

Summary of Monthly Normals  
1991-2020

Generated on 06/03/2024

Current Location: Elev: 513 ft. Lat: 36.3817° N Lon: 119.0264° W  
Station: LEMON COVE, CA US USC00044890

| 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               | 59.5      | 38.3      | 48.9 | 3.1                   | 2.5                   | 2.1                   | 8.1                 | 3.0   | 0.4   | 0.0   | 0.0   | 0.0   | 197.2               | 254.1 | 344.5 | 499.1 | 0.0                 | 0.0       | 28.2      | 0.0       | 6.0       | 0.0      |
| 02               | 65.1      | 41.4      | 53.2 | 3.1                   | 2.5                   | 2.3                   | 37.6                | 20.7  | 6.7   | 0.5   | 0.0   | 0.0   | 86.6                | 125.7 | 195.7 | 329.5 | 0.0                 | 0.0       | 27.7      | 0.0       | 1.2       | 0.0      |
| 03               | 71.2      | 44.7      | 58.0 | 4.0                   | 2.5                   | 3.0                   | 130.6               | 91.5  | 47.2  | 9.6   | 0.6   | 0.1   | 39.1                | 62.1  | 110.8 | 228.2 | 0.0                 | 0.3       | 31.0      | 0.0       | 0.4       | 0.0      |
| 04               | 77.2      | 47.4      | 62.3 | 3.5                   | 2.1                   | 2.6                   | 232.7               | 184.4 | 122.0 | 49.2  | 13.0  | 6.5   | 13.6                | 25.3  | 52.9  | 130.1 | 0.0                 | 2.8       | 30.0      | 0.0       | 0.1       | 0.0      |
| 05               | 85.7      | 53.5      | 69.6 | 4.3                   | 2.7                   | 3.3                   | 453.7               | 393.8 | 307.6 | 179.9 | 85.5  | 58.6  | 1.1                 | 3.2   | 10.1  | 37.3  | 1.6                 | 10.6      | 31.0      | 0.0       | 0.0       | 0.0      |
| 06               | 94.3      | 59.4      | 76.9 | 2.8                   | 2.0                   | 2.2                   | 655.5               | 595.7 | 506.1 | 359.2 | 223.0 | 173.9 | 0.1                 | 0.2   | 0.6   | 3.7   | 7.7                 | 22.2      | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 100.1     | 64.9      | 82.5 | 2.2                   | 2.2                   | 2.1                   | 852.4               | 790.4 | 697.4 | 542.4 | 387.7 | 326.2 | 0.0                 | 0.0   | 0.0   | 0.0   | 16.5                | 30.4      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 99.3      | 63.1      | 81.2 | 1.6                   | 1.9                   | 1.6                   | 812.2               | 750.2 | 657.2 | 502.2 | 347.8 | 286.5 | 0.0                 | 0.0   | 0.0   | 0.0   | 14.7                | 29.9      | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 93.9      | 58.7      | 76.3 | 2.0                   | 1.9                   | 1.7                   | 639.0               | 578.9 | 489.1 | 342.0 | 205.2 | 156.3 | 0.0                 | 0.0   | 0.2   | 3.1   | 6.2                 | 22.2      | 30.0      | 0.0       | 0.0       | 0.0      |
| 10               | 82.9      | 51.0      | 67.0 | 2.9                   | 2.5                   | 2.4                   | 372.6               | 313.4 | 229.4 | 113.4 | 42.5  | 26.8  | 2.2                 | 5.0   | 13.9  | 53.0  | 0.3                 | 6.3       | 31.0      | 0.0       | 0.0       | 0.0      |
| 11               | 68.7      | 42.7      | 55.7 | 3.4                   | 2.4                   | 2.7                   | 85.3                | 56.7  | 27.1  | 5.0   | 0.5   | 0.1   | 64.3                | 95.6  | 156.0 | 283.9 | 0.0                 | 0.0       | 29.9      | 0.0       | 1.2       | 0.0      |
| 12               | 59.2      | 37.3      | 48.2 | 2.5                   | 3.2                   | 2.2                   | 7.5                 | 3.2   | 0.7   | 0.0   | 0.0   | 0.0   | 216.7               | 274.3 | 364.8 | 519.1 | 0.0                 | 0.0       | 28.7      | 0.0       | 7.4       | 0.0      |
| Summary          | 79.8      | 50.2      | 65.0 | 2.9                   | 2.4                   | 2.4                   | 4287                | 3782  | 3091  | 2103  | 1306  | 1035  | 621                 | 846   | 1250  | 2087  | 47.0                | 124.7     | 359.5     | 0.0       | 16.3      | 0.0      |

