

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

CALIFORNIA SECTION.

G. H. WILLSON, Local Forecaster.

VOL. XVIII. SAN FRANCISCO, JUNE, 1914. No. 6.

GENERAL SUMMARY.

June, 1914, was a month with more than the usual amount of cloudy and unsettled weather and fog prevailed along the coast, especially north of Point Conception, where it frequently extended into the coast valleys at night. Scattered light showers fell in the south on the 1st and 2nd, and rain fell over the entire state, in some places quite heavy, on the 6th and 7th. Another period of damp and unsettled weather with scattered showers and thunderstorms prevailed from the 16th to the 25th, with most of the precipitation falling on the 24th. There was an unusual number of thunderstorms during the month.

The weather as a whole was very favorable for maturing and ripening grain, deciduous fruits and berries and the crops are good and the quality excellent. The warm weather toward the close of the month caused a decided improvement in hops.

The mean temperature for the State was considerably below the normal, both day and night temperatures being lower than usual. The last decade was the warmest part of the month and maximum temperatures occurred generally from the 26th to the 30th. The coldest weather was during the first decade when the minimum temperatures occurred at nearly all stations.

The average precipitation for the State was nearly three times the normal amount and with the exception of June, 1906 and 1907, it was the greatest since records began in 1897. The rains were well distributed throughout the month.

Considerable snow remains in the ravines and on the north slopes of the higher mountains and water for irrigation and power purposes is plentiful.

PRESSURE.

The monthly mean atmospheric pressure for the State, reduced to sea-level, was 29.95 inches.

The highest was 30.26 inches at Eureka on the 4th.

The lowest was 29.55 inches at Independence on the 6th and 28th.

The range for the State was 0.71 inch.

TEMPERATURE.

The monthly mean temperature for the State was 66.4 degrees, which is 2.6 degrees below the normal.

The highest monthly mean was 91.4 degrees at Greenland Ranch.

The lowest monthly mean was 44.8 degrees at Tamarack.

The highest temperature, 124 degrees, occurred at Greenland Ranch on the 29th.

The lowest temperature was 20 degrees at Summit on the 5th.

The range for the State was 104 degrees.

PRECIPITATION.

The average precipitation for the State was 0.85 inch or 0.54 inch above the normal.

The greatest monthly amount was 5.57 inches at Magalia while none occurred at 32 stations.

The greatest amount in 24 hours was 3.25 inches at Magalia on the 7th.

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 88; Fresno 42; Independence 46; Los Angeles 76; Mount Tamalpais 55; Red Bluff 45; Sacramento 62; San Diego 80; San Francisco 79; San Jose 66; San Luis Obispo 74.

WIND.

The prevailing direction of the wind was west.

SUNSHINE AND CLOUDINESS.

At Eureka there were 168 hours of sunshine during the month or 37 per cent of the possible; at Fresno 388 hours, or 88 per cent; at Los Angeles 296 hours or 69 per cent; at Mount Tamalpais 395 hours or 89 per cent; at Red Bluff 351 hours or 78 per cent; at Sacramento 376 hours or 84 per cent; at San Diego, 313 hours or 73 per cent; at San Francisco 275 hours or 62 per cent; at San Jose 330 hours or 75 per cent; at San Luis Obispo 306 hours or 70 per cent.

MISCELLANEOUS PHENOMENA.

Thunderstorms.—Alturas, 7, 24; Angels Camp, 18; Big Bar, 10, 11, 19, 24, 30; Blythe, 1; Bridgeport, 16; Caliente, 19; Canyon Dam, 19, 23; Converse Nursery, 1-3, 29; Coppervale, 18; Covelo, 15; Downieville, 17; Dudleys, 14-16; Dunlap (near), 14, 16, 19; Fresno, 16, 19; Glennville, 1, 16, 19; Greenville, 18; Guinda, 19; Hanford, 16, 19; Happy Camp, 11; Hayfork, 10, 11, 30; Hetch Hetchy, 14, 15; Hot Springs, 1, 16-19; Hullville (near), 15; Hume, 1, 14, 16, 19; Independence, 2; Lake Eleanor, 14, 15; La Porte, 17; Lemon Cove, 19; Lindsay, 1, 16-19; Madeline, 3, 25, 26; Milo, 19; Montague, 1; Montgomery Creek, 25; North Bloomfield, 16; Northfork, 19; Oceanside, 1, 2; Ojai Valley, 3; Point Loma, 1; Red Bluff, 24; Ruth, 30; Susanville, 19, 23; Three Rivers, 16, 18, 19; Valley Springs, 19; Weitchpec, 24; Yreka, 11.

