

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

CLIMATOLOGICAL DATA

CALIFORNIA SECTION

FEBRUARY, 1915

BY

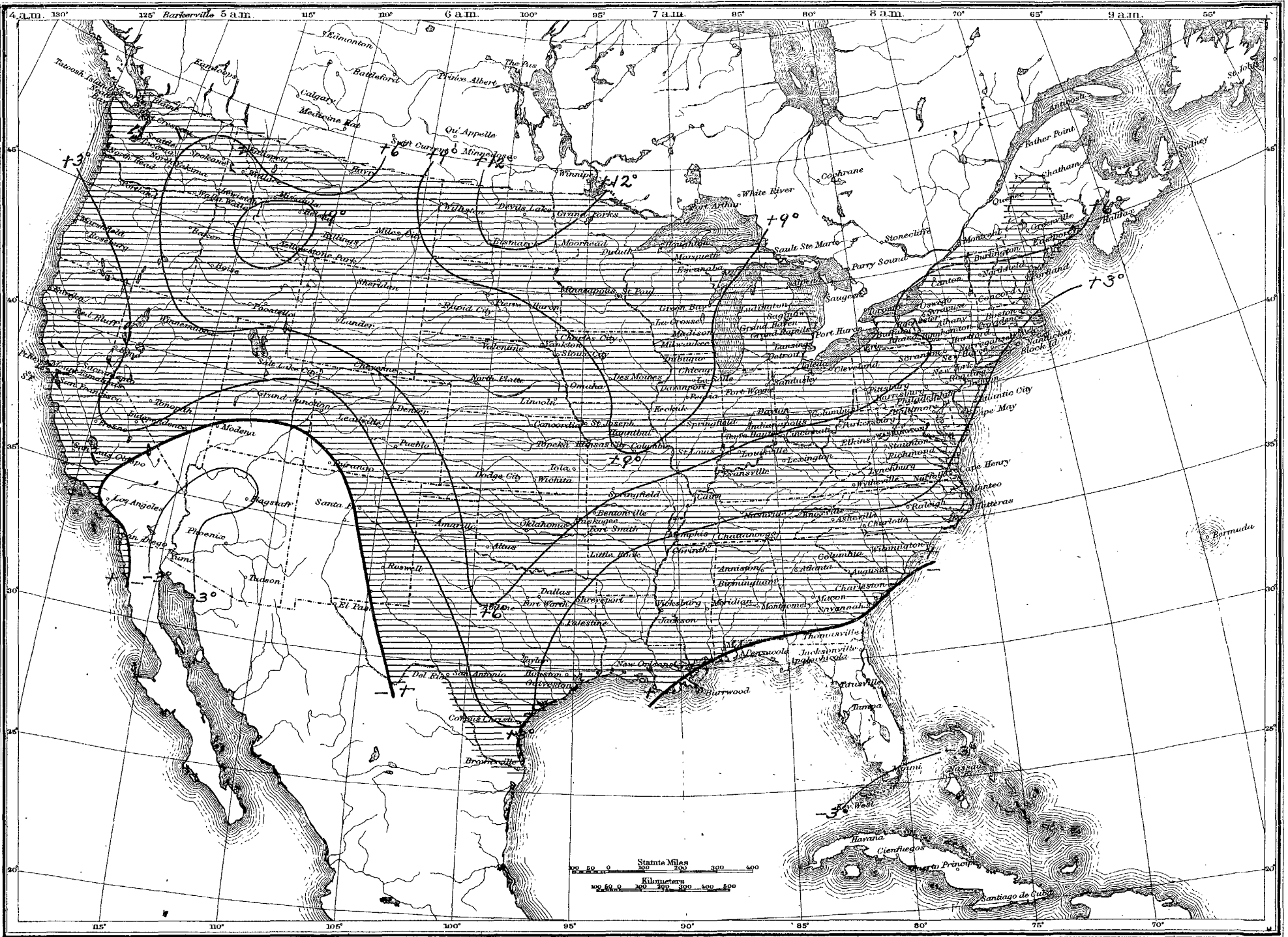
GEORGE H. WILLSON

DISTRICT FORECASTER AND SECTION DIRECTOR



SAN FRANCISCO, CAL.
WEATHER BUREAU OFFICE
MARCH 25, 1915

Departure of the Mean Temperature from the Normal, February, 1915.



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

CALIFORNIA SECTION.

G. H. WILLSON, District Forecaster.

VOL. XIX. SAN FRANCISCO, FEBRUARY, 1915. No. 2.

GENERAL SUMMARY.

Taking into consideration the average rainfall, the number of rainy days and the wind velocity, February, 1915, was a record-breaking month in California. It was the rainiest February on record, the average rainfall exceeding by two inches the greatest February rainfall since 1897, when State records were begun. The average rainfall was nearly six inches above the normal and only the north-eastern and south-eastern sections of the State showed a deficiency. The average number of rainy days for the State was fourteen and along the northern coast the average exceeded twenty days. No station was without rain during the month.

The depression which entered from the Pacific near the end of January was the first of a series of storms, remarkable for the low barometer at their centers and the high wind velocities accompanying them. This storm was followed almost immediately by a storm of still greater intensity. During the first three days of the month unusually high winds prevailed over the entire western portion of the State, paralyzing shipping, blowing down timber and even damaging houses. At Point Reyes the highest velocity recorded was ninety-five mile an hour, and velocities of ninety miles an hour occurred at intervals for nearly seven hours on the 1st and 2nd. Although steamers were forced to run for harbors all along the coast to escape the storm, the damage to shipping was slight. In San Francisco harbor a dozen ships dragged their anchors and serious accidents were narrowly averted. All ships were bar-bound for thirty-six hours, street-car service was interrupted, trees and poles were blown down and windows broken. Heavy rains accompanied the storm, causing floods in small rivers that caused considerable damage. Railroad traffic in the north was interrupted for two days by land-slides.

The third storm was accompanied by high winds and much rain, with practically a repetition of the damage done by the last disturbance. The Sacramento river reached the flood stage and broke through the levees in places, flooding large stretches of agricultural land. Small streams again over-flowed large areas of flat land and a large number of people were forced to seek higher ground temporarily.

There was practically no damage from frost during the month, and all crops are in excellent condition. The snowfall was above normal over the whole State and at the end of the month the outlook for the season's water supply was the best in years.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea-level, was 29.98 inches.

The highest was 30.45 inches at Fresno on the 4th.

The lowest was 28.94 inches at Point Reyes on the 2nd.

The range for the State was 1.51 inches.

TEMPERATURE.

The monthly mean temperature for the State was 46.6 degrees, which is 1.9 degrees below the normal.

The highest monthly mean was 61.4 degrees at Mammoth Tank and the lowest was 23.5 degrees at Bridgeport.

The highest temperature, 89 degrees, occurred at King City on the 1st and the lowest was -20 degrees at Bridgeport on the 13th.

The range for the State was 109 degrees.

PRECIPITATION.

The average precipitation for the State was 10.08 inches or 5.67 inches above the normal.

The greatest monthly amount was 38.74 inches at Upper Mattole.

The least monthly amount was 0.02 inch at Calexico.

The greatest amount in 24 hours was 8.90 inches at Stirling City on the 2nd.

RELATIVE HUMIDITY.

The mean relative humidity from observations taken at 5 a. m. and 5 p. m., for each of the regular Weather Bureau stations, was as follows: Eureka 83; Fresno 72; Independence 73; Los Angeles 76; Mount Tamalpais 94; Red Bluff 88; Sacramento 81; San Diego 78; San Francisco 78; San Jose 84; San Luis Obispo 81.

WIND.

The prevailing direction of the wind was south.

SUNSHINE AND CLOUDINESS.

At Eureka there were 58 hours of sunshine during the month or 19 per cent of the possible; at Fresno 135 hours or 45 per cent; at Los Angeles 170 hours or 56 per cent; at Mount Tamalpais 55 hours or 18 per cent; at Red Bluff 107 hours or 36 per cent; at Sacramento 120 hours or 40 per cent; at San Diego, 180 hours or 58 per cent; at San Francisco 108 hours or 36 per cent; at San Jose 117 hours or 37 per cent; at San Luis Obispo 114 hours or 37 per cent.

MISCELLANEOUS PHENOMENA.

Thunderstorms.—Abbotts, 2, 3; American Camp, 16, 20; Angels Camp, 2; Arrowhead Springs, 11; Avery, 17, 20; Berkeley, Chester, 16; Chino, Claremont, 11; Colusa, 16; Converse Nursery, 2, 11, 28; Deer Creek, 16; Dudleys, 3; Dunlap, 2, 16; Eureka, 8; Fairmont, 28; Fontana, 11, 20; Fort Bragg, 8, 15; Fort Ross, 7; Glennville, 14; Kennett, 8; Le Grand, 17; Letter Box, 16; Lindsay, 19; Milo, 16; Milton, 20; Mitchell Mill, 16; Newhall, 28; North Bloomfield, 16; Ojai Valley, 2, 28; Peachland, 7; Point Reyes, 7, 10; Red Bluff, 20; Rialto, 11, 28; Sacramento, 16; Salinas, 1; San Bernardino, 11; San Francisco, 16; San Luis Obispo, 2; Three Rivers, 10, 16; Valley Springs, 9, 16; Weitchpec, 22; West Branch, 16; Yosemite, 17.

