

U. S. DEPARTMENT OF COMMERCE
CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

CALIFORNIA

JULY 1949

Volume LIII No. 7



SAN FRANCISCO: 1949

CALIFORNIA - JULY, 1949

E. L. Felton, Section Director - San Francisco

GENERAL SUMMARY

The average temperature for the State based on the 297 stations listed in Table 2 and weighted with respect to the areas of the various divisions was 74.6 degrees, or 1.3 degrees below the weighted mean. The unweighted average temperature for the State based on the same 297 stations was 72.3 degrees, or 1.3 degrees below the unweighted mean. The highest temperature, 128 degrees, was reported from Cow Creek in Death Valley on the 18th. 30 other stations in southern portions of the State recorded temperatures of 110 degrees or more. The lowest temperature, 26 degrees, was recorded at Boca on the 6th. 10 other stations reported temperatures of 32 degrees or lower.

The average precipitation for the State based on 297 stations listed in Table 2 and weighted with respect to the areas of the various divisions was 0.02 inch, or 0.09 inch below the weighted mean. The unweighted average based on the same 297 stations was also 0.02 inch, or 0.07 inch below the unweighted mean. The unweighted average based on the 631 stations listed in Table 3 was 0.03 inch, or 0.06 inch below the unweighted mean. The greatest monthly total precipitation, 1.07 inches, was reported from Kyburz Strawberry. This amount fell in a 24-hour period and was recorded on the 31st. Most stations which reported any precipitation during July recorded the monthly total and greatest daily amount on the 30th or 31st when scattered thunderstorms occurred over most of the State. 311 stations scattered throughout the State reported no measurable precipitation.

Despite the very light precipitation that occurred several times during the month in north coastal areas, forests and soils continued to dry. No forest fires were reported during the first half of the month, but during the latter half a number of fires were reported. Crops near the coast continued in good condition throughout the month. At some distance from the coast, however, crops were in great need of precipitation. The 0.05 inch of rain on the 23rd and the 0.11 inch on the 31st were of little benefit in alleviating the dry spell. At the end of the month livestock were reported in good condition. Ranges and pastures where irrigation was not possible dried completely, for the most part, and manifested the lack of precipitation.

Weather in the central coastal area generally favored the development or ripening of crops. Plums, peaches, and apricots, in northern districts matured satisfactorily. In the Santa Cruz district cool weather and high humidities slowed the ripening of bush berries but contributed to an improvement in the quality. Truck crops made considerable growth, but, in a few instances, broccoli and brussels sprouts were damaged by pests. Some tomato plantings were affected by blight. Pea harvests were completed in the Salinas district with excellent yields reported due to favorable antecedent weather. Grains in northern districts were quite poor due to the lack of late rains; however, in southern districts generally satisfactory yields obtained. On the 27th strong southerly winds in the Campbell district caused some branches to break and some ripe fruit to fall.

Above normal temperatures in the Upper Sacramento Valley during the first half of the month stimulated peaches, prunes, and almonds, to develop rapidly. Livestock on high ranges were reported in good condition, but grasses were reported drying somewhat. Below normal temperatures during the last half of the month favored most crops. Growth of beans was slowed somewhat, but tomatoes, melons, peaches, almonds, and prunes made satisfactory progress.

Excellent weather for crop growth and harvesting activities prevailed during the first half of the month in the Lower Sacramento Valley. Low relative humidities, on the other hand, contributed to considerable evaporation and transpiration losses, necessitating increased irrigation. Fire hazards increased in pastures and grain fields. The condition of both cattle and sheep declined generally with favorable reports only from high mountain districts. Feed became scarce, and the quality of pasture grasses was reported very low in foothill areas. During the last half of the month below normal temperatures slowed the ripening of stone fruits somewhat. The cool weather and higher relative humidities temporarily reduced fire hazards in the foothills; however, in higher mountain areas numerous fires were reported.

Above normal temperatures during the first half of the month in the Lower San Joaquin Valley contributed to rapid development in all crops. All melons, particularly, made considerable progress. Grapes began to sugar at least a week earlier than last year or about two weeks earlier than usual. Below normal temperatures during the last half of the month benefited all crops and farm operations. Maturity of the various crops was delayed making more advantageous marketing possible. The increased relative humidities at the end of the month favored all crops except grapes and some stone fruits which were being dried.

Weather in the Upper San Joaquin Valley continued favorable for the growth of all crops. Cotton, particularly, made rapid progress. By the middle of the month bolls as large as hen eggs were reported. The hot dry weather during the month was believed to have curtailed the development of mildew in vineyards since the infestation was reported the lightest in years. Below normal temperatures and cloudy skies near the end of the month were ideal for the setting out of sweet potato slips.

Generally all crops responded favorably to the weather conditions in the Santa Maria area. Dry beans in irrigated districts developed quite satisfactorily, but, in non-irrigated districts, they did not progress very rapidly. The quality of lettuce improved with lower morning temperatures. Tomatoes progressed normally except for considerable western yellow blight and yellow mosaic, noted in the Santa Maria district. These viruses were believed to have been encouraged by the comparatively dry spring. Cool weather during the month also favored avocados by reducing their tendency to drop.

In the Los Angeles area weather conditions generally favored the development of crops, harvesting activities, and pest control operations. However, extremely high temperatures at the middle of the month interrupted pest control operations on some days. Valencia oranges were reported small with low sugar content where winter temperatures had been severe. Irrigation continued heavy, and underground water supplies remained low.

Warm weather in the San Diego area stimulated fruit and vegetables to develop rapidly. Picking of Valencia oranges, however, proceeded slowly with most of the crop harvested. Cool weather late in the month slowed ripening of Elberta peaches and tomatoes in some districts. Irrigation continued heavy. Pastures and ranges remained in poor condition due to the absence of late spring rains.

Weather in the Imperial Valley was generally favorable for all harvesting activities.

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OUR SILENT OBSERVERS
With deep regret we record their passing.

Mr. Willard W. Burns, Cooperative and River Observer at Alderpoint, died on June 21, 1949. Mr. Burns had maintained cooperative weather records at Alderpoint for about five years.

Mrs. Ethel McCormick, Hydroclimatic Observer at St. Helena, died July 13, 1949. Mrs. McCormick had performed faithful and efficient service in rendering hydroclimatic reports for a period of nearly 10 years.

Robert J. McCann, Hydroclimatic Observer at Highland, died July 29, 1949. He had rendered efficient service at Highland since October, 1937.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

CALIFORNIA
JULY 1949

Station	Sea level pressure extremes— inches				Wind speed—m. p. h.				Relative humidity averages—percent				Sunshine		Degree days 65° base
	Highest	Date	Lowest	Date	Average	Maximum #	Direction of maximum #	Date of maximum #	1:30 a. E. S. T.	7:30 a. E. S. T.	1:30 p. E. S. T.	7:30 p. E. S. T.	Percent of possible		
BAKERSFIELD WB AIRPORT	30.04	1	29.63	17	7.3	-	-	-	29	43	25	17	-	0	
BEAUMONT WB	30.06	31	29.74	17	6.5	-	-	-	65	67	25	26	-	0	
BISHOP WB AIRPORT	30.10	2	29.60	17	-	-	-	-	24	-	16	12	-	0	
BLUE CANYON WB AIRPORT	30.06	1	29.64	18	9.1	-	-	-	39	33	28	28	-	21	
BURBANK WB AIRPORT	30.06	31	29.76	17	5.8	-	-	-	83	89	56	47	-	0	
EUREKA WB CITY	30.19	1	29.87	17	7.1	21	NW	27	-	-	-	-	59	315	
FRESNO WB AIRPORT	30.03	31	29.63	17	7.2	19	NW	9	41	57	31	18	97	0	
LOS ANGELES WB AIRPORT	30.08	31	29.77	17	6.2	-	-	-	81	82	66	69	-	1	
LOS ANGELES WB CITY	30.08	1	29.77	17	5.6	17	W	31	-	-	-	-	79	0	
MOUNT SHASTA WB CITY	30.12	31	29.69	17	5.5	-	-	-	49	69	36	25	-	25	
OAKLAND WB AIRPORT	30.10	31	29.77	17	9.8	-	-	-	81	85	68	61	-	66	
RED BLUFF WB AIRPORT	30.05	1	29.55	17	8.0	21	E	30	33	47	27	16	96	0	
SACRAMENTO WB CITY	30.05†	1	29.65†	17	8.2	19	NW	31	60†	74†	44†	26†	99	0	
SANDBERG WB	30.06	31	29.75	17	13.4	-	-	-	33	34	21	24	-	0	
SAN DIEGO WB AIRPORT	30.07	31	29.80	17	6.6	18	NW	13	82	83	67	63	60	0	
SAN FRANCISCO WB AIRPORT	30.10	31	29.77	17	16.1	40	W	5	85	89	71	68	-	184	
SAN FRANCISCO WB CITY	30.10	31	29.77	17	11.6	31	W	5	-	-	73†	-	64	231	
SAN JOSE	30.08	31	29.74	17	7.3	22	NW	23	-	-	-	55	86	18	
SANTA CATALINA WB AIRPORT	30.06	31	29.74	17	-	-	-	-	-	76	65	60	-	58	
SANTA MARIA WB AIRPORT	30.08	31	29.81	17	7.0	-	-	-	92	94	71	66	-	134	

† Airport ‡ Local Noon
Fastest Mile

COMPARATIVE DATA

Table 1

Year	Temperature			Precipitation		Year	Temperature			Precipitation		Year	Temperature			Precipitation	
	Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more		Average	Highest	Lowest	Average	No. of days .01 or more
1897	74.5	124	21	0.01	†	1916	70.3	127	24	0.31	1	1935	71.0	123	22	0.07	1
1898	74.3	124	27	T	†	1917	75.8	125	23	0.08	†	1936	74.5	125	26	0.19	1
1899	77.9	123	25	T	†	1918	71.5	120	29	0.07	†	1937	74.1	124	25	0.11	1
1900	75.9	126	30	0.03	†	1919	72.4	122	23	0.09	†	1938	73.0	125	26	0.15	1
1901	76.0	121	28	0.01	†	1920	71.7	125	26	0.06	†	1939	72.8	123	26	0.08	1
1902	72.8	122	17	0.07	†	1921	74.0	123	24	0.05	†	1940	71.6	123	29	0.01	†
1903	71.2	121	15	T	†	1922	73.4	126	28	0.15	†	1941	73.4	124	28	0.08	1
1904	72.2	117	23	0.09	†	1923	71.4	123	29	0.05	†	1942	73.8	128	29	0.01	†
1905	74.8	128	18	0.01	†	1924	71.3	124	26	0.01	†	1943	72.6	124	32	0.04	†
1906	76.8	120	27	0.04	†	1925	73.9	125	27	0.15	1	1944	70.7	120	23	0.08	†
1907	73.1	123	28	0.03	†	1926	74.0	125	26	0.07	†	1945	74.6	125	31	0.07	†
1908	76.4	119	34	0.04	†	1927	73.5	125	22	0.05	†	1946	72.9	119	30	0.33	†
1909	71.2	117	26	0.05	†	1928	72.1	125	26	0.01	†	1947	71.3	126	26	0.11	†
1910	75.5	119	22	0.10	†	1929	72.9	123	30	0.01	†	1948	71.4	124	27	0.10	1
1911	74.1	117	28	0.10	†	1930	72.6	122	32	0.02	†	1949	74.6	128	26	0.02	†
1912	71.0	118	23	0.06	†	1931	77.2	126	30	0.04	†	PERIOD	73.3	134	15	0.08	†
1913	73.1	134	22	0.46	2	1932	71.3	121	22	0.04	†	† Less than one-half					
1914	72.4	122	28	0.06	1	1933	74.8	127	31	0.04	†						
1915	72.7	120	29	0.06	1	1934	72.9	125	26	0.05	†						

See reference notes following Station Index.

