

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU  
**LOCAL CLIMATOLOGICAL DATA**

LAS VEGAS, NEVADA  
 McCARRAN FIELD  
 JULY, 1961

Latitude 36° 05' N. Longitude 115° 10' W. Elevation (ground) 2162 ft Pacific Standard time used

| Date  | Temperature (°F) |         |         | Precipitation         |                        | Snow, Sleet, or Ice on ground at 4:00 AM (In.) | Wind                           |                   | Sunshine             |                          | Sky cover    |                           | Thunderstorm or distant lightning | Weather restricting visibility to 1/4 mile or less | Solar Radiation Gm/Cal on 2 | Date |                     |                            |                               |    |    |    |    |      |
|---|------------------|---------|---------|-----------------------|------------------------|--|--------------------------------|-------------------|----------------------|--------------------------|--------------|---------------------------|-----------------------------------|--|-----------------------------|------|---------------------|----------------------------|-------------------------------|----|----|----|----|------|
|   | Maximum          | Minimum | Average | Departure from normal | Degree days (base 65°) |  | Total (Water equivalent) (In.) | Snow, Sleet (In.) | Prevailing direction | Average speed (m. p. h.) | Fastest mile | Total (hours and minutes) |                                   |  |                             |      | Percent of possible | Sunrise to sunset (tenths) | Midnight to midnight (tenths) |    |    |    |    |      |
| 1   | 2                | 3       | 4       | 5                     | 6                      | 7  | 8                              | 9                 | 10                   | 11                       | 12 *         | 13                        | 14                                | 15   | 16                          | 17   | 18                  | 19                         | 20                            | 21 | 22 | 23 | 24 |      |
| 1   | 104              | 70      | 87      | -2                    | 0                      | 0  | 0                              | SW                | 4.3                  | 14                       | SW           | 9:06                      | 62                                | 7  | 6                           |      |                     |                            |                               |    |    |    |    | 1    |
| 2   | 101              | 79      | 90      | 0                     | 0                      | 0  | 0                              | SSE               | 9.4                  | 21                       | SSE          | 7:13                      | 49                                | 7  | 7                           |      |                     |                            |                               |    |    |    |    | 2    |
| 3   | 81               | 69      | 75      | -15                   | 0                      | 0  | 0                              | SSE               | 4.0                  | 12                       | NW           | 0:02                      | 0                                 | 10   | 10                          |      |                     |                            |                               |    |    |    |    | 3    |
| 4   | 94               | 67      | 81      | -1.9                  | 0                      | 0  | 0                              | ENE               | 5.0                  | 12                       | SW 1/        | 12:10                     | 84                                | 5  | 4                           |      |                     |                            |                               |    |    |    |    | 4    |
| 5   | 100              | 68      | 84      | -1.6                  | 0                      | 0  | 0                              | S                 | 13.1                 | 22                       | SSE          | 14:32                     | 100                               | 3  | 2                           |      |                     |                            |                               |    |    |    |    | 5    |
| 6   | 102              | 67      | 85      | -1.5                  | 0                      | 0  | 0                              | SW                | 7.0                  | 13                       | SW           | 14:31                     | 100                               | 0  | 0                           |      |                     |                            |                               |    |    |    |    | 6    |
| 7   | 105              | 69      | 87      | -1.3                  | 0                      | 0  | 0                              | SW                | 7.7                  | 16                       | ENE          | 14:31                     | 100                               | 0  | 0                           |      |                     |                            |                               |    |    |    |    | 7    |
| 8   | 108              | 74      | 91      | +1                    | 0                      | 0  | 0                              | SW                | 4.1                  | 10                       | ESE          | 13:48                     | 95                                | 3  | 2                           |      |                     |                            |                               |    |    |    |    | 8    |
| 9   | 111              | 78      | 95      | +4                    | 0                      | 0  | 0                              | WSW               | 5.8                  | 16                       | WSW          | 14:19                     | 99                                | 1  | 1                           |      |                     |                            |                               |    |    |    |    | 9    |
| 10  | 113              | 78      | 96      | +5                    | 0                      | 0  | 0                              | SW                | 5.8                  | 13                       | WSW          | 14:28                     | 100                               | 1  | 0                           |      |                     |                            |                               |    |    |    |    | 10   |
| 11  | 112              | 80      | 96      | +5                    | 0                      | 0  | 0                              | N                 | 7.2                  | 14                       | S            | 14:21                     | 99                                | 4  | 3                           |      |                     |                            |                               |    |    |    |    | 11   |
| 12  | 112              | 78      | 95      | +4                    | 0                      | 0  | 0                              | WSW               | 6.7                  | 15                       | WSW          | 13:28                     | 93                                | 5  | 5                           |      |                     |                            |                               |    |    |    |    | 12   |
| 13  | 110              | 89      | 100     | +9                    | 0                      | 0  | 0                              | SSW               | 15.0                 | 25                       | SSW          | 12:07                     | 84                                | 5  | 4                           |      |                     |                            |                               |    |    |    |    | 13   |
| 14  | 110              | 81      | 96      | +5                    | 0                      | 0  | 0                              | SW                | 7.6                  | 17                       | SSW          | 14:24                     | 100                               | 0  | 0                           |      |                     |                            |                               |    |    |    |    | 14   |
| 15  | 112              | 77      | 95      | +4                    | 0                      | 0  | 0                              | SW                | 10.6                 | 18                       | SSW 1/       | 14:23                     | 100                               | 0  | 0                           |      |                     |                            |                               |    |    |    |    | 15   |
