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

**Summary of Monthly Normals**
**1981-2010**
Generated on 02/28/2018

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

Current Location: Elev: 5750 ft. Lat: 40.5411° N Lon: -121.5767° W
Station: **MANZANITA LAKE, CA US USC00045311**

**Temperature (°F)**

| Month | Mean | | | | | | Cooling Degree Days Base (above) | | | | | | Heating Degree Days Base (above) | | | | Mean Number of Days | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 42.4 | 21.4 | 31.9 | 3.8 | 3.1 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 716 | 778 | 871 | 1026 | 0.0 | 0.0 | 7.0 | 3.6 | 29.5 | 0.2 |
| 02 | 43.1 | 21.5 | 32.3 | 4.3 | 3.0 | 3.2 | 0 | 0 | 0 | 0 | 0 | 0 | 636 | 692 | 776 | 916 | 0.0 | 0.0 | 6.5 | 2.8 | 26.3 | 0.3 |
| 03 | 47.1 | 24.5 | 35.8 | 4.0 | 3.1 | 3.3 | -7777 | 0 | 0 | 0 | 0 | 0 | 595 | 657 | 750 | 905 | 0.0 | 0.0 | 11.7 | 0.9 | 27.4 | 0.0 |
| 04 | 52.2 | 27.8 | 40.0 | 5.1 | 2.7 | 3.8 | 2 | 1 | -7777 | 0 | 0 | 0 | 451 | 511 | 600 | 750 | 0.0 | 0.0 | 16.6 | 0.3 | 22.1 | 0.0 |
| 05 | 61.7 | 34.5 | 48.1 | 5.1 | 2.6 | 3.7 | 31 | 20 | 8 | 1 | -7777 | -7777 | 245 | 295 | 376 | 525 | 0.0 | 0.0 | 26.0 | 0.0 | 12.4 | 0.0 |
| 06 | 70.5 | 40.7 | 55.6 | 3.5 | 2.0 | 2.5 | 99 | 68 | 35 | 7 | 1 | -7777 | 81 | 110 | 167 | 289 | 0.0 | 0.1 | 29.1 | 0.0 | 2.7 | 0.0 |
| 07 | 78.8 | 45.3 | 62.1 | 3.6 | 2.6 | 3.0 | 233 | 180 | 112 | 37 | 7 | 3 | 14 | 24 | 49 | 128 | 0.0 | 1.0 | 31.0 | 0.0 | 0.3 | 0.0 |
| 08 | 78.4 | 43.9 | 61.1 | 2.4 | 2.1 | 2.0 | 204 | 153 | 90 | 27 | 4 | 1 | 13 | 25 | 54 | 147 | 0.0 | 1.1 | 31.0 | 0.0 | 0.4 | 0.0 |
| 09 | 72.3 | 39.6 | 56.0 | 3.8 | 2.8 | 3.2 | 104 | 72 | 36 | 6 | 1 | -7777 | 76 | 104 | 158 | 278 | 0.0 | 0.2 | 29.4 | -7777 | 3.0 | 0.0 |
| 10 | 60.8 | 33.2 | 47.0 | 4.5 | 2.4 | 3.3 | 18 | 10 | 4 | -7777 | -7777 | 0 | 266 | 320 | 407 | 558 | 0.0 | 0.0 | 25.8 | 0.1 | 13.1 | 0.0 |
| 11 | 47.0 | 26.1 | 36.5 | 4.0 | 2.9 | 3.3 | -7777 | -7777 | -7777 | 0 | 0 | 0 | 554 | 613 | 703 | 853 | 0.0 | 0.0 | 11.3 | 1.2 | 24.2 | 0.0 |
| 12 | 41.4 | 21.5 | 31.5 | 3.7 | 3.0 | 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 730 | 792 | 885 | 1040 | 0.0 | 0.0 | 5.6 | 4.5 | 29.1 | 0.3 |
| Summary | 58.0 | 31.7 | 44.8 | 4.0 | 2.7 | 3.1 | 691 | 504 | 285 | 78 | 13 | 4 | 4377 | 4921 | 5796 | 7415 | 0.0 | 2.4 | 231.0 | 13.4 | 190.5 | 0.8 |

