

Summary of Monthly Normals  
1991-2020

Generated on 06/03/2024

Current Location: Elev: 650 ft. Lat: 40.8778° N Lon: 88.6364° W  
Station: PONTIAC, IL US USC00116910

| 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               | 32.4      | 17.2      | 24.8 | 4.7                   | 5.2                   | 4.8                   | 0.3                 | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 936.2               | 998.2 | 1090.9 | 1245.8 | 0.0                 | 0.0       | 2.4       | 15.7      | 27.7      | 4.2      |
| 02               | 37.0      | 20.5      | 28.8 | 6.0                   | 6.1                   | 5.9                   | 0.6                 | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 735.5               | 791.2 | 874.9  | 1014.8 | 0.0                 | 0.0       | 3.9       | 10.0      | 24.8      | 2.2      |
| 03               | 49.3      | 30.0      | 39.6 | 5.4                   | 4.5                   | 4.8                   | 17.5                | 12.0  | 6.6   | 2.2   | 0.3   | 0.0   | 493.4               | 549.9 | 637.5  | 788.1  | 0.0                 | 0.0       | 13.8      | 3.2       | 19.9      | 0.2      |
| 04               | 62.8      | 40.6      | 51.7 | 3.9                   | 3.1                   | 3.4                   | 77.2                | 57.6  | 34.8  | 11.5  | 2.4   | 0.9   | 176.3               | 216.6 | 283.8  | 410.5  | 0.0                 | 0.0       | 25.7      | 0.0       | 5.5       | 0.0      |
| 05               | 73.6      | 52.1      | 62.8 | 3.6                   | 3.6                   | 3.5                   | 270.1               | 223.0 | 162.1 | 84.9  | 35.6  | 22.6  | 26.8                | 41.7  | 73.8   | 151.6  | 0.0                 | 1.1       | 30.7      | 0.0       | 0.1       | 0.0      |
| 06               | 82.0      | 62.1      | 72.0 | 2.3                   | 1.9                   | 2.0                   | 512.0               | 453.0 | 366.2 | 231.3 | 118.5 | 83.8  | 0.6                 | 1.6   | 4.9    | 20.0   | 0.0                 | 4.7       | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 84.3      | 65.7      | 75.0 | 3.0                   | 2.7                   | 2.7                   | 620.0               | 558.0 | 465.0 | 311.8 | 172.4 | 125.6 | 0.0                 | 0.0   | 0.0    | 1.8    | 0.1                 | 5.4       | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 83.0      | 63.6      | 73.3 | 2.5                   | 3.1                   | 2.7                   | 567.2               | 505.4 | 413.0 | 262.6 | 132.9 | 91.3  | 0.0                 | 0.2   | 0.8    | 5.4    | 0.0                 | 3.9       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 78.1      | 55.7      | 66.9 | 3.3                   | 2.9                   | 2.8                   | 364.8               | 310.1 | 233.6 | 128.5 | 56.4  | 36.0  | 7.9                 | 13.2  | 26.8   | 71.7   | 0.0                 | 2.1       | 30.0      | 0.0       | 0.1       | 0.0      |
| 10               | 65.3      | 43.8      | 54.6 | 2.7                   | 2.6                   | 2.5                   | 111.2               | 84.0  | 52.3  | 19.0  | 5.2   | 3.0   | 125.2               | 160.0 | 221.3  | 343.0  | 0.0                 | 0.0       | 28.3      | 0.0       | 3.2       | 0.0      |
| 11               | 50.2      | 32.5      | 41.3 | 5.5                   | 3.9                   | 4.6                   | 12.9                | 7.6   | 3.2   | 0.5   | 0.0   | 0.0   | 422.4               | 477.1 | 562.6  | 709.9  | 0.0                 | 0.0       | 14.7      | 2.2       | 15.2      | 0.0      |
| 12               | 37.8      | 22.7      | 30.3 | 5.2                   | 5.4                   | 5.2                   | 1.3                 | 0.7   | 0.2   | 0.0   | 0.0   | 0.0   | 768.4               | 829.9 | 922.3  | 1077.1 | 0.0                 | 0.0       | 4.2       | 10.4      | 25.7      | 1.4      |
| Summary          | 61.3      | 42.2      | 51.8 | 4.0                   | 3.8                   | 3.7                   | 2555                | 2212  | 1737  | 1052  | 524   | 363   | 3693                | 4080  | 4700   | 5840   | 0.1                 | 17.2      | 245.7     | 41.5      | 122.2     | 8.0      |