| 16  | 112              | 77      | 95      | +4                    | 0                      | 0  | 0                              | SW                | 10.0                 | 22                       | SW 1/        | 12:12                     | 85                                | 6  | 4                           |      |                     |                            |                               |    |    |    |    | 16   |
| 17  | 110              | 84      | 97      | +6                    | 0                      | 0  | 0                              | S                 | 10.2                 | 30                       | S            | 10:29                     | 73                                | 7  | 5                           |      |                     |                            |                               |    |    |    |    | 17   |
| 18  | 108              | 80      | 94      | +3                    | 0                      | 0  | 0                              | WNW               | 6.3                  | 17                       | ENE          | 11:22                     | 79                                | 3  | 2                           |      |                     |                            |                               |    |    |    |    | 18   |
| 19  | 110              | 79      | 95      | +4                    | 0                      | 0  | 0                              | SW                | 10.3                 | 21                       | SW           | 14:18                     | 100                               | 0  | 0                           |      |                     |                            |                               |    |    |    |    | 19   |
| 20  | 109              | 84      | 97      | +6                    | 0                      | 0  | 0                              | S                 | 9.7                  | 17                       | SW           | 12:23                     | 87                                | 2  | 2                           |      |                     |                            |                               |    |    |    |    | 20   |
| 21  | 107              | 78      | 93      | +2                    | 0                      | 0  | 0                              | S                 | 9.6                  | 21                       | SSE          | 14:15                     | 100                               | 0  | 0                           |      |                     |                            |                               |    |    |    |    | 21   |
| 22  | 107              | 77      | 92      | +1                    | 0                      | 0  | 0                              | S                 | 10.1                 | 21                       | S            | 14:14                     | 100                               | 0  | 0                           |      |                     |                            |                               |    |    |    |    | 22   |
| 23  | 104              | 80      | 92      | +1                    | 0                      | 0  | 0                              | S                 | 12.3                 | 23                       | SSE          | 13:34                     | 96                                | 0  | 1                           |      |                     |                            |                               |    |    |    |    | 23   |
| 24  | 103              | 78      | 91      | 0                     | 0                      | 0  | 0                              | SW                | 6.7                  | 23                       | S            | 9:07                      | 64                                | 5  | 6                           |      |                     |                            |                               |    |    |    |    | 24   |
| 25  | 101              | 78      | 90      | -1                    | 0                      | 0  | 0                              | SW                | 6.8                  | 29                       | S            | 6:25                      | 45                                | 8  | 6                           |      |                     |                            |                               |    |    |    |    | 25   |
| 26  | 102              | 74      | 88      | -3                    | 0                      | 0  | 0                              | W                 | 6.8                  | 29                       | SE           | 9:34                      | 68                                | 4  | 3                           |      |                     |                            |                               |    |    |    |    | 26   |
| 27  | 108              | 73      | 91      | 0                     | 0                      | 0  | 0                              | SW                | 6.8                  | 16                       | SSW          | 13:54                     | 99                                | 1  | 1                           |      |                     |                            |                               |    |    |    |    | 27   |
| 28  | 109              | 78      | 94      | +3                    | 0                      | 0  | 0                              | SW                | 8.5                  | 21                       | S            | 11:02                     | 78                                | 7  | 7                           |      |                     |                            |                               |    |    |    |    | 28   |
| 29  | 103              | 83      | 93      | +2                    | 0                      | 0  | 0                              | SSE               | 16.0                 | 26                       | SSE          | 9:24                      | 67                                | 5  | 5                           |      |                     |                            |                               |    |    |    |    | 29   |
| 30  | 96               | 79      | 88      | 0                     | 0                      | 0  | 0                              | S                 | 11.5                 | 26                       | S            | 9:12                      | 66                                | 4  | 4                           |      |                     |                            |                               |    |    |    |    | 30   |
| 31  | 98               | 74      | 86      | -5                    | 0                      | 0  | 0                              | S                 | 8.7                  | 21                       | ESE          | 10:39                     | 76                                | 5  | 4                           |      |                     |                            |                               |    |    |    |    | 31   |
| Sum   | 3262             | 2380    |         |                       |                        | 53   | 0                              |                   | 263.6                |                          |              | 365:27                    |                                   | 108  | 94                          |      |                     |                            |                               |    |    |    |    | Sum  |
| Avg   | 105.2            | 76.8    |         |                       |                        |  |                                |                   | 8.5                  | Fastest                  | Dir.         | Possible                  |                                   | 3.5  | 3.0                         |      |                     |                            |                               |    |    |    |    | Avg. |
| T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 30 |                  |         |         |                       |                        |  |                                |                   |                      |                          |              |                           |                                   |  |                             |      |                     |                            |                               |    |    |    |    |      |

