

Summary of Monthly Normals  
1991-2020

Generated on 06/03/2024

Current Location: Elev: 5450 ft. Lat: 44.2436° N Lon: 112.2006° W

Station: DUBOIS EXP STN, ID US USC00102707

| 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               | 29.5      | 14.9      | 22.2 | 3.0                   | 3.8                   | 3.3                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 1016.8              | 1078.8 | 1171.8 | 1326.8 | 0.0                 | 0.0       | 0.0       | 20.2      | 30.8      | 2.9      |
| 02               | 33.2      | 17.5      | 25.3 | 3.9                   | 4.4                   | 4.0                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 830.1               | 886.1  | 970.1  | 1110.2 | 0.0                 | 0.0       | 0.3       | 12.7      | 27.4      | 1.5      |
| 03               | 44.4      | 25.6      | 35.0 | 5.3                   | 3.6                   | 4.3                   | 0.5                 | 0.2   | 0.0   | 0.0   | 0.0  | 0.0  | 620.6               | 682.2  | 775.1  | 930.0  | 0.0                 | 0.0       | 8.4       | 3.1       | 25.4      | 0.2      |
| 04               | 56.7      | 32.9      | 44.8 | 3.9                   | 2.6                   | 3.2                   | 8.9                 | 4.7   | 1.6   | 0.1   | 0.0  | 0.0  | 314.8               | 370.7  | 457.6  | 606.1  | 0.0                 | 0.0       | 22.9      | 0.1       | 16.0      | 0.0      |
| 05               | 66.7      | 40.6      | 53.6 | 4.0                   | 2.0                   | 2.8                   | 73.4                | 48.8  | 23.6  | 3.8   | 0.4  | 0.1  | 115.3               | 152.6  | 220.5  | 355.7  | 0.0                 | 0.1       | 29.9      | 0.0       | 5.2       | 0.0      |
| 06               | 76.3      | 47.2      | 61.8 | 4.4                   | 2.1                   | 3.1                   | 225.7               | 178.9 | 117.7 | 45.0  | 10.1 | 4.3  | 23.2                | 36.4   | 65.1   | 142.4  | 0.0                 | 1.4       | 30.0      | 0.0       | 0.8       | 0.0      |
| 07               | 86.7      | 54.7      | 70.7 | 4.3                   | 3.0                   | 3.6                   | 487.4               | 426.6 | 337.2 | 197.4 | 82.4 | 50.3 | 0.9                 | 2.1    | 5.7    | 20.8   | 0.3                 | 10.9      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 85.4      | 53.1      | 69.3 | 2.7                   | 1.9                   | 2.1                   | 443.3               | 382.9 | 294.4 | 157.5 | 54.1 | 29.7 | 1.7                 | 3.3    | 7.8    | 25.7   | 0.1                 | 7.3       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 74.6      | 44.8      | 59.7 | 2.9                   | 2.1                   | 2.3                   | 183.3               | 141.6 | 88.8  | 27.9  | 3.7  | 1.1  | 42.3                | 60.7   | 97.9   | 186.9  | 0.0                 | 0.6       | 29.8      | 0.0       | 1.9       | 0.0      |
| 10               | 58.1      | 34.3      | 46.2 | 3.6                   | 3.3                   | 3.3                   | 20.7                | 11.9  | 4.1   | 0.3   | 0.0  | 0.0  | 293.4               | 346.7  | 431.9  | 583.1  | 0.0                 | 0.0       | 24.8      | 0.5       | 13.8      | 0.0      |
| 11               | 41.0      | 23.9      | 32.4 | 4.6                   | 4.0                   | 4.2                   | 0.1                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 676.5               | 736.5  | 826.5  | 976.5  | 0.0                 | 0.0       | 5.9       | 5.9       | 25.9      | 0.5      |
| 12               | 29.7      | 15.6      | 22.6 | 3.2                   | 3.7                   | 3.4                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 1002.6              | 1064.6 | 1157.6 | 1312.7 | 0.0                 | 0.0       | 0.2       | 19.5      | 30.4      | 2.8      |
| Summary          | 56.9      | 33.8      | 45.3 | 3.8                   | 3.0                   | 3.3                   | 1443                | 1196  | 867   | 432   | 151  | 85   | 4938                | 5421   | 6188   | 7577   | 0.4                 | 20.3      | 214.2     | 62.0      | 177.6     | 7.9      |

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                  | 0.78   | 8.4                 | 2.9     | 0.0     | 0.0     | 0.36                                                                                                                   | 0.77  | 1.03  |  |
| 02                  | 0.64   | 6.8                 | 1.9     | 0.1     | 0.0     | 0.28                                                                                                                   | 0.51  | 0.89  |  |
| 03                  | 0.81   | 6.7                 | 2.6     | 0.2     | 0.0     | 0.48                                                                                                                   | 0.64  | 0.94  |  |
| 04                  | 1.29   | 8.6                 | 4.2     | 0.4     | 0.0     | 0.87                                                                                                                   | 1.21  | 1.65  |  |
| 05                  | 2.04   | 10.6                | 5.6     | 1.0     | 0.1     | 0.92                                                                                                                   | 1.84  | 2.99  |  |
| 06                  | 1.59   | 8.5                 | 4.0     | 0.9     | 0.2     | 0.91                                                                                                                   | 1.71  | 2.11  |  |
| 07                  | 0.68   | 5.5                 | 2.2     | 0.1     | 0.0     | 0.39                                                                                                                   | 0.57  | 0.91  |  |
| 08                  | 0.73   | 5.4                 | 2.5     | 0.2     | 0.0     | 0.34                                                                                                                   | 0.58  | 0.88  |  |
| 09                  | 0.89   | 5.6                 | 2.6     | 0.4     | 0.1     | 0.45                                                                                                                   | 0.76  | 1.18  |  |
| 10                  | 1.09   | 6.6                 | 3.2     | 0.5     | 0.0     | 0.40                                                                                                                   | 0.89  | 1.39  |  |
| 11                  | 0.71   | 6.0                 | 2.2     | 0.2     | 0.0     | 0.27                                                                                                                   | 0.69  | 1.04  |  |
| 12                  | 0.99   | 10.3                | 3.4     | 0.1     | 0.0     | 0.55                                                                                                                   | 1.01  | 1.37  |  |
| Summary             | 12.24  | 89.0                | 37.3    | 4.1     | 0.4     | 6.22                                                                                                                   | 11.18 | 16.38 |  |