Earthquakes.—Abbotts, Arbolado, 28; Calhulla, 17; Eureka, 18; Hollister, Jolon, 28; Julian, 16; Point Loma, 17, 22; Rohnerville, 18; Salinas, Spreckels, 28.

OBSERVERS NOTES.

Corona.—Until the beginning of this month there had been virtually no runoff, but during February there was a heavy runoff with each storm. No damage was noted, but picking and orchard work has been considerably delayed by the continuous rain.—J. W. Garthwaite.

El Cajon.—The ground is saturated and light rains produce heavy runoffs. Grain is doing well and all vegetation is thriving. Wild flowers are in early bloom. Reservoirs are setting new high water marks for the season of the year. Cleared hill lands are washing badly.—H. H. Kessler.

Wesley.—On the 7th at 3:00 p. m. a very heavy south wind blew off the roofs of barns, wrecked a brick chimney and overturned two wind-mills.—W. G. Carey.

Yosemite.—It is estimated that we have more snow in the high Sierras than for years past. The water falls should be good all season.—J. P. Kelly.

Climatological Data for February, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.				Prevailing direction of wind.	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).	Precipitation 0.1 inch or more.	Clear.	Partly cloudy.			Cloudy.	
Alturas	Modoc	4,400	11	36.2	.....	54	6	15	10†	35	1.94	+0.86	0.45	7.0	19	3	9	16	s.	Prof. C. B. Towle.
American Camp	Tuolumne	3,200	15	43.8	.....	64	15	22	21	24	14.71	.....	2.29	18.0	18	4	6	18	s.	U. S. Forest Service.
Angiola	Tulare	208	15	46.6	-3.3	63	16	30	11†	30	3.40	+2.55	1.06	0	7	6	1	21	n.w.	Santa Fe Co.	
Antioch**	Contra Costa	46	36	54.6	+3.8	75	14	31	6	.....	4.95	+2.95	0.80	0	14	11	0	17	se.	Southern Pacific Co.
Aptos**	Santa Cruz	102	30	52.6	+3.1	62	18†	40	3	.....	9.28	+4.85	1.28	0	16	2	10	16	se.	do
Arrowhead Springs	San Bernardino	2,000	6	50.6	.....	67	7	33	20	28	9.32	.....	2.67	0	12	14	4	10	ne.	John Jurgens.
Auburn	Placer	1,360	44	46.6	-1.5	61	15†	31	21	22	10.04	+4.46	1.30	0	20	5	4	19	ne.	Southern Pacific Co.	
Azulon	Los Angeles	30	5	55.2	.....	67	7	45	13	18	3.90	.....	1.16	0	15	14	9	5	w.	T. S. Manning.
Azusa	San Bernardino	540	13	50.6	-3.1	72	14	30	21	36	7.58	+4.33	1.76	0	11	11	3	14	s.w.	A. C. G. Fruit Exchange.	
Bagdad	Kern	784	12	53.6	-3.7	71	3†	34	6	44	2.46	-1.06	0.46	0	1	.....	.....	.....	.....	Santa Fe Co.
Bakersfield	Kern	404	26	52.6	+3.1	75	6†	31	6	38	1.51	+1.64	0.66	0	9	15	4	9	.....	do
Barstow	San Bernardino	2,105	12	46.9	-4.8	67	8	30	21	22	8.18	+3.54	0.35	0	19	6	15	5	w.	E. L. White.	
Berkeley	Alameda	317	28	50.9	+0.9	63	25†	37	21	22	8.18	+3.54	0.35	0	19	6	15	5	w.	State University.	
Betteravia	Santa Barbara	155	2	53.7	.....	68	17†	36	11†	28	7.08	.....	2.74	0	15	5	15	5	se.	Union Sugar Co.
Biggs**	Butte	98	16	.....	.....	.....	.....	.....	.....	.....	7.27	+3.83	1.20	0	13	8	5	15	sw.	Southern Pacific Co.
Bishop	Inyo	4,450	20	40.0	-3.0	65	22	18	4	46	1.69	+1.01	0.92	1.0	3	16	3	9	sw.	Paul E. Lodge.	
Bishop Creek	do	8,500	5	26.2	.....	42	1	8	12†	28	.....	.....	.....	112.0	.....	15	0	13	.....	do
Blocksburg	Humboldt	1,700	9	42.8	.....	60	14	29	21	24	20.81	.....	5.01	3.0	22	2	2	21	se.	Victor Hope.
Blue Canon	Placer	4,695	16	36.0	-2.9	59	14	15	21	34	25.45	+12.66	3.25	127.0	21	5	3	20	n.	Southern Pacific Co.	
Blythe	Riverside	268	6	54.4	.....	78	7†	28	22	49	0.63	.....	0.61	0	1	13	7	8	u.	C. L. Suits.
Branscomb	Mendocino	2,000	15	42.4	-2.3	64	14	26	12†	35	30.73	+13.18	7.93	4.5	22	4	4	20	sw.	A. J. Haun.	
Brasley	Imperial	1,055	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	M. D. Witter
Bridgeport	Shasta	6,500	1	23.5	.....	45	1	-20	13	54	3.01	.....	1.36	28.5	8	7	8	13	s.	A. F. Scott.
Burney	Shasta	3,300	5	.....	.....	56	26	19	12	29	9.19	.....	1.90	10.0	16	6	4	19	sw.	Mrs. M. D. Chambers.
Cañuilla	Riverside	3,600	4	37.3	.....	63	16	12	12	45	6.93	.....	1.02	2.0	8	16	5	7	e.	Dr. W. L. Shawk.
Calico	Imperial	0	10	59.2	+1.5	79	26	40	13†	38	0.02	-0.78	0.02	0	1	26	1	1	.....	J. E. Peck.
Caliente**	Kern	1,200	39	47.9	-3.9	61	8	31	14	.....	3.70	.....	1.06	0	6	3	0	25	se.	Southern Pacific Co.
Calistoga**	Napa	363	43	46.4	-3.7	65	18	29	12†	.....	19.84	+14.02	3.36	0	14	3	0	25	se.	do
Campbell	Santa Clara	217	18	50.0	-0.3	64	17	35	25	25	7.50	+4.94	2.20	0	15	5	10	13	sw.	F. M. Righter.	
Camptonville (near)	Yuba	3,500	8	40.8	.....	58	14†	23	21	26	18.96	.....	2.95	23.5	20	5	2	21	sw.	Cal. Gas and Electric Co.
Canyon Dam	Plumas	4,570	1	32.5	.....	56	26	14	20†	30	14.33	.....	2.70	31.0	20	4	5	19	s.	K. W. Roberts.
Cedarville	Modoc	4,675	21	.....	.....	.....	.....	.....	.....	.....	.....	-0.77	0.32	5.0	8	2	16	10	sw.	T. H. Johnstone.
Centerville	Butte	490	1	48.0	.....	63	26	30	13	29	16.26	.....	3.63	0	19	6	1	21	s.	Pacific Gas & Electric Co.
Chico	do	189	45	49.6	-0.7	68	15	30	13	30	10.33	+6.57	2.22	0	19	8	2	18	s.	G. H. Stephenson.	
China Flat	Humboldt	600	6	47.6	.....	63	6†	34	14	28	18.39	.....	7.11	T.	19	2	10	16	s.	O. I. Westenburg.
Chino**	San Bernardino	714	23	52.6	-0.8	74	7	32	19	.....	5.04	+2.45	2.00	0	7	10	4	14	sw.	Southern Pacific Co.
Cisco**	Placer	5,034	44	34.6	+3.7	44	7	25	28	.....	23.27	+13.91	3.62	211.0	17	6	0	22	sw.	do
Claremont	Los Angeles	1,200	23	49.4	-2.7	71	7	7	30	21	34	5.97	+3.23	1.55	0	11	12	11	5	e.	Prof. F. P. Brackett.
Cloverdale	Sonoma	340	13	49.1	-0.9	68	14	30	21	34	19.98	+11.60	3.83	0	18	7	0	21	s.	John O. Ogle.	
Coalinga	Fresno	663	3	49.0	.....	72	8	30	21	33	3.22	.....	1.19	0	14	8	10	10	w.	Union Oil Co.
Colfax	Placer	2,421	4†	42.4	-3.5	62	16	25	21	25	17.98	+10.33	1.96	0	18	9	2	17	s.	Union Pacific Co.	
Colusa	Colusa	60	12	49.7	0	62	25	36	21	18	6.30	+3.71	1.34	0	12	10	2	16	sw.	C. D. McConish.	
Converse Nursery	San Bernardino	6,000	1	37.2	.....	58	14	13	21	32	14.25	.....	2.92	38.0	13	7	10	11	sw.	Edw. N. Munns.
Corning**	Tehama	277	29	53.1	+4.3	77	26	35	10†	.....	10.84	+7.07	1.95	0	15	7	0	21	s.	Southern Pacific Co.
Corona	Riverside	615	1	50.8	.....	71	6	33	21	33	5.37	.....	1.49	0	11	7	4	17	nw.	J. W. Garthwaite.
Crescent City	Del Norte	125	1	47.4	+0.2	63	6	32	14†	25	15.66	+1.37	3.09	0	21	5	5	18	sw.	Thos. E. Peacock.	
Cuyamaca	San Diego	4,677	16	39.6	+1.8	56	8†	23	4	27	12.32	+4.44	2.95	6.2	13	3	6	19	w.	Cuyamaca Water Co.	
Davis	Yolo	51	43	50.1	-1.5	68	26	32	21	28	5.01	+2.17	0.97	0	14	4	18	6	s.	S. H. Beckett.	
Deer Creek	Nevada	3,700	8	39.3	.....	59	15	20	21	30	23.85	.....	3.82	64.5	21	6	1	21	s.	Cal. Gas and Electric Co.
Del Monte	Monterey	25	4	54.0	.....	67	6†	40	13†	25	9.20	.....	1.90	0	17	8	10	10	sw.	H. R. Warner.
Delta	Shasta	1,138	30	49.4	-3.1	58	6	32	22	29	34.47	+25.20	8.41	0.5	15	5	1	22	nw.	Southern Pacific Co.	
Denair	Stanislaus	126	15	49.4	-0.8	62	15†	30	21	32	12.60	+0.21	0.96	0	4	5	2	21	s.	Santa Fe Co.	
De Sable	Butte	2,500	11	41.4	.....	61	15	24	13†	33	23.34	+16.74	4.85	13.0	20	5	3	20	sw.	Cal. Gas and Electric Co.
Dobbins (near)	Yuba	1,650	11	48.8	-2.6	66	14†	32	21	37	27.10	+5.96	2.03	1.0	19	5	6	17	s.	do	
Downsville	Sierra	3,150	4	40.2	61	15	24	13†	33	23.34	4.01	16.8	21	0	15	4	0	J. T. Mason.
Dudley	Kings	595	3	49.2	.....	65	7	31	21	27	4.27	.....	1.02	0	11	2	15	11	sw.	Producers Trans. Co.
Dudleys	Mariposa	3,000	6	40.8	.....	60	15	14	21	32	13.21	.....	1.92	29.0	17	5	9	14	sw.	W. H. Dudley.
Dunlap (near)	Fresno	2,800	3	44.0	.....	69	7	20	21	38	10.20	.....	2.70	9.0	15	0	5	23	.....	U. S. Forest Service.
Dunnigan**	Yolo	65	38	54.0	+4.8	64	26	42	13	.....	8.07	+5.08	1.80	0	11	8	4	16	s.	Southern Pacific Co.
Dunsmuir	Siskiyou	2,285	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	do
Durham	Butte	160	20	49.6	-0.2	65	16	32	13	28	9.37	+5.11	1.95	0	17	5	2	21	s.	R. W. Durham.	
East Park	Colusa	1	1	46.0	.....	62	18†	28	21	30	10.30	.....	2.98	0	15	5	5	18	s.	J. J. Lea.
Edison	Nevada	2,500	1	54.6	.....	83	7	39	21	27	3.87	+2.02	0.85	0	12	7	8	13	.....	So. Cal. Edison Co.
El Cajon	San Diego	482	16	53.0	-1.2	67	6	34	6	43	4.22	+1.55	1.05	0	12	18	1	9	sw.	H. H. Kessler.	
Electra	Amador	725	11	48.2	-3.1	71	6†	32	5†	28	10.34	+5.30	1.50	1.5	19	6	8	14	Cal. Gas and Electric Co.	
Emigrant Gap	Placer	5,230	41	29.6	-5.																

