

Summary of Monthly Normals  
1991-2020

Current Location: Elev: 628 ft. Lat: 41.1072° N Lon: 88.4111° W  
Station: DWIGHT, IL US USC00112500

Generated on 04/28/2024

| 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               | 30.7      | 14.0      | 22.3 | 4.8                   | 5.2                   | 4.9                   | 0.1                 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 1012.0              | 1073.8 | 1166.9 | 1322.0 | 0.0                 | 0.0       | 2.2       | 17.3      | 29.0      | 5.4      |
| 02               | 35.0      | 17.3      | 26.2 | 6.1                   | 6.0                   | 5.9                   | 0.2                 | 0.1   | 0.0   | 0.0   | 0.0   | 0.0  | 807.9               | 863.7  | 947.6  | 1087.7 | 0.0                 | 0.0       | 3.3       | 11.5      | 25.8      | 2.8      |
| 03               | 47.5      | 26.7      | 37.1 | 5.5                   | 4.3                   | 4.8                   | 9.7                 | 6.5   | 3.6   | 0.8   | 0.0   | 0.0  | 564.6               | 623.4  | 713.5  | 865.7  | 0.0                 | 0.0       | 12.3      | 3.7       | 22.8      | 0.3      |
| 04               | 60.8      | 36.9      | 48.8 | 3.9                   | 2.9                   | 3.3                   | 48.2                | 33.9  | 18.0  | 4.8   | 0.8   | 0.3  | 232.7               | 278.4  | 352.5  | 489.3  | 0.0                 | 0.0       | 24.6      | 0.1       | 8.9       | 0.0      |
| 05               | 72.1      | 49.3      | 60.7 | 4.0                   | 3.5                   | 3.6                   | 223.3               | 181.8 | 127.9 | 61.6  | 22.7  | 13.4 | 46.7                | 67.2   | 106.3  | 195.0  | 0.0                 | 1.1       | 30.5      | 0.0       | 0.4       | 0.0      |
| 06               | 81.1      | 59.1      | 70.1 | 2.4                   | 2.3                   | 2.1                   | 454.6               | 396.3 | 311.4 | 183.7 | 84.9  | 56.7 | 1.7                 | 3.5    | 8.5    | 30.8   | 0.0                 | 4.2       | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 83.5      | 62.1      | 72.8 | 3.2                   | 2.6                   | 2.8                   | 551.7               | 489.7 | 397.1 | 248.2 | 122.7 | 83.5 | 0.0                 | 0.0    | 0.3    | 6.4    | 0.1                 | 5.2       | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 81.9      | 59.4      | 70.7 | 2.6                   | 2.8                   | 2.5                   | 485.2               | 423.6 | 332.0 | 189.1 | 80.5  | 50.5 | 0.1                 | 0.6    | 1.9    | 14.0   | 0.0                 | 3.2       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 77.1      | 51.3      | 64.2 | 3.1                   | 2.7                   | 2.7                   | 290.7               | 240.1 | 172.2 | 84.3  | 31.3  | 18.7 | 14.8                | 24.3   | 46.3   | 108.4  | 0.0                 | 2.2       | 30.0      | 0.0       | 0.1       | 0.0      |
| 10               | 64.1      | 40.2      | 52.1 | 3.0                   | 2.6                   | 2.5                   | 80.1                | 58.8  | 34.6  | 11.2  | 2.7   | 1.4  | 168.6               | 209.2  | 278.0  | 409.6  | 0.0                 | 0.0       | 27.7      | 0.0       | 6.1       | 0.0      |
| 11               | 48.5      | 29.4      | 39.0 | 5.5                   | 4.0                   | 4.6                   | 8.0                 | 4.7   | 1.9   | 0.3   | 0.0   | 0.0  | 489.4               | 546.1  | 633.3  | 781.8  | 0.0                 | 0.0       | 13.6      | 2.6       | 19.0      | 0.0      |
| 12               | 36.1      | 19.6      | 27.8 | 5.2                   | 5.6                   | 5.2                   | 0.5                 | 0.2   | 0.0   | 0.0   | 0.0   | 0.0  | 842.0               | 903.6  | 996.5  | 1151.6 | 0.0                 | 0.0       | 3.8       | 11.4      | 27.8      | 2.0      |
| Summary          | 59.9      | 38.8      | 49.3 | 4.1                   | 3.7                   | 3.7                   | 2152                | 1836  | 1399  | 784   | 346   | 224  | 4180                | 4594   | 5252   | 6462   | 0.1                 | 15.9      | 240.0     | 46.6      | 139.9     | 10.5     |

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

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Summary of Monthly Normals  
1991-2020  
Generated on 04/28/2024