Earthquakes.—Pasadena, 16; Valley Springs, 13.

OBSERVERS NOTES.

Angiola.—Harvest has begun and there promises to be the largest yield of wheat, barley and alfalfa in several years.—J. L. Bullfinch.

Converse Nursery.—The snow is almost gone in the mountains except in very favored situations above 9500 feet. In these places, however, there is more snow than in the past three years.—Edw. N. Manns.

Glennville.—On June 6th a light frost did damage to tender garden truck. The wind was very cold and did more damage than did the low temperature.—C. H. Likely.

Lindsay.—On the 19th there were cloudbursts in the hills near here, with hail and heavy thunder.—Basil Prior.

Sebastopol.—The high wind of the 4th blew a good many apples, walnuts, etc., from the trees.—E. H. Parnell.

Weitchpec.—The weather was unusually cold for June. General conditions are fine for live stock and hay. The water supply is normal.—M. E. Lathrop.

McKinney.—Lake Tahoe rose 6 inches during June.—Fred Jensen.

Climatological Data for June, 1914.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.					Sky.			Prevailing direction of wind.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Snowfall (un-melted).	Rainy days.	Clear days.	Pt. cloudy days.			Cloudy days.
Alturas	Modoc	4,400	10	59.9	.....	98	17	26	5	53	1.09	+0.20	0.39	0	6	12	13	5	w.	Prof. C. B. Towle.
Angiola	Tulare	208	14	72.2	-0.2	110	29	43	1	49	0.00	0	0.00	0	0	22	8	0	nw.	Santa Fe Co.
Antioch**	Contra Costa	46	35	76.4	+4.4	105	27	56	1	10	0.03	-0.08	0.03	0	1	27	0	3	n.	Southern Pacific Co.
Aptos	Santa Cruz	102	29	62.4	-0.1	99	26	45	10	34	0.46	+0.36	0.32	0	2	18	2	10	nw.	do
Arrowhead Springs	San Bernardino	2,000	3	68.6	.....	99	26	45	7	34	0.74	0.17	0	6	23	5	2	ne.	John Jurgens.	
Auburn	Placer	1,360	43	64.0	-1.5	102	30	38	4	51	1.10	+0.66	0.77	0	2	22	2	6	ne.	Southern Pacific Co.
Avalon	Los Angeles	30	4	61.5	.....	75	27	51	8	15	0.10	0.10	0	1	25	4	1	w.	T. S. Manning.	
Azusa	do	540	12	65.5	-2.5	98	26	45	6	48	0.20	+0.05	0.20	0	1	27	2	1	w.	A. P. Griffith.
Bagdad	San Bernardino	784	11	88.0	+2.2	118	27	60	6	36	0.00	0	0.00	0	0	0	0	0	.....	Santa Fe Co.
Bakersfield	Kern	404	25	75.6	-1.2	108	28	38	7	48	0.00	-0.03	0.00	0	0	29	1	0	.....	do
Barstow	San Bernardino	2,105	11	76.7	-0.7	107	28	50	7	41	0.55	+0.55	0.50	0	2	27	0	3	w.	E. L. White.
Bekeley	Alameda	317	27	58.6	-2.3	87	27	45	9	32	0.48	+0.28	0.33	0	4	10	13	7	sw.	State University.
Betteravia	Santa Barbara	155	1	62.5	.....	94	26	40	5	44	0.10	0.10	0	1	12	18	0	n.	Union Sugar Co.	
Biggs**	Butte	98	15	77.4	+3.9	105	30	55	5	1	1.67	+1.17	0.90	0	2	22	1	7	n.	Southern Pacific Co.