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				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Snowfall (un-melted).	Precipitation .01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Jamestown	Tuolumne	1,471	12	46.1	-1.4	65	9	29	22	33	11.20	+6.19	2.00	4.0	16	7	3	13	.....	Sierra Railway Co.
Kennedy Mine	Amador	1,500	1	46.5	.....	63	27	27	20	23	7.63	+1.27	1.46	1.5	15	.....	.....	.....	Webb Smith.	
Kentfield	Shasta	730	3	45.8	.....	63	15	32	11	28	26.97	.....	5.47	0	20	.....	.....	.....	C. H. Kremers.	
King City	Marin	65	27	49.0	.....	61	26	30	21	25	18.98	+5.28	2.49	0	19	6	6	16	.....	R. Cunningham.
Lake Eleanor	Monterey	333	28	59.6	+9.8	89	1	28	11	52	3.79	+1.82	1.03	0	12	6	6	16	.....	Southern Pacific Co.
Lake Spaulding	San Diego	2,715	1	51.4	.....	69	8	37	11	17	11.94	.....	2.85	0	12	3	3	18	.....	Ben Amago.
La Porte	Tuolumne	4,700	5	35.0	.....	54	14	8	21	35	12.66	.....	2.95	69.2	14	6	5	17	.....	Lasley Lee.
Las Plumas	Nevada	4,600	1	35.8	.....	58	16	16	18	36	22.80	+10.65	4.00	94.0	19	.....	.....	.....	M. Magnusen.	
La Grande	Plumas	5,000	21	32.9	-2.1	63	14	13	21	29	11.37	-2.40	1.05	89.5	20	5	5	18	.....	C. W. Hendel.
Lick Observatory	Butte	506	1	49.6	.....	67	15	36	21	29	15.60	.....	3.08	0	19	2	5	21	.....	Great Western Power Co.
Lindsey	Merced	255	15	49.6	.....	66	7	33	14	37	4.42	+2.20	1.20	0	8	7	24	.....	Santa Fe Co.	
Livermore	Santa Clara	600	20	51.4	.....	73	8	32	4	28	2.00	-2.27	1.45	0	15	4	8	16	.....	H. H. Howard.
Lone Pine	Tulare	4,209	26	37.2	-3.2	52	14	25	21	20	11.33	+6.41	1.50	4.0	19	2	5	21	.....	The Director.
Los Angeles	Tulare	384	1	52.5	.....	75	8	30	4	36	4.19	.....	1.11	0	13	7	4	17	.....	Basil Prior.
Los Banos	Alameda	485	44	52.0	-0.4	76	23	31	12	33	5.79	+3.38	1.10	0	19	3	9	16	.....	E. G. Still.
Los Gatos	Inyo	3,728	10	45.7	+1.8	70	5	24	5	46	0.85	-0.19	0.55	0	3	17	11	0	.....	G. F. Marsh.
Lucas Valley	Los Angeles	293	38	54.7	+0.6	72	6	41	21	26	5.09	+1.82	1.85	0	8	6	10	12	.....	U. S. Weather Bureau.
Madeline	Merced	121	28	49.4	-1.5	67	1	40	12	.....	18.75	+17.58	8.75	0	11	10	0	18	.....	Southern Pacific Co.
Mammoth Tank	Santa Clara	600	28	50.5	+0.5	63	5	35	21	23	17.81	+12.23	4.10	0	17	5	4	19	.....	F. H. McCullagh.
Marysville	San Diego	2,250	1	49.0	.....	70	28	28	21	36	9.14	.....	3.50	0	11	4	6	18	.....	R. Wuest.
Mecca	Siskiyou	3,410	5	36.4	.....	57	14	16	12	39	20.53	.....	4.18	32.0	20	7	6	15	.....	F. F. Spencer.
Middlewater	do	4,528	10	30.5	.....	50	17	-6	21	46	2.45	.....	1.00	17.0	5	4	5	19	.....	Butte Valley Land Co.
Mill Creek-1	Lassen	5,270	6	28.7	.....	45	5	1	13	43	1.32	.....	0.30	11.5	9	6	7	21	.....	J. H. Williams.
Mill Creek-2	Butte	2,321	11	42.6	-2.6	69	14	30	12	30	29.50	+18.24	7.00	1.0	19	7	9	19	.....	C. W. R. Co.
Milton (near)	Imperial	257	37	61.4	+2.5	76	9	24	37	14	47	0.04	-0.48	0	1	20	6	2	.....	Southern Pacific Co.
Mineral	do	640	4	49.6	-1.7	66	9	30	4	38	2.77	.....	1.31	0	10	8	12	8	.....	Union Oil Co.
Modesto	Yuba	67	44	49.6	-1.7	66	23	30	21	30	6.95	+3.85	0.84	0	16	7	0	21	.....	Southern Pacific Co.
Mokelumne Hill	Riverside	185	9	55.1	.....	75	26	35	8	35	0.65	.....	0.55	0	1	15	12	1	.....	E. A. Palmer.
Montague	Merced	173	41	51.0	0	70	18	32	21	25	3.41	+1.91	0.92	0	13	10	3	15	.....	Santa Fe Co.
Mount Tamalpais	Kern	803	4	50.9	.....	75	7	32	21	36	3.85	.....	1.15	0	11	2	20	6	.....	Union Oil Co.
Napa City	Amador	2,500	8	42.2	.....	69	15	27	21	34	15.88	.....	1.97	14.0	18	6	5	17	.....	Cal. Gas and Electric Co.
Napa (S. H.)	San Bernardino	2,950	1	52.3	.....	86	14	31	21	44	6.70	+3.00	1.95	0	9	10	8	.....	So. Cal. Edison Co.	
Nevada City	Calaveras	660	24	50.4	-0.4	63	7	35	21	18	6.18	+2.63	1.24	0	15	10	6	12	.....	J. H. Southwick.
Newhall	Tehama	90	43	54.5	+4.4	65	19	45	2	.....	3.24	+1.73	0.58	0	12	8	6	14	.....	U. S. Forest Service.
Newman	Calaveras	1,550	22	46.8	.....	66	15	31	20	27	10.82	+5.89	2.78	2.0	17	3	2	23	.....	Southern Pacific Co.
North Bloomfield	Siskiyou	2,450	27	40.3	-0.1	56	26	20	14	31	3.67	-2.08	1.10	4.5	11	3	11	14	.....	C. E. Prindle.
North Fork	Monterey	150	50	54.4	+3.2	64	4	20	14	31	8.91	+6.17	2.22	0	18	3	23	2	.....	T. E. De Boy.
Oakland	Marin	2,375	16	42.6	-3.0	51	13	32	20	12	6.96	+2.53	0.91	0	18	3	23	2	.....	Southern Pacific Co.
Oakland Grove	Napa	29	60	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	U. S. Weather Bureau.
Oceanside	San Bernardino	477	23	55.4	-2.2	78	7	42	1	32	1.17	-0.74	0.96	0	3	15	5	8	.....	Alex Hull.
Orland	San Diego	5,350	6	36.9	.....	53	1	19	4	29	16.78	.....	3.95	8.5	13	12	5	11	.....	A. R. Edgar.
Orleans	Nevada	2,850	23	42.8	-0.3	65	14	25	21	38	17.07	+8.88	2.45	10.0	21	5	4	19	.....	Santa Fe Co.
Oroville (near)	Los Angeles	1,200	38	50.9	+0.7	76	5	30	21	.....	7.74	-4.46	2.81	0	8	13	4	11	.....	N. H. Hargrave.
Oroville (near)	Stanislaus	91	26	50.3	-1.3	68	19	32	12	31	3.11	-1.40	0.77	0	11	.....	.....	.....	S. W. Marsh.	
Oroville (near)	Nevada	3,214	18	40.2	-3.0	60	15	20	21	32	19.98	+11.39	4.00	13.0	16	6	4	18	.....	Southern Pacific Co.
Oroville (near)	Madera	3,000	11	42.2	.....	69	16	17	21	35	10.71	+6.50	3.05	6.0	15	1	10	17	.....	E. S. Wengenheim.
Oroville (near)	Stanislaus	156	21	53.3	+5.2	67	28	34	21	.....	5.09	-2.64	0.97	0	18	9	6	13	.....	J. R. McIntosh.
Oroville (near)	San Diego	2,751	5	42.0	.....	61	7	22	4	29	6.70	.....	1.50	0	13	15	6	7	.....	U. S. Forest Service.
Oroville (near)	Alameda	36	39	51.8	+1.5	61	23	40	21	15	7.59	+3.65	1.04	0	19	3	8	17	.....	Southern Pacific Co.
Oroville (near)	San Diego	60	5	56.2	.....	77	6	38	22	28	5.75	.....	2.18	0	11	12	7	9	.....	U. S. Forest Service.
Oroville (near)	Ventura	900	9	51.0	.....	74	5	36	13	41	9.31	.....	3.40	0	11	12	7	9	.....	Chabot Observatory.
Oroville (near)	Glenn	254	33	49.1	-2.1	66	23	32	20	30	8.00	+5.07	1.55	0	16	9	8	11	.....	H. D. Brodie.
Oroville (near)	Humboldt	520	12	49.4	-1.0	71	26	34	21	32	8.26	-1.60	2.88	0	19	8	0	20	.....	W. H. Duncan.
Oroville (near)	Butte	250	31	50.1	-0.5	65	26	34	21	23	9.10	+4.77	1.81	0	16	4	1	23	.....	U. S. Rec. Service.
Oroville (near)	El Dorado	3,460	.....	38.7	.....	58	15	21	21	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	F. T. Hale.
Oroville (near)	Riverside	554	26	55.2	-2.8	74	27	40	8	.....	2.26	+1.38	0.82	0	5	17	4	7	.....	E. D. Fairchild.
Oroville (near)	Los Angeles	827	25	51.7	-0.7	72	7	33	3	35	5.86	-4.05	2.03	0	9	11	5	12	.....	U. S. Forest Service.
Oroville (near)	San Luis Obispo	800	28	49.8	+1.5	69	15	27	21	33	8.15	+5.22	2.60	0	16	12	7	9	.....	Southern Pacific Co.
Oroville (near)	Sonoma	190	19	49.0	-1.2	65	26	28	21	31	14.76	+7.19	2.14	0	20	7	12	9	.....	E. D. Sorver.
Oroville (near)	do	.....	1	50.4	.....	63	12	32	13	30	11.90	-8.22	2.01	0	19	8	15	5	.....	Dr. F. W. Sawyer.
Oroville (near)	Tuolumne	2,500	1	44.8	.....	60	3	20	18	24	12.80	.....	1.87	12.0	14	3	0	25	.....	E. H. Parnell.
Oroville (near)	El Dorado	1,875	26	44.6	+3.0	60	6	28	14	26	14.29	+7.98	1.86	2.0	16	4	8	16	.....	John Landis.
Oroville (near)	San Diego	302	9	54.5	.....	74	6	43	22	23	3.86	+1.75	0.81	0	15	17	3	8	.....	Jerome Ghiorso.
Oroville (near)	Marin	490	23	49.8	0	58	14	40	12	53	5.31	+1.84	0.98	0	15	17	3	8	.....	A. Baring Gould.
Oroville (near)	Los Angeles	857	8	51.1	.....	73	8	32	22	32	6.84	.....	2.03	0	18	4	10	14	.....	Bro. J. Dick.
Oroville (near)	Plumas	464	26	52.7																

