

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

May 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 hv 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	68.0	47.0	57.5	58.0	0	0	7	0	..3.5....	0	0.34	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	55.0	35.0	45.0	45.0	0	0	20	0	.....	0	0.11	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	48.0	30.0	39.0*	39.0	0	0	26	0	.....	0	0.13	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	51.0	37.0	44.0	44.0	0	0	21	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	62.0	27.0*	44.5	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
6	66.0	39.0	52.5	53.0	0	0	12	0	..3.....	0	0.89	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	46.0	34.0	40.0	40.0	0	0	25	0	.....	0	0.23	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
8	56.0	30.0	43.0	43.0	0	0	22	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
9	50.0	31.0	40.5	41.0	0	0	24	0	.....	0	0.03	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	49.0	40.0	44.5	45.0	0	0	20	0	.....	0	0.62	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	60.0	39.0	49.5	50.0	0	0	15	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
12	57.0	45.0	51.0	51.0	0	0	14	0	.....	0	0.22	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
13	67.0	45.0	56.0	56.0	0	0	9	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	65.0	36.0	50.5	51.0	0	0	14	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
15	66.0	42.0	54.0	54.0	0	0	11	0	..3.....	0	0.06	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	55.0	39.0	47.0	47.0	0	0	18	0	.....	0	0.07	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17																							
18	62.0	39.0	50.5	51.0	0	0	14	0	.....	0	0.06	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
19	54.0	44.0	49.0	49.0	0	0	16	0	.....	0	0.10	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	60.0	50.0	55.0	55.0	0	0	10	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
21	55.0	44.0	49.5	50.0	0	0	15	0	.....	0	0.06	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22	49.0	40.0	44.5	45.0	0	0	20	0	.....	0	0.29	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	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
24	68.0	48.0	58.0	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
25	65.0	50.0	57.5	58.0	0	0	7	0	.....	0	0.06	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
26	56.0	43.0	49.5	50.0	0	0	15	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	66.0	32.0	49.0	49.0	0	0	16	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	74.0	35.0	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
29	78.0*	40.0	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
30	67.0	57.0	62.0	62.0	0	0	3	0	.....	0	0.06	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
31	75.0	54.0	64.5*	65.0	0	0	0	0	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
Sum	Sum	-----	-----	---	----		Ttl	Ttl															---
	1812	1213					430	0	Number of Days		3.42	T	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				
	60.4	40.4	50.4	50.7	0	0.0	----	----	≥.01 inch	21	12.66	111.9	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			7509	0	Thunder	3	Precipitation		Snow, Ice Plts											
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----	Heavy Fog	0	0.00	-	T	7	0					-						
0	0	5	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.