

Summary of Monthly Normals  
1991-2020

Generated on 04/28/2024

Current Location: Elev: 3432 ft. Lat: 43.3136° N Lon: 103.8214° W

Station: EDGEMONT, SD US USC00392557

| 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               | 33.6      | 4.3       | 18.9 | 5.9                   | 4.2                   | 4.9                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 1117.5              | 1179.5 | 1272.5 | 1427.5 | 0.0                 | 0.0       | 2.8       | 11.3      | 30.8      | 7.4      |
| 02               | 38.4      | 7.8       | 23.1 | 7.8                   | 7.4                   | 7.5                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 893.0               | 949.0  | 1033.1 | 1173.1 | 0.0                 | 0.0       | 6.4       | 8.5       | 27.4      | 5.4      |
| 03               | 50.3      | 18.0      | 34.2 | 5.9                   | 3.6                   | 4.6                   | 1.6                 | 0.7   | 0.1   | 0.0   | 0.0   | 0.0  | 648.1               | 709.2  | 801.6  | 956.4  | 0.0                 | 0.0       | 17.1      | 3.4       | 26.6      | 1.3      |
| 04               | 59.3      | 27.4      | 43.4 | 3.5                   | 3.0                   | 3.0                   | 13.1                | 7.5   | 2.8   | 0.4   | 0.0   | 0.0  | 362.5               | 417.0  | 502.3  | 649.9  | 0.0                 | 0.1       | 23.5      | 0.9       | 16.3      | 0.0      |
| 05               | 68.7      | 37.9      | 53.3 | 4.5                   | 2.2                   | 3.1                   | 89.9                | 64.4  | 35.6  | 9.4   | 1.1   | 0.4  | 142.6               | 179.2  | 243.3  | 372.1  | 0.0                 | 0.9       | 29.2      | 0.0       | 4.6       | 0.0      |
| 06               | 80.1      | 47.9      | 64.0 | 4.4                   | 2.6                   | 3.2                   | 287.1               | 236.0 | 166.9 | 77.1  | 25.2  | 14.6 | 17.2                | 26.0   | 47.0   | 107.1  | 0.8                 | 5.7       | 29.8      | 0.0       | 0.1       | 0.0      |
| 07               | 88.8      | 54.8      | 71.8 | 3.8                   | 2.7                   | 3.1                   | 521.0               | 459.7 | 369.1 | 226.9 | 109.8 | 74.2 | 0.5                 | 1.1    | 3.5    | 16.3   | 3.5                 | 16.4      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 87.3      | 52.1      | 69.7 | 2.7                   | 2.3                   | 2.3                   | 459.4               | 399.6 | 312.0 | 177.2 | 72.7  | 43.7 | 3.9                 | 6.0    | 11.5   | 31.6   | 2.1                 | 15.3      | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 77.6      | 41.5      | 59.5 | 3.5                   | 2.8                   | 2.8                   | 196.3               | 155.7 | 103.6 | 41.1  | 10.5  | 4.8  | 60.0                | 79.4   | 117.2  | 204.6  | 0.3                 | 6.2       | 29.4      | 0.0       | 2.2       | 0.0      |
| 10               | 61.8      | 27.3      | 44.5 | 5.1                   | 3.5                   | 3.8                   | 22.6                | 14.1  | 6.7   | 1.3   | 0.1   | 0.0  | 346.4               | 400.0  | 485.5  | 635.2  | 0.0                 | 0.2       | 25.9      | 0.9       | 15.8      | 0.3      |
| 11               | 46.9      | 14.8      | 30.8 | 5.7                   | 3.8                   | 4.3                   | 0.3                 | 0.1   | 0.0   | 0.0   | 0.0   | 0.0  | 724.8               | 784.6  | 874.5  | 1024.5 | 0.0                 | 0.0       | 13.5      | 4.5       | 28.3      | 1.7      |
| 12               | 34.8      | 5.4       | 20.1 | 6.0                   | 5.2                   | 5.4                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 1081.6              | 1143.6 | 1236.7 | 1391.8 | 0.0                 | 0.0       | 3.9       | 10.9      | 30.9      | 7.0      |
| Summary          | 60.6      | 28.3      | 44.4 | 4.9                   | 3.6                   | 4.0                   | 1591                | 1338  | 997   | 533   | 219   | 138  | 5398                | 5875   | 6629   | 7990   | 6.7                 | 44.8      | 243.5     | 40.4      | 183.0     | 23.1     |

