

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

March 1999

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		11	12	13	14	15	16	17	18	19	20	21	22	23	
1	42.0	33.0	37.5	38.0	0	0	27	0	.....	0	0.43	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
2	35.0	25.0	30.0	30.0	0	0	35	0	.....	0	0.11	3.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	45.0	16.0	30.5	31.0	0	0	34	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	53.0	21.0	37.0	37.0	0	0	28	0	.....	0	0.16	0.8	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	27.0	11.0	19.0	19.0	0	0	46	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	23.0	10.0	16.5	17.0	0	0	48	0	.....	0	0.33	6.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	17.0	5.0	11.0	11.0	0	0	54	0	.....	0	0.23	4.9	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
8	20.0	-5.0	7.5*	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	26.0	-3.0	11.5	12.0	0	0	53	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	30.0	-6.0*	12.0	12.0	0	0	53	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	25.0	10.0	17.5	18.0	0	0	47	0	.....	0	0.31	4.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
12	30.0	17.0	23.5	24.0	0	0	41	0	.....	0	0.17	2.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
13	34.0	21.0	27.5	28.0	0	0	37	0	.....	0	0.02	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	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
15	36.0	27.0	31.5	32.0	0	0	33	0	.....	0	0.17	1.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
16	44.0	19.0	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
17	52.0	32.0	42.0	42.0	0	0	23	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	52.0	34.0	43.0	43.0	0	0	22	0	.....	0	0.03	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
19	38.0	31.0	34.5	35.0	0	0	30	0	.....	0	0.17	1.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	39.0	20.0	29.5	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
21	48.0	15.0	31.5	32.0	0	0	33	0	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22																							
23	48.0	29.0	38.5	39.0	0	0	26	0	.....	0	0.63	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	51.0	26.0	38.5	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
25	37.0	24.0	30.5	31.0	0	0	34	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
26	41.0	28.0	34.5	35.0	0	0	30	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	51.0	22.0	36.5	37.0	0	0	28	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	56.0	25.0	40.5	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	55.0	36.0	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
30	51.0	37.0	44.0	44.0	0	0	21	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
31	59.0*	34.0	46.5*	47.0	0	0	18	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
Sum	Sum	-----	-----	---	----		Ttl	Ttl														---	
	1205	618					1028	0	Number of Days														
	Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip														
	40.2	20.6	30.4	30.7	0	0.0	----	----	≥.01 inch	13	8.36	78.9	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			6131	0	Thunder	0	Precipitation			Snow, Ice Plts									
	≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	6.2	6											
	0	8	25	3	----	----	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.