

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.
CHARLES F. MARVIN, Chief.

CLIMATOLOGICAL DATA.

EDWARD A. BEALS, METEOROLOGIST.

Vol. XXV. SAN FRANCISCO, FEBRUARY, 1921. No. 2

GENERAL SUMMARY.

February in California was a month of unseasonably dry weather. Not since 1913 has the precipitation over the State as a whole been so light in this month. Notwithstanding this there were several periods when rainfall occurred quite generally, notably during the opening days of the month and on the 14th, 15th and 21st, when precipitation was not confined to mountain regions and normally moist sections along the north coast, but covered the more important agricultural districts as well. Rainfall was heaviest in the coast counties from Mendocino north, in the Siskiyou Mountains and along the west slopes of the Sierra; it was lightest in desert regions of the south, many places below the Tehachapi reporting none at all. As a rule the largest amounts in all parts of the State fell on the 15th, and this was the date, likewise, when snow deposits at the high levels were greatest.

Temperatures averaged slightly above normal, but there were no very significant departures anywhere. The coldest weather occurred generally about the middle of the month when temperatures close to freezing prevailed in the agricultural districts, and the warmest weather occurred during the closing week. On a few days during the latter period excessively high temperatures were registered in southern California, the thermometer going over 90 degrees at most interior points and at many beach resorts as well.

Cloudiness was considerable, even in sections where only light rainfall occurred, but most of the great crop growing districts enjoyed a preponderance of clear weather notwithstanding. Although deficient in rainfall, the month was not adverse to agriculture. What rain fell occurred opportunely and for that reason was sufficient for present needs. Vegetation generally made excellent progress and much plowing and seeding was accomplished. The warm weather toward the close of the month brought deciduous orchards into bloom quite generally, and made possible the salvage of some of the rice crop which should have been harvested last fall. Scarcely any damage was caused by frost.

T. R.

PRESSURE.

The mean sea-level pressure, determined from the records of 10 regular Weather Bureau stations, was 30.13 inches. The highest was 30.59 inches at Independence on the 23rd; the lowest was 29.57 inches at San Jose on the 14th; the range for the State was 1.02 inches.

TEMPERATURE.

The monthly mean temperature for the State, as shown by the records of 100 stations was 49.4°, which is 0.9° above the normal.

The highest monthly mean was 61.0°, at Indio; and the lowest was 28.4°, at Summit.

The highest temperature, 97°, occurred at Indio on the 25th; and the lowest, -7°, occurred at Squirrel Inn on the 15th. The range for the State was 104°.

PRECIPITATION.

The average precipitation for the State, as shown by the records of 236 stations, was 2.23 inches, or 2.18 inches below the normal.

The greatest monthly amount was 13.44 inches, at Crescent City; and the least monthly amount was 0.00 inches, at 5 stations.

The greatest amount in 24 hours was 4.85 inches at Crescent City on the 20th.

RELATIVE HUMIDITY, SUNSHINE AND CLOUDINESS.

| Stations. | Relative humidity Per cent. | | | Sunshine. | |
|----------------------|--------------------------------|--------|-------|-------------------------|-------------------------|
| | 5 a.m. | 5 p.m. | Mean. | Actual No. of hours. | Percent of possible. |
| Eureka..... | 92 | 89 | 90 | 97 | 82 |
| Fresno..... | 93 | 59 | 76 | 804 | 70 |
| Independence..... | 49 | 24 | 36 | 252 | 83 |
| Los Angeles..... | 69 | 57 | 63 | 319 | 76 |
| Mount Tamalpais..... | 76 | 76 | 76 | 200 | 66 |
| Red Bluff..... | 84 | 54 | 69 | 217 | 72 |
| Sacramento..... | 96 | 80 | 88 | 208 | 69 |
| San Diego..... | 76 | 68 | 72 | 224 | 73 |
| San Francisco..... | 84 | 63 | 74 | 302 | 63 |
| San Jose..... | 72 | 58 | 65 | 238 | 78 |

WIND MOVEMENT.—(Miles.)

| Stations. | Total mov. for month. | Ave. hr. velocity: | Maximum velocity: | Direction. | | Prev. dir. |
|----------------------|--------------------------|-----------------------|----------------------|------------|------------|------------|
| | | | | Date. | Direction. | |
| Eureka..... | 4,384 | 6.5 | 42 | nw. | 5 | se. |
| Fresno..... | 3,230 | 4.8 | 33 | nw. | 14 | nw. |
| Independence..... | 4,975 | 7.4 | 42 | se. | 14 | n. |
| Los Angeles..... | 3,770 | 5.6 | 30 | nw. | 5 | ne. |
| Mount Tamalpais..... | 13,509 | 20.1 | 72 | sw. | 13 | nw. |
| Point Reyes..... | 13,570 | 20.2 | 94 | nw. | 5 | nw. |
| Red Bluff..... | 3,556 | 5.3 | 30 | se. | 20 | n. |
| Sacramento..... | 4,614 | 6.9 | 30 | se. | 14 | se. |
| San Diego..... | 4,382 | 6.5 | 38 | s. | 14 | nw. |
| San Francisco..... | 5,467 | 8.1 | 43 | nw. | 5 | nw. |
| San Jose..... | 3,854 | 5.7 | 32 | w. | 5 | se. |
| San Luis Obispo..... | 3,215 | 4.8 | 22 | w. | 5 | n. |

COMPARATIVE DATA FOR FEBRUARY.

| Year | Mean temp. | Ave. precip. | Year | Mean temp. | Ave. precip. | Year | Mean temp. | Ave. precip. | Year | Mean temp. | Ave. precip. |
|-----------|---------------|-----------------|-----------|---------------|-----------------|-----------|---------------|-----------------|-----------|---------------|-----------------|
| 1898..... | 49.4 | 2.95 | 1904..... | 54.5 | 7.91 | 1910..... | 46.0 | 2.43 | 1916..... | 49.8 | 3.94 |
| 1899..... | 48.5 | 0.45 | 1905..... | 50.8 | 4.24 | 1911..... | 43.7 | 3.33 | 1917..... | 45.7 | 6.25 |
| 1900..... | 41.9 | 0.94 | 1906..... | 52.0 | 4.88 | 1912..... | 49.7 | 0.75 | 1918..... | 46.9 | 6.18 |
| 1901..... | 47.7 | 6.03 | 1907..... | 53.3 | 4.14 | 1913..... | 46.7 | 2.07 | 1919..... | 45.7 | 7.46 |
| 1902..... | 50.3 | 8.14 | 1908..... | 46.8 | 3.99 | 1914..... | 48.4 | 5.49 | 1920..... | 49.4 | 2.80 |
| 1903..... | 43.7 | 1.76 | 1909..... | 46.6 | 8.00 | 1915..... | 46.6 | 10.08 | 1921..... | 49.4 | 2.28 |

