U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

CALIFORNIA SECTION.

EDWARD A. BEALS, District Forecaster.

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GENERAL SUMMARY.

The outstanding feature of the weather in California during September was the excessive rainfall. For the State as a whole it was the wettest September in 14 years. The rainfall was excessive in the Sacramento, Santa Clara and northern San Joaquin Valleys, and in the San Francisco Bay region. At Red Bluff the total precipitation was 7.46 inches, the greatest for a month of September in the 41 years of record. Heavy snow fell on Mount Shasta on the 12th-13th, and again on the 27th, on which date light snow also fell throughout the high Sierras, the first reported there during the present season. Thunderstorms of extraordinary violence were frequent. A storm of this type did considerable damage in the Santa Clara Valley on the 21st. On the 27th, lightning struck an oil tank near Bakersfield, and in the fire which followed, property valued at $200,000 was destroyed. Two days later, another severe thunderstorm did considerable damage in the same vicinity, and lightning caused another oil fire near Maricopa, where property valued at $125,000 was consumed. Light hail occurred at several stations during the month, but no damage from that source was reported. Abnormal cloudiness kept the midday temperatures relatively low, and, as a result, the mean temperature for the month was somewhat below normal. After maintaining extremely low stages throughout the summer, streams showed a moderate rise following the heavy rains.

The weather during the first ten days of the month was similar to that of the two preceding months, hot and dry in the interior, and cool and foggy along the coast. Southern California experienced a hot spell from the 10th-12th. General rains, heavy in central California, fell from the 11th-14th. A few cloudless days followed, but a period of unsettled and showery weather began about the 18th, and persisted during the remainder of the month.

Agriculturally, the abnormal weather was partly favorable, partly unfavorable. Frequent showers and deficient sunshine did great damage to drying fruit, baled hay and sacked grain which was stacked in the fields. Much harm was done to unharvested beans in the Salinas and Sacramento Valleys. Drying prunes in the Santa Clara Valley and drying raisins grapes in the San Joaquin Valley were damaged by mildew and rot. However, as a result of ample rain warnings which were issued, a large portion of the uncured fruit was covered before the rains began. The principal compensating effects of the weather were the improved condition of pastures and the softening of the soil, making possible early fall plowing and seeding. Though the intermittent showers interrupted harvesting, the weather was favorable for the gathering of deciduous fruit, nuts, corn, sugar beets, cotton, beans and potatoes.

A. H. P.

PRESSURE.

The mean sea level pressure, determined from the records of twelve regular Weather Bureau stations, was 29.93 inches. The highest was 30.21 inches at Eureka on the 23d; the lowest was 29.66 inches at Fresno on the 16th; the range for the State was 0.55 inch.

TEMPERATURE.

The monthly mean temperature for the State, as shown by the records of 99 stations, was 67.6°, which is 0.9° below the normal.

The highest monthly mean was 85.8°, at Indio; and the lowest was 52.6°, at La Porte.

The highest temperature, 112°, occurred at Greenland Ranch on the 1st; and the lowest, 23°, occurred at Alturas on the 24th, and at Blue Canon on the 26th.

The range for the State was 89°.

PRECIPITATION.

The average precipitation for the State, as shown by the records of 223 stations, was 2.37 inches, or 1.88 inches above the normal.

The greatest monthly amount was 7.65 inches, at Downieville. Ten stations reported no precipitation.

The greatest amount in 24 hours was 6.12 inches at Red Bluff on the 13th-14th.

RELATIVE HUMIDITY, SUNSHINE AND CLOUDINESS.

Stations.	Relative humidity. (Per cent.)			Sunshine.	
	5 a. m.	5 p. m.	Mean.	Actual No. of hours	Per cent of possible.
Eureka	96	90	93	103	28
Fresno	76	39	57	302	81
Independence	49	25	37	309	83
Los Angeles	80	64	72	230	62
Mount Tamalpais	73	65	69	196	53
Red Bluff	75	53	64	251	67
Sacramento	86	53	70	242	65
San Diego	83	72	77	224	60
San Francisco	89	76	82	200	54
San Jose	.....	66	.....	214	58
San Luis Obispo	89	68	78	206	55

WIND MOVEMENT.—(Miles.)

Stations.	Total mov. for month.	Ave. hr. velocity.	Maximum velocity.	Direction.	Date.	Prev. dir.
Eureka	3,606	4.2	21	n.	22	n.
Fresno	5,166	7.2	35	nw.	12	nw.
Independence	3,986	5.5	30	se.	13	nw.
Los Angeles	3,962	5.5	24	ne.	26	sw.
Mount Tamalpais	7,387	10.3	35	w.	2	nw.
Point Reyes	9,813	13.6	49	nw.	22	nw.
Red Bluff	2,699	3.7	13	se.	14	se.
Sacramento	5,239	7.3	22	s.	3	s.
San Diego	4,524	6.3	22	s.	13	nw.
San Francisco	6,111	8.5	29	sw.	17	sw.
San Jose	3,136	4.3	18	nw.	7	nw.
San Luis Obispo	2,864	4.0	17	n.	11	nw.

COMPARATIVE DATA FOR SEPTEMBER.

Year.	Mean temp.	Ave. precip.	Year.	Mean temp.	Ave. precip.	Year.	Mean temp.	Ave. precip.	Year.	Mean temp.	Ave. precip.
1897	67.7	0.03	1903	68.7	0.10	1909	68.2	0.52	1915	66.2	0.06
1898	69.2	0.64	1904	70.3	2.66	1910	67.3	0.69	1916	66.4	0.56
1899	70.9	0.03	1905	68.6	0.16	1911	63.9	0.19	1917	69.0	0.10
1900	65.4	0.22	1906	68.6	0.25	1912	66.5	1.65	1918	67.6	2.37
1901	66.0	0.94	1907	65.6	0.13	1913	70.7	0.07	.....	.....	.....
1902	70.7	0.01	1908	68.1	0.49	1914	66.2	0.23	.....	.....	.....

* 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.

† Also on other dates. [a], [b], [c], etc., indicate respectively, 1, 2, 3, etc., days missing from the record.

Daily evaporation (inches) and wind movement (miles) for September, 1918.

