

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU

CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

CALIFORNIA SECTION

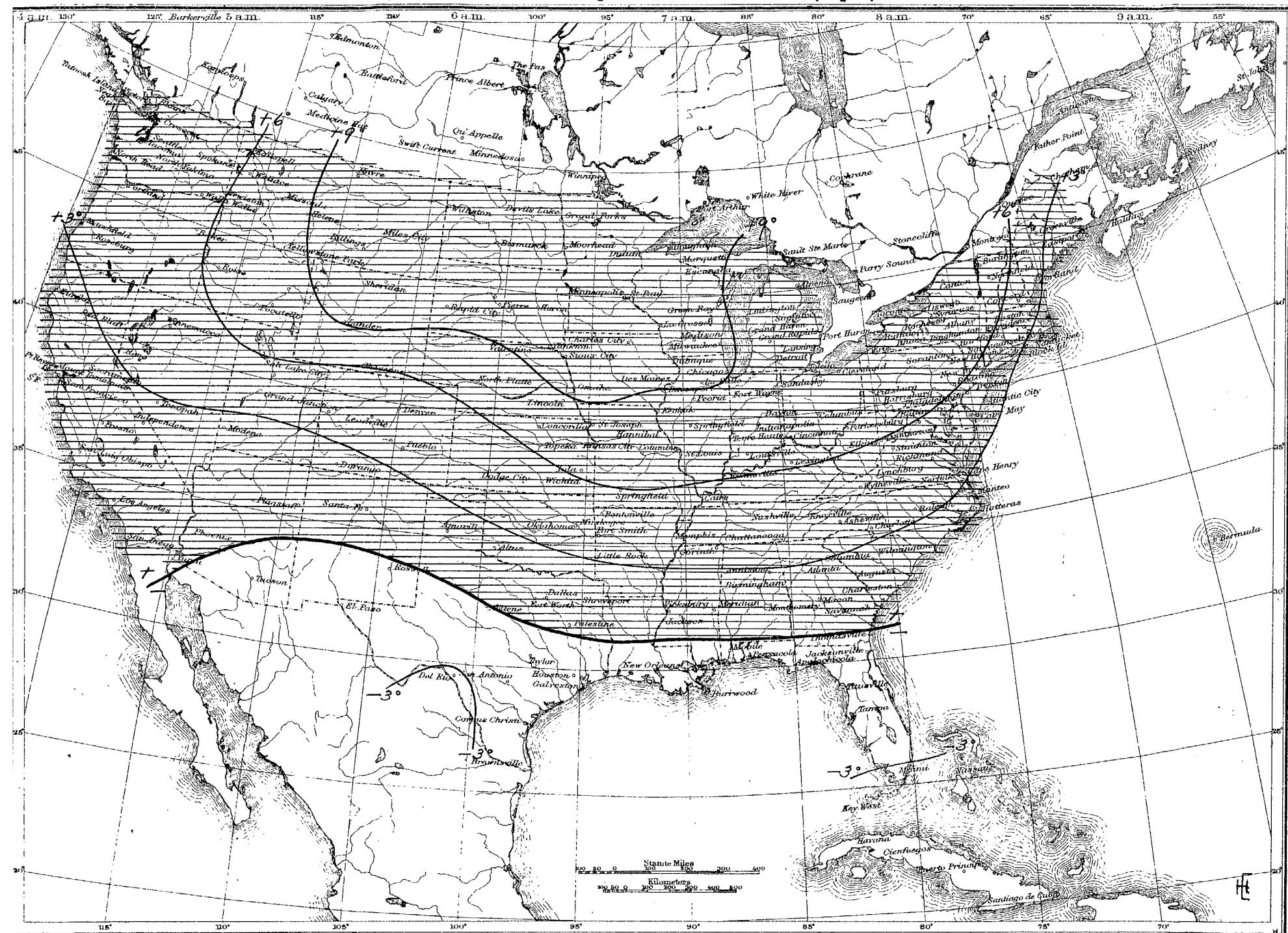
APRIL, 1915

BY
GEORGE H. WILLSON
DISTRICT FORECASTER AND SECTION DIRECTOR



SAN FRANCISCO, CAL.
WEATHER BUREAU OFFICE
MAY 21, 1915

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



U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

CALIFORNIA SECTION.

G. H. WILLSON, District Forecaster.

VOL. XIX.

SAN FRANCISCO, APRIL, 1915.

No. 4.

GENERAL SUMMARY.

Although cloudiness and wet weather predominated over a large portion of the State the month cannot be rated as an unusually wet one. In fact, precipitation was deficient from the bay section north, and the southern portion of the State, contrary to custom, received the largest amounts. The controlling condition of the month's weather lay in the succession of disturbances which occupied the Inter-Mountain region and which were almost continuous during the last ten days of the month.

Three storms, remarkable for their intensity and attended by high winds as well as rain, were charted. The first overlay southern Nevada on the 4th, and the other two occupied the entire Inter-Mountain region on the 13th and 29th, respectively. The last one developed great energy and caused the highest winds of the season along the California coast, 110 miles per hour from the northwest being recorded at Point Reyes Light on the 29th. Other high winds were 58 miles from the north at Eureka, 34 miles from the northwest at San Francisco, 30 miles from the southwest at Los Angeles and 46 miles from the west at San Diego, the last two occurring on the 30th. Damage to shipping interests was light considering the violence of the storm, but the movements of even the largest vessels were interfered with. Some buildings at beach points in the south were blown down and the Redondo Beach pier was reported partially demolished.

With the passage of this storm freezing weather was experienced in elevated regions, and the temperature at many places in the valleys was the lowest of the month. Hail was quite generally reported on the 4th, 13th and 30th, falling in the southern citrus belt on the last named date.

The outlook for crops at the end of the month was excellent in most sections, especially in the south where the excess of rainfall during the last decade was particularly beneficial.

The amount of snow at the high elevations was equal to if not above the normal. The storms toward the close of the month, if not adding appreciably to the layer, probably induced such a gradual melting in the Sierra that most of the water found its way into the soil instead of into the streams. Notes pertaining to the subject of snow at high elevations follow:

Bunker Hill.—The weight of a cubic foot of snow two feet below the surface was 28 pounds. Snow is melting very slowly; the amount on the ground at the end of the month was eight feet.—C. F. Bettinger.

Fordyce Dam.—At an elevation of 7300 feet, on the shaded side of the timber, there are eight feet of snow on the ground.—E. E. Roening.

Inskip.—The snow is well packed, though melting somewhat. There are deep drifts on the north and northwest sides of the mountains.—T. M. Cooper.

Letter Box.—Snow is melting slowly and streams rising gradually. There is one inch more of snow than at this time last year.—B. F. Darby.

Summit.—The depth of snow at end of month was 54 inches. A cubic foot taken from the surface weighed 38 pounds, one at 30 inches below the surface 44 pounds and one near the bottom 48 pounds. The snow is streaked with ice, and the cold snap we had during the latter part of the month will add about ten days to its life.—E. F. Stewart.

Table Rock.—The snow is fast disappearing from the low levels,

but on the adjacent mountains there is a great amount for so late in the season. A cubic foot of snow taken from the surface weighed 29 pounds.—Caroline M. Hayes.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea-level, was 29.96 inches.

