

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

February 1996

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	13.0	-10.0	1.5	2.0	0	0	63	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
2	21.0	0.0	10.5	11.0	0	0	54	0	...4....	0	0.01	0.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
3	9.0	-8.0	0.5	1.0	0	0	64	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
4	9.0	-13.0*	-2.0*	-2.0	0	0	67	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
5	15.0	-9.0	3.0	3.0	0	0	62	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
6	19.0	0.0	9.5	10.0	0	0	55	0	...4....	0	0.02	0.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	35.0	-1.0	17.0	17.0	0	0	48	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
8	42.0	30.0	36.0	36.0	0	0	29	0	...4....	0	0.10	0.4	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
9	36.0	29.0	32.5	33.0	0	0	32	0	...4....	0	0.57	3.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	29.0	15.0	22.0	22.0	0	0	43	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
11	37.0	14.0	25.5	26.0	0	0	39	0	...4....	0	0.14	0.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
12	29.0	-5.0	12.0	12.0	0	0	53	0	...4....	0	0.06	1.8	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
13	8.0	-7.0	0.5	1.0	0	0	64	0	...4....	0	T	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
14	25.0	-4.0	10.5	11.0	0	0	54	0	...4....	0	0.03	0.3	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	21.0	2.0	11.5	12.0	0	0	53	0	...4....	0	0.01	0.2	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	26.0	-6.0	10.0	10.0	0	0	55	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
17	22.0	11.0	16.5	17.0	0	0	48	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
18	19.0	-8.0	5.5	6.0	0	0	59	0	...4....	0	0.02	1.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	30.0	-11.0	9.5	10.0	0	0	55	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
20	47.0	29.0	38.0	38.0	0	0	27	0	.....	0	T	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
21	52.0*	39.0	45.5*	46.0	0	0	19	0	.....	0	0.07	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
22	41.0	35.0	38.0	38.0	0	0	27	0	.....	0	0.10	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
23	47.0	32.0	39.5	40.0	0	0	25	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
24	45.0	31.0	38.0	38.0	0	0	27	0	...4....	0	0.39	T	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
25	37.0	32.0	34.5	35.0	0	0	30	0	...4....	0	0.31	3.1	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	36.0	25.0	30.5	31.0	0	0	34	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
27	40.0	16.0	28.0	28.0	0	0	37	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0
28	39.0	28.0	33.5	34.0	0	0	31	0	...4....	0	0.38	4.5	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
29	29.0	3.0	16.0	16.0	0	0	49	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:						---	
858	289						1303	0	Number of Days		2.22	15.3	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			
29.6	10.0	19.8	20.1	0	0.0	----	----		≥.01 inch	15	6.08	90.8	1+	1+	-----	----	----	---	1+	1+			
Number of Days							Season to Date	Snow, Ice ≥1.0 inch	5	Greatest in 24 Hours and Dates					Greatest Depth on Ground of Snow, Ice Pellets or Ice and Date								
Max Temperature			Min Temperature			5823	0	Thunder	0	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.00	-	4.5	28	0			-						
0	16	27	13	----	----			Clear	29	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.