

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

May 2001

Station: Westford
 Latitude: 44° 37' 39" N Longitude: 73° 02' 29" W Elevation (Ground): 850 feet Time Zone: Eastern

Date	Temperature					Humidity	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		Mean	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	82.0	43.0	62.5	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	0	0
2	86.0	44.0	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	0	0
3	88.0*	52.0	70.0*	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	0	0
4	77.0	55.0	66.0	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	0	0
5	59.0	39.0	49.0	49.0	0	0	16	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0
6	67.0	30.0*	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	0	0
7	73.0	32.0	52.5	53.0	0	0	12	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0
8	80.0	37.0	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	0	0
9	74.0	46.0	60.0	60.0	0	0	5	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0
10	78.0	41.0	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	0	0
11																									
12																									
13																									
14	84.0	33.0	58.5	59.0	0	0	6	0	.....	0	0.78	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0
15	60.0	33.0	46.5	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	0	0
16	69.0	40.0	54.5	55.0	0	0	10	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0
17	72.0	40.0	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	0	0
18																									
19																									
20	75.0	39.0	57.0	57.0	0	0	8	0	.....	0	0.35	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0
21	78.0	51.0	64.5	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	0	0
22	70.0	56.0	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	0	0
23	62.0	55.0	58.5	59.0	0	0	6	0	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0
24	75.0	52.0	63.5	64.0	0	0	1	0	.....	0	0.16	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0
25	77.0	48.0	62.5	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	0	0
26	78.0	52.0	65.0	65.0	0	0	0	0	.....	0	0.04	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0
27	66.0	56.0	61.0	61.0	0	0	4	0	.....	0	0.26	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0
28	67.0	52.0	59.5	60.0	0	0	5	0	..3.....	0	0.51	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0	
29	68.0	46.0	57.0	57.0	0	0	8	0	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0
30	54.0	38.0	46.0*	46.0	0	0	19	0	.....	0	0.35	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0
31	59.0	38.0	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	0	0
Sum	Sum	-----	-----	---	----	Ttl	Ttl																		---
	1878	1148					176	6	Number of Days		2.63	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	0	0	
Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip		Season Ttl	Date	Date	-----	----	----	---	Date	Date	Avg						
	72.2	44.2	58.2	58.5	0	0.0	----	----	≥.01 inch	11	12.37	149.4	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		7263	6	Thunder	1	Precipitation	Snow, Ice Plts																
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	0.0	-	0		-											
0	0	2	0	----	----	Clear	26	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.