

Summary of Monthly Normals  
1991-2020

Current Location: Elev: 755 ft. Lat: 35.6764° N Lon: 84.8547° W  
Station: **SPRING CITY, TN US USC00408540**  
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               | 47.5      | 26.2      | 36.9 | 4.0                   | 4.8                   | 4.3                   | 2.0                 | 0.7   | 0.2   | 0.0   | 0.0   | 0.0   | 564.2               | 624.9 | 717.5 | 872.5 | 0.0                 | 0.0       | 13.6      | 3.1       | 22.1      | 0.3      |
| 02               | 51.7      | 29.2      | 40.5 | 4.4                   | 3.6                   | 3.7                   | 5.0                 | 2.6   | 0.8   | 0.1   | 0.0   | 0.0   | 412.4               | 465.9 | 548.2 | 687.5 | 0.0                 | 0.0       | 16.1      | 1.1       | 18.6      | 0.1      |
| 03               | 60.4      | 35.2      | 47.8 | 4.5                   | 3.3                   | 3.7                   | 32.6                | 21.2  | 10.1  | 1.5   | 0.0   | 0.0   | 255.7               | 306.4 | 388.2 | 534.7 | 0.0                 | 0.0       | 25.9      | 0.0       | 12.4      | 0.0      |
| 04               | 70.6      | 43.5      | 57.0 | 2.9                   | 2.6                   | 2.6                   | 134.9               | 101.2 | 60.2  | 16.9  | 1.4   | 0.2   | 73.5                | 99.7  | 148.7 | 255.4 | 0.0                 | 0.0       | 29.5      | 0.0       | 2.7       | 0.0      |
| 05               | 77.2      | 53.5      | 65.3 | 2.7                   | 3.1                   | 2.6                   | 330.9               | 276.2 | 199.1 | 91.4  | 20.9  | 8.0   | 10.0                | 17.3  | 33.3  | 80.6  | 0.0                 | 0.3       | 31.0      | 0.0       | 0.2       | 0.0      |
| 06               | 83.9      | 62.2      | 73.0 | 2.1                   | 1.8                   | 1.7                   | 541.3               | 481.4 | 391.7 | 244.4 | 112.4 | 70.4  | 0.0                 | 0.0   | 0.3   | 2.9   | 0.1                 | 5.0       | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 86.9      | 66.5      | 76.7 | 2.2                   | 1.8                   | 1.8                   | 672.6               | 610.6 | 517.6 | 362.8 | 210.5 | 153.2 | 0.0                 | 0.0   | 0.0   | 0.1   | 0.2                 | 9.8       | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 86.7      | 65.2      | 75.9 | 2.7                   | 2.2                   | 2.2                   | 649.2               | 587.3 | 494.3 | 339.7 | 189.9 | 135.8 | 0.0                 | 0.0   | 0.1   | 0.3   | 0.3                 | 9.2       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 81.0      | 58.4      | 69.7 | 3.7                   | 2.6                   | 2.7                   | 441.8               | 383.1 | 297.3 | 166.7 | 64.5  | 37.3  | 1.0                 | 2.3   | 6.4   | 25.8  | 0.0                 | 3.5       | 30.0      | 0.0       | 0.0       | 0.0      |
| 10               | 70.8      | 45.5      | 58.2 | 3.1                   | 2.8                   | 2.4                   | 157.6               | 119.2 | 71.7  | 21.6  | 5.3   | 2.8   | 59.9                | 83.6  | 129.0 | 233.9 | 0.0                 | 0.2       | 30.6      | 0.0       | 1.5       | 0.0      |
| 11               | 58.8      | 34.8      | 46.8 | 4.8                   | 3.3                   | 3.6                   | 21.0                | 13.4  | 6.4   | 0.8   | 0.0   | 0.0   | 266.7               | 319.2 | 402.2 | 546.7 | 0.0                 | 0.0       | 26.4      | 0.1       | 13.5      | 0.0      |
| 12               | 50.3      | 29.5      | 39.9 | 4.8                   | 3.8                   | 4.1                   | 6.0                 | 3.4   | 1.0   | 0.0   | 0.0   | 0.0   | 474.0               | 533.4 | 624.0 | 778.1 | 0.0                 | 0.0       | 16.8      | 0.6       | 19.8      | 0.0      |
| Summary          | 68.8      | 45.8      | 57.3 | 3.5                   | 3.0                   | 2.9                   | 2995                | 2600  | 2050  | 1246  | 605   | 408   | 2117                | 2453  | 2998  | 4019  | 0.6                 | 28.0      | 311.9     | 4.9       | 90.8      | 0.4      |

