

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

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# CLIMATOLOGICAL DATA

## CALIFORNIA SECTION

SEPTEMBER, 1915

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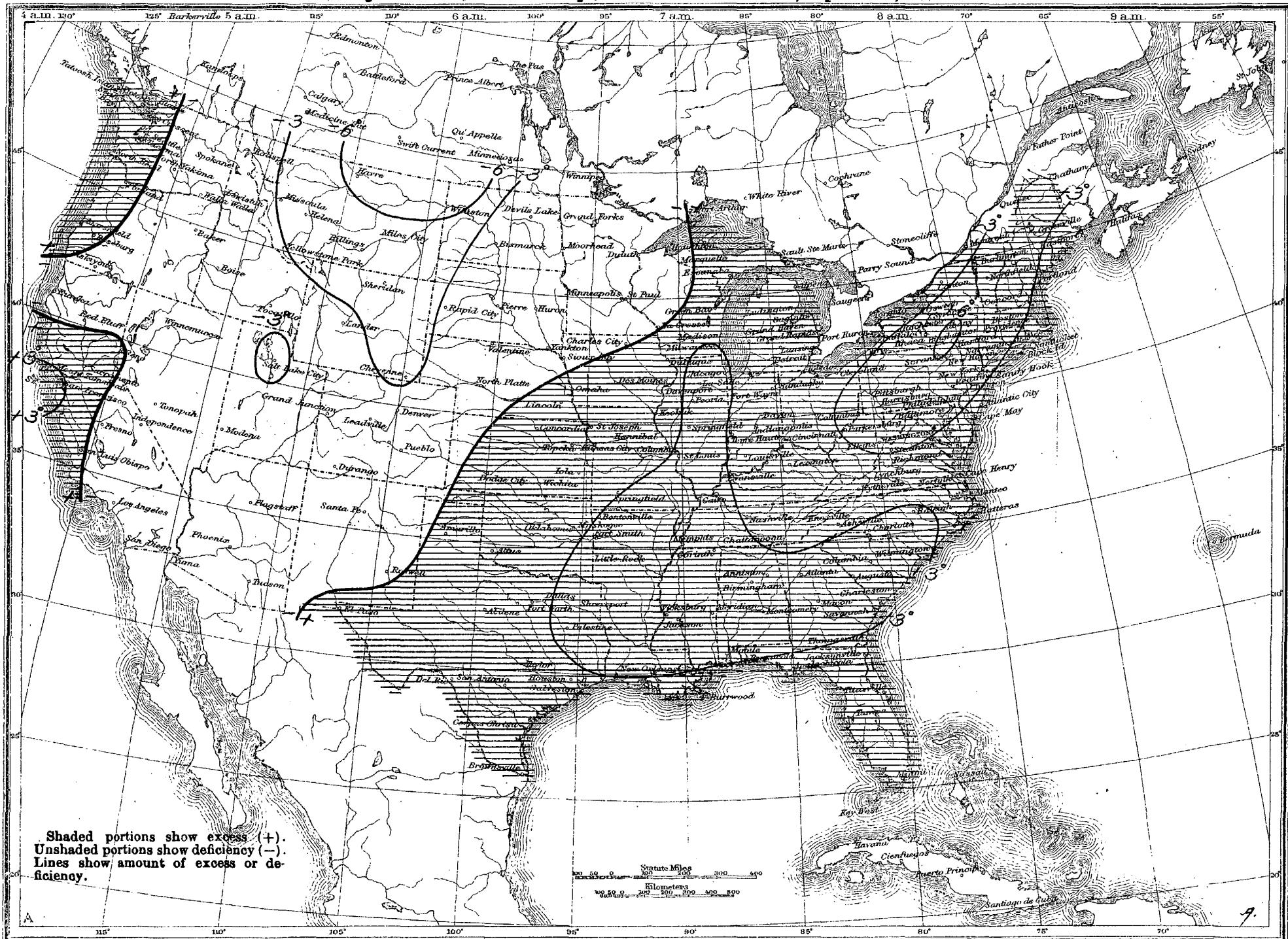
BY  
GEORGE H. WILLSON  
DISTRICT FORECASTER AND SECTION DIRECTOR

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SAN FRANCISCO, CAL.  
WEATHER BUREAU OFFICE  
OCTOBER 20, 1915

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



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

## CALIFORNIA SECTION.

G. H. WILLSON, District Forecaster.

VOL. XIX. SAN FRANCISCO, SEPTEMBER, 1915. No. 9.

## GENERAL SUMMARY.

The outstanding feature of the month was the almost unbroken continuance of dry weather, characteristic more nearly of summer than early fall. Aside from the thundershowers in the Santa Cruz and Sierra Nevada mountains at the beginning of the month, and the precipitation which was largely confined to the extreme southern counties on the 24th and 25th, rainless weather prevailed in practically all agricultural sections and over unusually large mountain areas. There was no precipitation at all at 131 stations, and at 56 others the amounts were so small as not to be susceptible of measurement. The weather was therefore highly favorable for fruit drying and no loss was sustained by the fruit or raisin interests; although the disturbance which developed over the Plateau on the 23rd and which caused rain in southern California on the 24th and 25th, produced very threatening conditions in the San Joaquin Valley at the same time, with scattered light showers in the adjacent foot-hills and mountains. Comparatively few thunderstorms were reported, and these occurred chiefly on the dates of rainfall referred to above, viz., the 1st and 24th. Those occurring on the 24th in the southern part of the State were accompanied, in many cases, by a fall of hail.

The temperature averaged below normal in the interior and at a few coast points, and this notwithstanding the fact that there were several periods during the month when the day temperatures in the great valleys were decidedly above normal. Periods of abnormally cool weather in the interior were as follows: from the 11th to 14th and on the 24th, 26th and 27th. In southern California the variability was less pronounced and the coolest days of the month were the 29th and 30th.

## PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea-level, was 29.88 inches.

The highest was 30.22 inches at Eureka on the 27th.

The lowest was 29.34 inches at Independence on the 24th.

The range for the State was 0.88 inch.

## TEMPERATURE.

The monthly mean temperature for the State was 66.2 degrees, which is 2.3 degrees below the normal.

The highest monthly mean was 101.1 degrees at Greenland Ranch and the lowest was 48.2 degrees at Fordyce Dam.

The highest temperature, 112 degrees, occurred at Greenland Ranch on the 1st and 21st and at Blythe on the 22nd, and the lowest was 16 degrees at Bridgeport on the 12th.

The range for the State was 96 degrees.

## PRECIPITATION.

The average precipitation for the State was 0.06 inch or 0.43 inch below the normal.

The greatest monthly amount was 1.00 inch at Lordsburg and Bishop Creek, while none occurred at 131 stations.

The greatest amount in 24 hours was 1.00 inch at Lordsburg on the 24th.

There was measurable snowfall at only 2 stations, the larger amount being 9.0 inches and falling at Bishop Creek (elevation 8,500 feet) on the 24th.

## MISCELLANEOUS PHENOMENA.

*Thunderstorms.*—Abbotts, 2; Arrowhead Springs, Bear Valley Dam, 24; Calaveras, 1, 24; Campbell, 1; Claremont, 25; Converse Nursery, 1, 14, 24; Crescent City, 12; Dobbins (near), 24; Electra, Glennville, 1; Holcomb, 24; Hollister, 1; Independence, 10; Las Plumas, 23; Lick Observatory, Mill Creek No. 1, Milton (near), 1; Ojai Valley, 2; Salinas, 1; San Bernardino, 24; Santa Cruz, San Jose, 1; Seven Oaks, Squirrel Inn, 24; Tamarack, 1; Three Rivers, 2; Tuolumne, 1.