Climatological Data for February, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.				Number of days.			Prevailing direction of wind.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Snowfall (unmelted).	Precipitation .01 inch or more.	Clear.			Partly cloudy.	Cloudy.	
Sierraville.....	Sierra.....	5,000	5	28.7	.....	45	26	-2	13	33	9.64	.....	2.10	40.0	10	2	0	26	sw.	C. D. Johnson.
Sisson.....	Siskiyou.....	3,555	26	34.6	-2.3	55	12†	5	21	40	11.54	+5.54	1.55	58.0	16	3	5	20	s.	Southern Pacific Co.	
Soledad**.....	Monterey.....	188	41	57.2	+7.0	77	20	40	3†	.....	5.20	+3.62	1.10	0	11	7	6	15	s.	do
Sonora.....	Tuolumne.....	1,825	4	45.2	62	7	30	12†	26	12.54	+6.42	1.80	7	0	15	4	7	17	sw.	Chas. P. Jones.
Spreckels.....	Monterey.....	48	1	52.3	.....	66	16	36	11†	25	6.00	+3.95	1.28	0	17	3	13	12	sw.	Spreckels Sugar Co.
Springville.....	Tulare.....	4,000	8	37.2	.....	65	7	19	4	45	8.37	.....	1.50	43.0	17	9	6	13	.....	Mrs. Claire McGeorge.
Squirrel Inn.....	San Bernardino.....	5,280	5	35.2	.....	49	11	18	22	20	13.38	+8.07	4.00	14.0	12	11	1	16	s.	A. D. Prantz.
Stanwood.....	Butte.....	2,140	11	44.2	+0.1	64	15	30	12	26	25.48	+15.33	4.00	5.0	14	5	3	20	sw.	Cal. Gas and Electric Co.	
Stirling City.....	do.....	3,525	11	40.2	.....	61	6	18	22	28	34.50	+24.61	8.90	36.0	19	7	1	20	se.	Butte Co. R. R. Co.
Stockton (S. H.).....	San Joaquin.....	23	44	51.2	+1.2	66	17	33	13	28	4.04	+1.69	0.82	0	15	4	8	16	se.	State Hospital.	
Storey.....	Madera.....	296	15	48.2	-0.4	69	7	31	21	2†	5.66	+2.87	1.21	0	9	13	7	0	.....	Santa Fe Co.
Suisun**.....	Solano.....	20	35	54.3	+2.5	72	25	39	21	.....	5.60	+2.26	1.40	0	17	0	0	28	sw.	Southern Pacific Co.
Sulphur Banks.....	Lake.....	1,350	3	.....	.....	.....	.....	.....	.....	.....	15.51	.....	3.20	0	13	.....	.....	.....	M. S. Walters.	
Summit.....	Placer.....	7,017	42	29.1	+0.3	40	15	12	21	21	16.15	+8.24	2.80	161.5	17	6	0	22	sw.	Southern Pacific Co.	
Susanville.....	Lassen.....	4,175	26	36.4†	+2.2	54*	6†	18*	13†	30*	2.51	-0.57	1.00	1.0	7	11	6	8	.....	G. H. Taylor.
Tahoe.....	Placer.....	6,500	1	28.8	.....	46	7	2	21	30	10.68	.....	1.75	97.0	12	4	9	18	s.	Mrs. Northrup A. Pomin.
Tamarack.....	Alpine.....	8,000	9	26.0	.....	48	4†	-5	19	46	10.90	+2.23	2.14	120.0	19	5	5	18	sw.	Cal. Gas and Electric Co.
Tehama.....	Tehama.....	220	44	51.4	-0.4	68	14	36	21	.....	10.79	-8.01	2.40	0	14	6	9	13	s.	do
Tejon Rancho.....	Kern.....	1,500	12	51.8	+0.9	72	7	35	20	23	5.28	-3.35	1.10	0	.....	5	6	17	.....	W. B. de Billier.
Three Rivers.....	Tulare.....	870	5	51.0	.....	78	7	30	4†	32	6.64	.....	1.52	T.	14	5	4	19	sw.	J. H. Pierce.
Towle.....	Placer.....	3,704	29	38.0	-4.0	68	14	19	21	33	22.60	+11.80	3.57	35.0	18	6	2	20	s.	Southern Pacific Co.	
Tracy**.....	San Joaquin.....	64	35	46.6	-3.9	62	27	32	12†	.....	2.32	+0.87	0.45	0	12	.....	.....	.....	do	
Truckee.....	Nevada.....	5,819	44	54.0	+6.0	53	16	12	14	37	9.50	+4.50	3.60	95.0	16	6	1	21	s.	Irvine Co.	
Tustin (near).....	Orange.....	125	1	53.2	.....	73	6	35	21	31	5.34	+2.76	1.52	0	11	8	15	5	sw.	U. S. Forest Service.
Twin Valley.....	Lake.....	.....	.....	42.4	.....	68	14	22	21	43	24.32	.....	5.30	0.5	19	5	3	20	s.	U. S. Forest Service.
Ukiah.....	Mendocino.....	620	22	47.0	-0.6	65	14	29	12	35	16.55	+10.38	3.40	0	19	4	8	16	s.	Dr. George McCowen.	
Upper Lake.....	Lake.....	1,350	30	46.2	-0.8	64	14†	30	3	33	13.33	+8.85	2.40	0	18	6	7	15	sw.	C. M. Hammond.	
Vacaville.....	Solano.....	175	27	.....	.....	64	26	.....	.....	.....	9.74	+5.60	1.39	0	17	4	10	14	sw.	J. E. Bassford.
Valley Springs**.....	Calaveras.....	673	26	52.6	+1.4	65	15	33	21	.....	6.25	-2.57	1.31	0	12	7	9	12	s.	Southern Pacific Co.
Visalia.....	Tulare.....	334	27	50.8	-0.5	71	18	29	21	31	3.31	+1.75	1.45	0	13	8	4	16	se.	Santa Fe Co.	
Walnut Creek.....	Contra Costa.....	149	1	48.6	-2.3	60	8†	32	21	25	7.49	+4.61	1.22	0	16	.....	.....	.....	R. L. Nougaret.	
Warner Springs.....	San Diego.....	3,165	7	45.2	.....	66	8	25	22	40	4.89	.....	1.21	T.	12	11	5	12	.....	J. A. Ream.
Wasco.....	Kern.....	836	15	49.9	+0.3	73	8	31	4†	30	4.20	-2.90	1.53	0	11	.....	.....	.....	Santa Fe Co.	
Watsonville.....	Santa Cruz.....	23	19	53.8	+1.9	70	5†	30	12	35	8.46	+4.55	1.56	0	18	2	16	10	w.	Spreckels Sugar Co.	
Weaverville.....	Trinity.....	2,162	3	41.2	.....	60	15†	23	21	33	12.44	+6.64	3.80	5.0	19	7	0	21	.....	U. S. Forest Service.
Weitchpec.....	Humboldt.....	1,700	5	41.6	.....	67	14	29	14	38	16.53	.....	5.00	5.0	18	10	4	14	sw.	M. E. Lathrop.
West Branch.....	Butte.....	3,216	1	58.4	.....	59	14†	20	21	32	27.31	.....	4.95	26.0	20	5	3	26	s.	Cal. Gas and Electric Co.
Westley.....	Stanislaus.....	90	26	51.8	-0.1	64	18	40	12	.....	3.99	-2.47	0.85	0	11	6	1	21	s.	Southern Pacific Co.
Wheatland.....	Yuba.....	84	28	50.3	+1.4	62	16†	34	21	20	6.07	+2.61	1.17	0	19	4	7	17	s.	Wm. Lumbard.	
Willows.....	Glenn.....	136	36	49.8	+1.0	66	26	31	21	30	8.14	+5.65	1.55	0	16	10	5	13	s.	F. E. Barnhouse.	
Yorba Linda.....	Orange.....	405	1	53.4	.....	71	6	33	21	30	3.76	.....	1.59	0	10	11	7	10	w.	S. J. Walker.
Yosemite.....	Mariposa.....	3,945	11	40.7	.....	63	27	23	21	32	11.61	+6.56	1.72	37.5	17	5	7	16	s.	J. P. Kelly.
Yreka.....	Siskiyou.....	2,625	26	39.3*	.....	56*	6	20*	14†	30*	3.49	.....	1.15	6.0	14	4	6	18	se.	U. S. Forest Service.
Section Means.....	.....	.....	.....	46.6	-1.9	.....	.....	.....	.....	.....	10.08	+5.67	.....	.....	14	7	6	15	s.	.....