-7777: a non-zero value that would round to zero

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

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Current Location: Elev: 5750 ft. Lat: 40.5411° N Lon: -121.5767° W
Station: **MANZANITA LAKE, CA US USC00045311**

| | Precipitation (in.) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | **Totals** | **Mean Number of Days** | | | | **Precipitation Probabilities** **Probability that precipitation will be equal to or less than the indicated amount** | | |
| | **Means** | **Daily Precipitation** | | | | **Monthly Precipitation vs. Probability Levels** | | |
| **Month** | **Mean** | **>= 0.01** | **>= 0.10** | **>= 0.50** | **>= 1.00** | **0.25** | **0.50** | **0.75** |
| 01 | 5.91 | 12.9 | 9.9 | 4.0 | 1.4 | 2.97 | 4.91 | 8.65 |
| 02 | 5.23 | 11.5 | 8.9 | 3.8 | 1.3 | 2.80 | 4.20 | 6.92 |
| 03 | 5.10 | 12.1 | 10.1 | 4.1 | 1.1 | 2.93 | 4.37 | 6.67 |
| 04 | 3.72 | 10.2 | 7.5 | 2.4 | 0.7 | 2.33 | 2.90 | 4.63 |
| 05 | 3.19 | 7.8 | 6.0 | 2.0 | 0.7 | 1.21 | 2.10 | 4.35 |
| 06 | 1.30 | 4.4 | 3.2 | 1.1 | 0.2 | 0.23 | 1.09 | 2.38 |
| 07 | 0.45 | 1.3 | 0.9 | 0.3 | -7777 | 0.00 | 0.12 | 0.56 |
| 08 | 0.39 | 1.5 | 0.8 | 0.2 | 0.1 | 0.00 | 0.04 | 0.68 |
| 09 | 1.17 | 3.0 | 2.0 | 0.9 | 0.3 | 0.03 | 0.79 | 1.47 |
| 10 | 3.04 | 5.9 | 4.3 | 1.9 | 0.9 | 0.87 | 2.87 | 4.13 |
| 11 | 5.43 | 11.0 | 8.9 | 3.6 | 1.4 | 2.62 | 4.69 | 7.22 |
| 12 | 6.22 | 12.7 | 9.4 | 3.9 | 1.5 | 3.85 | 5.42 | 8.86 |
| Summary | 41.15 | 94.3 | 71.9 | 28.2 | 9.6 | 19.84 | 33.50 | 56.52 |

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Station: **MANZANITA LAKE, CA US USC00045311**

