

Summary of Monthly Normals 1991-2020

Generated on 08/05/2024

Current Location: Elev: 130 ft. Lat: 40.7789° N Lon: 73.9692° W
 Station: **NEW YORK CNTRL PK TWR, NY US USW00094728**

| Temperature (°F) | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-----------|-----------|------|-----------------------|-----------------------|-----------------------|---------------------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|---------------------|-----------|-----------|-----------|-----------|----------|
| Mean | | | | | | | Cooling Degree Days | | | | | | Heating Degree Days | | | | Mean Number of Days | | | | | |
| | | | | | | | Base (above) | | | | | | Base (above) | | | | | | | | | |
| 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 |
| 01 | 39.5 | 27.9 | 33.7 | 4.3 | 4.5 | 4.3 | 0.9 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 660.9 | 722.5 | 815.2 | 970.1 | 0.0 | 0.0 | 5.5 | 7.4 | 20.5 | 0.1 |
| 02 | 42.2 | 29.5 | 35.9 | 4.5 | 4.4 | 4.4 | 1.3 | 0.7 | 0.3 | 0.0 | 0.0 | 0.0 | 537.4 | 592.9 | 676.4 | 816.2 | 0.0 | 0.0 | 6.7 | 4.4 | 17.7 | 0.0 |
| 03 | 49.9 | 35.8 | 42.8 | 3.8 | 3.3 | 3.4 | 13.0 | 8.3 | 3.9 | 1.2 | 0.1 | 0.1 | 389.5 | 446.9 | 535.5 | 687.8 | 0.0 | 0.0 | 15.3 | 0.9 | 10.6 | 0.0 |
| 04 | 61.8 | 45.5 | 53.7 | 2.6 | 2.0 | 2.2 | 81.1 | 59.2 | 35.7 | 13.7 | 4.6 | 3.0 | 121.7 | 159.7 | 226.2 | 354.3 | 0.0 | 0.2 | 26.9 | 0.0 | 1.0 | 0.0 |
| 05 | 71.4 | 55.0 | 63.2 | 2.9 | 2.4 | 2.5 | 264.3 | 211.9 | 144.6 | 66.2 | 24.7 | 15.1 | 10.2 | 19.7 | 45.4 | 122.0 | 0.0 | 1.0 | 30.9 | 0.0 | 0.0 | 0.0 |
| 06 | 79.7 | 64.4 | 72.0 | 2.2 | 1.4 | 1.7 | 511.6 | 452.0 | 363.8 | 226.2 | 112.5 | 77.7 | 0.2 | 0.5 | 2.4 | 14.7 | 0.0 | 2.8 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 84.9 | 70.1 | 77.5 | 3.1 | 2.3 | 2.6 | 697.4 | 635.4 | 542.4 | 387.5 | 236.5 | 180.5 | 0.0 | 0.0 | 0.0 | 0.1 | 0.4 | 7.4 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 83.3 | 68.9 | 76.1 | 2.3 | 2.0 | 2.0 | 654.0 | 592.0 | 499.1 | 344.9 | 197.8 | 144.7 | 0.0 | 0.0 | 0.1 | 0.9 | 0.0 | 4.9 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 76.2 | 62.3 | 69.2 | 2.4 | 1.9 | 2.1 | 428.6 | 370.1 | 284.9 | 159.3 | 68.3 | 43.3 | 1.2 | 2.7 | 7.5 | 31.9 | 0.0 | 1.1 | 30.0 | 0.0 | 0.0 | 0.0 |
| 10 | 64.5 | 51.4 | 57.9 | 2.5 | 2.3 | 2.3 | 145.7 | 109.0 | 65.2 | 21.6 | 4.9 | 2.2 | 54.2 | 79.5 | 128.7 | 240.1 | 0.0 | 0.0 | 30.3 | 0.0 | 0.0 | 0.0 |
| 11 | 54.0 | 42.0 | 48.0 | 3.4 | 3.0 | 3.1 | 26.9 | 16.6 | 7.2 | 0.9 | 0.0 | 0.0 | 236.9 | 286.6 | 367.2 | 510.9 | 0.0 | 0.0 | 20.7 | 0.2 | 3.6 | 0.0 |
| 12 | 44.3 | 33.8 | 39.1 | 4.1 | 3.8 | 3.9 | 4.6 | 2.6 | 1.0 | 0.0 | 0.0 | 0.0 | 498.9 | 559.0 | 650.4 | 804.4 | 0.0 | 0.0 | 9.0 | 3.1 | 13.8 | 0.0 |
| Summary | 62.6 | 48.9 | 55.8 | 3.2 | 2.8 | 2.9 | 2829 | 2458 | 1948 | 1221 | 649 | 467 | 2511 | 2870 | 3455 | 4553 | 0.4 | 17.4 | 267.3 | 16.0 | 67.2 | 0.1 |