The highest was 30.32 inches at Eureka on the 13th.

The lowest was 29.59 inches at Point Reyes on the 30th.

The range for the State was 0.73 inch.

TEMPERATURE.

The monthly mean temperature for the State was 56.0 degrees, which is 1.0 degrees below the normal.

The highest monthly mean was 70.1 degrees at Indio and the lowest was 28.6 degrees at Tamarack.

The highest temperature, 99 degrees, occurred at Azusa on the 11th and at Blythe on the 11th and 12th and the lowest was 5 degrees at Tamarack on the 25th.

The range for the State was 94 degrees.

PRECIPITATION.

The average precipitation for the State was 1.85 inches or 0.06 inch above the normal.

The greatest monthly amount was 9.94 inches at Nellie while a trace occurred at 3 stations.

The greatest amount in 24 hours was 2.96 inches at Nellie on the 22nd.

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 81; Fresno 64; Los Angeles 76; Mount Tamalpais 74; Red Bluff 67; Sacramento 68; San Diego 78; San Francisco 74; San Jose 76; San Luis Obispo 82.

WIND.

The prevailing direction of the wind was southwest.

SUNSHINE AND CLOUDINESS.

At Eureka there were 140 hours of sunshine during the month or 35 per cent of the possible; at Fresno 248 hours or 63 per cent; at Los Angeles 183 hours or 47 per cent; at Mount Tamalpais 192 hours or 49 per cent; at Red Bluff 219 hours or 55 per cent; at Sacramento 228 hours or 57 per cent; at San Diego, 179 hours or 46 per cent; at San Francisco 193 hours or 49 per cent; at San Jose 194 hours or 49 per cent; at San Luis Obispo 167 hours or 42 per cent.

MISCELLANEOUS PHENOMENA.

Thunderstorms.—Abbotts, 27; Alturas, 2; Azusa, 13, 30; Cahuilla, 29; Camptonville (near), 4; Cathedral Park, 20; Center Ranger, 4, 20-22; Chester, 28-29; Corona, 12, 21; Covelo, 20; Cuyamaca, 30; Deer Creek, Dobbins (near), 4; Downieville, 4, 5; Edison, 27; East Park, 4, 7; Electra, 4; Fairmont, 26; Fontana, 13; Glennville, 5, 27; Dunlap (near), 7, 12; Happy Camp, 28; Hayfork, 20; Hetch Hetchy, 4, 19; Hullville, 29; Kennedy Mine, Kinsley, Lake Eleanor, 4; La Porte, 4, 5, 28; Letter Box, Mill Creek (No. 1), 4; Mitchell Mill, 4, 20; Mokelumne Hill, 4; Montgomery Creek, 2; Nellie, 28, 30; Nevada City, 4; Oceanside, Pacific, 30; Palm Springs, 28; Rialto (near), Riverside, 13; San Bernardino, 30; Table Rock, 28; Three Rivers, 22; Twin Valley, 20; Watsonville, 27; West Branch, 4, 28; Yreka, 28.

Earthquakes.—Brawley, 27, 29, 30; Cahuilla, 20; Camino, 5; Coyote, 6; Dudley, Dudleys, 5; El Cajon, 3; Julian, Mesa Grande, 1; Nevada City, North Fork, 5; Priest Valley, 21; San Diego, 13; San Luis Obispo, 21; Sonora, 5, 16; Spreckels, 6; Towle, 5; Watsonville, 6.

