LOCAL CLIMATOLOGICAL DATA
Monthly Summary
February 1999

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

Date	Temperature					Hu-mid-ity	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
																Avg	Res	Res	Peak		Minute		
	Maximum	Minimum	Average	Mean	Dew Point	Mean	Heating Base 65°F	Cooling Base 65°F			Water Equivalent	Ice Pellets Snow	Maximum	Minimum	Mean	Speed	Speed	Dir	Speed	Dir	Speed	Dir	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	34.0	-4.0	15.0	15.0	0	0	50	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	42.0	10.0	26.0	26.0	0	0	39	0	.....6...	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	44.0	28.0	36.0	36.0	0	0	29	0	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	45.0	26.0	35.5	36.0	0	0	29	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	38.0	15.0	26.5	27.0	0	0	38	0	.....	0	0.01	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	30.0	12.0	21.0	21.0	0	0	44	0	.....	0	0.07	1.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	29.0	9.0	19.0	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	26.0	0.0	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	
9	40.0	7.0	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	
10	40.0	24.0	32.0	32.0	0	0	33	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
11	44.0	16.0	30.0	30.0	0	0	35	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	59.0*	32.0	45.5*	46.0	0	0	19	0	.....	0	0.41	3.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	36.0	17.0	26.5	27.0	0	0	38	0	.....	0	0.11	2.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
14	22.0	1.0	11.5	12.0	0	0	53	0	.....	0	T	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	33.0	-2.0	15.5	16.0	0	0	49	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	41.0	10.0	25.5	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	
17	43.0	28.0	35.5	36.0	0	0	29	0	.....	0	0.02	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	40.0	32.0	36.0	36.0	0	0	29	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	38.0	24.0	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	
20	32.0	14.0	23.0	23.0	0	0	42	0	.....	0	0.04	1.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	27.0	8.0	17.5	18.0	0	0	47	0	.....	0	0.01	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	10.0	-5.0	2.5*	3.0	0	0	62	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	17.0	-8.0*	4.5	5.0	0	0	60	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	32.0	-2.0	15.0	15.0	0	0	50	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	30.0	8.0	19.0	19.0	0	0	46	0	.....	0	0.06	0.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	38.0	19.0	28.5	29.0	0	0	36	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	41.0	16.0	28.5	29.0	0	0	36	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
28	45.0	15.0	30.0	30.0	0	0	35	0	.....	0	0.18	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
Sum	996	350	------	------	---	----	1140	0	Number of Days		0.96	9.8	For the month:										---
Avg	35.6	12.5	24.0	24.3	0	0.0	----	----	Precip ≥.01 inch	10	Season Ttl 5.57	53.7	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		5103	0	Thunder	0	Precipitation		Snow, Ice Plts		0	-
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	3.0	12		
0	10	28	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.