Daily evaporation (inches) and wind movement (miles) for February.

| Stations. | Data, | Day of Month. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|--------------------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total |
| Chula Vista**..... | Evaporation..... | .074 | .099 | .097 | .102 | .175 | .120 | .098 | .108 | .165 | .111 | .081 | .089 | .109 | .081 | .118 | .103 | .063 | .061 | .059 | .083 | .060 | .153 | .207 | .243 | .182 | .117 | .085 | .128 | | 3.166 |
| | Wind movement..... | .70 | .57 | .71 | .143 | .229 | .79 | .36 | .50 | .149 | .54 | .61 | .65 | .107 | .133 | .113 | .82 | .87 | .81 | .70 | .90 | .112 | .64 | .67 | .84 | .120 | .73 | .89 | .94 | | 2.630 |
| Dodgeland*..... | Evaporation..... | .123 | .035 | .008 | .036 | .042 | .027 | .040 | .030 | .039 | .046 | .020 | .014 | .033 | .141 | .024 | .018 | .132 | .063 | .106 | .024 | .098 | .078 | .075 | .044 | .090 | .093 | .059 | | 1.524 | |
| Oakdale (near)*..... | Evaporation..... | .25 | .59 | .23 | .18 | .63 | .73 | .64 | .16 | .27 | .6 | .7 | .39 | .28 | .29 | .32 | .5 | .14 | .32 | .38 | .137 | .152 | .18 | .23 | .3 | .21 | .23 | .10 | | 1.006 | |
| Tahoe**..... | Evaporation..... | .032 | .049 | .030 | .020 | .... | .133 | .090 | .045 | .052 | .020 | .054 | .073 | .040 | .... | .030 | .115 | .... | .055 | .079 | .024 | .... | .069 | .078 | .142 | .073 | .074 | .093 | .085 | | 4.095 |
| | Wind movement..... | .50 | .125 | .75 | .75 | .165 | .240 | .140 | .100 | .40 | .60 | .50 | .50 | .40 | .180 | .120 | .60 | .100 | .80 | .50 | .40 | .200 | .40 | .60 | .55 | .75 | | | | 2.540 | |

* Observations taken at 7 a. m.; ** at 8 a. m. † Included in the next following entry.

Climatological Data for February, 1921.

