

U. S. DEPARTMENT OF AGRICULTURE  
WEATHER BUREAU

CHARLES F. MARVIN, CHIEF

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CLIMATOLOGICAL DATA

CALIFORNIA SECTION

MARCH, 1915

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BY

GEORGE H. WILLSON

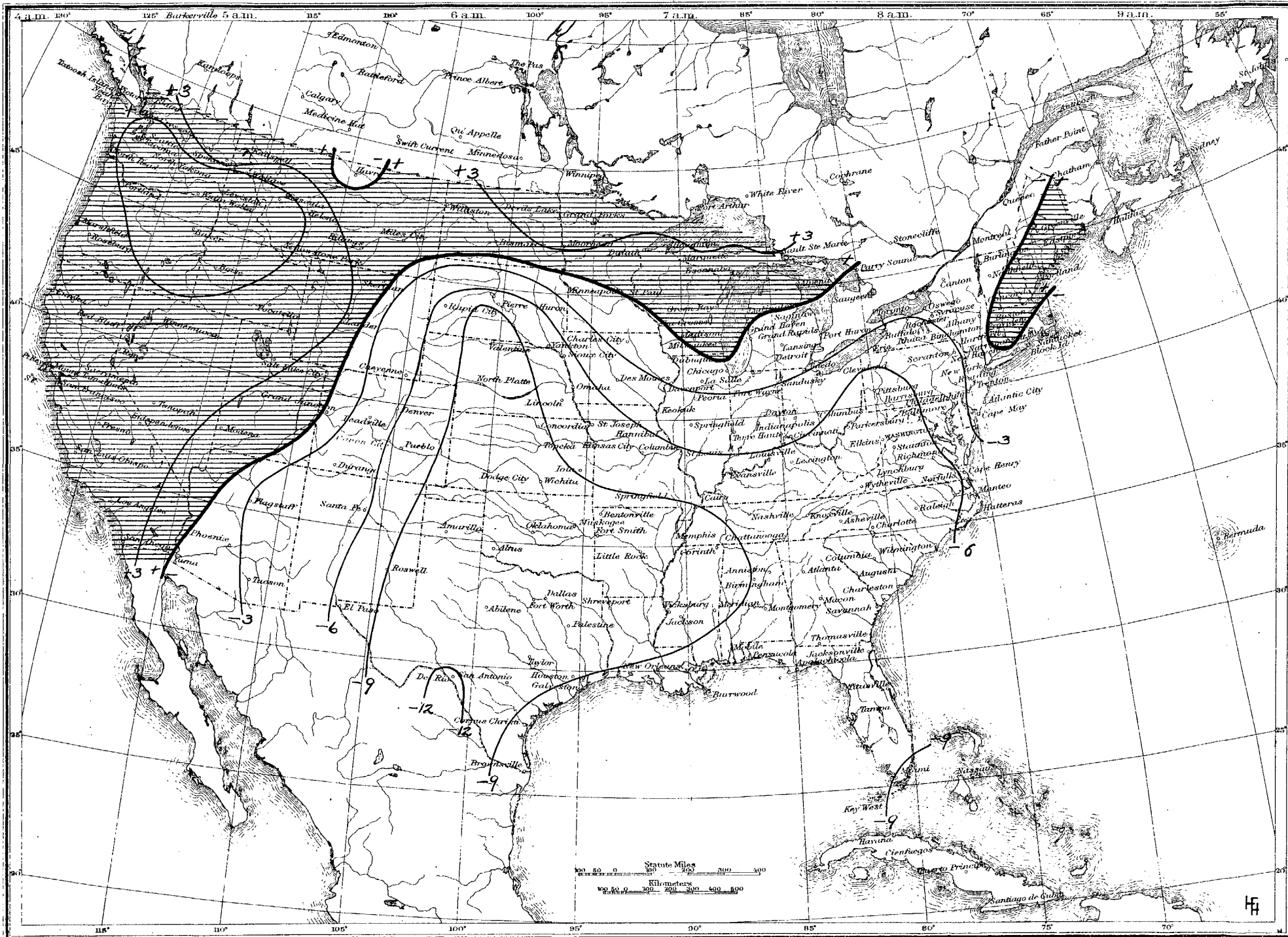
DISTRICT FORECASTER AND SECTION DIRECTOR

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SAN FRANCISCO, CAL.  
WEATHER BUREAU OFFICE  
APRIL 22, 1915

# Departure of the Mean Temperature from the Normal, March, 1915.



## U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

## CALIFORNIA SECTION.

G. H. WILLSON, District Forecaster.

VOL. XIX.

