

Summary of Monthly Normals  
1991-2020

Generated on 04/29/2024

Current Location: Elev: 120 ft. Lat: 37.0564° N Lon: 120.8667° W  
Station: LOS BANOS, CA US USC00045118

| 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               | 55.6      | 39.3      | 47.5 | 3.3                   | 3.2                   | 2.3                   | 3.4                 | 1.1   | 0.0   | 0.0   | 0.0   | 0.0   | 237.5               | 297.1 | 389.1 | 544.0 | 0.0                 | 0.0       | 26.8      | 0.0       | 5.7       | 0.0      |
| 02               | 61.7      | 42.5      | 52.1 | 2.9                   | 2.7                   | 2.1                   | 23.3                | 11.3  | 2.9   | 0.0   | 0.0   | 0.0   | 104.5               | 148.5 | 224.1 | 361.2 | 0.0                 | 0.0       | 27.7      | 0.0       | 1.4       | 0.0      |
| 03               | 67.7      | 46.1      | 56.9 | 3.7                   | 2.2                   | 2.8                   | 103.4               | 68.2  | 30.9  | 3.6   | 0.0   | 0.0   | 44.6                | 71.3  | 127.1 | 254.7 | 0.0                 | 0.0       | 30.9      | 0.0       | 0.0       | 0.0      |
| 04               | 73.3      | 49.4      | 61.3 | 3.2                   | 2.4                   | 2.6                   | 203.3               | 156.1 | 97.2  | 35.0  | 8.9   | 4.2   | 12.8                | 25.6  | 56.7  | 144.4 | 0.0                 | 1.2       | 30.0      | 0.0       | 0.1       | 0.0      |
| 05               | 81.2      | 55.2      | 68.2 | 4.2                   | 2.5                   | 3.2                   | 410.1               | 349.7 | 263.1 | 140.6 | 60.9  | 40.4  | 0.9                 | 2.5   | 8.9   | 41.4  | 0.5                 | 6.5       | 31.0      | 0.0       | 0.0       | 0.0      |
| 06               | 88.9      | 60.4      | 74.6 | 3.0                   | 1.7                   | 2.2                   | 589.5               | 529.6 | 440.0 | 293.7 | 166.0 | 123.9 | 0.0                 | 0.1   | 0.5   | 4.3   | 3.1                 | 15.9      | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 94.6      | 63.8      | 79.2 | 2.2                   | 1.9                   | 1.9                   | 750.2               | 688.2 | 595.2 | 440.2 | 287.1 | 228.6 | 0.0                 | 0.0   | 0.0   | 0.1   | 7.5                 | 26.5      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 93.9      | 62.8      | 78.3 | 2.1                   | 1.9                   | 1.9                   | 723.9               | 661.9 | 568.9 | 413.9 | 261.1 | 203.4 | 0.0                 | 0.0   | 0.0   | 0.0   | 6.4                 | 25.3      | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 89.6      | 60.1      | 74.9 | 1.9                   | 1.9                   | 1.7                   | 595.4               | 535.5 | 445.7 | 299.1 | 164.9 | 119.6 | 0.0                 | 0.0   | 0.3   | 3.6   | 2.3                 | 17.6      | 30.0      | 0.0       | 0.0       | 0.0      |
| 10               | 79.2      | 52.7      | 66.0 | 2.9                   | 2.2                   | 2.4                   | 341.6               | 282.9 | 200.1 | 90.8  | 31.7  | 19.5  | 2.2                 | 5.5   | 15.7  | 61.3  | 0.1                 | 4.1       | 31.0      | 0.0       | 0.0       | 0.0      |
| 11               | 65.5      | 44.3      | 54.9 | 3.1                   | 2.4                   | 2.5                   | 70.4                | 44.6  | 19.3  | 2.6   | 0.1   | 0.0   | 73.4                | 107.6 | 172.3 | 305.6 | 0.0                 | 0.0       | 29.8      | 0.0       | 1.2       | 0.0      |
| 12               | 55.8      | 38.4      | 47.1 | 2.5                   | 3.1                   | 2.2                   | 3.7                 | 1.2   | 0.1   | 0.0   | 0.0   | 0.0   | 248.5               | 308.0 | 399.9 | 554.8 | 0.0                 | 0.0       | 28.0      | 0.0       | 7.1       | 0.0      |
| Summary          | 75.6      | 51.2      | 63.4 | 2.9                   | 2.3                   | 2.3                   | 3818                | 3330  | 2663  | 1719  | 981   | 740   | 724                 | 966   | 1395  | 2275  | 19.9                | 97.1      | 357.2     | 0.0       | 15.5      | 0.0      |

