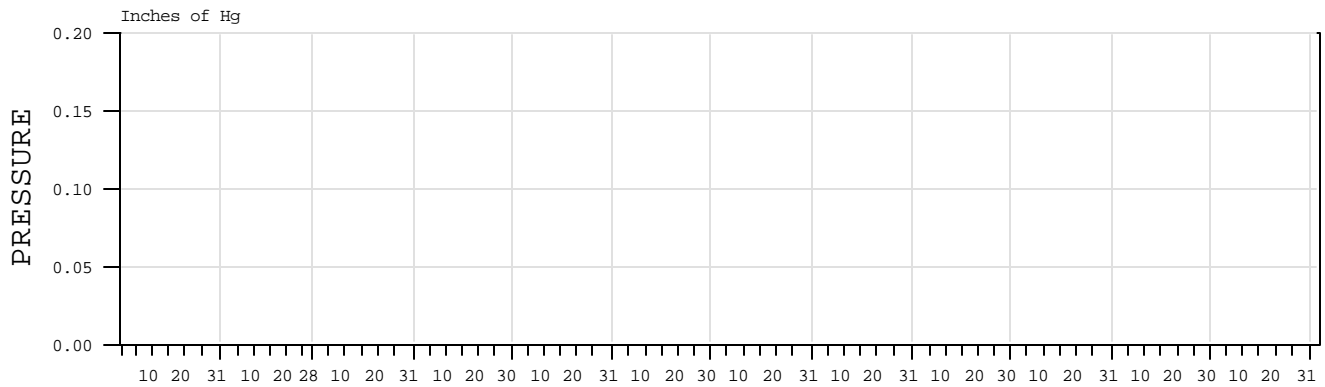
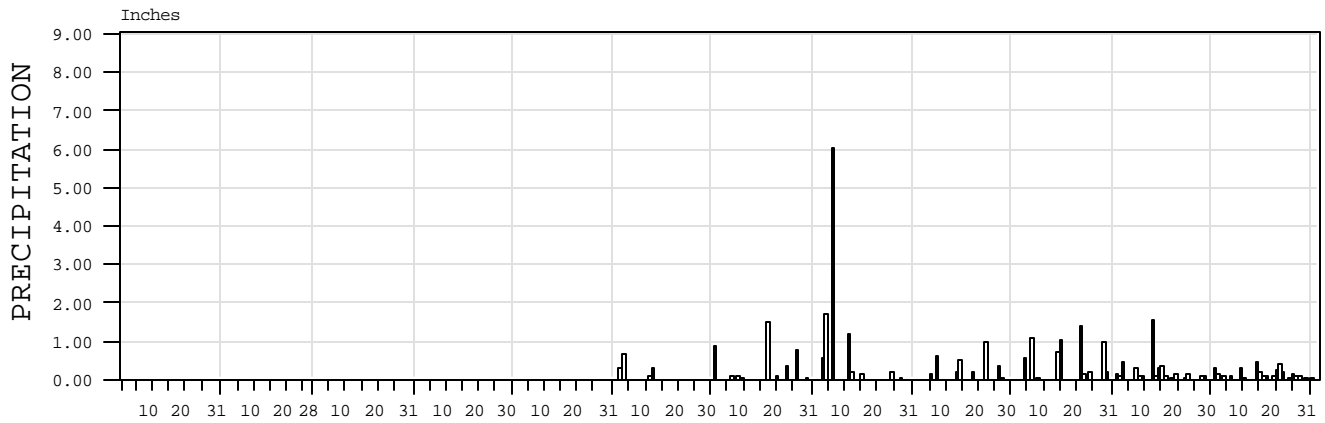
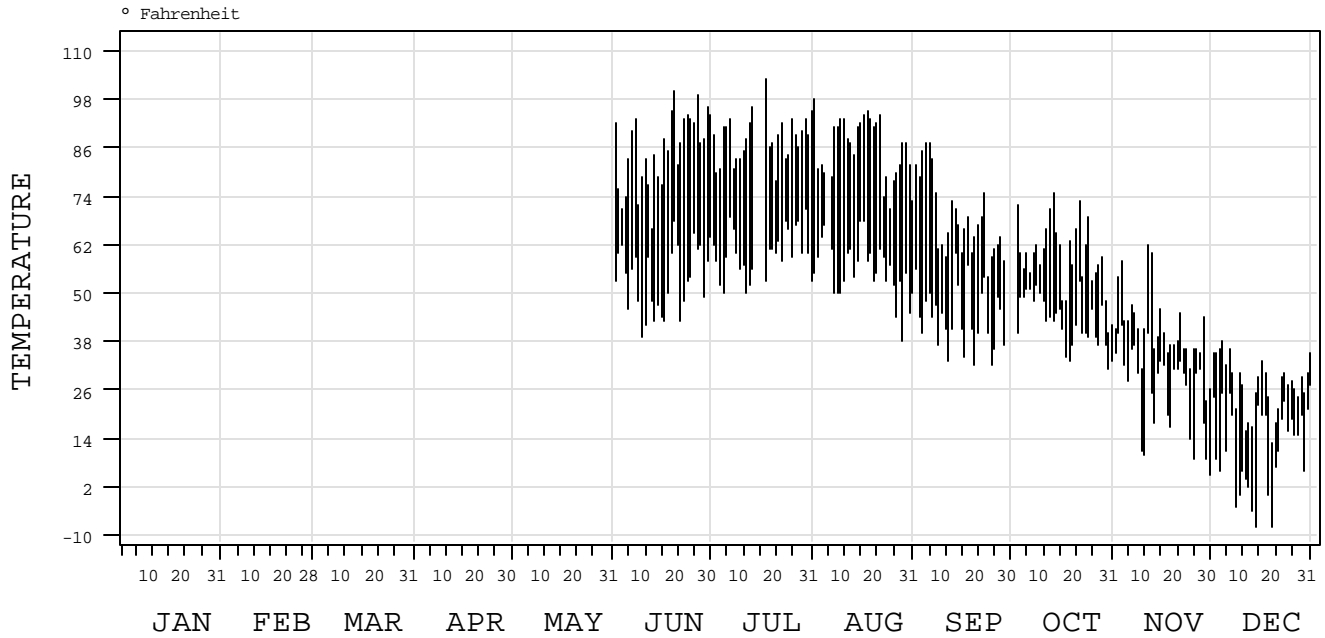


