

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

September 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	80.0	50.0	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
2	77.0	54.0	65.5	66.0	0	0	0	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	79.0	62.0	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
4	82.0*	56.0	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
5	82.0	61.0	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	81.0	58.0	69.5	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
7	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
8	70.0	57.0	63.5	64.0	0	0	1	0	.....	0	0.40	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
9	73.0	62.0	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
10	73.0	61.0	67.0	67.0	0	0	0	2	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	73.0	53.0	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
12	72.0	55.0	63.5	64.0	0	0	1	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
13	68.0	53.0	60.5	61.0	0	0	4	0	.....	0	0.15	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14																							
15	70.0	54.0	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
16	63.0	53.0	58.0	58.0	0	0	7	0	.....	0	0.92	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	65.0	51.0	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
18	68.0	50.0	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
19	65.0	42.0	53.5	54.0	0	0	11	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	69.0	45.0	57.0	57.0	0	0	8	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
21	72.0	47.0	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
22	68.0	46.0	57.0	57.0	0	0	8	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	59.0	40.0	49.5	50.0	0	0	15	0	.....	0	0.07	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	59.0	32.0*	45.5*	46.0	0	0	19	0	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	52.0	45.0	48.5	49.0	0	0	16	0	.....	0	0.31	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
26	61.0	40.0	50.5	51.0	0	0	14	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	61.0	37.0	49.0	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
28	69.0	55.0	62.0	62.0	0	0	3	0	.....	0	0.48	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
29	63.0	48.0	55.5	56.0	0	0	9	0	.....	0	0.75	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	59.0	41.0	50.0	50.0	0	0	15	0	.....	0	0.06	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:						---				
2012	1460					170	29			3.64	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				
69.4	50.3	59.9	60.1	0	0.0	----	----	≥.01 inch		13	35.97	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			210	274	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	0.0	-	0						-					
0	0	1	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.