

Summary of Monthly Normals  
1991-2020

Current Location: Elev: 2360 ft. Lat: 34.0250° N Lon: 100.8117° W  
Station: MATADOR, TX US USC00415658  
Generated on 04/29/2024

| 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               | 53.7      | 28.4      | 41.1 | 4.2                   | 2.9                   | 2.9                   | 9.9                 | 5.7   | 2.1   | 0.2   | 0.0   | 0.0   | 442.3               | 500.1 | 589.5 | 742.6 | 0.0                 | 0.0       | 20.6      | 2.2       | 20.4      | 0.0      |
| 02               | 57.5      | 30.3      | 43.9 | 5.1                   | 3.6                   | 4.0                   | 22.0                | 14.0  | 6.3   | 1.4   | 0.2   | 0.0   | 332.7               | 380.7 | 457.0 | 592.0 | 0.0                 | 0.1       | 20.8      | 1.3       | 15.9      | 0.0      |
| 03               | 66.3      | 37.9      | 52.1 | 4.0                   | 3.6                   | 3.5                   | 88.4                | 65.9  | 39.6  | 12.8  | 2.6   | 1.2   | 178.3               | 217.8 | 284.5 | 412.8 | 0.0                 | 0.7       | 27.7      | 0.3       | 7.3       | 0.0      |
| 04               | 74.4      | 45.6      | 60.0 | 3.7                   | 2.8                   | 2.8                   | 205.1               | 165.0 | 112.9 | 49.8  | 16.5  | 9.7   | 55.1                | 75.0  | 112.8 | 199.8 | 0.0                 | 3.3       | 29.2      | 0.0       | 1.7       | 0.0      |
| 05               | 82.3      | 56.0      | 69.1 | 4.7                   | 2.7                   | 3.5                   | 444.9               | 387.4 | 305.5 | 185.3 | 95.5  | 68.9  | 6.2                 | 10.8  | 21.9  | 56.7  | 1.8                 | 9.4       | 30.9      | 0.0       | 0.0       | 0.0      |
| 06               | 90.1      | 64.9      | 77.5 | 4.6                   | 2.5                   | 3.4                   | 675.0               | 615.1 | 525.3 | 376.6 | 235.3 | 183.4 | 0.1                 | 0.2   | 0.4   | 1.8   | 3.7                 | 18.0      | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 93.4      | 69.0      | 81.2 | 3.7                   | 2.3                   | 2.9                   | 812.1               | 750.1 | 657.1 | 502.3 | 349.0 | 289.0 | 0.0                 | 0.0   | 0.0   | 0.2   | 6.6                 | 25.1      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 92.3      | 67.8      | 80.0 | 3.9                   | 2.3                   | 2.9                   | 776.4               | 714.4 | 621.5 | 466.8 | 314.8 | 256.3 | 0.0                 | 0.0   | 0.1   | 0.5   | 5.2                 | 23.1      | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 84.5      | 59.9      | 72.2 | 3.7                   | 2.6                   | 3.0                   | 518.4               | 460.0 | 374.0 | 239.9 | 126.7 | 89.3  | 2.4                 | 4.0   | 8.0   | 23.9  | 0.8                 | 10.8      | 29.9      | 0.0       | 0.0       | 0.0      |
| 10               | 74.9      | 48.7      | 61.8 | 3.4                   | 2.4                   | 2.5                   | 253.7               | 207.3 | 146.6 | 68.3  | 21.5  | 11.2  | 43.0                | 58.5  | 90.8  | 167.5 | 0.1                 | 2.6       | 30.1      | 0.1       | 1.0       | 0.0      |
| 11               | 63.3      | 37.5      | 50.4 | 5.3                   | 3.2                   | 4.0                   | 63.4                | 44.7  | 24.6  | 6.6   | 1.1   | 0.4   | 201.4               | 242.6 | 312.6 | 444.5 | 0.0                 | 0.1       | 25.8      | 0.6       | 7.0       | 0.0      |
| 12               | 54.4      | 30.0      | 42.2 | 3.7                   | 2.5                   | 2.7                   | 12.8                | 7.7   | 3.1   | 0.3   | 0.0   | 0.0   | 409.4               | 466.4 | 554.8 | 706.9 | 0.0                 | 0.0       | 20.6      | 1.7       | 18.2      | 0.0      |
| Summary          | 73.9      | 48.0      | 61.0 | 4.2                   | 2.8                   | 3.2                   | 3882                | 3437  | 2819  | 1910  | 1163  | 909   | 1671                | 1956  | 2432  | 3349  | 18.2                | 93.2      | 327.6     | 6.2       | 71.5      | 0.0      |