CLIMATOLOGICAL DATA

CALIFORNIA
JULY 1946

Table 2

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTH COAST DRAINAGE																		
CHINA PLAT	71.5	- 1.4	103	13	46	1	19	0	.18	-.08	.18	31	.0	0		1	0	0
CRESCENT CITY	55.9	- 3.5	69	7+	40	7	0	0	.09	-.24	.06	31	.0	0		1	0	0
ELK VALLEY	63.9	-	95	14	32	1	4	1	.00	-	.00	-	.0	0		0	0	0
EUREKA WB CITY	54.8	- 0.7	65	23	48	17	0	0	.16	.05	.11	31	.0	0		2	0	0
FORT BRAGG	55.4M	- 1.1	68	26	44	1+	0	0	.10	.03	.10	31	.0	0		1	0	0
FORT BRAGG AVE	54.4M	-	67	25+	42	1	0	0	.03	-	.01	13+	.0	0		3	0	0
FORT JONES RS	89.9	0.1	103	14	40	1+	21	4	.01	-.35	.17	31	.0	0		1	0	0
GRATON	63.8	- 1.6	94	8	40	2+	1	0	.17	.14	.17	31	.0	0		1	0	0
HAMILTON FIELD	65.0	- 1.4	91	8	46	2+	1	0	T	.00	T	30+	.0	0		1	0	0
HAPPY CAMP RS	73.4	1.0	107	14	42	1+	27	0	.01	-.28	.01	31	.0	0		1	0	0
HEALDSBURG	67.6	- 1.3	98	8	43	5	9	0	.18	.15	.18	31	.0	0		1	0	0
KENTFIELD	64.8M	- 0.7	95	17	43	1+	3	0	.05	.03	.05	31	.0	0		1	0	0
MONTAGUE SISKIYOU CO AP	71.4	-	102	14	46	1+	16	0	.03	-	.03	31	.0	0		1	0	0
MOUNT HERRON RS	62.8	-	95	14	32	20	9	1	.02	-	.02	18	.0	0		1	0	0
NAPA STATE HOSPITAL	65.9	-	74	8+	45	5	4	0	.00	-.01	.00	18	.0	0		1	0	0
ORICK PRAIRIE CREEK PARK	56.2	- 0.8	97	14	44	3	22	0	.19	-	.15	31	.0	0		3	0	0
ORLEANS	72.5	-	106	12	46	3	2	0	.03	-.19	.03	31	.0	0		1	0	0
PETALUMA	65.7	- 0.1	90	1+	46	1+	2	0	.03	-	.03	31	.0	0		1	0	0
POINT ARENA LIGHT STATION	53.0	-	64	31	42	3+	0	0	.07	-.02	.07	31	.0	0		1	0	0
POTTER VALLEY POWER HOUSE	73.7	-	104	10+	43	2	27	0	.22	-	.22	31	.0	0		1	0	0
SAINTE HELENA	69.8	- 0.2	103	16	42	6	15	0	.02	.01	.02	31	.0	0		1	0	0
SAN RAFAEL	65.2	-	90	16	46	1	1	0	.05	-	.05	31	.0	0		1	0	0
SANTA ROSA	64.8	- 1.2	92	16	42	5+	4	0	.05	.01	.05	31	.0	0		1	0	0
SCOTIA	59.9	- 1.5	78	8	46	17	0	0	.02	.00	.02	26	.0	0		1	0	0
STEELE SWAMP	67.9	-	95	14	40	20	9	0	.00	-.23	.00	-	.0	0		0	0	0
TULELAKE 4 SW	68.2	2.9	94	30	40	20	9	0	.00	-.28	.00	-	.0	0		0	0	0
UKIAH	73.0	0.6	104	16	48	6	23	0	.30	-	.30	31	.0	0		1	0	0
WEAVERVILLE RS	70.0	- 1.4	102	13	40	1+	24	0	.07	-.04	.07	31	.0	0		1	0	0
YREKA	71.0	- 0.6	101	15	43	19	17	0	.00	-.37	.00	-	.0	0		0	0	0
DIVISION	65.2	- 2.2							.07	-.04								
SACRAMENTO DRAINAGE																		
ALTURAS RS	64.9	- 1.9	94	31	37	1+	10	0	.09	-.34	.09	12	T	0		1	0	0
AUBURN	77.1	- 0.3	105	17	48	5	27	0	T	-.01	T	31	.0	0		0	0	0
BLUE CANYON WB AP	68.1	-	86	16	51	20	0	0	T	-	T	30	.0	0		0	0	0
BOWMAN DAM	67.1M	- 0.4	88	13+	46	24	0	0	.03	-.14	.03	31	.0	0		1	0	0
BROOKS FARNHAM RANCH	73.6	-	102	18	48	4+	25	0	.02	-	.02	31	.0	0		1	0	0
BURNEY	64.3	- 0.6	95	12+	31	1	10	1	T	-.22	T	31	.0	0		0	0	0
CANYON DAM	65.8	- 0.9	94	31	38	5+	12	0	.02	-.10	.02	31	.0	0		1	0	0
CENTERVILLE POWER HOUSE	77.2	0.0	107	16	49	4+	29	0	.01	-.01	.01	30	.0	0		1	0	0
CLARKSBURG	72.2M	- 1.6	102	17	50	3+	18	0	.04	.03	.04	31	.0	0		1	0	0
CLEARLAKE PARK	74.9	- 0.3	103	10+	48	2	25	0	.03	.01	.03	31	.0	0		1	0	0
COLFAX	77.1	- 0.7	100	16	56	5+	16	0	.02	-.02	.02	31	.0	0		1	0	0
COLUSA HIGH SCHOOL	76.9	- 0.7	104	12+	50	4	28	0	.00	-.01	.00	-	.0	0		0	0	0
DAVIS AGR COLLEGE	73.8	- 2.4	104	12	48	6	22	0	T	-.01	T	31	.0	0		0	0	0
DEER CREEK POWER HOUSE	67.6	- 1.4	100	16	38	6+	15	0	.03	0	.02	30	.0	0		2	0	0
DE SABLE	71.6M	- 0.8	96	16	46	6	0	0	T	-.01	T	31	.0	0		0	0	0
DOBBSINS COLGATE FOREBAY	78.1	- 0.5	104	11	50	1	25	0	T	-.01	T	31	.0	0		0	0	0
DONNER SUMMIT	61.2	-	80	14	42	6	0	0	T	-.01	T	30+	.0	0		0	0	0
EAST PARK RESERVOIR	75.5	- 1.7	102	11+	50	19	27	0	.02	.01	.02	31	.0	0		1	0	0
FALL RIVER MILLS INTAKE	67.9	- 1.7	96	15	39	1	11	0	.00	-.14	.00	-	.0	0		0	0	0
FOLSOM	76.6	- 2.6	106	12+	51	6	24	0	T	-.01	T	31	.0	0		0	0	0
GRASS VALLEY	74.8	- 2.2	99	18	49	6	15	0	.01	-.03	.01	30	.0	0		1	0	0
GRIDLEY	77.4	-	104	16+	52	4+	28	0	.00	-.03	.00	-	.0	0		0	0	0
HAT CREEK POWER HOUSE 1	70.2	- 0.6	106	30	37	1	28	0	.00	-.13	.00	-	.0	0		0	0	0
JESS VALLEY	62.9	-	90	14	38	20	1	0	T	-	T	31	.0	0		0	0	0
LAKEPORT	70.9	-	101	16	41	5+	21	0	T	-.11	T	31	.0	0		1	0	0
LAKESHORE	76.1	-	105	10	48	1	29	0	.01	-	.01	31	.0	0		1	0	0
LAKE SPAULDING	61.8	- 2.6	85	11+	36	5+	0	0	T	-.09	T	30+	.0	0		0	0	0
LAS PLUMAS	82.7	0.2	105	11+	58	6	30	0	.12	-.10	.07	31	.0	0		2	0	0
MANZANITA LAKE	63.2	-	89	11+	39	3+	0	0	T	-	T	30	.0	0		0	0	0
MC CLOUD	66.4	- 0.5	100	15	34	1	15	0	.01	-.19	.01	31	.0	0		1	0	0
MERCED	61.6	- 2.3	88	18	35	1	0	0	T	-.08	T	31	.0	0		0	0	0
MINERAL	67.8	-	95	14	43	5	10	0	.01	-.13	.01	31	.0	0		1	0	0
MOUNT SHASTA WB CITY	67.8	-	89	18	40	6	17	0	T	-.05	T	31	.0	0		0	0	0
NEVADA CITY	69.2	0.1	98	10	48	4	20	0	T	-.02	T	30	.0	0		0	0	0
ORLAND	77.1	- 5.8	105	11+	53	3+	28	0	.00	-.02	.00	-	.0	0		0	0	0
OROVILLE 1 N	78.4	- 1.1	108	12+	49	4+	30	0	.00	-.02	.00	-	.0	0		0	0	0
OROVILLE 7 SE	76.9	- 2.9	106	12	49	6	27	0	.00	.00	.00	-	.0	0		0	0	0
QUINCY RS	65.9M	0.1	96	13+	32	20	17	1	.00	-.10	.00	-	.0	0		0	0	0
RED BLUFF WB AP	81.6	0.8	105	11	59	5	29	0	T	-.03	T	30+	.0	0		0	0	0
REDDING FIRE STATION NO 2	81.2	- 0.9	106	13	56	5	29	0	.00	-.10	.00	-	.0	0		0	0	0
ROCKLIN	77.4	- 0.5	109	12	49	1+	28	0	T	-.01	T	31	.0	0		0	0	0
SACRAMENTO WB AP	73.8	0.6	100	8	52	4	20	0	.02	.02	.02	30	.0	0		1	0	0
SACRAMENTO WB CITY	74.2	1.0	102	11	52	3	20	0	T	-	T	30+	.0	0		0	0	0
SHASTA DAM	82.0	-	105	11	62	1+	27	0	T	-	T	31	.0	0		0	0	0
SIERRA CITY	68.9	-	93	13+	43	5	10	0	.02	-	.02	31	.0	0		1	0	0
SIERRAVILLE RS	63.1	0.2	91	13	32	4+	3	4	.00	-.35	.00	-	.0	0		0	0	0
SNOW LAB CENTRAL SIERRA	58.5	-	82	17	33	5	0	0	T	-	T	31	.0	0		0	0	0
SODA SPRINGS	57.6	- 2.6	81	17	32	6	0											

