

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

April 1999

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	2	3	4A	4B	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	62.0	29.0	45.5	46.0	0	0	19	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	54.0	35.0	44.5	45.0	0	0	20	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	59.0	38.0	48.5	49.0	0	0	16	0	.....	0	0.13	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	48.0	30.0	39.0	39.0	0	0	26	0	.....	0	0.07	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	49.0	24.0	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	
6	64.0	26.0	45.0	45.0	0	0	20	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	55.0	42.0	48.5	49.0	0	0	16	0	.....	0	0.04	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	59.0	37.0	48.0	48.0	0	0	17	0	.....	0	0.08	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	50.0	32.0	41.0	41.0	0	0	24	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	44.0	29.0	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	
11	50.0	22.0*	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	
12																								
13	50.0	24.0	37.0	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	
14	45.0	36.0	40.5	41.0	0	0	24	0	.....	0	0.00	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	53.0	31.0	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	
16	62.0	28.0	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	
17	53.0	39.0	46.0	46.0	0	0	19	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	60.0	39.0	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	
19	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	
20	63.0	32.0	47.5	48.0	0	0	17	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21																								
22	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	
23	51.0	36.0	43.5	44.0	0	0	21	0	.....	0	0.39	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	51.0	28.0	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	
25	60.0	25.0	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	
26	60.0	43.0	51.5*	52.0	0	0	13	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	56.0	38.0	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	
28	62.0	29.0	45.5	46.0	0	0	19	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
29	64.0	30.0	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	
30	69.0*	32.0	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	
Sum	Sum	-----	-----	---	----	Ttl	Ttl						For the month:										---	
1577	903					572	0	Number of Days			0.76	T	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				
56.3	32.3	44.3	44.6	0	0.0	----	----	≥.01 inch	8		9.12	78.9	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			6703	0	Thunder	0	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	T	4+													
0	0	16	0	----	----	Clear	28	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.