

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

April 1997

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 Mean Index	
	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	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	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
2	43.0	24.0	33.5	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
3	51.0	20.0	35.5	36.0	0	0	29	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	46.0	31.0	38.5	39.0	0	0	26	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	57.0	27.0	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
6	62.0	41.0	51.5	52.0	0	0	13	0	.....	0	0.33	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	57.0	36.0	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
8	37.0	25.0	31.0	31.0	0	0	34	0	...4.....	0	0.02	0.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	26.0	12.0*	19.0*	19.0	0	0	46	0	...4.....	0	0.01	0.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	37.0	15.0	26.0	26.0	0	0	39	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11																							
12																							
13																							
14	50.0	18.0	34.0	34.0	0	0	31	0	.....	0	0.31	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
15	49.0	20.0	34.5	35.0	0	0	30	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
16	61.0	24.0	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
17	56.0	41.0	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
18	41.0	33.0	37.0	37.0	0	0	28	0	...4.....	0	0.91	8.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	47.0	33.0	40.0	40.0	0	0	25	0	...4.....	0	0.08	0.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
20	55.0	26.0	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
21	60.0	35.0	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
22	62.0	31.0	46.5	47.0	0	0	18	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	63.0	29.0	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
24	57.0	31.0	44.0	44.0	0	0	21	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	59.0	37.0	48.0	48.0	0	0	17	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
26	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
27	65.0	28.0	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
28	55.0	41.0	48.0	48.0	0	0	17	0	.....	0	0.36	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
29	58.0	36.0	47.0	47.0	0	0	18	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	73.0*	38.0	55.5*	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
Sum	Sum	-----	-----	---	----	Ttl	Ttl																---
1426	794					638	0		Number of Days	2.03	9.8	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			
52.8	29.4	41.1	41.4	0	0.0	----	----		≥.01 inch	8	9.24	111.9	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			7079	0	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	8.3	18	0						-					
0	1	16	0	----	----	Clear	27	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.