

Summary of Monthly Normals  
1991-2020

Generated on 04/29/2024

Current Location: Elev: 1476 ft. Lat: 46.8167° N Lon: 117.8831° W

Station: LACROSSE, WA US USC00454338

| 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               | 38.8      | 25.8      | 32.3 | 4.5                   | 4.6                   | 4.5                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 703.7               | 765.7 | 858.7 | 1013.7 | 0.0                 | 0.0       | 4.7       | 6.8       | 23.7      | 1.0      |
| 02               | 44.8      | 26.9      | 35.8 | 4.7                   | 3.9                   | 4.1                   | 0.2                 | 0.1   | 0.0   | 0.0   | 0.0  | 0.0  | 536.4               | 592.2 | 676.1 | 816.2  | 0.0                 | 0.0       | 9.5       | 2.4       | 20.7      | 0.5      |
| 03               | 53.7      | 30.8      | 42.3 | 3.7                   | 2.5                   | 2.8                   | 1.5                 | 0.5   | 0.0   | 0.0   | 0.0  | 0.0  | 396.8               | 457.7 | 550.3 | 705.3  | 0.0                 | 0.0       | 22.6      | 0.4       | 18.8      | 0.0      |
| 04               | 61.9      | 35.5      | 48.7 | 2.8                   | 2.3                   | 2.2                   | 17.6                | 10.0  | 3.7   | 0.4   | 0.0  | 0.0  | 206.6               | 259.0 | 342.7 | 489.4  | 0.0                 | 0.0       | 29.1      | 0.0       | 10.7      | 0.0      |
| 05               | 71.5      | 41.9      | 56.7 | 3.4                   | 2.1                   | 2.4                   | 110.4               | 77.9  | 42.5  | 11.6  | 1.7  | 0.7  | 57.8                | 87.3  | 144.9 | 268.9  | 0.0                 | 0.9       | 31.0      | 0.0       | 3.6       | 0.0      |
| 06               | 79.4      | 47.7      | 63.6 | 3.5                   | 1.5                   | 2.4                   | 262.5               | 208.7 | 138.6 | 58.0  | 18.7 | 11.4 | 6.0                 | 12.2  | 32.0  | 101.5  | 0.5                 | 4.2       | 30.0      | 0.0       | 0.4       | 0.0      |
| 07               | 90.0      | 52.5      | 71.3 | 4.0                   | 2.5                   | 2.9                   | 503.8               | 442.0 | 350.4 | 209.8 | 99.9 | 68.1 | 0.1                 | 0.4   | 1.8   | 16.1   | 4.2                 | 17.4      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 88.8      | 51.8      | 70.3 | 2.5                   | 2.3                   | 2.0                   | 474.8               | 413.7 | 323.7 | 185.6 | 80.4 | 51.8 | 0.5                 | 1.4   | 4.5   | 21.4   | 2.9                 | 16.4      | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 78.5      | 44.0      | 61.2 | 3.2                   | 2.5                   | 2.2                   | 209.8               | 164.0 | 105.6 | 39.9  | 9.8  | 4.7  | 22.3                | 36.6  | 68.2  | 152.4  | 0.2                 | 4.2       | 30.0      | 0.0       | 1.8       | 0.0      |
| 10               | 62.7      | 35.8      | 49.3 | 3.1                   | 3.3                   | 2.8                   | 29.3                | 17.3  | 6.7   | 0.7   | 0.1  | 0.0  | 207.5               | 257.5 | 339.9 | 489.0  | 0.0                 | 0.1       | 29.2      | 0.0       | 11.3      | 0.0      |
| 11               | 47.3      | 29.8      | 38.6 | 3.6                   | 4.2                   | 3.6                   | 1.5                 | 0.8   | 0.2   | 0.0   | 0.0  | 0.0  | 495.0               | 554.2 | 643.7 | 793.5  | 0.0                 | 0.0       | 13.0      | 1.5       | 18.3      | 0.1      |
| 12               | 37.9      | 24.5      | 31.2 | 3.2                   | 4.6                   | 3.7                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 737.7               | 799.6 | 892.6 | 1047.7 | 0.0                 | 0.0       | 2.9       | 7.9       | 25.5      | 0.8      |
| Summary          | 62.9      | 37.3      | 50.1 | 3.5                   | 3.0                   | 3.0                   | 1611                | 1335  | 971   | 506   | 211  | 137  | 3370                | 3824  | 4555  | 5915   | 7.8                 | 43.2      | 264.0     | 19.0      | 134.8     | 2.4      |

