

Summary of Monthly Normals  
1991-2020

Generated on 06/05/2023

Current Location: Elev: 1550 ft. Lat: 46.5053° N Lon: -120.1678° W  
Station: **MOXEE CITY 10 E, WA US USC00455688**

| 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               | 37.8      | 24.8      | 31.3 | 4.3                   | 3.8                   | 3.9                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 734.6               | 796.6 | 889.6 | 1044.6 | 0.0                 | 0.0       | 3.4       | 8.6       | 27.4      | 0.2      |
| 02               | 45.0      | 27.2      | 36.1 | 5.0                   | 3.4                   | 3.9                   | 0.1                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 529.2               | 585.2 | 669.2 | 809.2  | 0.0                 | 0.0       | 8.1       | 1.9       | 22.0      | 0.0      |
| 03               | 54.3      | 31.2      | 42.8 | 3.2                   | 2.5                   | 2.6                   | 0.8                 | 0.2   | 0.0   | 0.0   | 0.0  | 0.0  | 380.6               | 442.0 | 534.8 | 689.8  | 0.0                 | 0.0       | 24.0      | 0.1       | 18.9      | 0.0      |
| 04               | 62.3      | 35.7      | 49.0 | 2.5                   | 2.2                   | 2.1                   | 18.4                | 10.5  | 4.2   | 0.5   | 0.0  | 0.0  | 198.4               | 250.5 | 334.1 | 480.5  | 0.0                 | 0.0       | 29.4      | 0.0       | 11.2      | 0.0      |
| 05               | 71.9      | 42.8      | 57.3 | 3.3                   | 2.4                   | 2.6                   | 126.0               | 91.2  | 52.4  | 16.5  | 3.1  | 1.3  | 53.3                | 80.4  | 134.6 | 253.7  | 0.0                 | 0.7       | 31.0      | 0.0       | 3.2       | 0.0      |
| 06               | 78.8      | 48.5      | 63.7 | 3.4                   | 2.2                   | 2.7                   | 265.1               | 212.0 | 141.5 | 60.0  | 19.5 | 11.9 | 5.6                 | 12.5  | 32.0  | 100.5  | 0.2                 | 2.7       | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 88.0      | 54.2      | 71.1 | 3.4                   | 2.4                   | 2.8                   | 499.2               | 437.6 | 346.5 | 207.3 | 98.6 | 67.1 | 0.2                 | 0.6   | 2.4   | 18.4   | 1.4                 | 13.5      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 86.7      | 53.5      | 70.1 | 1.9                   | 1.9                   | 1.8                   | 468.1               | 406.8 | 316.6 | 178.4 | 75.2 | 45.5 | 0.1                 | 0.7   | 3.5   | 20.4   | 0.4                 | 11.0      | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 77.4      | 46.8      | 62.1 | 2.7                   | 2.0                   | 2.0                   | 227.9               | 180.4 | 118.4 | 45.3  | 10.5 | 4.6  | 14.9                | 27.4  | 55.4  | 132.3  | 0.0                 | 1.9       | 30.0      | 0.0       | 0.5       | 0.0      |
| 10               | 62.3      | 37.7      | 50.0 | 2.5                   | 2.9                   | 2.4                   | 30.6                | 18.6  | 7.7   | 1.1   | 0.1  | 0.0  | 185.6               | 235.6 | 317.7 | 466.0  | 0.0                 | 0.0       | 29.5      | 0.0       | 7.7       | 0.0      |
| 11               | 47.2      | 29.7      | 38.4 | 3.1                   | 3.0                   | 2.8                   | 1.0                 | 0.5   | 0.1   | 0.0   | 0.0  | 0.0  | 497.5               | 557.0 | 646.6 | 796.5  | 0.0                 | 0.0       | 12.6      | 1.9       | 20.4      | 0.2      |
| 12               | 36.8      | 24.2      | 30.5 | 3.2                   | 4.1                   | 3.4                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 759.3               | 821.3 | 914.3 | 1069.3 | 0.0                 | 0.0       | 2.6       | 10.0      | 27.8      | 0.6      |
| Summary          | 62.4      | 38.0      | 50.2 | 3.2                   | 2.7                   | 2.8                   | 1637                | 1358  | 987   | 509   | 207  | 130  | 3359                | 3810  | 4534  | 5881   | 2.0                 | 29.8      | 262.6     | 22.5      | 139.1     | 1.0      |