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahr. | | | | | Precipitation, in inches. | | | | | Number of days. | | | Observers. | | | |
|-----------------------|----------------------|------------------|--------------------------|-------------------------------|----------------------------|----------|-------|---------|---------------------------|-----------------------|--------|----------------------------|-----------------------|-----------------------|----------------|---------|---------------------|-------------------------------|--------------------------|----------------------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Snowfall (un-melted). | Partly cloudy. | Cloudy. | Precipitation (in.) | Prevailing direction of wind. | | |
| Antioch..... | Contra Costa..... | 46 | 41 | 51.6 | +0.8 | 74 | 28 | 33 | 17 | 32 | 0.62 | -1.38 | 0.60 | 0 | 2 | 5 | sw. | C. G. McDaniel. | | |
| Atascadero..... | San Luis Obispo..... | 837 | 4 | 46.3 | - | 78 | 25 | 21 | 15 | 48 | 1.39 | 0.76 | 0.0 | 5 | 14 | 9 | nw. | Colony Holding Corp. | | |
| Bakersfield..... | Kern..... | 404 | 31 | 52.8 | +0.3 | 83 | 13 | 29 | 7 | 43 | 0.83 | +0.06 | 0.65 | 0 | 4 | 11 | 6 | se. | Santa Fe Co. | |
| Barstow..... | San Bernardino..... | 2,105 | 17 | 49.6 | -2.1 | 83 | 27 | 24 | 16 | 41 | T. | -0.49 | 0.7 | 0 | 0 | 26 | 0 | w. | E. L. White. | |
| Berkeley..... | Alameda..... | 317 | 33 | 52.2 | - | 74 | 24 | 33 | 15 | 28 | 1.54 | -2.68 | 0.76 | 0 | 4 | 13 | 10 | nw. | State University. | |
| Blue Canon..... | Placer..... | 4,695 | 21 | 42.6 | +3.7 | 74 | 27 | 17 | 16 | 37 | 6.28 | -5.01 | 2.95 | 32.0 | 7 | 13 | 6 | se. | Southern Pacific Co. | |
| Elythe..... | Riverside..... | 268 | 11 | 57.8 | - | 91 | 113 | 28 | 15 | 53 | 0.14 | -0.14 | 0.14 | 0 | 1 | 18 | 10 | e. | Palo Verde Water Co.. | |
| Bonita..... | San Diego..... | 110 | 4 | 54.2 | - | 94 | 24 | 31 | 7 | 48 | 0.71 | 0.58 | 0 | 0 | 3 | 17 | 4 | ne. | R. M. Allen. | |
| Branscomb..... | Mendocino..... | 2,000 | 20 | 46.0 | +1.3 | 77 | 24 | 25 | 19 | 43 | 9.82 | -7.73 | 2.83 | 1.5 | 12 | 14 | 7 | s. | A. J. Haun. | |
| Brawley..... | Imperial..... | -105 | 10 | - | - | 29 | 16 | - | - | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | w. | M. D. Witter. | | |
| Calexico..... | Imperial..... | 0 | 15 | 59.2 | +1.4 | 93 | 25 | 32 | 16 | 43 | 0.00 | -0.80 | 0.00 | 0 | 0 | 17 | 9 | 2. | H. M. Rouso. | |
| Chico..... | Butte..... | 189 | 50 | 49.2 | -1.1 | 73 | 28 | 27 | 16 | 36 | 1.84 | -1.89 | 1.51 | 0 | 4 | 3 | 6 | se. | U. S. Bureau Plant Ind. | |
| Chula Vista..... | San Diego..... | 9 | 2 | 52.8 | - | 83 | 23 | 32 | 15 | 49 | 0.44 | -0.35 | 0.0 | 0 | 3 | 15 | 0 | nw. | Western Salt Works. | |
| Claremont..... | Los Angeles..... | 1,200 | 28 | 52.8 | +0.7 | 88 | 25 | 30 | 15 | 49 | 0.81 | -1.93 | 0.39 | 0 | 6 | 20 | 5 | sav. | Prof. F. P. Brackett. | |
| Cloverdale..... | Sonoma..... | 340 | 18 | 51.7 | +1.7 | 80 | 26 | 29 | 15 | 35 | 1.95 | -6.03 | 0.66 | 0 | 9 | 15 | 0 | s. | John O. Ogle. | |
| Colfax..... | Placer..... | 2,421 | 49 | 47.0 | +1.1 | 73 | 23 | 25 | 15 | 33 | 3.60 | -3.89 | 1.03 | 2.0 | 6 | 19 | 4 | nw. | Southern Pacific Co. | |
| Colusa..... | Colusa..... | 60 | 17 | 50.3 | +0.6 | 72 | 28 | 31 | 15 | 31 | 0.34 | -2.46 | 0.08 | 0 | 8 | 19 | 4 | e. | E. A. Houchins. | |
| Corona..... | Riverside..... | 615 | 6 | 55.8 | - | 92 | 25 | 30 | 16 | 49 | 0.94 | -0.50 | 0 | 0 | 3 | 21 | 2 | 5. | Edwin T. Brink. | |
| Crescent City..... | Del Norte..... | 125 | 6 | 48.0 | +0.8 | 66 | 23 | 23 | 15 | 25 | 13 | 25 | 13.44 | -0.85 | 4.35 | 0 | 12 | 9 | s. | Thos. E. Peacock. |
| Davis..... | Yolo..... | 51 | 48 | 49.1 | -2.5 | 73 | 26 | 26 | 15 | 36 | 0.32 | -2.43 | 0.20 | 0 | 2 | 11 | 16 | 1. | sw. | Prof. S. H. Beckett. |
| Dodgeland..... | Butte..... | 160 | 25 | 48.4 | - | 72 | 27 | 29 | 17 | 34 | 1.14 | -0.70 | 0 | 0 | 6 | 11 | 7 | 10 | n. | Dodge Land Co. |
| El Cajon..... | San Diego..... | 482 | 21 | 54.0 | -0.2 | 93 | 24 | 27 | 16 | 54 | 0.84 | -1.83 | 0.36 | 0 | 8 | 22 | 2 | 4. | sw. | Eugene P. Kessler. |
| Elsinore..... | Riverside..... | 1,300 | 4 | 54.2 | - | 92 | 125 | 29 | 15 | 50 | 0.78 | -1.84 | 0.40 | 0 | 5 | 19 | 4 | 5. | W. L. Wilhite. | |
| Escondido..... | San Diego..... | 742 | 26 | 53.5 | +1.2 | 89 | 24 | 31 | 7 | 47 | 1.13 | -1.67 | 0.55 | 0 | 5 | 22 | 1 | 5. | H. L. Harlow. | |
| EUREKA..... | Humboldt..... | 64 | 34 | 47.8 | +1.0 | 61 | 23 | 33 | 16 | 26 | 7.45 | +0.42 | 3.22 | 0 | 13 | 3 | 7 | 18. | se. | U. S. Weather Bureau. |
| Folsom..... | Sacramento..... | 252 | 47 | 50.8 | 0 | 70 | 13 | 30 | 8 | 30 | 1.34 | -2.48 | 0.56 | 0 | 3 | 13 | 7 | 8. | s. | Mrs. G. I. Marvin. |
| Fontana..... | San Bernardino..... | 1,325 | 8 | 53.4 | - | 90 | 25 | 30 | 16 | 46 | 0.42 | -0.50 | 0 | 0 | 4 | 21 | 4 | 3. | sw. | Fontana Land Co. |
| Fordyce Dam..... | Nevada..... | 6,500 | 26 | 34.7 | +7.4 | 68 | 11 | 0 | 16 | 62 | 5.65 | -4.04 | 1.75 | 52.0 | 2 | 22 | 8 | sw. | E. E. Roening. | |
| Fort Bidwell..... | Modoc..... | 4,375 | 31 | 32.0 | +0.1 | 58 | 26 | 8 | 7 | 45 | 1.82 | -0.61 | 0.86 | 7.0 | 5 | 16 | 8 | sw. | C. R. Decious. | |
| FRESNO..... | Fresno..... | 293 | 33 | 51.5 | +2.3 | 79 | 13 | 33 | 6 | 29 | 0.61 | -0.72 | 0.40 | 0 | 5 | 14 | 6 | sw. | U. S. Weather Bureau. | |
| Grass Valley..... | Nevada..... | 2,690 | 48 | 47.0 | +4.0 | 70 | 123 | 26 | 16 | 32 | 4.42 | -3.46 | 1.84 | 1.0 | 8 | 12 | 7 | 9. | s. | Mrs. L. M. Wentworth. |
