

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

April 1998

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		11	12	13	14	15	16	17	18	19	20	21	22	23	
1	56.0	37.0	46.5	47.0	0	0	18	0	.....	0	0.72	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
2	51.0	40.0	45.5	46.0	0	0	19	0	.....	0	0.27	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	41.0	35.0	38.0	38.0	0	0	27	0	...4.....	0	0.10	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	38.0	32.0	35.0*	35.0	0	0	30	0	.....	0	0.01	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	42.0	32.0	37.0	37.0	0	0	28	0	...4.....	0	0.03	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	53.0	34.0	43.5	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
7	55.0	30.0	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
8	60.0	26.0	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
9	54.0	31.0	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
10	49.0	29.0	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
11	53.0	25.0	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
12	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
13	64.0	27.0	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
14	67.0	29.0	48.0	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
15	68.0	35.0	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
16	72.0	34.0	53.0	53.0	0	0	12	0	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	71.0	43.0	57.0*	57.0	0	0	8	0	.....	0	0.29	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	61.0	36.0	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
19	61.0	40.0	50.5	51.0	0	0	14	0	.....	0	0.09	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	49.0	41.0	45.0	45.0	0	0	20	0	.....	0	0.64	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
21	60.0	33.0	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
22																							
23	69.0	31.0	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
24	60.0	42.0	51.0	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
25	48.0	31.0	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
26	53.0	23.0*	38.0	38.0	0	0	27	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	45.0	25.0	35.0	35.0	0	0	30	0	.....	0	0.01	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	58.0	33.0	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	71.0	32.0	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
30	74.0*	35.0	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
Sum	Sum	-----	-----	---	----		Ttl	Ttl															---
1663	946						573	0	Number of Days		2.24	0.2	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				
57.3	32.6	45.0	45.2	0	0.0	----	----		≥.01 inch	11	15.12	119.5	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			6832	0	Thunder	0	Precipitation		Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.00	-	0.2	5	0			-						
0	0	15	0	----	----			Clear	29	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.