*Earthquakes.*—Antelope Valley, 8; Mesa Grande, 5; Paso Robles, 8; San Diego, 8; Yorba Linda, 29.

## OBSERVERS' NOTES.

*Rialto (near).*—Lightning struck the power plant on the 24th doing damage to machinery, but not disturbing the grounded radio set at this place.—J. B. Witte.

## RELATIVE HUMIDITY.—(Per Cent.)

Stations.	5 A. M.	5 P. M.	Mean.
Eureka.....	94	81	88
Fresno.....	59	21	40
Los Angeles.....	88	65	76
Mount Tamalpais.....	44	41	42
Red Bluff.....	51	20	36
Sacramento.....	79	30	54
San Diego.....	90	77	84
San Francisco.....	87	68	78
San Jose.....	87	51	69
San Luis Obispo.....	86	58	72

## SUNSHINE AND CLOUDINESS.

Stations.	Actual Hours of Sunshine.	Percent of the Possible.
Eureka.....	148	40
Fresno.....	348	93
Los Angeles.....	371	75
Mount Tamalpais.....	352	94
Red Bluff.....	357	96
Sacramento.....	332	89
San Diego.....	277	75
San Francisco.....	301	81
San Jose.....	346	93
San Luis Obispo.....	291	78

## WIND MOVEMENT.—(Miles.)

Stations.	Total Movement for Mo.	Avg. Hr. Vel.	Max. Vel.	Dir.	Date.
Eureka.....	3776	5.2	31	n	24
Fresno.....	5036	7.0	31	nw	12
Independence.....	3890	5.3	27	sw	12
Los Angeles.....	3733	5.2	19	s	14
Mount Tamalpais.....	12747	17.7	80	nw	23
Point Reyes.....	15299	21.2	72	nw	23
Red Bluff.....	3427	4.8	28	n	23
Sacramento.....	5052	7.0	30	sw	25
San Diego.....	4576	6.4	20	s	24
San Francisco.....	7134	9.9	34	sw	2
San Jose.....	2544	3.5	15	w	23
San Luis Obispo.....	2741	3.8	16	w	27

The prevailing direction of the wind for the State was west.