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                  | 1.96   | 14.0                | 6.4     | 0.6     | 0.0     | 1.36                                                                                                                   | 2.02  | 2.31  |  |
| 02                  | 1.34   | 11.4                | 5.2     | 0.3     | 0.0     | 0.86                                                                                                                   | 1.26  | 1.72  |  |
| 03                  | 1.66   | 11.9                | 5.5     | 0.5     | 0.0     | 0.84                                                                                                                   | 1.51  | 2.43  |  |
| 04                  | 1.30   | 9.1                 | 4.5     | 0.4     | 0.0     | 0.76                                                                                                                   | 1.22  | 1.56  |  |
| 05                  | 1.26   | 7.9                 | 3.8     | 0.6     | 0.1     | 0.62                                                                                                                   | 1.02  | 1.71  |  |
| 06                  | 0.96   | 6.3                 | 3.0     | 0.3     | 0.0     | 0.54                                                                                                                   | 0.80  | 1.16  |  |
| 07                  | 0.31   | 2.9                 | 0.9     | 0.1     | 0.0     | 0.06                                                                                                                   | 0.26  | 0.51  |  |
| 08                  | 0.32   | 2.7                 | 1.0     | 0.0     | 0.0     | 0.02                                                                                                                   | 0.16  | 0.52  |  |
| 09                  | 0.50   | 3.6                 | 1.5     | 0.2     | 0.0     | 0.07                                                                                                                   | 0.37  | 0.79  |  |
| 10                  | 1.12   | 8.3                 | 3.6     | 0.3     | 0.1     | 0.55                                                                                                                   | 0.94  | 1.45  |  |
| 11                  | 1.96   | 13.2                | 6.8     | 0.7     | 0.1     | 1.39                                                                                                                   | 1.78  | 2.57  |  |
| 12                  | 2.37   | 14.6                | 7.7     | 0.9     | 0.1     | 1.68                                                                                                                   | 2.27  | 2.85  |  |
| Summary             | 15.06  | 105.9               | 49.9    | 4.9     | 0.4     | 8.75                                                                                                                   | 13.61 | 19.58 |  |

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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         | 4.10             | 4.4                    | 2.2 | 0.8 | 0.2  | 0.0   | 8.4                      | 6.2  | 4.2 | 0.5 | 0.00                                                                                              | 3.00 | 5.60 |
| 02         | 2.20             | 1.7                    | 0.9 | 0.3 | 0.0  | 0.0   | 3.1                      | 2.5  | 1.3 | 0.3 | 0.00                                                                                              | 1.00 | 2.40 |
| 03         | 0.80             | 1.1                    | 0.3 | 0.0 | 0.0  | 0.0   | 0.4                      | 0.2  | 0.0 | 0.0 | 0.00                                                                                              | 0.20 | 0.80 |
| 04         | 0.10             | 0.2                    | 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         | 1.80             | 1.2                    | 0.6 | 0.2 | 0.0  | 0.0   | 1.2                      | 0.5  | 0.4 | 0.1 | 0.00                                                                                              | 0.00 | 2.30 |
| 12         | 8.10             | 5.3                    | 2.9 | 0.6 | 0.2  | 0.0   | 7.6                      | 4.1  | 2.1 | 0.8 | 3.00                                                                                              | 5.30 | 9.90 |
| Summary    | 17.1             | 14.0                   | 6.9 | 1.9 | 0.4  | 0.0   | 20.7                     | 13.5 | 8.0 | 1.7 | 3.0                                                                                               | 9.5  | 21.0 |

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Station: LACROSSE, WA US USC00454338

| 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                                      | 22.5 | 34.7 | 123.2 | 266.1 | 517.7 | 706.6 | 968.4 | 939.1 | 637.5 | 301.6 | 77.2 | 19.4 |
| 45                                      | 4.2  | 8.5  | 45.7  | 141.8 | 364.5 | 556.6 | 813.4 | 784.1 | 488.3 | 174.4 | 28.3 | 4.5  |
| 50                                      | 0.4  | 1.4  | 10.7  | 58.7  | 223.0 | 407.2 | 658.5 | 629.2 | 342.7 | 81.7  | 8.5  | 0.6  |
| 55                                      | 0.0  | 0.2  | 1.5   | 17.6  | 110.4 | 262.5 | 503.8 | 474.8 | 209.8 | 29.3  | 1.5  | 0.0  |
| 60                                      | 0.0  | 0.0  | 0.0   | 3.7   | 42.5  | 138.6 | 350.4 | 323.7 | 105.6 | 6.7   | 0.2  | 0.0  |
| Growing Degree Units for Corn (Monthly) |      |      |       |       |       |       |       |       |       |       |      |      |
| 50/86                                   | 5.4  | 17.0 | 83.1  | 180.6 | 335.4 | 446.1 | 595.9 | 583.9 | 423.3 | 204.6 | 34.4 | 4.9  |

| Growing Degree Units (Accumulated Monthly)          |    |    |     |     |     |      |      |      |      |      |      |      |
|-----------------------------------------------------|----|----|-----|-----|-----|------|------|------|------|------|------|------|
| 40                                                  | 22 | 57 | 180 | 446 | 964 | 1671 | 2639 | 3578 | 4216 | 4517 | 4595 | 4614 |
| 45                                                  | 4  | 13 | 58  | 200 | 565 | 1121 | 1935 | 2719 | 3207 | 3382 | 3410 | 3414 |
| 50                                                  | 0  | 2  | 12  | 71  | 294 | 701  | 1360 | 1989 | 2332 | 2414 | 2422 | 2423 |
| 55                                                  | 0  | 0  | 2   | 19  | 130 | 392  | 896  | 1371 | 1581 | 1610 | 1611 | 1611 |
| 60                                                  | 0  | 0  | 0   | 4   | 46  | 185  | 535  | 859  | 965  | 971  | 971  | 971  |
| Growing Degree Units for Corn (Monthly Accumulated) |    |    |     |     |     |      |      |      |      |      |      |      |
| 50/86                                               | 5  | 22 | 106 | 286 | 622 | 1068 | 1664 | 2247 | 2671 | 2875 | 2910 | 2915 |

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

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