Climatological Data for April, 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.	Highest.	Date.	Total.	Departure from the normal.	Greatest daily range.	Snowfall (un-melted).	Precipitation, 0.1 inch or more.									
Alturas.	Modoc.	4,400	11	49.0	.....	85	28	24	84 ⁺	51	1.31	0	Prof. C. B. Towle.							
American Camp.	Tuolumne.	3,200	53.4	.....	74	1	32	30	25	1.75	0	0.54	U. S. Forest Service.							
Angiola.	208	15	53.2	-5.4	79	20	33	11 ⁺	39	1.61	+1.11	0.60	9	9	11	10	w.	John Jurgens.		
Antioch **.	Contra Costa.	46	36	67.9	+8.2	91	11	43	5	0.20	-0.62	0.92	0	3	13	0	17	nw.	Santa Fe Co.	
Aptos **.	Santa Cruz.	102	30	59.3	+4.4	72	1	48	8	9	1.30	-0.77	0.60	0	3	11	0	19	e.	Southern Pacific Co.
Arrowhead Springs.	San Bernardino.	2,000	6	58.8	.....	85	11 ⁺	36	30	35	5.19	1.10	0	13	13	10	11	nw.	do	
Auburn.	Placer.	1,360	44	56.9	+0.4	78	16	39	30	22	1.02	-2.00	0.41	0	10	10	5	15	ne.	Southern Pacific Co.
Avalon.	Los Angeles.	30	55	58.9	.....	69	10 ⁺	45	30	19	2.32	0.88	0	11	21	3	6	w.	T. S. Manning.	
Azusa.	do	540	13	61.2	+1.1	95	11	35	24	29	2.33	+1.33	0.87	0	9	12	2	16	sw.	A. C. G. Fruit Exchange.
Bagdad.	Tulare.	784	12	67.4 ^a	-5.3	88	20 ⁺	45 ^a	30 ^a	1.57	+1.51	1.10	0	2	17	2	11	se.	Santa Fe Co.	
Bakersfield.	Kern.	404	26	62.2	-1.3	90	10	38	30	42	2.99	+2.67	0.70	0	11	24	2	4	w.	E. L. White.
Barstow.	San Bernardino.	2,105	12	63.4	+1.2	88	18	38	30	38	0.37	+0.30	0.25	0	2	24	2	10	sw.	State University.
Berkeley.	Alameda.	317	28	56.6	+1.9	76	9	44	30	29	0.85	-0.73	0.33	0	5	9	8	13	w.	Union Sugar Co.
Betteravia.	Santa Barbara.	155	2	60.7	.....	80	21	42	67 ⁺	32	1.04	0.30	0	7	16	5	9	w.	Southern Pacific Co.	
Biggs **.	Butte.	98	16	64.5	+5.1	88	17 ⁺	49	25	32	0.55	-0.44	0.30	0	3	18	7	5	s.	Paul E. Lodge.
Bishop.	Inyo.	4,450	20	51.3 ^a	-2.2	81 ⁺	20	24 ⁺	8	48 ^a	0.69	+0.40	0.34	0	2	.....	.....	do	do	
Bishop Creek.	Humboldt.	8,500	5	9	53.6	.....	87	16	32	13 ⁺	43	3.32	0.55	0	11	7	6	17	nw.	Victor Hope.
Blocksburg.	Placer.	1,700	1	59.6	.....	80	17	24	30	34	1.00	0	3.0	10	14	6	6	se.	Southern Pacific Co.	
Blue Canon.	Riverside.	4,695	16	42.8	-4.1	54	19	29	8 ⁺	20	3.04	-0.50	T.	0	0	24	1	5	s.	C. L. Suits.
Blythe.	Mendocino.	268	6	62.2	.....	99	11 ⁺	39	1	55	1.5	-2.01	0.84	0	7	9	11	19	u.	A. J. Haun.
Branscomb.	Imperial.	2,000	15	50.6	-0.8	76	15	32	8 ⁺	38	2.12	-2.01	0.10	0	1	22	8	0	sw.	M. D. Witter.
Brawley.	Mono.	-105	5	69.8	.....	94	11 ⁺	40	30	41	0.10	0	0.10	0	1	20	10	13	nw.	A. F. Scott.
Bridgeport.	Shasta.	6,500	1	42.6	.....	72	19	18	8	46	1.75	1.30	12.0	5	7	10	10	13	sw.	Mrs. M. D. Chambers.
Burney.	Riverside.	3,300	5	47.4	.....	76	16	26	14	44	1.91	0.68	0	8	13	7	10	sw.	Dr. W. L. Shawk.	
Cahuilla.	Imperial.	3,600	4	45.6	.....	80	11	17	12	57	3.57	1.65	0	8	13	7	10	sw.	J. E. Peck.	
Calexico.	Caliente **.	0	10	69.0	-1.0	96	11 ⁺	48	16	40	0.28	+0.20	0.16	0	3	26	2	2	e.	Southern Pacific Co.
Calistoga **.	Napa.	1,200	39	58.6	-2.3	81	6	36	30	38	3.83	+2.49	1.00	0	8	9	1	20	w.	F. M. Righter.
Campbell.	Santa Clara.	363	43	54.4	-3.4	78	9	36	13	30	0.16	-0.42	0.10	0	2	10	0	13	sw.	Cal. Gas and Electric Co.
Camptonville (near).	Yuba.	217	18	55.6	+0.7	75	15	39	8 ⁺	36	0.73	-0.18	0.40	0	5	12	5	13	nw.	K. W. Roberts.
Canon Dam.	Plumas.	3,500	8	52.8	.....	78	15 ⁺	32	30	35	2.97	1.14	0	8	13	5	12	s.	T. H. Johnstone.	
Cedarville.	Modoc.	4,675	21	50.2 ^a	+4.0	79 ⁺	28	25	30	40 ⁺	1.06	+0.23	0.35	T.	7	11	13	6	sw.	Pacific Gas & Electric Co.
Chico.	do	490	1	56.4	.....	82	15	36	14	44	1.51	0.76	0	7	12	8	10	s.	G. H. Stephenson.	