## Climatological Data for September, 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 (unmeted).	Precipitation, 01 inch or more.	Clear.	Partly cloudy.	Cloudy.
Alturas.....	Modoc.....	4,400	11	57.0	.....	91	17	25	29	61	0.13	-0.56	0.13	0	1	21	7	nw.
American Camp.....	Modoc.....	3,200	68.0	-5.5	89	18	42	25	30	0.10	-0.10	0	0	0	1	26	0	s.
Angiola.....	Tuolumne.....	208	55	66.3	100	9	34	13 <sup>t</sup>	54	0.00	-0.35	0.00	0	0	0	0	0	nw.
Antioch.....	Contra Costa.....	46	36	62.0	+1.1	74	19	45	23	.....	0.00	-0.28	0.00	0	1	22	3	e.
Aptos **.....	Santa Cruz.....	102	30	67.1	-0.5	98	22	51	14	37	T.	-0.45	0.07	0	0	0	0	Southern Pacific Co.
Arrowhead Springs.....	San Bernardino.....	2,000	6	70.5	-0.5	94	21 <sup>t</sup>	45	27	35	0.00	-0.53	0.00	0	0	0	0	do
Auburn.....	Placer.....	1,360	44	64.1	.....	74	21 <sup>t</sup>	55	27 <sup>t</sup>	16	0.00	0.00	0.00	0	0	0	0	John Jurgens.
Avalon.....	Los Angeles.....	30	5	64.1	.....	74	21 <sup>t</sup>	55	27 <sup>t</sup>	16	0.00	0.00	0.00	0	0	0	0	Southern Pacific Co.
Azusa.....	do.....	540	13	70.4	-0.6	103	22	45	15 <sup>t</sup>	52	0.36	+0.08	0.36	0	1	24	3	sw.
Bagdad.....	San Bernardino.....	784	12	81.8	-3.9	104	21 <sup>t</sup>	57	26	37	0.00	-0.14	0.00	0	0	0	0	Santa Fe Co.
Bakersfield.....	Kern.....	404	26	69.4	-5.3	100	20	38	13 <sup>t</sup>	53	0.01	-0.18	0.01	0	1	23	0	w.
Barstow.....	San Bernardino.....	2,105	12	74.5	+0.2	100	21 <sup>t</sup>	48	29	40	T.	-0.16	0.00	0	0	0	0	Southern Pacific Co.
Berkeley.....	Alameda.....	317	28	63.2	+1.8	85	18	49	23 <sup>t</sup>	33	0.00	-0.58	0.00	0	0	0	0	Union Sugar Co.
Betteravia.....	Santa Barbara.....	155	2	61.4	.....	86	17	40	27	36	0.00	0.00	0.00	0	0	0	0	do
Biggs **.....	Butte.....	98	16	78.3	+6.7	98	2 <sup>t</sup>	56	27	.....	0.09	-0.46	0.60	0	0	0	0	Southern Pacific Co.
Bishop.....	Inyo.....	4,450	20	62.0	-2.4	93	1	29	12	56	0.55	+0.32	0.55	0	1	27	0	sw.
Bishop Creek.....	do.....	8,500	5	52.2	.....	78	10	30	15 <sup>t</sup>	36	1.00	0.90	9.0	0	2	22	2	do
Blocksburg.....	Humboldt.....	1,700	9	64.0	.....	96	29	36	7	50	0.00	0.00	0	0	0	0	Victor Hope.	
Blue Canon.....	Placer.....	4,695	16	88.1	.....	88	17	.....	.....	.....	0.05	-1.02	0.05	0	1	26	3	s.
Blythe.....	Riverside.....	268	6	79.0	.....	112	22	45	27 <sup>t</sup>	54	0.55	0.55	0	1	26	1	sw.	
Branscomb.....	Mendocino.....	2,000	15	61.3	+0.5	89	4	37	13	46	0.00	-1.15	0.00	0	0	0	0	A. J. Haun.
Brawley.....	Imperial.....	105	5	80.5 <sup>t</sup>	.....	107 <sup>t</sup>	22	52	27	44 <sup>t</sup>	T.	0	0	0	0	0	0	M. D. Witter.
Bridgeport.....	Mono.....	6,500	1	50.7	.....	80	64	16	12	53	0.62	0.30	0	4	19	5	w.	
Burney.....	Shasta.....	3,300	5	55.9	.....	87	18	27	14	51	0.03	0.03	0	1	21	7	sw.	
Cahuilla.....	Riverside.....	3,600	4	56.0	.....	94	22	21	26 <sup>t</sup>	65	0.06	0.06	0	1	28	0	2	Dr. W. L. Shawk.
Calixico.....	Imperial.....	0	10	81.2	-2.3	109	22	52	26 <sup>t</sup>	44	T.	-0.09	0	0	0	0	J. E. Peck.	
Caliente **.....	Kern.....	1,200	39	69.9	-5.1	98	4 <sup>t</sup>	50	27 <sup>t</sup>	.....	T.	-0.09	0	0	0	0	Southern Pacific Co.	
Calistoga **.....	Napa.....	363	43	61.3	-5.4	93	18	50	4 <sup>t</sup>	.....	0.00	-0.48	0.00	0	0	0	0	Paul F. Lodge.
Campbell.....	Santa Clara.....	217	18	62.2	-0.8	90	18	40	23 <sup>t</sup>	46	T.	-0.43	0	0	0	0	do	
Camptonville (near).....	Yuba.....	3,500	8	65.8	.....	88	2 <sup>t</sup>	38	14	36	T.	0	0	0	0	0	F. M. Righter.	
Canon Dam.....	Plumas.....	4,570	1	58.5	.....	92	4	30	14	57	0.05	0.05	0	1	27	2	n.	
Cedarville.....	Modoc.....	4,675	21	58.4 <sup>t</sup>	-0.7	89 <sup>t</sup>	17	32 <sup>t</sup>	14	46 <sup>t</sup>	0.06	-0.49	0.06	0	1	21 <sup>t</sup>	3 <sup>t</sup>	w.
Chico.....	do.....	490	1	67.5	.....	96	1 <sup>t</sup>	44	14	44	T.	-0.50	0	0	0	0	T. H. Johnstone.	
China Flat.....	Humboldt.....	189	45	71.2	-3.4	96	15	43	14	50	0.00	0.00	0	0	0	0	Pacific Gas & Electric Co.	
Chino **.....	San Bernardino.....	714	23	68.8	-3.5	98	5 <sup>t</sup>	50	23	.....	0.44	+0.34	0.44	0	1	23	3	w.
Cisco **.....	Placer.....	5,939	44	63.4	+7.7	86	14	38	27	.....	0.00	-0.61	0.00	0	0	0	0	John O. Ozle.
Claremont.....	Los Angeles.....	1,200	23	67.2	-3.4	101	22	42	15 <sup>t</sup>	48	0.41	+0.28	0.37	0	3	18	9	Producers Trans. Co.
Cloverdale.....	Sonoma.....	340	13	67.6 <sup>t</sup>	0	95 <sup>t</sup>	18	41 <sup>t</sup>	11	48 <sup>t</sup>	0.00	-0.66	0.00	0	0	0	0	Southern Pacific Co.
Coalinga.....	Presno.....	663	3	66.9	.....	105	1	35	27	55	0.00	0.00	0	0	0	0	C. D. McComish.	
Colfax.....	Placer.....	2,421	44	65.6	-3.9	90	14	39	27	41	T.	-0.66	0	0	0	0	Edw. N. Mumus.	
Colusa.....	Colusa.....	60	12	67.6 <sup>t</sup>	-1.4	89 <sup>t</sup>	18 <sup>t</sup>	48 <sup>t</sup>	27 <sup>t</sup>	35 <sup>t</sup>	0.00	-0.32	0.00	0	0	0	0	Edw. N. Mumus.
Converse Nursery.....	San Bernardino.....	6,000	1	57.4	.....	82	21 <sup>t</sup>	32	13 <sup>t</sup>	35	0.91	0.63	T.	0	3	20	6	sw.
Corning **.....	Tehama.....	277	29	77.4	+3.5	95	3 <sup>t</sup>	61	24 <sup>t</sup>	.....	0.00	-0.42	0.00	0	0	0	0	Thos. E. Peacock.
Corona.....	Riverside.....	615	1	71.3	.....	101	22	46	27	45	0.00	0.00	0	0	0	0	John O. Beckett.	
Crescent City.....	Del Norte.....	125	1	58.8	-3.1	89	2 <sup>t</sup>	42	61	42	0.34	-1.68	0.21	0	0	0	0	John O. Beckett.
Cuyamaca.....	San Diego.....	4,677	16	61.6	+1.5	85	21 <sup>t</sup>	38	28	37	0.51	-0.09	0.46	0	0	0	0	Cal. Gas and Electric Co.
Davis.....	Yolo.....	51	43	69.7	-2.3	102	18 <sup>t</sup>	43	23 <sup>t</sup>	52	0.00	-0.26	0.00	0	0	0	0	John O. Beckett.
Deer Creek.....	Nevada.....	8,700	8	58.6	.....	84	9	32	14 <sup>t</sup>	44	T.	0	0	0	0	0	0	Producers Trans. Co.
Del Monte.....	Monterey.....	25	4	63.6	.....	80	15	49	29	.....	0.00	0.00	0	0	0	0	John O. Warner.	
Delta.....	Shasta.....	1,188	30	63.2	-6.5	90	4	42	12 <sup>t</sup>	35	0.00	-1.11	0.00	0	0	0	0	Southern Pacific Co.
Denair.....	Stanislaus.....	126	15	66.9	-4.2	93	18 <sup>t</sup>	43	12 <sup>t</sup>	41	0.00	-0.17	0.60	0	0	0	0	Southern Pacific Co.
De Sabla.....	Butte.....	2,500	11	63.6	.....	86	3 <sup>t</sup>	38	14 <sup>t</sup>	40	0.00	-1.35	0.00	0	0	0	0	Cal. Gas and Electric Co.
Dobbins (near).....	Yuba.....	1,650	11	70.9	-1.7	96	18	46	27	36	0.01	-1.03	0.01	0	1	24	5	do
Downieville.....	Sierra.....	3,150	4	61.8	.....	94	4	34	14	52	T.	0	0	0	0	0	0	I. T. Mason.
Dudley.....	Mariposa.....	3,000	6	59.2	.....	89	18	30	18	47	T.	0	0	0	0	0	0	Producers Trans. Co.
Dunlap (near).....	Fresno.....	2,800	3	59.8	.....	100	22	48	14	39	T.	0	0	0	0	0	0	W. H. Dudley.
Dunnigan **.....	Yolo.....	65	38	81.9	+7.3	103	2	60	26	.....	0.60	-0.41	0.00	0	0	0	0	U. S. Forest Service.
Dunsuir.....	Siskiyou.....	2,285	26	66.8	+5.5	94	4	43	14	49	0.00	-1.14	0.00	0	0	0	0	do
Durham.....	Butte.....	160	20	65.5	-1.7	97	28	42	26	33	T.	-0.75	0	0	0	0	0	R. W. Durham.
East Park.....	Colusa.....	1	68.3	.....	98	18	40	11 <sup>t</sup>	50	0.00	0.00	0	0	0	0	0	0	J. J. Ica.
Edison.....	Kern.....	2,500	1	78.7	.....	98	3 <sup>t</sup>	54	11 <sup>t</sup>	30	0.00	-0.14	0.00	0	0	0	0	So. Cal. Edison Co.
El Cajon.....	San Diego.....	482	16	66.2	-4.7	97	22	42	28	45	0.00	-0.12	0.00	0	0	0	0	H. H. Kessler.
Electra.....	Amador.....	725	11	69.4	-2.1	95	18 <sup>t</sup>	45	16	42	0.27	-0.39	0.27	0	1	28	2	sw.
Emigrant Gap.....	Placer.....	5,230	41	57.8	-1.2	88	18 <sup>t</sup>	28	13	38 <sup>t</sup>	T.	-0.49	0	0	0	0	0	Southern Pacific Co.
Escondido.....	San Diego.....	657	21	67.8	-0.7	97	22	40	28	43	T.	-0.08	0	0	0	0	0	A. R. Moon.
EUREKA.....	Humboldt.....	64	29	54.4	-0.5	66	16	45	28	16	0.11	-1.27	0.06	0	0	0	0	U. S. Weather Bureau.
Farmington **.....	San Joaquin.....	111	36	72.8	+0.8	93	19	50	24	.....	0.18	-0.18	0.18	0	1	28	0	sw.
Folsom.....	Sacramento.....	252	43	72.3	+0.5	97	2	48	14	39	T.	-0.40	0	0	0	0	0	G. I. Marvin.
Fontana.....	San Bernardino.....	1,325	3	69.6	.....	104	22	47	12 <sup>t</sup>	46	0.07	0.06	0	0	0	0	0	Fontana Co.
Fordyce Dam.....	Nevada.....	6,500	20	48.2	.....	67	18	27	27	31	T.	-1.66	0	0	0	0	0	E. R. Roening.
Fort Bidwell.....	Modoc.....	4,375	26	57.4	-4.4	86	5 <sup>t</sup>	42										