| Greenland Ranch..... | Inyo..... | -178 | 9 | 57.0 | - | 91 | 26 | 33 | 18 | 42 | 0.00 | 0.00 | 0 | 0 | 0 | 23 | 0 | 5. | O. A. Denton. | |
| Hanford..... | Kings..... | 249 | 20 | 47.8 | -2.7 | 82 | 13 | 30 | 15 | 37 | 0.89 | -0.51 | 0.42 | 0 | 7 | 12 | 0 | 16 | n. | Santa Fe Co. |
| Healdsburg..... | Sonoma..... | 110 | 27 | 50.4 | +0.7 | 75 | 124 | 29 | 15 | 39 | 1.39 | -5.45 | 1.00 | 0 | 4 | 14 | 10 | 4. | se. | Dr. F. J. Kinley. |
| Hollister..... | San Benito..... | 284 | 16 | 50.2 | -0.7 | 74 | 24 | 30 | 16 | 36 | 1.02 | -1.37 | 0.23 | 0 | 5 | 17 | 5 | 6. | nw. | Grangers' Union. |
| INDEPENDENCE..... | Inyo..... | 3,957 | 24 | 47.0 | +3.3 | 77 | 24 | 22 | 16 | 42 | 0.02 | -0.76 | 0.02 | T. | 1 | 17 | 10 | 1. | n. | U. S. Weather Bureau. |
| Indio..... | Riverside..... | -20 | 42 | 61.0 | +2.3 | 97 | 25 | 33 | 16 | 45 | 0.00 | -0.46 | 0.00 | 0 | 0 | 14 | 11 | 3. | se. | U. S. Bureau Plant Ind. |
| Inskip..... | Butte..... | 4,975 | 13 | 42.6 | +6.8 | 64 | 124 | 16 | 15 | 23 | 8.11 | -5.63 | 3.06 | 37.5 | 7 | 11 | 5 | 12. | sw. | Pacific Gas & Electric Co. |
| Kennett..... | Shasta..... | 730 | 8 | 50.6 | - | 81 | 24 | 31 | 15 | 37 | 5.55 | -6.63 | 2.43 | 0 | 7 | 15 | 1 | 12. | n. | Mammoth Copper Mine. |
| La Porte..... | Plumas..... | 5,000 | 26 | 31.0 | -4.0 | 53 | 26 | 9 | 15 | 32 | 5.20 | -7.33 | 1.52 | 33.4 | 8 | 16 | 5 | 7. | n. | Wm. Schuld. |
| Lemon Cove..... | Tulare..... | 600 | 25 | 50.2 | -2.8 | 76 | 13 | 30 | 8 | 36 | 1.87 | -1.06 | 1.11 | 0 | 4 | 17 | 4 | 7. | nw. | T. E. Bence. |
| Lick Observatory..... | Santa Clara..... | 4,209 | 31 | 40.4 | 0 | 72 | 13 | 21 | 15 | 25 | 3.55 | -1.37 | 1.35 | 0 | 9 | 14 | 10 | 4. | n. | Lick Observatory. |
| Lindsay..... | Tulare..... | 384 | 6 | 51.4 | - | 85 | 13 | 29 | 16 | 42 | 1.43 | -1.00 | 0 | 0 | 10 | 11 | 7. | nw. | Basil Prior. | |
| Long Beach..... | Los Angeles..... | 50 | 0 | 53.5 | - | 92 | 24 | 30 | 16 | 50 | 0.72 | -0.31 | 0 | 0 | 3 | 17 | 7 | 4. | w. | George D. West. |
| LOS ANGELES..... | Los Angeles..... | 293 | 48 | 45.4 | +2.3 | 92 | 25 | 38 | 15 | 43 | 0.86 | -2.05 | 0.60 | 0 | 4 | 15 | 9 | 4. | ne. | U. S. Weather Bureau. |
| McCloud..... | Siskiyou..... | 3,270 | 10 | 42.2 | - | 64 | 2 | 20 | 16 | 32 | 4.12 | -2.00 | 2.00 | 13.0 | 6 | 15 | 8 | 5. | n. | McCloud River Lbr. Co. |
| Marysville..... | Yuba..... | 67 | 49 | 50.4 | -0.9 | 73 | 126 | 26 | 16 | 32 | 1.16 | -1.91 | 0.60 | 0 | 4 | 19 | 3 | 6. | n. | Southern Pacific Co. |
| Mecca..... | Riverside..... | -185 | 14 | 59.6 | +3.1 | 96 | 124 | 28 | 16 | 47 | T. | -0.37 | 0 | 0 | 21 | 4 | 3. | se. | Cooperative Date Garden. | |
| Merced..... | Merced..... | 173 | 46 | 50.4 | -0.6 | 76 | 13 | 29 | 7 | 30 | 1.43 | -0.07 | 0.56 | 0 | 8 | 11 | 10 | 7. | n. | Santa Fe Co. |
| MT. TAMALPAIS..... | Marin..... | 2,375 | 21 | 47.4 | +1.8 | 66 | 24 | 29 | 15 | 37 | 2.10 | -3.62 | 0.77 | 0.1 | 6 | 10 | 6 | 12. | nw. | U. S. Weather Bureau. |
| Mount Wilson..... | Los Angeles..... | 5,704 | 33 | 46.2 | - | 72 | 24 | 14 | 15 | 27 | 1.44 | -0.31 | 0.88 | 8.0 | 5 | 19 | 5 | 4. | nw. | Solar Observatory. |
| Napa..... | Napa..... | 20 | 48 | 51.4 | - | 76 | 24 | 28 | 15 | 40 | 1.28 | -2.70 | 0.58 | 0 | 7 | 12 | 10 | 6. | sw. | State Hospital. |
| Needles..... | San Bernardino..... | 477 | 28 | 59.2 | +1.6 | 88 | 25 | 30 | 16 | 42 | 0.21 | -0.22 | 0 | 0 | 1 | 19 | 3 | 6. | w. | Santa Fe Co. |
| Nevada City..... | Nevada..... | 2,850 | 28 | 45.0 | +1.9 | 76 | 23 | 21 | 16 | 46 | 4.06 | -3.93 | 1.67 | 1.0 | 8 | 9 | 13 | 6. | se. | B. H. Preston. |
| Newman..... | Stanislaus..... | 91 | 31 | 48.8 | -2.8 | 74 | 126 | 26 | 16 | 41 | 0.71 | -1.00 | 0.48 | 0 | 4 | 21 | 5 | 7. | n. | E. S. Wangenheim. |
| Oakdale (near)..... | Stanislaus..... | 215 | 2 | 48.1 | 0 | 71 | 27 | 28 | 7 | 31 | 0.95 | -1.50 | 0.35 | 0 | 4 | 21 | 5 | 2. | n. | S. San Joaquin Irr. Dist. |
| Oakland..... | Alameda..... | 322 | 44 | 50.5 | +0.2 | 68 | 24 | 34 | 15 | 20 | 1.47 | -2.47 | 0.55 | 0 | 6 | 13 | 8 | 7. | nw. | Chabot Observatory. |
| Ojai..... | Ventura..... | 900 | 14 | 53.2 | +0.2 | 88 | 124 | 28 | 16 | 46 | 1.47 | -4.15 | 0.90 | 0 | 2 | 19 | 9 | 0. | n. | W. H. Duncan. |
| Orland..... | Glen..... | 254 | 33 | 49.6 | -1.6 | 71 | 26 | 30 | 15 | 33 | 0.82 | -2.07 | 0.72 | 0 | 4 | 16 | 7 | 5. | ne. | U. S. Rec. Service. |
| Oroville (near)..... | Butte..... | 250 | 36 | 49.0 | -1.6 | 75 | 26 | 32 | 15 | 34 | 1.44 | -2.18 | 1.13 | 0 | 6 | 17 | 6 | 5. | n. | William Noyer. |
| Pasadena..... | Los Angeles..... | 805 | 30 | 53.7 | +1.3 | 90 | 124 | 31 | 17 | 42 | 0.10 | -0.71 | 0.73 | 0 | 3 | 19 | 5 | 4. | sw. | Morris S. Jones. |
| Paso Robles - 1..... | San Luis Obispo..... | 800 | 30 | 50.5 | +2.2 | 69 | 20 | 25 | 15 | 40 | 1.21 | -1.72 | 0.46 | 0 | 9 | 13 | 13 | 2. | n. | Mrs. A. Z. Campbell. |
| Petaluma..... | Sonoma..... | 9 | 6 | 54.3 | - | 73 | 25 | 34 | 12 | 49 | 0.97 | -0.40 | 0 | 0 | 6 | 15 | 7 | 6. | n. | John Landis. |
| Placer..... | El Dorado..... | 1,925 | 31 | 46.8 | +2.5 | 68 | 124 | 25 | 15 | 38 | 3.68 | -2.73 | 1.40 | T. | 6 | 11 | 1 | 16 | w. | O. E. Bailey. |
| POINT REYES..... | Marin..... | 490 | 28 | 49.5 | -0.3 | 65 | 23 | 37 | 15 | 47 | 0.80 | -2.67 | 0.30 | 0 | 9 | 6 | 10 | 12. | nw. | U. S. Weather Bureau. |
| Pomona..... | Los Angeles..... | 557 | 6 | 51.4 | - | 90 | 25 | 27 | 8 | 51 | 0.72 | -0.37 | 0 | 0 | 5 | 15 | 10 | 3. | w. | J. E. Adamson.</td |