| 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                  | 1.96   | 6.5                 | 4.0     | 1.2     | 0.3     | 0.93                                                                                                                   | 1.70  | 2.87  |
| 02                  | 1.64   | 6.2                 | 4.0     | 1.1     | 0.2     | 0.95                                                                                                                   | 1.32  | 2.05  |
| 03                  | 2.55   | 8.3                 | 6.1     | 1.5     | 0.4     | 1.40                                                                                                                   | 2.16  | 3.48  |
| 04                  | 3.54   | 10.5                | 7.6     | 2.5     | 0.7     | 2.36                                                                                                                   | 3.05  | 4.93  |
| 05                  | 4.85   | 10.9                | 8.4     | 3.1     | 1.4     | 3.40                                                                                                                   | 4.86  | 6.04  |
| 06                  | 4.60   | 9.3                 | 7.1     | 3.1     | 1.6     | 2.78                                                                                                                   | 3.73  | 6.21  |
| 07                  | 3.90   | 8.2                 | 6.5     | 2.6     | 1.1     | 1.87                                                                                                                   | 3.02  | 5.33  |
| 08                  | 3.68   | 7.6                 | 6.0     | 2.5     | 1.0     | 1.63                                                                                                                   | 3.19  | 4.53  |
| 09                  | 3.25   | 7.2                 | 5.3     | 2.0     | 1.1     | 1.36                                                                                                                   | 2.82  | 4.39  |
| 10                  | 3.19   | 8.4                 | 5.8     | 2.0     | 0.8     | 1.75                                                                                                                   | 2.67  | 3.87  |
| 11                  | 2.58   | 7.5                 | 6.1     | 1.7     | 0.5     | 1.85                                                                                                                   | 2.31  | 3.13  |
| 12                  | 1.95   | 7.5                 | 4.7     | 1.2     | 0.4     | 1.26                                                                                                                   | 1.96  | 2.39  |
| Summary             | 37.69  | 98.1                | 71.6    | 24.5    | 9.5     | 21.54                                                                                                                  | 32.79 | 49.22 |

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Summary of Monthly Normals  
1991-2020  
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| 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         | 7.90             | 3.1                    | 2.5 | 0.9 | 0.4  | 0.0   | 11.5                     | 5.9  | 3.4 | 0.4 | 3.00                                                                                              | 6.50 | 10.70 |
| 02         | 4.90             | 2.6                    | 2.1 | 0.9 | 0.3  | 0.0   | 10.1                     | 4.8  | 3.1 | 1.4 | 0.10                                                                                              | 1.60 | 7.70  |
| 03         | 3.50             | 1.2                    | 1.0 | 0.5 | 0.2  | 0.1   | 2.4                      | 1.0  | 0.5 | 0.0 | 0.00                                                                                              | 1.50 | 5.00  |
| 04         | 0.60             | 0.2                    | 0.2 | 0.0 | 0.0  | 0.0   | 0.3                      | 0.1  | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.20  |
| 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         | 0.80             | 0.4                    | 0.3 | 0.1 | 0.0  | 0.0   | 0.5                      | 0.2  | 0.1 | 0.0 | 0.00                                                                                              | 0.00 | 0.50  |
| 12         | 5.60             | 2.3                    | 2.0 | 0.8 | 0.2  | 0.0   | 6.3                      | 3.2  | 2.0 | 0.7 | 1.50                                                                                              | 4.00 | 7.00  |
| Summary    | 23.3             | 9.8                    | 8.1 | 3.2 | 1.1  | 0.1   | 31.1                     | 15.2 | 9.1 | 2.5 | 4.6                                                                                               | 13.6 | 31.1  |

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| 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                                      | 6.8 | 15.0 | 93.8 | 294.2 | 642.0 | 902.8 | 1016.6 | 950.0 | 725.8 | 387.6 | 108.4 | 16.9 |
| 45                                      | 1.7 | 5.4  | 50.9 | 184.1 | 489.8 | 752.8 | 861.7  | 795.1 | 576.6 | 258.1 | 55.8  | 5.8  |
| 50                                      | 0.5 | 1.5  | 25.1 | 102.2 | 346.4 | 603.1 | 706.7  | 640.1 | 429.8 | 155.1 | 24.6  | 2.0  |
| 55                                      | 0.1 | 0.2  | 9.7  | 48.2  | 223.3 | 454.6 | 551.7  | 485.2 | 290.7 | 80.1  | 8.0   | 0.5  |
| 60                                      | 0.0 | 0.0  | 3.6  | 18.0  | 127.9 | 311.4 | 397.1  | 332.0 | 172.2 | 34.6  | 1.9   | 0.0  |
| Growing Degree Units for Corn (Monthly) |     |      |      |       |       |       |        |       |       |       |       |      |
| 50/86                                   | 4.3 | 10.8 | 65.3 | 185.4 | 389.0 | 592.2 | 686.6  | 630.1 | 459.5 | 238.7 | 64.2  | 9.8  |

| Growing Degree Units (Accumulated Monthly)          |   |    |     |     |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|---|----|-----|-----|------|------|------|------|------|------|------|------|
| 40                                                  | 7 | 22 | 116 | 410 | 1052 | 1955 | 2971 | 3921 | 4647 | 5035 | 5143 | 5160 |
| 45                                                  | 2 | 7  | 58  | 242 | 732  | 1485 | 2346 | 3141 | 3718 | 3976 | 4032 | 4038 |
| 50                                                  | 0 | 2  | 27  | 129 | 476  | 1079 | 1786 | 2426 | 2855 | 3010 | 3035 | 3037 |
| 55                                                  | 0 | 0  | 10  | 58  | 282  | 736  | 1288 | 1773 | 2064 | 2144 | 2152 | 2152 |
| 60                                                  | 0 | 0  | 4   | 22  | 150  | 461  | 858  | 1190 | 1362 | 1397 | 1399 | 1399 |
| Growing Degree Units for Corn (Monthly Accumulated) |   |    |     |     |      |      |      |      |      |      |      |      |
| 50/86                                               | 4 | 15 | 80  | 266 | 655  | 1247 | 1934 | 2564 | 3023 | 3262 | 3326 | 3336 |

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.  
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.