
9	73.0	44.0	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
10	73.0	47.0	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
11	71.0	61.0	66.0	66.0	0	0	0	1	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
12	76.0	59.0	67.5	68.0	0	0	0	3	.....	0	0.10	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
13	72.0	57.0	64.5	65.0	0	0	0	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	73.0	60.0	66.5	67.0	0	0	0	2	.....	0	0.10	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
15	73.0	51.0	62.0	62.0	0	0	3	0	.....	0	0.20	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
16	65.0	47.0	56.0	56.0	0	0	9	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	70.0	38.0	54.0	54.0	0	0	11	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	72.0	52.0	62.0	62.0	0	0	3	0	.....	0	0.17	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
19	73.0	47.0	60.0	60.0	0	0	5	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	64.0	46.0	55.0	55.0	0	0	10	0	.....	0	0.99	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
21	52.0	39.0	45.5	46.0	0	0	19	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22	62.0	35.0	48.5	49.0	0	0	16	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	54.0	45.0	49.5	50.0	0	0	15	0	.....	0	0.42	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	51.0	33.0*	42.0*	42.0	0	0	23	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	62.0	36.0	49.0	49.0	0	0	16	0	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
26	53.0	44.0	48.5	49.0	0	0	16	0	.....	0	0.11	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	59.0	33.0	46.0	46.0	0	0	19	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	66.0	34.0	50.0	50.0	0	0	15	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
29	60.0	51.0	55.5	56.0	0	0	9	0	.....	0	0.83	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	63.0	48.0	55.5	56.0	0	0	9	0	.....	0	0.55	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:						---				
1999	1400					254	11			4.28	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				
66.6	46.7	56.7	56.9	0	0.0	----	----	≥.01 inch	21	30.40	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			352	206	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	0.0	-	0						-					
0	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.