Bishop	Inyo	4,450	19	62.4	-5.3	98	29	30	8	60	0.10	-0.05	0.10	0	1	25	2	3	.....	Paul E. Lodge.
Bishop Creek	do	8,500	4	52.3	.....	79	29	25	8	32	1.00	0.75	0	2	19	5	6	.....	do	
Blocksburg	Humboldt	1,700	8	60.0	.....	94	28	34	5	47	3.03	1.62	0	5	18	3	9	nw.	Victor Hope.	
Blue Canon	Placer	4,695	15	62.9	+2.5	98	24	30	5	50	1.97	+0.66	1.10	0	4	27	0	3	sw.	Southern Pacific Co.
Blythe	Riverside	268	5	81.9	.....	114	27	50	7	47	0.43	0.43	0	1	20	7	3	n.	C. L. Suits.	
Branscomb	Mendocino	2,000	14	58.6	-0.3	98	17	34	9	45	3.01	+1.62	1.45	0	4	24	3	3	n.	A. J. Ham.
Brawley	Imperial	-105	4	83.0	.....	110	28	55	9	43	0.00	0.00	0	0	0	0	0	.....	M. D. Witter	
Bridgeport	Mono	6,500	1	53.8	.....	84	28	25	8	53	0.12	0.04	0	3	19	5	6	w.	A. F. Scott.	
Burney	Shasta	3,300	4	57.2	.....	90	16	26	5	46	2.28	+0.49	0.63	0	3	16	9	5	w.	Mrs. M. D. Chambers.
Cahuilla	Riverside	3,600	3	59.4	.....	96	28	29	6	53	0.30	1.17	0	1	27	3	0	sw.	Dr. W. L. Shawk.	
Calxico	Imperial	0	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. E. Peck
Calliente	Kern	1,200	38	78.2	-0.7	104	29	56	7	.....	0.30	+0.17	0.30	0	1	18	3	3	.....	Southern Pacific Co.
Callistoga**	Napa	363	42	64.9	-1.7	102	29	49	7	43	0.22	-0.14	0.12	0	2	19	0	11	w.	do
Campbell	Santa Clara	217	17	60.3	+1.8	92	27	38	4	38	0.15	+0.05	0.12	0	2	24	4	2	nw.	F. M. Righter.
Camptonville (near)	do	3,500	7	64.2	.....	94	17	38	5	38	2.71	1.12	0	4	19	7	4	.....	Cal. Gas and Electric Co.	
Cathedral Park	El Dorado	6,400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Carl Flugge.
Cedarville	Modoc	4,675	20	59.6	-1.8	92	17	30	5	39	0.64	-0.04	0.24	T.	4	12	15	3	sw.	T. H. Johnstone.
Chico	Butte	189	44	70.0	-1.1	110	17	46	5	48	1.87	+1.46	0.72	0	3	24	0	6	s.	G. H. Stephenson.
China Flat	Humboldt	600	5	66.4	.....	101	30	35	5	47	1.99	0.91	0	5	18	10	2	nw.	O. I. Westberg.	
Chino	San Bernardino	714	22	71.7	-1.0	100	29	54	3	.....	0.15	-0.12	0.15	0	1	22	0	8	.....	Southern Pacific Co.
Cisco**	Placer	5,939	43	53.0	-2.0	75	19	32	5	.....	1.84	+0.51	1.04	3.0	2	22	5	3	.....	do
Claremont	Los Angeles	1,200	22	66.8	-0.4	100	26	46	6	46	0.35	+0.21	0.26	0	4	20	6	4	.....	Prof. P. P. Brackett.
Cloverdale	Sonoma	340	12	66.6	-1.8	101	28	42	8	47	0.46	+0.19	0.20	0	3	28	0	2	s.	John O. Ogle.
Coalinga	Fresno	663	2	73.6	.....	109	30	44	12	45	2.00	0.00	0	0	25	0	5	w.	Union Oil Co.	
Colfax	Placer	2,421	43	64.4	-6.8	96	17	33	5	33	2.26	+1.56	1.15	0	3	26	0	4	.....	Southern Pacific Co.
Colusa	Colusa	60	11	70.3	-1.1	98	17	50	6	36	0.83	+0.49	0.63	0	2	27	0	3	.....	C. D. McComish.
Converse Nursery	San Bernardino	6,000	.....	56.8	.....	84	29	30	8	36	0.66	0.27	0	4	20	5	5	w.	Edw. N. Munnis.	