Daily Precipitation for February, 1921.

Except as otherwise indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. *** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight.

■■■ Precipitation measured in the morning; amount then recorded is for the preceding 24 hours. * Precipitation included in the next following measurement. † Separate dates of fall not recorded. T., trace, or less than 0.01 inch.

Daily Temperature for February, 1921.

| Stations. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Mean |
|----------------------|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------|-------|-------|------|----|------|
| Bakersfield..... | Maximum | 59 | 51 | 57 | 64 | 58 | 56 | 58 | 62 | 62 | 72 | 79 | 80 | 83 | 57 | 54 | 65 | 59 | 64 | 65 | 60 | 65 | 69 | 72 | 75 | 78 | 80 | 74 | | 66.3 | | |
| | Minimum..... | 38 | 41 | 45 | 41 | 43 | 34 | 29 | 31 | 32 | 36 | 41 | 46 | 55 | 30 | 30 | 44 | 37 | 38 | 45 | 39 | 39 | 36 | 37 | 40 | 42 | 45 | 50 | | 39.3 | | |
| Calexico | Maximum | 74 | 70 | 76 | 74 | 68 | 66 | 63 | 69 | 74 | 80 | 83 | 88 | 79 | 65 | 68 | 74 | 72 | 76 | 79 | 89 | 93 | 83 | 80 | 72 | ..... | 76.1 | | | | | |
| | Minimum..... | 39 | 42 | 38 | 43 | 44 | 41 | 39 | 37 | 34 | 39 | 51 | 45 | 47 | 40 | 42 | 32 | 34 | 38 | 37 | 39 | 46 | 50 | 45 | 47 | 51 | 55 | 45 | 47 | 42.3 | | |
| Chico | Maximum | 57 | 56 | 59 | 52 | 56 | 55 | 60 | 57 | 62 | 65 | 68 | 65 | 61 | 54 | 50 | 52 | 59 | 57 | 60 | 64 | 67 | 67 | 69 | 72 | 70 | 73 | | 60.8 | | | |
| | Minimum..... | 43 | 40 | 36 | 42 | 41 | 29 | 28 | 41 | 42 | 42 | 41 | 43 | 48 | 35 | 32 | 27 | 32 | 31 | 37 | 44 | 44 | 32 | 35 | 36 | 39 | 40 | 37 | | 37.6 | | |
| Escondido | Maximum | 67 | 71 | 68 | 63 | 56 | 59 | 62 | 63 | 67 | 76 | 79 | 80 | 72 | 56 | 55 | 68 | 56 | 61 | 65 | 70 | 55 | 75 | 80 | 89 | 83 | 75 | 66 | 65 | 67.9 | | |
| | Minimum..... | 40 | 42 | 37 | 45 | 48 | 33 | 31 | 34 | 36 | 37 | 41 | 40 | 50 | 33 | 32 | 34 | 35 | 34 | 35 | 39 | 40 | 41 | 45 | 48 | 40 | 44 | 48 | | 39.1 | | |
| Eureka | Maximum | 62 | 55 | 50 | 52 | 48 | 49 | 54 | 55 | 55 | 56 | 58 | 57 | 61 | 45 | 49 | 50 | 52 | 54 | 53 | 50 | 55 | 61 | 59 | 50 | 52 | 60 | 55 | | 53.5 | | |
| | Minimum..... | 40 | 44 | 43 | 44 | 40 | 38 | 40 | 47 | 51 | 51 | 50 | 46 | 35 | 35 | 36 | 33 | 36 | 39 | 45 | 46 | 40 | 37 | 41 | 43 | 44 | 45 | 47 | 42.0 | | | |
| Fresno | Maximum | 51 | 54 | 56 | 53 | 51 | 55 | 59 | 61 | 68 | 71 | 76 | 79 | 54 | 51 | 55 | 58 | 61 | 60 | 65 | 65 | 68 | 72 | 71 | 72 | 65 | ..... | 61.8 | | | | |
| | Minimum..... | 40 | 37 | 44 | 37 | 40 | 33 | 34 | 37 | 41 | 41 | 46 | 47 | 53 | 37 | 35 | 35 | 44 | 39 | 37 | 37 | 44 | 42 | 43 | 45 | 45 | 60 | 48 | | 41.2 | | |
| Independence | Maximum | 57 | 50 | 55 | 60 | 51 | 45 | 51 | 62 | 69 | 70 | 68 | 68 | 69 | 54 | 47 | 48 | 43 | 55 | 60 | 57 | 59 | 70 | 73 | 77 | 75 | 74 | 74 | 75 | 61.3 | | |
| | Minimum..... | 27 | 27 | 29 | 21 | 27 | 23 | 25 | 35 | 42 | 37 | 37 | 39 | 33 | 24 | 22 | 30 | 25 | 27 | 29 | 40 | 33 | 31 | 41 | 37 | 36 | 41 | 47 | | 32.6 | | |
| Los Angeles..... | Maximum | 71 | 71 | 67 | 63 | 62 | 63 | 63 | 64 | 67 | 73 | 81 | 82 | 62 | 54 | 57 | 64 | 54 | 60 | 64 | 67 | 54 | 71 | 70 | 64 | 64 | ..... | 67.5 | | | | |
| | Minimum..... | 46 | 51 | 48 | 50 | 49 | 48 | 43 | 43 | 46 | 50 | 54 | 48 | 44 | 42 | 38 | 40 | 45 | 42 | 46 | 45 | 46 | 64 | 62 | 49 | 49 | 50 | 51 | 47.4 | | | |
| Merced | Maximum | 57 | 53 | 56 | 53 | 55 | 52 | 54 | 58 | 59 | 65 | 68 | 76 | 49 | 50 | 52 | 58 | 61 | 60 | 59 | 63 | 67 | 69 | 70 | 69 | 68 | ..... | 60.7 | | | | |
| | Minimum..... | 41 | 39 | 45 | 37 | 44 | 34 | 29 | 33 | 38 | 40 | 42 | 47 | 45 | 31 | 34 | 35 | 35 | 32 | 47 | 37 | 50 | 36 | 37 | 39 | 44 | 44 | 47 | 50 | 40.1 | | |
| Mount Tamalpais..... | Maximum | 47 | 48 | 48 | 45 | 40 | 43 | 53 | 54 | 57 | 61 | 64 | 61 | 54 | 39 | 43 | 38 | 47 | 51 | 50 | 56 | 63 | 66 | 65 | 62 | 57 | 63 | | 52.5 | | | |
| | Minimum..... | 40 | 41 | 39 | 37 | 33 | 31 | 40 | 44 | 45 | 53 | 53 | 53 | 39 | 29 | 29 | 35 | 37 | 37 | 43 | 36 | 47 | 46 | 55 | 58 | 52 | 49 | 52 | 42.2 | | | |
| Oakland..... | Maximum | 55 | 54 | 55 | 51 | 52 | 52 | 54 | 55 | 56 | 62 | 63 | 58 | 55 | 47 | 47 | 48 | 52 | 53 | 53 | 58 | 59 | 68 | 67 | 63 | 59 | 56 | | 56.0 | | | |
| | Minimum..... | 48 | 45 | 48 | 46 | 45 | 41 | 42 | 44 | 49 | 46 | 50 | 47 | 47 | 42 | 34 | 38 | 42 | 42 | 41 | 44 | 46 | 42 | 49 | 48 | 45 | 51 | 46 | 45.0 | | | |
| Orland | Maximum | 57 | 53 | 58 | 51 | 55 | 61 | 56 | 55 | 64 | 67 | 61 | 60 | 46 | 49 | 52 | 60 | 55 | 56 | 59 | 64 | 67 | 68 | 71 | 70 | 70 | 70 | 59.8 | | | | |