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

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Station: **EDGEMONT, SD US USC00392557**

Summary of Monthly Normals  
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                  | 0.37   | 4.5                 | 1.4     | 0.0     | 0.0     | 0.19                                                                                                                   | 0.34  | 0.55  |  |
| 02                  | 0.48   | 5.0                 | 1.7     | 0.1     | 0.0     | 0.24                                                                                                                   | 0.50  | 0.64  |  |
| 03                  | 0.95   | 6.1                 | 2.3     | 0.4     | 0.1     | 0.56                                                                                                                   | 0.84  | 1.35  |  |
| 04                  | 1.84   | 8.9                 | 4.7     | 1.0     | 0.2     | 1.10                                                                                                                   | 1.71  | 2.43  |  |
| 05                  | 2.65   | 11.4                | 6.2     | 1.6     | 0.4     | 1.53                                                                                                                   | 2.30  | 3.66  |  |
| 06                  | 2.64   | 10.3                | 6.3     | 1.8     | 0.3     | 1.27                                                                                                                   | 2.17  | 3.33  |  |
| 07                  | 2.21   | 7.9                 | 4.9     | 1.4     | 0.4     | 1.34                                                                                                                   | 2.05  | 3.06  |  |
| 08                  | 1.50   | 7.4                 | 3.4     | 0.8     | 0.2     | 0.99                                                                                                                   | 1.39  | 1.95  |  |
| 09                  | 1.21   | 6.0                 | 2.7     | 0.6     | 0.1     | 0.47                                                                                                                   | 0.94  | 1.37  |  |
| 10                  | 1.26   | 6.7                 | 3.5     | 0.6     | 0.1     | 0.73                                                                                                                   | 1.13  | 1.49  |  |
| 11                  | 0.56   | 4.5                 | 2.0     | 0.1     | 0.0     | 0.35                                                                                                                   | 0.53  | 0.71  |  |
| 12                  | 0.44   | 4.0                 | 1.5     | 0.1     | 0.0     | 0.15                                                                                                                   | 0.36  | 0.62  |  |
| Summary             | 16.11  | 82.7                | 40.6    | 8.5     | 1.8     | 8.92                                                                                                                   | 14.26 | 21.16 |  |

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U.S. Department of Commerce  
National Oceanic & Atmospheric Administration  
National Environmental Satellite, Data, and Information Service

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Summary of Monthly Normals  
1991-2020  
Generated on 04/28/2024