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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                  | 5.71   | 11.5                | 7.8     | 3.9     | 1.4     | 3.59                                                                                                                   | 4.72  | 8.15  |  |
| 02                  | 5.24   | 12.6                | 8.8     | 3.5     | 1.5     | 2.96                                                                                                                   | 3.97  | 6.82  |  |
| 03                  | 5.46   | 10.6                | 8.4     | 3.7     | 1.4     | 3.71                                                                                                                   | 4.94  | 7.07  |  |
| 04                  | 5.60   | 10.1                | 7.7     | 3.7     | 1.7     | 3.26                                                                                                                   | 5.96  | 7.79  |  |
| 05                  | 4.13   | 11.4                | 8.4     | 2.9     | 1.1     | 2.73                                                                                                                   | 3.40  | 4.31  |  |
| 06                  | 5.06   | 11.3                | 8.1     | 3.5     | 1.7     | 3.13                                                                                                                   | 4.82  | 7.05  |  |
| 07                  | 5.61   | 13.1                | 9.0     | 4.1     | 1.9     | 3.51                                                                                                                   | 4.97  | 6.57  |  |
| 08                  | 3.07   | 9.6                 | 6.5     | 2.6     | 0.8     | 2.07                                                                                                                   | 3.32  | 3.86  |  |
| 09                  | 4.77   | 7.9                 | 5.5     | 2.4     | 1.5     | 2.21                                                                                                                   | 4.19  | 6.27  |  |
| 10                  | 3.63   | 8.2                 | 5.6     | 2.3     | 1.4     | 1.44                                                                                                                   | 3.24  | 5.49  |  |
| 11                  | 5.11   | 8.9                 | 6.0     | 3.1     | 2.0     | 3.51                                                                                                                   | 4.67  | 6.55  |  |
| 12                  | 6.01   | 11.9                | 8.3     | 4.7     | 2.2     | 3.52                                                                                                                   | 6.00  | 7.98  |  |
| Summary             | 59.40  | 127.1               | 90.1    | 40.4    | 18.6    | 35.64                                                                                                                  | 54.20 | 77.91 |  |

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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 04/28/2024

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         | 0.40             | 0.5                    | 0.1 | 0.0 | 0.0  | 0.0   |                          |     |     |     | 0.00                                                                                              | 0.00 | 0.50 |
| 02         | 0.70             | 0.5                    | 0.3 | 0.1 | 0.0  | 0.0   |                          |     |     |     | 0.00                                                                                              | 0.00 | 0.50 |
| 03         | 0.10             | 0.1                    | 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   |                          |     |     |     | 0.00                                                                                              | 0.00 | 0.00 |
| 05         | 0.00             | 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   |                          |     |     |     | 0.00                                                                                              | 0.00 | 0.00 |
| 07         | 0.00             | 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   |                          |     |     |     | 0.00                                                                                              | 0.00 | 0.00 |
| 09         | 0.00             | 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   |                          |     |     |     | 0.00                                                                                              | 0.00 | 0.00 |
| 11         | 0.00             | 0.0                    | 0.0 | 0.0 | 0.0  | 0.0   |                          |     |     |     | 0.00                                                                                              | 0.00 | 0.00 |
| 12         | 0.10             | 0.2                    | 0.0 | 0.0 | 0.0  | 0.0   |                          |     |     |     | 0.00                                                                                              | 0.00 | 0.00 |
| Summary    | 1.3              | 1.3                    | 0.4 | 0.1 | 0.0  | 0.0   | 0.0                      | 0.0 | 0.0 | 0.0 | 0.0                                                                                               | 0.0  | 1.0  |

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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                                                  | 80.0 | 106.6 | 272.0 | 514.2 | 785.8 | 991.3 | 1137.6 | 1114.2 | 890.8 | 563.7 | 229.4 | 108.7 |
| 45                                                  | 35.0 | 49.1  | 159.7 | 371.1 | 630.9 | 841.4 | 982.6  | 959.3  | 740.8 | 413.7 | 122.5 | 50.9  |
| 50                                                  | 12.0 | 18.3  | 79.9  | 241.6 | 477.4 | 691.4 | 827.6  | 804.3  | 590.9 | 274.4 | 54.0  | 19.8  |
| 55                                                  | 2.0  | 5.0   | 32.6  | 134.9 | 330.9 | 541.3 | 672.6  | 649.2  | 441.8 | 157.6 | 21.0  | 6.0   |
| 60                                                  | 0.2  | 0.8   | 10.1  | 60.2  | 199.1 | 391.7 | 517.6  | 494.3  | 297.3 | 71.7  | 6.4   | 1.0   |
| Growing Degree Units for Corn (Monthly)             |      |       |       |       |       |       |        |        |       |       |       |       |
| 50/86                                               | 50.3 | 73.3  | 180.6 | 329.3 | 505.5 | 678.4 | 792.2  | 768.2  | 589.4 | 351.5 | 151.0 | 64.5  |
| Growing Degree Units (Accumulated Monthly)          |      |       |       |       |       |       |        |        |       |       |       |       |
| 40                                                  | 80   | 187   | 459   | 973   | 1759  | 2750  | 3887   | 5002   | 5892  | 6456  | 6686  | 6794  |
| 45                                                  | 35   | 84    | 244   | 615   | 1246  | 2087  | 3070   | 4029   | 4770  | 5184  | 5306  | 5357  |
| 50                                                  | 12   | 30    | 110   | 352   | 829   | 1521  | 2348   | 3152   | 3743  | 4018  | 4072  | 4092  |
| 55                                                  | 2    | 7     | 40    | 174   | 505   | 1047  | 1719   | 2368   | 2810  | 2968  | 2989  | 2995  |
| 60                                                  | 0    | 1     | 11    | 71    | 270   | 662   | 1180   | 1674   | 1971  | 2043  | 2049  | 2050  |
| Growing Degree Units for Corn (Monthly Accumulated) |      |       |       |       |       |       |        |        |       |       |       |       |
| 50/86                                               | 50   | 124   | 304   | 634   | 1139  | 1817  | 2610   | 3378   | 3967  | 4319  | 4470  | 4534  |

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