

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

March 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	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	47.0	33.0	40.0	40.0	0	0	25	0	.....	0	0.06	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
2	50.0	34.0	42.0	42.0	0	0	23	0	.....	0	0.04	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	38.0	30.0	34.0	34.0	0	0	31	0	...4.....	0	T	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	41.0	30.0	35.5	36.0	0	0	29	0	...4.....	0	0.06	0.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	43.0	29.0	36.0	36.0	0	0	29	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	40.0	26.0	33.0	33.0	0	0	32	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	39.0	24.0	31.5	32.0	0	0	33	0	.....	0	0.10	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
8																							
9	52.0	17.0	34.5	35.0	0	0	30	0	.....	0	0.32	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	44.0	15.0	29.5	30.0	0	0	35	0	..34.....	0	0.97	2.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
11	17.0	6.0	11.5	12.0	0	0	53	0	...4.....	0	0.01	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	17.0	2.0	9.5*	10.0	0	0	55	0	...4.....	0	0.02	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	32.0	-6.0*	13.0	13.0	0	0	52	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	39.0	25.0	32.0	32.0	0	0	33	0	.....	0	0.07	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
15	34.0	24.0	29.0	29.0	0	0	36	0	...4.....	0	0.16	3.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	33.0	12.0	22.5	23.0	0	0	42	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	38.0	2.0	20.0	20.0	0	0	45	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	47.0	15.0	31.0	31.0	0	0	34	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
19	39.0	33.0	36.0	36.0	0	0	29	0	.....	0	0.34	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	36.0	29.0	32.5	33.0	0	0	32	0	.....6...	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
21	34.0	27.0	30.5	31.0	0	0	34	0	...4.....	0	0.56	5.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	37.0	25.0	31.0	31.0	0	0	34	0	...4.....	0	0.66	7.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	38.0	16.0	27.0	27.0	0	0	38	0	.....	0	0.06	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	40.0	15.0	27.5	28.0	0	0	37	0	...4.....	0	0.02	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	43.0	7.0	25.0	25.0	0	0	40	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
26	51.0	37.0	44.0	44.0	0	0	21	0	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	62.0	39.0	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
28	71.0	44.0	57.5*	58.0	0	0	7	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
29	55.0	40.0	47.5	48.0	0	0	17	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	71.0	33.0	52.0	52.0	0	0	13	0	..3.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
31	76.0*	39.0	57.5	58.0	0	0	7	0	..3.....	0	0.20	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
Sum	Sum	-----	-----	---	----		Ttl	Ttl														---	
1304	702						940	0	Number of Days		3.78	24.6	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				
43.5	23.4	33.4	33.7	0	0.0	----	----		≥.01 inch	20	12.88	119.3	1+	1+	-----	----	----	---	1+	1+			
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	8	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			6259	0	Thunder	3	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.00	-	7.7	22	0			-						
0	3	21	1	----	----			Clear	30	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.