

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information
Service

Summary of Monthly Normals 1981-2010

National Climatic Data Center
Federal Building

151 Patton Avenue

Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: **WEST THOMPSON LAKE, CT US**

GHCND:USC00069388

Elev: 371 ft. Lat: 41.944° N Lon: 71.903° W

| Temperature (°F) | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-----------|-----------|------|-------------------------|-------------------------|-------------------------|---------------------|-------|-------|-------|-------|-------|---------------------|-------|------|------|---------------------|-----------|-----------|-----------|-----------|----------|
| Mean | | | | | | | Cooling Degree Days | | | | | | Heating Degree Days | | | | Mean Number of Days | | | | | |
| | | | | | | | Base (above) | | | | | | Base (below) | | | | | | | | | |
| Month | Daily Max | Daily Min | Mean | Long Term Max Std. Dev. | Long Term Min Std. Dev. | Long Term Avg Std. Dev. | 55 | 57 | 60 | 65 | 70 | 72 | 55 | 57 | 60 | 65 | Max >= 100 | Max >= 90 | Max >= 50 | Max <= 32 | Min <= 32 | Min <= 0 |
| 1 | 34.5 | 13.6 | 24.1 | 4.5 | 6.5 | 5.4 | 0 | 0 | 0 | 0 | 0 | 0 | 959 | 1021 | 1114 | 1269 | 0.0 | 0.0 | 2.7 | 12.5 | 29.5 | 4.5 |
| 2 | 38.6 | 16.1 | 27.3 | 4.4 | 3.5 | 3.7 | 0 | 0 | 0 | 0 | 0 | 0 | 774 | 830 | 914 | 1054 | 0.0 | 0.0 | 3.4 | 6.9 | 26.5 | 2.0 |
| 3 | 46.2 | 23.5 | 34.8 | 3.1 | 3.0 | 2.8 | 1 | 1 | -7777 | -7777 | 0 | 0 | 626 | 687 | 780 | 935 | 0.0 | 0.0 | 10.5 | 2.1 | 26.0 | 0.2 |
| 4 | 58.3 | 33.8 | 46.0 | 3.1 | 2.5 | 2.3 | 22 | 14 | 7 | 2 | -7777 | -7777 | 290 | 343 | 426 | 570 | 0.0 | 0.1 | 23.3 | 0.1 | 12.8 | 0.0 |
| 5 | 68.8 | 43.9 | 56.4 | 3.2 | 2.3 | 2.4 | 117 | 86 | 50 | 15 | 3 | 1 | 75 | 106 | 163 | 284 | 0.0 | 0.5 | 30.2 | 0.0 | 1.9 | 0.0 |
| 6 | 76.6 | 53.5 | 65.0 | 2.9 | 2.5 | 2.2 | 308 | 254 | 180 | 83 | 25 | 13 | 6 | 12 | 29 | 82 | 0.0 | 1.1 | 30.0 | 0.0 | 0.1 | 0.0 |
| 7 | 81.8 | 59.0 | 70.4 | 2.4 | 2.6 | 2.0 | 477 | 416 | 324 | 181 | 72 | 44 | -7777 | -7777 | 2 | 14 | 0.0 | 2.7 | 31.0 | 0.0 | 0.0 | 0.0 |
| 8 | 80.2 | 57.4 | 68.8 | 1.9 | 2.5 | 2.0 | 428 | 367 | 277 | 143 | 53 | 31 | -7777 | 1 | 4 | 26 | 0.0 | 1.4 | 31.0 | 0.0 | 0.0 | 0.0 |
| 9 | 72.8 | 48.7 | 60.8 | 2.0 | 1.9 | 1.7 | 201 | 156 | 100 | 37 | 10 | 5 | 28 | 43 | 77 | 165 | 0.0 | 0.4 | 30.0 | 0.0 | 0.4 | 0.0 |
| 10 | 61.7 | 36.6 | 49.1 | 2.6 | 3.3 | 2.6 | 35 | 22 | 12 | 3 | -7777 | -7777 | 216 | 266 | 348 | 494 | 0.0 | 0.0 | 28.3 | 0.0 | 10.6 | 0.0 |
| 11 | 51.2 | 29.2 | 40.2 | 2.8 | 2.8 | 2.4 | 4 | 2 | 1 | -7777 | 0 | 0 | 448 | 506 | 595 | 744 | 0.0 | 0.0 | 16.1 | 0.5 | 20.2 | -7777 |
| 12 | 40.1 | 19.5 | 29.8 | 4.7 | 4.6 | 4.5 | -7777 | -7777 | 0 | 0 | 0 | 0 | 781 | 843 | 936 | 1091 | 0.0 | 0.0 | 5.4 | 6.6 | 28.3 | 1.0 |
| Summary | 59.2 | 36.2 | 47.7 | 3.1 | 3.2 | 2.8 | 1593 | 1318 | 951 | 464 | 163 | 94 | 4203 | 4658 | 5388 | 6728 | 0.0 | 6.2 | 241.9 | 28.7 | 156.3 | 7.7 |