SAN FRANCISCO, MARCH, 1915.

No. 3.

## GENERAL SUMMARY.

March, 1915, was a warm dry month, resembling in its main characteristics, March, 1914. The temperature was not unusually high, the monthly mean temperature for the State being only about one degree above the normal, but it was very uniform. Nearly every station in the State showed an excess of temperature but the departures were small. The sunshine was above normal over the whole State.

The ground had been thoroughly soaked by the heavy rains of the preceding month and the warmth and sunshine of March were exactly what was needed to put all crops in excellent condition. Fruit trees began to bloom early in the northern part of the State and there was fear of a late frost, but there was practically no damage from that source. There was not a killing frost at any of the lowland stations during the month. During the last decade more or less heavy rains caused some damage to the blossoming trees, but the benefit derived far outweighed the damage. At the end of the month the outlook was bright for one of the best fruit crops in years.

A peculiar feature of the month's weather was the large number of days with drying north winds in the southern valleys. These conditions are very unusual for March. Their effect was to greatly minimize the good effect of the heavy rains earlier in the year. At the end of the month the southern section of the State was much in need of rain, but in the north conditions were excellent.

The snowfall was very light except in southern California, but the heavy snowfall of the earlier months melted slowly, leaving more than the average amount on the ground at the end of the month. The snow is well packed and has a high water content.

## PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea-level, was 30.05 inches.

The highest was 30.42 inches at Eureka on the 15th.

The lowest was 29.46 inches at Independence on the 1st.

The range for the State was 0.96 inch.

## TEMPERATURE.

The monthly mean temperature for the State was 53.1 degrees, which is 1.3 degrees above the normal.

The highest monthly mean was 66.4 degrees at Soledad and the lowest was 27.7 degrees at Tamarack.

The highest temperature, 94 degrees, occurred at Azusa on the 16th and at Blythe on the 23rd and the lowest was -11 degrees at Tamarack on the 5th.

The range for the State was 105 degrees.

## PRECIPITATION.

The average precipitation for the State was 2.33 inches or 2.41 inches below the normal.

The greatest monthly amount was 13.13 inches at Delta while none occurred at 2 stations.

The greatest amount in 24 hours was 5.55 inches at Stirling City on the 27th.

## 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 80; Fresno 66; Los Angeles 71; Mount Tamalpais 71; Red Bluff 67; Sacramento 64; San Diego 70; San Francisco 74; San Jose 76; San Luis Obispo 72.

## WIND.

The prevailing direction of the wind was northwest.

## SUNSHINE AND CLOUDINESS.

At Eureka there were 142 hours of sunshine during the month or 38 per cent of the possible; at Fresno 254 hours or 68 per cent; at Los Angeles 256 hours or 69 per cent; at Mount Tamalpais 182 hours or 49 per cent; at Red Bluff 260 hours or 70 per cent; at Sacramento 217 hours or 58 per cent; at San Diego, 272 hours or 73 per cent; at San Francisco 208 hours or 56 per cent; at San Jose 217 hours or 59 per cent; at San Luis Obispo 211 hours or 57 per cent.

## MISCELLANEOUS PHENOMENA.

*Thunderstorms.*—Angels Camps, 2, 8; Cahuilla, 8, 11; Camp-tonville (near), China Flat, 28; Confidence, 7, 29; Converse Nursery, 7-9; Corona, 10; Covelo, Deer Creek, 28; De Sabla, 6; Dobbins (near), 28; Dudley, 9; Dudleys, 6, 28, 29; Dunlap (near), 28; Electra, Fairmont, 7; Fontana, 1; Fresno, Glennville, Hot Springs, 28; Hullville, 6; Kinsley, 7, 9, 28; La Jolla, 10; La Porte, Las Plumas, Lemon Cove, 28; Los Alamos, 7; Mammoth Tank 9; Mesa Grande, 8; Mill Creek (No. 1) 7, 28; Milo, Milton (near), Mitchell Mill, 28; Mokelumne Hill, 8; Nellie, 1, 8, 10, 11; Nevada City, 28; Oak Grove, 8; Ojai Valley, 7; Peachland, Represa, Ruth, 28; San Luis Obispo, 7; Stanwood, Three Rivers, 28; Tuolumne Ranger, 7, 9, 28; Valley Springs, 7; Weitchpec, 30; West Branch, 6, 28; West Point, 7.