| | Minimum..... | 40 | 41 | 39 | 39 | 38 | 38 | 38 | 40 | 42 | 43 | 46 | 48 | 40 | 30 | 35 | 36 | 33 | 36 | 39 | 45 | 46 | 42 | 41 | 42 | 41 | 41 | 39.4 | | | | |
| Oroville | Maximum | 58 | 59 | 59 | 50 | 55 | 54 | 55 | 52 | 56 | 65 | 68 | 67 | 64 | 41 | 51 | 53 | 58 | 57 | 60 | 67 | 64 | 70 | 75 | 72 | 69 | 60.0 | | 60.0 | | | |
| | Minimum..... | 41 | 40 | 37 | 41 | 30 | 34 | 40 | 41 | 42 | 42 | 43 | 54 | 39 | 30 | 33 | 35 | 32 | 44 | 31 | 31 | 29 | 40 | 40 | 40 | 40 | 40 | 37.9 | | | | |
| Paso Robles..... | Maximum | 59 | 57 | 59 | 55 | 54 | 56 | 61 | 67 | 72 | 78 | 80 | 80 | 52 | 50 | 53 | 55 | 61 | 62 | 62 | 60 | 67 | 74 | 78 | 78 | 76 | 72 | 63.9 | | | | |
| | Minimum..... | 35 | 35 | 38 | 39 | 39 | 34 | 30 | 34 | 35 | 39 | 42 | 45 | 39 | 29 | 32 | 39 | 33 | 36 | 40 | 40 | 35 | 34 | 39 | 42 | 42 | 42 | 37.1 | | | | |
| Point Reyes..... | Maximum | 52 | 52 | 49 | 50 | 49 | 48 | 57 | 52 | 56 | 54 | 56 | 56 | 49 | 52 | 50 | 53 | 53 | 52 | 55 | 55 | 65 | 61 | 54 | 54 | 50 | 50 | 53.7 | | | | |
| | Minimum..... | 46 | 47 | 45 | 46 | 45 | 40 | 43 | 46 | 47 | 48 | 47 | 46 | 48 | 42 | 37 | 42 | 42 | 42 | 45 | 46 | 47 | 48 | 47 | 46 | 47 | 47 | 45.3 | | | | |
| Pomona | Maximum | 67 | 67 | 68 | 64 | 63 | 63 | 62 | 61 | 70 | 78 | 83 | 72 | 56 | 56 | 68 | 64 | 72 | 50 | 75 | 82 | 89 | 90 | 72 | 62 | 67 | 67 | 68.4 | | | | |
| | Minimum..... | 33 | 32 | 33 | 35 | 48 | 28 | 29 | 27 | 29 | 33 | 37 | 38 | 37 | 47 | 28 | 28 | 34 | 30 | 30 | 34 | 35 | 40 | 39 | 35 | 39 | 48 | 34.5 | | | | |
| Porterville | Maximum | 57 | 55 | 59 | 52 | 52 | 52 | 58 | 63 | 65 | 75 | 78 | 84 | 85 | 65 | 51 | 58 | 59 | 61 | 61 | 57 | 62 | 69 | 73 | 74 | 75 | 70 | 63.6 | | | | |
| | Minimum..... | 34 | 34 | 44 | 44 | 44 | 31 | 28 | 29 | 29 | 30 | 38 | 44 | 44 | 31 | 31 | 42 | 36 | 34 | 33 | 43 | 38 | 38 | 38 | 42 | 43 | 43 | 48 | 37.6 | | | |
| Red Bluff..... | Maximum | 58 | 48 | 54 | 54 | 55 | 55 | 65 | 65 | 65 | 61 | 60 | 59 | 58 | 61 | 51 | 58 | 62 | 54 | 58 | 52 | 58 | 63 | 70 | 75 | 70 | 73 | 60.1 | | | | |
| | Minimum..... | 42 | 44 | 40 | 43 | 43 | 37 | 43 | 43 | 46 | 47 | 44 | 49 | 51 | 36 | 32 | 32 | 35 | 33 | 41 | 44 | 45 | 48 | 48 | 48 | 48 | 48 | 41.4 | | | | |
| Redlands | Maximum | 71 | 66 | 67 | 56 | 56 | 57 | 59 | 66 | 68 | 80 | 83 | 78 | 78 | 52 | 52 | 65 | 61 | 60 | 66 | 69 | 75 | 83 | 88 | 76 | 69 | 69 | 67.9 | | | | |
| | Minimum..... | 37 | 36 | 40 | 38 | 41 | 38 | 39 | 31 | 33 | 38 | 39 | 46 | 46 | 40 | 30 | 33 | 32 | 34 | 36 | 35 | 43 | 40 | 47 | 44 | 40 | 47 | 38.9 | | | | |
| Sacramento | Maximum | 57 | 55 | 58 | 55 | 55 | 55 | 56 | 62 | 68 | 63 | 68 | 63 | 58 | 49 | 52 | 56 | 61 | 66 | 62 | 66 | 65 | 65 | 65 | 65 | 65 | 65 | 59.1 | | | | |
| | Minimum..... | 46 | 43 | 46 | 42 | 43 | 38 | 39 | 42 | 44 | 48 | 46 | 49 | 39 | 35 | 35 | 35 | 44 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 42.6 | | | | | |
| San Bernardino..... | Maximum | 69 | 70 | 70 | 69 | 59 | 59 | 59 | 71 | 72 | 85 | 85 | 88 | 82 | 54 | 59 | 71 | 71 | 75 | 77 | 77 | 88 | 91 | 93 | 79 | 70 | 73 | 71.4 | | | | |
| | Minimum..... | 34 | 37 | 37 | 37 | 49 | 40 | 41 | 31 | 30 | 33 | 39 | 41 | 40 | 48 | 30 | 28 | 34 | 30 | 30 | 34 | 35 | 44 | 37 | 44 | 42 | 40 | 39 | 37.5 | | | |
| San Diego..... | Maximum | 61 | 69 | 64 | 60 | 57 | 59 | 61 | 62 | 63 | 68 | 66 | 59 | 57 | 58 | 55 | 62 | 58 | 59 | 66 | 70 | 78 | 89 | 71 | 60 | 63 | 63.5 | | | | | |
| | Minimum..... | 47 | 48 | 46 | 50 | 51 | 42 | 42 | 39 | 42 | 47 | 50 | 46 | 44 | 49 | 41 | 49 | 43 | 47 | 45 | 44 | 50 | 45 | 49 | 53 | 54 | 46.9 | | | | | |
| San Francisco..... | Maximum | 59 | 55 | 59 | 54 | 54 | 56 | 60 | 58 | 60 | 66 | 67 | 64 | 56 | 49 | 54 | 48 | 58 | 57 | 56 | 63 | 65 | 67 | 69 | 68 | 66 | 59.6 | | | | | |
| | Minimum..... | 47 | 46 | 47 | 48 | 46 | 44 | 47 | 49 | 49 | 46 | 48 | 42 | 40 | 44 | 41 | 44 | 45 | 47 | 48 | 47 | 48 | 47 | 48 | 47 | 46.2 | | | | | | |
| San Jose | Maximum | 59 | 59 | 56 | 56 | 54 | 54 | 60 | 61 | 62 | 64 | 69 | 62 | 60 | 58 | 54 | 52 | 58 | 59 | 60 | 66 | 72 | 73 | 71 | 67 | 59 | 61.2 | | | | | |
| | Minimum..... | 41 | 38 | 45 | 42 | 43 | 37 | 40 | 38 | 48 | 46 | 42 | 41 | 44 | 39 | 30 | 35 | 41 | 36 | 38 | 39 | 47 | 41 | 35 | 37 | 44 | 48 | 40.5 | | | | |
| San Luis Obispo..... | Maximum | 64 | 68 | 63 | 65 | 55 | 57 | 63 | 64 | 70 | 79 | 74 | 76 | 53 | 54 | 56 | 64 | 59 | 65 | 74 | 80 | 87 | 86 | 86 | 86 | 86 | 66.0 | | | | | |
| | Minimum..... | 51 | 44 | 52 | 48 | 39 | 38 | 36 | 33 | 49 | 47 | 41 | 40 | 46 | 35 | 31 | 33 | 41 | 38 | 47 | 46 | 42 | 42 | 46 | 45 | 47 | 43.2 | | | | | |
| Santa Barbara..... | Maximum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SNOWFALL IN THE MOUNTAINS.

