

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

March 1996

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	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	30.0	4.0	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	
2	36.0	7.0	21.5	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	
3	32.0	18.0	25.0	25.0	0	0	40	0	...4.....	0	0.07	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
4	30.0	11.0	20.5	21.0	0	0	44	0	...4.....	0	0.08	0.8	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
5	32.0	15.0	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	
6	18.0	9.0	13.5	14.0	0	0	51	0	...4.....	0	0.16	3.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
7	16.0	9.0	12.5	13.0	0	0	52	0	...4.....	0	0.32	5.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
8	21.0	0.0	10.5*	11.0	0	0	54	0	...4.....	0	T		0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
9	33.0	-7.0*	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	
10	35.0	0.0	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	
11	40.0	2.0	21.0	21.0	0	0	44	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	43.0	9.0	26.0	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	
13	49.0	15.0	32.0	32.0	0	0	33	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
14	54.0	29.0	41.5	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	
15	44.0	29.0	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	
16	33.0	19.0	26.0	26.0	0	0	39	0	...4.....	0	0.01	0.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
17	41.0	12.0	26.5	27.0	0	0	38	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	46.0	15.0	30.5	31.0	0	0	34	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	55.0	19.0	37.0	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	
20	46.0	35.0	40.5	41.0	0	0	24	0	...4.....	0	0.01		0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
21	42.0	33.0	37.5	38.0	0	0	27	0	...4.....	0	0.11	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
22	37.0	29.0	33.0	33.0	0	0	32	0	...4.....	0	0.07	0.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
23	34.0	23.0	28.5	29.0	0	0	36	0	...4.....	0	0.03	0.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
24	37.0	21.0	29.0	29.0	0	0	36	0	...4.....	0	0.01	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
25	60.0*	29.0	44.5*	45.0	0	0	20	0	.....	0	T		0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	55.0	25.0	40.0	40.0	0	0	25	0	...4.....	0	0.18	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
27	27.0	15.0	21.0	21.0	0	0	44	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
28	39.0	11.0	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	
29	48.0	18.0	33.0	33.0	0	0	32	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
30	39.0	21.0	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	
31	45.0	19.0	32.0	32.0	0	0	33	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
Sum	Sum	-----	-----	---	----		Ttl	Ttl															---	
	1197	494					1162	0	Number of Days															
	Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip															
	38.6	15.9	27.3	27.5	0	0.0	----	----	≥.01 inch	11	7.13	103.8	1+	1+	-----	----	----	---		1+	1+			
	Number of Days						Season to Date	Snow, Ice ≥1.0 inch	3	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
	Max Temperature			Min Temperature			6985	0	Thunder	0	Precipitation			Snow, Ice Plts										
	≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	5.5	7	0						-					
	0	8	29	3	----	----	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.