*Earthquakes.*—Arbolado, 16; Brawley, 1, 30; Cahuilla, 12; China Flat, 29; Julian, 3; Rialto (near), 19.

## OBSERVERS NOTES.

*Campo.*—There is a good flow of water in the streams and feed is looking fine in all the mountain valleys.—Archibald Campbell.

*Corona.*—Eight days of desiccating north winds from the 14th to the 21st made necessary the starting of regular irrigation on the 23rd.—J. W. Garthwaite.

*El Cajon.*—A rainy season of unusual wetness terminated abruptly on the 2nd, and mid-summer conditions prevailed. At the month's close the water in some untapped reservoirs measured less than at its beginning. Evaporation due to the high temperatures and drying wind had absorbed the run-in and eaten into the storage.—H. H. Kessler.

*La Porte.*—At the beginning of the month there was a great depth of solid snow on the ground which settled about one-half its depth during the month; yet with more than three inches of rain the streams are at only a normal stage. The ground is well soaked.—Chas. W. Hendel.

*Santa Cruz.*—March was a lovely month. The ground is in fine condition and the prospect is very bright for an excellent season.—W. R. Springer.

*Soledad.*—Half an inch of hail fell in 30 minutes on the 11th. No rain fell half a mile on either side of us.—P. H. Smith.



Climatological Data for March, 1915.—Continued.

Table with columns: Stations, Counties, Elevation, Length of record, Temperature (Mean, Departure from normal, Highest, Date, Lowest, Date, Greatest daily range, Total), Precipitation (Departure from normal, Greatest in 24 hours, Snowfall, Precipitation at least once), Number of days (Clear, Partly cloudy, Cloudy, Prevailing direction of wind), and Observers.

