

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

October 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	Speed	Dir
1	2	3	4A	4B	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1																							
2	72.0	40.0	56.0	56.0	0	0	9	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	60.0	49.0	54.5	55.0	0	0	10	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	56.0	49.0	52.5	53.0	0	0	12	0	.....	0	0.59	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	60.0	51.0	55.5	56.0	0	0	9	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	55.0	51.0	53.0	53.0	0	0	12	0	.....	0	1.09	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	60.0	48.0	54.0	54.0	0	0	11	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
8	62.0	52.0	57.0	57.0	0	0	8	0	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
9	57.0	50.0	53.5	54.0	0	0	11	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	61.0	48.0	54.5	55.0	0	0	10	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	66.0	43.0	54.5	55.0	0	0	10	0	...3.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	71.0	44.0	57.5	58.0	0	0	7	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
13	75.0*	43.0	59.0	59.0	0	0	6	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	65.0	45.0	55.0	55.0	0	0	10	0	.....	0	0.70	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
15	62.0	46.0	54.0	54.0	0	0	11	0	.....	0	1.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
16	48.0	41.0	44.5	45.0	0	0	20	0	...4.....	0	0.02	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
17	48.0	34.0	41.0	41.0	0	0	24	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	63.0	33.0	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
19	57.0	37.0	47.0	47.0	0	0	18	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	66.0	42.0	54.0	54.0	0	0	11	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
21	73.0	53.0	63.0*	63.0	0	0	2	0	.....	0	1.42	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22	54.0	40.0	47.0	47.0	0	0	18	0	.....	0	0.13	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	62.0	40.0	51.0	51.0	0	0	14	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	69.0	39.0	54.0	54.0	0	0	11	0	.....	0	0.18	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	53.0	46.0	49.5	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
26	55.0	39.0	47.0	47.0	0	0	18	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	57.0	37.0	47.0	47.0	0	0	18	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	59.0	47.0	53.0	53.0	0	0	12	0	...3.....	0	1.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
29	48.0	37.0	42.5	43.0	0	0	22	0	...4.....	0	0.20	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
30	40.0	31.0*	35.5*	36.0	0	0	29	0	...4.....	0	0.01	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
31	42.0	33.0	37.5	38.0	0	0	27	0	...4.....	0	0.01	T	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:													---
1776	1288					412	0			6.48	0.1	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				
59.2	42.9	51.1	51.3	0	0.0	----	----	≥.01 inch	16	25.09	0.1	2+	2+	-----	----	----	---	2+	2+				
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	0	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			664	368	Thunder	2	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	0.1	30	0						-					
0	0	1	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.