# 1995

## LOCAL CLIMATOLOGICAL DATA

Annual Summary with Comparative Data  
**Westford**  
Daily Data



# METEOROLOGICAL DATA FOR 1995

## Westford

Latitude: 44° 37' 39" N Longitude: 73° 02' 29" W Elevation (Ground): 850 feet Time Zone: Eastern

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
<b>TEMPERATURE</b>													
Average													
-Daily Maximum						85.6	88.2	86.1	68.7	59.2	40.7	27.3	65.1
-Daily Minimum						53.4	59.8	55.7	43.8	42.9	26.1	11.9	42.0
-Monthly						69.5	74.0	70.9	56.3	51.1	33.4	19.6	53.5
-Monthly Dew Point						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Extremes</b>													
-Highest						100.0	103.0	98.0	87.0	75.0	62.0	38.0	103.0
-Date						19	17	1	4	13	11	4	JUL 17
-Lowest						39.0	50.0	38.0	32.0	31.0	5.0	-8.0	-8.0
-Date						9	4	28	19	30	30	14	DEC 14
<b>DEGREE DAYS BASE 65°F</b>													
Heating						33	0	13	262	424	954	1416	3102
Cooling						160	248	182	9	0	0	0	599
<b>SUNSHINE INDEX</b>													
						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>NUMBER OF DAYS</b>													
<b>Sunrise to Sunset</b>													
-Clear						30	28	30	28	30	30	31	207
-Partly Cloudy						0	0	0	0	0	0	0	0
-Cloudy						0	0	0	0	0	0	0	0
<b>Precipitation</b>													
.01 inches or more						4	14	10	11	16	20	26	101
<b>Snow, Ice pellets</b>													
1.0 inches or more						0	0	0	0	0	12	24	36
<b>Thunderstorms</b>													
						1	4	4	2	2	0	0	13
<b>Heavy Fog, visibility</b>													
¼ mile or less						0	0	0	0	0	0	0	0
<b>TEMPERATURE:</b>													
-Maximum													
90°F and above						12	11	13	0	0	0	0	36
32°F and below						0	0	0	0	0	4	24	28
-Minimum													
32°F and below						0	0	0	2	1	22	31	56
0°F and below						0	0	0	0	0	0	6	6
<b>PRESSURE</b>													
<b>Average</b>													
-Monthly						0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Extremes</b>													
-Highest						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-Date						1	1	1	1	2	1	1	JUN 1
-Lowest						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-Date						1	1	1	1	2	1	1	JUN 1
<b>RELATIVE HUMIDITY (%)</b>													
<b>Average</b>													
-Monthly						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>-Local Time</b>													
Hour 01						0	0	0	0	0	0	0	0
Hour 07						0	0	0	0	0	0	0	0
Hour 13						0	0	0	0	0	0	0	0
Hour 19						0	0	0	0	0	0	0	0
<b>PRECIPITATION</b>													
<b>Water Equivalent</b>													
-Total						1.36	3.92	10.18	3.15	6.48	4.24	3.39	32.72
-Greatest (24 hrs)						0.67	1.52	6.05	1.01	1.42	1.56	0.43	6.05
-Date						3	17	4- 5	22	21	12	14	AUG 4- 5
<b>Snow, Ice pellets</b>													
-Total						0.0	0.0	0.0	0.0	0.1	13.9	46.0	60.0
-Greatest (day)						0.0	0.0	0.0	0.0	0.1	3.2	7.5	7.5
-Date						1	1	1	1	30	12	21	DEC 21
<b>WIND</b>													
<b>Resultant</b>													
-Direction						0	0	0	0	0	0	0	0
-Speed						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average Speed						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Maximum One-minute</b>													
<b>Average</b>													
-Direction						N	N	N	N	N	N	N	N
-Speed						0	0	0	0	0	0	0	0
-Date						1	1	1	1	2	1	1	JUN 1
<b>Peak Gust</b>													
-Direction						N	N	N	N	N	N	N	N
-Speed						0	0	0	0	0	0	0	0
-Date						1	1	1	1	2	1	1	JUN 1