CLIMATOLOGICAL DATA

CALIFORNIA
JULY 1949

Table 2—Continued

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max. 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
FORT BIDWELL	68.1	- 2.3	94	9+	38	20	13	0	.02	- .24	.02	11	.0	0	-	1	0	0
GEM LAKE	58.1M	- 1.7	75	14	41	6	0	0	.02	- .45	.02	30	.0	0	-	0	0	0
LAKE CITY	70.3	- 0.3	97	15	42	19	11	0	T	- .25	T	13	.0	0	-	0	0	0
TABOR	60.8	- 0.1	85	14+	34	6	0	0	.00	- .25	.00	23	.0	0	-	0	0	0
TRUCKEE RS	62.3M	- 1.1	91	15	32	5	1	1	.00	- .22	.00	1	.0	0	-	0	0	0
WOODFORDS	70.3	-	94	16	47	20	7	0	.02	- .40	.02	30	.0	0	-	1	0	0
DIVISION	66.5	0.8							.02	- .29								
CENTRAL COAST DRAINAGE																		
BEW LOMOND	62.8	-	96	10	40	7	2	0	T	- .04	T	30	.0	0	-	0	0	0
BERKELEY	61.2	- 0.1	78	16+	48	1	0	0	.11	- .09	.11	30	.0	0	-	1	0	0
BURLINGAME	61.3	-	78	1+	43	3	0	0	.05	-	.05	31	.0	0	-	1	0	0
HALF MOON BAY	56.2	-	68	31	45	7	0	0	.00	-	.00	-	.0	0	-	0	0	0
HOLLISTER	65.9	- 0.5	95	16	46	6	3	0	.03	- .00	.03	30	.0	0	-	1	0	0
KING CITY AP	67.1	-	96	16	42	4+	4	0	.00	-	.00	-	.0	0	-	0	0	0
LIVERMORE	71.0	0.4	104	17	45	6	20	0	.03	- .02	.03	31	.0	0	-	1	0	0
LOS GATOS	67.6	- 0.6	95	16	45	6	3	0	T	- .00	T	31	.0	0	-	1	0	0
MARTINEZ CITY HALL	68.6	-	97	17	49	1	6	0	.11	-	.11	31	.0	0	-	1	0	0
MONTREY	58.6	-	79	16	45	7	0	0	.04	-	.02	27+	.0	0	-	0	0	0
MOUNT HAMILTON	70.6	0.3	91	16	52	5+	1	0	.00	- .01	.00	31	.0	0	-	1	0	0
NEWARK	68.5	-	88	18	55	0	0	0	.03	-	.03	31	.0	0	-	1	0	0
OAKLAND FIN CENTER	62.6M	-	80	16+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OAKLAND WB AP	63.3	1.4	86	16	49	1	0	0	.03	- .02	.03	30	.0	0	-	1	0	0
ORINDA BOWMAN	65.6	-	98	16	46	1	5	0	.15	-	.15	31	.0	0	-	1	0	0
PALO ALTO	64.1	- 1.5	86	17	46	4+	0	0	.15	- .14	.14	31	.0	0	-	1	0	0
PASO ROBLES	69.3	- 2.3	109	14	41	20	18	0	T	- .01	T	30	.0	0	-	0	0	0
PASO ROBLES AP	70.2	-	106	16	46	20+	14	0	T	-	T	30	.0	0	-	0	0	0
PINNACLES NATIONAL MONUMENT	71.1	-	106	16	42	4+	24	0	.04	-	.04	30	.0	0	-	1	0	0
PISMO BEACH	58.8	-	71	20+	38	2	0	0	.01	-	.01	31	.0	0	-	1	0	0
POINT PIEDRAS BLANCAS	54.3	-	65	24	44	0	0	0	T	-	T	30	.0	0	-	0	0	0
PORT CHICAGO NAVAL DEPOT	69.3	-	96	17	45	1	7	0	.07	-	.07	31	.0	0	-	1	0	0
PRIEST VALLEY	68.5	-	100	17	38	6	17	0	.08	- .08	.08	31	.0	0	-	1	0	0
REDWOOD CITY	65.7	- 2.3	88	1	45	4+	0	0	.09	- .09	.09	31	.0	0	-	1	0	0
SAINTE MARYS COLLEGE	64.9	-	95	16	48	1+	3	0	.10	-	.10	31	.0	0	-	1	0	0
SALINAS AP	60.9	- 0.9	78	18+	49	7	0	0	.15	- .14	.15	30	.0	0	-	1	0	0
SAN FRANCISCO WB AP	59.1	- 0.2	76	16	46	1	0	0	.02	- .02	.02	31	.0	0	-	1	0	0
SAN FRANCISCO WB CITY	57.6	- 0.9	72	16	50	1	0	0	.06	- .04	.06	30+	.0	0	-	1	0	0
SAN JOSE	67.0	- 0.2	92	15	48	0	1	0	.01	- .01	.01	30	.0	0	-	1	0	0
SAN LOUIS OBISPO POLY	63.1	- 1.4	80	2	45	6	0	0	T	- .00	T	31	.0	0	-	0	0	0
SANTA CLARA UNIVERSITY	66.3	0.5	93	16	44	6	3	0	.02	- .02	.02	31	.0	0	-	1	0	0
SANTA CRUZ	60.3	- 2.8	82	31	42	6	0	0	.03	- .01	.02	12	.0	0	-	2	0	0
WALNUT CREEK	69.6	- 3.0	104	17	48	1	12	0	.15	- .15	.15	31	.0	0	-	1	0	0
WATSONVILLE WATERWORKS	58.9M	- 2.6	73	16	46	1+	0	0	.10	- .09	.10	31	.0	0	-	1	0	0
DIVISION	64.4	- 0.8							.05	.04								
SAN JOAQUIN DRAINAGE																		
ANTIOCH 1 E	71.7	- 4.5	101	17	47	5	17	0	.05	- .05	.05	31	.0	0	-	1	0	0
ASH MOUNTAIN	83.1	- 0.4	107	11	63	6+	31	0	T	- .02	T	2+	.0	0	-	0	0	0
AUBERRY	77.3	- 2.0	103	11+	53	5	30	0	.00	- .03	.00	-	.0	0	-	0	0	0
BAKERSFIELD WB AP	83.0	- 1.1	109	17	58	6	31	0	T	- .01	T	30	.0	0	-	0	0	0
BIG CREEK POWER HOUSE 1	71.1	- 1.2	90	10+	50	7	2	0	.00	- .06	.00	-	.0	0	-	0	0	0
BUTTONWILLOW	82.0	-	112	18	56	6	31	0	.00	- .04	.00	-	.0	0	-	0	0	0
CALAVERAS BIG TREES	58.9	-	92	16	42	7	4	0	.00	-	.00	-	.0	0	-	0	0	0
CAMP PARDEE	77.8	- 1.3	105	11+	50	5	28	0	.00	- .00	.00	-	.0	0	-	0	0	0
CEDAR GROVE	66.4	-	93	11+	40	7	9	0	.22	-	.14	30	.0	0	-	2	0	0
COALINGA	81.2	- 1.1	107	17	58	6	31	0	.00	- .06	.00	-	.0	0	-	0	0	0
COCORAN IRRIG DIST OFFICE	81.6	-	111	18	55	5+	31	0	.00	-	.00	-	.0	0	-	0	0	0
DEHAIR	75.0	- 1.7	105	17	48	6	28	0	.00	- .00	.00	-	.0	0	-	0	0	0
DUDLEY	67.9	- 0.5	99	17	48	6	17	0	T	- .02	T	30	.0	0	-	1	0	0
ELECTRA POWER HOUSE	77.4	- 0.7	106	10+	48	6	31	0	.06	- .05	.06	30	.0	0	-	1	0	0
FIVE POINTS HARNISH RANCH	81.2	-	113	17	50	6	31	0	.01	-	.01	30	.0	0	-	1	0	0
FRESNO WB AP	81.2	- 0.1	109	11	56	6	31	0	T	- .01	T	2+	-2.0	0	-	0	0	0
FRIANT GOVERNMENT CAMP	80.7	-	111	18	51	6	31	0	.00	-	.00	-	.0	0	-	0	0	0
GIANT FOREST	63.2	- 2.0	83	11	44	6+	0	0	.05	- .08	.05	30	.0	0	-	1	0	0
GLENVILLE MORROW RANCH	70.3	- 2.2	97	11+	44	6	14	0	.00	- .04	.00	-	.0	0	-	0	0	0
GRANT GROVE	61.2	-	82	17	41	6+	0	0	T	-	T	1	.0	0	-	0	0	0
HANFORD	78.2	- 2.4	106	12	52	26	30	0	.00	- .00	.00	-	.0	0	-	0	0	0
HETCH HETCHY	71.3	- 0.5	94	16	49	6	8	0	.00	- .17	.00	-	.0	0	-	0	0	0
HUNTINGTON LAKE	80.1	- 1.1	79	15	41	6	0	0	T	- .08	T	2	.0	0	-	0	0	0
IDRA	78.8	- 2.4	101	17	57	6	16	0	T	- .01	T	30+	.0	0	-	0	0	0
KEEN RIVER POWER HOUSE 1	85.2	- 0.9	108	17	58	7	31	0	.00	-	.00	-	.0	0	-	0	0	0
KEEN RIVER POWER HOUSE 3	80.0	-	104	10+	52	6	30	0	.00	-	.00	-	.0	0	-	0	0	0
KETTLEMAN STATION	82.6	-	108	17	59	4+	31	0	.00	-	.00	-	.0	0	-	0	0	0
LAKE ELEANOR	70.9M	0.3	92	18	51	1+	8	0	.00	- .10	.00	-	.0	0	-	0	0	0
LE GRAND	78.8	- 1.1	110	18	47	6	31	0	.00	- .01	.00	-	.0	0	-	0	0	0
LEMON COVE	81.5	- 0.5	109	10+	54	6	31	0	.00	- .01	.00	-	.0	0	-	0	0	0
LINDSAY	79.1	- 1.8	108	12+	50	6	31	0	.00	- .00	.00	-	.0	0	-	0	0	0
Lodi	69.2	- 3.9	99	8+	43	4+	17	0	T	- .00	T	30	.0	0	-	0	0	0
LOS BANOS	77.8	- 1.7	109	17	49	6	29	0	T	- .01	T	31	.0	0	-	0	0	0
MADERA	79.2M	0.2	107	12	50	6	0	0	.00	-	.00	-	.0	0	-	0	0	0
MARICOPA	86.2	0.6	110	11	63	6	31	0	.00	- .01	.00	-	.0	0	-	0	0	0
MERCED	76.6	- 3.6	105	18	49	6	29	0	T	- .01	T	18	.0					