Corning**	Tehama	277	28	79.6	+2.3	107	17	54	6	.....	0.48	-0.32	0.33	0	3	18	8	4	s.	Southern Pacific Co.
Corona	Riverside	615	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. W. Garthwaite.
Crescent City	Del Norte	125	.....	55.4	.....	92	13	36	5	26	3.33	2.06	0	6	17	5	8	nw.	Thos. E. Peacock.	
Cuyamaca	San Diego	4,677	15	63.4	+3.0	71	29	37	7	37	0.49	+0.24	0.42	0	3	20	4	6	w.	Suyamaca Water Co.
Davisville	Yolo	51	42	67.6	-7.2	104	29	41	9	50	0.66	+0.51	0.38	0	4	24	5	1	s.	C. H. Beckett.
Deer Creek	Nevada	3,700	7	59.9	.....	92	17	29	5	45	3.46	1.46	0	4	20	6	3	w.	Cal. Gas and Electric Co.	
Del Monte	Monterey	235	.....	60.0	.....	72	26	45	26	24	0.10	0.10	0	1	18	3	9	w.	H. R. Warner.	
Delta	Shasta	1,138	29	72.5	+1.0	94	15	48	4	42	1.60	+0.26	1.10	0	2	27	0	3	.....	Southern Pacific Co.
Denair	Stanislaus	126	14	69.4	-2.2	103	29	48	4	50	T.	-0.09	0	0	0	25	1	4	.....	Santa Fe Co.
De Sable	Butte	2,500	10	63.5	.....	97	17	32	5	39	4.22	1.77	0	3	16	10	4	s.	Cal. Gas and Electric Co.	
Dobbins (near)	Yuba	1,650	10	69.8	.....	102	29	44	5	38	2.27	+1.46	1.03	0	4	16	12	2	s.	do
Downieville	Sierra	3,150	3	61.6	.....	98	17	31	5	52	2.11	0.93	0	4	22	4	4	s.	J. T. Mason.	
Dudley	Kings	595	2	.....	.....	110	29	.....	.....	.....	T.	.....	.....	0	0	19	11	0	w.	Producers Trans. Co.
Dudleys	Mariposa	3,000	5	60.5	.....	92	29	36	5	42	0.33	0.70	0	3	18	10	2	nw.	W. H. Dudley.	
Dunlap (near)	Fresno	2,800	2	64.6	.....	97	16	41	6	46	0.31	0.19	0	2	19	6	5	.....	U. S. Forest Service.	
Dunnigan**	Yolo	65	37	79.1	+1.2	100	29	56	12	.....	0.75	+0.55	0.68	0	2	24	2	4	n.	Southern Pacific Co.
Dunsmuir	Siskiyou	2,285	25	64.4	-0.3	104	17	39	5	48	1.70	+0.76	0.86	0	6	.....	.....	.....	.....	do
Durham	Butte	160	19	75.2	+2.6	104	29	54	24	38	2.20	+1.91	.....	0	3	23	3	4	s.	R. W. Durham.
East Park	Colusa	.....	.....	69.6	.....	107	17	42	8	49	0.00	0.00	0	0	5	25	0	0	.....	J. J. Lea.
Edison	Kern	2,500	.....	78.0	.....	107	29	52	6	28	0.04	-0.01	0.03	0	2	28	1	1	.....	So. Cal. Edison Co.
El Cajon	San Diego	482	15	66.8	-0.4	93	29	46	9	40	0.16	-0.05	0.16	0	1	28	0	2	sw.	H. R. Kessler.
Electra	Amador	725	10	67.8	.....	102	29	42	5	44	1.77	+1.44	1.40	0	4	28	1	1	.....	Cal. Gas and Electric Co.
Emigrant Gap	Placer	5,230	40	65.0	+5.5	88	18	40	5	35	3.15	+2.09	1.70	0	5	23	0	7	.....	Southern Pacific Co.
Esccondido	San Diego	657	20	68.4	+0.2	99	29	45	9	47	0.14	+0.04	0.07	0	3	15	0	0	n.	U. S. Weather Bureau.
Eureka	Humboldt	64	28	52.7	-1.7	63	23	45	5	13	1.73	+0.55	0.85	0	9	6	8	16	nw.	Southern Pacific Co.
Farmington**	San Joaquin	111	35	74.7	+1.0	100	28	54	6	.....	1.55	+1.41	1.37	0	3	21	0	9	.....	G. E. Marvin.
Folsom	Sacramento	225	42	74.4	+0															

