LOCAL CLIMATOLOGICAL DATA
Monthly Summary
February 1997

Station: Westford
Latitude: 44° 37' 39" N Longitude: 73° 02' 29" W Elevation (Ground): 850 feet Time Zone: Eastern

Date	Temperature Maximum	Temperature Minimum	Temperature Average	Temperature Mean	Dew Point	Humidity Mean	Deg. Days Heating Base 65°F	Deg. Days Cooling Base 65°F	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 Water Equivalent	Precip Ice Pellets Snow	Pressure Adj. to Sea Level Maximum	Pressure Adj. to Sea Level Minimum	Pressure Adj. to Sea Level Mean	Wind Avg Speed	Wind Res Speed	Wind Res Dir	Wind Peak Speed	Wind Peak Dir	Wind Minute Speed	Wind Minute Dir	Sun Mean Index
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	36.0	30.0	33.0	33.0	0	0	32	0	...4.....	0	0.24	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	34.0	25.0	29.5	30.0	0	0	35	0	...4.....	0	0.01	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	37.0	14.0	25.5	26.0	0	0	39	0	....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	35.0	12.0	23.5	24.0	0	0	41	0	....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	37.0	29.0	33.0	33.0	0	0	32	0	...4.....	0	0.40	2.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	36.0	27.0	31.5	32.0	0	0	33	0	....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	35.0	18.0	26.5	27.0	0	0	38	0	...4.....	0	T	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	18.0	-2.0	8.0	8.0	0	0	57	0	....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	29.0	-8.0*	10.5	11.0	0	0	54	0	....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	35.0	11.0	23.0	23.0	0	0	42	0	...4.....	0	T	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
11	32.0	13.0	22.5	23.0	0	0	42	0	...4.....	0	T	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	35.0	18.0	26.5	27.0	0	0	38	0	....	0	0.04	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	28.0	-3.0	12.5	13.0	0	0	52	0	....	0	0.08	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
14	32.0	-3.0	14.5	15.0	0	0	50	0	...4.....	0	0.08	0.8	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	39.0	26.0	32.5	33.0	0	0	32	0	...4.....	0	0.06	1.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	27.0	0.0	13.5	14.0	0	0	51	0	....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	23.0	-8.0	7.5*	8.0	0	0	57	0	...4.....	0	0.02	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	46.0	22.0	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	
19	45.0	38.0	41.5	42.0	0	0	23	0	....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
20	38.0	19.0	28.5	29.0	0	0	36	0	...4.....	0	0.02	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	51.0	35.0	43.0*	43.0	0	0	22	0	....	0	0.23	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	58.0*	22.0	40.0	40.0	0	0	25	0	..34.....	0	0.28	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	30.0	12.0	21.0	21.0	0	0	44	0	....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	30.0	10.0	20.0	20.0	0	0	45	0	...4.....	0	0.03	0.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	21.0	1.0	11.0	11.0	0	0	54	0	...4.....	0	T	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	46.0	21.0	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	
27	41.0	34.0	37.5	38.0	0	0	27	0	....	0	0.31	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
28	40.0	27.0	33.5	34.0	0	0	31	0	...4.....	0	0.01	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
Sum	994	440	------	------	---	----	1094	0	Number of Days		1.82	11.2	For the month:										---
Avg	35.5	15.7	25.6	25.9	0	0.0	----	----	Precip ≥.01 inch	15	3.87	77.9	1+	1+	------	----	----	---	Date 1+		Date 1+		Avg

Number of Days				Season to Date		Snow, Ice ≥1.0 inch	5	Greatest in 24 Hours and Dates				Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date	
Max Temperature		Min Temperature		5275	0	Thunder	1	Precipitation		Snow, Ice Plts			
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	2.5	5	0	-
0	10	25	6	----	----	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/m^2 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.