

Summary of Monthly Normals  
1991-2020

Generated on 06/04/2024

Current Location: Elev: 357 ft. Lat: 33.7092° N Lon: 87.8153° W

Station: FAYETTE, AL US USC00012883

| 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               | 54.6      | 34.4      | 44.5 | 3.9                   | 4.2                   | 3.9                   | 24.0                | 16.1  | 7.7   | 1.8   | 0.1   | 0.0   | 349.3               | 403.4 | 488.0 | 637.2 | 0.0                 | 0.0       | 20.3      | 0.8       | 18.0      | 0.0      |
| 02               | 59.3      | 37.2      | 48.3 | 3.9                   | 4.2                   | 3.9                   | 34.7                | 23.2  | 11.8  | 2.7   | 0.3   | 0.1   | 223.6               | 268.1 | 340.7 | 471.6 | 0.0                 | 0.0       | 21.3      | 0.3       | 14.4      | 0.0      |
| 03               | 67.9      | 43.1      | 55.5 | 4.3                   | 3.8                   | 3.9                   | 118.6               | 88.7  | 53.6  | 19.6  | 4.8   | 2.1   | 103.2               | 135.3 | 193.2 | 314.2 | 0.0                 | 0.0       | 28.5      | 0.1       | 7.3       | 0.0      |
| 04               | 75.8      | 50.0      | 62.9 | 2.6                   | 3.4                   | 2.8                   | 259.6               | 212.4 | 148.2 | 67.1  | 19.4  | 9.9   | 22.6                | 35.4  | 61.2  | 130.1 | 0.0                 | 0.2       | 29.9      | 0.0       | 1.2       | 0.0      |
| 05               | 82.8      | 58.9      | 70.8 | 2.4                   | 3.3                   | 2.5                   | 492.1               | 431.0 | 340.9 | 202.8 | 94.9  | 62.1  | 0.7                 | 1.6   | 4.6   | 21.5  | 0.0                 | 4.0       | 31.0      | 0.0       | 0.0       | 0.0      |
| 06               | 89.1      | 67.0      | 78.0 | 3.1                   | 1.7                   | 2.0                   | 691.4               | 631.4 | 541.5 | 392.2 | 247.3 | 192.8 | 0.0                 | 0.0   | 0.1   | 0.8   | 0.1                 | 15.4      | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 91.8      | 70.7      | 81.3 | 2.5                   | 1.6                   | 1.6                   | 813.6               | 751.6 | 658.6 | 503.7 | 348.7 | 286.9 | 0.0                 | 0.0   | 0.0   | 0.0   | 1.5                 | 22.0      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 90.9      | 69.2      | 80.0 | 3.2                   | 1.8                   | 2.2                   | 776.5               | 714.4 | 621.5 | 466.5 | 312.6 | 252.4 | 0.0                 | 0.0   | 0.0   | 0.0   | 2.4                 | 20.3      | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 86.5      | 63.3      | 74.9 | 2.8                   | 2.8                   | 2.4                   | 596.9               | 537.0 | 448.0 | 303.2 | 170.8 | 125.0 | 0.0                 | 0.2   | 1.2   | 6.3   | 0.2                 | 8.7       | 30.0      | 0.0       | 0.0       | 0.0      |
| 10               | 76.5      | 51.3      | 63.9 | 2.8                   | 3.8                   | 2.6                   | 297.8               | 247.5 | 178.5 | 86.3  | 30.4  | 17.4  | 21.9                | 33.5  | 57.6  | 120.3 | 0.0                 | 1.0       | 30.9      | 0.0       | 1.4       | 0.0      |
| 11               | 65.2      | 40.9      | 53.0 | 3.9                   | 3.6                   | 3.4                   | 80.8                | 58.4  | 33.2  | 11.1  | 2.5   | 0.9   | 139.2               | 176.7 | 241.6 | 369.5 | 0.0                 | 0.0       | 28.5      | 0.0       | 9.4       | 0.0      |
| 12               | 57.1      | 36.5      | 46.8 | 3.6                   | 4.1                   | 3.7                   | 35.0                | 24.3  | 12.8  | 3.9   | 0.7   | 0.2   | 289.2               | 340.4 | 421.9 | 568.0 | 0.0                 | 0.0       | 22.7      | 0.2       | 16.9      | 0.0      |
| Summary          | 74.8      | 51.9      | 63.3 | 3.2                   | 3.2                   | 2.9                   | 4221                | 3736  | 3056  | 2061  | 1232  | 950   | 1150                | 1395  | 1810  | 2640  | 4.2                 | 71.6      | 335.1     | 1.4       | 68.6      | 0.0      |