Climatological Data for June, 1914.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.					Sky.			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).	Rainy days.	Clear days.	Pt. cloudy days.		Cloudy days.	Prevailing direction of wind.
Kentfield	Marin	65	26	62.0		95	27	41	8	45	0.00	-0.47	T.	0	0	28	2	0	0	R. Cunningham.
King City	Monterey	333	27	68.6	+5.0	110	29	38	5	60	0.00	-0.02	0.00	0	0	30	0	0	0	Southern Pacific Co.
La Jolla	San Diego	2,715	4	59.0		96	27	48	6	39	0.94	0.54	0.00	0	3	26	0	4	4	Ben Amago.
Lake Eleanor	Tuolumne	4,700	4	58.0		90	28	31	5	49	1.47	0.61	0.00	0	5	13	5	5	7	Lasley Lee.
Lake Spaulding	Nevada	4,600	4	58.8		90	18	30	5	42	2.90	+1.71	1.35	0	4	19	7	4	4	M. Magnusen.
La Porte	Plumas	5,000	20	54.6	-1.6	84	17	30	5	35	2.21	+0.61	0.80	T.	4	19	7	4	4	C. W. Hendel.
Las Plumas	Butte	506	72	72.8		104	29	45	5	42	1.08	0.60	0.00	0	4	24	3	3	3	Great Western Power Co.
Le Grande	Merced	255	14	70.0	-2.9	107	28	41	8	54	0.10	+0.10	0.10	0	1	27	0	0	0	Santa Fe Co.
Lemon Cove	Tulare	600	19	75.6	-0.4	112	30	45	6	48	0.14	-0.05	0.04	0	1	19	10	1	1	H. B. Howard.
Lick Observatory	Santa Clara	4,209	25	58.5	-1.5	86	29	33	6	29	0.03	+0.73	0.54	0	4	22	6	2	2	The Director.
Lindsay	Tulare	485	43	74.2		109	1	45	6	49	0.06		0.06	0	1	23	2	5	5	Basil Prior.
Livermore	Alameda	3,728	9	67.6		100	29	36	6	47	0.17	+0.12	0.17	0	1	25	5	0	0	E. G. Seill.
Lone Pine	Inyo	293	37	64.8	+0.3	88	28	52	12	27	0.09	-0.01	0.09	0	1	15	8	7	7	G. F. Marsh.
LOS ANGELES	Los Angeles	121	27	65.3	-0.1	87	29	54	4	4	0.00	-0.08	0.00	0	0	30	0	0	0	U. S. Weather Bureau.
Los Banos	Merced	600	27	63.5	-1.3	102	28	41	11	51	0.37	+0.28	0.11	0	5	24	1	5	1	Southern Pacific Co.
Los Gatos	Santa Clara	2,250	4	58.4		95	16	22	5	50	1.82	0.79	0.00	0	3	19	9	2	2	F. H. McCullagh.
Lyon Valley	San Diego	3,410	4	58.5		90	17	24	21	46	1.15	1.00	0.2	3	14	9	7	7	7	R. Wuest.
McCloud	Siskiyou	4,528	9	53.5		90	17	24	21	46	1.15	1.00	0.2	3	14	9	7	7	7	F. F. Spencer.
Madera	Lassen	5,270	5	54.8		91	16	24	5	47	1.45	0.50	0.00	T.	6	11	11	8	8	Butte Valley Land Co.
Madras	Butte	2,321	10	77.2	-2.7	161	19	45	25	52	5.57	+4.36	3.25	0	4	19	0	11	11	J. H. Williams.
Manamth Tank	Imperial	257	36	90.4	-2.1	115	28	61	1	37	0.00	0	0.00	0	0	30	0	0	0	Butte Co. R. R. Co.
Martinez	Kern	640	3	76.2		108	30	47	7	39	0.00	0	0.00	0	0	23	1	6	6	Southern Pacific Co.
Marysville	Yuba	67	43	70.6	-5.6	102	16	48	9	47	0.71	+0.44	0.61	0	2	26	0	4	4	Union Oil Co.
Mecca	Riverside	-185	8	84.9		114	28	59	8	43	0.00	0.00	0.00	0	0	22	6	0	0	Southern Pacific Co.
Menlo Park	San Mateo	64	36	71.9	-3.4	105	30	44	8	46	0.22	+0.10	0.18	0	2	25	4	1	1	E. A. Palmer.
Merced	Merced	173	40	73.6		105	29	45	6	39	0.00	0.00	0.00	0	0	30	0	0	0	Southern Pacific Co.
Middlewater	Kern	803	3	60.2		87	17	35	5	38	1.94	1.23	0.00	0	3	24	2	4	4	Santa Fe Co.
Mill Creek-1	Amador	2,500	7	60.2		87	17	35	5	38	1.94	1.23	0.00	0	3	24	2	4	4	Union Oil Co.
Mill Creek-2	San Bernardino	2,950	23	70.5	-1.3	105	28	47	8	40	1.29	+1.04	1.10	0	3	20	10	0	0	Cal. Gas and Electric Co.
Milton (near)	Calaveras	660	23	70.5	-1.3	105	28	47	8	40	1.29	+1.04	1.10	0	3	20	10	0	0	So. Cal. Edison Co.
Modesto	Stanislaus	90	42	83.1	+6.5	101	29	60	6	6	0.05	-0.06	0.05	0	1	25	5	0	0	J. H. Southwick.
Mojave	Kern	2,751	37	76.8	-0.7	112	26	48	5	57	0.00	-0.04	0.00	0	0	25	5	0	0	Southern Pacific Co.
