

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

December 1995

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
1	2	3	4A	4B	5	6	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	35.0	24.0	29.5	30.0	0	0	35	0	...	0	0.30	3.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	35.0	9.0	22.0	22.0	0	0	43	0	...	0	0.14	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	36.0	6.0	21.0	21.0	0	0	44	0	...	0	0.12	1.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
4	38.0*	25.0	31.5*	32.0	0	0	33	0	...	0	0.09	1.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	32.0	11.0	21.5	22.0	0	0	43	0	...	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	36.0	25.0	30.5	31.0	0	0	34	0	...	0	0.12	1.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	30.0	20.0	25.0	25.0	0	0	40	0	...	0	T	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	21.0	-3.0	9.0	9.0	0	0	56	0	...	0	0.01	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	30.0	0.0	15.0	15.0	0	0	50	0	...	0	0.28	4.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	27.0	6.0	16.5	17.0	0	0	48	0	...	0	0.03	0.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
11	16.0	4.0	10.0	10.0	0	0	55	0	...	0	0.02	0.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	18.0	2.0	10.0	10.0	0	0	55	0	...	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	17.0	-4.0	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	
14	25.0	-8.0*	8.5	9.0	0	0	56	0	...	0	0.43	5.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	29.0	22.0	25.5	26.0	0	0	39	0	...	0	0.17	1.7	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	33.0	20.0	26.5	27.0	0	0	38	0	...	0	0.07	1.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	30.0	20.0	25.0	25.0	0	0	40	0	...	0	0.08	1.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	24.0	0.0	12.0	12.0	0	0	53	0	...	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	13.0	-8.0	2.5*	3.0	0	0	62	0	...	0	0.11	1.6	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
20	18.0	7.0	12.5	13.0	0	0	52	0	...	0	0.27	5.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	21.0	11.0	16.0	16.0	0	0	49	0	...	0	0.40	7.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
22	29.0	19.0	24.0	24.0	0	0	41	0	...	0	0.18	0.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	30.0	23.0	26.5	27.0	0	0	38	0	...	0	0.02	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
24	27.0	16.0	21.5	22.0	0	0	43	0	...	0	0.04	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	28.0	19.0	23.5	24.0	0	0	41	0	...	0	0.15	1.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	26.0	15.0	20.5	21.0	0	0	44	0	...	0	0.12	3.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	24.0	15.0	19.5	20.0	0	0	45	0	...	0	0.11	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
28	29.0	20.0	24.5	25.0	0	0	40	0	...	0	0.01	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
29	25.0	6.0	15.5	16.0	0	0	49	0	...	0	0.06	0.9	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
30	30.0	21.0	25.5	26.0	0	0	39	0	...	0	0.02	0.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
31	35.0	27.0	31.0	31.0	0	0	34	0	...	0	0.04	0.3	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:												---	
847	370					1397	0			3.39	46.0	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			
27.3	11.9	19.6	19.9	0	0.0	----	----	≥.01 inch	26	32.72	60.0	1+	1+	-----	----	----	---	1+	1+				
Number of Days						Season to Date		Snow, Ice ≥1.0 inch	15	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			3001	368	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	7.5	21	0					-						
0	24	31	6	----	----	Clear	31	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.