Stations.	Data.	Day of Month.																													Monthly.
		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	
Chula Vista**1	Evaporation	.204	.218	.232	.219	.187	.195	.214	.230	.182	.246	.276	.303	.246	.193	.236	.190	.197	.151	.108	.161	.120	.228	.196	.181	.185	.159	.161	.230	.231	.187	....	6.066
	Wind movement	134	114	78	100	104	100	104	101	93	86	74	176	96	118	98	119	101	148	115	89	77	105	86	81	78	83	59	58	63	75	....	2,913
Dodgeland*2	Evaporation	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131	.174	.145	.172	.152	.198	.106	.139	.191	.....	.....
	Wind movement	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63	75	20	21	21	39	34	43	53	....	.....
Oakdale*3	Evaporation	.312	.332	.380	.263	.251	.316	.131	.228	.239	.222	.190	.133	.....	.....	.191	.167	.205	.216	.240	.146	.109	.039	.155	.145	.188	.165	.155	.148	.102	.273	....	[5].647
	Wind movement	143	127	142	152	129	119	142	145	80	60	43	88	132	89	102	65	91	90	181	150	119	120	82	74	68	59	103	61	52	114	....	3,122
Tahoe**4	Evaporation	.139	.175	.235	.220	.185	.145	.....	.055	.165	.125	.085	.115	.....	.....	.....	.155	.135	.150	.170	.155	.150	.....	.115	.115	.150	.105	.135	.075	.....	.035	....	[4].102
	Wind movement	54	47	63	79	89	79	64	73	77	64	48	49	53	64	68	97	53	66	57	71	48	64	66	24	83	54	82	46	36	51	....	1,869

* Observation taken at 7 a. m.; ** at 8 a. m. ‡ Included in next following entry.

1 Ele. 9 ft.; 10 miles SE of San Diego. 2 Ele. .... ft.; 16 miles SW of Chico. 3 Ele. 215 ft.; Woodward Reservoir, 8 miles N of Oakdale. 4 Ele. 6230 feet; float in Lake Tahoe.