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

| 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                  | 0.81   | 3.2                 | 1.7     | 0.5     | 0.1     | 0.04                                                                                                                   | 0.59  | 1.29  |  |
| 02                  | 0.89   | 3.7                 | 2.1     | 0.5     | 0.2     | 0.23                                                                                                                   | 0.57  | 1.24  |  |
| 03                  | 1.45   | 4.7                 | 2.9     | 0.8     | 0.3     | 0.47                                                                                                                   | 0.87  | 2.10  |  |
| 04                  | 1.96   | 4.6                 | 3.0     | 1.3     | 0.6     | 0.30                                                                                                                   | 1.53  | 2.61  |  |
| 05                  | 2.77   | 6.7                 | 4.3     | 1.9     | 0.9     | 0.87                                                                                                                   | 2.29  | 4.23  |  |
| 06                  | 3.44   | 6.8                 | 5.2     | 2.2     | 1.1     | 2.17                                                                                                                   | 3.32  | 4.58  |  |
| 07                  | 2.03   | 5.1                 | 3.8     | 1.4     | 0.6     | 1.11                                                                                                                   | 1.71  | 2.41  |  |
| 08                  | 2.68   | 6.4                 | 4.4     | 1.8     | 0.7     | 1.18                                                                                                                   | 2.42  | 3.63  |  |
| 09                  | 2.99   | 5.9                 | 4.2     | 1.8     | 0.9     | 0.83                                                                                                                   | 1.88  | 4.94  |  |
| 10                  | 1.89   | 4.9                 | 3.4     | 1.2     | 0.5     | 0.79                                                                                                                   | 1.56  | 2.77  |  |
| 11                  | 1.08   | 3.5                 | 2.3     | 0.8     | 0.2     | 0.19                                                                                                                   | 0.58  | 1.53  |  |
| 12                  | 0.99   | 3.3                 | 2.3     | 0.8     | 0.2     | 0.17                                                                                                                   | 0.79  | 1.36  |  |
| Summary             | 22.98  | 58.8                | 39.6    | 15.0    | 6.3     | 8.35                                                                                                                   | 18.11 | 32.69 |  |

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Summary of Monthly Normals  
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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         | 1.40             | 0.9                    | 0.5 | 0.2 | 0.1  | 0.0   | 1.2                      | 0.3 | 0.2 | 0.0 | 0.00                                                                                              | 0.50 | 1.10 |
| 02         | 1.70             | 1.0                    | 0.6 | 0.2 | 0.1  | 0.0   | 0.8                      | 0.3 | 0.1 | 0.0 | 0.00                                                                                              | 0.00 | 2.60 |
| 03         | 0.30             | 0.3                    | 0.2 | 0.0 | 0.0  | 0.0   | 0.4                      | 0.0 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 04         | 0.10             | 0.1                    | 0.1 | 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         | 0.10             | 0.1                    | 0.0 | 0.0 | 0.0  | 0.0   | 0.1                      | 0.0 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 11         | 0.90             | 0.5                    | 0.3 | 0.1 | 0.0  | 0.0   | 0.5                      | 0.1 | 0.1 | 0.0 | 0.00                                                                                              | 0.00 | 1.00 |
| 12         | 2.00             | 1.0                    | 0.8 | 0.2 | 0.1  | 0.0   | 1.1                      | 0.4 | 0.1 | 0.0 | 0.00                                                                                              | 0.90 | 3.20 |
| Summary    | 6.5              | 3.9                    | 2.5 | 0.7 | 0.3  | 0.0   | 4.1                      | 1.1 | 0.5 | 0.0 | 0.0                                                                                               | 1.4  | 7.9  |

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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                                      | 145.3 | 186.6 | 400.2 | 602.3 | 903.7 | 1124.8 | 1277.1 | 1241.3 | 966.0 | 679.2 | 342.2 | 163.7 |
| 45                                      | 73.0  | 108.5 | 273.4 | 458.5 | 749.0 | 974.8  | 1122.1 | 1086.3 | 816.0 | 529.5 | 224.8 | 86.7  |
| 50                                      | 30.1  | 54.6  | 166.9 | 322.9 | 595.4 | 824.9  | 967.1  | 931.4  | 666.5 | 385.4 | 130.6 | 37.7  |
| 55                                      | 9.9   | 22.0  | 88.4  | 205.1 | 444.9 | 675.0  | 812.1  | 776.4  | 518.4 | 253.7 | 63.4  | 12.8  |
| 60                                      | 2.1   | 6.3   | 39.6  | 112.9 | 305.5 | 525.3  | 657.1  | 621.5  | 374.0 | 146.6 | 24.6  | 3.1   |
| Growing Degree Units for Corn (Monthly) |       |       |       |       |       |        |        |        |       |       |       |       |
| 50/86                                   | 118.9 | 147.2 | 272.8 | 383.6 | 569.9 | 741.7  | 843.5  | 820.5  | 630.4 | 425.8 | 224.6 | 123.3 |

| Growing Degree Units (Accumulated Monthly)          |     |     |     |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| 40                                                  | 145 | 332 | 732 | 1334 | 2238 | 3363 | 4640 | 5881 | 6847 | 7526 | 7869 | 8032 |
| 45                                                  | 73  | 182 | 455 | 913  | 1662 | 2637 | 3759 | 4846 | 5662 | 6191 | 6416 | 6503 |
| 50                                                  | 30  | 85  | 252 | 574  | 1170 | 1995 | 2962 | 3893 | 4560 | 4945 | 5076 | 5114 |
| 55                                                  | 10  | 32  | 120 | 325  | 770  | 1445 | 2257 | 3034 | 3552 | 3806 | 3869 | 3882 |
| 60                                                  | 2   | 8   | 48  | 161  | 466  | 992  | 1649 | 2270 | 2644 | 2791 | 2816 | 2819 |
| Growing Degree Units for Corn (Monthly Accumulated) |     |     |     |      |      |      |      |      |      |      |      |      |
| 50/86                                               | 119 | 266 | 539 | 923  | 1492 | 2234 | 3078 | 3898 | 4528 | 4954 | 5179 | 5302 |

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.