

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

March 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	
	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	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	47.0	22.0	34.5	35.0	0	0	30	0	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
2	49.0	35.0	42.0	42.0	0	0	23	0	.....	0	0.09	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	35.0	21.0	28.0	28.0	0	0	37	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	35.0	23.0	29.0	29.0	0	0	36	0	...4.....	0	0.05	0.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	37.0	28.0	32.5	33.0	0	0	32	0	...4.....	0	0.32	2.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	35.0	19.0	27.0	27.0	0	0	38	0	...4.....	0	0.95	9.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	26.0	11.0	18.5	19.0	0	0	46	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
8	32.0	11.0	21.5	22.0	0	0	43	0	...4.....	0	0.12	1.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	27.0	-8.0*	9.5*	10.0	0	0	55	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	42.0	19.0	30.5	31.0	0	0	34	0	...4.....	0	0.12	1.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
11	39.0	26.0	32.5	33.0	0	0	32	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
12	30.0	11.0	20.5	21.0	0	0	44	0	...4.....	0	0.09	0.9	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	21.0	-2.0	9.5	10.0	0	0	55	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	29.0	-3.0	13.0	13.0	0	0	52	0	...4.6...	0	0.55	3.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	35.0	21.0	28.0	28.0	0	0	37	0	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
16	23.0	11.0	17.0	17.0	0	0	48	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	34.0	2.0	18.0	18.0	0	0	47	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	33.0	8.0	20.5	21.0	0	0	44	0	...4.....	0	0.03	0.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	37.0	-2.0	17.5	18.0	0	0	47	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	42.0	18.0	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
21	44.0	20.0	32.0	32.0	0	0	33	0	...4.....	0	0.04	0.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	35.0	19.0	27.0	27.0	0	0	38	0	...4.....	0	0.15	2.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	25.0	9.0	17.0	17.0	0	0	48	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	32.0	12.0	22.0	22.0	0	0	43	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	44.0	4.0	24.0	24.0	0	0	41	0	...4.....	0	0.22	1.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	43.0	32.0	37.5	38.0	0	0	27	0	.....	0	0.01	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	50.0	31.0	40.5	41.0	0	0	24	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	57.0	25.0	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
29	62.0*	37.0	49.5*	50.0	0	0	15	0	.....	0	0.10	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	41.0	36.0	38.5	39.0	0	0	26	0	.....	0	0.09	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
31	38.0	28.0	33.0	33.0	0	0	32	0	...4.....	0	0.33	0.1	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:													---
1159	524					1166	0			3.34	24.2	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				
37.4	16.9	27.1	27.4	0	0.0	----	----	≥.01 inch 18		7.21	102.1	1+	1+	-----	----	----	---	1+	1+				
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	7	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			6441	0	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	9.5	6	0			-								
0	9	28	4	----	----	Clear	31	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.