# MEANS AND EXTREMES\*

## Westford

Latitude: 44° 37' 39" N Longitude: 73° 02' 29" W Elevation (Ground): 850 feet Time Zone: Eastern

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Year
<b>TEMPERATURE</b>													
Average													
-Daily Maximum						85.6	88.2	86.1	68.7	59.2	40.7	27.3	65.1
-Daily Minimum						53.4	59.8	55.7	43.8	42.9	26.1	11.9	42.0
-Monthly						69.5	74.0	70.9	56.3	51.1	33.4	19.6	53.5
-Monthly Dew Point						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Extremes</b>													
-Record Highest						100.0	103.0	98.0	87.0	75.0	62.0	38.0	103.0
-Year						1995	1995	1995	1995	1995	1995	1995	JUL 1995
-Record Lowest						39.0	50.0	38.0	32.0	31.0	5.0	-8.0	-8.0
-Year						1995	1995	1995	1995	1995	1995	1995	DEC 1995
<b>MEAN DEGREE DAYS</b>													
Heating (base 65°F)						33	0	13	262	424	954	1416	3102
Cooling (base 65°F)						160	248	182	9	0	0	0	599
<b>MEAN SUNSHINE INDEX</b>													
						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>MEAN NUMBER OF DAYS</b>													
<b>Sunrise to Sunset</b>													
-Clear						30.0	28.0	30.0	28.0	30.0	30.0	31.0	207.0
-Partly Cloudy						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-Cloudy						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Precipitation ≥ .01"</b>													
Snow, Ice plts. ≥ 1.0"						4.0	14.0	10.0	11.0	16.0	20.0	26.0	101.0
Thunderstorms						0.0	0.0	0.0	0.0	0.0	12.0	24.0	36.0
Heavy Fog, vis. ≤ ¼ mi						1.0	4.0	4.0	2.0	2.0	0.0	0.0	13.0
						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TEMPERATURE:</b>													
<b>-Maximum</b>													
90°F and above						12.0	11.0	13.0	0.0	0.0	0.0	0.0	36.0
32°F and below						0.0	0.0	0.0	0.0	0.0	4.0	24.0	28.0
<b>-Minimum</b>													
32°F and below						0.0	0.0	0.0	2.0	1.0	22.0	31.0	56.0
0°F and below						0.0	0.0	0.0	0.0	0.0	0.0	6.0	6.0
<b>PRESSURE</b>													
Average													
-Monthly						0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Extremes</b>													
-Record Highest						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-Year						1995	1995	1995	1995	1995	1995	1995	JUN 1995
-Record Lowest						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-Year						1995	1995	1995	1995	1995	1995	1995	JUN 1995
<b>RELATIVE HUMIDITY (%)</b>													
Average													
-Monthly						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>-Local Time</b>													
Hour 01						0	0	0	0	0	0	0	0
Hour 07						0	0	0	0	0	0	0	0
Hour 13						0	0	0	0	0	0	0	0
Hour 19						0	0	0	0	0	0	0	0
<b>PRECIPITATION</b>													
<b>Water Equivalent</b>													
-Mean						1.36	3.92	10.18	3.15	6.48	4.24	3.39	32.72
-Maximum Monthly						1.36	3.92	10.18	3.15	6.48	4.24	3.39	10.18
-Year						1995	1995	1995	1995	1995	1995	1995	AUG 1995
-Minimum Monthly						1.36	3.92	10.18	3.15	6.48	4.24	3.39	1.36
-Year						1995	1995	1995	1995	1995	1995	1995	JUN 1995
-Greatest (24 hrs)						0.67	1.52	6.05	1.01	1.42	1.56	0.43	6.05
-Year						1995	1995	1995	1995	1995	1995	1995	AUG 1995
<b>Snow, Ice pellets</b>													
-Mean						0.0	0.0	0.0	0.0	0.1	13.9	46.0	120.0
-Maximum Monthly						0.0	0.0	0.0	0.0	0.1	13.9	46.0	46.0
-Year						1995	1995	1995	1995	1995	1995	1995	DEC 1995
-Minimum Monthly						0.0	0.0	0.0	0.0	0.1	13.9	46.0	0.0
-Year						1995	1995	1995	1995	1995	1995	1995	JUN 1995
-Greatest (day)						0.0	0.0	0.0	0.0	0.1	3.2	7.5	7.5
-Year						1995	1995	1995	1995	1995	1995	1995	DEC 1995
<b>WIND</b>													
<b>Resultant</b>													
-Direction						0	0	0	0	0	0	0	0
-Speed						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average Speed						0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum One-minute													
Average													
-Direction						N	N	N	N	N	N	N	N
-Speed						0	0	0	0	0	0	0	0
-Year						1995	1995	1995	1995	1995	1995	1995	JUN 1995
<b>Peak Gust</b>													
-Direction						N	N	N	N	N	N	N	N
-Speed						0	0	0	0	0	0	0	0
-Year						1995	1995	1995	1995	1995	1995	1995	JUN 1995

