

Summary of Monthly Normals  
1991-2020

Generated on 04/29/2024

Current Location: Elev: 85 ft. Lat: 27.7894° N Lon: 97.6619° W  
Station: **ROBSTOWN, TX US USC00417677**

| 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               | 67.5      | 46.9      | 57.2 | 4.5                   | 3.1                   | 3.5                   | 150.9               | 115.3 | 72.8  | 26.8  | 6.3   | 2.7   | 82.3                | 108.8 | 159.4 | 268.5 | 0.0                 | 0.0       | 28.5      | 0.0       | 1.5       | 0.0      |
| 02               | 72.0      | 50.8      | 61.4 | 3.7                   | 3.1                   | 3.1                   | 213.5               | 172.0 | 118.1 | 51.2  | 14.3  | 7.0   | 34.2                | 48.7  | 78.9  | 151.9 | 0.0                 | 0.4       | 26.8      | 0.0       | 0.6       | 0.0      |
| 03               | 77.4      | 57.1      | 67.2 | 3.7                   | 3.7                   | 3.5                   | 391.3               | 334.6 | 253.5 | 135.6 | 52.1  | 30.1  | 11.5                | 16.9  | 28.7  | 65.8  | 0.0                 | 0.9       | 30.7      | 0.0       | 0.1       | 0.0      |
| 04               | 83.0      | 63.7      | 73.3 | 2.3                   | 2.6                   | 2.2                   | 552.0               | 492.9 | 405.1 | 263.0 | 137.1 | 94.8  | 1.5                 | 2.4   | 4.6   | 12.5  | 0.0                 | 2.7       | 30.0      | 0.0       | 0.0       | 0.0      |
| 05               | 88.3      | 70.1      | 79.2 | 2.0                   | 1.8                   | 1.8                   | 750.2               | 688.2 | 595.2 | 440.6 | 288.3 | 229.3 | 0.0                 | 0.0   | 0.0   | 0.4   | 0.1                 | 10.7      | 31.0      | 0.0       | 0.0       | 0.0      |
| 06               | 93.3      | 74.6      | 84.0 | 1.5                   | 1.1                   | 1.1                   | 868.2               | 808.2 | 718.3 | 568.4 | 418.4 | 358.4 | 0.0                 | 0.0   | 0.0   | 0.0   | 0.2                 | 24.3      | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 94.8      | 75.7      | 85.3 | 2.2                   | 0.7                   | 1.3                   | 937.8               | 875.8 | 782.8 | 627.8 | 472.8 | 410.8 | 0.0                 | 0.0   | 0.0   | 0.0   | 0.8                 | 28.0      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 96.3      | 76.0      | 86.2 | 1.6                   | 0.8                   | 1.1                   | 965.3               | 903.3 | 810.4 | 655.5 | 500.5 | 438.5 | 0.0                 | 0.0   | 0.0   | 0.0   | 2.0                 | 28.8      | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 91.9      | 72.4      | 82.1 | 2.3                   | 1.6                   | 1.7                   | 814.4               | 754.4 | 664.4 | 514.7 | 366.0 | 307.4 | 0.0                 | 0.0   | 0.0   | 0.3   | 1.0                 | 20.1      | 30.0      | 0.0       | 0.0       | 0.0      |
| 10               | 85.9      | 64.5      | 75.2 | 1.8                   | 2.0                   | 1.4                   | 627.2               | 565.9 | 474.9 | 327.9 | 194.4 | 146.8 | 1.1                 | 1.8   | 3.8   | 11.8  | 0.0                 | 7.4       | 31.0      | 0.0       | 0.0       | 0.0      |
| 11               | 76.7      | 56.0      | 66.3 | 3.8                   | 3.3                   | 3.4                   | 357.1               | 304.7 | 230.6 | 126.9 | 53.2  | 33.8  | 16.5                | 24.0  | 40.1  | 86.3  | 0.0                 | 0.5       | 29.5      | 0.0       | 0.2       | 0.0      |
| 12               | 69.8      | 48.9      | 59.4 | 2.3                   | 2.8                   | 2.2                   | 195.2               | 156.6 | 108.8 | 48.7  | 14.6  | 7.2   | 60.1                | 83.6  | 128.8 | 223.7 | 0.0                 | 0.0       | 29.4      | 0.0       | 1.1       | 0.0      |
| Summary          | 83.1      | 63.1      | 73.1 | 2.6                   | 2.2                   | 2.2                   | 6823                | 6172  | 5235  | 3787  | 2518  | 2067  | 207                 | 286   | 444   | 821   | 4.1                 | 123.8     | 358.9     | 0.0       | 3.5       | 0.0      |