TEMPERATURE: (°F) Average monthly 91.0 Departure from normal +0.5 Highest 113 on 10 Lowest 67 on 4,6 Number of days with - Max. 32° or below 0 Max. 90° or above 30 Min. 32° or below 0 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°): Total this month 0 Departure from normal 0 Seasonal total (since July 1) 0 Seasonal departure from normal 0

BAROMETRIC PRESSURE (In.) Avg. station (elev. 1869 feet, m. s. l.) 27.891 Highest sea level 30.01 on 4 Lowest sea level 29.50 on 20

PRECIPITATION: (In.) Total for the month 0.53 Departure from normal +0.07 Greatest in 24 hours .50 on 2-3 Snow, Sleet - Total for the month 0 Greatest in 24 hours 0 on - Greatest depth on ground 0 on - Dates of - Hail None Sleet none Glaze/Time None

Symbols used in columns 18-19 A = Hail L = Drizzle BS = Blowing snow N = Sand DL = Distant lightning R = Rain D = Dust S = Snow E = Sleet T = Thunderstorm F = Fog ZL = Freezing drizzle H = Haze ZR = Freezing rain K = Smoke

\*When this elevation differs from the present station elevation this level was selected to permit comparison of data for a longer period of homogeneous record.

\* Fastest observed one minute wind speed and its direction

1/ Last of several occurrences

Rainfall first 7 months of 1961 1.29 inches, 55% of normal.

HOURLY PRECIPITATION (In.)

| Date | A. M. Hour ending at |   |   |   |   |   |   |   |     |     |     |    | P. M. Hour ending at |   |     |     |     |   |     |     |   |    |    |    | Date |    |   |
|------|----------------------|---|---|---|---|---|---|---|-----|-----|-----|----|----------------------|---|-----|-----|-----|---|-----|-----|---|----|----|----|------|----|---|
|      | 1                    | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9   | 10  | 11  | 12 | 1                    | 2 | 3   | 4   | 5   | 6 | 7   | 8   | 9 | 10 | 11 | 12 |      |    |   |
| 1    |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    | 1    |    |   |
| 2    |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    | 2    |    |   |
| 3    | T                    |   |   | T | T | T |   | T | .02 | .05 | .05 |    | T                    | T | .05 | .17 | .02 |   | .08 | .04 |   |    | T  | T  | .08  | T  | 3 |
| 4    |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 4  |   |
| 5    |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 5  |   |
| 6    |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 6  |   |
| 7    |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 7  |   |
| 8    |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 8  |   |
| 9    |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 9  |   |
| 10   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 10 |   |
| 11   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 11 |   |
| 12   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 12 |   |
| 13   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 13 |   |
| 14   |                      |   | T |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 14 |   |
| 15   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 15 |   |
| 16   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 16 |   |
| 17   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 17 |   |
| 18   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 18 |   |
| 19   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 19 |   |
| 20   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 20 |   |
| 21   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 21 |   |
| 22   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 22 |   |
| 23   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 23 |   |
| 24   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 24 |   |
| 25   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 25 |   |
| 26   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 26 |   |
| 27   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 27 |   |
| 28   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 28 |   |
| 29   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 29 |   |
| 30   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 30 |   |
| 31   |                      |   |   |   |   |   |   |   |     |     |     |    |                      |   |     |     |     |   |     |     |   |    |    |    |      | 31 |   |

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