

Summary of Monthly Normals  
1991-2020

Generated on 06/04/2024

Current Location: Elev: 743 ft. Lat: 36.7461° N Lon: 86.2258° W

Station: SCOTTSVILLE, KY US USC00157215

| 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               | 45.1      | 25.7      | 35.4 | 4.4                   | 4.7                   | 4.5                   | 5.4                 | 3.1   | 1.2   | 0.0   | 0.0   | 0.0   | 612.8               | 672.5 | 763.6 | 917.5 | 0.0                 | 0.0       | 12.1      | 5.0       | 20.1      | 0.8      |
| 02               | 50.2      | 28.9      | 39.6 | 4.8                   | 4.3                   | 4.4                   | 10.9                | 6.5   | 2.6   | 0.3   | 0.0   | 0.0   | 443.5               | 495.0 | 575.1 | 712.8 | 0.0                 | 0.0       | 15.3      | 2.2       | 16.1      | 0.1      |
| 03               | 59.0      | 36.7      | 47.9 | 4.6                   | 4.0                   | 4.2                   | 52.4                | 37.5  | 20.7  | 5.6   | 0.6   | 0.2   | 274.0               | 321.1 | 397.4 | 537.2 | 0.0                 | 0.0       | 24.5      | 0.5       | 10.6      | 0.1      |
| 04               | 69.7      | 45.1      | 57.4 | 3.1                   | 3.1                   | 3.0                   | 157.5               | 123.0 | 79.5  | 28.8  | 5.5   | 1.9   | 85.5                | 111.0 | 157.5 | 256.8 | 0.0                 | 0.0       | 29.0      | 0.0       | 2.5       | 0.0      |
| 05               | 76.8      | 54.3      | 65.6 | 2.8                   | 3.4                   | 3.0                   | 338.7               | 283.9 | 208.2 | 103.3 | 32.4  | 15.3  | 11.6                | 18.9  | 36.2  | 86.3  | 0.0                 | 0.4       | 31.0      | 0.0       | 0.1       | 0.0      |
| 06               | 83.8      | 61.5      | 72.7 | 2.4                   | 2.7                   | 2.4                   | 529.5               | 469.7 | 380.5 | 237.2 | 112.1 | 71.7  | 0.1                 | 0.3   | 1.0   | 7.8   | 0.1                 | 4.6       | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 87.0      | 65.4      | 76.2 | 2.3                   | 2.2                   | 2.1                   | 657.1               | 595.1 | 502.1 | 347.6 | 198.0 | 142.7 | 0.0                 | 0.0   | 0.0   | 0.5   | 0.2                 | 9.4       | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 86.5      | 63.8      | 75.2 | 3.1                   | 2.4                   | 2.5                   | 624.6               | 562.6 | 469.7 | 316.2 | 172.3 | 121.9 | 0.0                 | 0.0   | 0.1   | 1.6   | 0.3                 | 9.1       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 80.8      | 57.4      | 69.1 | 3.4                   | 2.3                   | 2.5                   | 425.1               | 367.4 | 284.7 | 160.8 | 66.5  | 40.6  | 2.1                 | 4.5   | 11.8  | 37.9  | 0.1                 | 3.5       | 30.0      | 0.0       | 0.0       | 0.0      |
| 10               | 70.4      | 46.4      | 58.4 | 2.7                   | 2.3                   | 2.2                   | 172.7               | 135.5 | 87.9  | 32.4  | 7.9   | 4.2   | 67.3                | 92.1  | 137.5 | 237.0 | 0.0                 | 0.3       | 30.5      | 0.0       | 1.7       | 0.0      |
| 11               | 58.3      | 36.4      | 47.4 | 4.4                   | 4.0                   | 4.0                   | 40.4                | 27.5  | 13.8  | 3.0   | 0.1   | 0.0   | 269.9               | 316.9 | 393.3 | 532.4 | 0.0                 | 0.0       | 23.4      | 0.2       | 10.3      | 0.0      |
| 12               | 48.4      | 29.6      | 39.0 | 4.5                   | 4.3                   | 4.3                   | 9.4                 | 5.7   | 2.4   | 0.1   | 0.0   | 0.0   | 505.3               | 563.7 | 653.3 | 806.0 | 0.0                 | 0.0       | 14.7      | 2.2       | 17.0      | 0.0      |
| Summary          | 68.0      | 45.9      | 57.0 | 3.5                   | 3.3                   | 3.3                   | 3024                | 2618  | 2053  | 1235  | 595   | 399   | 2272                | 2596  | 3127  | 4134  | 0.7                 | 27.3      | 302.5     | 10.1      | 78.4      | 1.0      |