Table 2-Continued

CLIMATOLOGICAL DATA

CALIFORNIA
JULY 1949

Station	Temperature								Precipitation									
	Average	Departure from normal	Highest	Date	Lowest	Date	No. of days		Total	Departure from normal	Greatest day	Date	Snow, Sleet, Hail			No. of days		
							Max 90° or above	Min. 32° or below					Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
YOSEMITE NATIONAL PARK	72.1	1.5	98	17	47	14	18	0	.01	-.18	.01	28	0	0	-	1	0	0
DIVISION	76.1	-1.2							.01	-.03								
SOUTH COAST DRAINAGE																		
ANACAPA ISLAND	62.0		70	19+	54	2	0	0	.00		.00		0	0	-	0	0	0
AVALON PLEASURE PIER	65.0M	-1.4	74	15	55	13	0	0	.00	-.00	.00		0	0	-	0	0	0
BARRETT DAM	73.3	-2.7	100	18	45	6	19	0	.00	-.07	.00		0	0	-	0	0	0
BEAUMONT WB	74.6		103	16	45	6	23	0	.00	.00	.00		0	0	-	0	0	0
BIG BEAR LAKE DAM	61.5	0.4	87	17	34	6	0	0	.22	.22	.22	13	0	0	-	1	1	0
BONITA	67.7	-2.0	83	13	51	9	0	0	.00	-.20	.00		0	0	-	0	0	0
BURNHAM WB AP	72.0		97	16	54	8	3	0	T	.00	.00	1+	0	0	-	0	0	0
CANOGA PARK PIERCE COLLEGE	71.7		100	24	47	10	0	0	T	.00	.00		0	0	-	0	0	0
CHULA VISTA	66.0	-0.8	72	13+	57	8	18	0	T	.00	.00		0	0	-	0	0	0
CLAREMONT POMONA COLLEGE	72.0	-1.4	99	16	48	6+	15	0	T	-.01	.00	31	0	0	-	0	0	0
CORONA	72.0M	-3.0	95	16	48	30	9	0	.00	.01	.00		0	0	-	0	0	0
CULVER CITY	66.7	-1.5	80	16	54	1+	0	0	.00	.00	.00		0	0	-	0	0	0
CUYAMA	73.4		104	18	40	28	28	0	.00	.00	.00		0	0	-	0	0	0
CUYAMACA	68.7	-1.3	95	15	39	8	3	0	T	.38	.00	1+	0	0	-	0	0	0
DRY CANYON RESERVOIR	74.8	-0.9	104	16	52	26	21	0	.00	.21	.00		0	0	-	0	0	0
EL CAYON YALE RANCH	70.7	-2.1	82	14	49	7	1	0	.00	.06	.00		0	0	-	0	0	0
EL CAPITAN DAM	71.1	-1.5	97	14	46	7	20	0	.00	.03	.00		0	0	-	0	0	0
ESCONDIDO	71.0	2.4	91	16	49	7+	5	0	.00	.00	.00		0	0	-	0	0	0
HENSHAW DAM	71.3		100	17	43	6	15	0	.00	.02	.00		0	0	-	0	0	0
IDYLLWILD RS	67.6	-10.3	93	16	42	6	4	0	T	-.47	.00		0	0	-	0	0	0
LAGUNA BEACH	66.3	-2.6	78	31	53	22	0	0	.00	.00	.00		0	0	-	0	0	0
LA MESA	69.0	-2.9	85	14	52	13	0	0	.00	.02	.00		0	0	-	0	0	0
LONG BEACH	70.1	0.0	86	2+	59	1+	0	0	.00	.00	.00		0	0	-	0	0	0
LOS ANGELES WB AP	67.3		77	16	59	1	0	0	T	.00	.00	30	0	0	-	0	0	0
LOS ANGELES WB CITY	71.8	1.6	81	16	59	8	0	0	T	.00	.00	1+	0	0	-	0	0	0
MILL CREEK 2	77.4	-1.3	103	16	59	25+	23	0	T	.01	.00		0	0	-	0	0	0
MOUNT WILSON FC 338 B	70.9		89	14	56	6+	0	0	.00	.12	.00		0	0	-	0	0	0
NEWHALL AP	70.6	-6.2	101	16	44	8	18	0	T	.00	.00	30	0	0	-	0	0	0
NEWPORT BEACH	67.8		82	20	59	14+	0	0	.00	.00	.00		0	0	-	0	0	0
NORTH HOLLYWOOD	71.2		99	16	48	7	9	0	.00	.00	.00		0	0	-	0	0	0
OCEANSIDE CAA STATION	66.6	-1.7	75	19+	52	7	0	0	.00	-.04	.00		0	0	-	0	0	0
OJAI	71.1	-1.4	102	16	48	1	16	0	.00	.00	.00		0	0	-	0	0	0
OPIDS CAMP FC 57 B	78.0	-3.3	103	14	55	6	20	0	T	.00	.00	1	0	0	-	0	0	0
OXNARD	62.5	-1.6	74	17+	44	14	0	0	T	.00	.00	30	0	0	-	0	0	0
PALOMAR MOUNTAIN OBSERVATORY	72.4		90	14+	44	14	0	0	T	.00	.00		0	0	-	0	0	0
PASADENA	71.7	-1.0	96	16	53	6+	2	0	.00	.02	.00		0	0	-	0	0	0
POINT ARGUELLO U S C G	61.5		87	15	47	8	0	0	.00	.00	.00		0	0	-	0	0	0
POMONA	73.0	-0.5	102	16	48	22	16	0	.00	.00	.00		0	0	-	0	0	0
RAMONA SPAULDING	70.9		96	15+	43	7+	17	0	T	.00	.00	1	0	0	-	0	0	0
RIVERSIDE FIRE STATION NO 3	73.6	-2.2	101	16	50	7	19	0	.00	-.01	.00		0	0	-	0	0	0
SAN ANTONIO CANYON MOUTH	74.1	-3.2	98	16	49	27	10	0	.00	-.02	.00		0	0	-	0	0	0
SAN BERNARDINO FIRE NO 5	75.8		103	16	53	7	24	0	.00	-.03	.00		0	0	-	0	0	0
SANDBERG WB	75.5	-0.9	92	16	55	27	5	0	.00	-.01	.00		0	0	-	0	0	0
SAN DIEGO WB AP	69.4	0.9	78	16+	59	7	0	0	T	.00	.00	1+	0	0	-	0	0	0
SAN FERNANDO	70.8	-2.9	100	16	48	6+	10	0	.00	-.02	.00		0	0	-	0	0	0
SAN GABRIEL FIRE DEPARTMENT	72.4		96	16	54	6+	6	0	T	.00	.00	1	0	0	-	0	0	0
SAN JACINTO	74.8	-2.5	107	16	45	6	30	0	.00	-.09	.00		0	0	-	0	0	0
SAN PEDRO	66.7	-0.5	75	1+	59	9+	0	0	.00	.00	.00		0	0	-	0	0	0
SANTA ANA	70.5M	-0.9	91	16	50	22	1	0	.00	-.01	.00		0	0	-	0	0	0
SANTA ANA RIVER POWER HOUSE 1	75.3	-0.9	103	16+	51	27+	25	0	.00	-.11	.00		0	0	-	0	0	0
SANTA BARBARA	64.9		89	31	52	5+	0	0	T	.02	.00	13+	0	0	-	0	0	0
SANTA BARBARA AP	63.0	-1.1	77	31	49	28	9	0	T	.02	.00	1+	0	0	-	0	0	0
SANTA CATALINA WB AP	65.4		86	16	50	9	0	0	T	.00	.00	8+	0	0	-	0	0	0
SANTA MARIA	61.2	-1.9	74	12+	46	6	0	0	T	-.01	.00	30	0	0	-	0	0	0
SANTA MARIA WB AP	60.8		77	31	45	7	0	0	T	.00	.00	2+	0	0	-	0	0	0
SANTA MONICA PIER	67.3		78	2+	52	1	0	0	T	.00	.00	30	0	0	-	0	0	0
SANTA PAULA	65.0M		81	2	46	1	0	0	.00	.00	.00		0	0	-	0	0	0
SAGUS POWER PLANT 1	73.6		104	17	47	7+	24	0	.00	.00	.00		0	0	-	0	0	0
SIERRA MADRE HENSZKY	70.8M		100	16	48	6	13	0	.00	.00	.00		0	0	-	0	0	0
SUNLAND TUJUNGA	72.5M		101	16	46	24	14	0	T	.00	.00	11+	0	0	-	0	0	0
TORRANCE	67.4		82	19	55	5	0	0	.00	.00	.00		0	0	-	0	0	0
TUSTIN IRVINE RANCH	70.2	-1.0	90	16	51	14	1	0	.00	.00	.00		0	0	-	0	0	0
UNIV OF CALIF AT LOS ANGELES	66.1		82	16	56	8	0	0	T	.00	.00	1+	0	0	-	0	0	0
UPLAND	70.8		97	16	45	6	11	0	.00	.00	.00		0	0	-	0	0	0
YORBA LINDA	71.6M	-0.7	94	16	51	14+	2	0	.00	-.01	.00		0	0	-	0	0	0
DIVISION	69.8	-1.9							T	-.09								
S E DESERT BASINS																		
BACKUS RANCH	81.6	-1.5	107	16+	55	1	30	0	.00	.00	.00		0	0	-	0	0	0
BARSTOW	84.3	0.3	110	16	58	6+	31	0	.00	.18	.00		0	0	-	0	0	0
BISHOP WB AP	76.8	3.6	107	16	50	6	30	0	.05	.05	.05	2	0	0	-	1	0	0
BLITHE	92.8	1.8	117	14	68	7	31	0	.00	.26	.00		0	0	-	0	0	0
BLYTHE AP	94.1		117	14	71	7	31	0	T	.00	.00	2	0	0	-	0	0	0
BOREGO VALLEY	88.7		116	14	58	9	31	0	T	.00	.00	1	0	0	-	0	0	0
BRAWLEY	93.3	2.0	119	15	69	27	31	0	.00	.05	.00		0	0	-	0	0	0
COACHELLA INDI0 CAA	91.8		117	14	66	22	31	0	.00	.00	.00		0	0	-	0	0	0
COW CREEK	102.6	-0.9	128	18	78	21	31	0	.00	-.12	.00		0	0	-	0	0	0
DAGGETT AP	86.9		112	15+	61	7	31	0	T	.00	.00	2	0	0	-	0	0	0
DEEP SPRINGS SCHOOL	75.0M		99	16	53	22+	0	0	T</									

DAILY PRECIPITATION

Table 3-Continued

CALIFORNIA
JULY 1949

Station	Day of month																															Tot Precip		
	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			
CAMP BALDY FC 85 D	Z																																	.00
CAMPO																																		.00
CAMP PARDEE	Z																																	.00
CAMP SAN LUIS OBISPO	Z																																	.00
CAMPFONVILLE RS	Z																																	.00
CAMP WISBON	R																																	.00
CARBY RS																																		.00
CANOVA PARK PIERCE COL										.08																								.08
CANYON DAM																																		.00
CASTLE ROCK																																.02		.02
CATRAY BULL RUN RCH	R																																	.00
CAZADERO																																		.00
CEDAR GROVE		T																																.25
CEDARVILLE																																.14	.08	.22
CENTERVILLE PH																																		.00
CHATSWORTH REYNEMANN RCH																																		.01
CHATSWORTH RESERVOIR	R																																	T
CHESTER																																		.00
CHINA FLAT																																		.01
CHOLAME HATCH RANCH	R																																	.18
CHUCHURATE RS	//R																																	.00
CHULA VISTA																																		T
CISCO RS																																		T
CLAREMONT POMONA COLLEGE																																		.08
CLARKSBURG																																		.00
CLEARLAKE PARK	Z																																	.04
CLOVERDALE 11 W	R																																	.03
COACHELLA INDIANO CAA	Z																																	.35
COALINGA																																		.00
COALINGA 1 SE	R																																	.00
COLEMAN FISH HATCHERY																																		.00
COLEVILLE																																		.00
COLTAX												T																						.09
COLUSA BRIDGE																																		.04
COLUSA HIGH SCHOOL																																		.04
CORCORAN IRRIG DIST																																		.00
CORONA																																		.00
CORRALITOS ENOS RCH	R																																	.10
COVELO																																		.28
COVELO EEL RVR RS	R																																	.19
COV CREEK																																		.00
COYOTE CANYON																																		.00
COYOTE WELLS																																		T
CRAWFORD RANCH	R																																	T
CRESCENT CITY																																		.00
CRESCENT CITY MNT STA	R																						.03											.06
CROCKER STA																																		.08
CROCKETT																																		.03
CULVER CITY																																		.10
CUYAMA																																		.00
CUYAMACA		T																																T
CUYAMA RS	R		T																															T
DAAGETT AP	Z		T																															T
DAVIS AGR COLLEGE	Z																																	T
DAY	//R																																	T
DEEP SPRINGS SCHOOL	//R																																	T
DEER CREEK PH																																		.00
DELANO																																		.02
DELAIR																																		.01
DE SABLE																																		T
DESCANSO RS																																		.00
DIAMOND BAR HORSE CMP	R																																	.00
DOBBS COLGATE FORERAY																																		T
DONNER SUMMIT																																		T
DOS RIOS																																		T
DOYLE																																		.19
DRY CANYON RESERVOIR																																		.00
DUDLEYS																																		.00
DUNNIGAN																																		T
DUNSMUIR																																		T
EAGLE MTN																																		T
EAST PARK RES		T																																.02
EL CAJON YALE RANCH																																		.00
EL CAPITAN DAM																																		.06
ELECTRA PH																																		.00
ELIZABETH LAKE																																		.00
ELE VALLEY																																		.00
ELLENY LAKE													.02																					