Climatological Data for September, 1918.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.							Precipitation, in inches.				Number of days.				Prevailing direction of wind.	Observers
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Snowfall (unmelted).	Precipitation .01 inch or more.	Clear.	Partly cloudy.	Cloudy.		
Alturas	Modoc	4,400	14	60.4	+3.8	94	1	23	24	58	1.61	+1.02	0.71	0	7	12	11	7	s.	Prof. C. B. Towle.
Antioch	Contra Costa	46	39	69.2	−1.9	91	23	50	†10	38	6.64	+6.36	3.88	0	4	19	4	7	e.	C. G. McDaniel.
Atascadero	San Luis Obispo	887	2	63.0	.....	90	5	37	8	52	0.45	.....	0.36	0	7	15	12	3	sw.	Colony Holding Corp.
Avalon	Los Angeles	30	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	The Banning Co.
Azusa	do	540	16	74.5	+3.5	105	11	51	†9	45	0.76	+0.48	0.30	0	4	17	5	8	sw.	C. C. Hillis.
Bakersfield	Kern	404	29	74.7	0	102	1	50	8	45	0.38	+0.19	0.25	0	3	25	0	5	.....	Santa Fe Co.
Barstow	San Bernardino	2,105	15	74.3	0	100	12	48	24	40	1.48	+1.32	1.14	0	3	23	1	6	w.	E. L. White.
Berkeley	Alameda	317	31	63.0	+1.6	82	11	51	25	25	3.59	+3.01	2.07	0	6	9	14	7	sw.	State University.
Betteravia	Santa Barbara	155	5	64.6	.....	90	†10	40	†24	49	0.08	.....	0.06	0	2	26	0	4	.....	Union Sugar Co.
Blue Canon	Placer	4,695	19	55.0	−4.4	84	15	23	26	56	6.73	+5.67	3.00	0	4	17	5	8	e.	Southern Pacific Co.
Blythe	Riverside	268	9	83.4	.....	108	11	53	24	44	2.78	.....	2.78	0	1	29	0	1	sw.	C. L. Suits.
Bonita	San Diego	110	2	72.2	.....	105	28	47	24	41	T.	.....	T.	0	0	17	10	3	w.	R. M. Allen.
Branscomb	Mendocino	2,000	18	68.2	+7.4	100	6	44	†22	44	1.88	+0.73	1.00	0	5	22	1	7	n.	A. J. Haun.
Brawley	Imperial	−105	8	‖82.7	.....	‖103	29	‖55	25	‖40	T.	.....	T.	0	0	26	2	2	sw.	M. D. Witter
Calaveras Ranger Sta.	Calaveras	3,400	2	62.3	.....	86	11	41	10	40	3.50	.....	1.63	0	9	14	8	8	s.	U. S. Forest Service.
Calexico	Imperial	0	13	*83.1	−0.4	*105	6	*56	25	*40	0.00	−0.09	0.00	0	0	22	4	4	nw.	H. M. Rouse.
Camptonville (near)	Yuba	3,500	11	66.8	.....	98	1	42	23	40	6.98	.....	3.75	0	8	8	6	16	sw.	Pacific Gas & Electric Co.
Cedarville	Modoc	4,675	24	62.0	+2.9	89	2	32	24	41	1.55	+1.03	0.36	0	7	13	10	7	sw.	T. H. Johnstone.
Chico	Butte	189	48	69.9	−4.7	98	†1	47	5	40	3.49	+2.93	1.68	0	5	13	12	5	se.	U. S. Bureau Plant Ind.
Claremont	Los Angeles	1,200	26	70.4	−0.2	104	11	45	†9	39	0.41	+0.28	0.35	0	3	17	10	3	w.	Prof. F. P. Brackett.
Cloverdale	Sonoma	340	16	65.2	−2.4	87	†10	41	7	37	1.53	+0.87	0.96	0	4	18	6	6	s.	John O. Ogle.
Colfax	Placer	2,421	47	68.2	−1.3	95	†2	46	†8	37	5.54	+4.87	2.62	0	6	20	5	5	s.	Southern Pacific Co.
Corona	Riverside	615	4	74.4	.....	104	11	48	9	46	0.42	.....	0.23	0	3	21	7	2	nw.	T. C. Sias.
Crescent City	Del Norte	125	4	59.6	+3.9	82	17	41	†23	32	1.40	−0.62	0.99	0	3	22	5	3	nw.	Thos. E. Peacock.
Davis	Yolo	51	46	67.6	−4.4	96	2	46	5	49	4.07	+3.81	2.78	0	4	19	9	2	s.	S. H. Beckett.
Downieville	Sierra	3,150	7	63.2	.....	90	2	38	†4	50	7.65	.....	2.20	0	7	14	10	6	s.	J. T. Mason.
Durham	Butte	160	23	69.1	−1.1	98	4	49	14	42	2.62	+1.78	2.00	0	2	15	4	11	s.	R. W. Durham.
El Cajon	San Diego	482	19	74.6	+3.7	105	29	48	24	46	0.04	−0.08	0.04	0	1	24	5	1	sw.	Philip L. Kessler.
Elsinore	Riverside	1,300	2	75.6	.....	104	2	48	†9	45	0.19	.....	0.13	0	2	13	11	6	nw.	W. L. Wilhite.
Escondido	San Diego	657	24	72.4	+3.9	105	11	46	24	43	0.17	+0.09	0.10	0	5	17	7	6	w.	A. R. Moon.
EUREKA	Humboldt	64	32	56.6	+1.7	68	28	46	24	19	1.42	+0.31	0.78	0	6	2	5	23	n.	U. S. Weather Bureau.
Folsom	Sacramento	252	45	74.0	+2.2	103	10	50	23	45	3.61	+3.23	2.30	0	4	16	0	14	s.	G. I. Marvin.