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

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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                  | 4.06   | 11.9                | 7.2     | 2.8     | 1.0     | 3.06                                                                                                                   | 3.80  | 4.78  |
| 02                  | 4.42   | 11.2                | 7.5     | 3.1     | 1.3     | 2.65                                                                                                                   | 3.66  | 5.98  |
| 03                  | 4.83   | 11.8                | 8.4     | 3.3     | 1.2     | 3.15                                                                                                                   | 4.49  | 5.98  |
| 04                  | 4.85   | 11.1                | 8.5     | 3.2     | 1.3     | 3.07                                                                                                                   | 4.91  | 6.18  |
| 05                  | 5.45   | 11.3                | 8.6     | 3.5     | 1.4     | 3.94                                                                                                                   | 4.98  | 6.74  |
| 06                  | 5.08   | 10.4                | 8.0     | 3.5     | 1.6     | 3.25                                                                                                                   | 4.75  | 6.31  |
| 07                  | 4.79   | 9.5                 | 7.0     | 3.3     | 1.4     | 3.07                                                                                                                   | 4.65  | 6.06  |
| 08                  | 4.05   | 8.4                 | 5.9     | 2.7     | 1.5     | 2.29                                                                                                                   | 3.37  | 4.81  |
| 09                  | 4.16   | 7.8                 | 5.4     | 2.8     | 1.3     | 1.68                                                                                                                   | 3.98  | 6.04  |
| 10                  | 3.79   | 8.1                 | 6.1     | 2.3     | 1.2     | 2.33                                                                                                                   | 3.58  | 5.12  |
| 11                  | 3.81   | 9.1                 | 6.4     | 2.8     | 1.0     | 2.50                                                                                                                   | 3.71  | 5.00  |
| 12                  | 4.68   | 11.8                | 8.0     | 3.3     | 1.2     | 3.18                                                                                                                   | 4.52  | 5.93  |
| Summary             | 53.97  | 122.4               | 87.0    | 36.6    | 15.4    | 34.17                                                                                                                  | 50.40 | 68.93 |

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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         | 3.00             | 1.9                    | 1.1 | 0.4 | 0.1  | 0.0   | 2.6                      | 1.0 | 0.4 | 0.0 | 0.40                                                                                              | 1.90 | 5.10 |
| 02         | 2.40             | 1.6                    | 1.2 | 0.3 | 0.0  | 0.0   | 1.5                      | 0.5 | 0.2 | 0.0 | 0.00                                                                                              | 1.00 | 4.00 |
| 03         | 1.00             | 0.6                    | 0.4 | 0.1 | 0.0  | 0.0   | 0.6                      | 0.3 | 0.1 | 0.0 | 0.00                                                                                              | 0.00 | 1.00 |
| 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         | 0.10             | 0.1                    | 0.0 | 0.0 | 0.0  | 0.0   | 0.0                      | 0.0 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 12         | 1.10             | 0.7                    | 0.4 | 0.2 | 0.0  | 0.0   | 0.8                      | 0.2 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.60 |
| Summary    | 7.6              | 4.9                    | 3.1 | 1.0 | 0.1  | 0.0   | 5.5                      | 2.0 | 0.7 | 0.0 | 0.4                                                                                               | 2.9  | 10.7 |

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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                                                  | 83.2 | 120.8 | 289.0 | 526.6 | 792.0 | 979.4 | 1122.0 | 1089.5 | 872.8 | 572.5 | 263.5 | 116.9 |
| 45                                                  | 40.3 | 64.1  | 183.3 | 386.4 | 637.3 | 829.4 | 967.1  | 934.5  | 722.9 | 424.2 | 162.8 | 60.1  |
| 50                                                  | 16.8 | 29.5  | 104.7 | 261.0 | 484.1 | 679.4 | 812.1  | 779.5  | 573.2 | 287.2 | 89.1  | 26.8  |
| 55                                                  | 5.4  | 10.9  | 52.4  | 157.5 | 338.7 | 529.5 | 657.1  | 624.6  | 425.1 | 172.7 | 40.4  | 9.4   |
| 60                                                  | 1.2  | 2.6   | 20.7  | 79.5  | 208.2 | 380.5 | 502.1  | 469.7  | 284.7 | 87.9  | 13.8  | 2.4   |
| Growing Degree Units for Corn (Monthly)             |      |       |       |       |       |       |        |        |       |       |       |       |
| 50/86                                               | 46.3 | 74.3  | 175.9 | 331.9 | 508.4 | 663.2 | 775.0  | 743.0  | 572.8 | 354.3 | 156.9 | 61.2  |
| Growing Degree Units (Accumulated Monthly)          |      |       |       |       |       |       |        |        |       |       |       |       |
| 40                                                  | 83   | 204   | 493   | 1020  | 1812  | 2791  | 3913   | 5002   | 5875  | 6448  | 6711  | 6828  |
| 45                                                  | 40   | 104   | 288   | 674   | 1311  | 2141  | 3108   | 4042   | 4765  | 5189  | 5352  | 5412  |
| 50                                                  | 17   | 46    | 151   | 412   | 896   | 1576  | 2388   | 3167   | 3740  | 4028  | 4117  | 4143  |
| 55                                                  | 5    | 16    | 69    | 226   | 565   | 1094  | 1752   | 2376   | 2801  | 2974  | 3014  | 3024  |
| 60                                                  | 1    | 4     | 24    | 104   | 312   | 693   | 1195   | 1665   | 1949  | 2037  | 2051  | 2053  |
| Growing Degree Units for Corn (Monthly Accumulated) |      |       |       |       |       |       |        |        |       |       |       |       |
| 50/86                                               | 46   | 121   | 296   | 628   | 1137  | 1800  | 2575   | 3318   | 3891  | 4245  | 4402  | 4463  |

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.