Climatological Data for March, 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 (unmelted).	Precipitation 0.1 inch or more.	Clear.	Partly cloudy.	Cloudy.		Prevailing direction of wind.	
Sierraville.....	Sierra.....	5,000	5	37.8	.....	70	22	15	6†	44	0.80	.....	0.80	2.0	1	11	3	17	sw.	C. D. Johnson.	
Sisson.....	Siskiyou.....	3,555	26	42.8	+3.0	72	21	19	8	44	6.94	.....	+1.32	2.10	0	9	20	0	11	sw.	Southern Pacific Co.
Soledad **.....	Monterey.....	188	41	66.4	+12.8	85	20†	50	15	.....	0.75	.....	-0.91	0.30	0	4	18	0	13	.....	do
Sonora.....	Tuolumne.....	1,825	4	51.9	.....	74	22†	31	24	32	2.09	.....	-5.05	1.80	0	2	16	8	7	w.	Chas. P. Jones.
Spreckels.....	Monterey.....	48	1	57.1	.....	88	21	38	14	42	0.66	.....	-2.67	0.20	0	7	15	9	7	w.	Spreckels Sugar Co.
Springville.....	Tulare.....	4,000	8	44.4	.....	74	24	23	3	38	2.95	.....	2.00	8.0	6	11	14	6	.....	Mrs. Claire McGeorge.	
Squirrel Inn.....	San Bernardino.....	5,280	5	42.4	.....	66	23	24	2	28	3.36	.....	-5.66	2.35	14.0	4	20	5	6	n.	A. D. Frantz.
Stanwood.....	Butte.....	2,140	11	51.0	+4.0	78	21	30	1†	35	7.01	.....	-6.85	2.10	0	6	13	9	9	nw.	Cal. Gas and Electric Co.
Stirling City.....	do.....	3,525	11	49.7	.....	80	21	28	4	38	8.90	.....	-6.01	5.55	1.0	9	12	5	14	se.	Butte Co. R. R. Co.
Stockton (S. H.).....	San Joaquin.....	23	44	56.8	+2.3	79	23	39	1	31	1.05	.....	-1.21	0.61	0	4	17	7	.....	State Hospital.	
Storey.....	Madera.....	296	15	54.4	+2.1	80	24	36	2†	37	0.67	.....	-1.19	0.52	0	3	.....	.....	Santa Fe Co.		
Suisun **.....	Solano.....	20	35	59.4	+3.6	85	20	43	8	.....	1.98	.....	-1.30	0.89	0	10	10	0	21	n.	Southern Pacific Co.
Sulphur Banks.....	Lake.....	1,350	3	52.3	.....	85	22	24	5	49	3.09	.....	1.80	0	5	10	0	21	n.	M. S. Walters.	
Summit.....	Placer.....	7,017	42	33.2	+1.8	45	21†	18	5	18	2.00	.....	-7.02	1.30	20.0	5	13	3	15	sw.	Southern Pacific Co.
Susanville.....	Lassen.....	4,175	26	45.0†	+5.5	77	22	22	5	46†	1.10	.....	-2.11	1.19	0	1	17	3	11	.....	Southern Pacific Co.
Tahoe.....	Placer.....	6,500	1	34.4	.....	58	21	11	3	38	1.08	.....	0.65	9.0	0	2	10	9	12	.....	G. H. Taylor.
Tamarack.....	Alpine.....	8,000	9	27.7	.....	50	21	-11	5	51	1.79	.....	-9.00	1.16	20.0	8	12	8	11	w.	Mrs. Northrup A. Pomin.
Tehama.....	Tehama.....	220	44	59.4	+4.5	82	21†	40	1	.....	2.70	.....	-0.16	2.05	0	4	17	3	11	n.	do
Tejon Rancho.....	Kern.....	1,500	12	60.0	+5.8	80	16†	42	27	30	0.60	.....	-1.45	0.60	0	1	11	14	6	.....	W. B. de Billier.
Three Rivers.....	Tulare.....	870	5	55.6	.....	83	17	32	3	40	0.79	.....	0.45	0	5	10	11	10	sw.	J. H. Pierce.	
Towle.....	Placer.....	3,704	29	46.6	+2.1	74	20†	28	2	37	5.15	.....	-4.11	2.70	3.0	6	18	2	11	n.	Southern Pacific Co.
Tracy **.....	San Joaquin.....	64	35	53.6	-1.2	80	20†	32	3	.....	0.97	.....	-0.80	0.36	0	5	.....	.....	do		
Truckee.....	Nevada.....	5,819	44	38.4	+5.5	70	14	11	6	51	1.50	.....	-3.09	0.50	11.0	8	19	1	11	se.	do
Tustin (near).....	Orange.....	125	1	59.4	.....	93	16	37	2	44	0.75	.....	-1.94	0.45	0	4	14	17	0	sw.	Irvine Co.
Twin Valley.....	Lake.....	.....	.....	49.8	.....	83	19†	25	8	52	6.50	.....	2.85	0	10	9	10	12	w.	U. S. Forest Service.	
Ukiah.....	Mendocino.....	620	22	53.2	+3.5	85	21	30	2†	46	4.03	.....	-1.52	1.48	0	8	14	8	9	nw.	Dr. George McCowen.
Upper Lake.....	Lake.....	1,350	30	54.2	+5.0	83	21	32	9	37	3.77	.....	-0.09	1.55	0	10	17	3	11	nw.	C. M. Hammond.
Vacaville.....	Solano.....	175	27	55.0	+1.1	81	22	35	3†	39	3.15	.....	-1.05	0.89	0	7	20	1	10	n.	J. E. Bassford.
Valley Springs **.....	Calaveras.....	673	26	60.4	+5.6	84	22†	37	2	.....	1.15	.....	-3.54	1.00	0	2	23	6	2	.....	Southern Pacific Co.
Visalia.....	Tulare.....	334	27	57.4	+4.9	83	22	36	2	34	0.22	.....	-1.70	0.10	0	4	19	2	10	nw.	Santa Fe Co.
Walnut Creek.....	Contra Costa.....	149	1	54.4	+0.4	78	22	36	1†	34	2.12	.....	0.67	0.55	0	8	.....	.....	R. L. Nougaret.		
Warner Springs.....	San Diego.....	3,165	7	50.6	.....	80	15	24	9	42	2.45	.....	1.05	3.0	9	17	6	8	.....	J. A. Ream.	
Wasco.....	Kern.....	336	15	54.9	+0.5	79	22	35	3	36	0.21	.....	-0.79	0.18	0	2	.....	.....	Santa Fe Co.		
Watsonville.....	Santa Cruz.....	23	19	56.8	+2.1	84	22	30	2†	45	1.52	.....	-3.87	0.56	0	8	13	12	6	w.	Spreckels Sugar Co.
Weaverville.....	Trinity.....	2,162	3	48.7	.....	80	20†	23	5†	50	3.84	.....	-0.61	1.24	0	11	18	1	12	.....	U. S. Forest Service.
Weitchpec.....	Humboldt.....	1,700	5	49.2	.....	78	21	28	5	36	4.95	.....	0.95	0	14	19	3	9	n.	M. E. Lathrop.	
West Branch.....	Butte.....	3,216	1	47.0	.....	80	21	26	5	43	7.17	.....	2.84	T.	9	16	4	11	n.	Cal. Gas and Electric Co.	
Westley **.....	Stanislaus.....	90	26	61.2	+5.0	80	21	45	10	.....	0.75	.....	-1.15	0.50	0	2	16	2	13	s.	Southern Pacific Co.
Wheatland.....	Yuba.....	84	23	55.6	+3.0	76	22†	36	2	30	2.14	.....	-1.36	1.10	0	6	13	7	11	s.	Wm. Lumbard.
Willows.....	Glenn.....	136	36	56.0	+1.4	86	21	34	1	45	2.88	.....	+0.68	1.70	0	8	21	3	7	n.	P. E. Barnhouse.
Yorba Linda.....	Orange.....	405	1	59.0	.....	90	16	38	2	38	0.82	.....	0.60	0	3	12	12	7	w.	S. J. Walker.	
Yosemite.....	Mariposa.....	3,945	11	51.5	.....	82	21	28	2	44	2.26	.....	-5.62	1.35	3.0	7	16	11	4	s.	J. P. Kelly.
Yreka.....	Siskiyou.....	2,625	26	46.0	.....	75	20†	21	5†	45	1.72	.....	1.12	0	8	14	5	12	se.	U. S. Forest Service.	
Means and Extremes.....	.....	.....	.....	53.1	+1.3	94	16†	-11	5	58	2.33	.....	-2.41	5.55	.....	6	16	6	9	nw.	.....