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

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| Precipitation (in.) |        |                     |         |         |         |                                                                                                                        |       |       |
|---------------------|--------|---------------------|---------|---------|---------|------------------------------------------------------------------------------------------------------------------------|-------|-------|
|                     | Totals | Mean Number of Days |         |         |         | Precipitation Probabilities<br>Probability that precipitation will be<br>equal to or less than<br>the indicated amount |       |       |
|                     | Means  | Daily Precipitation |         |         |         | Monthly Precipitation<br>vs. Probability Levels                                                                        |       |       |
| Month               | Mean   | >= 0.01             | >= 0.10 | >= 0.50 | >= 1.00 | 0.25                                                                                                                   | 0.50  | 0.75  |
| 01                  | 1.99   | 9.1                 | 5.0     | 1.0     | 0.4     | 1.09                                                                                                                   | 1.97  | 2.89  |
| 02                  | 1.76   | 7.9                 | 4.3     | 0.9     | 0.2     | 0.99                                                                                                                   | 1.68  | 2.26  |
| 03                  | 2.62   | 9.6                 | 5.9     | 1.5     | 0.4     | 1.71                                                                                                                   | 2.28  | 3.14  |
| 04                  | 3.49   | 10.9                | 7.5     | 2.3     | 0.5     | 2.43                                                                                                                   | 3.24  | 4.42  |
| 05                  | 4.43   | 11.9                | 7.7     | 2.9     | 0.9     | 2.99                                                                                                                   | 3.86  | 5.57  |
| 06                  | 3.90   | 10.1                | 7.2     | 2.7     | 1.1     | 2.08                                                                                                                   | 3.56  | 4.82  |
| 07                  | 3.71   | 8.9                 | 6.2     | 2.8     | 1.1     | 2.01                                                                                                                   | 3.84  | 5.00  |
| 08                  | 3.73   | 8.7                 | 6.2     | 2.2     | 1.3     | 2.14                                                                                                                   | 3.36  | 4.78  |
| 09                  | 3.39   | 7.6                 | 5.2     | 2.2     | 1.0     | 1.39                                                                                                                   | 3.01  | 4.25  |
| 10                  | 3.24   | 8.4                 | 5.8     | 2.3     | 0.8     | 1.55                                                                                                                   | 3.00  | 4.22  |
| 11                  | 2.56   | 9.1                 | 5.7     | 1.8     | 0.4     | 1.99                                                                                                                   | 2.38  | 3.00  |
| 12                  | 2.13   | 9.3                 | 5.2     | 1.2     | 0.4     | 1.29                                                                                                                   | 1.90  | 2.41  |
| Summary             | 36.95  | 111.5               | 71.9    | 23.8    | 8.5     | 21.66                                                                                                                  | 34.08 | 46.76 |

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

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Station: **PONTIAC, IL US USC00116910**

Summary of Monthly Normals  
1991-2020  
Generated on 06/03/2024

National Centers for Environmental Information  
151 Patton Avenue  
Asheville, North Carolina 28801