## Climatological Data for September, 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 1 inch or more.	Partly cloudy.	Cloudy.		
Jamestown	Tuolumne	1,471	12	67.8		90	8†	43	23	42	(4.0)	-0.76	0.00	0	0				
Kennedy Mine	Anadot	1,500	1	67.8		100	4	45	12	44	0.00	0.00	0	0	23	6	1		
Kennett	Shasta	730	3	72.1		89	18	39	11†	45	0.00	-0.88	0.00	0	19	7	4		
Kentfield	Marin	65	27	60.6	+4.6	98	18	40	25	41	0.00	-5.23	0.00	0	27	0	3		
King City	Monterey	333	28	71.4		94†	4	43†	26	42 <sup>a</sup>	0.20	0.10	0	0	2	21 <sup>a</sup>	4 <sup>a</sup>		
La Jolla	San Diego	2,715	1	61.6 <sup>c</sup>		88 <sup>a</sup>	19	30 <sup>a</sup>	13	45 <sup>a</sup>	0.12	0.07	0	0	2	24	2 <sup>a</sup>		
Lake Eleanor	Tuolumne	4,700	5	58.4 <sup>c</sup>		92	9	30	12†	44	0.10	-1.45	T	0	0	2	4		
Lake Spaulding	Nevada	4,600	1	59.3		80	18	26	12	40	0.12	-1.77	0.10	0	2	26	2 <sup>a</sup>		
La Porte	Plumas	5,000	21	54.8	-0.4	98	2	32	14	32	0.00	0.00	0	0	30	0	0		
Las Plumas	Butte	506	1	74.9		98	2	32	14	32	0.00	0.00	0	0	2	26	2 <sup>a</sup>		
Le Grande	Merced	255	15																
Lemon Cove	Tulare	600	20	74.3	-0.6	107	1	46	13	44	T	-0.45	T	0	0	23	7	0	
Lick Observatory	Santa Clara	4,209	26	61.6	-1.0	80	2	39	24	21	0.01	-0.35	0.01	0	1	28	1	1	
Lindsay	Tulare	384	1	71.0		100	19	44	12†	46	T	0	0	0	0	25	3	2	
Livermore	Alameda	485	44																
Lone Pine	Inyo	3,728	10	67.7	+2.2	95	2	44	15	42	T	-0.30	T	0	0	25	5	0	
LOS ANGELES	Los Angeles	293	38	68.0	+1.5	86	22	54	28	26	T	-0.08	T	0	0	18	9	3 <sup>b</sup>	
Los Banos **	Merced	121	28									0.00	-0.13	0.00	0	0	22	0	8
Los Gatos	Santa Clara	600	28	65.2	-0.4	92	18	45	12	38	0.00	-0.57	0.00	0	0	25	5	0	
Lyon Valley	San Diego	2,250	1	56.1		96	22	20	25	59	0.00	0.00	0	0	24	0	6		
McCloud	Siskiyou	3,410	5	56.8		87	17	30	11	59	0.03	0.02	0	0	26	1	3		
Macdoel	do	4,528	10	51.4		90	18	24	25†	56	0.00	0.00	0	0	0				
Madeline	Lassen	5,270	6	55.2		85	17†	28	23†	50	0.07	0.07	0	1	23	6	1		
Magalia	Butte	2,321	11	67.2	+6.9	97	1	41	11	41	0.00	-2.25	0.00	0	0	27	1	2	
Mammoth Tank	Imperial	257	37	82.3	-7.7	110	22	56	26	34	0.00	-0.04	0.00	0	0	26	0	4	
Maricopa	Kern	640	42	72.6		105	1	46	27	40	0.05	-0.29	0.04	0	2	29	0	1	
Marysville	Yuba	67	44	73.2	-0.8	98	9	43	15	44	0.00	-0.34	0.00	0	0	28	2	0	
Mecca	Riverside	-185	9	82.1		109	23	58	15†	40	T	0	0	0	0	25	5	0	
Merced	do	173	41	71.0	-2.7	100	1	46	27	44	0.00	-0.22	0.00	0	0	27	2	1	
Middlewater	Kern	803	4	68.6 <sup>b</sup>		100	1	30†	27	60 <sup>a</sup>	0.00	0.00	0	0	0	22	8	4	
Mill Creek—1	Anadot	2,500	8	63.2		90	20	38	28	46	0.24	0.24	0	1	26	0	4		
Mill Creek—2	San Bernardino	2,950	1	72.4		100	22	45	26	33	0.03	-0.68	0.03	0	1	18	8	4	
Milton (near)	Calaveras	660	24	71.4	-0.2	96	1†	48	14	36	0.22	0	1	0	28	1	1		
Mineral	Tehama	60	37																
Modesto **	Stanislaus	90	43	69.8	-4.9	92	19	43	28		0.28	+0.08	0.28	0	1	28	0	2	
Mokelumne Hill	Calaveras	1,550	22	69.0	+1.2	92	19	44	2	43	0.08	-0.51	0.08	0	1	27	2	1	
Montague	Siskiyou	2,450	27	61.7	-4.6	94	17	32	28	53	T	-0.32	T	0	0	18	11	1	
Monterey **	Monterey	15	50																
MOUNT TAMALPAIS	Marin	2,375	16	64.9	-1.2	83	19	44	23	23	0.00	-0.52	0.00	0	0	27	3	0	
Napa City	Napa	20	38	67.3	+4.3	91	8	44	28	44	0.00	-0.69	0.00	0	0	30	0	0	
Napa (S. H.)	do	60	37																
Needles	San Bernardino	477	23	80.4	-3.3	103	5	34	30	40	0.05	-0.19	0.05	0	1	25	1	4	
Nellie	San Diego	5,350	6	63.2		90	22	37	26	27	0.12	0.67	0.00	0	2	22	4	4	
Nevada City	Nevada	2,850	23	63.4	+1.2	93	18†	33	14	50	T	-0.77	T	0	0	29	0	1	
Newhall **	Los Angeles	1,200	38	73.3	-0.2	105	22	50	25†	50	0.00	-0.40	0.00	0	0	25	3	2	
Newman	Stanislaus	91	26	69.3	-4.3	95	24	40	6	54	0.00	-0.20	0.00	0	0				
North Bloomfield	Nevada	3,214	18	64.0	+0.2	91	3	38	26	41	0.00	-1.12	0.00	0	0	26	0	4	
North Fork	Madera	3,000	11	64.5		93	1	37	14†	44	T	-1.14	T	0	0	23	5	2	
Oakdale **	Stanislaus	156	21	73.3	+2.9	96	19	51	12		0.31	+0.10	0.31	0	1	28	2	0	
Oak Grove	San Diego	2,751	5	60.6		88	21	33	13	40	0.05	0.05	0	1	18	10	2		
Oakland	Alameda	36	39	63.0	+1.8	80	18	51	21†	26	0.00	-0.46	0.00	0	0	16	13	1	
Oceanside	San Diego	60	5	64.2		74	3†	52	27†	18	T	0	0	0	0	11	9	10	
Ojai Valley	Ventura	900	9	67.0		103	22	43	27†	52	0.05	0.05	0	1	25	5	0		
Orland	Glenn	254	33	73.0	-3.7	100	3†	49	20	46	0.00	-0.40	0.00	0	0	26	2	2	
Oreoville	Humboldt	520	12																
Oroville (near)	Butte	250	31	71.6	-1.4	100	18	40	27	46	T	-0.71	T	0	0	27	2	1	
Pacific	El Dorado	3,400	26	83.0	-1.6	108	21	64	14†	71	T	-0.09	T	0	0	22	3	5	
Palm Springs **	Riverside	584	26	83.0	-1.6	93	22	42	28	42	T	-0.15	T	0	0	25	4	1	
Pasadena	Los Angeles	827	25	66.5	-3.1	93	22	42	31	58	0.00	-0.29	0.00	0	0	26	3	1	
Paso Robles	San Luis Obispo	800	28	65.6	-0.5	109	1	31	29	58	0.00	-0.63	0.01	0	1	24	6	0	
Peachland	Sonoma	190	19	63.3 <sup>b</sup>	-0.4	98 <sup>a</sup>	18	37 <sup>a</sup>	12	56 <sup>a</sup>	0.01	0.00	0	0	0	21	9	0	
Petaluma	do	1	62.6			91	30	39	12†	50	0.00	-0.23	0.00	0	0	26	4	0	
Phoenix Dam	Tuolumne	2,500	1	76.6		102	5	45	26	37	0.00	0.00	0	0	0	27	3	0	
Placerville	El Dorado	1,875	26	63.4	-0.1	84	18	33	27	38	0.05	-0.67	0.05	0	0	27	3	0	
Point Loma	San Diego	302	9	65.6		75	3	56	30	44	0.02	-0.12	0.01	0	0	27	7	6	
POINT REYES	Marin	490	23	55.5	-0.7	66	29	49	28	46	0.00	-0.84	0.00	0	0	13	6	11	
Pomona	Los Angeles	857	1	68.2		100	22	45	15†	48	0.37	0.32	0.32	0	0	22	4	4	
Porterville	Tulare	464	26	73.6	-1.5	100	19	46	24	43	0.00	-0.29	0.00	0	0	24	2	2	
Portola	Plumas	56.2	9	94	2	20	26	67	0.01	0.01	0	0	0	1	23	0	7		
Quince	do	3,400	20	55.6	-0.6	89	17†	25	12†	59	0.25	-1.08	0.25	0	1	24	4	2	
RED BLUFF	Tehama	307	38	72.8	-1.1	98	8	53	12	37	0.00	-0.67	0.00	0	0	27	1	se	
Redding	Shasta	552	40	73.8 <sup>c</sup>	-0.2	101 <sup>a</sup>	4	40 <sup>a</sup>	13	47	0.00	-0.78	0.00	0	0	27	1	2	
Redlands	San Bernardino	1,352	22	70.0	-2.2	102	22	46	29	43	0.02	-0.32	0.01	0	0	27	2	1	
Redley (near)	Fresno	347	15	71.4	-0.8	98	1	45	13	42	0.00	-0.65	0.00	0	0	30	0	3	
Rialto (near)	San Bernardino	2,250	9	70.4		98	1	47	15	36	0.51	0.40	0.40	0	0	24	3	0	
Riverside	Rocklin	851	33	69.4	-2.1	106	22	41	27	55	T	-0.14	T	0	0	21	9	0	
Rohnerville	Placer	249	44	70.5	-1.9	98	18†	43	14†	48	0.00								