Mokelumne Hill	Calaveras	1,550	21	69.1	+1.0	100	29	40	5	36	1.84	+1.43	1.50	0	3	22	3	5	5	do
Mono Ranch	Ventura	3,210	8	62.4		92	27	36	8	44	0.00	-0.12	0.00	0	0	22	2	6	6	C. E. Prindle.
Montague	Siskiyou	2,450	26	64.2	-2.7	101	17	35	5	47	1.15	+0.52	0.66	0	5	14	11	5	5	Herbert Lathrop.
Monterey	Monterey	15	49	59.6	-1.2	70	2	50	18	4	0.23	+0.13	0.23	0	1	5	7	18	18	I. E. De Joy.
MOUNT TAMALPAIS	Marin	2,375	15	60.2	-3.9	89	28	39	5	31	0.45	+0.33	0.43	0	2	19	8	3	3	Southern Pacific Co.
Napa City	Napa	20	37	63.4	-1.2	98	28	38	7	52	0.10	0.10	0.10	0	1	27	3	0	0	U. S. Weather Bureau.
Napa (S. H.)	San Bernardino	60	36	64.4	-1.0	101	28	45	9	44	0.15	-0.06	0.09	0	3	12	13	5	5	Alex Hull.
Needles	Nevada	477	22	87.8	+0.5	111	29	70	26	37	0.12	+0.11	0.12	0	1	22	6	2	2	A. R. Edgar.
Nellis	Nevada	5,350	5	87.8	+0.5	111	29	70	26	37	0.12	+0.11	0.12	0	1	22	6	2	2	Santa Fe Co.
Nevada City	Plumas	2,850	22	62.2	-0.5	97	29	30	5	49	1.83	+1.16	0.98	0	5	21	5	4	4	T. O. Bailey.
Newhall	Los Angeles	1,200	37	77.6	+6.9	102	27	57	7	7	0.08	+0.01	0.08	0	1	24	3	3	3	S. W. Marsh.
Newman	Stanislaus	91	25	77.6	+6.9	102	27	57	7	7	0.08	+0.01	0.08	0	1	24	3	3	3	A. R. Bidwell.
North Bloomfield	Nevada	3,214	17	62.2	-2.3	97	14	34	5	44	1.79	+0.88	0.90	0	2	15	9	6	6	Southern Pacific Co.
North Fork	Madera	3,000	10	66.6		103	30	36	6	50	0.55	+0.28	0.25	0	2	20	8	2	2	E. S. Wangenheim.
Oakdale	Stanislaus	156	20	73.1	+1.2	104	29	53	9	9	0.25	+0.04	0.10	0	3	24	4	2	2	J. R. McIntosh.
Oak Grove	San Diego	2,751	4	73.1	+1.2	104	29	53	9	9	0.25	+0.04	0.10	0	3	24	4	2	2	U. S. Forest Service.
Oakland	Alameda	36	38	61.2	-0.3	86	27	49	5	30	0.51	+0.21	0.21	0	3	17	4	9	9	Southern Pacific Co.
Oceanside	San Diego	60	4	66.6		82	28	54	1	21	0.29	+0.21	0.21	0	2	19	10	1	1	Chabot Observatory.
Ojai Valley	Ventura	900	8	65.6		99	28	42	6	47	T.	T.	0.00	0	0	23	6	1	1	H. D. Brodie.
Orland	Glenn	254	32	73.8	-4.9	111	17	50	2	47	0.52	+0.18	0.34	0	4	25	4	1	1	W. H. Duncan.
Orleans	Humboldt	520	11	73.8	-4.9	111	17	50	2	47	0.52	+0.18	0.34	0	4	25	4	1	1	U. S. Rec. Service.
Oroville (near)	Butte	250	30	72.0	-2.5	105	17	48	12	47	1.84	+1.51	0.77	0	3	22	3	5	5	F. T. Hale.
Palermo	do	213	23	75.8	+3.8	106	16	40	6	33	0.85	+0.50	0.85	0	1	23	5	2	2	E. D. Fairchild.
Palm Springs	Riverside	584	25	83.5	-4.2	114	28	59	6	0.00	0.00	0.00	0	0	0	0	0	0	0	Western Pacific Co.
Pasadena	Los Angeles	827	24	65.4	-5.2	96	28	44	6	44	0.15	+0.14	0.07	0	3	23	1	6	6	Southern Pacific Co.
Paso Robles	San Luis Obispo	800	27	65.4	-2.8	106	25	37	11	57	0.14	+0.11	0.14	0	1	26	4	0	0	B. D. Sorver.
Peaceland	Sonoma	190	18	60.8	-3.1	95	28	40	21	48	0.42	+0.04	0.30	0	4	20	9	1	1	Dr. F. W. Sawyer.
Petaluma	do	187	18	60.6	-3.1	95	28	40	21	48	0.42	+0.04	0.30	0	4	20	9	1	1	E. H. Farnell.
Pleasantville	El Dorado	1,875	26	65.4	-1.0	98	28	36	5	44	1.70	+1.04	1.10	0	3	10	11	1	1	John Land.
Point Lohos	San Francisco	250	21	71.3	-1.6	84	27	46	9	13	0.28	+0.14	0.15	0	3	10	11	1	1	A. E. May.
Point Reyes	Marin	480	22	51.2	-1.6	62	26	44	5	13	0.42	+0.17	0.30	0	3	8	6	16	16	Jas. B. Farrelly.
Ponoma	Los Angeles	857	20	66.6		101	28	44	9	53	0.34	+0.29	0.29	0	3	9	2	19	19	U. S. Weather Bureau.
Porterville	Tulare	464	25	74.0	-4.8	107	29	44	24	42	0.08	-0.08	0.08	0	1	29	0	1	1	J. E. Adamson.
Qu																				