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

| 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         | 5.00             | 3.4                    | 1.7  | 0.5 | 0.1  | 0.0   | 19.7                     | 11.1 | 5.0  | 1.4 | 2.30                                                                                              | 4.50 | 6.40 |
| 02         | 5.60             | 4.0                    | 2.1  | 0.7 | 0.2  | 0.0   | 12.7                     | 7.9  | 4.2  | 1.7 | 2.00                                                                                              | 5.10 | 8.00 |
| 03         | 6.40             | 3.1                    | 2.3  | 0.8 | 0.3  | 0.0   | 7.0                      | 3.8  | 2.1  | 0.3 | 2.90                                                                                              | 4.10 | 8.50 |
| 04         | 4.60             | 2.2                    | 1.6  | 0.5 | 0.2  | 0.0   | 2.4                      | 1.0  | 0.3  | 0.0 | 1.10                                                                                              | 3.10 | 6.90 |
| 05         | 1.00             | 0.3                    | 0.2  | 0.1 | 0.1  | 0.0   | 0.2                      | 0.1  | 0.1  | 0.0 | 0.00                                                                                              | 0.00 | 0.10 |
| 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         | 0.10             | 0.1                    | 0.1  | 0.0 | 0.0  | 0.0   | 0.0                      | 0.0  | 0.0  | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 10         | 2.70             | 1.0                    | 0.8  | 0.4 | 0.1  | 0.0   | 1.5                      | 0.8  | 0.5  | 0.0 | 0.00                                                                                              | 0.00 | 5.30 |
| 11         | 4.70             | 2.7                    | 1.7  | 0.6 | 0.2  | 0.0   | 6.8                      | 3.6  | 1.7  | 0.2 | 1.00                                                                                              | 3.70 | 7.40 |
| 12         | 6.10             | 3.4                    | 2.0  | 0.7 | 0.2  | 0.0   | 13.4                     | 8.1  | 4.8  | 0.8 | 2.30                                                                                              | 6.30 | 9.40 |
| Summary    | 36.2             | 20.2                   | 12.5 | 4.3 | 1.4  | 0.0   | 63.7                     | 36.4 | 18.7 | 4.4 | 11.6                                                                                              | 26.8 | 52.0 |

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Current Location: Elev: 3432 ft. Lat: 43.3136° N Lon: 103.8214° W  
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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                                      | 0.4 | 8.4  | 64.3 | 173.5 | 421.5 | 720.0 | 985.2 | 920.3 | 589.1 | 214.4 | 34.8 | 1.1 |
| 45                                      | 0.0 | 1.8  | 26.1 | 90.3  | 286.9 | 570.9 | 830.2 | 765.5 | 446.5 | 121.6 | 11.3 | 0.1 |
| 50                                      | 0.0 | 0.1  | 8.4  | 39.4  | 173.9 | 424.8 | 675.5 | 611.5 | 313.2 | 59.0  | 2.5  | 0.0 |
| 55                                      | 0.0 | 0.0  | 1.6  | 13.1  | 89.9  | 287.1 | 521.0 | 459.4 | 196.3 | 22.6  | 0.3  | 0.0 |
| 60                                      | 0.0 | 0.0  | 0.1  | 2.8   | 35.6  | 166.9 | 369.1 | 312.0 | 103.6 | 6.7   | 0.0  | 0.0 |
| Growing Degree Units for Corn (Monthly) |     |      |      |       |       |       |       |       |       |       |      |     |
| 50/86                                   | 5.1 | 20.7 | 94.2 | 164.8 | 291.7 | 453.0 | 609.4 | 575.3 | 403.4 | 206.9 | 63.0 | 7.3 |

| Growing Degree Units (Accumulated Monthly)          |   |    |     |     |     |      |      |      |      |      |      |      |
|-----------------------------------------------------|---|----|-----|-----|-----|------|------|------|------|------|------|------|
| 40                                                  | 0 | 9  | 73  | 247 | 668 | 1388 | 2373 | 3294 | 3883 | 4097 | 4132 | 4133 |
| 45                                                  | 0 | 2  | 28  | 118 | 405 | 976  | 1806 | 2572 | 3018 | 3140 | 3151 | 3151 |
| 50                                                  | 0 | 0  | 8   | 48  | 222 | 647  | 1322 | 1934 | 2247 | 2306 | 2308 | 2308 |
| 55                                                  | 0 | 0  | 2   | 15  | 105 | 392  | 913  | 1372 | 1568 | 1591 | 1591 | 1591 |
| 60                                                  | 0 | 0  | 0   | 3   | 38  | 205  | 574  | 886  | 990  | 997  | 997  | 997  |
| Growing Degree Units for Corn (Monthly Accumulated) |   |    |     |     |     |      |      |      |      |      |      |      |
| 50/86                                               | 5 | 26 | 120 | 285 | 576 | 1030 | 1639 | 2214 | 2618 | 2824 | 2888 | 2895 |

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.