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 MARCH.

(MEAN MONTHLY TEMPERATURE FOR THE STATE.)

1897.....	48.0	1907.....	49.0
1898.....	48.8	1908.....	51.8
1899.....	51.2	1909.....	48.5
1900.....	55.7	1910.....	54.7
1901.....	53.0	1911.....	52.7
1902.....	49.7	1912.....	48.6
1903.....	50.9	1913.....	49.6
1904.....	51.1	1914.....	55.0
1905.....	54.7	1915.....	53.1
1906.....	50.8	.....	.....

(AVERAGE PRECIPITATION FOR THE STATE.)

1897.....	3.98	1907.....	10.67
1898.....	0.66	1908.....	1.49
1899.....	6.10	1909.....	5.56
1900.....	2.38	1910.....	2.43
1901.....	1.01	1911.....	6.02
1902.....	3.39	1912.....	5.17
1903.....	5.80	1913.....	2.06
1904.....	8.52	1914.....	1.16
1905.....	5.42	1915.....	2.33
1906.....	9.19	.....	.....

DELAYED REPORTS.

Stations.	Month.	Temperature.					Total precipitation.
		Mean.	Max.	Date.	Min.	Date.	
Boca.....	January.	.....	.....	.....	.....	.....	5.70
Bear Valley Dam.....	February.	.....	.....	.....	.....	.....	21.06
Bowman's Dam.....	.....	.....	.....	.....	.....	.....	18.08
Dunsmuir.....	.....	40.3	60	15†	29	2†	21.15
San Miguel Island.....	.....	53.0	65	14	44	3†	5.57
Santa Margarita.....	.....	59.5	81	16	34	4	11.92

ERRATA. JANUARY, 1915.

