

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

November 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	42.0	32.0	37.0	37.0	0	0	28	0	...	0	0.01	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
2	43.0	29.0	36.0	36.0	0	0	29	0	.....	0	0.20	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	37.0	24.0	30.5	31.0	0	0	34	0	...4.....	0	0.04	0.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
4	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	
5	45.0	39.0	42.0	42.0	0	0	23	0	.....	0	0.10	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	53.0	37.0	45.0	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	
7	64.0	46.0	55.0	55.0	0	0	10	0	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	72.0*	54.0	63.0*	63.0	0	0	2	0	.....	0	0.56	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	61.0	36.0	48.5	49.0	0	0	16	0	.....	0	1.44	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	46.0	30.0	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	41.0	32.0	36.5	37.0	0	0	28	0	...4.....	0	0.02	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
12	36.0	26.0	31.0	31.0	0	0	34	0	.....	0	0.14	4.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	30.0	17.0	23.5	24.0	0	0	41	0	...4.....	0	0.04	1.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
14	30.0	9.0	19.5	20.0	0	0	45	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	24.0	8.0	16.0*	16.0	0	0	49	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	34.0	5.0*	19.5	20.0	0	0	45	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	45.0	16.0	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	
18	40.0	24.0	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	
19	37.0	33.0	35.0	35.0	0	0	30	0	...4.....	0	0.71	2.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
20	37.0	30.0	33.5	34.0	0	0	31	0	...4.....	0	0.10	1.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
21	34.0	28.0	31.0	31.0	0	0	34	0	...4.....	0	0.05	0.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
22	32.0	29.0	30.5	31.0	0	0	34	0	...4.6...	0	0.05	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
23	35.0	18.0	26.5	27.0	0	0	38	0	...4.....	0	0.05	0.9	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
24	28.0	6.0	17.0	17.0	0	0	48	0	...4.....	0	0.01	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
25	30.0	19.0	24.5	25.0	0	0	40	0	...4.....	0	0.05	0.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
26	31.0	24.0	27.5	28.0	0	0	37	0	...4.....	0	0.46	4.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
27	24.0	14.0	19.0	19.0	0	0	46	0	...4.....	0	0.02	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
28	27.0	6.0	16.5	17.0	0	0	48	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
29	33.0	16.0	24.5	25.0	0	0	40	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
30	39.0	28.0	33.5	34.0	0	0	31	0	...4.....	0	0.01	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0		
Sum	Sum	-----	-----	---	----	Ttl	Ttl	Number of Days		For the month:													---	
1174	745					983	0			4.15	19.8	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				
39.1	24.8	32.0	32.2	0	0.0	----	----	≥.01 inch		22	44.00	19.8	1+	1+	-----	----	----	---	1+	1+				
Number of Days						Season to Date		Snow, Ice ≥1.0 inch		7	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date							
Max Temperature			Min Temperature			1722	274	Thunder		0	Precipitation			Snow, Ice Plts										
≥ 90°F		≤ 32°F		≤ 32°F		≤ 0°F		----	----	Heavy Fog		0	0.00	-	4.3	26	0						-	
0		9		24		0		----	----	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.