Fontana	San Bernardino	1,325	6	73.2	.....	104	11	46	†9	46	0.49	.....	0.17	0	4	21	8	1	sw.	Fontana Land Co.
Fort Bidwell	Modoc	4,375	29	61.3	−0.5	90	1	31	24	43	1.52	+1.13	0.60	0	6	10	7	13	.....	C. R. Docious.
FRESNO	Fresno	293	31	72.5	−1.8	98	1	51	23	37	0.53	+0.26	0.25	0	6	19	6	5	nw.	U. S. Weather Bureau.
Grass Valley	Nevada	2,690	46	66.4	.....	90	2	45	23	28	5.96	+5.11	2.00	0	6	18	4	8	sw.	Mrs. L. M. Wentworth.
Greenland Ranch	Inyo	−178	7	84.2	.....	112	1	54	24	48	0.00	.....	0.00	0	0	24	0	6	.....	O. A. Denton.
Hanford	Kings	249	18	74.8	+2.4	100	†4	50	†2	46	0.88	+0.43	0.34	0	5	18	0	12	.....	Santa Fe Co.
Healdsburg	Sonoma	110	25	64.2	−1.5	89	10	45	†7	40	2.05	+1.47	1.43	0	2	4	1	25	se.	Dr. F. J. Kinley.
Hollister	San Benito	284	44	63.3	−2.3	83	10	46	23	30	4.51	+4.40	3.00	0	4	14	9	7	w.	Grangers' Union.
INDEPENDENCE	Inyo	3,957	22	68.4	−0.7	91	1	47	25	36	0.40	+0.30	0.14	0	5	21	4	5	nw.	U. S. Weather Bureau.
Inskip	Butte	4,975	11	60.8	.....	80	†1	40	23	24	5.00	.....	2.03	0	6	9	10	11	.....	Pacific Gas & Electric Co.
Kennett	Shasta	730	6	73.4	.....	103	17	50	25	43	3.01	.....	1.27	0	6	16	9	5	sw.	A. J. Reef.
King City	Monterey	333	31	*69.0	+2.2	*100	18	*40	9	*58	2.01	+1.78	1.67	0	3	25	0	5	.....	Southern Pacific Co.
La Porte	Plumas	5,000	24	52.6	−2.6	75	17	32	3	44	7.50	+5.75	2.50	0	7	21	7	2	n.	C. W. Hendel.
Lemon Cove	Tulare	600	23	72.6	−2.3	103	1	51	†8	41	0.27	−0.18	0.12	0	5	22	3	5	nw.	T. E. Bence.
Lick Observatory	Santa Clara	4,209	29	60.8	−1.8	79	2	39	23	28	5.18	+4.82	3.33	0	7	14	9	7	se.	The Director.
Lindsay	Tulare	384	4	71.4	.....	103	1	44	20	47	0.52	.....	0.18	0	6	16	8	6	nw.	Basil Prior.
Lone Pine	Inyo	3,728	13	63.4	−2.1	91	†1	38	9	46	0.70	+0.40	0.50	0	3	22	8	0	s.	G. F. Marsh.
LOS ANGELES	Los Angeles	293	41	72.2	+2.7	99	11	58	5	30	0.55	+0.49	0.44	0	4	13	8	9	sw.	U. S. Weather Bureau.
McCloud	Siskiyou	3,270	8	60.4	.....	89	18	31	†23	48	2.99	.....	0.98	0	6	13	5	12	s.	McCloud River Lbr. Co.
Madeline	Lassen	5,270	9	56.0	.....	85	19	30	†8	46	2.00	.....	0.50	0	6	10	8	12	sw.	J. H. Williams.
Marysville	Yuba	67	47	70.7	−3.3	93	2	50	†23	38	3.40	+3.05	2.00	0	6	13	12	5	s.	Southern Pacific Co.
Mecca	Riverside	−185	12	84.6	+1.3	106	6	56	9	43	T.	−0.12	T.	0	0	16	13	1	se.	E. A. Palmer.
Merced	Merced	173	44	69.8	−3.9	93	2	49	†23	36	0.76	+0.54	0.44	0	4	20	3	7	nw.	Santa Fe Co.
MOUNT TAMALPAIS	Marin	2,375	19	60.2	−5.9	80	17	46	22	24	2.90	+2.27	2.10	0	5	10	10	10	nw.	U. S. Weather Bureau.
Mount Wilson	Los Angeles	5,704	1	65.1	.....	89	1	41	23	29	1.90	.....	1.25	0	4	18	7	5	se.	Wendell P. Hoge.
Napa	Napa	20	41	63.4	−2.6	87	11	45	†10	40	2.65	+2.14	1.44	0	2	26	2	2	sw.	State Hospital
Needles	San Bernardino	477	26	84.4	+0.7	110	12	54	24	45	0.08	−0.16	0.07	0	2	18	4	8	e.	Santa Fe Co.
Nevada City	Nevada	2,850	26	62.4	+0.2	92	2	35	†8	50	6.03	+5.28	1.96	0	6	17	6	7	sw.	B. H. Preston.
Newman	Stanislaus	91	29	67.3	−6.3	97	3	41	4	51	3.04	+2.84	1.43	0	4	.....	.....	.....	.....	E. S. Wangenheim.
Oakland	Alameda	36	42	61.8	+0.6	78	11	52	†24	18	4.48	+4.02	2.72	0	5	3	9	18	w.	Chabot Observatory.
Orland	Glenn	254	36	71.2	−5.5	99	†1	50	23	39	1.97	+1.49	0.97	0	5	16	8	6	s.	U. S. Rec. Service.
Oroville (near)	Butte	250	34	68.4	−4.6	98	17	50	23	41	3.45	+2.76	1.72	0	5	4	12	14	sw.	E. D. Fairchild.
Pasadena	Los Angeles	1,085	28	71.0	+1.4	102	11	45	9	43	1.20	+1.05	0.47	0	5	15	7	8	sw.	R. P. Hamlin.
Paso Robles	San Luis Obispo	800	31	67.2	+1.1	96	1	41	8	53	0.46	+0.17	0.16	0	5	9	16	5	s.	E. J. Nye.
Petaluma	Sonoma	.....	4	58.2	.....	80	25	42	†23	38	2.85	+2.60	2.00	0	4	11	16	3	w.	John Landis.
