

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

January 2001

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	22.0	13.0	17.5	18.0	0	0	47	0	.....	0	0.04	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
2	21.0	12.0	16.5	17.0	0	0	48	0	.....	0	0.03	2.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	30.0	16.0	23.0	23.0	0	0	42	0	.....	0	0.02	0.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	30.0	14.0	22.0	22.0	0	0	43	0	.....	0	0.04	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	33.0	5.0	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
6	34.0	23.0	28.5	29.0	0	0	36	0	.....	0	0.01	0.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	33.0	23.0	28.0	28.0	0	0	37	0	.....	0	0.03	0.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
8	37.0	21.0	29.0	29.0	0	0	36	0	.....	0	0.02	0.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
9	25.0	10.0	17.5	18.0	0	0	47	0	.....	0	0.09	1.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	17.0	-3.0	7.0	7.0	0	0	58	0	.....	0	0.01	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	35.0	5.0	20.0	20.0	0	0	45	0	.....	0	0.06	0.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
12	20.0	1.0	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
13	29.0	-4.0	12.5	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
14	35.0	27.0	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
15	33.0	19.0	26.0	26.0	0	0	39	0	.....	0	0.03	1.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
16	37.0	26.0	31.5	32.0	0	0	33	0	.....	0	0.26	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	27.0	7.0	17.0	17.0	0	0	48	0	.....	0	0.08	2.8	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	29.0	-7.0	11.0	11.0	0	0	54	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
19	35.0	20.0	27.5	28.0	0	0	37	0	.....	0	0.11	2.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	21.0	-4.0	8.5	9.0	0	0	56	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
21	21.0	-9.0*	6.0*	6.0	0	0	59	0	.....	0	0.01	1.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22	27.0	8.0	17.5	18.0	0	0	47	0	.....	0	0.02	1.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	32.0	1.0	16.5	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	39.0*	28.0	33.5*	34.0	0	0	31	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	31.0	3.0	17.0	17.0	0	0	48	0	.....	0	0.06	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
26	30.0	-4.0	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
27	34.0	12.0	23.0	23.0	0	0	42	0	.....	0	0.09	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	25.0	10.0	17.5	18.0	0	0	47	0	.....	0	0.01	0.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
29	35.0	8.0	21.5	22.0	0	0	43	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	35.0	13.0	24.0	24.0	0	0	41	0	...4.6...	0	0.61	2.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
31	34.0	19.0	26.5	27.0	0	0	38	0	.....	0	0.35	3.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
Sum	Sum	-----	-----	---	----		Ttl	Ttl								For the month:						---	
926	313						1388	0	Number of Days		1.98	30.9	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			
29.9	10.1	20.0	20.2	0	0.0	----	----		≥.01 inch	21	1.98	89.4	1+	1+	-----	----	----	---	1+	1+			
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	14	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			4487	0	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.00	-	3.6	31	0					-				
0	17	31	6	----	----			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.