## Climatological Data for September, 1915.—Continued.

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.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Snowfall (unmelted), precipitation, in inch or more.							
Sierraville.....	Sierra.....	5,000	5	55.0		88	1	20	27	55	0.00	-0.06	0.00	0	18	6	nw.	C. D. Johnson.		
Sisson.....	Siskiyou.....	3,555	26	60.6	+2.2	90	1	31	12	57	0.00	-0.90	0.00	0	0	2	n.	Southern Pacific Co. do		
Soledad **.....	Monterey.....	188	41																	
Sonora.....	Tuolumne.....	1,825	4																	
Spreckels.....	Monterey.....	48	1	61.8		90	18	36	27	46	0.03	-0.06	0.03	0	1	25	5	w.	Chas. P. Jones.	
Springville.....	Tulare.....	4,000	8	57.0		89	11	31	19	58	0.43	-0.40	0.00	0	2	28	1	s.	Spreckels Sugar Co.	
Squirrel Inn.....	San Bernardino.....	5,280	5	59.2		81	22	37	26	36	0.53	+0.14	0.31	0	3	24	4	s.	Mrs. Claire McGeorge.	
Stanwood.....	Butte.....	2,140	11	62.1	-2.4	85	29	38	26	39	0.00	-1.60	0.00	0	0	23	7	sw.	A. D. Frantz.	
Stirling City.....	do.....	3,525	11	67.7		96	23	40	11	37	T.	-1.50	T.	0	0	23	5	se.	Cal. Gas and Electric Co.	
Stockton (S. H.).....	San Joaquin.....	23	44	67.9	-1.1	91	18	48	27	35	0.00	-0.21	0.00	0	0	30	0	sw.	Butte Co. R. R. Co.	
Storey.....	Madera.....	296	15	68.9	-2.2	95	19	41	28	43	0.00	-0.13	0.00	0	0	30	0	sw.	State Hospital.	
Suisun **.....	Solano.....	20	35	69.0	-0.8	97	18	57	13	0.00	-0.44	0.00	0	0	30	0	w.	Santa Fe Co.		
Sulphur Banks.....	Lake.....	1,350	3	67.5		101	2	36	19	53	0.00	0.00	0	0	0	0	sw.	Southern Pacific Co.		
Sunmut.....	Placer.....	7,017	42	53.0	-0.7	78	20 <sup>t</sup>	31	25	38	0.10	-0.29	0.10	T.	1	26	1	3	w.	M. S. Walters.
Susanville.....	Lassen.....	4,775	26	60.6	+0.6	86	22	30	13	45	0.00	-0.63	0.00	0	0	25	5	sw.	Southern Pacific Co.	
Tahoe.....	Placer.....	6,500	1	51.8		77	18 <sup>t</sup>	23	27	42	0.16	0.11	0	0	2	24	5	w.	G. H. Taylor.	
Tamarack.....	Alpine.....	8,000	9	52.4		90	20 <sup>t</sup>	26	12	58	0.30	-0.67	0.25	0.5	2	23	0	sw.	Mrs. Northrup A. Fomin.	
Tehama **.....	Tehama.....	220	44	76.4	+2.1	98	6	54	30	30	0.00	-0.36	0.00	0	0	24	3	n.	Cal. Gas and Electric Co.	
Tejon Rancho.....	Kern.....	1,500	12	74.8	+1.2	99	1	52	2 <sup>t</sup>	26	T.	-0.13	T.	0	0	27	1	sw.	W. B. de Billier.	
Three Rivers.....	Tulare.....	870	5	70.4		98	18	40	18	48	T.	T.	0	0	0	23	3	sw.	J. H. Pierce.	
Towle.....	Placer.....	3,704	29	62.2	-1.1	88	21	35	14	41	T.	-1.53	T.	0	0	25	2	sw.	Southern Pacific Co.	
Tracy **.....	San Joaquin.....	64	35	69.9	-2.1	92	34	50	11	0.00	-0.21	0.00	0	0	0	0	sw.	do		
Truckee.....	Nevada.....	5,819	44	53.4	-2.5	87	9	20	27	55	0.00	-0.30	0.00	0	0	25	1	sw.	Irvine Co.	
Tustin (near).....	Orange.....	125	1	67.0		92	22	44	27	38	0.00	-0.04	0.00	0	0	21	9	w.	U. S. Forest Service.	
Twin Valley.....	Lake.....	620	22	63.7		98	5	31	20	63	0.00	0.00	0.00	0	0	26	3	sw.	Dr. George McCowen.	
Ukiah.....	Mendocino.....	1,350	22	63.1	-2.5	95	2	38	12 <sup>t</sup>	47	0.00	-0.57	0.00	0	0	27	1	nw.	C. M. Hammond.	
Upper Lake.....	Lake.....	620	30																R. L. Nougaret.	
Vacaville.....	Solano.....	175	27	68.5	-2.3	100	19	42	27	49	0.00	-0.43	0.00	0	0	29	0	w.	J. A. Ream.	
Valley Springs **.....	Calaveras.....	673	26	72.4	+0.3	100	18	51	24	43	0.18	-0.30	0.18	0	1	26	1	sw.	Santa Fe Co.	
Visalia.....	Tulare.....	334	27	70.6	-1.1	95	3 <sup>t</sup>	43	25	43	0.00	-0.42	0.00	0	0	26	3	nw.	Spreckels Sugar Co.	
Walnut Creek.....	Contra Costa.....	149	5	68.0	-0.8	94	18	47	27	40	0.00	-0.57	0.00	0	0	25	0	sw.	U. S. Forest Service.	
Warner Springs.....	San Diego.....	3,165	7	68.4		101	22	38	26	48	0.07	0.07	0	1	27	1	sw.	Dr. George Garnett.		
Wasco.....	Kern.....	336	15	78.8	+6.2	103	1	57	27	27	0.00	-0.38	0.00	0	0	28	0	sw.	G. S. Garnett.	
Watsonville.....	Santa Cruz.....	23	19	59.4	-1.1	93	18	32	27	56	0.00	-0.37	0.00	0	0	13	15	s.	Cal. Gas and Electric Co.	
Weaverville.....	Trinity.....	2,162	3	59.8		98	4	32	28	61	T.	-0.50	T.	0	0	25	5	s.	F. E. Barnhouse.	
Weitchpec.....	Humboldt.....	1,700	5	63.7		95	8	39	12	46	0.14	0.14	0	1	26	0	w.	S. J. Walker.		
West Branch.....	Butte.....	3,216	1	61.4		89	8	34	15	46	0.00	0.00	0.00	0	0	25	0	n.	J. P. Kelly.	
Westley **.....	Stanislaus.....	90	26	75.4	+1.4	95	19	51	27	58	0.00	-0.22	0.00	0	0	29	0	n.	U. S. Forest Service.	
Wheatland.....	Yuba.....	84	28	69.2	-0.7	93	18 <sup>t</sup>	43	27	37	0.00	-0.51	0.00	0	0	25	4	s.	Win. Lombard.	
Willows.....	Glen.....	136	36	74.7	-0.9	100	8	49	26	43	0.00	-0.31	0.00	0	0	28	2	s.	Priest Valley.	
Yorba Linda.....	Orange.....	405	1	69.2		97	22	47	28	43	0.00	0.00	0.00	0	0	25	4	w.	J. P. Kelly.	
Yosemite.....	Mariposa.....	3,945	11	59.2 <sup>a</sup>		99 <sup>b</sup>	20	24	29	68 <sup>c</sup>	0.05	-1.30	0.05	0	1	28	1	n.	U. S. Forest Service.	
Yreka.....	Siskiyou.....	2,625	26	64.4		94	18	32	29	55	0.00	0.00	0.00	0	0	17	11	sw.	do	
Means and Extremes.....				66.2	-2.3	112	1 <sup>t</sup>	15	12	68	0.06	-0.43	1.00	T.	1	25	3	w.	do	

