

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: **HARTFORD BRAINARD FIELD, CT US**

GHCND:USW00014752

Elev: 20 ft. Lat: 41.736° N Lon: 72.651° 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 | 35.7 | 18.5 | 27.1 | 4.6 | 6.0 | 5.0 | -7777 | -7777 | -7777 | 0 | 0 | 0 | 865 | 927 | 1020 | 1175 | 0.0 | 0.0 | 2.8 | 10.7 | 27.8 | 1.4 |
| 2 | 39.3 | 21.6 | 30.5 | 3.9 | 3.7 | 3.5 | -7777 | -7777 | 0 | 0 | 0 | 0 | 687 | 743 | 827 | 967 | 0.0 | 0.0 | 3.6 | 6.2 | 24.6 | 0.2 |
| 3 | 47.5 | 28.9 | 38.2 | 3.2 | 3.7 | 3.2 | 4 | 2 | 1 | -7777 | -7777 | 0 | 524 | 585 | 677 | 831 | 0.0 | 0.0 | 11.5 | 1.5 | 19.3 | 0.0 |
| 4 | 59.8 | 39.5 | 49.6 | 3.0 | 2.0 | 2.4 | 43 | 30 | 17 | 5 | 1 | 1 | 203 | 251 | 327 | 466 | 0.0 | 0.3 | 24.9 | 0.1 | 4.3 | 0.0 |
| 5 | 70.2 | 49.0 | 59.6 | 3.1 | 1.9 | 2.4 | 179 | 137 | 88 | 35 | 10 | 5 | 37 | 57 | 100 | 202 | 0.0 | 0.6 | 30.7 | 0.0 | 0.8 | 0.0 |
| 6 | 79.1 | 58.6 | 68.8 | 2.5 | 2.0 | 2.0 | 417 | 359 | 275 | 152 | 64 | 40 | 2 | 4 | 9 | 36 | 0.0 | 2.4 | 30.0 | 0.0 | -7777 | 0.0 |
| 7 | 83.9 | 64.3 | 74.1 | 2.4 | 2.1 | 2.1 | 592 | 530 | 437 | 285 | 146 | 101 | -7777 | -7777 | -7777 | 3 | 0.1 | 4.9 | 31.0 | 0.0 | 0.0 | 0.0 |
| 8 | 82.3 | 62.8 | 72.6 | 2.1 | 2.3 | 2.0 | 544 | 482 | 390 | 241 | 115 | 77 | -7777 | -7777 | 1 | 7 | -7777 | 3.2 | 31.0 | 0.0 | 0.0 | 0.0 |
| 9 | 74.7 | 54.0 | 64.4 | 2.2 | 2.3 | 2.0 | 292 | 240 | 170 | 80 | 27 | 16 | 12 | 19 | 39 | 99 | 0.0 | 0.5 | 30.0 | 0.0 | -7777 | 0.0 |
| 10 | 63.1 | 41.8 | 52.4 | 2.8 | 3.9 | 3.0 | 64 | 43 | 23 | 7 | 1 | 1 | 143 | 184 | 257 | 396 | 0.0 | 0.0 | 29.2 | 0.0 | 3.6 | 0.0 |
| 11 | 52.2 | 34.6 | 43.4 | 3.1 | 2.4 | 2.5 | 11 | 6 | 2 | -7777 | -7777 | 0 | 359 | 414 | 500 | 648 | 0.0 | 0.0 | 16.9 | 0.3 | 12.4 | 0.0 |
| 12 | 40.7 | 24.2 | 32.5 | 4.6 | 4.5 | 4.4 | 1 | 1 | -7777 | 0 | 0 | 0 | 700 | 762 | 854 | 1009 | 0.0 | 0.0 | 5.2 | 5.6 | 25.4 | 0.3 |
| Summary | 60.7 | 41.5 | 51.1 | 3.1 | 3.1 | 2.9 | 2147 | 1830 | 1403 | 805 | 364 | 241 | 3532 | 3946 | 4611 | 5839 | 0.1 | 11.9 | 246.8 | 24.4 | 118.2 | 1.9 |

