

Summary of Monthly Normals  
1991-2020

Generated on 06/04/2024

Current Location: Elev: 2297 ft. Lat: 33.4792° N Lon: 100.8761° W

Station: SPUR, TX US USC00418566

| 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               | 55.5      | 26.6      | 41.0 | 4.0                   | 2.8                   | 2.7                   | 5.1                 | 2.6   | 0.7   | 0.1   | 0.0   | 0.0   | 437.5               | 496.9 | 588.1 | 742.4 | 0.0                 | 0.0       | 21.7      | 1.8       | 24.7      | 0.0      |  |
| 02               | 59.5      | 29.4      | 44.5 | 4.8                   | 3.2                   | 3.6                   | 19.3                | 12.0  | 5.3   | 1.1   | 0.2   | 0.1   | 314.6               | 363.3 | 440.6 | 576.5 | 0.0                 | 0.1       | 21.5      | 1.1       | 18.0      | 0.0      |  |
| 03               | 68.0      | 37.1      | 52.5 | 3.9                   | 3.7                   | 3.3                   | 87.0                | 63.5  | 36.9  | 10.7  | 1.4   | 0.5   | 163.0               | 201.5 | 267.8 | 396.7 | 0.0                 | 0.6       | 28.0      | 0.3       | 9.5       | 0.0      |  |
| 04               | 76.6      | 44.7      | 60.7 | 3.6                   | 3.2                   | 2.9                   | 214.8               | 172.1 | 116.2 | 48.7  | 14.9  | 8.4   | 45.3                | 62.6  | 96.7  | 179.1 | 0.1                 | 3.7       | 29.3      | 0.0       | 2.0       | 0.0      |  |
| 05               | 84.4      | 55.9      | 70.1 | 4.6                   | 2.4                   | 3.2                   | 473.5               | 414.2 | 329.4 | 202.1 | 104.2 | 74.7  | 3.9                 | 6.6   | 14.7  | 42.4  | 1.7                 | 10.9      | 30.9      | 0.0       | 0.1       | 0.0      |  |
| 06               | 91.6      | 64.9      | 78.2 | 4.1                   | 1.9                   | 2.8                   | 697.4               | 637.4 | 547.6 | 398.6 | 254.0 | 199.6 | 0.1                 | 0.1   | 0.3   | 1.2   | 4.3                 | 19.9      | 30.0      | 0.0       | 0.0       | 0.0      |  |
| 07               | 94.9      | 68.0      | 81.5 | 3.7                   | 1.6                   | 2.5                   | 819.9               | 757.9 | 664.9 | 509.9 | 355.5 | 294.7 | 0.0                 | 0.0   | 0.0   | 0.1   | 8.1                 | 26.0      | 31.0      | 0.0       | 0.0       | 0.0      |  |
| 08               | 94.1      | 67.1      | 80.6 | 3.7                   | 1.6                   | 2.5                   | 793.5               | 731.4 | 638.5 | 483.7 | 330.3 | 270.7 | 0.0                 | 0.0   | 0.0   | 0.3   | 7.3                 | 24.6      | 31.0      | 0.0       | 0.0       | 0.0      |  |
| 09               | 86.0      | 59.3      | 72.7 | 3.8                   | 2.6                   | 2.7                   | 531.3               | 472.6 | 386.1 | 249.3 | 132.4 | 93.8  | 1.8                 | 3.1   | 6.7   | 19.8  | 1.0                 | 12.1      | 30.0      | 0.0       | 0.0       | 0.0      |  |
| 10               | 76.8      | 47.4      | 62.1 | 3.3                   | 2.7                   | 2.4                   | 256.1               | 208.1 | 144.1 | 63.3  | 18.1  | 9.5   | 36.0                | 50.0  | 79.0  | 153.2 | 0.1                 | 3.3       | 30.2      | 0.1       | 1.2       | 0.0      |  |
| 11               | 65.0      | 35.9      | 50.4 | 4.7                   | 3.2                   | 3.5                   | 59.7                | 41.0  | 21.4  | 4.9   | 0.6   | 0.2   | 196.2               | 237.4 | 307.9 | 441.3 | 0.0                 | 0.1       | 26.5      | 0.4       | 10.8      | 0.0      |  |
| 12               | 56.0      | 28.0      | 42.0 | 3.6                   | 2.2                   | 2.4                   | 8.6                 | 4.7   | 1.6   | 0.0   | 0.0   | 0.0   | 411.4               | 469.6 | 559.4 | 712.9 | 0.0                 | 0.0       | 22.2      | 1.3       | 22.7      | 0.0      |  |
| Summary          | 75.7      | 47.0      | 61.4 | 4.0                   | 2.6                   | 2.9                   | 3966                | 3517  | 2893  | 1972  | 1212  | 952   | 1610                | 1891  | 2361  | 3266  | 22.6                | 101.3     | 332.3     | 5.0       | 89.0      | 0.0      |  |