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 SEPTEMBER.

(MEAN MONTHLY TEMPERATURE FOR THE STATE.)

1897.....	67.7	1907.....	55.6
1898.....	69.2	1908.....	58.1
1899.....	70.9	1909.....	58.2
1900.....	65.4	1910.....	67.3
1901.....	66.0	1911.....	53.9
1902.....	70.7	1912.....	66.5
1903.....	68.7	1913.....	70.7
1904.....	70.3	1914.....	66.2
1905.....	68.6	1915.....	66.2
1906.....	68.6		

## (AVERAGE PRECIPITATION FOR THE STATE.)

1897.....	0.02	1907.....	0.13
1898.....	0.64	1908.....	0.49
1899.....	0.03	1909.....	0.52
1900.....	0.22	1910.....	0.69
1901.....	0.94	1911.....	0.19
1902.....	0.01	1912.....	1.65
1903.....	0.10	1913.....	0.07
1904.....	2.66	1914.....	0.23
1905.....	0.16	1915.....	0.06
1906.....	0.25		

## DELAYED REPORTS.

Stations.	Month.	Temperature.					Total precipitation
		Mean	Max.	Date	Min.	Date	
Dinuba.....	May.						1.53
Bowman's Dam.....	June.	64.9 <sup>a</sup>	92 <sup>b</sup>	8	88 <sup>c</sup>	12	0.00
Dunlap.....	"						0.70
Edgewood.....	July.						0.00
Bowman's Dam.....	"						1.09
Edgewood.....	"						0.00
Mills College.....	August.	64.4	89	28	49	18	0.02
Berkeley.....	"	65.4	88	31	46	3 <sup>t</sup>	0.00
Betteravia.....	"						0.00
Blue Canon.....	"						0.00
Bowman's Dam.....	"						0.00
Del Monte.....	"	59.6	80	29	60	3 <sup>t</sup>	0.00
Dinuba.....	"						0.00
Dunsmuir.....	"	75.2	105	28	50	5	0.00
Durham.....	"	80.2	107	29	53	11	0.00
Edgewood.....	"						0.04
Emigrant Gap.....	"	67.2	92	28 <sup>t</sup>	46	13 <sup>t</sup>	0.00
Fort Ross.....	"						0.00
Greenland Ranch.....	"	103.8	124	11	89	17 <sup>t</sup>	0.00
Jolon.....	"						0.00
Kernville.....	"						0.00
Kernville.....	"						0.00
Priest Valley.....	"						0.00
Rio Vista.....	"						0.00
San Miguel Island.....	"	65.1	85	27	51	1	0.00
Shively.....	"	59.8	88	22 <sup>t</sup>	30	7	0.00
Tamarack.....	"						T.

**Daily Precipitation for September, 1915.**

**Daily Precipitation for September, 1915.—Continued.**

Daily Precipitation for September, 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.

