

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

December 2000

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	36.0	21.0	28.5	29.0	0	0	36	0	.....	0	0.09	1.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
2	26.0	18.0	22.0	22.0	0	0	43	0	.....	0	T	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	28.0	8.0	18.0	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
4	36.0	15.0	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
5	39.0	18.0	28.5	29.0	0	0	36	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	26.0	9.0	17.5	18.0	0	0	47	0	.....	0	0.03	0.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	28.0	5.0	16.5	17.0	0	0	48	0	.....	0	0.02	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
8	13.0	-5.0*	4.0*	4.0	0	0	61	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
9	15.0	-2.0	6.5	7.0	0	0	58	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	33.0	0.0	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
11	36.0	31.0	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
12	40.0	9.0	24.5	25.0	0	0	40	0	.....	0	0.39	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
13	19.0	2.0	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
14	27.0	17.0	22.0	22.0	0	0	43	0	.....	0	0.38	4.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
15	26.0	10.0	18.0	18.0	0	0	47	0	.....	0	0.00	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
16	40.0	10.0	25.0	25.0	0	0	40	0	.....	0	0.30	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	53.0*	33.0	43.0*	43.0	0	0	22	0	.....	0	1.42	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	34.0	17.0	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
19	26.0	15.0	20.5	21.0	0	0	44	0	.....	0	0.18	2.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	25.0	12.0	18.5	19.0	0	0	46	0	.....	0	0.30	4.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
21	23.0	-1.0	11.0	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
22	32.0	15.0	23.5	24.0	0	0	41	0	.....	0	0.05	1.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	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
24	21.0	-5.0	8.0	8.0	0	0	57	0	.....	0	0.01	0.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	21.0	2.0	11.5	12.0	0	0	53	0	.....	0	0.13	2.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
26	14.0	-4.0	5.0	5.0	0	0	60	0	.....	0	T	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27																							
28	22.0	6.0	14.0	14.0	0	0	51	0	.....	0	0.10	3.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
29	23.0	11.0	17.0	17.0	0	0	48	0	.....	0	0.02	1.8	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	25.0	4.0	14.5	15.0	0	0	50	0	.....	0	0.26	4.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
31	28.0	21.0	24.5	25.0	0	0	40	0	.....	0	0.75	11.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
Sum	Sum	-----	-----	---	----		Ttl	Ttl					For the month:										---
	835	293					1377	0	Number of Days		4.43	40.8	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			
	27.8	9.8	18.8	19.1	0	0.0	----	----	≥.01 inch	16	45.20	58.5	1+	1+	-----	----	----	---	1+	1+			
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	11	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			3099	197	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	11.3	31	0					-						
0	21	29	6	----	----	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.