Climatological Data for June, 1914.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.						Precipitation, in inches.					Sky.			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).	Rainy days.	Clear days.	Pt. cloudy days.		Cloudy days.	Prevailing direction of wind.
Sonora	Tuolumne	1,825	3	66.2		96	29	41	8	40	1.49	+1.18	1.24	0	3	22	6	2	nw.	Chas. P. Jones.
Spreckels	Monterey	48		61.4		89	28	42	22	43	0.08		0.08	0	1	25	5	0	w.	Spreckels Sugar Co.
Springville	Tulare	4,000	7	64.2		94	28†	30	5	53	1.54		0.80	0	4	18	9	3	s.	D. L. Wishon.
Squirrel Inn	San Bernardino	5,280	4	58.6		84	27†	31	8	32	0.78		0.63	0	3	25	2	3	s.	A. D. Prantz.
Stanwood	Butte	2,140	10																	Cal. Gas and Electric Co.
Stirling City	do	3,525	10	65.8		96	18	85	6	36	3.84	+2.92	1.74	0	4	16	4	10	se.	Butte Co. R. R. Co.
Stockton (S. H.)	San Joaquin	23	43	69.0	-0.9	100	28†	48	2†	43	0.30	+0.18	0.20	0	3	22	7	1	nw.	State Hospital.
Storey	Madera	296	14	70.8	-1.5	106	29	42	12	48	0.00	-0.01	0.00	0	0	30	0	0		Santa Fe Co.
Suisun **	Solano	20	34																	Southern Pacific Co.
Sulphur Banks	Lake	1,850	2	64.8		101	29	94	5	48	0.13		0.13	0	1	23	1	6	w.	M. S. Walters.
Summit	Placer	7,017	41	49.0	-4.2	78	17	20	5	38	1.19	+0.55	0.40	4.0	3	22	2	6	s.	Southern Pacific Co.
Susanville	Lassen	4,175	25	65.2	+2.8	102	16	30	5	53	0.12	-0.38	0.10	0	2	16	2	3	w.	G. H. Taylor.
Tahoe	Placer	6,240	8	49.2		81	30	23	6	45	0.95		0.58	0	2	27	9	3	w.	Robert Watson.
Tamarack	Kern	8,000	8	44.8		87	25	30	2†	36	0.42	-0.59	0.22	0	2	23	7	0	w.	Cal. Gas and Electric Co.
Tehachapi **	Kern	3,964	27	71.5	+2.1	100	29	50	5†											Southern Pacific Co.
Tehama	Tehama	220	43	77.8	+0.2	102	17	56	5		0.30	+0.03	0.30	0	1	22	1	7		do
Tejon Rancho	Kern	1,500	11																	W. B. de Billier.
Three Rivers	Tulare	870	4	71.1		106	29	41	6	47	0.05		0.05	0	1	24	6	0	sw.	J. H. Pierre.
Towle	Placer	3,704	25	60.5	-2.5	91	17	32	5	48	2.92	+1.89	1.70	0	4	22	4	4		Southern Pacific Co.
Tracy **	San Joaquin	64	34																	do
Truckee	Nevada	5,819	43	64.0	+6.6	90	20	37	5†	36	0.47	+0.10	0.15	1.5	4	22	4	4		do
Tustin (near)	Orange	125																		Irvine Co.
Ukiah	Mendocino	620	21	66.3	+0.9	106	29	38	9	52	0.99	+0.65	0.63	0	3	24	4	2	nw.	Dr. George McCowen.
Upper Lake	Lake	1,350	29	66.6	-0.1	103	17	40	5	44	0.56	+0.31	0.29	0	2	25	4	1	nw.	C. M. Hammond.
Vacaville	Solano	175	26																	W. E. Lawrence.
Valley Springs **	Calaveras	673	25	73.1	-1.0	108	29	53	5†		2.28	+2.01	2.00	0	3	24	4	2	nw.	Southern Pacific Co.
Victorville	San Bernardino	3,000																		B. J. Cloes.
Visalia	Tulare	334	26	70.5	-2.8	107	30	42	8	50	0.01	-0.09	0.01	0	1	24	0	6	nw.	Santa Fe Co.
Walnut Creek	Contra Costa	149		65.0		100	28	46	9	45	0.28		0.15	0	3					R. L. Nougaret.
Warner Springs	San Diego	3,165	6	66.0		99	27	41	26	54	0.21		0.14	0	2	26	3	1		Mrs. F. S. Sanford.
Wasco	Kern	336	14	74.3	-0.7	108	30	45	6	56	0.18	+0.18	0.18	0	1	16	0	14	ne.	Santa Fe Co.
Watsonville	Santa Cruz	23	18	58.7	-3.7	90	26†	35	13	50	0.23	+0.09	0.12	0	4	6	17	7	w.	Spreckels Sugar Co.
Weaverville	Trinity	2,162	2	62.3		97	16	29	5	48	1.47	+0.70	0.83	0	5	23	3	4		U. S. Forest Service.
Weitchpec	Humboldt	1,700	4	59.7		93	16	31	5	40	3.75		1.84	0	5	23	4	3	sw.	M. E. Lathrop.
West Branch	Contra Costa	3,216		59.0		98	17	32	5	47	4.55		1.75	0	4	25	2	6	n.	Cal. Gas and Electric Co.
Westley **	Stanislaus	90	25	76.3	-1.3	105	28	52	23	4†	0.21	+0.15	0.11	0	2	25	0	3	n.	Southern Pacific Co.
Wheatland	Yuba	84	27	69.4	-2.0	101	29	40	5†	37	1.70	+1.42	0.62	0	4	17	11	2	s.	Wm. Lumbard.
Willows	Glenn	136	35	72.6	-4.3	110	17	48	3†	48	0.37	+0.19	0.30	0	2	25	2	3	se.	F. E. Barnhouse.
Yorba Linda	Orange	405		67.0		96	29	48	2†	40	0.02		0.02	0	1	21	3	1	w.	S. J. Walker.
Yosemite	Mariposa	3,945	10	60.0		100	28	28	8	60	0.88	+0.07	0.37	0	9	22	4	4	s.	J. P. Kelly.
Yosemite Means				66.4	-2.6						0.85	+0.54			3	21	5	4	w.	