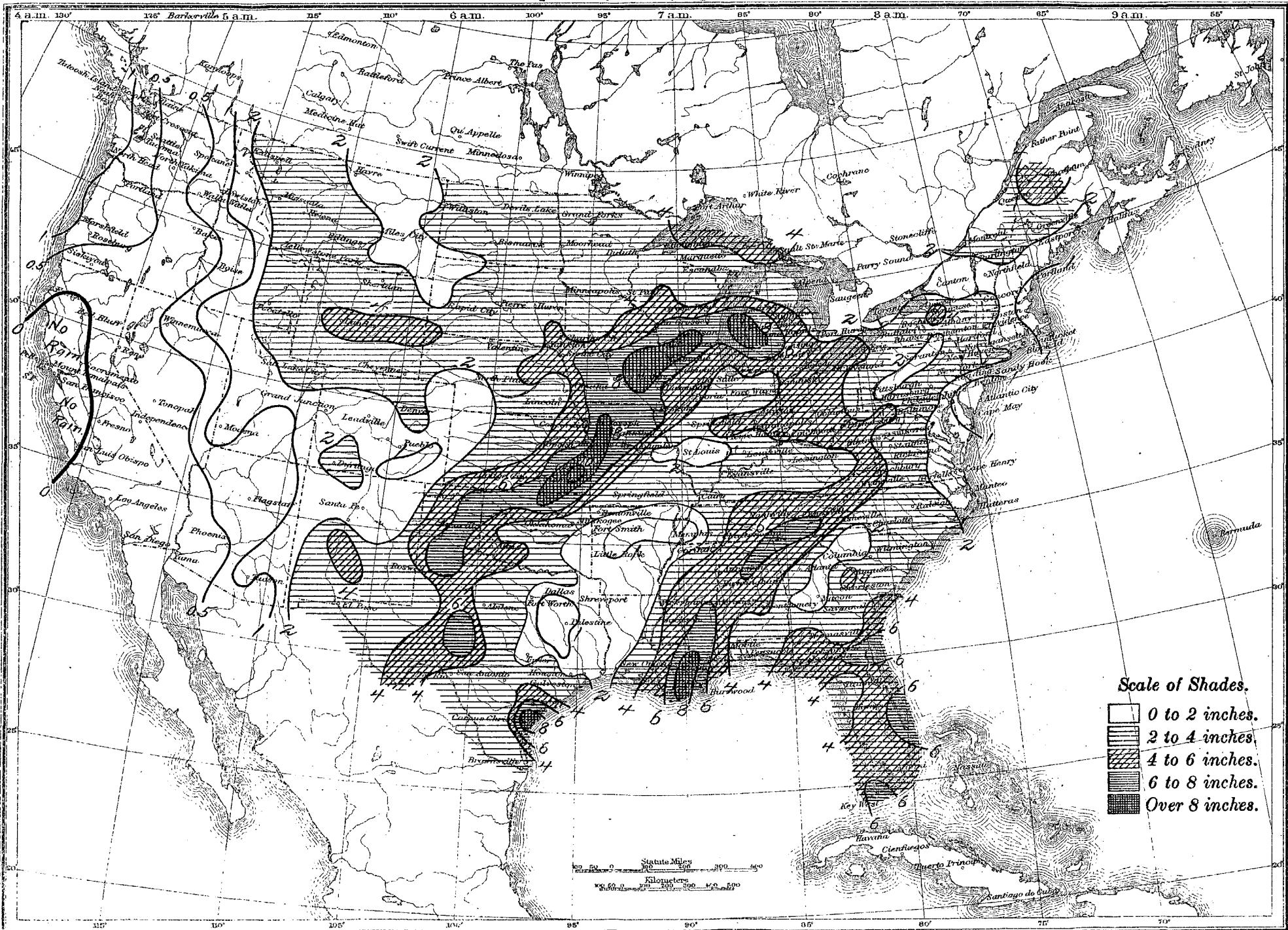
III. Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.  
† Separate dates of fall not recorded. T. Trace, or less than 0.01 inch.

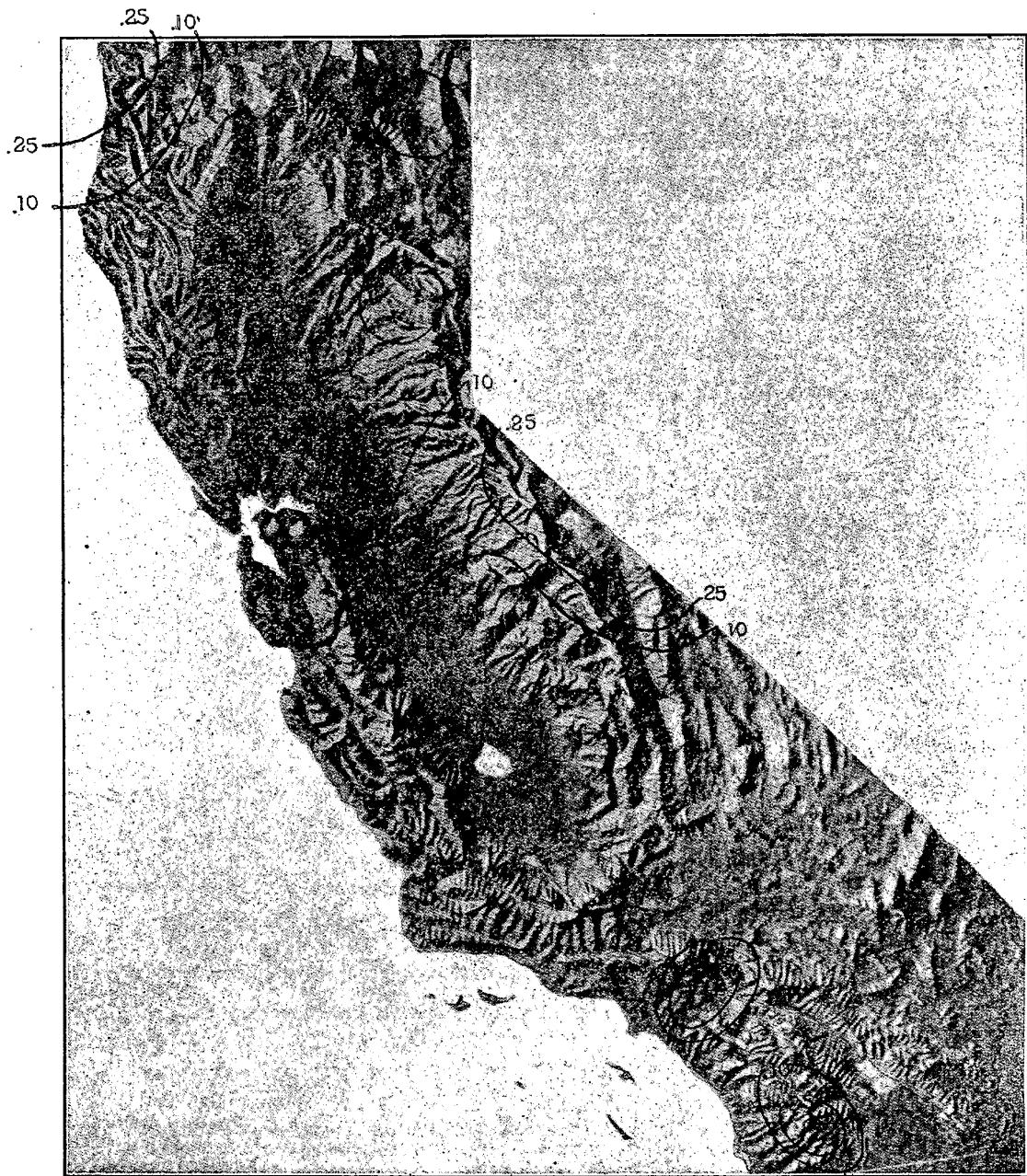
† Separate dates of fall not recorded. T. Trace, or less than 0.01 inch.