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means.
 ** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.
 † Also on other dates.
 T. Precipitation is less than 0.01 inch rain or melted snow.
 a, b, c, etc., indicate respectively, 1, 2, 3, etc., days missing from the record.

COMPARATIVE DATA FOR FEBRUARY.
 (MEAN MONTHLY TEMPERATURE FOR THE STATE.)

1897.....	48.0	1907.....	53.3
1898.....	49.4	1908.....	46.8
1899.....	48.5	1909.....	46.6
1900.....	49.9	1910.....	46.0
1901.....	47.7	1911.....	43.7
1902.....	50.3	1912.....	49.7
1903.....	43.7	1913.....	46.7
1904.....	54.5	1914.....	48.4
1905.....	50.8	1915.....	46.6
1906.....	62.0	.....	.....

(AVERAGE PRECIPITATION FOR THE STATE.)

1897.....	5.85	1907.....	4.14
1898.....	2.95	1908.....	3.99
1899.....	0.45	1909.....	8.00
1900.....	0.94	1910.....	2.43
1901.....	6.03	1911.....	3.33
1902.....	8.14	1912.....	0.75
1903.....	1.76	1913.....	2.07
1904.....	7.91	1914.....	5.49
1905.....	4.24	1915.....	10.08
1906.....	4.88	.....	.....

DELAYED REPORTS.

Stations.	Month.	Temperature.					Total precipitation
		Mean	Max.	Date	Min.	Date	
Sisquoc Ranch.....	December.	.....	.....	.....	.....	.....	4.77
Converse Nursery.....	January.	38.4	62	2†	17	16	5.97
Dunsmuir.....	37.5	53	19	18	23	10.28
Felton.....	12.12
Greenland Ranch.....	65.1	76	20	50	29†	1.10
Hearst (near).....	36.9	49	31	22	16	16.03
Madeline.....	23.6	44	2†	-4	21†	1.32
Modesto.....	47.2	65	28	24	10	2.81
Sanger.....	45.3	58	29	36	7	3.71
Tahoe.....	26.6	46	2	3	23	5.18

Daily Precipitation for February, 1915.

