

Summary of Monthly Normals  
1991-2020

Generated on 04/29/2024

Current Location: Elev: 1050 ft. Lat: 39.4578° N Lon: 95.7550° W

Station: **HOLTON, KS US USC00143759**

| 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               | 37.2      | 15.2      | 26.2 | 4.7                   | 3.8                   | 4.0                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 892.5               | 954.4 | 1047.4 | 1202.5 | 0.0                 | 0.0       | 7.2       | 10.2      | 29.2      | 3.0      |
| 02               | 43.0      | 19.5      | 31.2 | 6.5                   | 4.8                   | 5.4                   | 2.2                 | 1.4   | 0.7   | 0.1   | 0.0   | 0.0   | 667.2               | 722.3 | 805.5  | 945.0  | 0.0                 | 0.0       | 10.5      | 6.7       | 24.6      | 1.6      |
| 03               | 54.1      | 29.2      | 41.7 | 5.4                   | 4.6                   | 4.7                   | 21.4                | 14.2  | 7.4   | 1.7   | 0.2   | 0.1   | 435.3               | 490.1 | 576.3  | 725.6  | 0.0                 | 0.0       | 20.4      | 1.1       | 18.4      | 0.3      |
| 04               | 64.2      | 40.0      | 52.1 | 3.6                   | 3.4                   | 3.3                   | 77.3                | 56.4  | 32.7  | 9.9   | 1.5   | 0.4   | 164.3               | 203.4 | 269.6  | 396.8  | 0.0                 | 0.2       | 27.0      | 0.1       | 6.9       | 0.0      |
| 05               | 73.7      | 51.3      | 62.5 | 3.6                   | 2.8                   | 3.0                   | 258.4               | 211.3 | 149.4 | 69.9  | 23.6  | 13.6  | 25.9                | 40.9  | 71.9   | 147.4  | 0.0                 | 1.0       | 31.0      | 0.0       | 0.6       | 0.0      |
| 06               | 82.8      | 61.8      | 72.3 | 2.8                   | 2.6                   | 2.5                   | 519.2               | 459.6 | 371.3 | 231.2 | 113.7 | 78.1  | 0.3                 | 0.8   | 2.5    | 12.4   | 0.1                 | 6.5       | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 87.5      | 66.1      | 76.8 | 3.4                   | 2.5                   | 2.7                   | 675.7               | 613.7 | 520.7 | 366.9 | 221.5 | 168.8 | 0.0                 | 0.0   | 0.0    | 1.2    | 1.7                 | 14.0      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 86.3      | 63.7      | 75.0 | 3.4                   | 2.6                   | 2.7                   | 619.9               | 558.0 | 465.3 | 313.8 | 177.4 | 131.6 | 0.0                 | 0.1   | 0.5    | 3.9    | 1.5                 | 11.7      | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 78.7      | 54.8      | 66.8 | 3.6                   | 3.3                   | 3.2                   | 362.2               | 309.0 | 235.7 | 132.7 | 61.5  | 41.5  | 9.8                 | 16.6  | 33.4   | 80.3   | 0.2                 | 4.0       | 29.9      | 0.0       | 0.2       | 0.0      |
| 10               | 66.7      | 41.4      | 54.1 | 3.9                   | 2.5                   | 2.9                   | 107.6               | 81.1  | 50.4  | 19.2  | 5.1   | 2.7   | 137.0               | 172.6 | 234.9  | 358.7  | 0.0                 | 0.3       | 28.9      | 0.1       | 5.5       | 0.0      |
| 11               | 53.0      | 29.7      | 41.3 | 5.8                   | 4.1                   | 4.6                   | 11.8                | 7.4   | 3.6   | 0.7   | 0.0   | 0.0   | 421.3               | 476.9 | 563.1  | 710.2  | 0.0                 | 0.0       | 19.9      | 1.4       | 17.8      | 0.0      |
| 12               | 40.9      | 19.6      | 30.3 | 4.5                   | 4.0                   | 3.9                   | 0.6                 | 0.3   | 0.1   | 0.0   | 0.0   | 0.0   | 767.7               | 829.3 | 922.1  | 1077.1 | 0.0                 | 0.0       | 9.1       | 7.6       | 28.1      | 1.4      |
| Summary          | 64.0      | 41.0      | 52.5 | 4.3                   | 3.4                   | 3.6                   | 2656                | 2312  | 1837  | 1146  | 604   | 437   | 3521                | 3907  | 4527   | 5661   | 3.5                 | 37.7      | 275.9     | 27.2      | 131.3     | 6.3      |

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  
  
Current Location: Elev: 1050 ft. Lat: 39.4578° N Lon: 95.7550° W  
Station: **HOLTON, KS US USC00143759**

