

# LOCAL CLIMATOLOGICAL DATA

## Monthly Summary

### September 1995

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
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	82.0	56.0	69.0*	69.0	0	0	0	4	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
2	79.0	44.0	61.5	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	
3	85.0	40.0	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	
4	87.0*	48.0	67.5	68.0	0	0	0	3	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
5	87.0	50.0	68.5	69.0	0	0	0	4	..3.....	0	0.14	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
6	83.0	44.0	63.5	64.0	0	0	1	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
7	75.0	47.0	61.0	61.0	0	0	4	0	.....	0	0.63	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
8	61.0	37.0	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	
9	62.0	45.0	53.5	54.0	0	0	11	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
10	59.0	41.0	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	
11	65.0	33.0	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	
12	73.0	41.0	57.0	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	
13	71.0	60.0	65.5	66.0	0	0	0	1	.....	0	0.21	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
14	67.0	52.0	59.5	60.0	0	0	5	0	.....	0	0.50	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
15	60.0	41.0	50.5	51.0	0	0	14	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
16	66.0	34.0	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	
17	69.0	57.0	63.0	63.0	0	0	2	0	.....	0	0.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
18	60.0	41.0	50.5	51.0	0	0	14	0	.....	0	0.19	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
19	64.0	32.0*	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	
20	67.0	40.0	53.5	54.0	0	0	11	0	.....	0	0.00	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
21	69.0	50.0	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	
22	75.0	54.0	64.5	65.0	0	0	0	0	.....	0	1.01	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
23	54.0	40.0	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	
24	59.0	32.0	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	
25	61.0	36.0	48.5	49.0	0	0	16	0	.....	0	0.02	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
26	62.0	49.0	55.5	56.0	0	0	9	0	..3.5....	0	0.37	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
27	64.0	46.0	55.0	55.0	0	0	10	0	.....	0	0.05	0.0	0.00	0.00	0.000	0.0	0.0	0	0	N	0	0	
28	58.0	37.0	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	
29																							
30																							
Sum	Sum	-----	-----	---	----		Ttl	Ttl					For the month:										---
1924	1227						248	12	Number of Days		3.15	0.0	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			
68.7	43.8	56.3	56.6	0	0.0	----	----		≥.01 inch	11	18.61	0.0	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			252	368	Thunder	2	Precipitation			Snow, Ice Plts										
≥ 90°F	≤ 32°F	≤ 32°F	≤ 0°F	----	----			Heavy Fog	0	0.00	-	0.0	-	0			-						
0	0	2	0	----	----			Clear	28	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/m<sup>2</sup> 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.