DAILY PRECIPITATION

CALIFORNIA
JULY 1949

Table 3-Continued

Station	Day of month																															Total		
	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			
HAINES CANYON LOWER																																		.00
HAINES CANYON UPPER																																		.00
HAIWEE		.07	.15	.01																													.00	
HALF MOON BAY																																	.00	
HAMILTON CITY																																	.01	
HAMILTON FIELD																																	.00	
HATFORD																																	.00	
HANSEN DAM	Z																																.00	
HAPPY CAMP RS	Z																																.01	
HARRISON GULCH RS	Z																																.02	
HAT CREEK EXP STA	R																																.28	
HAT CREEK PH 1	Z																																.00	
HATFIELD RESERVOIR	Z	.05																															.00	
HATFORD RS	R																																.06	
HAYWARD	R																																.22	
HEALDSBURG	R																																.18	
HEALDSBURG 2 E	R																																.14	
HEMET	R																																.00	
HEMET RESERVOIR	R																																.00	
HENSHAW DAM	Z																																.00	
HERNADEZ 2 NW	Z																																.00	
HETER HETCHY	R																																.22	
HIGHLAND	R																																.04	
HILT SLASH DISPOSAL	R																																.04	
HOBERGS	R																																.11	
HODGES DAM	R																																.00	
HOLLISTER	R																																.03	
HOLLISTER 2	R																																.00	
HOOPA	R																																.10	
HOPLAND 8 NE	R																																.28	
HOPLAND LARGO STA	R																																.12	
HUASFA	Z																																.00	
HUNTINGTON LAKE	Z	T																															.00	
HURON	R																																	.15
HYAMPOM	R																																	.00
IDRIA	R																																	.00
IDYLLWILD	R	T																																.00
IDYLLWILD RS	R																																	.00
IMPERIAL	Z																																	.00
INDEPENDENCE	Z																																	.28
INDEPENDENCE ONION VL	R																																	.09
INDIAN VALLEY	R																																	.00
INDIO US DATE GARDEN	R																																	.00
INTOKERN	R																																	.00
INTOKERN ARMITAGE	R	T																																.00
IOFA HILL	Z																																	.00
IRON MTN	Z																																	.00
JESS VALLEY	R																																	.00
JUNCAL DAM	R																																	.00
KEE RANCH	R																																	.00
KELLOGG	R																																	.00
KELSEYVILLE	R																																	.07
KENTFIELD	R																																	.05
KERLINGER	R																																	.00
KERN RIVER PH 1	R																																	.00
KERN RIVER PH 3	R																																	.00
KERVILLE	R																																	.00
KETTLEMAN STA	R																																	.00
KING CITY	R																																	.02
KING CITY AP	R																																	.00
KLAMATH	R																																	.03
KNEELAND 2	R																																	.00
KNIGHTS LANDING	R																																	.26
KNUDSEN STRAWBERRY	//R																																	.00
LA BREA HUNT	R																																	.00
LA CRESCENTA	R																																	.00
LAGUNA BEACH	R																																	.00
LAGUNA BEACH 2	R																																	.00
LAKE ARROWHEAD	R																																	.00
LAKE CITY	R																																	.00
LAKE ELEANOR	R																																	.00
LAKE MTN	R																																	.35
LAKE PILLSBURY	R																																	.15
LAKEPORT	R																																	.11
LAKESSHORE	R																																	.01
LAKE SPAULDING	R																																	.00
LAKE WOLFORD	R																																	.00
LA MESA	R																																	.00
LARCASTER	R																																	

HOURLY PRECIPITATION

CALIFORNIA
JULY 1949

Table 4-Continued

Station	A. M. Hour ending												P. M. Hour ending												Total		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
GRIZZLY FLATS													.05	.02											.07		
HAYWARD																									.22		
HIGHLAND																									.02		
KING CITY																									.16		
MARLEEVILLE																.02	.07	.15		.14	.08				.10		
MARTINEZ 2 MI S	//														.01	.02	.13				.08	.02			.01		
MC CLOUD	//																								.06		
MORGAN HILL SCS																		*	*	*	*		.06		.06		
MOUNT LAGUNA	6																		.06						.03		
MOUNT MADONNA																									.01		
OAKLAND WB AP																.01				.01	.02				.14		
OROVILLE RS																									.02		
PALO ALTO																	.10	.04					.01	.01	.02		
REDWOOD VALLEY																									.02		
SACRAMENTO WB AP																									.10		
SALINAS AP	6																	*	*	*	*	*	.15		.10		
SAN BENITO																				*	*	*	*	.05	.05		
SAN FRANCISCO RICH SUNSET																									.03		
SAN FRANCISCO WB CITY																					.03				.01		
SAN JOSE																									.03		
SLACK CREEK																					.01				.01		
SODA SPRINGS	//																								.02		
S E FARALLON																									.03		
STAYTON MINE																									.06		
TIGER CREEK PH																									.04		
UPPER SAN LEANDRO FLTR																									.05		
UPPER TRES PINOS																.01	.03	.01							.03		
VALLETON																									*		
VENADO																								*	.04		
WALNUT CREEK 3 MI E																				.01	.02	.01			.27		
WATSONVILLE 3 MI SW																							.01		.03		
WHEATLAND 2 MI NE																	.03	.04	.20		.02	.02			.04		
WILLIAMS AP																											
-31st-																											
ALTURAS RS	//																				.01	.01			.01	.03	
ATLAS ROAD																										.02	
BIEBER																					.02	.01				.03	
BOULDER CREEK			.01	.01																						.02	
CLEARLAKE PARK																										.03	
CLOVERDALE 11 MI W	*	*	*		.01	.02		*	*	*	*		.35													.35	
COVLEO EEL RIVER RS						.01	.04		.10	.01															.19		
CRESCENT CITY MNTC STA														.01	.02										.08		
EUREKA WB CITY															.03	.03		.02							.11		
FLORENCE LAKE	//	*	*	*	*	*	*	*	*	.04				.01	.06	.03	.01								.04		
PORT BRAGG																									.07		
HAPPY CAMP RS																									.01		
HARRISON GULCH RS										.01	.01														.02		
HAT CREEK EXP STA																									.28		
HOOPA																			.28						.10		
HOPLAND 8 MI NE					.01	.08	.07		.03					.01	.02	.02									.28		
HYAMPOM										.01	.01			.08	.01		.04								.15		
INDEPENDENCE ONION VLY																									.09		
KLAMATH										.01	.01			.04	.03										.10		
KNEELAND 2																									.26		
KYBURG STRAWBERRY	//													.06	.12	.05	.02	.01							1.07		
LAKE MTN										.04	.04	.09		.03	.02	.12	.01	.01	.01	.01					.35		
LAKE PILLSBURY					.01	.01	.05		.06	.02															.15		
LAYTONVILLE					.01	.02	.02	.12	.05	.12	.06			.01	.01										.44		
MARLEEVILLE	//																								.03		
MIRANDA SPENGLER RCH	//									*	*	*	*	*		.28				.02	.01				.28		
MONTAGUE SISK CO AP	//						.01			.02															.03		
MOUNT SHASTA WB CITY	//									.01															.01		
MOUNT TAMALPAIS 2 MI SE		.01	.01	.03	.01	.01																			.07		
Petaluma 1 MI N				.01	.01	.01																			.03		
POINT ARENA		.01						.01		*	*	*	*		.07										.04		
POINT ARENA LIGHT STA	6																								.10		
PORTOLA 2	//															.05	.05								.21		
REDWOOD VALLEY																									.04		
SAINT HELENA 7 MI NE			.01	.03																					.02		
SAN FRANCISCO WB AP				.01	.01																				.03		
SAN FRANCISCO WB CITY				.01																					.16		
SEBASTOPOL TABOR FARM				*	*	*	*	*		.16															.04		
SODA SPRINGS	//	.01																.02							.17		
S E FARALLON		.01			.01	.01	.02	.07	.04	.01				.04											.04		
STOCKTON																									.04		
SUSANVILLE STATE RS																									.07		
TEE GETSERS					.01	.03	.01						.01		.01										.03		
TRINITY CENTER RS	//																								.02		
TRUCKEE RS	//																								.06		
TULSLAKE	//																								.01		
UPPER SAN LEANDRO FLTR			.01	*	*	*	*	*	*	*	*		.35												.35		
VENADO																									.01		
VOLLMERS							.01																		.01		
WATSONVILLE 3 MI SW																									.09		
WEAVERVILLE RS	//							.01	.03	.01						.01	.02								.66		
WESTWOOD HI SCHOOL	//																*	*							.02		
WILLIAMS AP			.02					.04	.03	.04	.03	.02	.07	.04											.28		
WILLITS HOWARD RS								.03	.04	.03	.02	.07	.04		.01										.34		
YORKVILLE					.02	.04		.01	.07	.05	.04	.07	.02			.02											

See reference notes following Station Index.