China Flat.	do	189	45	59.0	-2.6	86	15	38	30	38	0.93	-0.74	0.50	0	4	13	3	14	s.	O. J. Westerburg.
Chino **.	Humboldt.	600	6	58.4	.....	89	27	33	30	49	1.49	0.47	0	7	16	9	5	14	sw.	Southern Pacific Co.
Cisco **.	Placer.	714	23	59.5	-1.3	76	8 ⁺	38	4	32	2.62	+2.14	1.80	0	7	11	5	14	nw.	do
Claremont.	Los Angeles.	1,200	23	58.9	+1.1	90	11	35	30	45	1.92	+1.19	0.45	0	14	11	11	8	w.	F. P. Brackett.
Cloverdale.	Sonoma.	340	13	58.0	+0.2	84	15	41	13 ⁺	39	0.36	-1.45	0.14	0	4	16	2	12	s.	John O. Ogle.
Coalinga.	Fresno.	663	3	58.2	.....	85	11	34	6	41	1.50	0.61	0	6	19	7	4	w.	Union Oil Co.	
Colfax.	Placer.	2,421	44	51.8	-2.5	75	16	34	8 ⁺	30	2.24	-1.92	1.25	0	5	18	1	11	n.	Southern Pacific Co.
Colusa.	Colusa.	60	12	58.4	-0.4	80	15	41	30	37	0.34	-0.79	0.20	0	3	20	5	5	sw.	C. D. McComish.
Converse Nursery.	do	2,000	1	44.6	.....	70	11 ⁺	21	30	34	4.37	1.17	20.0	0	13	12	7	11	w.	Edw. N. Mumms.
Corning **.	San Bernardino.	6,000	1	44.6	.....	80	28	51	30	34	4.37	1.17	20.0	0	13	12	7	11	sw.	Southern Pacific Co.
Corona.	Tehama.	615	1	59.4	.....	91	10 ⁺	40	30	42	1.86	0.95	0	0	4	16	3	11	s.	J. W. Garthwaite.
Crescent City.	do	125	1	53.0	+3.1	75	15	30	29 ⁺	37	4.45	-0.42	1.39	0	12	15	2	13	nw.	Thos. E. Petcock.
Cuyamaca.	San Diego.	4,677	16	47.8	+2.2	71	21	23	30	41	7.41	+5.11	2.11	0	12	9	4	17	w.	Cuyamaca Water Co.
Davis.	do	51	43	58.5	.....	84	15	41	24	39	0.91	0.40	0	5	13	16	1	sw.	S. H. Beckett.	
Deer Creek.	Nevada.	3,700	8	48.6	.....	72	15 ⁺	30	51	59	2.88	1.25	0	5	8	17	5	17	w.	Cal. Gas and Electric Co.
Del Monte.	Monterey.	25	4	59.0	.....	76	11	45	15 ⁺	27	1.09	0.55	0	5	11	7	12	nw.	H. R. Warner.	
Delta.	Shasta.	1,138	30	56.9	-0.2	77	16	42	26	27	1.89	-3.58	1.58	0	2	14	6	10	sw.	Southern Pacific Co.
Denair.	Stanislaus.	126	15	55.4	-3.0	75	10 ⁺	41	67	25	1.00	+0.01	0.47	0	3	4	2	24	n.	Santa Fe Co.
De Sabla.	Butte.	2,500	11	51.9	.....	76	15	30	35	36	2.67	-0.66	1.30	0	5	9	7	14	s.	Cal. Gas and Electric Co.
Dobbins (near).	Yuba.	1,650	11	58.5	-1.5	80	14 ⁺	42	38	25	2.54	+0.34	0.98	0	6	10	8	12	sw.	Producers Trans. Co.
Downieville.	do	3,150	4	52.5	.....	85	28	31	8	48	2.12	0.42	0	11	11	4	15	s.	W. H. Dudley.	
Dudley.	Kings.	595	3	57.7	.....	80	17	40	6	32	1.88	0.63	0	8	14	8	8	w.	U. S. Forest Service.	
Dudley (near).	Mariposa.	3,000	6	50.2	.....	74	10 ⁺	31	28	36	0.45	0.5	0.15	0	5	11	8	13	sw.	U. S. Forest Service.
Dunlap (near).	Fresno.	2,800	3	49.8	-5.6	73	19	32	30	36	2.90	-2.41	1.45	0	3	24	3	18	n.	do
Dunnigan **.	Yolo.	65	38	69.7	+7.3	88	17	54	1 ⁺	1.55	+0.21	1.10	0	2	23	0	7	s.	Southern Pacific Co.	
Dunsmuir.	Siskiyou.	2,285	26	55.1	+1.7	88	28	36	22	42	3.37	-0.23	0.97	0	12	15	6	6	n.	R. W. Durham.
Durham.	Butte.	160	20	60.0	+2.0	84	19	40	27	37	1.11	-0.62	0.50	0	5	18	6	6	s.	J. J. Lea.
East Park.	Colusa.	1	57.0	.....	84	23	33	29	38	0.82	-0.33	0	6	9	13	8	8	s.	S. Cal. Edison Co.	
Edison.	San Diego.	2,500	1	61.8	.....	91	10	38	30	49	4.79	+3.68	1.23	0	13	12	3	15	sw.	H. H. Kessler.
El Cajon.	do	482	16	59.0	-0.7	89	10	41	30	45	2.86	+2.23	0.90	0	10	18	7	5	w.	Cal. Gas and Electric Co.
Electra.	do	5,230	11	56.0	-3.8	76	10	40	81	34	2.61	+0.57	0.60	0	8	13	9	8	s.	Southern Pacific Co.
Emigrant Gap.	do	657	21	59.9	+11.4	72	19	26	30	39	3.39	-1.06	1.40	3.0	8	10	2	18	sw.	A. R. Moon.
Escondido.	San Diego.	64	21	59.8	+1.4	91	10	42	9	46	3.72	+2.87	1.09	0	10	3	24	3	n.	U. S. Weather Bureau.
EUREKA.	Humboldt.	111	36	61.3	+2.2	78	11	44	30	30	1.30	-0.28	0.55	0	7	10	0	20	nw.	Southern Pacific Co.
Farmington **.	do	2,520	43	60.4	-0.4	80	15	43	30	29	1.33	-0.72	0.81	0	6					