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                  | 2.07   | 8.9                 | 5.3     | 1.1     | 0.1     | 0.85                                                                                                                   | 1.60 | 2.89  |  |
| 02                  | 1.83   | 8.3                 | 5.0     | 1.1     | 0.1     | 0.73                                                                                                                   | 1.51 | 2.70  |  |
| 03                  | 1.34   | 7.4                 | 3.7     | 0.6     | 0.0     | 0.45                                                                                                                   | 1.40 | 2.05  |  |
| 04                  | 0.65   | 4.4                 | 2.3     | 0.2     | 0.0     | 0.18                                                                                                                   | 0.61 | 0.84  |  |
| 05                  | 0.46   | 2.3                 | 1.1     | 0.2     | 0.1     | 0.03                                                                                                                   | 0.17 | 0.61  |  |
| 06                  | 0.08   | 0.7                 | 0.3     | 0.0     | 0.0     | 0.00                                                                                                                   | 0.00 | 0.06  |  |
| 07                  | 0.02   | 0.1                 | 0.0     | 0.0     | 0.0     | 0.00                                                                                                                   | 0.00 | 0.00  |  |
| 08                  | 0.01   | 0.2                 | 0.1     | 0.0     | 0.0     | 0.00                                                                                                                   | 0.00 | 0.00  |  |
| 09                  | 0.05   | 0.4                 | 0.1     | 0.0     | 0.0     | 0.00                                                                                                                   | 0.00 | 0.06  |  |
| 10                  | 0.46   | 2.0                 | 1.0     | 0.3     | 0.1     | 0.03                                                                                                                   | 0.18 | 0.53  |  |
| 11                  | 0.85   | 4.6                 | 2.5     | 0.4     | 0.0     | 0.35                                                                                                                   | 0.60 | 1.21  |  |
| 12                  | 1.66   | 7.7                 | 4.5     | 0.8     | 0.1     | 0.71                                                                                                                   | 1.23 | 2.33  |  |
| Summary             | 9.48   | 47.0                | 25.9    | 4.7     | 0.5     | 3.33                                                                                                                   | 7.30 | 13.28 |  |

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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         | 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 |
| 02         | 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 |
| 03         | 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 |
| 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         | 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 |
| 12         | 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 |
| Summary    | 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  |

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Current Location: Elev: 120 ft. Lat: 37.0564° N Lon: 120.8667° W  
Station: **LOS BANOS, CA US USC00045118**

| 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                                      | 235.1 | 339.1 | 523.9 | 640.5 | 874.2 | 1039.5 | 1215.2 | 1188.9 | 1045.4 | 804.5 | 447.1 | 224.8 |
| 45                                      | 106.2 | 203.3 | 369.5 | 490.5 | 719.2 | 889.5  | 1060.2 | 1033.9 | 895.4  | 649.5 | 299.6 | 98.1  |
| 50                                      | 28.4  | 90.8  | 222.3 | 341.5 | 564.2 | 739.5  | 905.2  | 878.9  | 745.4  | 494.5 | 167.0 | 27.3  |
| 55                                      | 3.4   | 23.3  | 103.4 | 203.3 | 410.1 | 589.5  | 750.2  | 723.9  | 595.4  | 341.6 | 70.4  | 3.7   |
| 60                                      | 0.0   | 2.9   | 30.9  | 97.2  | 263.1 | 440.0  | 595.2  | 568.9  | 445.7  | 200.1 | 19.3  | 0.1   |
| Growing Degree Units for Corn (Monthly) |       |       |       |       |       |        |        |        |        |       |       |       |
| 50/86                                   | 99.4  | 167.5 | 283.5 | 375.2 | 544.8 | 664.7  | 767.6  | 751.7  | 669.3  | 494.9 | 240.1 | 99.9  |

| Growing Degree Units (Accumulated Monthly)          |     |     |      |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 40                                                  | 235 | 574 | 1098 | 1739 | 2613 | 3652 | 4868 | 6056 | 7102 | 7906 | 8353 | 8578 |
| 45                                                  | 106 | 310 | 679  | 1170 | 1889 | 2778 | 3838 | 4872 | 5768 | 6417 | 6717 | 6815 |
| 50                                                  | 28  | 119 | 342  | 683  | 1247 | 1987 | 2892 | 3771 | 4516 | 5011 | 5178 | 5205 |
| 55                                                  | 3   | 27  | 130  | 333  | 744  | 1333 | 2083 | 2807 | 3402 | 3744 | 3814 | 3818 |
| 60                                                  | 0   | 3   | 34   | 131  | 394  | 834  | 1429 | 1998 | 2444 | 2644 | 2663 | 2663 |
| Growing Degree Units for Corn (Monthly Accumulated) |     |     |      |      |      |      |      |      |      |      |      |      |
| 50/86                                               | 99  | 267 | 550  | 926  | 1470 | 2135 | 2903 | 3654 | 4324 | 4819 | 5059 | 5159 |

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.