

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

November 1997

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 Mean Index	
	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	61.0	50.0	55.5	56.0	0	0	9	0	.....	0	0.12	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
2	65.0*	49.0	57.0*	57.0	0	0	8	0	.....	0	0.60	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	55.0	41.0	48.0	48.0	0	0	17	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	59.0	36.0	47.5	48.0	0	0	17	0	..3.....	0	0.55	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	50.0	34.0	42.0	42.0	0	0	23	0	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	51.0	32.0	41.5	42.0	0	0	23	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7																							
8																							
9	50.0	27.0	38.5	39.0	0	0	26	0	.....	0	0.59	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	41.0	36.0	38.5	39.0	0	0	26	0	.....	0	0.49	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	37.0	30.0	33.5	34.0	0	0	31	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
12	38.0	24.0	31.0	31.0	0	0	34	0	...4.....	0	0.05	0.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	32.0	17.0	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
14	26.0	17.0	21.5	22.0	0	0	43	0	...4.....	0	0.50	5.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	34.0	25.0	29.5	30.0	0	0	35	0	...4.....	0	0.11	1.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	31.0	22.0	26.5	27.0	0	0	38	0	...4.....	0	0.12	1.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	38.0	15.0	26.5	27.0	0	0	38	0	...4.....	0	0.01	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	37.0	24.0	30.5	31.0	0	0	34	0	.....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
19	39.0	16.0	27.5	28.0	0	0	37	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	39.0	26.0	32.5	33.0	0	0	32	0	...4.....	0	0.01	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	40.0	28.0	34.0	34.0	0	0	31	0	.....	0	0.12	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22	35.0	28.0	31.5	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
23	38.0	28.0	33.0	33.0	0	0	32	0	.....	0	0.13	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	35.0	19.0	27.0	27.0	0	0	38	0	...4.....	0	0.06	1.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	33.0	10.0	21.5	22.0	0	0	43	0	...4.....	0	T	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	41.0	33.0	37.0	37.0	0	0	28	0	.....	0	0.35	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	37.0	10.0	23.5	24.0	0	0	41	0	.....	0	0.30	3.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	33.0	9.0*	21.0*	21.0	0	0	44	0	...4.....	0	0.12	1.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
29	37.0	19.0	28.0	28.0	0	0	37	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	39.0	15.0	27.0	27.0	0	0	38	0	...4.....	0	0.14	0.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
Sum	Sum	-----	-----	---	----	Ttl	Ttl								For the month:						---		
1151	720					876	0	Number of Days		4.41	17.3	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				
41.1	25.7	33.4	33.7	0	0.0	----	----	≥.01 inch	20	36.85	22.0	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			1851	206	Thunder	1	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	5.2	14	0					-						
0	3	21	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.