

Summary of Monthly Normals  
1991-2020

Generated on 06/04/2024

Current Location: Elev: 805 ft. Lat: 34.3517° N Lon: 82.9300° W  
Station: **HARTWELL, GA US USC00094133**

| 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               | 52.3      | 32.6      | 42.4 | 3.4                   | 3.7                   | 3.4                   | 9.0                 | 4.7   | 1.4   | 0.1   | 0.0   | 0.0   | 397.9               | 455.6 | 545.3 | 699.1 | 0.0                 | 0.0       | 18.5      | 0.7       | 16.0      | 0.0      |
| 02               | 56.1      | 35.0      | 45.6 | 3.9                   | 3.5                   | 3.5                   | 15.7                | 9.2   | 3.6   | 0.3   | 0.0   | 0.0   | 280.2               | 329.6 | 408.1 | 544.9 | 0.0                 | 0.0       | 20.1      | 0.1       | 11.1      | 0.0      |
| 03               | 64.0      | 41.5      | 52.7 | 4.0                   | 3.5                   | 3.6                   | 78.9                | 55.3  | 29.7  | 7.3   | 0.3   | 0.0   | 148.7               | 187.1 | 254.4 | 387.0 | 0.0                 | 0.0       | 27.9      | 0.0       | 5.0       | 0.0      |
| 04               | 72.3      | 49.4      | 60.8 | 2.5                   | 2.7                   | 2.4                   | 206.4               | 162.0 | 105.7 | 40.0  | 7.8   | 2.7   | 30.9                | 46.5  | 80.2  | 164.5 | 0.0                 | 0.0       | 29.7      | 0.0       | 0.3       | 0.0      |
| 05               | 79.0      | 58.6      | 68.8 | 2.6                   | 2.8                   | 2.5                   | 429.2               | 369.2 | 282.7 | 154.6 | 58.6  | 33.7  | 1.4                 | 3.4   | 10.0  | 36.8  | 0.0                 | 1.0       | 31.0      | 0.0       | 0.0       | 0.0      |
| 06               | 85.8      | 66.4      | 76.1 | 3.2                   | 1.6                   | 2.3                   | 632.9               | 572.9 | 483.1 | 335.0 | 192.5 | 140.4 | 0.0                 | 0.0   | 0.3   | 2.0   | 0.0                 | 7.3       | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 88.9      | 69.9      | 79.4 | 2.6                   | 1.5                   | 1.9                   | 756.3               | 694.3 | 601.3 | 446.4 | 292.1 | 231.1 | 0.0                 | 0.0   | 0.0   | 0.0   | 0.2                 | 14.7      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 87.2      | 69.2      | 78.2 | 2.7                   | 1.6                   | 2.0                   | 719.1               | 657.1 | 564.1 | 409.3 | 255.4 | 195.6 | 0.0                 | 0.0   | 0.0   | 0.1   | 0.1                 | 9.4       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 81.9      | 63.5      | 72.7 | 3.2                   | 2.2                   | 2.5                   | 531.1               | 471.3 | 382.3 | 240.3 | 118.2 | 78.9  | 0.2                 | 0.5   | 1.5   | 9.4   | 0.0                 | 3.4       | 30.0      | 0.0       | 0.0       | 0.0      |
| 10               | 72.0      | 52.1      | 62.1 | 2.6                   | 2.9                   | 2.4                   | 241.4               | 191.7 | 126.6 | 49.5  | 14.1  | 7.6   | 22.8                | 35.1  | 63.0  | 140.9 | 0.0                 | 0.3       | 31.0      | 0.0       | 0.1       | 0.0      |
| 11               | 62.3      | 41.3      | 51.8 | 3.5                   | 3.4                   | 3.3                   | 55.9                | 37.8  | 19.0  | 4.6   | 0.4   | 0.1   | 151.8               | 193.6 | 264.9 | 400.5 | 0.0                 | 0.0       | 27.9      | 0.0       | 3.9       | 0.0      |
| 12               | 54.6      | 35.5      | 45.1 | 4.0                   | 4.2                   | 4.0                   | 16.4                | 10.0  | 4.3   | 0.4   | 0.0   | 0.0   | 324.7               | 380.3 | 467.7 | 618.9 | 0.0                 | 0.0       | 21.6      | 0.2       | 12.2      | 0.0      |
| Summary          | 71.4      | 51.2      | 61.3 | 3.2                   | 2.8                   | 2.8                   | 3692                | 3236  | 2604  | 1688  | 939   | 690   | 1359                | 1632  | 2095  | 3004  | 0.3                 | 36.1      | 329.7     | 1.0       | 48.6      | 0.0      |