@ Denotes mean number of days greater than 0 but less than 0.05; or insufficient data for calculation.

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

-7777: a non-zero value that would round to zero

9999, Empty, or blank, cells indicate an average greater than 0 but less than 0.05.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information
Service

Summary of Monthly Normals 1981-2010

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: **WEST THOMPSON LAKE, CT US**

GHCND:USC00069388

Elev: 371 ft. Lat: 41.944° N Lon: 71.903° W

| Precipitation (in.) | | | | | | | | |
|---------------------|--------|---------------------|---------|---------|---------|--|-------|-------|
| | Totals | Mean Number of Days | | | | Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount | | |
| | Means | Daily Precipitation | | | | Monthly Precipitation vs. Probability Levels | | |
| Month | Mean | >= 0.01 | >= 0.10 | >= 0.50 | >= 1.00 | .25 | .50 | .75 |
| 1 | 3.87 | 10.4 | 7.1 | 2.9 | 1.0 | 2.42 | 3.63 | 5.09 |
| 2 | 3.54 | 9.3 | 6.4 | 2.7 | 1.0 | 2.52 | 3.13 | 3.89 |
| 3 | 4.56 | 11.0 | 7.4 | 3.3 | 1.3 | 3.19 | 4.44 | 5.57 |
| 4 | 4.71 | 11.1 | 7.4 | 3.1 | 1.2 | 2.62 | 4.45 | 6.23 |
| 5 | 3.96 | 12.9 | 7.7 | 2.5 | 0.8 | 2.69 | 3.98 | 4.75 |
| 6 | 4.55 | 12.0 | 6.9 | 3.0 | 1.3 | 2.24 | 3.36 | 6.62 |
| 7 | 4.45 | 10.7 | 6.7 | 3.1 | 1.2 | 3.01 | 3.92 | 5.57 |
| 8 | 4.27 | 9.8 | 6.2 | 2.8 | 1.4 | 3.07 | 3.99 | 5.59 |
| 9 | 3.63 | 9.0 | 6.1 | 2.5 | 1.0 | 2.15 | 2.80 | 4.40 |
| 10 | 4.51 | 9.1 | 6.4 | 2.7 | 1.5 | 2.21 | 4.06 | 6.33 |
| 11 | 4.73 | 10.4 | 7.3 | 3.4 | 1.3 | 3.17 | 4.56 | 6.21 |
| 12 | 4.29 | 10.5 | 7.2 | 2.9 | 1.1 | 2.71 | 4.43 | 5.76 |
| Summary | 51.07 | 126.2 | 82.8 | 34.9 | 14.1 | 32.00 | 46.75 | 66.01 |

@ Denotes mean number of days greater than 0 but less than 0.05; or insufficient data for calculation.