Stations.	Day of Month.																															Total		
	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			
Abbotts	.09	1.97	1.69					1.60	2.11	.94	.06	.11				.21	.77	.05			.44		.11		.28	.25				.17			10.85	
Azuanga		1.20	.35					.03	.84	1.11	1.36	.05				.13	.15	.21	.02	.03	.01	.02	.01	.14	.05							5.91		
Alturas	.01	.76	.06					.03	.02	.13	.04					.40	.15	.21	.02	.03	.01	.02	.01	.14	.05							1.94		
American Camp	1.16	1.50	.50		.01			2.29	1.37	1.24	1.10					1.50	1.53	.65	.02	.90	.20	.20	.05	.16	.08							1.28		
Angels Camp	.82	.76	.66					.63	1.81	.93	.67					.33	.89	.43	*	1.15	.22											1.05		
Angiola		.56						1.06	.20	.65						.23					.35											.35	3.40	
Aniolo Valley	.10	.87	.53					1.95	.56	.14	.03					.32					.35				.53							5.38		
Antioch	.54	.71	.21					.35	.80	.44	.17					.05	.29			.25		.15		.16	.15							.68	4.95	
Aptos	.90	1.10	.63	.05				1.20	1.28	.98	.25					.18	.37	.04		.41	.08	1.18		.35								.33	9.23	
Arbolado	.70	1.80	.32					* 4.45	.87	.93	.23					1.10		.19		1.19	.17	.47	.63	1.04	.61							.12	14.82	
Arrowhead Springs	.92	.70						* 2.67	1.04	.21					.17	.31			.10	.90		.10	.90	.50								1.10	9.32	
Auburn	1.18	1.20	.85	.10				.76	.80	.78	.50	.01				2.11	.30	.45	.02	.55	.26	.09	.05	.26	.05							.62	10.04	
Avalon	.07	.67	.05					1.16	.07	.37	.02					.25	.09	.03	.03	.27	.01		.75	.06									3.90	
Azusa	.07	.75	.60					1.72	1.30	.59						.19	T.	.05			.22	.39		1.76								.01	7.58	
Bagdad									.06	.05	.46										.34			.07									0.46	
Bakersfield		.23	.11					.66	.06	.30	.34										.30			.35	.11							.55	2.41	
Barstow		.35						1.10	.65	.89						.18						1.23			.63								1.51	
Bear Valley		.84						1.10	.65	.89																							5.52	
Bear Valley Dam																																		
Beaumont	.28	1.25						.31	2.80	1.75	.13					.18	.08			.69				.65	.07							.58	8.77	
Beaumont (near)		1.51						3.00	1.92	.20						.51				.63				.60	.12							.63	9.12	
Belotta	.87	.21	.74	.03				1.12	.72	1.10	.11					.13	.15	.29		.41	.05		.06	.13								.50	5.62	
Ben Lomond	3.05	.92	.30					3.20	2.02	1.49	.35	.05				.98	.71	.08	T.	.68		2.42	1.09	.65	.47							.20	17.76	
Berkeley	.17	.96	.05	.29				1.06	.74	.32	.69	.02				.82	.41	.03	.02	.51		1.06	.22	.37								.04	8.18	
Betteravia	1.13	.50						2.02	.74	.33	1.0	.07				.13	.06			.82	.17		.20	.34								.25	7.08	
Big Bar	3.00	2.80	.87	.12	T.	T.		.65	.81	.34	.13	.03				.03	.14	.04	.86	.19	.29	.39	.03									.34	12.59	
Biggs	1.20	.35						.85	.70	.82	.10					3.01	.05				.20	.40		.20	.25							.85	7.27	
Bishop	.92	.62							.06	.05	.15																						1.69	
Blocksburg	5.01	3.02	.92	.20				3.01	3.55	.97	.53	.20				1.74	1.14	.24	.20	.80	.30	1.45	.45	.53	.01	.54	.80	.11				.90	20.81	
Blue Canon	3.20	3.25	2.90	.50				4.01	1.00	1.40	.40					.65	2.72	1.90	.50	.20	1.00	.80	1.68	.35	.35	.15							9.90	
Blithe																T.			T.															0.63
Boca	.30	.70	2.60					.20	.60	.50	1.40	.40	.80			T.			T.			.20	.20									.30	9.90	
Boulder Creek	1.43	3.46	1.20	.38				* 3.61	2.54	1.16	.54					1.16	1.04	1.14	.85	.22	1.75	.37	.82	.63								.32	21.62	
Bowman's Dam																																		
Branscomb	7.93	5.35	1.65	.87				2.61	1.72	1.88	1.20	.46	.05			T.	1.67	1.46	.08	.26	1.02	.25	1.93	.28	1.56	.05						.75	30.73	
Brawley																																		
Bridgeport	.20	.50						1.36	.18	.36	.18					.18								.05										3.01
Burney	1.60	.67	.03	T.				T.	1.90	1.20	.10					1.10	.14		.09	.20	T.	1.02	.06	.20	.18							.24	9.19	
Cañuilla		1.30	.65					1.50				1.80					.13			.20	.60			.75									6.93	
Calixico																	.02																	0.02
Caliente	.60		.22					1.05		.50											1.00				.33								3.70	
Calistoga	1.97	2.78	1.15	.24				3.18	2.09	.45	.50					87.3	.36			.78			1.69	.10	.68								19.84	
Campbell	.12	1.60	.26	.02				.60	2.20	.45	.61	.02				.21	.26	.06		.50	T.		.10	.11	.16							.13	7.50	
Campo	2.95	1.25																																4.47
Camptonville (near)	2.75	1.81	1.18	.88				.25	1.88	.85	1.11	.09				1.03	1.32	.64	.15	1.42	1.13	1.10	.57	.79	.03							.15	18.96	
Canyon Dam	2.70	2.24	.41	.03				.78	2.23	.82	.34	.07				1.88	1.05	.15	.01	.30			.37	.12	.14								14.33	
Cedarville	.07	.05						T.	.25	T.	T.	.32				.16	T.						T.	.13	.07	T.							1.10	
Centerville	2.59	1.38	.25	.50				.36	1.74	1.06	.34					3.03	.83	.07	.60	.20	1.04	.22	.65	.03								.25	16.26	
Chester	.84	.90	.40	.50				1.01	.95	1.10	.10	.10				.60	.10	.20	.15		.30		.20	.08	.18	.06							.17	8.33
Chico	.64	1.18	.03	.08				.43	1.22	.47	.37					2.22	.25	.01		.28	.20	.60	.15	.74	.08								.30	10.33
Chico (near)	.72	1.17	.17	T.				1.06	1.09	.21	.37					* 2.36	.44		.07	.20	.17	.76	.11									*	1.44	
China Flat	7.11	1.65	.59					.41	1.50	1.60	.07	.17				.75	1.31	.18		.25	.12	.72	.19	.47								1.07	13.39	
Chino		.61							1.13	2.00	.48	.10				.16																		5.04
Cisco	1.15	2.80	3.40	.60				1.40	3.62	3.00	.60	.20				.20	1.20	1.00		2.00		.70	.50	.10	T.							.80	23.27	
Claremont		.76	.70					.98	1.55							.20	.05					.12	.44	.01									.15	5.97
Cloverdale	2.92	3.83	.52	.24	T.			1.62	2.53	.59	.49	T.				T.	2.05	.48		.12	.62	.04	.72	.27	1.13							.40	.01	19.58
Coalinga	.11	.78	.21						.15	.24	.03	.06				.07	.10			.02	.07	.06												3.21
Colfax	1.73	1.96	1.65	.68				1.94	1.46	.02	.66					.04	1.66	1.53	.28	.35		.28	.35	.38	.23	.11							1.14	
Colgate	2.08	1.90	.76	.50				.02	1.36	1.02	.53	.72	.04			.22	1.13	.41	.03	.81	.53	.22	.31	.41	.05								1.72	
Colusa	1.20	.01						.78	.66	.25						.65	1.34																	6.30
Converse Nursery		1.17	.58																															

Daily Precipitation for February, 1915.