Climatological Data for April, 1915.—Continued.

Stations.	Counties.	Temperature, in degrees Fahr.						Precipitation, in inches.			Number of days.			Observers.					
		Elevation, feet.	Length of record, years.	Mean.	Departure from the normal.	Highest.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Snowfall (un-melted).						
Jamestown.....	Tuolumne.....	1,471	12	60.0	+4.3	80	12	34°	30	42°	1.41	-0.81	0.47	0	5	15	3	12	.....
Kennedy Mine.....	Amador.....	1,500	5	57.0	.....	79	10	36	30	29	2.27	-0.72	0.68	0	7	.....	.....	.....	Webb Smith.
Kennett.....	Shasta.....	730	3	59.5	.....	89	28	42	5	35	2.97	.....	1.11	0	6	14	13	3	sw.
Keatield.....	Mary.....	65	27	57.2 ^b	.....	78	14	41 ^b	87	33 ^b	1.62	-0.84	1.03	0	6	22	7	1	n.
King City.....	Monterey.....	333	28	61.0	+4.5	80	18	42	4	35	1.57	+1.01	0.48	0	7	12	2	16	Ben Amaro.
La Jolla.....	San Diego.....	2,715	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Lasley Lee.	
Lake Eleanor.....	Tuolumne.....	4,700	5	46.8	.....	71	10 ^b	26	8	40	3.23	.....	0.62	3.0	13	9	6	15	s.
Lake Spaulding.....	Nevada.....	4,600	1	46.5	.....	72	17 ^b	26	30	30	4.00	-0.79	1.15	1.5	9	12	3	15	M. Magnusen.
La Porte.....	Plumas.....	5,000	21	42.8	+1.6	70	17	15	30	33	1.86	-0.41	0.78	3.0	9	12	3	15	C. W. Hendel.
Las Plumas.....	Butte.....	506	1	60.4	.....	84	15	40	30	34	1.57	.....	0.60	0	7	12	10	8	s.
Le Grande.....	Merced.....	255	15	57.4	0	80	10	38	34	31	0.56	-0.25	0.24	0	3	13	0	17	Great Western Power Co.
Lemon Cove.....	Tulare.....	630	20	61.8	-0.6	90	11	40	14 ^b	39	2.31	-0.74	1.00	0	6	16	8	n.	
Lick Observatory.....	Santa Clara.....	4,209	26	46.6	+0.2	64	18	23	30	27	2.16	-0.65	0.46	0.8	7	8	5	17	The Director.
Lindsay.....	Tulare.....	384	1	63.9	.....	90	11 ^b	40	30	40	1.29	.....	0.50	0	8	8	8	14	Basil Prior.
Livermore.....	Alameda.....	485	44	58.8	+1.9	82	12 ^b	40	8 ^b	42	0.66	-0.49	0.40	0	4	11	7	12	E. G. Still.
Lone Pine.....	Inyo.....	3,728	10	56.8	+1.6	84	19	32	23	42	0.75	+0.59	0.50	0	4	20	8	2	G. F. Marsh.
LOS ANGELES.....	Los Angeles.....	293	33	60.4	+2.8	86	10	44	30	30	0.81	-0.55	0.29	0	7	4	12	14	U. S. Weather Bureau.
Los Baños **.....	Merced.....	121	28	65.0	+2.4	78	18 ^b	58	6	.....	0.04	-0.52	0.04	0	2	11	0	19	Southern Pacific Co.
Los Gatos.....	Santa Clara.....	600	28	56.2	-0.1	79	15	41	8 ^b	33	1.38	-0.65	0.66	0	8	14	2	14	F. H. McCullagh.
Lyon Valley.....	San Diego.....	2,250	1	51.9	.....	87	10	27	29	52	6.13	.....	1.24	0	13	3	2	25	w.
McCloud.....	Siskiyou.....	3,410	5	49.0	.....	81	23	21	30	46	3.48	.....	0.80	T	10	16	8	6	F. F. Spencer.
Macdoel.....	do	4,528	10	43.2	.....	78	28	24	30	41	0.31	.....	0.25	1.0	3	15	10	5	Butte Valley Land Co.
Madeline.....	Lassen.....	5,270	6	50.5	.....	76	18	21	30	46	1.22	.....	0.80	4.0	10	4	8	18	J. H. Williams.
Magalia.....	Butte.....	2,321	11	52.4	-1.9	73	11 ^b	32	29	39	3.77	-0.04	1.77	0	5	10	12	8	Butte Co. R. Co.
Mammoth Tank.....	Imperial.....	257	37	69.6	-5.8	94	1	40	1	51	T	-0.09	0	0	21	7	2	w.	
Maricopa.....	Kern.....	640	4	59.6	.....	88	12	40	14	42	1.89	.....	0.39	0	11	14	6	10	Southern Pacific Co.
Marysville.....	Yuba.....	67	44	60.3	-0.7	85	15	43	5	39	0.93	-0.58	0.33	0	5	11	7	12	Union Oil Co.
Mecca.....	Riverside.....	-185	9	68.3	.....	94	11 ^b	45	14	38	0.45	.....	0.35	0	2	21	9	0	s.
Merced.....	Merced.....	173	41	58.6	-1.4	80	11	42	9 ^b	32	0.57	-0.40	0.32	0	5	14	5	11	Southern Pacific Co.
Middlewater.....	Kern.....	803	4	60.8	.....	87	10	40	30	35	0.95	.....	0.40	0	11	6	16	8	Union Oil Co.
Mill Creek—1.....	Amador.....	2,500	8	51.4	.....	71	15 ^b	33	8 ^b	32	2.98	.....	0.99	0	10	12	4	14	Cal. Gas and Electric Co.
Mill Creek—2.....	San Bernardino.....	2,950	1	57.4	.....	87	11	35	30	33	5.95	+3.83	1.57	3.0	14	12	4	14	So. Cal. Edison Co.
Milton (near).....	Calaveras.....	660	24	57.2	-1.4	75	15 ^b	38	30	25	1.41	-0.23	0.91	0	6	19	9	2	U. S. Forest Service.
Mineral.....	Tejama.....	60	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Alex Hull.	
Modesto **.....	Stanislaus.....	90	43	60.5	-1.7	82	27	44	30	30	1.11	+0.28	0.30	0	10	16	0	14	U. S. Forest Service.
Mokelumne Hill.....	Calaveras.....	1,550	22	53.8	-0.9	74	18	34	29	27	3.32	+0.53	1.89	0	5	10	3	17	Southern Pacific Co.
Montague.....	Siskiyou.....	2,450	27	51.4	-1.9	83	28	24	14	46	0.54	-0.03	0.33	0.2	6	16	8	n.	C. E. Prindle.
Monterey **.....	Monterey.....	15	50	62.8	+7.0	72	9 ^b	50	30	.....	0.95	-0.43	0.61	0	3	25	5	0	W.
MOUNT TAMALPAIS.....	Marin.....	2,375	16	49.4	-0.1	68	15	34	30	20	1.09	-0.91	0.44	0	11	9	6	15	Southern Pacific Co.
Napa City.....	Napa.....	29	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Alex Hull.	
Napa (S. H.).....	do	60	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	A. R. Edgar.	
Needles.....	San Bernardino.....	477	23	67.6	-7.9	90	12	43	40	30	0.59	+0.51	0.43	0	4	19	4	7	w.
Nellie.....	San Diego.....	5,350	6	45.3	.....	71	11	24	30	32	9.94	.....	2.96	7.0	10	14	4	12	Santa Fe Co.
Nevada City.....	Nevada.....	2,850	23	53.8	-3.3	89	15	30	14	42	1.72	-2.78	0.87	T	8	12	9	9	N. H. Hargrave.
Newhall **.....	Stanislaus.....	1,200	38	60.6	+1.7	90	10	46	15	45	1.53	+0.49	0.41	0	7	18	1	11	S. W. Marsh.
Newman.....	Stanislaus.....	91	26	59.6	-2.5	79	19	40	24 ^b	34	0.76	+0.06	0.50	0	4	14	11	7	s.
North Bloomfield.....	Nevada.....	3,214	18	51.4 ^a	-0.1	78 ^b	27	32 ^b	77	40 ^b	2.93	-2.16	1.68	0	4	12	4	12	E. S. Wangenheim.
North Fork.....	Madera.....	3,000	11	50.2	.....	75	12	23	14	44	4.25	+1.79	1.33	1.0	11	9	9	12	J. R. McIntosh.
Oakdale **.....	Stanislaus.....	156	21	60.4	+2.8	79	10	44	30	30	1.11	-0.03	0.50	0	10	12	9	9	U. S. Forest Service.
Oak Grove.....	San Diego.....	2,751	5	50.5	.....	86	2	30	30	45	2.25	.....	1.31	0	4	14	4	2	Southern Pacific Co.
Oakland.....	Alameda.....	36	39	58.0	+2.6	73	1	46	30	23	0.73	-0.83	0.42	0	7	5	10	15	Chabot Observatory.
Oceanside.....	San Diego.....	60	5	57.8	.....	72	11	47	16 ^b	20	2.73	.....	0.70	0	9	11	12	7	H. D. Brodie.
Ojai Valley.....	Ventura.....	900	9	57.4	.....	89	10	34	30	44	1.83	.....	0.92	0	7	15	8	7	W. H. Duncan.
Orland.....	Glenn.....	254	33	60.6	-2.8	87	28	39	12	36	0.99	-0.25	0.48	0	6	17	9	4	U. S. Rec. Service.
Oroville (near).....	Humboldt.....	520	12	61.8	+0.4	92	16 ^b	34	30	49	2.00	-0.64	0.45	0	10	15	5	10	F. T. Hale.
Pacific.....	Butte.....	250	31	59.6	+0.1	85	15	39	14	38	0.80	-1.18	0.25	0	4	11	6	13	E. D. Fairchild.
Palm Springs **.....	El Dorado.....	3,400	48	.....	75	17 ^b	27	30	40	3.53	.....	0.99	0.5	12	8	5	17	U. S. Forest Service.	
Pasadena.....	Riverside.....	584	26	67.8	-4.6	91	2	50	30	30	0.01	-0.03	0.01	0	1	14	11	5	sw.
Paso Robles.....	Los Angeles.....	827	25	58.2	-1.9	89	11	39	30	41	1.61	+1.33	0.69	0	10	9	10	11	E. D. Sorver.
Peachland.....	San Luis Obispo.....	500	28	57.0	-0.8	86	19	32	14	45	1.85	+2.0	1.05	0	8	7	6	16	Dr. F. W. Sawyer.
Petaluma.....	Sonoma.....	190	19	56.5	+0.4	80	15	40	45	37	1.05	-0.94	0.43	0	6	15	12	E. H. Parnell.	
Petocita Dam.....	Tuolumne.....	2,500	1	55.4	.....	80	18	34	20 ^b	40	0.75	-1.31	0.31	0	4	20	7	3	John Landis.
Placerville.....	El Dorado.....	1,875	26	53.0	+0.8	72	18	34	14	34	1.70	-2.55	0.64	0	7	9	4	14	Jerome Ghiorso.
Point Loma.....	San Diego.....	302	9	58.7	.....	68	27	44	30	35	1.73	+1.24	0.51	0	11	16	6	8	A. Baring Gould.
POINT REYES.....	Marin.....	490	23	53.3	+1.2	67	1	42	30	35	1.11	-0.23	0.82	0	7	6	7	17	Fred J. Dick.
Pomona.....	Los Angeles.....	857	1	59.3	.....	90	12	36	30	45	2.11	.....	0.88	0	12	6	5	19	U. S. Weather Bureau.
Porterville.....	Tulare.....	464	26	6															