Placerville	El Dorado	1,925	29	73.2	+9.7	94	1	56	23	26	4.19	+3.47	2.40	0	6	19	0	11	w.	O. E. Bailey.
POINT REYES	Marin	490	26	58.0	+1.8	75	11	52	30	22	1.96	+1.12	1.58	0	3	2	11	17	nw.	U. S. Weather Bureau.
Pomona	Los Angeles	857	4	72.0	.....	104	11	45	†9	50	0.40	.....	0.30	0	4	6	4	20	sw.	J. E. Adamson.
Porterville	Tulare	464	29	72.0	−3.4	100	1	47	8	42	0.74	+0.45	0.25	0	5	21	0	9	se.	Leslie McAuliffe.
Portola	Plumas	.....	3	73.0	.....	86	†12	26	†17	60	2.08	.....	1.00	0	4	22	8	0	sw.	Western Pacific Co.
RED BLUFF	Tehama	307	41	71.5	−1.6	99	17	53	23	36	7.46	+6.66	6.12	0	7	14	11	5	se.	U. S. Weather Bureau.
Redding	Shasta	552	43	72.8	−1.2	98	17	51	8	37	3.21	+2.43	1.40	0	7	11	16	3	nw.	J. H. Buick.
Redlands	San Bernardino	1,352	25	73.2	+1.0	103	11	47	9	45	0.07	−0.27	0.07	0	1	15	7	8	w.	P. W. Moore.
Riverside	Riverside	851	36	72.8	+0.7	105	11	45	24	50	0.30	−0.16	0.13	0	4	10	19	1	w.	I. H. D. Cox.
Rocklin	Placer	249	47	67.8	.....	96	3	48	†23	41	3.60	+3.33	2.15	0	5	13	7	10	s.	Southern Pacific Co.
SACRAMENTO	Sacramento	71	41	67.4	−1.7	90	17	50	23	35	3.58	+3.19	3.14	0	6	19	6	5	s.	U. S. Weather Bureau.
St. Helena	Napa	255	10	65.1	.....	92	11	43	30	45	3.43	.....	2.48	0	2	19	1	10	.....	St. Helena Star.
Salinas	Monterey	40	44	64.2	+3.1	80	10	49	†10	31	5.49	+5.29	3.12	0	6	6	15	9	w.	Dr. E. D. Eddy.
San Bernardino	San Bernardino	1,054	26	73.7	+2.6	100	†11	45	24	49	0.29	+0.15	0.21	0	3	11	18	1	sw.	Dr. A. K. Johnson.
SAN DIEGO	San Diego	87	47	70.6	+3.7	94	11	57	26	25	0.08	+0.02	0.06	0	3	13	12	5	nw.	U. S. Weather Bureau.
SAN FRANCISCO	San Francisco	207	47	62.2	+2.9	80	11	54	25	20	2.53	+2.24	1.53	0	4	6	11	13	sw.	do
San Jacinto	Riverside	1,550	25	73.2	+2.2	98	1	45	9	48	0.03	−0.15	0.03	0	1	24	4	2	.....	E. T. Tanner.
SAN JOSE	Santa Clara	95	43	64.5	−0.2	82	1	48	24	29	6.33	+5.99	4.32	0	5	10	12	8	nw.	U. S. Weather Bureau.
SAN LUIS OBISPO	San Luis Obispo	201	23	65.8	+4.3	90	10	50	9	38	0.73	+0.28	0.45	0	6	12	9	9	nw.	do
Santa Ana	Orange	133	1	‡69.2	.....	‡100	11	‡41	23	‡46	0.51	.....	0.34	0	3	19	3	8	sw.	Chamber of Commerce.
Santa Barbara	Santa Barbara	130	34	68.2	+2.4	90	11	50	24	33	2.13	+1.76	1.23	0	4	13	3	14	w.	G. W. Russell.
Santa Cruz	Santa Cruz	20	50	63.2	+0.1	82	†10	46	†10	36	6.60	+6.01	3.20	0	5	9	12	9	w.	W. R. Springer.
Santa Rosa	Sonoma	181	29	61.9	−2.3	87	11	40	22	39	2.52	+1.99	1.25	0	6	22	0	8	s.	Southern Pacific Co.
Spreckels	Monterey	48	4	63.9	.....	83	10	44	10	39	5.45	+5.36	3.20	0	5	6	16	8	.....	Spreckels Sugar Co.
Squirrel Inn	San Bernardino	5,280	8	62.4	.....	85	†1	40	15	34	0.71	+0.27	0.54	0	3	18	6	6	s.	Mrs. A. D. Frantz.
Stockton	San Joaquin	23	47	66.7	−2.3	97	1	51	†4	39	3.68	+3.47	3.13	0	5	17	7	6	nw.	State Hospital.
Summit	Placer	7,017	45	53.8	+0.1	80	20	28	†23	40	6.17	+5.73	2.36	0	7	7	11	12	s.	Southern Pacific Co.
Truckee	Nevada	5,819	47	58.2	+2.3	89	2	30	5	55	2.80	+2.51	0.90	0	4	9	0	21	sw.	do
Ukiah	Mendocino	620	25	66.6	+1.0	98	17	38	4	50	1.43	+0.86	0.98	0	2	6	17	7	se.	Dr. George McCowen.
Watsonville	Santa Cruz	23	22	63.6	+3.1	82	1	44	24	34	5.67	+5.30	3.36	0	3	1	17	12	s.	Spreckels Sugar Co.
Weaverville	Trinity	2,162	6	67.6	.....	102	1	33	3	63	2.43	+1.93	1.26	0	3	15	12	3	.....	U. S. Forest Service.
Willows	Glenn	136	39	68.4	−7.2	98	17	46	†4	41	1.79	+1.43	1.26	0	5	21	6	3	s.	J. T. McPherson.
Yosemite	Mariposa	3,960	14	63.2	+1.8	93	1	33	9	50	3.24	+1.80	1.14	0	6	13	13	4	sw.	Supt. National Park.
Yreka	Siskiyou	2,625	29	64.2	+2.9	98	1	33	†24	50	2.33	+1.92	1.28	0	7	15	7	8	n.	U. S. Forest Service.