Not nearly so much snow fell in the mountains of this State in February as there did during the preceding month of January. The deposits, however, most of which were made about the middle of the month, were sufficient to materially augment the supply on hand, and it is well packed and has a large water content.

At this time last year there was only about 40 per-cent as much snow in the Sierra Nevada Mountains as at present. Compared with the average for the last fifteen years three representative stations in the Sacramento watershed show the following percentages: Fordyce Dam, elevation 6,500 feet, 108 per-cent; Summit, elevation 7,017 feet, 90 per-cent; and Tamarack, elevation about 8,000 feet, 76 per-cent.

The greatest snowfall during the month was 52 inches at Fordyce Dam. In the San Joaquin watershed the heaviest fall reported was from Huntington Lake, elevation 6,950 feet, where the total for the month was 46 inches. At Lake Tahoe, elevation 6,230 feet, only 18 inches fell during February, but the amount on the ground was 45 inches, most of which fell during the preceding months of December and January.

In the mountains of southern California there was a marked deficiency in precipitation, both in the form of rain as well as snow and without a material increase during the coming months of March and April, the water supply in that section will be short later on, thus making it necessary to conserve that now available in every possible way.

In the Sacramento and San Joaquin watersheds the well packed snow fields in the high Sierras strongly indicate that there will be a good supply of water till late in the season.

E. A. B.

COMPARATIVE SNOWFALL DATA FOR FEBRUARY.

(Amount on the Ground.)

| # | FORDYCE DAM. | | | SUMMIT. | | | TAMARACK. | | |
|-----------|--------------|-------|------------|---------|-------|------------|-----------|-------|------------|
| | 1st. | 15th. | End of mo. | 1st. | 15th. | End of mo. | 1st. | 15th. | End of mo. |
| 1907..... | 86 | 67 | 81 | 137 | 95 | 88 | 182 | 122 | 97 |
| 1908..... | 75 | 81 | 90 | 88 | 115 | 74 | 104 | 108 | 120 |
| 1909..... | 105 | 157 | 138 | 172 | 224 | 213 | 190 | 234 | 256 |
| 1910..... | 69 | 72 | 74 | 76 | 70 | 72 | 114 | 110 | 101 |
| 1911..... | 128 | 138 | 120 | 228 | 240 | 215 | 320 | 407 | 434 |
| 1912..... | 59 | 52 | 44 | 38 | 27 | 23 | 54 | 45 | 42 |
| 1913..... | 77 | 69 | 80 | 85 | 55 | 55 | 116 | 100 | 115 |
| 1914..... | 107 | 98 | 130 | 192 | 150 | 180 | 274 | 253 | 272 |
| 1915..... | 90 | 120 | 135 | 106 | 154 | 180 | 132 | 174 | 185 |
| 1916..... | 158 | 150 | 154 | 207 | 164 | 145 | 192 | 165 | 168 |
| 1917..... | 72 | 65 | 116 | 80 | 56 | 128 | 64 | 58 | 154 |
| 1918..... | 9 | 27 | 68 | 2 | 50 | 74 | 20 | 74 | 80 |
| 1919..... | 46 | 96 | 122 | 47 | 102 | 145 | 43 | 81 | 147 |
| 1920..... | 34 | 30 | 48 | 32 | 21 | 42 | 21 | 27 | 50 |
| 1921..... | 111 | 117 | 109 | 128 | 124 | 104 | 134 | 123 | 118 |