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

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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                  | 1.54   | 6.9                 | 3.4     | 0.8     | 0.1     | 0.56                                                                                                                   | 1.19  | 2.01  |
| 02                  | 1.50   | 6.6                 | 2.7     | 1.0     | 0.5     | 0.25                                                                                                                   | 0.92  | 2.54  |
| 03                  | 2.15   | 6.7                 | 3.2     | 1.3     | 0.8     | 1.13                                                                                                                   | 1.87  | 2.76  |
| 04                  | 1.70   | 5.7                 | 2.5     | 1.0     | 0.5     | 0.34                                                                                                                   | 1.04  | 2.32  |
| 05                  | 3.31   | 5.1                 | 3.4     | 2.2     | 1.2     | 2.05                                                                                                                   | 3.06  | 4.19  |
| 06                  | 3.03   | 5.2                 | 3.7     | 2.1     | 1.0     | 1.32                                                                                                                   | 2.54  | 4.70  |
| 07                  | 2.75   | 4.9                 | 3.4     | 1.7     | 0.8     | 0.45                                                                                                                   | 1.22  | 3.00  |
| 08                  | 3.02   | 5.4                 | 3.7     | 1.8     | 0.9     | 0.63                                                                                                                   | 1.75  | 4.23  |
| 09                  | 5.02   | 8.6                 | 5.9     | 2.7     | 1.4     | 2.15                                                                                                                   | 4.22  | 7.12  |
| 10                  | 3.27   | 5.5                 | 3.7     | 1.9     | 1.0     | 1.31                                                                                                                   | 2.09  | 4.29  |
| 11                  | 2.14   | 5.5                 | 3.0     | 1.0     | 0.5     | 0.51                                                                                                                   | 1.59  | 3.04  |
| 12                  | 1.67   | 6.0                 | 3.0     | 0.8     | 0.3     | 0.42                                                                                                                   | 1.08  | 2.38  |
| Summary             | 31.10  | 72.1                | 41.6    | 18.3    | 9.0     | 11.12                                                                                                                  | 22.57 | 42.58 |

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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         | 0.00             | 0.0                    | 0.0 | 0.0 | 0.0  | 0.0   | 0.0                      | 0.0 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 02         | 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 |
| 03         | 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 |
| 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         | 0.20             | 0.1                    | 0.0 | 0.0 | 0.0  | 0.0   | 0.1                      | 0.0 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| Summary    | 0.2              | 0.1                    | 0.0 | 0.0 | 0.0  | 0.0   | 0.1                      | 0.0 | 0.0 | 0.0 | 0.0                                                                                               | 0.0  | 0.0  |

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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                                      | 537.1 | 600.2 | 844.9 | 1000.5 | 1215.2 | 1318.4 | 1402.7 | 1430.6 | 1264.5 | 1091.2 | 790.7 | 601.8 |
| 45                                      | 390.9 | 463.5 | 690.5 | 850.5  | 1060.2 | 1168.4 | 1247.7 | 1275.6 | 1114.5 | 936.2  | 641.4 | 453.0 |
| 50                                      | 259.1 | 331.7 | 538.4 | 700.9  | 905.2  | 1018.4 | 1092.8 | 1120.5 | 964.5  | 781.5  | 495.2 | 313.6 |
| 55                                      | 150.9 | 213.5 | 391.3 | 552.0  | 750.2  | 868.2  | 937.8  | 965.3  | 814.4  | 627.2  | 357.1 | 195.2 |
| 60                                      | 72.8  | 118.1 | 253.5 | 405.1  | 595.2  | 718.3  | 782.8  | 810.4  | 664.4  | 474.9  | 230.6 | 108.8 |
| Growing Degree Units for Corn (Monthly) |       |       |       |        |        |        |        |        |        |        |       |       |
| 50/86                                   | 317.2 | 366.8 | 548.0 | 685.9  | 853.1  | 907.6  | 955.8  | 960.4  | 868.3  | 746.4  | 511.2 | 368.4 |

| Growing Degree Units (Accumulated Monthly)          |     |      |      |      |      |      |      |      |      |       |       |       |
|-----------------------------------------------------|-----|------|------|------|------|------|------|------|------|-------|-------|-------|
| 40                                                  | 537 | 1137 | 1982 | 2983 | 4198 | 5516 | 6919 | 8350 | 9614 | 10705 | 11496 | 12098 |
| 45                                                  | 391 | 854  | 1545 | 2395 | 3456 | 4624 | 5872 | 7147 | 8262 | 9198  | 9839  | 10292 |
| 50                                                  | 259 | 591  | 1129 | 1830 | 2735 | 3754 | 4846 | 5967 | 6932 | 7713  | 8208  | 8522  |
| 55                                                  | 151 | 364  | 756  | 1308 | 2058 | 2926 | 3864 | 4829 | 5644 | 6271  | 6628  | 6823  |
| 60                                                  | 73  | 191  | 444  | 850  | 1445 | 2163 | 2946 | 3756 | 4421 | 4896  | 5126  | 5235  |
| Growing Degree Units for Corn (Monthly Accumulated) |     |      |      |      |      |      |      |      |      |       |       |       |
| 50/86                                               | 317 | 684  | 1232 | 1918 | 2771 | 3679 | 4634 | 5595 | 6463 | 7209  | 7721  | 8089  |

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.