Stations.	Day of Month.																														Total					
	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				
Glennville	T.	1.05	.13							1.16	.08	.90	.22								1.15		.01		.14	T.					.28		5.45			
Gold Run	3.10	2.48	.90	.60				1.60	1.73	.82	.47				*						.70		.90	.73	.20	.25		1.20			.20		20.11			
Gonzales	.32	1.20	1.02	.02				.29	1.27												.35	.20	T.	.10	.02								4.94			
Grass Valley	2.50	2.53	.63	.42				1.5	2.18	1.20	1.18	.11	.08								1.08	.94	.06	.76	.23	.63	.14		.03	1.06			18.44			
Gray Mountain																																				
Greenland Ranch																																				
Gridley	.85	1.18	.19					.97	.80	.83	.19											.29	.05	.64	.02	.48	.03					.97		8.90		
Groveland																																				
Guinda	1.78	.30		.03				1.01	.94	.46	.12										79	1.50		.14		.68	.08	.30	.25			.62		9.00		
Hanford																																				
Happy Camp	3.52	1.39	.32		.03			.26	.05	.25											.44	.38	.19	.26	*	.74	.25		.20			.11		8.29		
Hayfork	4.58	2.26	.74					.35	.96	.24	.13										.97	.44	.08	.06	.08	.04	.87	.39	.32		.31		12.82			
Head Dam	2.87	1.78	.82	.81				1.81	.95	.40	.17	.15									79	1.39	.36	1.42	.45	.45	.31	1.43	.02	.09	.72		17.56			
Healdsburg	2.02	4.30	.67	.29	T.	T.		1.96	1.19	.31	.23										1.20	1.44	T.	T.	.74	.18	.00	.04	1.40	.07	.34		18.38			
Hearst (near)	1.20	3.11	1.27	2.37	1.00	1.02		1.05	1.03	1.15											1.62	1.00			.51	1.43	.87		.50		.30		19.13			
Helen Mine	6.44	5.30	.77	.80				1.43	2.56	1.44	.61	.24									3.70	1.64		1.16	1.23	.23	2.54	.38	1.55	.66		31.68				
Hernandez	3.00	.55						.55	2.50	1.0	.30										.95	.05			.43						.15		9.11			
Hetch Hetchy	.88	1.10	.28	.02		.01		1.02	2.80	.85	.54										T.	.51	.56		.07	.49	.08	.44	.12	.05	.20	1.25		11.27		
Holcomb		1.95							1.80	2.50	1.40											.30				.55	.13	.15	.12	.24		.27		8.55		
Hollister	.43	.95	.94					.22	1.15	.30	.09	.12										.02	.16	.27									6.11			
Hornbrook	1.15	1.90	.15					.45	.51																									4.45		
Hot Springs	1.5	1.27	.67																															7.32		
Hullville (near)	4.85	3.29	.95	.52	.02		1.15	1.90	.71	.27	.01										T.	1.77	.65	.01	1.8	.58	.18	1.62	.47	.97	.03	.45	.04	20.12		
Hume	.25	1.37	.37					1.02	.75	.89	.70											.25	1.30			.99				.05				10.21		
Hyampom	6.25	3.34	1.06	.06		.32	1.28	1.40	.19	.12											1.18	.70	.30		.10	.20	.22	.87	.87	.29	.05	.43		18.88		
INDEPENDENCE**		.07							.05	.03												.02												.42	.05	0.59
Indio		.08							.04	.45																									0.57	
Inskip	5.01	3.42	.55	.86			.86	2.24	1.96	.45	T.										4.38	2.58	.62		1.20	T.	1.48	.77	.80		.33	.78		28.29		
Ione	1.05	.05	.80				*	.30	.70	1.00												.15	.60		.40	.32	.10	*	.10			*	.75	6.32		
Jacksonville	1.20	.54	.83					.56	2.10	.61	.55	.16										.25	.33	.25		.96	.64	.07	.14	.04	.06			10.32		
Jamestown	.94	1.71	.72				.74	2.00	.52		1.02											.42	.87	.22	.40	.15	.02	.21	T.	.10		1.16		11.20		
Jenny Lind	.96	.40	.54					.07	.90	1.25												.16	.20	.18		.59	.42	.10	.10	.05	.04			5.92		
Jolon	.08	1.24	.52					.51	1.51	.88												.38	.50			.34	.11			.47	.34		.22		11.20	
Julian	.30	1.4	2.45	1.04				.94	1.16	1.46	.55											.14	.31	.18		1.02	T.			.76	.08			12.78		
Kennedy Mine	3.45	4.7	.09	.68			*	3.90	1.80	.32	.03										*	1.78	2.30	.71		.72	2.00	1.22	.72	.23		.22	.33	26.97		
Kentfield	1.31	2.29	.22	.18	T.		1.19	1.20	.79	.64												.68	.17	.35	.32	.71	1.10	2.49	.32	.04		.11	.14	13.98		
Kernville		.91						.78	.20													.35				.17				.05		.09		2.55		
King City			.43					1.71	.03	.67	.12	.28	.17								*				.27	.05			.30	.10				3.79		
Kinsley	.62	1.69	.60				*	1.02	1.31	1.24	.46											*	.85	.62		.77	.10	.23	.02	.08	.02	*	1.10		11.45	
Knights Landing	.41	.74	.12	T.				.57	.59	.47	.32	.08										.27	.32			.18		.26	.03	.50	.02			5.47		
La Grange	.47	.55	.25					.45	.97	.66	.22											.19				1.15		.16				.88		6.26		
La Jolla	1.64	.89						1.03	2.55	2.43	.39											.41				1.30	.10			.82	.04			11.94		
Lake Eleanor	.87	1.47	1.21					.42	2.95	1.17	.52											.25	.90			.70	.41	.37		.27		1.15		12.66		
Lake Spaulding	4.00	2.40	1.10	.45			.10	2.90	1.85	1.15	.25											1.35	2.35	.60	T.	1.20	T.	1.10	.45	.20	.08	.10	.17	22.80		
La Porte	3.64	1.05	.62	.59			.17	.54	.55	.71	.05											.89	.73	.27	.03	.84	.03	.81	.50	.70		.90	.75	11.37		
Las Plumas	3.08	.57	.47				1.73	1.46	.87	.21												45	2.23	.27	.01	.47	.76	.39	.25	.91	.13		.85	.47	15.60	
Lathrop								.05	.37	.67	.12											.03	.10	.18		.18	.05	.15	.04	.14				3.32		
Laurel	1.22	2.40	.88	.14	.02			2.42	3.37	.32	.30											1.00	1.30	1.0	T.	.44	.14	1.87	.25	.81	.14		.22	17.94		
Le Grand	.30	.23						1.20	.21	.54													.56		.38		.94	.12	.21	.04				4.42		
Lemon Cove	.22	.40	.46	.05				1.45	.45	.52	.46											.05	.30	.05		.04	.68			.02	.05			5.20		
Lick Observatory	.95	1.11	1.50	.23			.48	1.23	.84	.22	.07											.20	1.10	.35	.61	.27	.66	.14	.80	.15			.42		11.33	
Lindsay	.13	.41	.30	.03				1.11	.30	.60	.60	.11										.02	.44	.02		.30	.42							4.19		
Livermore	.07	1.10	.33	.03			.05	.75	.42	.38	.17											.08	.25	.13	.01	.46	T.	.39	.10	.30	.02	T.	.75		5.79	
Lone Pine		.55						.20			T.											T.													0.85	
Lordsburg	2.25							2.95	.44															.33											7.85	
Los Alamos	T.	1.36	.46				T.	.95	2.08	.84	.12										T.	.25	.48		.06	.69			.51		.36			8.16		
LOS ANGELES***		1.05						T.	1.76	.53													.14	.09			.33		*	.99			.20		5.09	
Los Banos	3.75	2.00	2.50					3.00	1.00	1.50												*	.10			.10				.30		* 2.10			18.75	
Los Gatos	.68	3.70	.40				1.20	4.10	1.49	.92	.02											1.50	1.24	.04	.16	.49		1.14	.03	.43	*	1.20				

Daily Temperature for February, 1915.

Table with columns for Stations, days 1-31, and Mean. Rows list various California locations such as Alturas, Bakersfield, Barstow, etc., with their corresponding temperature data for each day of the month.

SNOWFALL IN THE MOUNTAINS.

The snowfall in the mountains during the month of February, 1915, was very heavy in all portions of the State, and it was well distributed throughout the month. The precipitation at the lower levels was mostly in the form of rain and the snow in the higher regions was very wet and settled rapidly. In most sections there was more snow on the ground at the end of the month than there was at the same time last year. The snow is packed hard and carries a large amount of water, insuring an ample supply for irrigation and power purposes during the coming summer.

The following data were obtained by weighing a cubic foot of snow taken from different depths in the snow banks:

Clover Valley.—A cubic foot taken from a bank 30 inches deep weighed 28 pounds.—L. Giudici.

Eagle Lake.—A cubic foot of snow taken from the surface of the bank weighed 26 1-2 pounds.—J. S. Spalding.

Letter Box.—There were 20 feet of snow on the ground and blocks containing a cubic foot each were taken at the following depths, from the top of the bank to the ground, 2 feet, 5, 8, 11, 13, 16 and 20, averaged 36 pounds each and varied from 29 pounds at the surface to 41 pounds at the bottom.—B. F. Darby.

Table Rock.—A cubic foot of snow taken from the surface weighed 20 pounds and melted 10 quarts of water, and one taken 4 feet below the surface weighed 27 pounds and melted 13 1-2 quarts.—Mrs. C. M. Hayes.

Chester.—There were 49 inches of snow on the ground and blocks of a cubic foot each from top to bottom weighed as follows: 22 1-2 pounds, 23 1-2, 29 and 30. One inch remaining on the ground was not weighed.—G. W. Olsen.

COMPARATIVE SNOWFALL DATA FOR JANUARY.

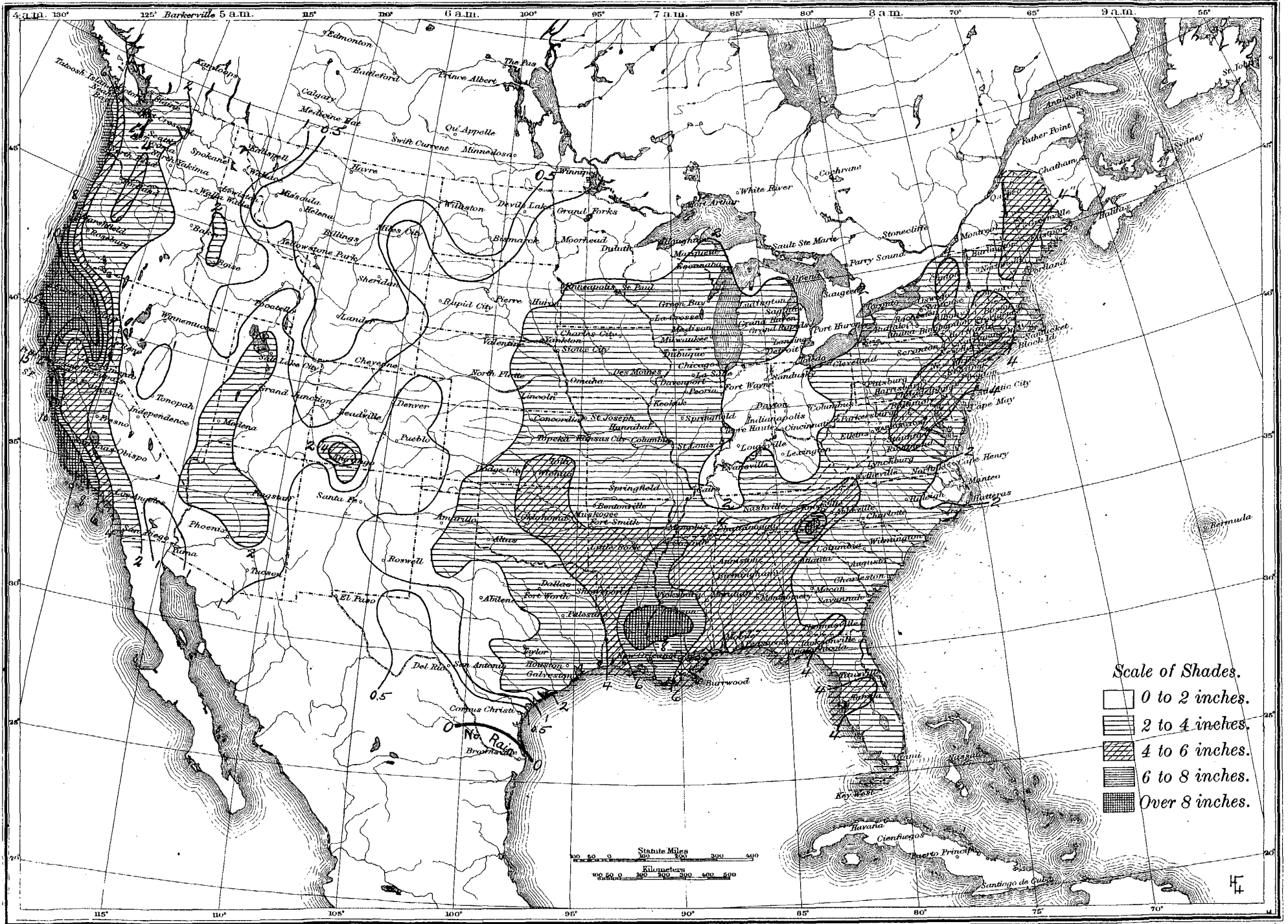
(Amount on the Ground.)