| Snow (in.) |                  |                        |     |     |      |       |                          |      |      |     |                                                                                                   |      |       |
|------------|------------------|------------------------|-----|-----|------|-------|--------------------------|------|------|-----|---------------------------------------------------------------------------------------------------|------|-------|
|            | Totals           | Mean Number of Days    |     |     |      |       |                          |      |      |     | Snow Probabilities<br>Probability that snow will be equal to<br>or less than the indicated amount |      |       |
|            | Means            | Snowfall >= Thresholds |     |     |      |       | Snow Depth >= Thresholds |      |      |     | Monthly Snow vs. Probability Levels<br>Values derived from the<br>incomplete gamma distribution.  |      |       |
| Month      | Snowfall<br>Mean | 0.01                   | 1.0 | 3.0 | 5.00 | 10.00 | 1                        | 3    | 5    | 10  | .25                                                                                               | .50  | .75   |
| 01         | 6.70             | 4.6                    | 3.1 | 1.1 | 0.5  | 0.0   | 12.7                     | 7.5  | 4.8  | 1.9 | 4.50                                                                                              | 6.80 | 8.30  |
| 02         | 8.00             | 4.0                    | 2.4 | 1.1 | 0.5  | 0.0   | 9.4                      | 6.1  | 4.1  | 1.7 | 1.10                                                                                              | 4.20 | 11.70 |
| 03         | 3.40             | 1.7                    | 1.1 | 0.6 | 0.2  | 0.0   | 1.8                      | 0.6  | 0.1  | 0.0 | 0.20                                                                                              | 2.20 | 5.20  |
| 04         | 0.60             | 0.2                    | 0.1 | 0.0 | 0.0  | 0.0   | 0.2                      | 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         | 0.00             | 0.0                    | 0.0 | 0.0 | 0.0  | 0.0   | 0.0                      | 0.0  | 0.0  | 0.0 | 0.00                                                                                              | 0.00 | 0.00  |
| 11         | 0.70             | 0.7                    | 0.2 | 0.1 | 0.0  | 0.0   | 0.4                      | 0.1  | 0.0  | 0.0 | 0.00                                                                                              | 0.10 | 0.30  |
| 12         | 5.70             | 3.2                    | 2.1 | 0.9 | 0.3  | 0.0   | 6.4                      | 4.1  | 2.8  | 0.8 | 1.00                                                                                              | 4.30 | 6.30  |
| Summary    | 25.1             | 14.4                   | 9.0 | 3.8 | 1.5  | 0.0   | 30.9                     | 18.5 | 11.8 | 4.4 | 6.8                                                                                               | 17.6 | 31.8  |

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Current Location: Elev: 650 ft. Lat: 40.8778° N Lon: 88.6364° W

Station: PONTIAC, IL US USC00116910

| 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                                      | 11.4 | 24.5 | 132.7 | 367.4 | 708.3 | 961.2 | 1084.9 | 1032.1 | 806.7 | 457.0 | 146.5 | 30.3 |
| 45                                      | 3.4  | 9.8  | 75.4  | 244.7 | 554.3 | 811.3 | 929.9  | 877.2  | 657.1 | 317.7 | 78.4  | 11.2 |
| 50                                      | 1.0  | 3.3  | 39.1  | 145.8 | 405.0 | 661.4 | 774.9  | 722.2  | 508.9 | 200.4 | 36.7  | 3.8  |
| 55                                      | 0.3  | 0.6  | 17.5  | 77.2  | 270.1 | 512.0 | 620.0  | 567.2  | 364.8 | 111.2 | 12.9  | 1.3  |
| 60                                      | 0.0  | 0.0  | 6.6   | 34.8  | 162.1 | 366.2 | 465.0  | 413.0  | 233.6 | 52.3  | 3.2   | 0.2  |
| Growing Degree Units for Corn (Monthly) |      |      |       |       |       |       |        |        |       |       |       |      |
| 50/86                                   | 6.1  | 15.2 | 81.7  | 216.3 | 431.0 | 642.9 | 748.9  | 704.5  | 515.0 | 264.3 | 77.7  | 14.4 |

| Growing Degree Units (Accumulated Monthly)          |    |    |     |     |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|----|----|-----|-----|------|------|------|------|------|------|------|------|
| 40                                                  | 11 | 36 | 169 | 536 | 1244 | 2206 | 3290 | 4322 | 5129 | 5586 | 5733 | 5763 |
| 45                                                  | 3  | 13 | 89  | 333 | 888  | 1699 | 2629 | 3506 | 4163 | 4481 | 4559 | 4570 |
| 50                                                  | 1  | 4  | 43  | 189 | 594  | 1256 | 2030 | 2753 | 3262 | 3462 | 3499 | 3502 |
| 55                                                  | 0  | 1  | 18  | 96  | 366  | 878  | 1498 | 2065 | 2430 | 2541 | 2554 | 2555 |
| 60                                                  | 0  | 0  | 7   | 41  | 204  | 570  | 1035 | 1448 | 1681 | 1734 | 1737 | 1737 |
| Growing Degree Units for Corn (Monthly Accumulated) |    |    |     |     |      |      |      |      |      |      |      |      |
| 50/86                                               | 6  | 21 | 103 | 319 | 750  | 1393 | 2142 | 2847 | 3362 | 3626 | 3704 | 3718 |

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

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