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                  | 0.94   | 6.7                 | 3.5     | 0.1     | 0.0     | 0.39                                                                                                                   | 0.90 | 1.20  |  |
| 02                  | 0.62   | 5.4                 | 2.1     | 0.0     | 0.0     | 0.23                                                                                                                   | 0.50 | 0.94  |  |
| 03                  | 0.61   | 5.0                 | 2.0     | 0.1     | 0.0     | 0.27                                                                                                                   | 0.53 | 0.71  |  |
| 04                  | 0.74   | 4.7                 | 2.3     | 0.2     | 0.1     | 0.40                                                                                                                   | 0.54 | 1.03  |  |
| 05                  | 0.86   | 5.8                 | 2.8     | 0.3     | 0.1     | 0.46                                                                                                                   | 0.81 | 1.15  |  |
| 06                  | 0.63   | 4.0                 | 1.8     | 0.2     | 0.1     | 0.10                                                                                                                   | 0.51 | 0.81  |  |
| 07                  | 0.22   | 1.8                 | 0.7     | 0.0     | 0.0     | 0.00                                                                                                                   | 0.08 | 0.30  |  |
| 08                  | 0.18   | 1.8                 | 0.6     | 0.0     | 0.0     | 0.03                                                                                                                   | 0.10 | 0.23  |  |
| 09                  | 0.29   | 2.6                 | 0.9     | 0.1     | 0.0     | 0.04                                                                                                                   | 0.17 | 0.48  |  |
| 10                  | 0.83   | 6.1                 | 2.6     | 0.1     | 0.0     | 0.46                                                                                                                   | 0.71 | 1.00  |  |
| 11                  | 0.84   | 6.8                 | 3.2     | 0.2     | 0.1     | 0.47                                                                                                                   | 0.77 | 1.13  |  |
| 12                  | 1.08   | 7.9                 | 4.0     | 0.2     | 0.0     | 0.52                                                                                                                   | 0.77 | 1.74  |  |
| Summary             | 7.84   | 58.6                | 26.5    | 1.5     | 0.4     | 3.37                                                                                                                   | 6.39 | 10.72 |  |

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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         | 3.20             | 2.3                    | 1.6 | 0.3 | 0.0  | 0.0   | 8.7                      | 4.7  | 3.3 | 0.9 | 0.00                                                                                              | 1.50 | 6.30 |
| 02         | 1.20             | 0.7                    | 0.6 | 0.1 | 0.0  | 0.0   | 2.3                      | 1.7  | 0.8 | 0.0 | 0.00                                                                                              | 0.30 | 1.90 |
| 03         | 0.40             | 0.3                    | 0.3 | 0.0 | 0.0  | 0.0   | 0.3                      | 0.2  | 0.1 | 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         | 1.70             | 0.7                    | 0.7 | 0.2 | 0.1  | 0.0   | 1.2                      | 0.7  | 0.5 | 0.0 | 0.00                                                                                              | 0.00 | 2.00 |
| 12         | 3.40             | 2.9                    | 2.0 | 0.2 | 0.0  | 0.0   | 7.2                      | 3.8  | 2.5 | 0.2 | 1.20                                                                                              | 2.70 | 3.90 |
| Summary    | 9.9              | 6.9                    | 5.2 | 0.8 | 0.1  | 0.0   | 19.7                     | 11.1 | 7.2 | 1.1 | 1.2                                                                                               | 4.5  | 14.1 |

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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                                      | 10.2 | 26.7 | 123.6 | 273.8 | 537.7 | 709.6 | 963.8 | 932.9 | 662.8 | 318.2 | 66.6 | 12.0 |
| 45                                      | 1.3  | 5.7  | 42.4  | 146.8 | 384.6 | 559.6 | 808.7 | 777.9 | 512.9 | 184.3 | 21.7 | 2.5  |
| 50                                      | 0.0  | 0.9  | 9.3   | 61.6  | 242.7 | 409.7 | 654.1 | 623.1 | 365.5 | 85.7  | 4.8  | 0.3  |
| 55                                      | 0.0  | 0.1  | 0.8   | 18.4  | 126.0 | 265.1 | 499.2 | 468.1 | 227.9 | 30.6  | 1.0  | 0.0  |
| 60                                      | 0.0  | 0.0  | 0.0   | 4.2   | 52.4  | 141.5 | 346.5 | 316.6 | 118.4 | 7.7   | 0.1  | 0.0  |
| Growing Degree Units for Corn (Monthly) |      |      |       |       |       |       |       |       |       |       |      |      |
| 50/86                                   | 4.1  | 15.4 | 85.7  | 186.1 | 345.1 | 447.6 | 602.8 | 588.8 | 422.1 | 197.3 | 32.1 | 4.0  |

| Growing Degree Units (Accumulated Monthly)          |    |    |     |     |     |      |      |      |      |      |      |      |
|-----------------------------------------------------|----|----|-----|-----|-----|------|------|------|------|------|------|------|
| 40                                                  | 10 | 37 | 160 | 434 | 972 | 1682 | 2645 | 3578 | 4241 | 4559 | 4626 | 4638 |
| 45                                                  | 1  | 7  | 49  | 196 | 581 | 1140 | 1949 | 2727 | 3240 | 3424 | 3446 | 3448 |
| 50                                                  | 0  | 1  | 10  | 72  | 314 | 724  | 1378 | 2001 | 2367 | 2453 | 2457 | 2458 |
| 55                                                  | 0  | 0  | 1   | 19  | 145 | 410  | 910  | 1378 | 1606 | 1636 | 1637 | 1637 |
| 60                                                  | 0  | 0  | 0   | 4   | 57  | 198  | 545  | 861  | 980  | 987  | 987  | 987  |
| Growing Degree Units for Corn (Monthly Accumulated) |    |    |     |     |     |      |      |      |      |      |      |      |
| 50/86                                               | 4  | 20 | 105 | 291 | 636 | 1084 | 1687 | 2276 | 2698 | 2895 | 2927 | 2931 |

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.