\* Length of record: June 1995 to December 1995

## Westford

### PRECIPITATION (inches)

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual
1995						1.36	3.92	10.18	3.15	6.48	4.24	3.39	32.72

### SNOWFALL (inches)

Year	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	Total
1994-95													
1995-96	0.0	0.0	0.0	0.1	13.9	46.0						0.0	0.0

## Westford

### TEMPERATURE °F

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual
1995						69.5	74.0	70.9	56.3	51.1	33.4	19.6	53.5

### HEATING DEGREE DAYS: Base 65°F

Year	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	Total
1994-95												33	33
1995-96	0	13	262	424	954	1416							

# Westford

COOLING DEGREE DAYS: Base 65°F

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
1995						160	248	182	9	0	0	0	599

**STATION LOCATION AND INSTRUMENTATION**  
**Westford**

Location	Occupied from	Occupied to	Latitude North	Longitude West	Elevation Above (ft)						
					Sea Level	Ground					
						Wind	Sun	Temp	Humidity	Rain	Barometer
22 Penny Ln Westford, VT 05494	Aug. 2001	Present	44° 37' 39"	73° 02' 29"	850	12	0	5	5	5	5

**INSTRUMENTATION DETAIL**

Units are: Temperature=°F, Wind=mph, Pressure=inches Hg, Precipitation=inches.

Davis VantagePro.

Wind:

Electronic sensors:

Instantaneous speed to 125 mph and direction to nearest 7°, greater of 2 mph or ±5%.

Temperature:

Electronic sensor: -40° to 140°F, ±1°F.

Humidity:

Electronic sensor: 0 to 100% RH, ±3%.

Barometer:

Electronic sensor: 26.00 to 32.00 inches Hg, ±0.05".

Rainfall:

4-inch diameter electronic tipping bucket rain gauge. Resolution 0.01", ±4%.

Sunshine:

Not recorded.

Snow, ice pellets, glaze and other meteorological phenomenon not recorded by the Weather Computer are manually observed and recorded in the station record.

**OBSERVER NOTES**