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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                  | 2.68   | 8.5                 | 6.1     | 1.9     | 0.5     | 1.18                                                                                                                   | 1.97  | 4.16  |  |
| 02                  | 2.33   | 8.4                 | 5.7     | 1.6     | 0.2     | 0.93                                                                                                                   | 2.10  | 3.52  |  |
| 03                  | 2.48   | 7.5                 | 4.8     | 1.7     | 0.6     | 0.95                                                                                                                   | 1.78  | 3.04  |  |
| 04                  | 1.42   | 4.9                 | 3.0     | 1.0     | 0.3     | 0.53                                                                                                                   | 0.92  | 1.98  |  |
| 05                  | 0.62   | 2.9                 | 1.5     | 0.4     | 0.0     | 0.06                                                                                                                   | 0.38  | 0.74  |  |
| 06                  | 0.15   | 0.5                 | 0.3     | 0.1     | 0.0     | 0.00                                                                                                                   | 0.00  | 0.05  |  |
| 07                  | 0.02   | 0.3                 | 0.0     | 0.0     | 0.0     | 0.00                                                                                                                   | 0.00  | 0.00  |  |
| 08                  | 0.00   | 0.1                 | 0.0     | 0.0     | 0.0     | 0.00                                                                                                                   | 0.00  | 0.00  |  |
| 09                  | 0.06   | 0.7                 | 0.2     | 0.0     | 0.0     | 0.00                                                                                                                   | 0.00  | 0.05  |  |
| 10                  | 0.67   | 2.5                 | 1.4     | 0.5     | 0.1     | 0.06                                                                                                                   | 0.31  | 1.18  |  |
| 11                  | 1.33   | 4.7                 | 2.9     | 0.9     | 0.2     | 0.38                                                                                                                   | 1.10  | 2.16  |  |
| 12                  | 2.29   | 7.3                 | 4.7     | 1.6     | 0.4     | 1.12                                                                                                                   | 2.17  | 3.04  |  |
| Summary             | 14.05  | 48.3                | 30.6    | 9.7     | 2.3     | 5.21                                                                                                                   | 10.73 | 19.92 |  |

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

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Station: **LEMON COVE, CA US USC00044890**

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1991-2020  
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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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| 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                                      | 278.0 | 371.0 | 556.4 | 669.0 | 917.6 | 1105.5 | 1317.4 | 1277.2 | 1089.0 | 835.4 | 471.1 | 258.5 |
| 45                                      | 140.7 | 234.3 | 402.1 | 519.1 | 762.6 | 955.5  | 1162.4 | 1122.2 | 939.0  | 680.4 | 323.3 | 123.5 |
| 50                                      | 47.7  | 115.9 | 255.0 | 370.7 | 607.6 | 805.5  | 1007.4 | 967.2  | 789.0  | 525.5 | 188.7 | 39.1  |
| 55                                      | 8.1   | 37.6  | 130.6 | 232.7 | 453.7 | 655.5  | 852.4  | 812.2  | 639.0  | 372.6 | 85.3  | 7.5   |
| 60                                      | 0.4   | 6.7   | 47.2  | 122.0 | 307.6 | 506.1  | 697.4  | 657.2  | 489.1  | 229.4 | 27.1  | 0.7   |
| Growing Degree Units for Corn (Monthly) |       |       |       |       |       |        |        |        |        |       |       |       |
| 50/86                                   | 153.1 | 213.7 | 332.6 | 415.1 | 568.7 | 671.9  | 788.6  | 760.8  | 663.0  | 520.9 | 283.8 | 147.4 |

| Growing Degree Units (Accumulated Monthly)          |     |     |      |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 40                                                  | 278 | 649 | 1205 | 1874 | 2792 | 3898 | 5215 | 6492 | 7581 | 8416 | 8888 | 9146 |
| 45                                                  | 141 | 375 | 777  | 1296 | 2059 | 3014 | 4177 | 5299 | 6238 | 6918 | 7242 | 7365 |
| 50                                                  | 48  | 164 | 419  | 789  | 1397 | 2202 | 3210 | 4177 | 4966 | 5492 | 5680 | 5719 |
| 55                                                  | 8   | 46  | 176  | 409  | 863  | 1518 | 2371 | 3183 | 3822 | 4194 | 4280 | 4287 |
| 60                                                  | 0   | 7   | 54   | 176  | 484  | 990  | 1687 | 2345 | 2834 | 3063 | 3090 | 3091 |
| Growing Degree Units for Corn (Monthly Accumulated) |     |     |      |      |      |      |      |      |      |      |      |      |
| 50/86                                               | 153 | 367 | 699  | 1114 | 1683 | 2355 | 3144 | 3904 | 4568 | 5088 | 5372 | 5520 |

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.