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

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**Summary of Monthly Normals**  
**1991-2020**  
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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                  | 5.45   | 10.8                | 7.5     | 3.9     | 1.5     | 3.91                                                                                                                   | 4.83  | 7.34  |  |
| 02                  | 5.45   | 10.4                | 7.4     | 3.8     | 1.7     | 3.74                                                                                                                   | 5.04  | 7.37  |  |
| 03                  | 5.30   | 10.1                | 7.5     | 3.7     | 2.0     | 3.20                                                                                                                   | 4.54  | 7.29  |  |
| 04                  | 5.81   | 8.1                 | 6.1     | 3.4     | 2.0     | 3.53                                                                                                                   | 5.17  | 7.36  |  |
| 05                  | 3.95   | 7.6                 | 5.7     | 2.7     | 1.4     | 2.01                                                                                                                   | 3.27  | 5.57  |  |
| 06                  | 5.20   | 9.9                 | 7.0     | 3.4     | 1.4     | 3.24                                                                                                                   | 4.72  | 7.09  |  |
| 07                  | 4.88   | 9.5                 | 7.1     | 3.8     | 1.3     | 2.63                                                                                                                   | 4.44  | 7.38  |  |
| 08                  | 4.01   | 9.1                 | 6.6     | 2.5     | 0.9     | 2.11                                                                                                                   | 3.60  | 5.21  |  |
| 09                  | 3.33   | 6.3                 | 4.3     | 1.9     | 1.0     | 2.43                                                                                                                   | 3.32  | 4.28  |  |
| 10                  | 3.49   | 7.1                 | 4.9     | 2.6     | 1.2     | 1.46                                                                                                                   | 2.95  | 4.69  |  |
| 11                  | 4.28   | 8.7                 | 6.4     | 3.4     | 1.4     | 2.74                                                                                                                   | 3.85  | 5.64  |  |
| 12                  | 5.73   | 9.6                 | 7.1     | 3.9     | 1.6     | 3.83                                                                                                                   | 5.38  | 6.46  |  |
| Summary             | 56.88  | 107.2               | 77.6    | 39.0    | 17.4    | 34.83                                                                                                                  | 51.11 | 75.68 |  |

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

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

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Summary of Monthly Normals  
1991-2020  
Generated on 06/04/2024

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         | 0.20             | 0.2                    | 0.1 | 0.0 | 0.0  | 0.0   | 0.1                      | 0.0 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 02         | 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 |
| 03         | 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 |
| 04         | 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 |
| 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         | 0.00             | 0.0                    | 0.0 | 0.0 | 0.0  | 0.0   | 0.0                      | 0.0 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 12         | 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 |
| Summary    | 0.3              | 0.2                    | 0.1 | 0.0 | 0.0  | 0.0   | 0.1                      | 0.0 | 0.0 | 0.0 | 0.0                                                                                               | 0.0  | 0.0  |

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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                                      | 202.7 | 255.5 | 486.4 | 687.0 | 956.3 | 1141.4 | 1278.6 | 1241.5 | 1046.8 | 741.5 | 397.1 | 243.6 |
| 45                                      | 114.5 | 153.3 | 342.6 | 538.0 | 801.3 | 991.4  | 1123.6 | 1086.4 | 896.8  | 587.5 | 265.8 | 142.1 |
| 50                                      | 56.2  | 80.9  | 217.8 | 393.0 | 646.3 | 841.4  | 968.6  | 931.4  | 746.8  | 437.2 | 160.0 | 75.1  |
| 55                                      | 24.0  | 34.7  | 118.6 | 259.6 | 492.1 | 691.4  | 813.6  | 776.5  | 596.9  | 297.8 | 80.8  | 35.0  |
| 60                                      | 7.7   | 11.8  | 53.6  | 148.2 | 340.9 | 541.5  | 658.6  | 621.5  | 448.0  | 178.5 | 33.2  | 12.8  |
| Growing Degree Units for Corn (Monthly) |       |       |       |       |       |        |        |        |        |       |       |       |
| 50/86                                   | 117.8 | 157.6 | 303.1 | 443.2 | 637.6 | 776.2  | 873.9  | 846.4  | 709.3  | 483.3 | 251.7 | 145.9 |

| Growing Degree Units (Accumulated Monthly)          |     |     |     |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| 40                                                  | 203 | 458 | 945 | 1632 | 2588 | 3729 | 5008 | 6249 | 7296 | 8038 | 8435 | 8678 |
| 45                                                  | 114 | 268 | 610 | 1148 | 1950 | 2941 | 4065 | 5151 | 6048 | 6635 | 6901 | 7043 |
| 50                                                  | 56  | 137 | 355 | 748  | 1394 | 2236 | 3204 | 4136 | 4882 | 5320 | 5480 | 5555 |
| 55                                                  | 24  | 59  | 177 | 437  | 929  | 1620 | 2434 | 3210 | 3807 | 4105 | 4186 | 4221 |
| 60                                                  | 8   | 20  | 73  | 221  | 562  | 1104 | 1762 | 2384 | 2832 | 3010 | 3043 | 3056 |
| Growing Degree Units for Corn (Monthly Accumulated) |     |     |     |      |      |      |      |      |      |      |      |      |
| 50/86                                               | 118 | 275 | 578 | 1022 | 1659 | 2436 | 3309 | 4156 | 4865 | 5348 | 5600 | 5746 |

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.