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Current Location: Elev: 130 ft. Lat: 40.7789° N Lon: 73.9692° W
 Station: **NEW YORK CNTRL PK TWR, NY US USW00094728**

| 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 | 0.25 | 0.50 | 0.75 | |
| 01 | 3.64 | 10.8 | 6.3 | 2.5 | 0.9 | 2.77 | 3.41 | 4.79 | |
| 02 | 3.19 | 10.0 | 6.0 | 2.2 | 1.0 | 2.00 | 2.84 | 4.06 | |
| 03 | 4.29 | 11.1 | 7.5 | 2.7 | 1.0 | 3.39 | 4.08 | 5.19 | |
| 04 | 4.09 | 11.4 | 6.5 | 2.4 | 1.0 | 2.51 | 3.62 | 4.78 | |
| 05 | 3.96 | 11.5 | 7.3 | 2.7 | 1.0 | 2.88 | 3.88 | 4.99 | |
| 06 | 4.54 | 11.2 | 7.0 | 3.1 | 1.1 | 2.99 | 4.37 | 5.41 | |
| 07 | 4.60 | 10.5 | 6.9 | 3.2 | 1.4 | 2.89 | 4.35 | 6.48 | |
| 08 | 4.56 | 10.0 | 6.5 | 3.1 | 1.2 | 2.86 | 3.76 | 5.54 | |
| 09 | 4.31 | 8.8 | 6.2 | 2.7 | 1.3 | 2.83 | 3.70 | 5.29 | |
| 10 | 4.38 | 9.5 | 5.6 | 2.8 | 1.5 | 2.28 | 4.17 | 5.73 | |
| 11 | 3.58 | 9.2 | 5.7 | 2.6 | 1.0 | 2.05 | 3.51 | 4.50 | |
| 12 | 4.38 | 11.4 | 7.3 | 3.3 | 1.2 | 3.21 | 4.44 | 5.37 | |
| Summary | 49.52 | 125.4 | 78.8 | 33.3 | 13.6 | 32.66 | 46.13 | 62.13 | |

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Current Location: Elev: 130 ft. Lat: 40.7789° N Lon: 73.9692° W
 Station: **NEW YORK CNTRL PK TWR, NY US USW00094728**

| 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 | 0.01 | 1.0 | 3.0 | 5.00 | 10.00 | 1 | 3 | 5 | 10 | .25 | .50 | .75 |
| 01 | 8.80 | 3.7 | 2.1 | 1.0 | 0.5 | 0.1 | 7.9 | 4.8 | 3.4 | 0.8 | 2.00 | 4.50 | 12.00 |
| 02 | 10.10 | 3.2 | 2.2 | 1.2 | 0.7 | 0.2 | 9.1 | 6.4 | 5.5 | 2.2 | 2.90 | 7.10 | 13.30 |
| 03 | 5.00 | 2.0 | 1.3 | 0.8 | 0.3 | 0.0 | 4.0 | 2.4 | 1.3 | 0.4 | 0.20 | 4.20 | 8.30 |
| 04 | 0.40 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 05 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 06 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 07 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 08 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 09 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 10 | 0.10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 11 | 0.50 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 | 0.2 | 0.1 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 12 | 4.90 | 2.1 | 1.2 | 0.6 | 0.4 | 0.1 | 2.9 | 1.8 | 0.9 | 0.3 | 0.00 | 2.50 | 8.60 |
| Summary | 29.8 | 11.4 | 7.0 | 3.8 | 1.9 | 0.4 | 24.2 | 15.6 | 11.1 | 3.7 | 5.1 | 18.3 | 42.2 |

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Current Location: Elev: 130 ft. Lat: 40.7789° N Lon: 73.9692° W
 Station: **NEW YORK CNTRL PK TWR, NY US USW00094728**

| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|--|------|------|-------|-------|-------|-------|--------|--------|-------|-------|-------|------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Growing Degree Units (Monthly) | | | | | | | | | | | | |
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 45.9 | 53.3 | 157.7 | 412.6 | 719.2 | 961.4 | 1162.3 | 1119.0 | 877.4 | 556.6 | 261.8 | 95.3 |
| 45 | 15.9 | 20.6 | 78.5 | 275.9 | 564.3 | 811.5 | 1007.4 | 964.0 | 727.4 | 404.2 | 150.6 | 41.5 |
| 50 | 4.3 | 6.3 | 34.1 | 161.6 | 410.2 | 661.4 | 852.3 | 809.0 | 577.5 | 263.0 | 72.4 | 15.2 |
| 55 | 0.9 | 1.3 | 13.0 | 81.1 | 264.3 | 511.6 | 697.4 | 654.0 | 428.6 | 145.7 | 26.9 | 4.6 |
| 60 | 0.1 | 0.3 | 3.9 | 35.7 | 144.6 | 363.8 | 542.4 | 499.1 | 284.9 | 65.2 | 7.2 | 1.0 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 14.2 | 19.1 | 64.5 | 201.6 | 416.8 | 651.0 | 822.1 | 790.4 | 574.8 | 284.0 | 100.2 | 29.2 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|----|----|-----|-----|------|------|------|------|------|------|------|------|
| 40 | 46 | 99 | 257 | 670 | 1389 | 2350 | 3512 | 4631 | 5509 | 6065 | 6327 | 6422 |
| 45 | 16 | 36 | 115 | 391 | 955 | 1767 | 2774 | 3738 | 4466 | 4870 | 5020 | 5062 |
| 50 | 4 | 11 | 45 | 206 | 616 | 1278 | 2130 | 2939 | 3517 | 3780 | 3852 | 3867 |
| 55 | 1 | 2 | 15 | 96 | 361 | 872 | 1570 | 2224 | 2652 | 2798 | 2825 | 2829 |
| 60 | 0 | 0 | 4 | 40 | 185 | 548 | 1091 | 1590 | 1875 | 1940 | 1947 | 1948 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 14 | 33 | 98 | 299 | 716 | 1367 | 2189 | 2980 | 3554 | 3838 | 3939 | 3968 |

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

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