

Summary of Monthly Normals  
1991-2020

Generated on 06/04/2024

Current Location: Elev: 592 ft. Lat: 34.6525° N Lon: 86.9453° W  
Station: **DECATUR PRYOR FLD, AL US USW00053852**

| 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               | 50.7      | 32.0      | 41.4 | 4.0                   | 4.7                   | 4.2                   | 15.6                | 9.8   | 4.0   | 0.2   | 0.0   | 0.0   | 438.5               | 494.6 | 581.9 | 733.2 | 0.0                 | 0.0       | 17.6      | 2.0       | 17.2      | 0.0      |
| 02               | 55.4      | 35.2      | 45.3 | 4.4                   | 4.0                   | 4.0                   | 23.6                | 15.7  | 7.6   | 1.5   | 0.1   | 0.0   | 295.2               | 343.2 | 419.1 | 553.1 | 0.0                 | 0.0       | 19.0      | 0.3       | 12.6      | 0.0      |
| 03               | 63.7      | 41.7      | 52.7 | 4.2                   | 3.8                   | 3.9                   | 84.6                | 61.0  | 33.7  | 9.0   | 0.9   | 0.1   | 155.9               | 194.2 | 260.0 | 390.3 | 0.0                 | 0.0       | 28.2      | 0.0       | 6.1       | 0.0      |
| 04               | 73.0      | 50.1      | 61.6 | 2.9                   | 3.1                   | 2.9                   | 228.4               | 183.4 | 125.3 | 54.6  | 14.4  | 6.4   | 31.9                | 46.9  | 78.8  | 158.1 | 0.0                 | 0.1       | 29.8      | 0.0       | 0.6       | 0.0      |
| 05               | 80.8      | 59.1      | 69.9 | 2.6                   | 2.7                   | 2.5                   | 464.8               | 404.6 | 317.5 | 185.1 | 81.4  | 50.6  | 1.3                 | 3.2   | 9.1   | 31.6  | 0.0                 | 3.4       | 31.0      | 0.0       | 0.0       | 0.0      |
| 06               | 87.6      | 66.6      | 77.1 | 3.0                   | 1.5                   | 2.0                   | 662.9               | 602.8 | 512.9 | 363.2 | 218.7 | 164.8 | 0.0                 | 0.0   | 0.0   | 0.3   | 0.2                 | 13.7      | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 89.8      | 69.7      | 79.7 | 2.4                   | 1.9                   | 1.9                   | 767.2               | 705.2 | 612.2 | 457.2 | 302.8 | 241.9 | 0.0                 | 0.0   | 0.0   | 0.0   | 0.5                 | 18.7      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 89.8      | 67.9      | 78.8 | 3.2                   | 2.3                   | 2.6                   | 739.2               | 677.2 | 584.2 | 429.4 | 276.2 | 216.8 | 0.0                 | 0.0   | 0.0   | 0.1   | 1.2                 | 17.9      | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 85.1      | 61.2      | 73.1 | 3.5                   | 2.6                   | 2.6                   | 544.7               | 485.2 | 397.0 | 257.7 | 136.1 | 96.0  | 0.3                 | 0.9   | 2.6   | 13.3  | 0.1                 | 9.0       | 30.0      | 0.0       | 0.0       | 0.0      |
| 10               | 74.5      | 49.5      | 62.0 | 2.8                   | 3.0                   | 2.4                   | 251.0               | 204.2 | 141.9 | 63.4  | 19.5  | 10.9  | 34.0                | 49.2  | 79.9  | 156.4 | 0.0                 | 0.8       | 31.0      | 0.0       | 1.0       | 0.0      |
| 11               | 62.3      | 39.2      | 50.8 | 4.0                   | 3.7                   | 3.5                   | 53.8                | 37.5  | 20.2  | 5.5   | 0.4   | 0.0   | 181.2               | 224.9 | 297.6 | 432.9 | 0.0                 | 0.0       | 27.3      | 0.0       | 8.5       | 0.0      |
| 12               | 53.6      | 34.6      | 44.1 | 4.0                   | 4.0                   | 3.8                   | 23.1                | 15.2  | 7.3   | 1.2   | 0.1   | 0.0   | 361.0               | 415.0 | 500.1 | 649.1 | 0.0                 | 0.0       | 20.1      | 0.5       | 15.6      | 0.0      |
| Summary          | 72.2      | 50.6      | 61.4 | 3.4                   | 3.1                   | 3.0                   | 3859                | 3402  | 2764  | 1828  | 1051  | 788   | 1499                | 1772  | 2229  | 3118  | 2.0                 | 63.6      | 326.0     | 2.8       | 61.6      | 0.0      |