Daily Precipitation for September, 1918.

Stations.	Watersheds.	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.
Alturas	Sacramento							.05	.12				.18	.28	.13														.14	.71			1.61
Antioch	San Joaquin												3.88	1.50	1.21							.05								T.		6.64
Atascadero	Coast											.01	.02	.36	.01													.01	.02	.02			0.45
Avalon §	Ocean																																
Azusa ‖§	Coast														.30	.07							.09	T.				.30	T.				0.76
Bakersfield	San Joaquin																										.25	.10	T.	.03			0.38
Barstow §	Desert																					.25						T.	.09	1.14			1.48
Berkeley	Coast											.02	2.07	1.41	.01					.01		.07											3.59
Betteravia ‖	....do																										.06	.02					0.08
Blue Canon ‖	Sacramento												3.00	2.55									.25								.93		6.73
Blythe	Colorado		2.78																														2.78
Bonita ‖	Coast														T.					T.								T.	T.				T.
Branscomb	....do									.12	T.		.46	1.00	.20	.10																	1.88
Brawley ‖	Imperial Valley																					T.											T.
Calaveras R. S.	San Joaquin						.01	.09				T.	.06	1.63	.53							.37						T.	.63	.01	.18		3.50
Calexico ‖	Imperial Valley																																0.00
Camptonville	San Joaquin							T.				.01	3.75	.60	1.39							.09							1.05	.07	.02		6.98
Cedarville	Mountain Lakes							.12		.09			.16	.26	.27							T.		T.					.29		.36		1.55
Chico	Sacramento												.87	1.68	.60														.52	.32			3.49
Claremont ‖§	Coast														.03												.35	.03					0.41
Cloverdale	....do								T.			T.	.55	.96	.01							T.					.01						1.53
Colfax ‖	Sacramento							T.					.40	2.62	1.55	.02						.20								.75			5.54
Corona	Coast														.17							T.						.23	.02				0.42
Crescent City	....do								.29				T.	.12	.99																			1.40
Davis	Sacramento												2.78	1.00	.20							.09												4.07
Downieville	....do												2.02	2.20	1.60							.26	.06						.97	.54				7.65
Durham	....do												2.00	.62								T.												2.62
El Cajon	Coast														.04					T.														0.04
Elsinore ‖	....do																										.13	.06						0.19
Escondido	....do															.10		.03	.01	.01	.02													0.17
EUREKA ***	....do							T.	.31			T.	.29	.45	.35					.01		.01												1.42
Folsom	Sacramento							T.					.35	2.30	.37	T.							T.							.69			3.61
Fontana §	Coast														.14													.17	.16	.02			0.49
Fort Bidwell	Mountain Lakes							.11	T.				.08	.20	.40							T.	T.						.13	.60			1.52
FRESNO ***	San Joaquin							.01				T.	T.	T.								.08						.11	.10	.05	.18		0.53
Grass Valley	Sacramento												2.00	1.77	1.40							.19					T.		.48	.12			5.96
Greenland Ranch	Desert																																0.00
Hanford ‖	San Joaquin																					.17					.06	.34	.21		.10		0.88
Healdsburg ‖	Coast								T.				T.	1.43	.62																			2.05
Hollister ‖	....do												.57	3.00	.58														T.		.36		4.51
INDEPENDENCE ***	Owens													T.								T.	.04					.12	.05	.14	.05		0.40
Inskip	Sacramento											T.	2.03	1.05	.94		.07					T.	T.							.37	.54			5.00
Kennett	....do						T.						.20	.73	1.27									.31						.23	.27			3.01
King City	Coast										T.	.28	1.67	.06								T.											2.01
La Porte	Sacramento											T.	2.50	2.08	1.61				.05			.06	T.						1.10	.10			7.50
Lemon Cove ‖	San Joaquin												T.		.05								.06					.01	.03	T.	.12		0.27
Lick Observatory	Coast						T.					.50	3.13	1.33	.10							.08							.02		.02		5.18
Lindsay	San Joaquin												T.	.01	.09													.18	.06	.02	.16		0.52
Lone Pine	Owens																				T.						.10	.50	T.	T.	.10		0.70
LOS ANGELES *** §	Coast													.07	.04							T.					.20	.24					0.55
McCloud	Sacramento									.19			.45	.51	.98														.05	.81			2.99
Madeline	Mountain Lakes	T.						T.	T.				.50	.38	.17	T.						.04	T.						.50	.41			2.00
Marysville	Sacramento											.68	2.00	.38								.06						.18	.10				3.40
Mecca	Desert																					T.											T.
Merced ‖	San Joaquin												.04	.18	.44								T.						T.	.10			0.76
MT. TAMALPAIS ***	Coast	T.										.02	1.27	1.59	.01							.01											2.90
Mount Wilson §	....do													.25	.38													1.25	.02				1.90
Napa	....do												1.44	1.21																			2.65
Needles §	Colorado			.07	.01																	T.	T.										0.08
Nevada City	Sacramento							T.				T.	1.87	1.96	1.19							.18	T.						.65	.18			6.03
Newman	San Joaquin											.05	1.43	1.26								.30											3.04
Oakland	Coast	T.										T.	2.72	1.65	.03							.06	.02										4.48
Orland	Sacramento							T.				T.	.56	.97	.39	T.	T.					T.	T.					.01	.04				1.97
Oroville (near)	....do											.49	1.72	.49								T.						.27	.48				3.45
Pasadena §	Coast													.24	.39	.02							.08					.47					1.20
Paso Robles ‖	....do												.05	.11	.16													.03		.11			0.46
Petaluma	....do											T.	.76	2.00						.05		.04												2.85
Placerville	Sacramento							T.					.03	2.40	1.10							.20								.36	.10			4.19
POINT REYES ***	Coast											T.	1.01	.94	.01													T.						1.96
Pomona ‖§	....do														.04	.02													.30	.04				0.40
Porterville ‖	San Joaquin														.07								.11						.23	.08		.25		0.74
Portola	Sacramento												1.00	1.00															.06	.02				2.08
RED BLUFF ***	....do									T.		.02	.92	2.68	3.52								T.	T.					.21	.08	.03			7.46
Redding ‖	....do												.14	1.09	1.40	.08							T.	.15					.15	.20				3.21
Redlands §	Coast																												.07					0.07
Riverside	....do														.07							.01					.13	.09					0.30
Rocklin ‖	Sacramento												.50	2.15	.03								.07							.58			3.60
SACRAMENTO ***	....do						T.					.04	3.13	.29								.02							.04	.06				3.58
St. Helena ‖	Coast												2.48	.95																				3.43
Salinas ‖	....do											.04	3.12	2.09	.05				.03			T.										.16		5.49
San Bernardino §	....do														.03						T.	.05							.21					0.29
SAN DIEGO ***	....do													T.	.06			T.	.01	.01							T.	T.						0.08
SAN FRANCISCO ***	....do	T.										.14	1.51	.86	.02							T.	T.											2.53
San Jacinto	....do																												.03					0.03
SAN JOSE ***	....do											.47	4.32	1.43	.03							.08												6.33
SAN LUIS OBISPO ***	....do											.04	.15	.45	T.						T.	T.							.06	.01		.02		0.73
Santa Ana § ‖	....do														.13														.34	.04				0.51
Santa Barbara	....do											T.	T.	.25	.26												1.23	.39						2.13
Santa Cruz	....do	T.										2.60	3.20	.70					.05	.05														6.60
Santa Rosa	....do												.07	1.25	1.12				.03	.03		.02												2.52
Spreckels ‖	....do												1.51	3.20	.41	.05																.28		5.45
Squirrel Inn §	....do														.14							.03							.54					0.71
Stockton ‖	San Joaquin						T.						.12	3.13	.24								.11								.08			3.68
Summit	Sacramento							.38					.38	2.08	2.36							.23	.21							.53				6.17
Truckee	Mountain Lakes													.70	.90									.70							.50		2.80
Ukiah	Coast								T.			T.	.45	.98															T.				1.43
Watsonville	....do											1.36	3.36	.95																				5.67
Weaverville	....do										T.	T.	.14	1.03	1.26							T.	T.												2.43
Willows	Sacramento											T.	.17	1.26	.31	.01						T.	T.					.04	T.	T.				1.79
Yosemite	San Joaquin													.28	.84								1.14						.34	.62	.02			3.24
Yreka	Klamath								.04	.05			.05	.21	1.28							T.	.65						.05					2.33

