

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

October 2001

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		11	12	13	14	15	16	17	18	19	20	21	22	23	
1	64.0	36.0	50.0	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
2	69.0	47.0	58.0	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
3	71.0	48.0	59.5	60.0	0	0	5	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4																							
5	74.0	50.0	62.0	62.0	0	0	3	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	60.0	42.0	51.0	51.0	0	0	14	0	.....	0	0.21	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	51.0	36.0	43.5	44.0	0	0	21	0	...4....	0	0.04	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	49.0	33.0	41.0	41.0	0	0	24	0	.....	0	0.14	0.9	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
9	53.0	31.0	42.0	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
10	65.0	48.0	56.5	57.0	0	0	8	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	70.0	51.0	60.5	61.0	0	0	4	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
12	66.0	54.0	60.0	60.0	0	0	5	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
13	77.0*	55.0	66.0*	66.0	0	0	0	1	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	65.0	53.0	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
15	62.0	47.0	54.5	55.0	0	0	10	0	.....	0	0.50	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
16	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
17	54.0	36.0	45.0	45.0	0	0	20	0	...4....	0	0.14	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18																							
19																							
20																							
21	62.0	31.0	46.5	47.0	0	0	18	0	.....	0	0.51	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22	52.0	36.0	44.0	44.0	0	0	21	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	60.0	34.0	47.0	47.0	0	0	18	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	67.0	54.0	60.5	61.0	0	0	4	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	67.0	40.0	53.5	54.0	0	0	11	0	.....	0	0.35	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
26	49.0	38.0	43.5	44.0	0	0	21	0	...4....	0	0.09	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	45.0	36.0	40.5	41.0	0	0	24	0	.....	0	0.15	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	43.0	29.0	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
29	47.0	28.0	37.5	38.0	0	0	27	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
30	45.0	29.0	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
31	45.0	24.0*	34.5*	35.0	0	0	30	0	.....	0	0.24	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
Sum	Sum	-----	-----	---	----		Ttl	Ttl															---
	1594	1087					409	1	Number of Days		2.39	0.9	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				
	59.0	40.3	49.6	49.9	0	0.0	----	----	≥.01 inch	12	28.72	0.9	1+	1+	-----	----	----	---	1+	1+			
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			631	346	Thunder	0	Precipitation		Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	0.9	8	0		-									
0	0	6	0	----	----	Clear	27	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.