Betteravia, page 4, monthly mean temperature 51.0, should be 50.7.  
 Bishop Creek, page 4, monthly mean temperature 26.1, should be 25.8.  
 Blue Canon, pages 4 and 7, total monthly rainfall 15.11, should be 14.70.  
 Cahulla, page 4, monthly mean temperature 36.2, should be 36.3.  
 Crescent City, page 4, monthly mean temperature 46.7, should be 46.6.  
 Dudley, page 4, monthly mean temperature 43.4, should be 44.2.  
 Edison, page 4, monthly mean temperature 51.8, should be 52.0.  
 Fordyce Dam, page 4, monthly mean temperature 24.4, should be 24.5.  
 Fort Bidwell, page 4, total monthly snowfall 24.0, should be 23.0.  
 Gilta, page 4, monthly mean temperature 40.2, should be 40.4.  
 Gold Run, page 4, monthly mean temperature 39.6, should be 40.8.  
 Grass Valley, page 4, monthly mean temperature 41.4, should be 41.6.  
 Greenland Ranch, page 20, monthly mean temperature 65.1, should be 64.6.  
 Hanford, page 4, monthly mean temperature 46.4, should be 46.2; greatest daily range 33, should be 35.  
 La Jolla, page 5, monthly mean temperature 50.8, should be 50.2.  
 Lindsay, page 5, monthly mean temperature 46.9, should be 46.2.  
 Oceanside, page 5, monthly mean temperature 57.9, should be 58.2.  
 Pasadena, page 5, monthly mean temperature 52.0, should be 52.1.  
 Red Bluff, page 10, mean minimum temperature 38.2, should be 38.1; page 5, monthly mean temperature 44.6, should be 44.5.  
 Rialto (near), page 5, monthly mean temperature 50.9, should be 51.0.  
 San Bernardino, page 5, monthly mean temperature 50.7, should be 50.8.  
 San Luis Obispo, page 5, greatest precipitation in 24 hours 2.27, should be 2.30.  
 San Miguel Island, page 5, monthly mean temperature 53.2, should be 53.3.









Daily Precipitation for March, 1915.-Continued.

Table with columns: Stations, Day of Month (1-31), and Total. Rows list various California locations like Pacific, Palm Springs, Parkfield, etc., with precipitation values for each day.

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 March, 1915.

Table with columns for Stations, 1-31, and Mean. Rows list various California locations such as Alturas, Bakersfield, Barstow, etc., with their corresponding daily temperature data.

**SNOWFALL IN THE MOUNTAINS.**

The snowfall in the mountains during March, 1915, was very light except in portions of southern California, where average amounts were reported. The deficiency was marked in the Sierra Nevada and Siskiyou ranges. The heavy snow of the preceding months was well packed and there was very little run-off, leaving at the close of the month more than the average amount of solid snow on the ground at the higher levels. All reports showed a large amount of snow in the higher mountains, which at this time of the year would indicate an ample supply of water for irrigation and power purposes.

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

*Bunker Hill.*—A cubic foot of snow taken 2 feet below the surface weighed 26 pounds.—C. F. Bettinger.

*Clover Valley.*—A cubic foot of snow taken from the surface weighed 27 pounds.—L. Giudici.

*Inskip.*—Cubes of one foot taken from the surface and at 3 and 5 feet below, weighed respectively 28 1-2 pounds, 34 1-2 and 35.—T. M. Cooper.

*Table Rock.*—A cubic foot of snow taken from the surface of the bank weighed 22 1-4 pounds and one taken from 5 feet below the surface weighed 29 pounds and when melted gave 15 1-2 quarts of water.—Caroline M. Hayes.

*Tamarack.*—A cubic foot of snow taken from the surface and from 6 and 12 feet below the surface weighed respectively 26 pounds, 27 1-2 and 29.—J. W. Thomburg.