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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         | 10.10            | 9.6                    | 4.1  | 1.1 | 0.1  | 0.0   | 30.3                     | 29.6  | 26.0 | 16.6 | 4.40                                                                                              | 9.90  | 14.10 |
| 02         | 7.60             | 7.9                    | 3.4  | 1.0 | 0.1  | 0.0   | 27.0                     | 26.5  | 24.6 | 19.8 | 4.50                                                                                              | 8.20  | 10.40 |
| 03         | 4.50             | 4.0                    | 1.8  | 0.3 | 0.1  | 0.0   | 20.5                     | 19.0  | 17.6 | 12.8 | 1.80                                                                                              | 3.50  | 6.10  |
| 04         | 3.20             | 3.2                    | 1.3  | 0.3 | 0.1  | 0.0   | 2.0                      | 1.2   | 0.9  | 0.6  | 1.20                                                                                              | 2.90  | 4.40  |
| 05         | 0.50             | 0.7                    | 0.4  | 0.0 | 0.0  | 0.0   | 0.1                      | 0.0   | 0.0  | 0.0  | 0.00                                                                                              | 0.00  | 0.60  |
| 06         | 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  |
| 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         | 1.40             | 1.4                    | 0.6  | 0.1 | 0.0  | 0.0   | 0.6                      | 0.1   | 0.0  | 0.0  | 0.00                                                                                              | 0.50  | 1.70  |
| 11         | 6.20             | 5.1                    | 2.6  | 0.5 | 0.2  | 0.0   | 7.4                      | 3.9   | 2.0  | 0.1  | 2.10                                                                                              | 4.50  | 8.70  |
| 12         | 13.70            | 10.6                   | 5.2  | 1.5 | 0.4  | 0.0   | 24.1                     | 19.7  | 16.2 | 4.7  | 9.10                                                                                              | 12.50 | 16.70 |
| Summary    | 47.3             | 42.6                   | 19.5 | 4.8 | 1.0  | 0.0   | 112.0                    | 100.0 | 87.3 | 54.6 | 23.1                                                                                              | 42.0  | 62.7  |

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Current Location: Elev: 5450 ft. Lat: 44.2436° N Lon: 112.2006° 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                                      | 0.0 | 1.0 | 41.5 | 181.9 | 424.7 | 652.6 | 951.5 | 906.6 | 591.6 | 232.8 | 29.9 | 1.0 |
| 45                                      | 0.0 | 0.0 | 13.2 | 89.5  | 281.1 | 503.1 | 796.5 | 751.6 | 445.1 | 128.0 | 9.1  | 0.0 |
| 50                                      | 0.0 | 0.0 | 3.2  | 33.6  | 160.0 | 358.0 | 641.5 | 596.8 | 306.5 | 57.3  | 1.3  | 0.0 |
| 55                                      | 0.0 | 0.0 | 0.5  | 8.9   | 73.4  | 225.7 | 487.4 | 443.3 | 183.3 | 20.7  | 0.1  | 0.0 |
| 60                                      | 0.0 | 0.0 | 0.0  | 1.6   | 23.6  | 117.7 | 337.2 | 294.4 | 88.8  | 4.1   | 0.0  | 0.0 |
| Growing Degree Units for Corn (Monthly) |     |     |      |       |       |       |       |       |       |       |      |     |
| 50/86                                   | 0.0 | 0.3 | 26.1 | 121.0 | 261.9 | 408.3 | 606.7 | 580.3 | 380.1 | 150.0 | 17.7 | 0.2 |

| Growing Degree Units (Accumulated Monthly)          |   |   |    |     |     |      |      |      |      |      |      |      |
|-----------------------------------------------------|---|---|----|-----|-----|------|------|------|------|------|------|------|
| 40                                                  | 0 | 1 | 42 | 224 | 649 | 1302 | 2253 | 3160 | 3751 | 3984 | 4014 | 4015 |
| 45                                                  | 0 | 0 | 13 | 103 | 384 | 887  | 1683 | 2435 | 2880 | 3008 | 3017 | 3017 |
| 50                                                  | 0 | 0 | 3  | 37  | 197 | 555  | 1196 | 1793 | 2100 | 2157 | 2158 | 2158 |
| 55                                                  | 0 | 0 | 0  | 9   | 83  | 308  | 796  | 1239 | 1422 | 1443 | 1443 | 1443 |
| 60                                                  | 0 | 0 | 0  | 2   | 25  | 143  | 480  | 774  | 863  | 867  | 867  | 867  |
| Growing Degree Units for Corn (Monthly Accumulated) |   |   |    |     |     |      |      |      |      |      |      |      |
| 50/86                                               | 0 | 0 | 26 | 147 | 409 | 818  | 1424 | 2005 | 2385 | 2535 | 2552 | 2553 |

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.