

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

November 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	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	59.0	38.0	48.5	49.0	0	0	16	0	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
2	67.0*	55.0	61.0*	61.0	0	0	4	0	.....	0	0.27	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	59.0	45.0	52.0	52.0	0	0	13	0	.....	0	0.12	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	51.0	39.0	45.0	45.0	0	0	20	0	.....	0	0.23	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	40.0	35.0	37.5	38.0	0	0	27	0	.....	0	0.29	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	41.0	32.0	36.5	37.0	0	0	28	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	48.0	30.0	39.0	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
8	47.0	23.0	35.0	35.0	0	0	30	0	....4.....	0	0.03	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
9	48.0	29.0	38.5	39.0	0	0	26	0	.....	0	0.02	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	42.0	27.0	34.5	35.0	0	0	30	0	.....	0	0.17	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	35.0	26.0	30.5	31.0	0	0	34	0	.....	0	0.06	0.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
12	36.0	21.0	28.5	29.0	0	0	36	0	.....	0	0.13	2.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
13	39.0	17.0*	28.0*	28.0	0	0	37	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	47.0	38.0	42.5	43.0	0	0	22	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
15	57.0	43.0	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
16	57.0	27.0	42.0	42.0	0	0	23	0	.....	0	0.16	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	37.0	19.0	28.0	28.0	0	0	37	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	52.0	32.0	42.0	42.0	0	0	23	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
19	56.0	43.0	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
20	53.0	26.0	39.5	40.0	0	0	25	0	.....	0	0.07	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
21	39.0	23.0	31.0	31.0	0	0	34	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22	43.0	29.0	36.0	36.0	0	0	29	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	50.0	29.0	39.5	40.0	0	0	25	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	52.0	32.0	42.0	42.0	0	0	23	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	60.0	50.0	55.0	55.0	0	0	10	0	.....	0	0.08	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
26	55.0	44.0	49.5	50.0	0	0	15	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	45.0	34.0	39.5	40.0	0	0	25	0	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	38.0	29.0	33.5	34.0	0	0	31	0	.....	0	0.06	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
29	42.0	29.0	35.5	36.0	0	0	29	0	.....	0	0.71	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	56.0	35.0	45.5	46.0	0	0	19	0	.....	0	0.21	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:													---
1451	979					727	0			2.72	3.3	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				
48.4	32.6	40.5	40.8	0	0.0	----	----	≥.01 inch 18		31.44	4.2	1+	1+	-----	----	----	---	1+	1+				
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	1	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			1358	346	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	2.7	12	0						-					
0	0	18	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.