

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

April 2002

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	45.0	37.0	41.0	41.0	0	0	24	0	.....	0	0.37	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
2	48.0	32.0	40.0	40.0	0	0	25	0	.....	0	0.07	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	48.0	30.0	39.0	39.0	0	0	26	0	.....	0	0.13	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	40.0	24.0	32.0	32.0	0	0	33	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	42.0	21.0	31.5	32.0	0	0	33	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	34.0	19.0	26.5*	27.0	0	0	38	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	43.0	15.0*	29.0	29.0	0	0	36	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
8	53.0	36.0	44.5	45.0	0	0	20	0	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
9	60.0	43.0	51.5	52.0	0	0	13	0	.....	0	0.24	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	49.0	36.0	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
11	60.0	30.0	45.0	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
12	66.0	43.0	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
13	61.0	51.0	56.0	56.0	0	0	9	0	.....	0	0.58	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	62.0	44.0	53.0	53.0	0	0	12	0	.....	0	0.37	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
15	69.0	49.0	59.0	59.0	0	0	6	0	.....	0	0.18	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
16	83.0	54.0	68.5	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
17	86.0*	65.0	75.5*	76.0	0	0	0	11	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	77.0	57.0	67.0	67.0	0	0	0	2	..3.....	0	0.24	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	80.0	53.0	66.5	67.0	0	0	0	2	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	64.0	39.0	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
21	41.0	30.0	35.5	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
22	40.0	24.0	32.0	32.0	0	0	33	0	.....	0	0.24	3.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	53.0	31.0	42.0	42.0	0	0	23	0	.....	0	0.10	1.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24																							
25																							
26																							
27																							
28	60.0	30.0	45.0	45.0	0	0	20	0	.....	0	0.59	0.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
29	40.0	33.0	36.5	37.0	0	0	28	0	.....	0	0.57	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	53.0	34.0	43.5	44.0	0	0	21	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															---
	1457	960					494	19	Number of Days		3.79	5.0	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				
	56.0	36.9	46.5	46.7	0	0.0	----	----	≥.01 inch	14	11.40	94.1	1+	1+	-----	----	----	---	1+	1+			
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	2	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			6075	19	Thunder	1	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	3.0	22	0					-						
0	0	11	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.