

Summary of Monthly Normals  
1991-2020

Generated on 04/29/2024

Current Location: Elev: 6575 ft. Lat: 44.8956° N Lon: 110.2342° W

Station: LAMAR RS, WY US USC00485355

| 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               | 26.5      | 1.2       | 13.9 |                       |                       |                       | 0.0                 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 1275.5              | 1337.5 | 1430.5 | 1585.6 | 0.0                 | 0.0       | 0.0       | 21.6      | 31.0      | 13.9     |
| 02               | 31.2      | 4.7       | 18.0 |                       |                       |                       | 0.0                 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 1037.1              | 1093.1 | 1177.2 | 1317.3 | 0.0                 | 0.0       | 0.1       | 16.2      | 27.7      | 12.2     |
| 03               | 40.5      | 12.9      | 26.7 |                       |                       |                       | 0.0                 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 877.4               | 939.4  | 1032.4 | 1187.4 | 0.0                 | 0.0       | 3.9       | 5.9       | 30.0      | 5.5      |
| 04               | 49.9      | 24.0      | 37.0 |                       |                       |                       | 0.5                 | 0.2   | 0.0  | 0.0  | 0.0 | 0.0 | 541.9               | 601.7  | 691.5  | 841.5  | 0.0                 | 0.0       | 11.6      | 1.4       | 26.7      | 1.2      |
| 05               | 60.3      | 32.0      | 46.2 |                       |                       |                       | 4.7                 | 1.4   | 0.2  | 0.0  | 0.0 | 0.0 | 279.3               | 338.0  | 429.7  | 584.4  | 0.0                 | 0.0       | 26.6      | 0.0       | 15.7      | 0.0      |
| 06               | 69.3      | 37.1      | 53.2 |                       |                       |                       | 52.0                | 30.6  | 11.7 | 1.6  | 0.3 | 0.1 | 105.6               | 144.3  | 215.5  | 355.4  | 0.0                 | 0.2       | 29.5      | 0.0       | 4.4       | 0.0      |
| 07               | 81.6      | 41.5      | 61.6 |                       |                       |                       | 211.8               | 157.5 | 86.0 | 14.5 | 0.5 | 0.1 | 9.6                 | 17.1   | 38.5   | 121.7  | 0.0                 | 0.9       | 31.0      | 0.0       | 1.1       | 0.0      |
| 08               | 80.2      | 39.0      | 59.6 |                       |                       |                       | 162.4               | 112.3 | 53.0 | 6.6  | 0.1 | 0.0 | 20.0                | 31.8   | 65.5   | 174.0  | 0.0                 | 1.0       | 31.0      | 0.0       | 2.8       | 0.0      |
| 09               | 70.9      | 33.3      | 52.1 |                       |                       |                       | 50.4                | 29.7  | 9.6  | 0.4  | 0.0 | 0.0 | 137.7               | 176.9  | 246.9  | 387.5  | 0.0                 | 0.2       | 27.6      | 0.0       | 12.0      | 0.0      |
| 10               | 53.9      | 25.5      | 39.7 |                       |                       |                       | 4.6                 | 2.6   | 0.8  | 0.0  | 0.0 | 0.0 | 478.9               | 538.9  | 630.1  | 784.3  | 0.0                 | 0.0       | 20.0      | 1.6       | 25.2      | 1.0      |
| 11               | 37.5      | 13.0      | 25.3 |                       |                       |                       | 0.0                 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 892.4               | 952.4  | 1042.4 | 1192.5 | 0.0                 | 0.0       | 3.8       | 9.5       | 28.8      | 6.2      |
| 12               | 27.0      | 2.9       | 15.0 |                       |                       |                       | 0.0                 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 1240.9              | 1303.0 | 1396.1 | 1551.3 | 0.0                 | 0.0       | 0.1       | 21.8      | 30.7      | 14.0     |
| Summary          | 52.4      | 22.3      | 37.4 | 0.0                   | 0.0                   | 0.0                   | 486                 | 334   | 161  | 23   | 1   | 0   | 6896                | 7474   | 8396   | 10083  | 0.0                 | 2.3       | 185.2     | 78.0      | 236.1     | 54.0     |