DAILY TEMPERATURES

CALIFORNIA
JULY 1949

Table 5

Station	Day of month																															Average	
	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		
ALTURAS RS	MAX 80	85	87	85	83	80	80	83	92	92	92	91	91	90	94	89	89	90	82	78	80	85	84	82	80	83	85	85	87	93	94	86.2	
ANACAPA ISLAND	MIN 37	39	39	40	39	40	39	42	47	49	48	52	54	55	58	58	57	57	58	59	58	57	58	57	58	56	57	56	56	59	61	55.4	
ANTIOCH 1 E	MAX 56	65	67	66	64	67	69	68	67	68	65	66	66	65	68	58	57	58	59	60	68	67	70	66	66	65	67	67	69	69	69	67.1	
ASE MTN	MIN 56	54	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56.8	
AUBERRY	MAX 96	92	85	84	85	88	95	98	98	93	92	87	93	88	95	98	101	95	94	95	99	98	98	98	98	98	98	98	98	98	98	98	98.9
AUBURN	MIN 49	56	49	48	47	49	49	48	52	56	50	52	51	51	51	51	55	54	52	51	53	50	53	56	49	49	50	54	50	50	50	51.3	
AVALON PLEASURE PIER	MAX 101	99	98	94	90	90	95	100	101	105	107	103	98	101	99	102	105	104	101	95	95	95	95	95	92	92	95	93	94	96	100	98	97.9
BACKUS RANCH	MIN 57	68	69	64	63	64	63	66	69	73	75	71	70	72	73	75	72	67	65	64	69	67	63	66	66	67	66	66	66	66	66	66	66.2
BAKERSFIELD WB AP	MAX 98	98	98	94	87	82	94	98	101	101	103	98	97	100	100	103	103	100	97	92	93	94	93	90	93	92	90	94	95	96	95	95	95.9
BARRETT DAM	MIN 58	63	60	55	53	55	54	60	63	60	63	61	62	63	60	62	63	62	60	55	57	56	57	55	56	58	58	58	58	58	58	58	58.6
BARSTOW	MAX 92	97	98	90	87	83	90	93	100	103	103	104	98	97	96	100	105	102	93	89	94	94	93	88	88	93	93	90	92	96	93	95.0	
BEAUMONT WB	MIN 60	63	57	50	48	50	56	63	67	59	67	64	61	64	62	65	65	58	55	60	60	56	49	56	60	53	57	59	64	65	59.1		
BEN LOMOND	MAX 72	69	69	68	67	68	67	68	67	65	68	71	69	69	74	73	72	69	74	73	72	69	69	69	69	69	69	69	69	69	69	69	69.5
BERKELEY	MIN 60	60	59	61	59	60	59	61	59	60	62	62	55	56	59	61	63	64	62	62	60	58	62	60	61	62	63	61	61	61	61	61	61.5
BIG BEAR LAKE DAM	MAX 95	97	100	98	96	93	96	96	100	103	103	103	99	102	106	107	107	103	98	99	94	94	91	89	93	90	93	90	93	95	95	95	95.7
BIG CREEK PH 1	MIN 55	59	67	61	61	65	63	56	68	70	68	71	74	80	79	71	68	66	62	61	57	58	58	63	66	66	66	66	69	67	65.5		
BISHOP WB AP	MAX 98	98	102	99	95	94	93	95	100	104	106	108	104	100	100	101	103	109	106	99	99	97	98	98	95	95	96	95	91	95	99	99.0	
BLUISH CANYON WB AP	MIN 62	71	69	63	62	58	60	63	69	71	72	72	72	68	68	73	72	70	63	64	65	66	67	63	66	67	66	66	68	73	67.2		
BOCA	MAX 90	91	94	93	89	89	87	88	89	90	89	87	95	95	97	96	100	97	95	94	96	95	95	92	92	90	88	88	88	88	88	88.9	
BONITA	MIN 81	84	83	82	79	75	71	73	78	84	85	82	83	84	86	84	84	86	83	82	81	81	79	80	78	73	74	77	74	77	79.4		
BORRGO VALLEY	MAX 85	82	82	76	75	74	78	84	87	90	90	84	84	86	86	87	89	87	89	79	79	80	79	77	78	79	76	79	78	85	82.6		
BOWMAN DAM	MIN 57	62	60	58	54	51	50	59	62	63	65	67	64	61	64	64	65	65	59	57	57	56	57	56	56	55	58	57	59	64	59.5		
BRAWLEY	MAX 99	86	97	95	94	93	98	100	100	100	98	100	104	106	107	100	98	100	104	100	98	98	98	97	97	97	97	97	97	97	97	97	98.0
BRIDGEPORT DAM	MIN 50	52	51	48	48	48	49	52	55	56	59	57	53	56	59	56	54	52	54	54	55	58	52	57	51	54	54	54	54	54	54	54.1	
BROOKS FARNHAM RCH	MAX 77	83	83	80	78	75	78	85	88	88	90	88	88	89	92	83	89	88	80	74	82	81	81	77	76	82	82	85	87	88	90	83.5	
BURBANK WB AP	MIN 31	32	37	28	28	28	30	35	37	39	39	41	38	42	40	36	39	35	28	30	33	35	30	36	30	36	30	38	43	44	54	35.8	
BURLINGAME	MAX 53	63	59	61	59	59	52	58	51	55	62	59	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54.1	
BURNBY	MIN 50	52	51	48	48	48	49	52	55	56	59	57	53	56	59	56	54	52	54	54	55	58	52	57	51	54	54	54	54	54	54	54.1	
BUTTONWILLOW	MAX 106	107	109	108	107	107	107	108	114	112	107	109	114	117	112	112	110	105	110	109	108	107	106	108	108	108	108	108	108	108	108	108	108.4
CALAVERAS BIG TREES	MIN 78	81	80	79	75	72	68	69	74	80	80	75	79	77	81	81	84	81	80	80	78	78	74	74	74	74	74	74	74	74	74	74.1	
CAMP PARDEE	MAX 81	84	83	82	79	75	71	73	78	84	85	82	83	84	86	84	84	86	83	82	81	81	79	80	78	73	75	73	74	82	80.2		
CANOGA PARK PIERCE COL	MIN 77	83	83	80	78	75	78	85	88	88	90	88	88	89	92	83	89	88	80	74	82	81	81	77	76	82	82	85	87	88	90	83.5	
CANYON DAM	MAX 38	42	42	46	38	28	39	41	43	45	48	48	45	49	47	44	56	45	39	39	37	45	40	42	40	42	40	42	44	44	44	44.1	
CLAREMONT POMONA COL	MIN 90	93	93	87	85	84	87	91	97	98	97	96	98	97	98	101	102	100	95	93	90	93	89	89	91	92	90	91	93	94	93	93.1	
CLARKSBURG	MAX 50	52	51	48	48	48	49	52	55	56	59	57	53	56	59	56	54	52	54	54	55	58	52	57	51	54	54	54	54	54	54	54.1	
CLARKSVILLE	MIN 85	85	85	85	83	82	80	86	88	89	90	88	88	89	90	88	86	86	84	84	80	82	82	82	82	82	82	82	82	82	82	82.1	
CLARVILLE	MAX 48	52	53	52	52	42	44	53	55	56	58	57	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56.1	
COACHELLA INDI0 CAA	MIN 94	100	99	90	82	87	90	95	100	103	105	105	97	98	99	100	105	104	93	90	95	94	93	90	94	94	94	94	94	94	94	94.1	
COALINGA	MAX 92	100	93	89	85	84	90	89	90	93	96	93	93	94	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95.1	
COLEVILLE	MIN 49	52	51	48	48	48	49	52	55	56	59	57	53	56	59	56	54	52	54	54	55	58	52	57	51	54	54	54	54	54	54	54.1	
COLFAX	MAX 86	93	95	85	77	80	82	91	96	92	98	100	103	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102.1	
COLUSA HIGH SCHOOL	MIN 55	58	52	49	49	50	49	54	58	56	60	62	61	60	59	60	61	64	54	51	55	57	54	53	54	55	54	54	54	54	54	54.1	
CORCORAN IRRIG DIST	MAX 88	93	95	85	77	80	82	91	96	92	98	100	103	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102.1	
CORONA	MIN 104	104	110	109	106	105	108	113	110	107	108	115	117	114	109	110	108	105	111	108	106	108	108	106	105	104	105	104	103	102	100	107.6	
COVELO	MAX 71	82	83	84	77	74	68	71	74	78	71	74	85	84	84	78	78	80	82	85	72	66	70	75	78	69	68	71	78	74	75.9		
COW CREEK	MIN 60	73	65	60	59	58	60	62	66	66	68	66	67	66	66	68	70	69	62	60	62	63	62	62	62	62	62	62	62	62	62	62.1	
CRESCENT CITY	MAX 95	95	92	86	85	86	88	88	89	89	85	88	92	93	95	99	94	93	91	92	92	91	89	87	86	86	86	86	86	86	86	86.1	
CULVER CITY	MIN 55	60	57	50	55	48	48	51	51	51	57	56	54	53	54	56	58	57	56	54	54	54</											

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Station	Day of month																															Average
	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	
CUYAMA	MAX 93	96	98	95	92	89	87	92	96	99	101	102	99	96	98	99	101	104	101	95	95	94	95	94	90	90	92	89	94	92	95	95.3
CUYAMACA	MIN 48	48	55	50	48	47	49	49	52	51	59	51	56	57	56	58	57	57	51	47	49	49	50	50	40	46	40	46	44	46	51.4	
DAOGETT AP	MAX 82	84	81	80	79	82	83	86	89	89	88	86	84	86	85	94	91	89	85	83	82	85	80	79	77	78	78	81	84	85	84	84.2
DAVIS AGR COLLEGE	MIN 50	46	56	52	42	40	42	39	50	51	48	59	61	59	60	68	65	64	62	59	56	53	59	53	55	46	45	47	52	49	53.1	
DEEP SPRINGS SCHOOL	MAX 102	98	102	101	100	99	101	104	105	107	108	105	107	110	112	112	110	109	107	104	102	104	102	100	100	100	101	102	103	104	104.0	
DEER CREEK PH	MIN 65	71	72	69	65	62	61	65	72	73	74	71	73	74	76	72	79	77	75	74	69	66	67	69	69	65	66	66	63	71	73	69.9
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55	50	54	53	55	58	50	56	52	53	55	56	61	53.7
DEER CREEK PH	MAX 92	98	98	86	83	81	90	94	101	102	102	104	99	97	97	98	103	103	95	82	95	89	89	88	94	89	87	90	96	96	96	93.8
DEER CREEK PH	MIN 51	55	51	50	51	48	49	56	56	52	56	57	55	55	51	54	58	53	55													

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Station	Day of month																															Average	
	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		
IMPERIAL	MAX 102	104	109	108	105	105	101	105	109	108	105	107	112	115	111	111	109	106	105	109	106	105	106	106	106	105	103	102	102	102	105	106.3	
INDEPENDENCE	MIN 75	80	80	80	72	71	67	69	73	78	74	72	74	78	80	78	78	81	82	79	78	77	75	75	74	69	66	71	72	79	75	75.2	
INDIO US DATE GARDEN	MAX 99	104	102	109	109	106	105	102	104	110	108	102	107	113	113	109	107	104	104	110	108	104	102	102	107	105	104	102	107	105	100	105.3	
INYO KERN	MIN 67	81	83	76	74	72	74	77	73	68	71	84	87	88	73	75	73	75	79	74	68	66	66	66	66	58	61	60	56	61	99	100	74.6
IRON MTN	MAX 104	112	102	99	100	97	98	100	105	105	105	110	106	110	111	112	110	107	104	104	105	105	100	99	100	108	100	101	110	112	104.5		
MIN 61	72	59	62	58	55	60	62	67	71	73	77	72	77	76	65	75	79	74	68	59	61	68	64	62	64	65	66	64	65	64	65	66.3	
MAX 103	105	101	107	108	105	105	105	107	111	110	106	108	112	115	113	114	109	103	108	106	106	106	106	106	106	105	104	103	103	105	104	107.0	
MIN 80	84	82	84	79	76	74	74	81	85	82	84	86	93	90	85	86	89	87	86	82	80	82	80	80	82	80	85	83	77	78	83	84	82.1
JESS VALLEY	MAX 79	81	78	76	76	80	85	86	86	85	84	84	80	84	83	83	81	72	75	78	77	73	74	75	78	79	82	86	87	87	80.6		
MIN 40	42	44	41	40	39	40	43	48	48	49	49	49	50	49	45	45	40	42	38	42	43	44	46	40	46	45	48	48	50	56	45.2		
KENTFIELD	MAX 87	91	83	78	80	80	83	88	89	89	89	83	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	83.3	
MIN 43	43	48	43	44	43	44	46	46	46	46	46	46	46	46	45	45	48	45	45	46	45	46	45	46	45	45	47	49	50	53	57	59.5	
KERN RIVER PH 1	MAX 96	101	99	95	98	92	94	100	102	106	107	102	99	101	99	105	108	105	100	98	97	98	97	94	94	95	95	96	93	97	96.2		
MIN 72	76	74	71	69	69	68	73	75	78	81	79	76	77	75	79	80	75	72	70	72	70	72	70	72	70	72	71	72	75	75	77	78.7	
KERN RIVER PH 3	MAX 100	97	99	95	92	92	97	100	102	104	103	103	104	103	104	104	104	102	98	98	95	98	97	92	92	90	94	98	95	102	99	98.3	
MIN 64	68	63	60	57	52	57	65	67	69	70	65	64	64	62	60	64	59	57	53	62	64	55	55	58	58	55	58	53	55	60	61.6		
KETTLEMAN STA	MAX 89	102	96	93	91	92	95	101	104	105	106	103	100	102	102	105	108	102	98	95	95	98	95	92	94	95	94	95	95	93	95	98.1	
MIN 66	68	63	59	59	60	64	65	73	74	72	70	71	70	70	74	72	66	63	65	68	70	66	65	66	66	64	64	65	70	70	67.0		
KING CITY AP	MAX 87	90	89	84	85	82	82	80	88	89	87	86	83	89	93	96	87	87	82	85	79	89	83	79	80	79	77	78	80	86	79	84.8	
MIN 46	43	43	42	42	46	47	46	47	46	47	46	47	50	50	52	51	54	53	46	49	52	51	53	54	55	51	52	51	54	53	49.3		
LAGUNA BEACH	MAX 73	73	73	71	71	71	71	71	71	71	71	71	75	72	73	74	73	74	75	74	73	73	73	73	73	73	73	73	73	73	73	73.0	
MIN 58	61	59	58	59	59	57	59	60	62	63	62	63	65	67	57	58	60	63	64	62	69	63	59	61	59	62	60	61	59	55	57.5		
LAKE ARROWHEAD	MAX 81	82	79	79	79	76	71	81	78	85	88	84	83	84	93	90	89	87	84	81	79	80	77	76	73	75	78	79	83	81	81.2		
MIN 60	56	55	56	55	45	45	46	56	49	52	57	58	57	54	56	59	58	65	62	60	59	58	60	57	52	49	51	48	58	61	57.3		
LAKE CITY	MAX 82	86	89	80	86	82	81	84	94	93	82	96	91	93	97	92	93	90	85	79	86	83	84	76	83	86	85	87	94	96	87.0		
MIN 47	53	55	49	51	47	48	54	58	61	60	54	60	60	67	57	59	52	42	44	45	47	55	55	52	48	54	49	52	61	60	53.6		
LAKE ELEANOR	MAX 87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83.0	
MIN 51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51.0	
LAKEPORT	MAX 91	91	89	86	83	86	89	96	98	98	98	94	98	96	96	101	98	87	85	90	92	92	83	86	90	91	91	91	93	87	91.5		
MIN 46	49	45	44	41	41	47	50	53	46	56	55	50	51	44	52	50	54	50	59	51	52	52	49	49	49	51	51	55	52	61	60	50.3	
LAKESHORE	MAX 94	96	90	89	85	90	97	102	103	105	104	101	104	100	98	103	102	96	94	96	94	90	90	97	94	98	96	103	104	93	96.7		
MIN 48	50	52	49	51	51	52	52	56	62	60	58	58	54	59	57	56	57	52	54	54	50	51	56	56	56	56	56	56	56	56	56	56.5	
LAKE SPAULDING	MAX 89	81	77	75	71	73	76	82	84	84	85	84	83	83	83	85	85	78	72	78	77	77	74	73	76	78	78	81	83	81	79.3		
MIN 38	47	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45.0	
LA MESA	MAX 79	83	81	80	75	77	74	80	77	74	80	77	74	80	77	74	80	77	74	80	77	74	80	77	74	80	77	74	80	77	74	79.0	
MIN 56	60	62	61	57	59	53	56	55	57	61	59	52	56	58	60	60	61	62	60	61	62	61	61	61	61	61	61	61	61	61	61	61.0	
LANCASTER	MAX 99	99	96	93	91	96	102	104	105	105	105	102	108	105	106	104	101	97	92	92	92	92	92	92	92	92	92	92	92	92	92	92.0	
MIN 52	72	66	66	68	58	54	52	64	63	66	66	66	68	68	74	72	72	70	67	64	62	62	62	62	62	62	62	62	62	62	62	62.0	
LAS PLUMAS	MAX 97	100	96	91	87	90	95	101	101	101	105	100	99	100	104	105	102	94	96	95	92	92	90	94	96	93	93	96	99	93	96.7		
MIN 72	68	66	67	58	64	68	73	71	78	75	70	73	74	74	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75.0	
LE GRAND	MAX 101	100	97	95	93	95	95	100	103	108	108	109	103	101	104	102	108	110	101	100	98	100	100	98	95	97	101	102	100	103	100.9		
MIN 63	62	58	51	50	47	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45.0	
LEMON COVE	MAX 97	101	102	98	94	94	94	99	105	109	109	104	101	104	103	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106.0	
MIN 63	76	60	62	57	54	59	63	64	67	70	60	67	65	65	66	70	60	58	60	60	58	60	60	60	60	60	60	60	60	60	60	60.0	
LINDSAY	MAX 96	102	103	99	95	93	93	98	104	107	108	104	100	103	103	105	108	109	105	99	98	98	98	98	98	98	98	98	98	98	98	98	98.0
MIN 54	59	62	63	60	61	60	62	60	61	63	63	62	60	62	62	64	63	64	62	61	62	62	62	62	62	62	62	62	62	62	62	62.0	
LIVERMORE	MAX 92	98	98	95	94	90	73	85	94	101	100	99	99	99	91	94	96	101	102	88	84	93	91	87	84	82	82	88	84	85	92	90	91.5
MIN 47	53	52	51	47	45	46	51	55	50	52	53	51	52	53	51	50	49	48	51	51	51	51	51	51	51	51	51	51	51	51	51	51.0	
LLANO SHAWNEE HILLS RCH	MAX 96	97	98	94	9																												

