

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

September 2000

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		11	12	13	14	15	16	17	18	19	20	21	22	23	
1																							
2																							
3																							
4	87.0*	47.0	67.0	67.0	0	0	0	2	.....	0	0.45	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	60.0	34.0	47.0	47.0	0	0	18	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	65.0	34.0	49.5	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
7	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
8																							
9																							
10	77.0	44.0	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
11	74.0	59.0	66.5	67.0	0	0	0	2	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
12	74.0	66.0	70.0*	70.0	0	0	0	5	.....	0	0.20	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
13	70.0	54.0	62.0	62.0	0	0	3	0	.....	0	0.38	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	71.0	48.0	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
15	63.0	53.0	58.0	58.0	0	0	7	0	.....	0	0.73	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
16	60.0	48.0	54.0	54.0	0	0	11	0	.....	0	0.33	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	63.0	43.0	53.0	53.0	0	0	12	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	69.0	52.0	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
19	74.0	49.0	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
20	78.0	52.0	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
21	71.0	54.0	62.5	63.0	0	0	2	0	.....	0	0.20	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22	58.0	45.0	51.5	52.0	0	0	13	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	61.0	45.0	53.0	53.0	0	0	12	0	.....	0	0.08	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	63.0	41.0	52.0	52.0	0	0	13	0	.....	0	0.30	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	54.0	35.0	44.5	45.0	0	0	20	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
26	59.0	35.0	47.0	47.0	0	0	18	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	65.0	33.0	49.0	49.0	0	0	16	0	.....	0	0.19	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	52.0	31.0	41.5	42.0	0	0	23	0	.....	0	0.14	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
29	52.0	25.0*	38.5*	39.0	0	0	26	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	64.0	35.0	49.5	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
Sum	Sum	-----	-----	---	----	Ttl	Ttl								For the month:						---		
1655	1103					249	9	Number of Days		3.04	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				
66.2	44.1	55.2	55.4	0	0.0	----	----	≥.01 inch	12	35.13	0.0	4+	4+	-----	----	----	---	4+	4+				
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			338	197	Thunder	1	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	0.0	-												
0	0	2	0	----	----	Clear	25	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.