Climatological Data for April, 1915.—Continued.

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).	Precipitation of one inch or more.	Clear.	Partly cloudy.	Cloudy.		
Sierraville.	Sierra	5,000	5	45.5	-2.1	75	18	23	13†	48	0.61	-0.84	0.61	1.0	1	6	0	24	sw.	C. D. Johnson.
Sisson.	Siskiyou	3,555	26	45.1	+9.3	79	20	24	30	48	1.62	+1.37	0.40	3.0	9	12	9	9	s.	Southern Pacific Co.
Soledad **	Monterey	188	41	66.6	+9.3	80	1	50	30	58	1.97	+0.83	0.58	0	5	17	0	13	s.	do
Sonora.	Tuolumne	1,825	4	56.2	-	78	17	37	8†	32	2.20	-0.41	0.83	0	6	8	14	8	s.	Chas. P. Jones.
Spreckels.	Monterey.	48	1	58.8	-	84	29	32	30	45	1.13	+0.44	0.55	0	8	9	15	6	w.	Spreckels Sugar Co.
Springville.	Tulare.	4,000	8	45.7	-	74	19	25	30	42	5.72	-	1.68	19.0	11	9	1	20	s.	Mrs. Claire McGeorge.
Squirrel Inn.	San Bernardino.	5,280	5	44.2	-	66	3†	23	30	31	6.85	-	2.10	0.5	13	12	5	13	w.	A. D. Frantz.
Stanwood.	Butte.	2,140	11	55.6	+2.7	78	19	33	8	27	2.02	-	0.90	0	4	7	17	6	sw.	Cal. Gas and Electric Co.
Stirling City.	do	3,525	11	51.6	-0.5	77	21	30	29	40	2.63	-	1.05	0	9	15	9	6	se.	Rutte Co. R. R. Co.
Stockton (S. H.)	San Joaquin.	23	44	58.4	-	77	15	44	30	30	1.15	-	0.62	0	4	11	9	10	nw.	State Hospital.
Storey.	Madera.	296	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s.	Santa Fe Co.
Suisun **.	Solano.	20	35	61.4	+1.5	83	15	46	5	-	0.25	-1.04	0.14	0	7	5	0	25	sw.	Southern Pacific Co.
Sulphur Banks.	Lake.	1,350	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	w.	M. S. Walters.
Summit.	Placer.	7,017	42	37.2	+1.7	56	18	45	30	26	1.30	-3.30	0.40	13.0	6	13	3	14	sw.	Southern Pacific Co.
Susanville.	Lassen.	4,175	26	52.2	+4.8	84	12	27	30	41	0.39	-0.67	0.28	0	2	11	15	4	w.	G. H. Taylor.
Tahoe.	Placer.	6,500	1	39.6	-	63	19	17	30	34	0.54	-	0.25	5.0	3	5	11	14	w.	Mrs. Northrup A. Ponin.
Tamarack.	Alpine.	8,000	9	28.6	-	48	16	5	25	32	1.18	-2.15	0.44	14.0	7	8	15	18	sw.	Cal. Gas and Electric Co.
Tehama **.	Tehama.	220	44	61.2	+0.5	82	28	40	5†	-	1.70	+0.43	0.70	0	3	15	7	8	n.	do
Tejon Rancho.	Kern.	1,500	12	59.5	+2.0	80	20	35	30	29	3.63	+2.46	1.10	0	7	9	2	19	sw.	W. B. de Billier.
Three Rivers.	Tulare.	870	5	59.3	-	88	10	38	30	42	4.41	-	1.52	0	11	9	3	18	sw.	J. H. Pierce.
Towle.	Placer.	3,704	29	49.2	-1.9	76	18	32	8†	40	2.71	-0.56	1.48	0	8	14	2	14	n.	Southern Pacific Co.
Tracy **.	San Joaquin.	64	35	58.6	-2.3	78	15	44	30	-	0.93	+0.07	0.32	0	7	-	-	-	do	do
Truckee.	Nevada.	5,819	44	44.8	+4.8	83	11	19	8	54	0.68	-1.31	0.20	6.0	5	8	11	11	sw.	do
Tustin (near).	Orange.	125	1	60.2	-	86	10	38	30	40	0.82	-0.16	0.21	0	7	6	24	0	sw.	Irving Co.
Twin Valley.	Lake.	-	-	53.0	-	82	15†	30	6	46	0.70	-	0.24	0	8	9	11	10	w.	U. S. Forest Service.
Ukiah.	Mendocino.	620	22	57.1	+2.4	82	15	38	9†	42	0.55	-1.90	0.23	0	5	15	11	4	nw.	Dr. George McCowen.
Upper Lake.	Lake.	1,350	30	57.2	+2.4	82	15†	36	30	36	0.36	-1.34	0.10	0	6	15	8	7	sw.	C. M. Hammond.
Vacaville.	Solano.	175	27	56.6	-2.2	79	15	36	30	36	0.34	-1.63	0.20	0	3	15	12	3	w.	J. E. Bassford.
Valley Springs **.	Calaveras.	673	26	61.6	+0.7	80	9†	43	30	-	1.45	-0.44	0.72	0	5	14	10	6	nw.	Southern Pacific Co.
Visalia.	Tulare.	334	27	-	-	78	2	-	-	-	0.98	+0.22	0.68	0	5	16	2	12	sw.	Santa Fe Co.
Walnut Creek.	Contra Costa.	149	1	55.2	-2.9	78	15	38	14	36	0.51	-0.89	0.33	0	5	-	-	-	n.	R. L. Nougaret.
Warner Springs.	San Diego.	3,165	7	52.9	-	83	11	32	30	43	3.80	-	1.07	0.5	10	13	6	11	w.	J. A. Ream.
Wasco.	Kern.	336	15	60.2	+0.6	86	12	39	5	36	2.68	+2.17	0.70	0	9	10	0	20	sw.	Santa Fe Co.
Watsonville.	Santa Cruz.	23	19	56.8	-0.7	82	1	35	4	41	1.62	+0.55	0.60	0	7	8	12	10	w.	Spreckels Sugar Co.
Weaverville.	Trinity.	2,162	3	54.1	-	86	28	26	14	29	2.23	-1.05	1.22	0	12	15	3	12	w.	U. S. Forest Service.
Weitchpec.	Humboldt.	1,700	5	53.4	-	80	16†	29	30	38	2.45	-	0.75	0	12	17	5	8	n.	M. E. Lathrop.
West Branch.	Butte.	8,216	1	49.4	-	79	28	30	30	43	2.69	-	1.12	T.	6	11	5	14	s.	Cal. Gas and Electric Co.
Westley **.	Stanislaus.	90	26	64.8	+0.8	77	10	54	30	-	1.33	+0.66	0.50	0	4	13	4	13	n.	Southern Pacific Co.
Wheatland.	Yuba.	84	28	58.4	0	78	15	41	30	32	1.61	+0.21	0.93	0	6	9	8	13	n.	Win. Lumbard.
Willows.	Glen.	136	36	59.2	-1.1	86	15	38	13	42	0.61	-0.59	0.29	0	3	18	7	5	n.	F. E. Barnhouse.
Yorba Linda.	Orange.	405	1	60.4	-	91	10	40	36	38	1.05	-	0.26	0	7	6	20	4	sw.	S. J. Walker.
Yosemite.	Mariposa.	8,945	11	54.6	-	84	19	31	8†	44	1.72	-0.41	0.55	8.0	8	10	3	17	s.	J. P. Kelly.
Yreka.	Siskiyou.	2,625	26	52.0	-	83	28	27	14†	44	0.80	-	0.40	0	9	8	12	10	nw.	U. S. Forest Service.
Means and Extremes.				56.0	-1.0	99	11†	5	25	57	1.85	+0.06	2.96	0.8	7	12	7	11	sw.	

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 APRIL.

(MEAN MONTHLY TEMPERATURE FOR THE STATE.)

	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916
1897.....	60.6	60.9	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.4
1898.....	58.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	57.6	57.6
1899.....	58.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.8	59.8
1900.....	55.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.2	56.2
1901.....	55.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	55.9	55.9
1902.....	56.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	56.6	56.6
1903.....	54.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	54.9	54.9
1904.....	57.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	56.6	56.6
1905.....	57.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	56.0	56.0
1906.....	56.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	55.9	55.9

(AVERAGE PRECIPITATION FOR THE STATE.)

	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916
1897.....	0.51	0.41	0.41	0.41	0.41	0.41	0.41	0.41	1.11	0.67
1898.....	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.67	0.67
1899.....	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.62	0.62
1900.....	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	1.98	1.98
1901.....	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.07	2.07
1902.....	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.44	1.44
1903.....	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.28	1.24	1.24
1904.....	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	1.85	1.85
1905.....	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18
1906.....	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68

DELAYED REPORTS.