| | | Snow (in.) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Totals** | **Mean Number of Days** | | | | | | | | | | **Snow Probabilities** Probability that snow will be equal to or less than the indicated amount | | |
| | **Means** | **Snowfall >= Thresholds** | | | | | **Snow Depth >= Thresholds** | | | | **Monthly Snow vs. Probability Levels** Values derived from the incomplete gamma distribution. | | |
| **Month** | **Snowfall Mean** | **0.01** | **1.0** | **3.0** | **5.00** | **10.00** | **1** | **3** | **5** | **10** | **.25** | **.50** | **.75** |
| 01 | 33.1 | 9.4 | 8.3 | 4.5 | 2.5 | 0.5 | 29.4 | 27.5 | 26.4 | 22.7 | 20.0 | 32.0 | 45.0 |
| 02 | 34.9 | 9.2 | 8.5 | 4.9 | 2.7 | 0.5 | 27.1 | 26.5 | 26.0 | 24.0 | 9.5 | 24.0 | 58.5 |
| 03 | 33.9 | 8.6 | 8.3 | 4.9 | 2.7 | 0.4 | 27.4 | 26.3 | 25.3 | 21.6 | 18.0 | 28.0 | 46.5 |
| 04 | 20.8 | 6.1 | 5.8 | 3.0 | 1.4 | 0.4 | 15.5 | 13.2 | 11.1 | 8.9 | 5.0 | 14.8 | 29.5 |
| 05 | 6.3 | 1.9 | 1.7 | 0.8 | 0.5 | 0.1 | 3.3 | 2.2 | 1.6 | 0.9 | 0.0 | 3.0 | 10.5 |
| 06 | 0.8 | 0.4 | 0.4 | 0.1 | 0.0 | 0.0 | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 |
| 07 | -7777 | -7777 | -7777 | 0.0 | 0.0 | 0.0 | -7777 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 08 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 09 | 0.1 | 0.1 | 0.1 | -7777 | -7777 | 0.0 | -7777 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10 | 3.9 | 1.1 | 1.1 | 0.5 | 0.2 | -7777 | 1.8 | 1.0 | 0.6 | 0.1 | 0.0 | 0.0 | 9.0 |
| 11 | 11.8 | 5.4 | 4.8 | 2.8 | 1.7 | 0.3 | 12.0 | 8.6 | 6.2 | 3.0 | 5.5 | 11.0 | 18.0 |
| 12 | 31.7 | 8.9 | 8.0 | 4.5 | 2.8 | 0.5 | 27.5 | 24.2 | 21.2 | 15.6 | 15.0 | 26.4 | 46.5 |
| Summary | 177.3 | 51.1 | 47.0 | 26.0 | 14.5 | 2.7 | 144.4 | 129.7 | 118.4 | 96.8 | 73.0 | 139.2 | 264.0 |

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Current Location: Elev: 5750 ft. Lat: 40.5411° N Lon: -121.5767° W
Station: **MANZANITA LAKE, CA US USC00045311**

| **Growing Degree Units (Monthly)** | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Base** | **Jan** | **Feb** | **Mar** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** |
| 40 | 10 | 13 | 34 | 97 | 270 | 470 | 684 | 656 | 480 | 241 | 45 | 9 |
| 45 | 1 | 1 | 7 | 39 | 158 | 327 | 529 | 501 | 338 | 130 | 12 | 1 |
| 50 | 0 | -7777 | -7777 | 11 | 78 | 199 | 377 | 348 | 208 | 56 | 2 | -7777 |
| 55 | 0 | 0 | -7777 | 2 | 31 | 99 | 233 | 204 | 104 | 18 | -7777 | 0 |
| 60 | 0 | 0 | 0 | -7777 | 8 | 35 | 112 | 90 | 36 | 4 | -7777 | 0 |
| **Growing Degree Units for Corn (Monthly)** | | | | | | | | | | | | |
| 50/86 | 17 | 18 | 37 | 85 | 195 | 310 | 450 | 442 | 336 | 183 | 39 | 13 |

| **Growing Degree Units (Accumulated Monthly)** | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Base** | **Jan** | **Feb** | **Mar** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** |
| 40 | 10 | 23 | 57 | 154 | 424 | 894 | 1578 | 2234 | 2714 | 2955 | 3000 | 3009 |
| 45 | 1 | 2 | 9 | 48 | 206 | 533 | 1062 | 1563 | 1901 | 2031 | 2043 | 2044 |
| 50 | 0 | 0 | 0 | 11 | 89 | 288 | 665 | 1013 | 1221 | 1277 | 1279 | 1279 |
| 55 | 0 | 0 | 0 | 2 | 33 | 132 | 365 | 569 | 673 | 691 | 691 | 691 |
| 60 | 0 | 0 | 0 | 0 | 8 | 43 | 155 | 245 | 281 | 285 | 285 | 285 |
| **Growing Degree Units for Corn (Monthly Accumulated)** | | | | | | | | | | | | |
| 50/86 | 17 | 35 | 72 | 157 | 352 | 662 | 1112 | 1554 | 1890 | 2073 | 2112 | 2125 |

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

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