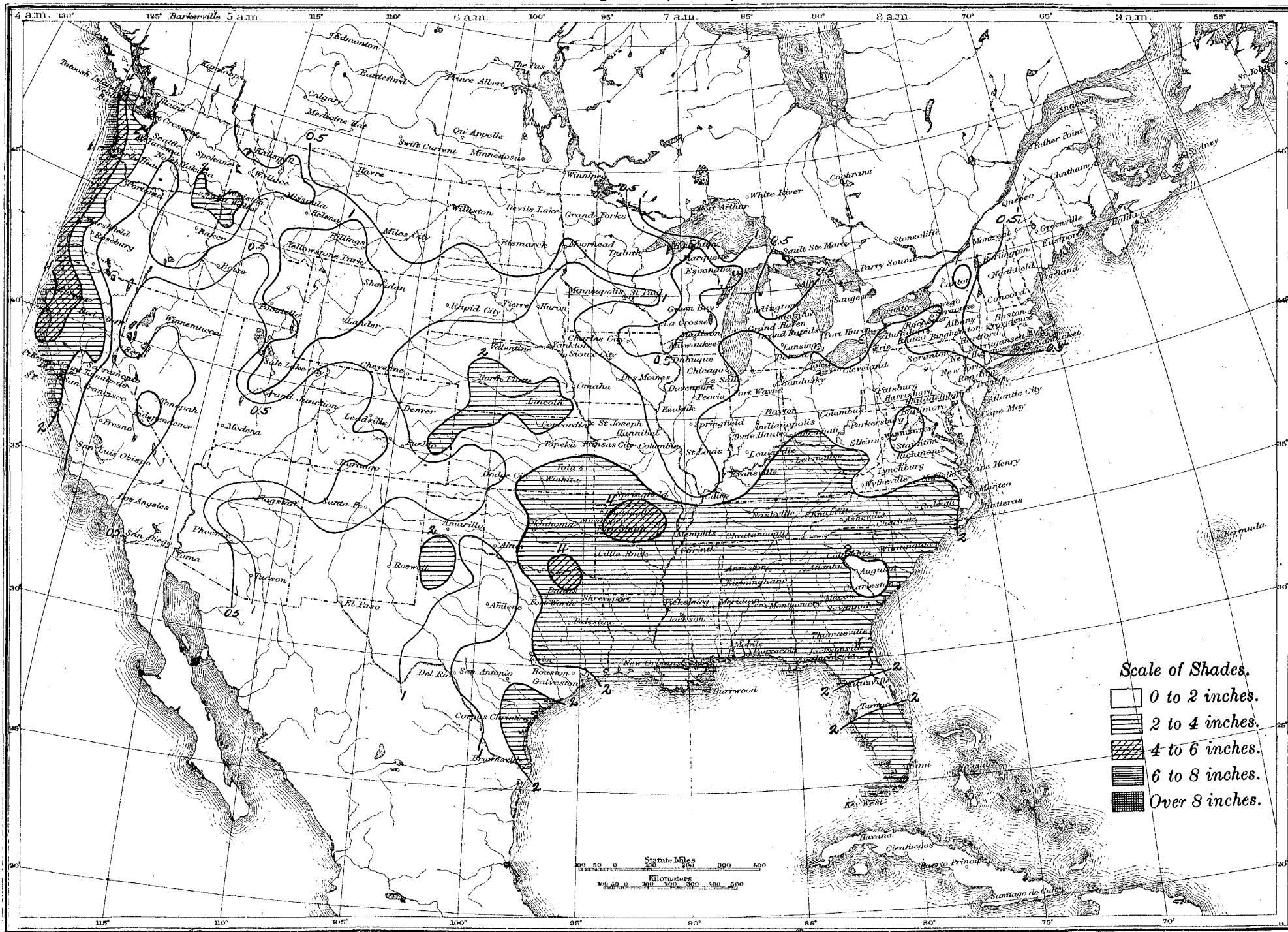
**COMPARATIVE SNOWFALL DATA FOR MARCH.**  
(Amount on the Ground.)