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

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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                  | 1.10   |                     |         |         |         |                                                                                                                        |      |      |
| 02                  | 1.09   |                     |         |         |         |                                                                                                                        |      |      |
| 03                  | 1.10   |                     |         |         |         |                                                                                                                        |      |      |
| 04                  | 1.42   |                     |         |         |         |                                                                                                                        |      |      |
| 05                  | 2.22   |                     |         |         |         |                                                                                                                        |      |      |
| 06                  | 2.46   |                     |         |         |         |                                                                                                                        |      |      |
| 07                  | 1.48   |                     |         |         |         |                                                                                                                        |      |      |
| 08                  | 1.31   |                     |         |         |         |                                                                                                                        |      |      |
| 09                  | 1.47   |                     |         |         |         |                                                                                                                        |      |      |
| 10                  | 1.61   |                     |         |         |         |                                                                                                                        |      |      |
| 11                  | 1.49   |                     |         |         |         |                                                                                                                        |      |      |
| 12                  | 1.21   |                     |         |         |         |                                                                                                                        |      |      |
| Summary             | 17.96  | 0.0                 | 0.0     | 0.0     | 0.0     | 0.00                                                                                                                   | 0.00 | 0.00 |

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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                                                  | 0.0 | 0.7 | 5.5 | 57.2 | 208.0 | 398.6 | 667.4 | 607.5 | 370.6 | 111.2 | 9.5  | 0.3  |
| 45                                                  | 0.0 | 0.1 | 0.6 | 16.3 | 94.4  | 257.1 | 512.5 | 453.0 | 240.1 | 50.3  | 1.0  | 0.0  |
| 50                                                  | 0.0 | 0.0 | 0.0 | 2.9  | 28.8  | 136.0 | 359.3 | 302.8 | 129.6 | 16.7  | 0.1  | 0.0  |
| 55                                                  | 0.0 | 0.0 | 0.0 | 0.5  | 4.7   | 52.0  | 211.8 | 162.4 | 50.4  | 4.6   | 0.0  | 0.0  |
| 60                                                  | 0.0 | 0.0 | 0.0 | 0.0  | 0.2   | 11.7  | 86.0  | 53.0  | 9.6   | 0.8   | 0.0  | 0.0  |
| Growing Degree Units for Corn (Monthly)             |     |     |     |      |       |       |       |       |       |       |      |      |
| 50/86                                               | 0.0 | 0.3 | 8.1 | 55.8 | 168.5 | 290.5 | 480.6 | 460.6 | 317.1 | 115.8 | 14.1 | 0.0  |
| Growing Degree Units (Accumulated Monthly)          |     |     |     |      |       |       |       |       |       |       |      |      |
| 40                                                  | 0   | 1   | 6   | 63   | 271   | 670   | 1337  | 1945  | 2316  | 2427  | 2436 | 2436 |
| 45                                                  | 0   | 0   | 1   | 17   | 111   | 368   | 881   | 1334  | 1574  | 1624  | 1625 | 1625 |
| 50                                                  | 0   | 0   | 0   | 3    | 32    | 168   | 527   | 830   | 959   | 976   | 976  | 976  |
| 55                                                  | 0   | 0   | 0   | 0    | 5     | 57    | 269   | 431   | 482   | 486   | 486  | 486  |
| 60                                                  | 0   | 0   | 0   | 0    | 0     | 12    | 98    | 151   | 160   | 161   | 161  | 161  |
| Growing Degree Units for Corn (Monthly Accumulated) |     |     |     |      |       |       |       |       |       |       |      |      |
| 50/86                                               | 0   | 0   | 8   | 64   | 233   | 523   | 1004  | 1464  | 1782  | 1897  | 1911 | 1911 |

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.