**Daily Temperature for September, 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 .....	85	80	82	90	90	85	82	86	82	77	69	63	55	72	81	86	91	93	89	89	84	72	65	73	69	67	74	84	87	79.5		
	Minimum .....	45	39	42	36	33	41	36	34	33	32	31	37	36	32	29	31	30	34	37	33	34	31	32	40	44	42	33	26	25	34.5		
Bakersfield.....	Maximum .....	99	97	97	96	97	97	96	98	97	87	87	82	89	94	95	98	95	98	98	100	98	95	93	93	82	80	85	92	97	91.9		
	Minimum .....	57	52	51	49	50	50	51	47	50	56	43	46	38	45	40	42	45	47	50	47	48	46	44	40	33	33	34	34	46.8			
Barstow.....	Maximum .....	94	94	92	95	94	92	94	95	90	93	84	76	80	84	88	92	95	95	98	98	100	100	92	90	85	82	86	85	88	91.9		
	Minimum .....	69	67	64	60	60	63	61	58	60	65	66	60	56	54	56	58	56	58	58	59	60	62	56	55	50	49	45	40	48	90.7		
Blacksburg.....	Maximum .....	85	89	90	91	87	86	88	82	82	78	77	72	73	89	86	91	90	93	88	82	55	53	51	51	51	51	51	51	51	58.3		
	Minimum .....	46	49	45	47	49	40	36	39	40	40	44	44	44	46	45	45	46	45	50	53	50	46	42	42	48	45	40	41	41	44.1		
Burney.....	Maximum .....	80	82	84	85	81	82	80	83	81	75	71	63	55	73	71	81	82	87	83	80	79	79	72	67	69	67	75	77	82.9			
	Minimum .....	37	36	35	36	39	40	40	35	35	36	34	33	27	30	33	33	36	33	34	33	30	33	34	32	34	30	31	29	30	34.3		
Calexico .....	Maximum .....	99	100	89	100	103	103	102	103	104	102	96	91	84	88	95	94	98	106	104	107	109	108	88	82	88	94	97	99	102	98.0		
	Minimum .....	77	74	70	69	70	71	64	58	65	65	70	73	64	63	55	58	62	62	65	72	70	71	66	61	52	56	55	59	64.4			
Chico .....	Maximum .....	96	96	96	96	96	92	90	90	96	92	80	88	86	88	92	94	96	92	90	84	82	80	82	83	90	90	89	81	89	89.1		
	Minimum .....	60	60	60	64	60	62	56	58	54	54	52	50	44	46	45	50	58	54	45	50	58	56	56	54	44	43	48	48	53.2			
Colfax .....	Maximum .....	90	83	88	85	84	82	86	83	84	69	63	65	54	74	50	83	88	90	90	83	83	73	70	68	62	81	89	90	80	80.7		
	Minimum .....	64	54	61	58	54	56	56	52	54	48	40	45	44	40	42	44	50	55	58	53	48	51	41	40	39	40	45	45	50.4			
Colusa.....	Maximum .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Minimum .....	90	84	79	83	87	87	86	88	86	90	84	80	74	72	79	85	86	81	83	88	97	91	73	68	78	80	89	78	77	82.5		
Escondido .....	Maximum .....	57	64	63	68	63	63	63	48	47	57	57	55	54	55	58	44	47	51	50	55	59	54	52	57	45	42	40	40	45	53.0		
	Minimum .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Eureka.....	Maximum .....	65	63	61	57	59	61	61	61	61	58	60	62	60	62	64	66	55	55	55	55	55	55	55	55	55	55	55	55	55	55	59.9	
	Minimum .....	50	49	51	53	50	47	49	50	48	48	48	45	48	45	49	48	50	50	49	49	49	49	49	49	49	49	49	49	49	49.1		
Fresno.....	Maximum .....	95	94	94	92	93	94	94	96	93	88	85	85	80	74	79	86	91	94	97	97	94	91	86	72	78	78	83	89	88.4			
	Minimum .....	65	64	63	61	61	60	61	60	58	58	53	54	52	52	55	57	59	62	63	62	60	58	58	52	53	54	51	57	55.7			
Hanford.....	Maximum .....	91	95	97	93	94	94	95	96	93	90	84	83	84	78	75	89	93	92	90	92	94	98	96	99	99	99	99	99	99	98.9		
	Minimum .....	60	59	57	57	57	58	58	57	58	53	49	48	46	45	48	50	52	50	52	50	49	48	48	47	47	45	45	45	51.2			
Hollister.....	Maximum .....	77	73	70	74	76	77	81	80	68	63	60	70	67	70	75	85	91	95	92	81	87	81	78	70	68	69	75	81	86	77.5		
	Minimum .....	57	52	53	50	51	50	50	48	54	56	50	46	45	48	49	50	50	51	51	50	44	45	45	45	45	45	45	45	49.1			
Independence.....	Maximum .....	86	86	82	84	88	87	88	87	90	78	73	73	77	76	70	76	81	88	88	89	91	88	86	87	86	87	88	88	88	81.5		
	Minimum .....	58	52	55	53	53	55	56	56	56	56	61	60	41	46	46	47	46	52	52	51	53	46	41	38	41	50	52	46	50.7			
Indio.....	Maximum .....	101	95	98	103	100	103	104	101	101	102	97	91	84	92	96	95	95	100	107	106	107	107	109	92	83	86	94	94	100	103	98.5	
	Minimum .....	70	74	72	74	78	81	75	72	77	72	73	66	60	59	60	58	66	73	73	74	76	64	62	60	59	61	63	67.8				
La Porte .....	Maximum .....	78	75	76	78	76	78	79	78	72	63	63	55	65	60	61	65	65	65	65	65	60	54	54	54	54	54	54	54	54	68.8		
	Minimum .....	52	47	40	50	48	45	43	41	45	42	38	34	26	34	32	40	43	40	34	39	36	42	40	42	40	42	40	42	40.7			
Lemon Cove.....	Maximum .....	107	97	99	96	95	96	97	98	95	97	95	87	84	86	86	84	82	92	97	98	96	98	99	99	99	99	99	99	92.6			
	Minimum .....	70	62	63	60	61	60	60	59	57	55	65	65	48	45	53	53	56	55	56	57	55	55	55	55	55	55	55	55	56.0			
Los Angeles.....	Maximum .....	86	81	77	71	81	79	80	81	79	74	71	73	75	81	82	79	73	73	78	73	73	73	73	73	73	73	73	73	77.1			
	Minimum .....	66	66	62	61	60	62	59	56	54	62	61	55	55	55	55	55	55	57	57	57	57	57	57	57	57	57	57	57	58.9			
Merced.....	Maximum .....	100	91	93	88	92	90	91	92	97	92	77	83	78	71	85	88	93	95	100	107	106	107	107	109	94	94	94	94	94	98.8		
	Minimum .....	64	62	60	58	57	57	54	55	55	58	60	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55.2			
Mokelumne Hill.....	Maximum .....	88	90	88	84	87	86	87	91	89	76	76	74	68	76	82	87	90	92	90	92	90	85	87	80	87	82	82	82	82	82.8		
	Minimum .....	61	63	56	56	56	57	58	54	51	48	48	46	48	51	66	63	63	66	63	55	54	54	54	54	54	54	54	54	55.2			
Needles.....	Maximum .....	91	75	88	96	99	103	93	96	97	96	98	90	95	98	96	98	98	98	98	98	98	98	98	98	98	98	98	98	93.4			
	Minimum .....	78	72	72	76	72	68	64	61	62	66	68	70	70	68	64	64	60	74	75	74	72	72	72	72	72	72	72	72	72.3			
North Fork.....	Maximum .....	93	89	88	87	88	89	88	90	88	80	75	74	68	68	84	88	80	92	91	90	98	98	98	98	98	98	98	98	98	83.1		
	Minimum .....	58	52	52	50	52	52	50	47	43	47	43	38	38	40	43	42	48	45	46	44	42	42	42	42	42	42	42	42	42.1			
Orland.....	Maximum .....	95	99	100	100	94	94	94	100	94	82	80	80	84	86	91	96	98	98	95	98	90	93	93	93	93	93	93	93	93	90.1		
	Minimum .....	63	74	58	58	58	56	56	55	55	55	52	50	52	50	56	54	54	54	54	54	54	54	54	54	54	54	54	54	54.2			
Orleans.....	Maximum .....	92	97	94	92	93	98	91	97	97	77	83	88	78	71	85	88	93	95	100	107	107	107	107	107	107	107	107	107	98.7			
	Minimum .....	67	66	59	57	54	54	55	55	58	60	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	54.4			
Oroville.....	Maximum .....	92																															

**Total Precipitation, Inches, September, 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.