Stations.	Month.	Temperature.					Total precipitation
Mean	Max.	Date	Min.	Date			

<tbl_r cells="5" ix="2" maxcspan="

Daily Precipitation for April, 1915.

APRIL, 1915.

Daily Precipitation for April, 1915.—Continued.

Stations.	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	
Glenville						.05	.19	.07													.54	.65	1.20		.06	.30	.21	1.36	1.53		6.42		
Gold Run		T.				.48	.50														.02	.10	.05									2.90	
Gonzales																																1.09	
Grass Valley																																	2.06
Gray Mountain																																	
Greenland Ranch																																	
Gridley																																	
Groveland																																	
Gundiad																																	
Hanford																																	
Happy Camp																																	
Hayfork																																	
Head Dam																																	
Healdsburg																																	
Hearst (near)																																	
Helen Mine																																	
Hernandez																																	
Hetch Hetchy																																	
Holcomb																																	
Hollister																																	
Hornbrook																																	
Hot Springs																																	
Hullville (near)																																	
Hume																																	
Hyamton																																	
INDEPENDENCE***																																	
Indio																																	
Inskip																																	
Ione																																	
Jacksonville																																	
Jamestown																																	
Jenny Lind																																	
Jolon																																	
Kennedy Mine																																	
Kennett																																	
Kentfield																																	
Kernville																																	
King City																																	
Kinsley																																	
Knights Landing																																	
La Grange																																	
La Jolla																																	
Lake Eleanor																																	
Lake Spaulding																																	
La Porte																																	
Las Plumas																																	
Lathrop																																	
Laurel																																	
Le Grand																																	
Lemon Cove																																	
Lick Observatory																																	
Lindsay																																	
Livermore																																	
Lone Pine																																	
Lordsburg																																	
Los Alamos																																	
Los ANGELES***																																	
Los Baños																																	
Los Gatos																																	
Lowe Observatory																																	
Lyon Valley																																	
McCloud																																	
Mcdoel																																	
Madeline																																	
Magalia																																	
Mammoth Tank																																	
Maricopa																																	
Mariposa																																	
Marysville																																	
Mecca																																	
Melones																																	
Merced																																	
Merced Falls																																	
Mesa Grande																																	
Middlewater																																	
Mill Creek-1																																	
Mill Creek-2																																	
Mills College																																	
Milo																																	
Milton (near)																																	

Daily Precipitation for April, 1915.—Continued.

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.

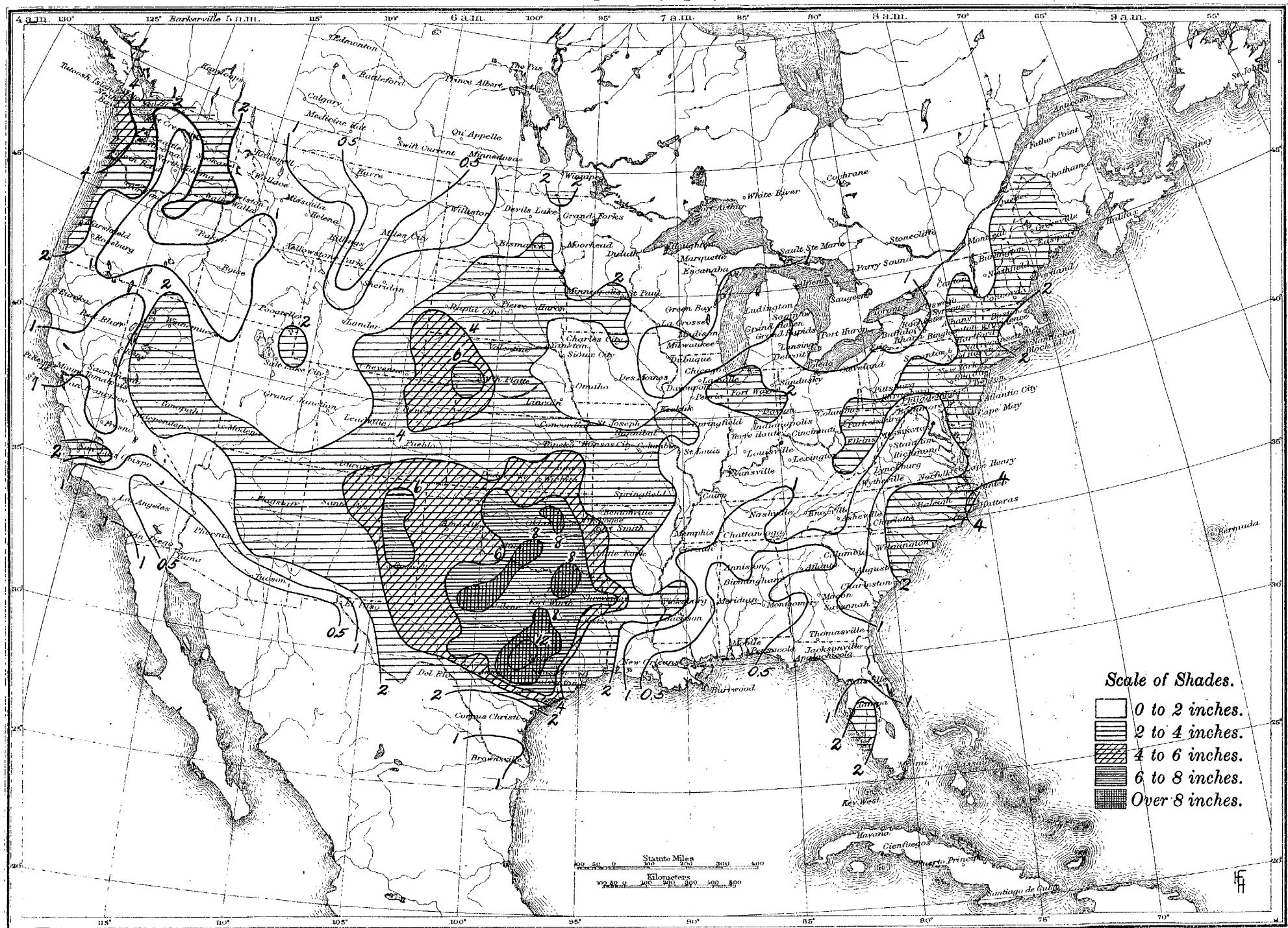
~~All precipitation measured in the morning; amount then recorded is for the preceding 24 hours.~~ * Precipitation included in the next following measurement.

* Separate dates of kill not recorded. 1. Trace, or less than 0.01 inch.

Daily Temperature for April, 1915.