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Station	Day of month																															Average
	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	
NEVADA CITY	MAX 85	90	92	88	85	82	85	82	94	95	96	98	93	93	94	95	98	99	90	85	89	90	89	87	85	87	90	87	87	82	90	90.1
MIN	44	46	48	45	42	40	42	47	49	51	51	52	51	51	52	52	50	50	50	42	44	45	49	48	45	47	49	49	50	50	48.2	
NEWARK	MAX 75	76	80	82	85	86	86	80	84	83	84	84	78	75	71	75	85	88	73	70	78	75	72	73	75	77	76	74	73	74	75.8	
MIN	61	60	59	59	55	56	63	64	64	65	62	62	58	57	57	65	62	60	61	60	57	58	62	62	60	58	58	59	60	60.2		
NEWALL AP	MAX 92	96	93	86	86	85	91	92	92	98	90	88	95	98	101	95	92	91	90	89	90	88	88	86	83	83	84	89	86	94	90.5	
MIN	47	57	53	47	48	48	46	44	48	48	51	53	53	52	54	54	56	54	54	50	48	48	47	49	50	49	47	48	53	50.6		
NEWMAN	MAX 102	103	102	100	97	94	100	102	105	104	103	99	100	100	104	110	100	96	102	99	98	95	93	95	99	97	95	100	98	96	99.7	
MIN	58	63	62	57	55	49	52	60	63	60	61	59	56	61	59	63	65	56	52	50	59	55	56	54	57	55	55	59	62	57.5		
NEWPORT BEACH	MAX 70	75	74	72	72	73	71	74	70	72	73	70	71	70	73	75	72	75	76	82	74	70	75	81	74	72	74	70	71	70	73.4	
MIN	60	64	62	64	62	64	61	61	60	62	61	62	60	59	59	62	66	64	65	65	64	60	64	65	60	62	62	60	61	62.1		
NORTH FORK RS	MAX 90	96	96	93	89	87	95	91	96	90	102	103	99	98	99	100	102	97	96	92	93	93	92	92	92	91	92	97	100	95	95.1	
MIN	52	51	52	52	50	46	45	50	54	60	59	57	56	61	60	58	60	62	54	51	52	52	52	55	59	55	57	59	53	54.5		
NORTH HOLLYWOOD	MAX 88	96	88	83	82	84	85	86	89	89	82	85	91	92	93	99	92	90	88	88	89	84	87	84	80	81	82	81	82	80	87.1	
MIN	51	60	58	52	56	50	48	49	53	55	50	58	53	54	57	56	57	60	61	61	54	53	52	56	57	56	55	55	59	55.3		
OAKDALE WOODWARD DAM	MAX 96	101	98	88	87	85	90	96	100	101	105	103	94	95	96	98	103	106	95	92	85	87	95	91	93	99	90	99	91	95	93.3	
MIN	58	62	52	49	50	48	51	60	64	58	65	59	62	62	69	63	66	55	55	52	59	55	57	54	57	55	56	60	65	57.2		
OAKLAND FIN CENTER BLDG	MAX 71	71	70	70	70	68	77	79	79	74	66	68	68	72	80	80	69	77	73	73	70	67	65	63	61	68	70	68	70	71	71.8	
MIN	54	53	50	50	51	52	54	52	51	51	52	51	52	52	52	50	54	52	56	54	51	51	51	53	54	52	56	52	52	52.5		
OAKLAND WB AP	MAX 89	87	61	62	64	68	77	82	68	77	73	70	68	72	86	74	70	67	73	71	66	68	75	74	71	72	74	71	72	74	71.9	
MIN	49	53	53	53	53	53	53	53	54	55	54	55	56	53	53	54	56	57	55	55	53	57	57	56	57	56	58	58	59	54.7		
OCEANSIDE CAA STA	MAX 72	73	72	71	72	73	72	73	72	70	72	72	73	72	73	74	73	74	75	75	73	73	74	74	73	72	73	73	73	74	72.7	
MIN	57	58	63	62	56	55	52	57	59	62	63	58	60	58	58	58	59	62	62	61	60	63	64	65	62	62	65	63	62	59	60.4	
OJAI	MAX 93	96	95	88	84	84	90	91	90	94	89	85	93	93	97	102	94	93	90	89	87	88	86	85	80	80	81	82	94	89	84	89.4
MIN	48	56	55	50	50	49	49	53	52	55	55	55	54	51	55	58	56	56	57	53	50	49	51	53	51	49	50	53	60	52.8		
OPIDS CAMP FC 57B	MAX 89	93	90	89	89	86	94	95	96	100	98	92	94	103	102	101	102	98	96	95	89	90	89	84	88	92	87	93	94	93	92	92.6
MIN	63	68	66	61	57	55	58	63	68	67	69	66	65	71	68	73	69	67	62	61	58	58	59	58	54	58	59	64	68	68	68.6	
ORANGE COVE	MAX 100	101	100	92	92	96	102	104	106	106	103	98	103	102	104	107	102	98	94	96	97	95	89	94	96	94	94	96	98	98	98.5	
MIN	56	63	61	56	53	52	58	64	64	64	64	64	64	64	63	66	67	68	66	64	59	58	57	56	58	57	60	62	65	65	65.8	
ORICK PRAIRIE CR PARK	MAX 69	67	65	62	61	63	68	69	68	67	68	71	68	60	64	69	68	68	69	74	71	69	68	69	70	71	73	70	63	66	67.6	
MIN	38	40	39	32	32	34	44	42	43	42	49	48	45	50	44	44	44	45	43	44	43	45	42	40	39	39	45	47	52	44.7		
ORINDA BOWMAN	MAX 92	85	64	64	69	75	85	95	90	93	84	76	78	80	86	98	88	84	69	87	82	62	69	72	86	80	70	70	78	75	78.5	
MIN	46	49	49	49	49	48	48	51	55	50	55	49	52	52	48	51	61	52	50	49	49	60	53	54	52	53	51	54	53	57	51.6	
ORLAND	MAX 95	97	95	82	82	90	89	97	98	102	105	103	98	99	105	99	98	96	95	92	91	98	96	95	92	92	97	99	94	96	96.3	
MIN	54	55	53	54	54	53	56	57	61	60	63	59	58	61	55	59	61	57	53	55	56	58	58	57	51	56	59	59	73	57	58.8	
ORLEANS	MAX 96	89	83	76	84	92	95	94	95	100	103	103	105	103	102	101	102	98	94	96	97	95	83	94	95	93	102	102	89	93	93.2	
MIN	46	47	44	45	48	45	50	54	54	53	54	55	55	54	54	49	51	50	51	52	58	47	49	52	51	53	50	53	59	51.7		
OROVILLE 1 N	MAX 96	100	101	95	90	88	93	97	104	105	107	108	102	100	100	104	108	106	100	93	99	100	97	96	93	98	95	97	102	99	99.1	
MIN	59	63	52	49	51	49	55	63	66	60	65	61	60	59	55	58	56	57	57	56	55	54	58	53	58	55	56	64	57	71	57.8	
OROVILLE 7 SE	MAX 92	98	99	89	87	84	90	95	101	102	103	106	99	98	98	100	104	104	95	89	95	95	94	91	90	95	92	93	98	98	95.8	
MIN	57	61	55	55	51	49	53	64	65	61	65	63	60	60	58	59	64	61	60	51	57	56	59	58	55	59	54	58	58	55	57.9	
OXNARD	MAX 71	69	71	72	71	72	72	70	68	70	68	70	70	71	73	72	74	73	74	72	70	72	71	73	74	70	70	70	69	69	71.1	
MIN	48	47	48	50	50	50	54	56	56	62	60	64	64	64	60	53	54	60	56	45	58	54	52	53	60	58	66	64	54	53	53.9	
PALMDALE	MAX 59	74	70	68	61	57	55	56	62	65	66	67	68	67	67	67	71	76	77	83	65	60	61	62	65	66	62	59	100	94	64.7	
MIN	37	37	35	35	32	32	36	102	103	103	99	100	106	104	105	102	99	95	95	91	94	93	91	91	91	94	95	95	98	96	64.7	
PALMDALE AP	MAX 99	75	71	61	59	55	50	52	61	60	64	66	68	63	64	65	71	75	71	63	65	63	61	64	62	61	62	58	55	64	63.2	
PALM SPRINGS	MAX 102	101	107	107	105	104	105	107	112	110	105	108	110	115	113	110	112	108	105	110	108	106	105	102	103	101	102	102	105	106	106.5	
MIN	68	69	73	77	69	68	66	70	68	76	76	76	76	80	81	83	84	82	79	75	72	75	74	68	69	67	65	70	77	73	73.8	
PALO ALTO	MAX 77	85	75	68	69	68	76	78	85	78	75	73	71	70	73	78	75	79	74	83	73	79	75	73	76	80	78	74	75	70	75.8	
MIN	47	51	53	46	47	46	49	52	52	56	52	56	57	55	52	54	54	53	49	50	54	52	52	54	48	52	54	57	58	52	54.4	
PALOMAR MTN OBSV	MAX 82	80	77	77	75	79	80	82	84	88	89	85	81	90	90	90	89	87	84	81	80	81	82	80	77	77	76	79	84	88		