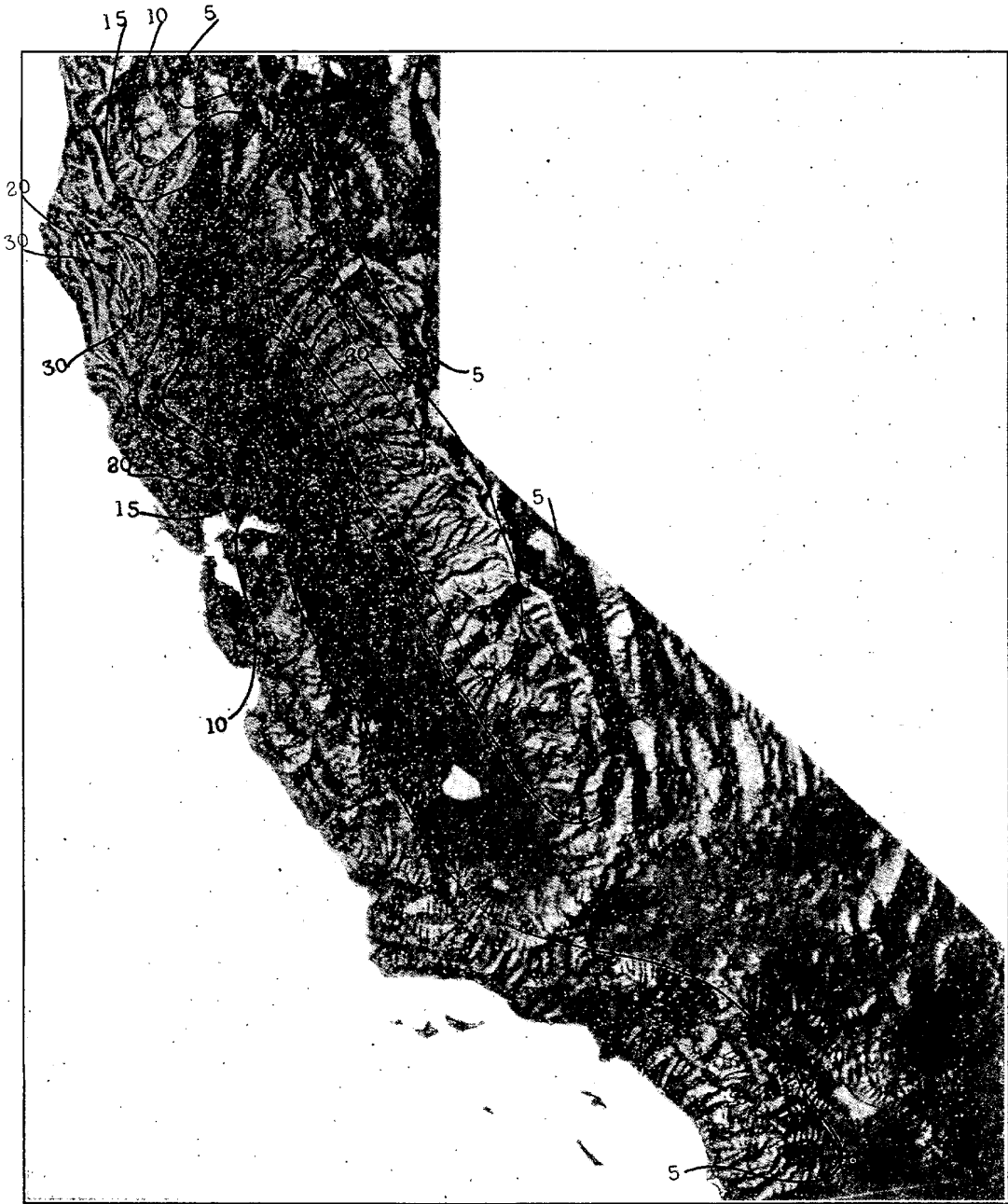
	FORDYCE DAM.			SUMMIT.			TAMARACK.		
	1st.	15th.	28th.	1st.	15th.	28th.	1st.	15th.	28th.
1907.....	86	67	81	137	95	88	182	122	97
1908.....	75	81	90	88	115	74	104	108	120
1909.....	105	157	138	172	224	218	190	234	256
1910.....	69	72	74	76	70	72	114	110	101
1911.....	123	138	120	223	240	215	320	407	434
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

Snowfall Data. [In inches.]

WATERSHED, COUNTY, STATION.	Total snow-fall.	Water equivalent.	Am't on ground 15th.	Am't on ground 31st.	Compr'd with normal.
Klamath Watershed.					
<i>Siskiyou County.</i>					
Macdoel.....	17				
Gilta.....	8		5	0	- 8
<i>Trinity County.</i>					
Hayfork.....	3		0	0	
Hyampom.....	0		0	0	
Ruth.....	10		0	0	
Weaverville.....	0		0	0	
<i>Humboldt County.</i>					
Weitchpec.....	5		0	0	+ 3
Mountain Lakes.					
<i>Modoc County.</i>					
Cedarville.....	5		T.	0	-10
Fort Bidwell.....	6		4	T.	
<i>Lassen County.</i>					
Eagle Lake.....	30		12	16	+ 6
Fredonia.....	53			51	
Madeline.....	12		5	6	+ 1
Susanville.....	1		3	0	-15
<i>Nevada County.</i>					
Boca.....	93		56	45	-66
Truckee.....	95		36	34	+53
<i>Inyo County.</i>					
Bishop Creek.....	112		50		+79
Lone Pine.....	16			8	
Wells Meadow.....	14		0	0	
Sacramento Watershed.					
<i>Siskiyou County.</i>					
Dunsmuir.....	14				
McCloud.....	32		30	26	+15
Sisson.....	58		14	12	+35
<i>Modoc County.</i>					
Alturas.....	7		0	2	+ 1
<i>Shasta County.</i>					
Burney.....	10		5	T.	+ 5
<i>Plumas County.</i>					
Canon Dam.....	31		52	48	
Chester.....	66		55	51	-30
Clover Valley.....	33		33	30	+18
La Porte.....	90		71	80	+13
Letter Box.....	129		218	249	+43
Portola.....	23		12	0	
Quincy.....	18		4	1	+ 2
<i>Butte County.</i>					
De Sable.....	13		0	0	
Inskip.....	72		88	99	+14
Stirling City.....	36		6	0	+ 8
West Branch.....	26		8	2	+ 2
<i>Yuba County.</i>					
Camptonville.....	24		0	0	+ 5
<i>Sierra County.</i>					
Bunker Hill.....	159			197	+91
Dorsey's.....	142		104	118	+83
Downieville.....	17		0	0	+ 5
Sierra City.....	49		22	8	+ 9
Sierraville.....	40		26	9	+18
Table Rock.....	105		85	107	+40
<i>Nevada County.</i>					
Bowman's Dam.....					
Deer Creek.....	64		35	21	+19
Fordyce Dam.....	184		120	135	+90
Lake Spaulding.....	94		87	88	+21
<i>Placer County.</i>					
Blue Canon.....	127		63	55	+70
Cisco.....	211		156	145	+139
Emigrant Gap.....	140		88	74	+86
Soda Springs.....	162		144	132	
Summit.....	162		154	180	+115
<i>El Dorado County.</i>					
Pilot Creek.....					
San Joaquin Watershed.					
<i>Alpine County.</i>					
Tamarack.....	120		174	185	+18
<i>Tuolumne County.</i>					
Hetch Hetchy.....	37		9	7	+22
Lake Eleanor.....	69		25	24	+19
<i>Mariposa County.</i>					
Yosemite.....	38		15	18	+12
<i>Fresno County.</i>					
Hume.....					
<i>Tulare County.</i>					
Hot Springs.....	10				
Springville.....	43				+26
<i>Kern County.</i>					
Bear Valley.....	17				+ 8
Mountains of Southern California.					
Bear Valley Dam.....					
Converse Nursery.....	38		5	0	
Holcomb.....	41		53	48	+20
Squirrel Inn.....	14		18	10	+ 1
Seven Oaks.....	28				+17
Nellie.....	8		2	0	
Julian.....	10		0	0	
Cuyamaca.....	6		0	0	- 4

Total Precipitation, inches, February, 1915.





The influence of the diversified topography of California upon its precipitation is shown by the lines of equal rainfall in inches, on the accompanying relief map.