

## COOPERATIVE OBSERVERS' METEOROLOGICAL RECORD:

Month of December, 1919; Station, Greenland Ranch; County, Imperial  
 State, Calif.; Latitude, 36-27N; Longitude, 116-50W; Time used on this form, 4 PM

| DATE. | TEMPERATURE. |              |       |               | PRECIPITATION.        |                    |           |                        |  | PREVAIL-<br>ING WIND<br>DIRECTION. | CHARACTER<br>OF DAY,<br>SUNRISE TO<br>SUNSET. | : MISCELLANEOUS<br>PHENOMENA. |    |
|-------|--------------|--------------|-------|---------------|-----------------------|--------------------|-----------|------------------------|--|------------------------------------|---|-------------------------------|----|
|       | MAX-<br>MUM. | MIN-<br>MUM. | RANGE | * SET<br>MAX. | TIME OF<br>BEGINNING. | TIME<br>OF ENDING. | † AMOUNT. | SNOWFALL<br>IN INCHES. | DEPTH OF SNOW<br>ON GROUND AT<br>TIME OF<br>OBSERVATION. |                                    |   |                               |    |
|       | 1            | 2            | 3     | 4             | 5                     | 6                  | 7         | 8                      | 9  |                                    |   |                               | 10 |
| 1     | 61           | 30           | 31    |               |                       |                    |           |                        |  |                                    |   | Clear                         |    |
| 2     | 64           | 34           | 30    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 3     | 67           | 37           | 30    |               |                       |                    |           |                        |  |                                    |   | Cloudy                        |    |
| 4     | 55           | 41           | 14    |               |                       |                    | 0.30      |                        |  |                                    |   | "                             |    |
| 5     | 54           | 42           | 12    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 6     | 60           | 39           | 21    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 7     | 52           | 35           | 17    |               |                       |                    |           |                        |  |                                    |   | Clear                         |    |
| 8     | 57           | 29           | 20    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 9     | 52           | 26           | 26    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 10    | 51           | 28           | 26    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 11    | 50           | 27           | 23    |               |                       |                    |           |                        |  |                                    |   | Cloudy                        |    |
| 12    | 59           | 42           | 17    |               |                       |                    |           |                        |  |                                    |   | Clear                         |    |
| 13    | 53           | 41           | 12    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 14    | 54           | 25           | 29    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 15    | 58           | 23           | 35    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 16    | 53           | 22           | 31    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 17    | 60           | 25           | 35    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 18    | 62           | 29           | 33    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 19    | 56           | 30           | 26    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 20    | 56           | 32           | 24    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 21    | 63           | 33           | 30    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 22    | 65           | 34           | 31    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 23    | 66           | 32           | 34    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 24    | 68           | 34           | 34    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 25    | 59           | 30           | 29    |               |                       |                    |           |                        |  |                                    |   | Cloudy                        |    |
| 26    | 68           | 47           | 21    |               |                       |                    |           |                        |  |                                    |   | Clear                         |    |
| 27    | 66           | 36           | 30    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 28    | 61           | 32           | 29    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 29    | 61           | 30           | 31    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 30    | 56           | 25           | 31    |               |                       |                    |           |                        |  |                                    |   | "                             |    |
| 31    | 57           | 30           | 27    |               |                       |                    |           |                        |  |                                    |   | Cloudy                        |    |
| SUM.  | 1821         | 1005         |       |               |                       |                    | 0.30      | 0                      |  |                                    |   | -                             |    |
| MEAN  |              |              |       |               |                       |                    |           |                        |  |                                    |   |                               |    |

\* Reading of maximum thermometer immediately after setting.  
 † Including rain, hail, sleet, and melted snow.  
 ‡ Thunderstorms, halos, auroras, etc.

(IN TRIPLICATE.)

See cover for instructions

8-253

Post-Office Address, Ryan, Cal

## TEMPERATURE.

Mean maximum, 58.7  
 Mean minimum, 32.4  
 Mean, 45.6  
 Maximum, 68; date, 7 24  
 Minimum, 22; date, 16  
 Greatest daily range, 35

## PRECIPITATION.

Total, 0.30 inches.  
 Greatest in 24 hours, 30; date, 4

## SNOW.

Total snowfall, 0 inches; on ground 15th, \_\_\_\_\_ inches;  
 at end of month, \_\_\_\_\_ inches.

## NUMBER OF DAYS—

With .01 inch or more precipitation, 1  
 Clear, 24; partly cloudy, 0; cloudy, 7

## DATES OF—

Killing frost, \_\_\_\_\_  
 Thunderstorms, \_\_\_\_\_  
 Hail, \_\_\_\_\_  
 Sleet, \_\_\_\_\_  
 Auroras, \_\_\_\_\_

## REMARKS:

O. A. Dinton, Cooperative Observer.