	FORDYCE DAM.			SUMMIT.			TAMARACK.		
	1st.	15th.	31st.	1st.	15th.	31st.	1st.	15th.	31st.
1907.....	98	119	154	104	191	262	101	210	348
1908.....	105	87	75	116	130	60	131	126	84
1909.....	131	116	126	201	196	191	256	255	253
1910.....	72	58	71	65	38	68	101	82	90
1911.....	128	154	124	222	276	138	443	440	338
1912.....	45	80	67	26	81	53	44	79	62
1913.....	80	72	82	52	42	50	115	103	107
1914.....	130	113	108	178	140	124	271	255	258
1915.....	133	117	100	182	153	119	185	161	143

**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.
<b>Klamath Watershed.</b>					
<i>Siskiyou County.</i>					
Macdoel.....	0		0	0	
Gilta.....	0		0	0	-16
<i>Trinity County.</i>					
Hayfork.....	0		0	0	
Hfampom.....	0		0	0	
Ruth.....	0		0	0	
Weaverville.....	0		0	0	
<i>Humboldt County.</i>					
Weitchpec.....	0		0	0	-1
<b>Mountain Lakes.</b>					
<i>Modoc County.</i>					
Cedarville.....	0		0	0	-15
Fort Bidwell.....	0.5		0	0	
<i>Lassen County.</i>					
Eagle Lake.....	0.8		10	0	-23
Fredonia.....	4				
Madeline.....	3		0	0	-8
Susanville.....	0		0	0	-14
<i>Nevada County.</i>					
Boca.....	6		11	4	-20
Truckee.....	11		16	7	-30
<i>Inyo County.</i>					
Bishop Creek.....	27			17	-6
Lone Pine.....	0		0	0	
Wells Meadow.....	8				
<b>Sacramento Watershed.</b>					
<i>Siskiyou County.</i>					
Dunsmuir.....	1		0	0	
McCloud.....	1		4	0	-16
Sisson.....	0		0	0	-23
<i>Modoc County.</i>					
Alturas.....	0		0	0	-6
<i>Shasta County.</i>					
Burney.....	0		0	0	-5
<i>Plumas County.</i>					
Canon Dam.....	4		36	20	
Chester.....	5		37	24	-31
Clover Valley.....	7		21	8	-8
La Porte.....	16		61	46	-61
Letter Box.....	30		158	146	-56
Portola.....	0.2		0	0	
Quincy.....	4		0	0	-12
<i>Butte County.</i>					
De Saba.....	0		0	0	
Inskip.....	16		82	66	-42
Stirling City.....	1		0	0	-27
West Branch.....	T.		0	0	-24
<i>Yuba County.</i>					
Camptonville.....	0		0	0	-19
<i>Sierra County.</i>					
Bunker Hill.....	46			120	-22
Dorsey s.....	12			72	-47
Downville.....	4		0	0	-8
Sierra City.....	7		0	0	-33
Sierraville.....	2		4	0	-20
Table Rock.....	25		88	78	-40
<i>Nevada County.</i>					
Bowman's Dam.....	9			40	-69
Deer Creek.....	4		8	T.	-40
Fordyce Dam.....	20		117	100	-74
Lake Spaulding.....	10		68	48	-63
<i>Placer County.</i>					
Blue Canon.....	27		36	22	-30
Cisco.....	8		110	75	-54
Emigrant Gap.....	13		32	22	-41
Soda Springs.....	15		84	76	
Summit.....	20		153	119	-26
<i>El Dorado County.</i>					
Pilot Creek.....					
<b>San Joaquin Watershed.</b>					
<i>Alpine County.</i>					
Tamarack.....	20		161	143	-83
<i>Tuolumne County.</i>					
Hetch Hetchy.....	1		0	0	-14
Lake Eleanor.....	7		0	0	-43
<i>Mamiposa County.</i>					
Yosemite.....	3		1	0	-23
<i>Fresno County.</i>					
Hume.....	1		14	0	
<i>Tulare County.</i>					
Hot Springs.....	0		0	0	
Springville.....	8		0	0	-9
<i>Kern County.</i>					
Bear Valley.....	5		0	0	-4
<b>Mountains of Southern California.</b>					
Bear Valley Dam.....	36		60	47	+11
Converse Nursery.....	24		0	0	
Holcomb.....	14		44	12	-6
Squirrel Inn.....	14		T.	T.	0
Seven Oaks.....	12		0	0	+1
Nellie.....	12		T.	0	0
Julian.....	5		0	0	0
Cuyamaca.....	0		0	0	-9

# Total Precipitation, March, 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.