@ 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: **HARTFORD BRAINARD FIELD, CT US**

GHCND:USW00014752

Elev: 20 ft. Lat: 41.736° N Lon: 72.651° 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 | 3.15 | 9.4 | 6.0 | 2.0 | 0.7 | 1.76 | 2.69 | 4.07 |
| 2 | 2.65 | 8.3 | 5.5 | 1.7 | 0.5 | 1.82 | 2.22 | 3.04 |
| 3 | 3.57 | 10.1 | 6.6 | 2.4 | 1.0 | 2.44 | 3.05 | 4.35 |
| 4 | 3.88 | 10.3 | 6.2 | 2.5 | 0.8 | 1.76 | 3.70 | 4.90 |
| 5 | 3.89 | 12.4 | 7.4 | 2.5 | 1.0 | 2.61 | 3.17 | 4.85 |
| 6 | 3.99 | 10.9 | 6.5 | 2.7 | 1.0 | 2.20 | 3.81 | 5.20 |
| 7 | 4.00 | 9.8 | 6.7 | 2.9 | 1.2 | 2.29 | 3.80 | 4.78 |
| 8 | 3.66 | 8.9 | 5.1 | 2.3 | 1.1 | 1.91 | 3.86 | 4.69 |
| 9 | 3.48 | 9.3 | 5.3 | 2.7 | 0.8 | 1.84 | 2.77 | 4.68 |
| 10 | 4.14 | 10.2 | 5.5 | 2.9 | 1.5 | 2.26 | 3.30 | 5.89 |
| 11 | 3.84 | 9.8 | 6.5 | 3.1 | 1.2 | 2.57 | 3.33 | 4.94 |
| 12 | 3.35 | 10.3 | 6.7 | 2.4 | 0.9 | 2.03 | 3.78 | 4.57 |
| Summary | 43.60 | 119.7 | 74.0 | 30.1 | 11.7 | 25.49 | 39.48 | 55.96 |

@ 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: **HARTFORD BRAINARD FIELD, CT US**

GHCND:USW00014752
Elev: 20 ft. Lat: 41.736° N Lon: 72.651° W

| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|---|-------|-------|-----|-----|-----|-----|------|------|-----|-----|-----|-------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 14 | 16 | 81 | 301 | 608 | 865 | 1057 | 1009 | 730 | 388 | 158 | 30 |
| 45 | 4 | 4 | 35 | 182 | 454 | 715 | 902 | 854 | 581 | 249 | 80 | 11 |
| 50 | 1 | 1 | 13 | 95 | 307 | 566 | 747 | 699 | 432 | 139 | 33 | 4 |
| 55 | -7777 | -7777 | 4 | 43 | 179 | 417 | 592 | 544 | 292 | 64 | 11 | 1 |
| 60 | -7777 | 0 | 1 | 17 | 88 | 275 | 437 | 390 | 170 | 23 | 2 | -7777 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 8 | 10 | 46 | 164 | 349 | 559 | 723 | 684 | 454 | 219 | 78 | 17 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|-------|-------|-----|-----|------|------|------|------|------|------|------|-------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 14 | 30 | 111 | 412 | 1020 | 1885 | 2942 | 3951 | 4681 | 5069 | 5227 | 5257 |
| 45 | 4 | 8 | 43 | 225 | 679 | 1394 | 2296 | 3150 | 3731 | 3980 | 4060 | 4071 |
| 50 | 1 | 2 | 15 | 110 | 417 | 983 | 1730 | 2429 | 2861 | 3000 | 3033 | 3037 |
| 55 | -7777 | -7777 | 4 | 47 | 226 | 643 | 1235 | 1779 | 2071 | 2135 | 2146 | 2147 |
| 60 | -7777 | 0 | 1 | 18 | 106 | 381 | 818 | 1208 | 1378 | 1401 | 1403 | -7777 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 8 | 18 | 64 | 228 | 577 | 1136 | 1859 | 2543 | 2997 | 3216 | 3294 | 3311 |

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.