

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

November 1998

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	47.0	40.0	43.5	44.0	0	0	21	0	.....	0	0.08	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	42.0	38.0	40.0	40.0	0	0	25	0	.....	0	0.25	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	40.0	35.0	37.5	38.0	0	0	27	0	.....	0	0.03	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	37.0	33.0	35.0	35.0	0	0	30	0	.....	0	0.08	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	40.0	35.0	37.5	38.0	0	0	27	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	40.0	33.0	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	
7	44.0	33.0	38.5	39.0	0	0	26	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	42.0	29.0	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	
9	40.0	31.0	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	
10	47.0	29.0	38.0	38.0	0	0	27	0	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
11	54.0	41.0	47.5	48.0	0	0	17	0	.....	0	0.49	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	47.0	34.0	40.5	41.0	0	0	24	0	.....	0	0.13	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	39.0	28.0	33.5	34.0	0	0	31	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
14	44.0	31.0	37.5	38.0	0	0	27	0	.....	0	0.12	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	45.0	31.0	38.0	38.0	0	0	27	0	.....	0	0.16	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	39.0	29.0	34.0	34.0	0	0	31	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	36.0	28.0	32.0	32.0	0	0	33	0	.....	0	0.17	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	36.0	17.0*	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	
19	45.0	31.0	38.0	38.0	0	0	27	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
20	49.0	39.0	44.0	44.0	0	0	21	0	.....	0	0.07	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	40.0	31.0	35.5	36.0	0	0	29	0	.....	0	0.09	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	42.0	26.0	34.0	34.0	0	0	31	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	57.0*	41.0	49.0*	49.0	0	0	16	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	54.0	36.0	45.0	45.0	0	0	20	0	.....	0	0.12	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	39.0	30.0	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	
26																								
27	41.0	36.0	38.5	39.0	0	0	26	0	.....	0	0.29	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
28	41.0	37.0	39.0	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	
29	44.0	30.0	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	
30	56.0	39.0	47.5	48.0	0	0	17	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
Sum	Sum	-----	-----	---	----		Ttl	Ttl															---	
	1267	951					768	0	Number of Days															
	Avg	Avg	Avg	Mean	Avg	Avg	----	----	Precip															
	43.7	32.8	38.2	38.5	0	0.0	----	----	≥.01 inch	14	54.72	2.0	1+	1+	-----	----	----	---		1+	1+			
	Number of Days						Season to Date	Snow, Ice ≥1.0 inch	1	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
	Max Temperature			Min Temperature			1516	318	Thunder	0	Precipitation			Snow, Ice Plts										
	≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	2.0	17	0						-					
	0	0	14	0	----	----	Clear	29	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.