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 JUNE.

(MEAN MONTHLY TEMPERATURE FOR THE STATE.)

1897	69.8	1906	66.7
1898	71.3	1907	66.1
1899	71.5	1908	66.0
1900	71.4	1909	68.1
1901	70.5	1910	67.3
1902	70.2	1911	66.7
1903	70.9	1912	68.0
1904	71.1	1913	65.8
1905	67.5	1914	66.4

(AVERAGE PRECIPITATION FOR THE STATE.)

1897	0.46	1906	1.05
1898	0.25	1907	1.02
1899	0.57	1908	0.17
1900	0.19	1909	0.19
1901	0.01	1910	0.05
1902	0.10	1911	0.15
1903	0.07	1912	0.49
1904	0.04	1913	0.27
1905	0.07	1914	0.85

DELAYED REPORTS.

Stations.	Month.	Temperature.				Total precipitation	
		Mean	Max.	Date	Min.		Date
Le Grande	February.	48.2	68	28	32	7	1.96
Edison	March.	61.0	91	11	36	31	0.68
Bishop Creek	April.	36.9	59	19	20	11†	0.50
Cathedral Park	May.	49.8	71	30	30	6	0.66
Glen Ranch	"						0.50
Kernville	"						0.96
Las Plumas	"	67.0	98	30	42	3	0.15
Milo	"						0.00
Sanger	"	76.5	99	31	58	1†	0.00
Susanville	"	63.0	96	30	29	16	0.45
Tehachapi	"	62.7	84	31	46	1	0.00
Woodfords	"						0.20

ERRATA. MAY, 1914.

Lemon Cove, page 59, monthly mean temperature 72.2, should be 71.4.

Tahoe, page 48, date of lowest temperature 13, should be 10.

Daily Temperature for June, 1914.

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 readings and monthly averages.