

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

April 1996

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
1	2	3	4A	4B	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	59.0	23.0	41.0	41.0	0	0	24	0	...	4	0.03	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
2	40.0	28.0	34.0	34.0	0	0	31	0	...	4	0.17	1.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
3	38.0	22.0	30.0*	30.0	0	0	35	0	...	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
4	39.0	21.0*	30.0	30.0	0	0	35	0	...	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
5	41.0	27.0	34.0	34.0	0	0	31	0	...	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
6	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		
7	43.0	32.0	37.5	38.0	0	0	27	0	...	4	0.02	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
8	41.0	33.0	37.0	37.0	0	0	28	0	...	4	0.26	2.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
9	42.0	33.0	37.5	38.0	0	0	27	0	...	4	0.02	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
10	36.0	30.0	33.0	33.0	0	0	32	0	...	4	0.48	4.8	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
11	51.0	33.0	42.0	42.0	0	0	23	0	...	4	0.19	1.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
12	50.0	35.0	42.5	43.0	0	0	22	0	...	0	0.07	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
13	48.0	27.0	37.5	38.0	0	0	27	0	...	4	0.01	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
14	39.0	33.0	36.0	36.0	0	0	29	0	...	4	0.59	0.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
15	55.0	31.0	43.0	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		
16	48.0	37.0	42.5	43.0	0	0	22	0	...	0	0.68	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
17	39.0	33.0	36.0	36.0	0	0	29	0	...	4	0.76	6.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
18	50.0	32.0	41.0	41.0	0	0	24	0	...	4	0.03	0.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
19																								
20																								
21	70.0	42.0	56.0	56.0	0	0	9	0	...	0	0.42	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
22	68.0	38.0	53.0	53.0	0	0	12	0	...	0	0.26	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
23	56.0	50.0	53.0	53.0	0	0	12	0	...	3	0.50	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
24	51.0	33.0	42.0	42.0	0	0	23	0	...	4	0.66	3.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
25	55.0	35.0	45.0	45.0	0	0	20	0	...	0	0.13	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
26	73.0*	45.0	59.0*	59.0	0	0	6	0	...	3	0.22	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
27	51.0	35.0	43.0	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		
28	52.0	29.0	40.5	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		
29	53.0	27.0	40.0	40.0	0	0	25	0	...	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
30	64.0	44.0	54.0	54.0	0	0	11	0	...	0	0.52	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:													---	
1404	913					658	0			6.03	21.7	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				
50.1	32.6	41.4	41.5	0	0.0	----	----	≥.01 inch 21		13.16	125.5	1+	1+	-----	----	----	---	1+	1+					
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	6	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date									
Max Temperature			Min Temperature			7643	0	Thunder	2	Precipitation			Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	6.5	17	0						-						
0	0	13	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.