

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

April 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	Res	Res	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	57.0	32.0	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
2	51.0	38.0	44.5	45.0	0	0	20	0	.....	0	0.27	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
3	46.0	36.0	41.0	41.0	0	0	24	0	.....	0	0.48	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	55.0	44.0	49.5	50.0	0	0	15	0	.....	0	0.71	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	44.0	31.0	37.5	38.0	0	0	27	0	.....	0	0.09	0.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	42.0	30.0	36.0	36.0	0	0	29	0	.....	0	0.13	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
7	49.0	35.0	42.0	42.0	0	0	23	0	.....	0	0.10	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
8	64.0	37.0	50.5	51.0	0	0	14	0	.....	0	0.36	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
9	37.0	26.0	31.5	32.0	0	0	33	0	.....	0	1.34	13.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
10	45.0	28.0	36.5	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
11	44.0	31.0	37.5	38.0	0	0	27	0	.....	0	0.21	3.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
12	39.0	27.0	33.0	33.0	0	0	32	0	.....	0	0.13	2.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
13	45.0	15.0*	30.0*	30.0	0	0	35	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
14	55.0	19.0	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
15	72.0*	44.0	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
16	48.0	34.0	41.0	41.0	0	0	24	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	48.0	29.0	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
18	57.0	31.0	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
19	56.0	38.0	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	61.0	43.0	52.0	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
21	50.0	38.0	44.0	44.0	0	0	21	0	.....	0	0.57	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22	42.0	37.0	39.5	40.0	0	0	25	0	.....	0	0.20	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	42.0	37.0	39.5	40.0	0	0	25	0	.....	0	0.85	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	47.0	36.0	41.5	42.0	0	0	23	0	.....	0	0.58	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
25	53.0	29.0	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
26	50.0	29.0	39.5	40.0	0	0	25	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27																							
28																							
29																							
30	71.0	32.0	51.5	52.0	0	0	13	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
Sum	Sum	-----	-----	---	----		Ttl	Ttl								For the month:						---	
1370	886						620	0	Number of Days		6.05	18.9	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			
50.7	32.8	41.8	42.0	0	0.0	----	----		≥.01 inch	16	15.14	92.3	1+	1+	-----	----	----	---	1+	1+			
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	3	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			6760	0	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.00	-	13.4	9	0			-						
0	0	14	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.