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. Stations marked thus § are in Los Angeles or San Bernardino Counties.

Daily Temperature for September, 1918.

Stations.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Bakersfield	Maximum	102	99	92	91	94	99	89	88	90	91	89	92	92	90	88	89	90	92	89	87	98	94	96	99	99	98	87	86	84	83	....	91.6
	Minimum	60	62	58	53	57	55	53	50	58	60	59	60	58	59	57	56	58	60	59	56	58	55	57	54	51	60	62	64	62	64	....	57.8
Calexico	Maximum	101	100	99	102	102	105	90	101	..	101	103	103	96	98	93	97	99	99	100	101	91	100	88	94	96	95	97	100	99	98	....	*98.3
	Minimum	74	80	75	65	67	67	66	73	66	..	69	77	75	71	66	60	62	66	70	73	75	72	59	57	56	59	62	70	70	67	....	*67.9
Chico	Maximum	98	98	93	85	87	92	89	82	78	81	90	90	70	73	76	84	87	98	94	79	80	79	69	79	82	83	86	80	78	80	....	84.0
	Minimum	63	60	58	48	47	58	50	48	52	53	54	65	65	62	56	57	59	60	60	59	57	56	48	48	51	53	55	55	62	55	....	55.8
Escondido	Maximum	84	88	87	85	87	87	89	85	84	95	105	95	88	78	78	80	78	81	77	85	84	80	78	80	81	91	92	103	98	95	....	86.6
	Minimum	59	57	63	50	51	54	52	56	49	53	63	67	68	67	60	56	63	58	63	58	58	58	53	46	51	48	66	73	65	61	....	58.2
Eureka	Maximum	60	57	64	59	54	58	63	61	62	60	61	64	63	64	61	59	62	58	60	61	59	59	60	59	60	64	62	68	65	57	....	60.8
	Minimum	51	52	52	53	52	51	51	54	54	52	52	57	56	57	54	54	53	52	55	56	55	53	48	46	50	52	49	49	52	48	....	52.3
Fresno	Maximum	98	97	92	88	92	93	83	77	81	84	81	87	83	79	82	88	93	93	85	84	81	78	75	82	87	89	86	80	84	83	....	85.5
	Minimum	66	61	62	54	55	59	60	51	55	55	64	63	68	61	56	60	64	65	58	56	58	59	51	53	58	58	62	67	65	59	....	59.5
Independence	Maximum	91	89	85	86	88	88	88	80	79	80	87	91	84	83	83	85	88	89	90	89	85	81	75	77	80	80	68	73	70	69	....	82.7
	Minimum	57	55	54	56	56	55	57	49	47	48	54	64	67	57	54	58	61	56	54	53	55	53	49	47	47	47	56	53	55	49	....	54.1
Los Angeles	Maximum	77	80	75	78	82	81	82	78	79	92	99	90	79	75	72	71	76	77	77	80	77	77	75	75	75	82	84	96	94	89	....	80.8
	Minimum	61	60	61	60	58	61	62	61	58	62	74	75	68	66	65	64	65	63	62	61	60	60	60	58	58	62	63	74	74	73	....	63.3
Merced	Maximum	92	93	88	86	90	89	80	76	79	84	80	82	76	76	80	85	91	86	79	78	76	73	75	80	81	87	82	78	83	84	....	82.4
	Minimum	64	60	57	53	54	56	56	53	54	55	55	64	64	60	57	57	60	63	59	57	52	58	49	49	53	56	59	60	63	58	....	57.2
Mount Tamalpais	Maximum	72	78	75	70	74	67	55	57	66	74	77	61	61	58	67	73	80	75	54	63	63	56	63	68	68	63	69	67	62	72	....	66.9
	Minimum	52	64	53	47	58	48	46	47	48	58	59	59	54	51	54	62	66	51	50	49	48	46	48	55	59	53	51	57	53	55	....	53.4
Oakland	Maximum	68	65	63	65	66	63	64	65	65	68	78	68	69	65	65	67	69	62	63	67	65	63	65	70	68	65	69	69	67	70	....	66.5
	Minimum	60	58	56	57	55	56	56	56	57	57	62	64	64	59	59	57	58	57	59	59	55	56	55	52	52	53	55	56	58	55	....	57.1
Orland	Maximum	99	95	86	89	91	90	81	76	78	90	91	70	74	75	87	87	99	89	77	81	81	71	78	82	90	94	81	83	83	87	....	84.5
	Minimum	64	62	57	51	55	60	52	53	55	51	59	64	65	61	60	60	61	63	59	60	60	56	50	54	54	59	55	58	64	55	....	58.0
Oroville	Maximum	90	93	85	89	95	89	88	72	80	87	89	78	75	76	82	85	98	87	78	79	75	70	77	85	83	79	80	78	78	87	....	82.9
	Minimum	60	57	57	55	54	58	54	52	53	52	67	65	65	62	59	60	62	62	60	59	59	57	50	53	54	57	53	56	55	52	....	54.0
Paso Robles	Maximum	96	92	85	89	95	92	89	83	80	85	86	70	79	70	80	82	91	88	76	77	83	84	76	80	86	88	80	83	78	88	....	83.7
	Minimum	50	46	47	45	42	44	46	44	43	44	59	64	64	56	56	56	52	55	54	56	52	44	44	42	47	45	50	62	57	56	....	50.6
Point Reyes	Maximum	62	60	58	60	58	60	61	62	62	61	75	68	69	64	60	58	57	58	63	66	65	62	59	58	60	64	66	69	63	62	....	62.2
	Minimum	54	52	52	52	52	53	52	54	54	54	53	56	60	56	54	54	54	53	54	55	55	56	53	53	52	52	53	55	55	52	....	53.8
Pomona	Maximum	94	92	85	88	93	94	90	88	88	98	104	97	92	83	78	79	82	87	78	91	80	85	81	87	84	95	75	98	98	97	....	88.7
	Minimum	55	52	58	51	49	51	50	50	45	48	58	62	66	68	63	53	63	62	60	54	52	53	52	45	45	45	62	65	62	62	....	55.4
Porterville	Maximum	100	97	93	90	97	85	88	83	82	85	89	90	89	82	85	90	93	96	89	87	84	82	74	82	88	90	82	86	84	78	....	87.3
	Minimum	65	61	62	56	55	57	50	47	48	54	60	60	59	60	54	56	57	60	59	56	59	59	51	48	49	54	54	65	65	62	....	56.7
Red Bluff	Maximum	89	94	84	87	90	90	80	74	77	90	90	70	76	75	90	89	99	90	78	81	79	69	77	82	84	91	78	81	81	83	....	83.3
	Minimum	65	65	62	55	56	62	54	53	58	54	65	64	61	61	61	58	64	66	60	63	63	59	53	53	55	59	56	61	65	57	....	59.6
Redlands	Maximum	96	95	88	88	93	94	88	85	87	99	103	95	89	82	77	78	84	85	76	94	84	80	77	85	88	93	75	98	97	93	....	88.2
	Minimum	56	58	58	53	53	55	57	52	47	55	66	71	65	67	60	60	61	59	60	49	57	62	55	48	51	50	63	67	66	66	....	58.2
Sacramento	Maximum	80	90	74	82	89	80	73	72	76	84	87	67	71	73	81	84	90	75	73	74	74	66	75	82	81	76	82	76	78	84	....	78.3
	Minimum	59	55	53	52	52	54	54	52	54	54	63	63	60	56	56	56	61	58	57	56	55	54	50	54	56	58	57	62	59	55	....	56.5
San Bernardino	Maximum	98	96	89	90	95	96	92	88	89	99	100	95	93	84	81	82	86	87	80	96	85	84	81	88	92	97	76	98	100	96	....	90.5
	Minimum	57	57	58	54	53	53	53	53	46	51	58	64	65	68	61	56	62	62	60	52	51	63	57	45	48	48	62	64	61	63	....	56.9
San Diego	Maximum	73	74	74	74	74	76	75	73	73	80	94	87	76	74	73	73	75	71	68	72	71	72	70	72	71	75	84	94	91	84	....	76.5
	Minimum	66	65	64	62	61	65	62	63	60	63	72	73	70	66	66	67	65	65	64	63	64	64	60	58	61	57	67	69	69	67	....	64.6
San Francisco	Maximum	66	62	62	65	66	67	66	65	64	76	80	67	68	69	62	67	66	65	67	71	70	63	67	71	70	68	72	71	68	70	....	67.7
	Minimum	58	56	55	56	56	55	57	57	56	56	62	61	60	58	56	55	55	56	58	60	58	53	55	56	54	55	57	59	57	55	....	56.8
San Jose	Maximum	82	75	75	73	72	70	72	70	80	79	68	69	72	73	75	77	77	72	74	73	68	72	77	75	74	74	74	77	74	79	....	73.9
	Minimum	60	58	55	53	51	49	53	51	52	55	60	63	61	57	57	57	58	58	61	57	54	52	50	48	50	54	51	54	57	55	....	55.0
San Luis Obispo	Maximum	78	77	74	75	76	73	70	71	73	90	78	81	75	71	74	71	79	67	66	73	76	73	73	83	77	73	76	71	80	80	....	74.8
	Minimum	58	58	58	58	55	56	57	53	50	52	60	66	62	59	56	57	57	59	58	58	59	52	55	55	51	55	56	62	58	58	....	56.8
Santa Barbara	Maximum	75	76	76	76	81	82	76	78	78	88	90	85	70	78	72	68	71	72	72	69	75	78	74	74	74	73	79	86	83	....	....	76.9
	Minimum	61	56	58	57	56	54	62	52	54	55	57	63	68	64	60	60	64	64	64	56	66	58	52	50	55	58	62	64	65	66	....	59.4
Santa Rosa	Maximum	74	75	70	74	75	74	72	75	79	86	87	69	67	70	74	75	78	62	65	69	70	72	74	78	80	69	81	85	75	85	....	74.6
	Minimum	56	56	54	47	49	50	42	43	45	49	49	59	62	56	51	52	54	54	55	56	46	40	47	42	43	42	42	46	42	46	....	49.2
Stockton	Maximum	97	95	80	79	82	78	73	73	72	79	78	69	72	74	76	80	85	76	74	72	72	73	72	77	79	76	80	73	71	81	....	77.3
	Minimum	58	56	54	51	53	51	54	55	52	53	58	64	65	61	57	56	57	59	58	56	52	52	51	52	54	58	57	58	62	56	....	56.1

SUPPLEMENTAL PRECIPITATION TABLE.

