

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

November 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	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	60.0	32.0	46.0	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
2	67.0*	45.0	56.0*	56.0	0	0	9	0	.....	0	0.39	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	65.0	39.0	52.0	52.0	0	0	13	0	.....	0	0.12	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	47.0	38.0	42.5	43.0	0	0	22	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	56.0	30.0	43.0	43.0	0	0	22	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	55.0	33.0	44.0	44.0	0	0	21	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	38.0	32.0	35.0	35.0	0	0	30	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
8	36.0	23.0	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
9	56.0	30.0	43.0	43.0	0	0	22	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	60.0	32.0	46.0	46.0	0	0	19	0	.....	0	0.03	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	33.0	16.0	24.5	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
12																							
13																							
14	49.0	16.0	32.5	33.0	0	0	32	0	.....	0	0.25	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
15	39.0	29.0	34.0	34.0	0	0	31	0	.....	0	0.11	1.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
16	31.0	27.0	29.0	29.0	0	0	36	0	.....	0	0.72	7.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	35.0	20.0	27.5	28.0	0	0	37	0	.....	0	0.05	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	37.0	20.0	28.5	29.0	0	0	36	0	.....	0	0.03	0.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
19	53.0	32.0	42.5	43.0	0	0	22	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	56.0	44.0	50.0	50.0	0	0	15	0	..3.....	0	0.30	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	51.0	38.0	44.5	45.0	0	0	20	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22	63.0	37.0	50.0	50.0	0	0	15	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	58.0	42.0	50.0	50.0	0	0	15	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	62.0	40.0	51.0	51.0	0	0	14	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	47.0	31.0	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
26	59.0	32.0	45.5	46.0	0	0	19	0	.....	0	0.44	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	58.0	42.0	50.0	50.0	0	0	15	0	.....	0	0.81	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	42.0	35.0	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
29	37.0	30.0	33.5	34.0	0	0	31	0	.....	0	0.08	0.8	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	31.0	14.0*	22.5*	23.0	0	0	42	0	.....	0	0.01	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
Sum	Sum	-----	-----	---	----		Ttl	Ttl															---
1381	879						684	0	Number of Days														
Avg	Avg	Avg	Mean	Avg	Avg	----	----		Precip														
49.3	31.4	40.4	40.6	0	0.0	----	----		≥.01 inch	14	39.27	10.3	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			1533	452	Thunder	1	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.00	-	7.0	16	0					-				
0	2	17	0	----	----			Clear	28	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.