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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                  | 0.74   | 2.3                 | 1.7     | 0.6     | 0.2     | 0.01                                                                                                                   | 0.50  | 1.30  |
| 02                  | 0.84   | 3.2                 | 2.0     | 0.5     | 0.1     | 0.22                                                                                                                   | 0.54  | 1.18  |
| 03                  | 1.31   | 3.9                 | 2.4     | 1.1     | 0.3     | 0.35                                                                                                                   | 1.09  | 1.71  |
| 04                  | 1.93   | 4.0                 | 3.0     | 1.2     | 0.5     | 0.35                                                                                                                   | 1.11  | 2.97  |
| 05                  | 2.77   | 5.5                 | 4.4     | 2.1     | 0.8     | 1.45                                                                                                                   | 2.17  | 3.40  |
| 06                  | 3.31   | 6.4                 | 5.3     | 2.4     | 0.9     | 1.26                                                                                                                   | 2.67  | 5.23  |
| 07                  | 2.36   | 4.6                 | 3.7     | 1.5     | 0.7     | 0.84                                                                                                                   | 2.22  | 3.07  |
| 08                  | 2.39   | 5.3                 | 3.9     | 1.6     | 0.6     | 1.28                                                                                                                   | 1.87  | 3.16  |
| 09                  | 2.46   | 5.6                 | 4.3     | 1.8     | 0.9     | 0.81                                                                                                                   | 1.75  | 3.16  |
| 10                  | 2.10   | 4.4                 | 3.4     | 1.1     | 0.4     | 0.92                                                                                                                   | 1.18  | 2.68  |
| 11                  | 1.21   | 3.3                 | 2.0     | 0.7     | 0.4     | 0.12                                                                                                                   | 0.59  | 1.87  |
| 12                  | 1.07   | 2.6                 | 2.0     | 0.7     | 0.3     | 0.24                                                                                                                   | 0.77  | 1.58  |
| Summary             | 22.49  | 51.1                | 38.1    | 15.3    | 6.1     | 7.85                                                                                                                   | 16.46 | 31.31 |

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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             | 0.3                    | 0.2 | 0.0 | 0.0  | 0.0   | 0.4                      | 0.1 | 0.1 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 02         | 1.30             | 0.5                    | 0.3 | 0.2 | 0.1  | 0.0   | 0.7                      | 0.4 | 0.2 | 0.0 | 0.00                                                                                              | 0.00 | 0.60 |
| 03         | 0.00             | 0.0                    | 0.0 | 0.0 | 0.0  | 0.0   | 0.1                      | 0.0 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 04         | 0.10             | 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             | 0.1                    | 0.0 | 0.0 | 0.0  | 0.0   | 0.0                      | 0.0 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 11         | 0.40             | 0.4                    | 0.1 | 0.1 | 0.0  | 0.0   | 0.1                      | 0.1 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 12         | 0.70             | 0.5                    | 0.4 | 0.1 | 0.0  | 0.0   | 0.7                      | 0.2 | 0.1 | 0.0 | 0.00                                                                                              | 0.00 | 0.90 |
| Summary    | 2.9              | 1.8                    | 1.0 | 0.4 | 0.1  | 0.0   | 2.0                      | 0.8 | 0.4 | 0.0 | 0.0                                                                                               | 0.0  | 1.5  |

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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                                      | 133.3 | 188.3 | 409.3 | 622.0 | 934.6 | 1147.3 | 1284.9 | 1258.4 | 979.5 | 687.2 | 338.0 | 150.0 |
| 45                                      | 61.7  | 104.7 | 278.2 | 477.0 | 779.8 | 997.3  | 1129.9 | 1103.4 | 829.5 | 536.1 | 219.9 | 73.8  |
| 50                                      | 22.5  | 50.3  | 168.1 | 338.7 | 625.6 | 847.3  | 974.9  | 948.4  | 679.9 | 390.4 | 126.5 | 28.2  |
| 55                                      | 5.1   | 19.3  | 87.0  | 214.8 | 473.5 | 697.4  | 819.9  | 793.5  | 531.3 | 256.1 | 59.7  | 8.6   |
| 60                                      | 0.7   | 5.3   | 36.9  | 116.2 | 329.4 | 547.6  | 664.9  | 638.5  | 386.1 | 144.1 | 21.4  | 1.6   |
| Growing Degree Units for Corn (Monthly) |       |       |       |       |       |        |        |        |       |       |       |       |
| 50/86                                   | 135.0 | 167.5 | 292.7 | 404.1 | 589.2 | 748.1  | 831.0  | 813.7  | 634.3 | 440.2 | 243.2 | 137.1 |

| Growing Degree Units (Accumulated Monthly)          |     |     |     |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| 40                                                  | 133 | 322 | 731 | 1353 | 2288 | 3435 | 4720 | 5978 | 6958 | 7645 | 7983 | 8133 |
| 45                                                  | 62  | 166 | 445 | 922  | 1701 | 2699 | 3829 | 4932 | 5762 | 6298 | 6518 | 6591 |
| 50                                                  | 22  | 73  | 241 | 580  | 1205 | 2052 | 3027 | 3976 | 4656 | 5046 | 5173 | 5201 |
| 55                                                  | 5   | 24  | 111 | 326  | 800  | 1497 | 2317 | 3110 | 3642 | 3898 | 3958 | 3966 |
| 60                                                  | 1   | 6   | 43  | 159  | 488  | 1036 | 1701 | 2340 | 2726 | 2870 | 2891 | 2893 |
| Growing Degree Units for Corn (Monthly Accumulated) |     |     |     |      |      |      |      |      |      |      |      |      |
| 50/86                                               | 135 | 302 | 595 | 999  | 1588 | 2337 | 3168 | 3981 | 4616 | 5056 | 5299 | 5436 |

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