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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                  | 4.52   | 10.4                | 7.0     | 3.5     | 1.5     | 3.89                                                                                                                   | 4.43  | 5.16  |
| 02                  | 4.58   | 9.6                 | 6.7     | 3.6     | 1.3     | 3.05                                                                                                                   | 4.19  | 5.55  |
| 03                  | 4.85   | 10.2                | 7.0     | 3.1     | 1.5     | 3.37                                                                                                                   | 4.55  | 6.25  |
| 04                  | 3.48   | 8.5                 | 6.3     | 2.7     | 1.1     | 1.87                                                                                                                   | 3.22  | 4.38  |
| 05                  | 3.78   | 9.2                 | 6.5     | 2.9     | 1.4     | 2.25                                                                                                                   | 2.97  | 5.20  |
| 06                  | 4.72   | 10.1                | 7.1     | 2.5     | 0.8     | 2.39                                                                                                                   | 4.06  | 7.29  |
| 07                  | 4.42   | 9.6                 | 6.4     | 2.7     | 1.2     | 2.97                                                                                                                   | 3.71  | 4.79  |
| 08                  | 4.39   | 10.1                | 6.8     | 2.6     | 1.4     | 2.65                                                                                                                   | 4.49  | 5.98  |
| 09                  | 4.33   | 7.5                 | 5.1     | 2.4     | 1.5     | 1.72                                                                                                                   | 3.25  | 5.49  |
| 10                  | 3.78   | 6.9                 | 4.3     | 2.3     | 1.3     | 2.22                                                                                                                   | 3.85  | 4.66  |
| 11                  | 4.09   | 8.5                 | 5.7     | 2.5     | 1.3     | 2.33                                                                                                                   | 3.59  | 5.46  |
| 12                  | 4.88   | 10.4                | 7.3     | 3.6     | 1.6     | 3.25                                                                                                                   | 4.37  | 5.36  |
| Summary             | 51.82  | 111.0               | 76.2    | 34.4    | 15.9    | 31.96                                                                                                                  | 46.68 | 65.57 |

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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         | 0.40             | 0.5                    | 0.1 | 0.0 | 0.0  | 0.0   | 0.0                      | 0.0 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.10 |
| 02         | 0.20             | 0.2                    | 0.2 | 0.0 | 0.0  | 0.0   | 0.1                      | 0.1 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 03         | 0.20             | 0.1                    | 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             | 0.1                    | 0.1 | 0.1 | 0.0  | 0.0   | 0.1                      | 0.1 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| Summary    | 0.9              | 0.9                    | 0.4 | 0.1 | 0.0  | 0.0   | 0.2                      | 0.2 | 0.0 | 0.0 | 0.0                                                                                               | 0.0  | 0.1  |

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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                                      | 153.8 | 191.1 | 404.5 | 625.8 | 892.8 | 1082.9 | 1221.3 | 1184.1 | 980.9 | 683.7 | 359.8 | 195.3 |
| 45                                      | 76.8  | 102.2 | 269.1 | 477.5 | 737.8 | 932.9  | 1066.3 | 1029.1 | 830.9 | 529.8 | 228.1 | 101.1 |
| 50                                      | 31.2  | 44.7  | 159.0 | 334.5 | 582.9 | 782.9  | 911.3  | 874.1  | 680.9 | 379.8 | 123.9 | 44.7  |
| 55                                      | 9.0   | 15.7  | 78.9  | 206.4 | 429.2 | 632.9  | 756.3  | 719.1  | 531.1 | 241.4 | 55.9  | 16.4  |
| 60                                      | 1.4   | 3.6   | 29.7  | 105.7 | 282.7 | 483.1  | 601.3  | 564.1  | 382.3 | 126.6 | 19.0  | 4.3   |
| Growing Degree Units for Corn (Monthly) |       |       |       |       |       |        |        |        |       |       |       |       |
| 50/86                                   | 82.2  | 112.1 | 235.5 | 376.7 | 583.7 | 749.9  | 851.9  | 831.4  | 667.3 | 410.0 | 201.4 | 102.1 |

| Growing Degree Units (Accumulated Monthly)          |     |     |     |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| 40                                                  | 154 | 345 | 749 | 1375 | 2268 | 3351 | 4572 | 5756 | 6737 | 7421 | 7781 | 7976 |
| 45                                                  | 77  | 179 | 448 | 926  | 1663 | 2596 | 3663 | 4692 | 5523 | 6052 | 6281 | 6382 |
| 50                                                  | 31  | 76  | 235 | 569  | 1152 | 1935 | 2846 | 3721 | 4402 | 4781 | 4905 | 4950 |
| 55                                                  | 9   | 25  | 104 | 310  | 739  | 1372 | 2128 | 2847 | 3379 | 3620 | 3676 | 3692 |
| 60                                                  | 1   | 5   | 35  | 140  | 423  | 906  | 1508 | 2072 | 2454 | 2580 | 2600 | 2604 |
| Growing Degree Units for Corn (Monthly Accumulated) |     |     |     |      |      |      |      |      |      |      |      |      |
| 50/86                                               | 82  | 194 | 430 | 806  | 1390 | 2140 | 2992 | 3823 | 4491 | 4901 | 5102 | 5204 |

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.