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

-7777: a non-zero value that would round to zero

9999, Empty, or blank, cells indicate an average greater than 0 but less than 0.05.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information
Service

Summary of Monthly Normals 1981-2010

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: **WEST THOMPSON LAKE, CT US**

GHCND:USC00069388

Elev: 371 ft. Lat: 41.944° N Lon: 71.903° W

| Snow (in.) | | | | | | | | | | | | | |
|------------|------------------|------------------------|------|-----|-----|-------|--------------------------|------|------|-----|---|------|------|
| | Totals | Mean Number of Days | | | | | | | | | Snow Probabilities Probability that snow will be equal to or less than the indicated amount | | |
| | Means | Snowfall >= Thresholds | | | | | Snow Depth >= Thresholds | | | | Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution. | | |
| Month | Snowfall Mean | 0.1 | 1.0 | 3.0 | 5.0 | 10.0 | 1 | 3 | 5 | 10 | .25 | .50 | .75 |
| 1 | 11.6 | 4.4 | 3.7 | 1.5 | 0.8 | 0.1 | 15.6 | 10.6 | 7.1 | 2.9 | 6.0 | 9.0 | 17.7 |
| 2 | 8.1 | 3.1 | 2.9 | 1.2 | 0.6 | 0.2 | 11.9 | 9.1 | 6.2 | 1.9 | 4.0 | 6.5 | 12.5 |
| 3 | 6.2 | 2.4 | 2.1 | 1.0 | 0.4 | -7777 | 6.4 | 4.1 | 2.5 | 0.6 | 2.0 | 5.0 | 9.0 |
| 4 | 1.6 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.8 | 0.4 | 0.3 | 0.1 | 0.0 | 0.0 | 0.5 |
| 5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11 | 1.1 | 0.5 | 0.4 | 0.1 | 0.1 | 0.0 | 1.1 | 0.5 | 0.2 | 0.0 | 0.0 | 0.0 | 1.5 |
| 12 | 8.2 | 2.9 | 2.5 | 1.0 | 0.6 | 0.1 | 8.4 | 4.9 | 3.4 | 1.1 | 2.0 | 8.0 | 14.0 |
| Summary | 36.8 | 13.6 | 11.9 | 5.0 | 2.6 | 0.5 | 44.2 | 29.6 | 19.7 | 6.6 | 14.0 | 28.5 | 55.2 |

@ Denotes mean number of days greater than 0 but less than 0.05; or insufficient data for calculation.

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

-7777: a non-zero value that would round to zero

9999, Empty, or blank, cells indicate an average greater than 0 but less than 0.05.

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information
Service

Summary of Monthly Normals 1981-2010

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: **WEST THOMPSON LAKE, CT US**

GHCND:USC00069388

Elev: 371 ft. Lat: 41.944° N Lon: 71.903° W

| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|---|-----|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 9 | 9 | 45 | 210 | 507 | 751 | 942 | 892 | 622 | 294 | 100 | 20 |
| 45 | 3 | 2 | 16 | 114 | 357 | 602 | 787 | 738 | 473 | 174 | 44 | 7 |
| 50 | 1 | -7777 | 5 | 54 | 222 | 452 | 632 | 583 | 330 | 87 | 16 | 2 |
| 55 | 0 | 0 | 1 | 22 | 117 | 308 | 477 | 428 | 201 | 35 | 4 | -7777 |
| 60 | 0 | 0 | -7777 | 7 | 50 | 180 | 324 | 277 | 100 | 12 | 1 | 0 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 7 | 10 | 40 | 144 | 304 | 468 | 622 | 583 | 384 | 193 | 67 | 16 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|-----|-------|-------|-----|-----|------|------|------|------|------|------|-------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 9 | 18 | 63 | 273 | 780 | 1531 | 2473 | 3365 | 3987 | 4281 | 4381 | 4401 |
| 45 | 3 | 5 | 21 | 135 | 492 | 1094 | 1881 | 2619 | 3092 | 3266 | 3310 | 3317 |
| 50 | 1 | -7777 | 6 | 60 | 282 | 734 | 1366 | 1949 | 2279 | 2366 | 2382 | 2384 |
| 55 | 0 | 0 | 1 | 23 | 140 | 448 | 925 | 1353 | 1554 | 1589 | 1593 | -7777 |
| 60 | 0 | 0 | -7777 | 7 | 57 | 237 | 561 | 838 | 938 | 950 | 951 | 951 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 7 | 17 | 57 | 201 | 505 | 973 | 1595 | 2178 | 2562 | 2755 | 2822 | 2838 |

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

M indicates the value is missing

-4444: year-round risk of frost-freeze

-6666: parameter undefined; insufficient occurrences to compute value

-7777: a non-zero value that would round to zero

9999, Empty, or blank, cells indicate an average greater than 0 but less than 0.05.