**Summary of Monthly Normals**  
**1991-2020**  
Generated on 04/29/2024

National Centers for Environmental Information  
151 Patton Avenue  
Asheville, North Carolina 28801

| 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                  | 0.79   | 4.4                 | 2.6     | 0.4     | 0.1     | 0.37                                                                                                                   | 0.74  | 1.17  |
| 02                  | 1.33   | 4.9                 | 3.0     | 1.0     | 0.2     | 0.51                                                                                                                   | 1.10  | 1.88  |
| 03                  | 2.17   | 7.0                 | 4.9     | 1.5     | 0.5     | 0.93                                                                                                                   | 1.98  | 3.14  |
| 04                  | 3.72   | 9.5                 | 6.9     | 2.4     | 0.9     | 2.31                                                                                                                   | 3.34  | 4.55  |
| 05                  | 4.98   | 11.4                | 7.9     | 3.4     | 1.7     | 2.69                                                                                                                   | 4.37  | 6.15  |
| 06                  | 4.88   | 9.8                 | 7.1     | 3.3     | 1.6     | 3.04                                                                                                                   | 4.75  | 5.94  |
| 07                  | 4.76   | 9.5                 | 6.2     | 3.0     | 1.4     | 2.34                                                                                                                   | 3.96  | 6.77  |
| 08                  | 4.35   | 8.6                 | 5.8     | 2.5     | 1.4     | 2.31                                                                                                                   | 4.34  | 5.44  |
| 09                  | 3.77   | 8.3                 | 5.5     | 2.5     | 1.1     | 2.15                                                                                                                   | 3.06  | 5.30  |
| 10                  | 3.33   | 7.3                 | 5.1     | 2.1     | 0.8     | 1.44                                                                                                                   | 2.37  | 5.39  |
| 11                  | 1.84   | 6.2                 | 3.5     | 1.2     | 0.5     | 0.79                                                                                                                   | 1.25  | 2.16  |
| 12                  | 1.46   | 4.4                 | 2.7     | 0.9     | 0.3     | 0.56                                                                                                                   | 0.94  | 2.04  |
| Summary             | 37.38  | 91.3                | 61.2    | 24.2    | 10.5    | 19.44                                                                                                                  | 32.20 | 49.93 |

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

Summary of Monthly Normals  
1991-2020

Generated on 04/29/2024

Current Location: Elev: 1050 ft. Lat: 39.4578° N Lon: 95.7550° W

Station: **HOLTON, KS US USC00143759**

| 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                                      | 10.7 | 42.4 | 168.9 | 380.4 | 697.5 | 968.8 | 1140.7 | 1084.8 | 802.4 | 446.1 | 140.2 | 24.1 |
| 45                                      | 3.1  | 17.9 | 96.2  | 254.6 | 543.3 | 818.8 | 985.7  | 929.8  | 652.7 | 310.6 | 72.6  | 7.6  |
| 50                                      | 0.7  | 6.5  | 49.0  | 151.4 | 394.3 | 668.9 | 830.7  | 774.8  | 504.6 | 195.1 | 32.2  | 2.3  |
| 55                                      | 0.0  | 2.2  | 21.4  | 77.3  | 258.4 | 519.2 | 675.7  | 619.9  | 362.2 | 107.6 | 11.8  | 0.6  |
| 60                                      | 0.0  | 0.7  | 7.4   | 32.7  | 149.4 | 371.3 | 520.7  | 465.3  | 235.7 | 50.4  | 3.6   | 0.1  |
| Growing Degree Units for Corn (Monthly) |      |      |       |       |       |       |        |        |       |       |       |      |
| 50/86                                   | 15.0 | 40.9 | 124.0 | 224.1 | 422.6 | 651.8 | 774.9  | 725.4  | 515.0 | 283.0 | 94.0  | 23.3 |

| Growing Degree Units (Accumulated Monthly)          |    |    |     |     |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|----|----|-----|-----|------|------|------|------|------|------|------|------|
| 40                                                  | 11 | 53 | 222 | 602 | 1300 | 2269 | 3409 | 4494 | 5297 | 5743 | 5883 | 5907 |
| 45                                                  | 3  | 21 | 117 | 372 | 915  | 1734 | 2720 | 3649 | 4302 | 4613 | 4685 | 4693 |
| 50                                                  | 1  | 7  | 56  | 208 | 602  | 1271 | 2102 | 2876 | 3381 | 3576 | 3608 | 3610 |
| 55                                                  | 0  | 2  | 24  | 101 | 359  | 878  | 1554 | 2174 | 2536 | 2644 | 2656 | 2656 |
| 60                                                  | 0  | 1  | 8   | 41  | 190  | 562  | 1082 | 1548 | 1783 | 1834 | 1837 | 1837 |
| Growing Degree Units for Corn (Monthly Accumulated) |    |    |     |     |      |      |      |      |      |      |      |      |
| 50/86                                               | 15 | 56 | 180 | 404 | 827  | 1478 | 2253 | 2979 | 3494 | 3777 | 3871 | 3894 |

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.