T. means trace.

Snowfall Data. [In inches.]

| WATERSHED, COUNTY, STATION. | Elevation, feet. | Total snow-fall. | Compr'd with normal. | Am't on ground 15th. | Am't on ground end mo. |
|------------------------------------------|------------------|------------------|----------------------|----------------------|------------------------|
| Klamath Watershed. | | | | | |
| <i>Siskiyou County.</i> | | | | | |
| Yreka | 2,625 | 1 | ..... | 0 | 0 |
| <i>Trinity County.</i> | | | | | |
| Hayfork | 2,300 | 0 | ..... | 0 | 0 |
| Ruth | 2,925 | 4 | ..... | 3 | 0 |
| Weaverville..... | 2,162 | 2 | ..... | 0 | 0 |
| Mountain Lakes. | | | | | |
| <i>Inyo County.</i> | | | | | |
| Bishop Creek..... | 8,390 | T. | -37 | 16 | 10 |
| Independence..... | 3,997 | ..... | ..... | 0 | 0 |
| <i>Lassen County.</i> | | | | | |
| Madeline | 5,270 | 20 | + 9 | 5 | 2 |
| Standish | 4,000 | ..... | ..... | ..... | ..... |
| <i>Mendocino County.</i> | | | | | |
| Alturas..... | 4,400 | 9 | - 3 | 0 | 0 |
| Cedaryville..... | 4,675 | 7 | ..... | ..... | ..... |
| Fort Bidwell..... | 4,375 | 7 | ..... | ..... | ..... |
| <i>Nevada County.</i> | | | | | |
| Grass Valley..... | 2,690 | 1 | ..... | 0 | 0 |
| Nevada City..... | 2,850 | T. | - 6 | 0 | 0 |
| North Bloomfield..... | 3,214 | ..... | -11 | T. | 0 |
| <i>Placer County.</i> | | | | | |
| Tahoe | 6,230 | 18 | -38 | 54 | 45 |
| <i>Mono County.</i> | | | | | |
| Shields Ranch..... | 3,500 | T. | ..... | 0 | 0 |
| Sacramento Watershed. | | | | | |
| <i>Alpine County.</i> | | | | | |
| Markleeville | 5,525 | 20 | ..... | T. | T. |
| Tamarack..... | 8,000 | 29 | ..... | 123 | 118 |
| Twin Lakes..... | 7,870 | ..... | ..... | ..... | ..... |
| <i>Butte County.</i> | | | | | |
| De Sable | 2,500 | 10 | + 2 | 6 | 0 |
| Instkip | 4,975 | 38 | -12 | 108 | 97 |
| West Branch | 3,216 | 12 | - 8 | 20 | 2 |
| <i>Nevada County.</i> | | | | | |
| Deer Creek | 3,700 | 15 | -13 | 20 | 6 |
| Fordyce Dam | 6,500 | 52 | -24 | 117 | 109 |
| Lake Spaulding | 4,600 | 32 | -14 | ..... | ..... |
| <i>Placer County.</i> | | | | | |
| Blue Canon | 4,695 | 32 | -14 | 26 | 10 |
| Emigrant Gap | 5,230 | 37 | -23 | 55 | 47 |
| Summit | 7,017 | 45 | -31 | 124 | 104 |
| <i>Plumas County.</i> | | | | | |
| Canon Dam | 4,570 | 16 | ..... | 52 | 39 |
| Chester | 4,550 | 10 | -16 | 47 | 41 |
| La Porte | 5,000 | 33 | -18 | 67 | 62 |
| Portola | 4,832 | ..... | ..... | ..... | ..... |
| Quincy | 3,400 | 7 | - 6 | T. | T. |
| <i>Sierra County.</i> | | | | | |
| Downieville | 3,150 | 5 | - 3 | 0 | 0 |
| Sierraville | 5,000 | 8 | -12 | 6 | 2 |
| <i>Siskiyou County.</i> | | | | | |
| McCloud | 3,270 | 13 | 0 | 40 | 27 |
| Sisson | 3,555 | 13 | - 7 | 15 | 2 |
| <i>Yuba County.</i> | | | | | |
| Camptonville | 3,500 | 6 | -11 | 4 | 0 |
| San Joaquin Watershed. | | | | | |
| <i>Calaveras County.</i> | | | | | |
| Calaveras Ranger Station | 3,400 | ..... | ..... | ..... | ..... |
| <i>Fresno County.</i> | | | | | |
| Camp Seven | 6,950 | 22 | ..... | 70 | 54 |
| Cascada | 4,900 | 28 | ..... | 14 | 0 |
| Hume | 5,300 | ..... | ..... | ..... | ..... |
| Huntington Lake | 6,950 | 46 | ..... | 81 | 58 |
| <i>Kern County.</i> | | | | | |
| Glenville | 3,300 | 8 | + 2 | 2 | 0 |
| <i>Mariiposa County.</i> | | | | | |
| Dudley's | 3,000 | 10 | ..... | 7 | 0 |
| Glacier Point | 7,000 | 38 | ..... | 87 | 72 |
| Yosemite | 3,945 | 18 | - 3 | 30 | 14 |
| <i>Tulare County.</i> | | | | | |
| Hot Springs | 3,300 | 0 | - 3 | 0 | 0 |
| Springville | 4,000 | 25 | + 5 | 15 | 0 |
| <i>Tuolumne County.</i> | | | | | |
| Hetch Hetchy | 3,665 | 23 | +11 | ..... | 0 |
| Lake Eleanor | 4,700 | 32 | + 4 | 23 | 5 |
| Mountains of Southern California. | | | | | |
| Cuyamaca | 4,677 | 5 | - 6 | 2 | 0 |
| Julian | 4,222 | 5 | ..... | 2 | 0 |
| Mount Wilson | 5,704 | 8 | ..... | 4 | T. |
| Nellie | 5,350 | 6 | ..... | 3 | 0 |
| Seven Oaks | 5,000 | ..... | ..... | ..... | ..... |
| Squirrel Inn | 5,280 | 10 | - 6 | 3 | 0 |