

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

October 2000

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	70.0	41.0	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
2	70.0	41.0	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
3	73.0*	51.0	62.0	62.0	0	0	3	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	55.0	45.0	50.0	50.0	0	0	15	0	.....	0	0.19	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	55.0	40.0	47.5	48.0	0	0	17	0	.....	0	0.20	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	55.0	46.0	50.5	51.0	0	0	14	0	.....	0	0.24	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	52.0	41.0	46.5	47.0	0	0	18	0	.....	0	0.16	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
8	44.0	36.0	40.0	40.0	0	0	25	0	.....	0	0.36	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
9	43.0	34.0	38.5	39.0	0	0	26	0	.....	0	0.09	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	42.0	34.0	38.0	38.0	0	0	27	0	.....	0	0.37	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	56.0	34.0	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
12	61.0	30.0	45.5	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
13	65.0	40.0	52.5	53.0	0	0	12	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	72.0	53.0	62.5*	63.0	0	0	2	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
15	67.0	38.0	52.5	53.0	0	0	12	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
16	45.0	36.0	40.5	41.0	0	0	24	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	61.0	43.0	52.0	52.0	0	0	13	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	54.0	47.0	50.5	51.0	0	0	14	0	.....	0	0.41	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
19	55.0	40.0	47.5	48.0	0	0	17	0	.....	0	0.04	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	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
21																							
22	67.0	29.0	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
23	53.0	24.0*	38.5	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
24	61.0	34.0	47.5	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
25	62.0	41.0	51.5	52.0	0	0	13	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
26	66.0	39.0	52.5	53.0	0	0	12	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	69.0	46.0	57.5	58.0	0	0	7	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	58.0	32.0	45.0	45.0	0	0	20	0	.....	0	0.06	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
29	34.0	28.0	31.0*	31.0	0	0	34	0	.....	0	0.32	4.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	40.0	32.0	36.0	36.0	0	0	29	0	.....	0	0.02	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
31	41.0	31.0	36.0	36.0	0	0	29	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
Sum	Sum	-----	-----	---	----	Ttl	Ttl						For the month:						---				
1706	1138					519	0	Number of Days			2.48	4.3	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			
56.9	37.9	47.4	47.7	0	0.0	----	----	≥.01 inch	13		37.61	4.3	1+	1+	-----	----	----	---	1+	1+			
Number of Days						Season to Date	Snow, Ice ≥1.0 inch	1	Greatest in 24 Hours and Dates						Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			857	197	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	4.1	29												
0	0	8	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.