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                  | 4.64   | 9.3                 | 6.4     | 3.3     | 1.6     | 3.04                                                                                                                   | 4.41  | 5.75  |
| 02                  | 4.96   | 12.1                | 6.8     | 3.3     | 1.4     | 2.76                                                                                                                   | 3.93  | 6.62  |
| 03                  | 4.96   | 11.0                | 7.5     | 3.2     | 1.3     | 3.72                                                                                                                   | 4.96  | 5.67  |
| 04                  | 4.50   | 11.0                | 6.9     | 2.9     | 1.5     | 2.89                                                                                                                   | 4.05  | 5.48  |
| 05                  | 4.15   | 10.8                | 6.4     | 2.9     | 1.0     | 2.39                                                                                                                   | 3.79  | 5.54  |
| 06                  | 3.66   | 11.4                | 7.1     | 2.3     | 0.9     | 1.99                                                                                                                   | 3.39  | 5.00  |
| 07                  | 3.95   | 12.4                | 7.1     | 2.5     | 1.0     | 2.26                                                                                                                   | 3.90  | 5.06  |
| 08                  | 3.05   | 10.6                | 5.6     | 2.2     | 0.7     | 2.05                                                                                                                   | 2.97  | 3.58  |
| 09                  | 3.21   | 8.3                 | 3.5     | 1.7     | 0.8     | 1.28                                                                                                                   | 3.46  | 4.44  |
| 10                  | 3.23   | 8.6                 | 4.7     | 2.3     | 0.9     | 1.56                                                                                                                   | 2.97  | 4.65  |
| 11                  | 3.96   | 9.7                 | 5.7     | 2.8     | 1.1     | 3.06                                                                                                                   | 3.97  | 4.74  |
| 12                  | 5.20   | 10.8                | 7.0     | 4.0     | 1.5     | 3.57                                                                                                                   | 5.07  | 6.09  |
| Summary             | 49.47  | 126.0               | 74.7    | 33.4    | 13.7    | 30.57                                                                                                                  | 46.87 | 62.62 |

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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                                      | 154.4 | 196.1 | 404.6 | 646.9 | 928.4 | 1112.8 | 1232.1 | 1204.1 | 994.2 | 682.1 | 334.7 | 190.9 |
| 45                                      | 84.4  | 112.6 | 273.0 | 498.8 | 773.4 | 962.8  | 1077.1 | 1049.1 | 844.3 | 528.7 | 212.2 | 109.0 |
| 50                                      | 40.8  | 56.3  | 164.1 | 356.2 | 618.5 | 812.8  | 922.2  | 894.2  | 694.4 | 382.6 | 116.8 | 55.0  |
| 55                                      | 15.6  | 23.6  | 84.6  | 228.4 | 464.8 | 662.9  | 767.2  | 739.2  | 544.7 | 251.0 | 53.8  | 23.1  |
| 60                                      | 4.0   | 7.6   | 33.7  | 125.3 | 317.5 | 512.9  | 612.2  | 584.2  | 397.0 | 141.9 | 20.2  | 7.3   |
| Growing Degree Units for Corn (Monthly) |       |       |       |       |       |        |        |        |       |       |       |       |
| 50/86                                   | 83.0  | 114.2 | 237.8 | 402.5 | 614.3 | 765.4  | 854.2  | 824.1  | 665.8 | 437.2 | 205.7 | 103.2 |

| Growing Degree Units (Accumulated Monthly)          |     |     |     |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| 40                                                  | 154 | 350 | 755 | 1402 | 2330 | 3443 | 4675 | 5879 | 6874 | 7556 | 7890 | 8081 |
| 45                                                  | 84  | 197 | 470 | 969  | 1742 | 2705 | 3782 | 4831 | 5676 | 6204 | 6416 | 6525 |
| 50                                                  | 41  | 97  | 261 | 617  | 1236 | 2049 | 2971 | 3865 | 4559 | 4942 | 5059 | 5114 |
| 55                                                  | 16  | 39  | 124 | 352  | 817  | 1480 | 2247 | 2986 | 3531 | 3782 | 3836 | 3859 |
| 60                                                  | 4   | 12  | 45  | 171  | 488  | 1001 | 1613 | 2197 | 2594 | 2736 | 2756 | 2764 |
| Growing Degree Units for Corn (Monthly Accumulated) |     |     |     |      |      |      |      |      |      |      |      |      |
| 50/86                                               | 83  | 197 | 435 | 838  | 1452 | 2217 | 3071 | 3895 | 4561 | 4998 | 5204 | 5307 |

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.