Stations.	Watersheds.	Precip., inches.	Stations.	Watersheds.	Precip., inches.	Stations.	Watersheds.	Precip., inches.	Stations.	Watersheds.	Precip., inches.
Abbotts	Coast	4.12	Dillon Ranch§	Coast		Llano§	Coast	0.85	S. Antonio Intake§	Coast	1.23
Aguanga	do	0.00	Dinuba	San Joaquin	0.94	Los Gatos	do	6.84	San Gabriel Intake§	do	0.80
Alder Creek§	do	1.15	Dobbins (near)	Sacramento	4.86	Lower Haines Can§	do		do Power House§	do	
Angiola	San Joaquin	0.77	Dudley	San Joaquin	0.25	Lytle Creek§	do	0.54	San Miguel Island	Ocean	
Antelope Valley	do		East Park	Sacramento	3.13	Magalia	Sacramento		San Pedro§	Coast	0.88
Arroyo Seco§	Coast	1.58	Echo Mountain§	Coast	1.62	Maricopa	San Joaquin	1.15	Santa Anita§	do	
Auberry	San Joaquin	1.77	Edison	San Joaquin	0.64	Mariposa	do	0.94	Santa Clara	do	6.27
Auburn	Sacramento	3.99	Electra	do	3.96	May Canyon§	Coast		Santa Monica§	do	0.36
Bagdad§	Desert	0.00	Emigrant Gap	Sacramento	6.20	Mesa Grande	do	0.00	Seven Oaks§	do	0.41
Barrett Dam	Coast	T.	Fairmont§	Coast	1.82	Middlewater	San Joaquin	0.34	Shively	do	2.56
Beaumont	do	0.00	Fish Canyon§	do	0.79	Mill Creek—1	do	3.65	Sierra Alta Ranch§	do	1.56
Beaumont (near)	do	0.00	Fordyce Dam	Sacramento	6.66	Milton (near)	do	3.53	Sierra Madre§	do	1.49
Big Bar	Sacramento	2.06	Foresters Sanitar.§	Coast	1.35	Mokelumne Hill	do	4.11	Sierraville	Mountain Lakes	3.54
Bishop	Owens		Fort Bragg	do	2.85	Monrovia Canyon§	Coast	1.28	Sisson	Sacramento	3.76
Bishop Creek	do	1.86	Glennville	San Joaquin	0.82	Montague	Klamath	1.78	Sister Elsie Peak§	Coast	2.29
Bridgeport	Mountain Lakes		Gray Mountain§	Desert		Montgomery Creek	Sacramento	4.55	Springville (near)	San Joaquin	2.06
Cahuilla	Coast	T.	Gridley	Sacramento		Mountain Springs§	Coast		Standish	Mountain Lakes	3.25
Campbell	do	6.16	Haines Canyon§	Coast	2.27	Mouth S. Anton. C.§	do	0.51	Stanwood	Coast	4.66
Camp Baldy§	do		Hansen's Ranch§	do		Nellie	do	T.	Sterling	Desert	0.00
Camp Bonita§	do	0.95	Happy Camp	Klamath	1.33	Niles	do	5.05	Stevenson Creek	San Joaquin	1.91
Campo	do	0.00	Hayfork	Sacramento		North Bloomfield	Sacramento	6.26	Stirling City	Sacramento	
Camp Rincon§	do		Head Dam	do	7.44	North Fork	San Joaquin	1.60	Storey	San Joaquin	
Canon Dam	Sacramento	4.45	Helen Mine	Coast	3.93	North Lakeport	Coast	1.92	Susanville	Mountain Lakes	3.70
Cascada	San Joaquin	3.67	Hetch Hetchy	San Joaquin	1.35	Oak Grove	do	0.00	Switzer's Camp§	Coast	
Centerville	Sacramento	2.99	Hullville (near)	Coast	2.33	Oceanside	do	0.39	Tamarack	Sacramento	5.09
Chester	do	5.63	Huntington Lake	San Joaquin	3.91	Ojai Valley	do	1.57	Tejon Rancho	San Joaquin	0.55
China Flat	Coast	2.12	Indio	Desert	0.04	O'Melveny Camp§	do	0.76	Tujunga§	Coast	
Churn Creek	Sacramento	3.73	Iron Forks§	Coast		Opid Camp§	do		Three Rivers	San Joaquin	0.30
Clovis	San Joaquin		Julian	do		Orleans	Klamath	1.59	Tustin (near)	Coast	0.45
Clyde Ranch§	Coast		Kennedy Mine	San Joaquin	4.05	Ozena	Coast	0.94	Twin Valley	Sacramento	2.59
Colby Springs§	do		Kentfield	Coast	3.09	Pacoima§	do		Upper Live Oak C.§	Coast	
Coldbrook§	do		La Crescenta§	do	2 03	Parkfield	do	0.46	Venice§	do	0.34
Colusa	Sacramento	2.72	La Jolla	do	0.20	Peachland	do		Visalia	San Joaquin	0.52
Covelo	Coast	T.	Lake Eleanor	San Joaquin	3.13	Point Loma	do	0.18	Walnut Creek	Coast	4.61
Crockett	do	3.19	Lake Spaulding	Sacramento	6.60	Quincy	Sacramento	6.14	Warner Springs	do	0.05
Cuyamaca	do	0.37	Lancaster (near)	Desert	0.83	Reedley	San Joaquin	0.70	Wells Meadows	Owens	
Deer Creek	Sacramento	6.43	Las Plumas	Sacramento	3.49	Represa	Sacramento	0.70	West Branch	Sacramento	3.64
Del Monte	Coast	6.26	La Grand	San Joaquin	0.70	Rohnerville	Coast	2.00	West Point	San Joaquin	3.79
Denair	San Joaquin	0.50	Live Oak Canon§	Coast	0.69	Ruth	do	1.73	Wilson Toll House§	Coast	1.42
De Sabla	Sacramento	4.55	Livermore	do	5.72	San Antonio Can.§	do		Yorba Linda	do	0.59