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.
Alturas.....	Maximum	71	66	52	50	54	59	53	64	70	71	71	66	55	63	77	76	78	82	77	71	62	59	54	58	64	75	80	85	71	40	65.8
	Minimum	32	44	37	30	32	27	34	24	29	30	33	31	21	29	32	33	31	29	32	41	32	41	32	29	36	33	40	34	31	26	32.3
Bakersfield.....	Maximum	80	80	80	74	69	71	74	68	80	90	84	84	79	70	79	85	87	85	86	72	55	61	68	71	64	69	66	53	50	49.1	
	Minimum	46	53	53	51	45	51	49	50	45	50	52	51	49	49	45	45	45	50	51	51	54	50	43	51	50	50	53	50	50	53	50.0
Barstow.....	Maximum	83	82	84	76	78	76	73	82	83	80	86	84	70	68	76	83	86	82	84	73	66	71	72	76	79	71	68	65	55	76.8	
	Minimum	45	46	48	50	54	56	50	51	49	49	47	51	53	48	47	49	52	53	55	50	52	52	45	49	53	54	56	50	48	35	50.0
Blocksburg.....	Maximum	48	50	40	40	49	39	40	38	40	41	39	42	32	33	41	44	41	36	43	41	41	36	42	42	41	42	42	37	32	40.3	
	Minimum	65	65	52	44	60	60	48	60	62	64	65	65	48	62	74	66	58	51	51	49	49	48	63	61	71	69	42	59.9	50.9		
Burney.....	Maximum	40	39	35	32	33	30	39	30	27	32	32	31	26	30	32	36	35	37	36	46	36	38	31	40	43	38	46	38	31	35.0	
	Minimum																															
Calexico.....	Maximum	90	91	93	91	80	81	86	85	90	92	96	96	75	77	65	83	91	93	90	80	82	78	79	81	82	82	82	81	76	65	84.0
	Minimum	52	54	57	54	52	50	55	54	55	54	58	57	54	48	52	56	53	51	51	54	52	52	54	55	53	54	52	54	53	54	50.0
Chico.....	Maximum	70	68	70	68	70	68	64	70	74	72	74	74	68	78	86	78	68	64	64	65	61	62	64	66	60	60	62	66	67	60.7	
	Minimum	50	54	53	50	49	46	48	46	42	44	52	52	46	50	48	52	51	54	48	50	46	40	50	52	48	43	48	43	48	43.3	
Colfax.....	Maximum	61	60	62	61	56	62	58	53	65	65	70	72	61	54	73	75	71	70	73	62	53	68	66	60	60	62	66	62	60	62.8	
	Minimum	43	45	44	40	36	35	38	34	43	45	42	44	36	36	43	45	47	46	50	43	40	38	40	35	38	36	35	35	35	40.7	
Colusa.....	Maximum	68	67	66	65	64	62	65	68	70	70	73	70	68	73	71	69	71	69	64	64	62	64	62	60	60	62	66	60	62	68.4	
	Minimum	51	50	47	48	44	52	44	45	50	51	54	49	43	52	43	51	50	50	50	48	50	43	45	57	50	45	41	45	41.3		
Escondido.....	Maximum	79	70	74	77	66	68	66	71	79	71	89	81	70	62	64	65	71	75	74	59	60	59	67	69	74	62	64	64	69.9		
	Minimum	43	54	54	55	54	49	51	49	42	46	46	43	55	50	49	43	51	54	56	55	52	54	51	46	44	54	45	45	49.8		
Eureka.....	Maximum	69	63	58	55	58	60	57	58	62	61	61	53	51	57	62	56	54	53	55	56	55	55	55	55	55	55	55	51	50	57.0	
	Minimum	57	52	49	50	49	47	43	44	50	46	44	51	47	49	51	49	53	50	48	48	46	50	51	45	43	47.6					
Fresno.....	Maximum	75	75	71	71	64	67	69	65	79	84	82	78	74	70	77	81	79	80	81	74	65	64	60	69	65	63	62	62	62	70.9	
	Minimum	50	53	52	47	47	48	49	45	49	52	52	51	47	41	49	53	50	54	51	51	52	49	53	50	43	49.1					
Hanford.....	Maximum	75	77	76	77	66	70	74	71	79	87	84	81	65	71	78	85	82	80	83	76	68	64	61	70	69	66	74	68	67.9		
	Minimum	47	52	45	44	46	47	45	43	46	52	50	47	41	42	44	49	49	50	47	47	42	47	48	47	51	52	41	42	46.8		
Hollister.....	Maximum	73	67	67	62	62	61	63	70	77	76	74	68	64	70	69	65	67	69	70	64	62	58	50	61	65	66	61	55	53	65.5	
	Minimum	51	51	50	46	46	47	50	46	39	41	46	42	49	43	41	40	47	51	50	50	48	42	46	49	50	49	40	42	46.9		
Independence.....	Maximum	73	76	74	68	60	68	68	70	71	74	77	78	60	59	62	76	80	79	79	73	54	66	62	66	61	65	65	53	54	67.1	
	Minimum	38	49	40	43	37	40	40	40	42	40	44	40	47	41	42	43	44	36	35	33	36	33	38	44	40	40	43	27	40.4		
Indio.....	Maximum	91	91	93	87	78	82	81	88	92	93	94	95	88	74	70	82	86	89	89	90	79	82	78	81	79	81	78	66	65	83.7	
	Minimum	54	57	60	59	57	60	58	60	55	56	61	67	61	51	55	50	51	50	51	54	55	56	56	53	52	47	47.6				
La Porte.....	Maximum	60	48	52	46	50	48	54	52	54	53	55	51	45	44	54	54	53	54	45	41	44	41	40	46	41	40	43	40	43.5		
	Minimum	35	37	37	32	31	32	28	33	35	36	33	31	33	31	33	30	34	35	33	30	34	36	30	36	31	35	31	31	34.1		
Lemon Cove.....	Maximum	76	81	83	76	72	70	73	81	90	66	82	83	70	71	78	81	85	87	87	72	64	63	63	67	63	67	73	70	60	74.2	
	Minimum	51	53	53	50	48	47	45	46	50	51	50	49	40	47	42	45	52	53	50	47	50	47	45	49	50	49	49	49	49.5		
Los Angeles.....	Maximum	83	72	73	65	64	69	64	66	75	86	83	73	67	66	65	66	65	66	65	66	62	63	62	63	62	63	62	61	62	67.6	
	Minimum	53	55	54	56	53	52	52	53	54	53	56	52	50	55	50	56	55	52	54	53	53	53	53	53	53	53	53	53	53.3		
Merced.....	Maximum	49	49	49	47	45	48	45	45	42	47	50	44	41	45	42	47	47	47	47	47	47	47	47	47	47	47	47	47	47.4		
	Minimum	52	56	50	52	46	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	47.6		
Mokelumne Hill.....	Maximum	71	65	63	61	61	58	62	64	70	72	72	63	58	71	72	70	69	70	67	70	64	57	55	55	55	55	55	55	55	55	64.0
	Minimum	49	46	45	40	41	42	41	42	51	48	47	39	42	47	45	45	45	47	42	45	44	43	44	43	44	43	43	43	43.7		
Needles.....	Maximum	78	79	78	79	80	80	80	82	80	84	82	90	90	76	72	75	78	86	87	87	82	82	82	82	82	82	82	82	82	77.9	
	Minimum	58	60	63	60	62	59	62	62	64	61	60	54	50	58	55	58	56	60	60	54	52	58	54	55	54	55	54	55	54	57.3	
North Fork.....	Maximum	62	74	71	69	64	51	58	60	60	71	75	78	71	51	58	69	73	71	72	65	61	60	50	50	53	55	55	55	55	62.9	
	Minimum	38	43	43	38	34	33	36	34	37	41	38	34	3																		

Total Precipitation, April, 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.