Table 5-Continued

DAILY TEMPERATURES

CALIFORNIA
JULY 1949

Station	Day of month																															Elev ft		
	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			
SAIN'T MARTY'S COLLEGE	MAX 91	80	61	60	62	73	84	94	85	89	82	84	78	79	82	95	87	72	67	85	76	70	65	68	79	72	72	73	79	76	80	77.4		
BALINAS AP	MAX 56	48	49	48	49	50	49	54	51	57	51	52	50	50	54	61	53	52	52	52	53	53	53	53	54	52	54	54	54	56	52.4			
SALT SPRINGS PH	MAX 88	87	87	82	81	81	84	90	92	91	92	92	92	94	85	94	94	90	84	84	85	86	84	82	84	85	84	85	89	88	87.7			
SAN ANTONIO CN MOUTH	MAX 90	91	88	84	85	82	87	89	90	94	85	87	89	91	96	98	95	88	87	87	89	88	87	88	87	89	87	84	82	81	81	87	86.3	
SAN BERNARDINO FIRE 5	MAX 95	98	93	89	88	88	92	92	94	95	90	94	97	102	103	100	97	93	93	93	94	92	91	88	86	86	87	90	92	96	92.8			
SANBERG WB	MAX 86	87	85	82	80	80	83	88	88	92	89	86	89	90	89	92	91	88	84	85	79	82	81	80	81	79	78	80	86	84	86	84.9		
SAN DIEGO WB AP	MAX 64	66	63	59	59	56	57	64	63	67	64	63	70	76	75	77	76	65	64	60	58	58	58	58	56	57	55	55	60	63	62.0			
SAN FERNANDO	MAX 60	64	65	63	61	61	59	60	60	62	63	64	63	62	63	64	64	65	64	64	65	65	65	64	64	65	66	64	64	64	63.3			
SAN FRANCISCO WB AP	MAX 89	96	90	84	84	83	86	87	87	92	83	85	92	91	93	100	91	91	89	88	87	88	87	88	87	88	87	87	84	82	81	81	87	86.2
SAN FRANCISCO WB CITY	MAX 46	49	51	51	51	49	50	52	48	46	48	53	51	49	49	53	50	52	49	49	53	54	54	52	50	56	55	54	56	51.2				
SAN GABRIEL FIRE DEPT	MAX 85	93	87	86	83	84	85	85	84	85	83	85	87	89	91	96	91	89	89	88	88	89	87	88	86	82	82	82	82	88	86.7			
SAN JACINTO	MAX 98	99	98	92	92	95	98	101	102	94	93	99	101	105	107	101	99	96	98	98	98	97	95	99	90	91	93	94	98	100	96.9			
SAN JOSE	MAX 59	57	56	54	48	45	47	50	49	54	56	53	53	56	58	59	59	58	56	52	46	49	48	48	49	53	55	59	56	52.7				
SAN LUIS OBISPO POLY	MAX 89	83	69	68	69	76	83	89	82	85	83	80	79	78	80	92	81	75	85	86	80	76	74	84	84	77	78	81	76	82	80.3			
SAN PEDRO	MAX 50	53	55	53	51	48	49	53	56	51	52	54	56	54	55	58	54	51	52	53	53	54	58	51	53	55	56	54	58	60	53.7			
SAN RAFAEL	MAX 76	80	75	68	72	71	72	74	75	75	72	75	75	75	78	78	79	78	75	76	76	70	73	75	76	72	72	75	75	74	75	74.5		
SANTA ANA	MAX 48	50	48	50	48	50	48	50	50	50	50	50	48	51	50	49	49	51	50	50	49	51	52	52	54	53	54	53	58	58	50.4			
SANTA ANA RIVER PH 1	MAX 87	84	78	79	79	80	79	80	81	79	82	86	84	85	91	84	83	83	84	84	85	86	84	81	82	82	82	81	88	82.9				
SANTA BARBARA	MAX 92	84	83	81	88	88	91	93	92	98	95	92	92	97	100	103	103	99	96	94	92	92	90	89	85	85	85	90	91	92	92.7			
SANTA BARBARA AP	MAX 76	78	77	73	73	72	75	71	69	72	72	71	72	72	71	73	71	65	64	61	60	57	58	55	55	51	51	56	54	59	58.8			
SANTA CATALINA WB AP	MAX 64	56	54	53	52	59	52	56	55	56	57	60	56	55	56	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58.8		
SANTA CLARA UNIVERSITY	MAX 79	84	79	74	67	69	74	73	71	74	71	73	80	79	82	86	83	80	80	80	74	75	73	71	69	68	63	66	69	68	76	74.5		
SANTA CRUZ	MAX 61	66	63	52	53	51	53	53	50	52	55	55	62	62	64	67	66	67	66	67	66	67	66	67	66	67	66	67	66	67	66	66.2		
SANTA MARIA	MAX 43	44	49	45	46	42	43	47	47	51	49	52	54	52	49	50	50	53	43	44	44	46	48	48	48	48	48	48	48	48	48	48.8		
SANTA MONICA PIER	MAX 75	78	77	76	74	74	76	72	72	74	73	70	72	73	75	72	72	77	77	78	78	77	76	77	76	76	76	76	76	76	76	74.9		
SANTA PAULA	MAX 50	60	60	60	60	58	58	56	57	60	62	63	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60.0		
SANTA ROSA	MAX 46	53	52	47	47	48	48	55	56	56	60	60	49	52	48	49	50	48	45	46	45	46	45	46	45	46	44	44	44	44	44	44.9		
SADGUS POWER PLANT 1	MAX 44	46	48	43	42	42	44	46	46	47	48	50	52	48	49	50	48	51	44	45	46	45	46	44	44	44	44	44	44	44	44.9			
SCOTIA	MAX 69	68	60	61	60	65	71	78	64	67	66	66	66	66	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67.3			
SEVEN OAKS	MAX 83	80	80	79	77	76	81	82	85	88	80	83	83	89	89	90	88	86	83	81	80	81	80	79	75	78	78	80	84	80	82	81.9		
SHASTA DAM	MAX 49	48	49	44	38	32	37	43	43	47	48	48	49	51	52	50	52	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50.0		
SIERRA CITY	MAX 62	64	63	63	62	62	67	68	71	75	76	73	72	72	68	72	75	71	66	68	67	68	64	64	63	62	68	69	70	75	67.9			
SIERRA MADRE HENSZEY	MAX 80	84	82	86	85	83	86	87	87	88	85	88	91	92	94	100	95	90	92	92	94	92	92	91	91	90	86	84	85	84	80	77	84	87.6
SIERRAVILLE RS	MAX 32	32	33	32	32	37	44	43	46	45	46	45	48	45	45	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43.9		
SILVER LAKE AP	MAX 110	102	108	108	106	106	105	110	113	114	112	111	115	119	120	120	118	116	112	112	109	109	109	106	105	107	106	107	110	109	109	110.4		
SNOW LAB CEN SIERRA	MAX 74	77	74	72	69	67	74	71	74	78	82	84	85	83	89	86	87	83	79	76	73	68	72	75	75	74	72	73	80	75	73.3			
SODA SPRINGS	MAX 37	41	44	34	33	34	35	41	42	45	47	46	48	46	46	44	46	48	34	40	37	41	41	41	41	41	41	41	41	41	41	41.6		
SONORA	MAX 39	41	38	40	33	32	35	43	41	45	47	47	46	47	43	45	44	46	48	33	40	37	42	36	35	42	38	42	44	45	44.5			
SO ENTRANCE YOSEMITE NP	MAX 90	96	96	98	84	87	91	101	102	102	98	99	100	100	100	100	103	100	93	92	90	93	92	89	89	90	91	94	94	94	94	94.2		
SPRINGVILLE TULE HD DAM	MAX 86	87	84	80	78	77	82	87	88	92	92	91	87	88	90	91	89	85	83	81	83	82	82	80	80	83	80	83	82	84	84	84.7		
SQUIRREL INN 2	MAX 82	81	78	79	74	72	80	79	85	86	82	82	83	90	91	89	87	84	80	79	80	77	76	72	78	78	79	83	81	81	80.8			
STEELE SWAMP	MAX 83	83	81	81	79	78	83	92	93	92	91	91	92	95	93	89	91	89	80	79	86	82	80	78	81	82	83	86	91	90	94	86.1		
STOCKTON AP	MAX 83	87	89	88	83	80	89	93	100	100	99	99	99	92	94	96	101	103	95	95	92	93	90	87	87	91	91	86	87	92	89	91.2		
STOCKTON FIRE STA 4	MAX 97	95	88	83	80	89	93	100	100	99	99	99	99	92	94	96	101	103	95	95	92	93	90	87	87	91	91	86	87	92	89	91.9		
STONY GORGE RESERVOIR	MAX 95	97	89	89	84	90	95	102	101	102	104	100	103	99	98	104	103	94	89	96	94	93	90	89	96	94	95	93	99	101	91	95.8		
STRAWBERRY VALLEY	MAX 84	86	76	78	79	79	82	86	90	92	92	91	94	89	88	92	92	86	86	84	82	84	85	83	84	85	88	84	85	85	85.5			
SUNLAND TUJUNGA	MAX 48	50	51	50	48	46	50	54	52	57	56	58	57	55	55	57	56	49	49	49	49	49	49	49	49	49	49	49	49	49	49	51.7		
SUNANVILLE AP	MAX 55	62	58	51	47	48	49	52	55	55	56	53	57	60	59	62	61	60	60	59	59	59	59	59	59	59	59	59	59	59	59	59.5		
TABLE MTN	MAX 75	74	78	74	73	72	76	79	79	70	77	79	84	83	80	78	78	73	73	7														

DAILY TEMPERATURES

CALIFORNIA
JULY 1949

Table S-Continued

Station	Day of month																															Average		
	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			
TIGER CREEK PH	MAX	92	96	92	86	84	83	88	94	100	98	99	98	94	96	97	99	99	97	90	88	89	89	85	88	90	89	88	92	92	93	92.1		
	MIN	50	42	55	48	48	47	50	53	55	57	59	60	58	59	59	59	58	57	50	48	52	53	52	52	53	53	56	54	59	63	53.9		
TORRANCE	MAX	75	76	74	77	77	76	73	73	70	74	75	72	70	75	80	81	81	80	82	80	77	79	78	76	72	75	76	69	76	58.9			
	MIN	55	55	58	56	59	57	58	57	58	57	57	62	63	59	58	59	59	63	62	62	59	58	58	61	59	60	60	60	60	57	60	58.9	
TRONA	MAX	102	108	104	105	102	101	102	106	108	109	108	110	110	115	114	114	113	110	107	104	106	104	103	104	103	104	103	104	107	105	106.4		
	MIN	65	71	73	73	67	63	64	67	69	69	77	77	80	76	77	79	80	83	76	66	68	66	72	68	68	66	65	69	73	76	71.3		
TRUCKEE RS.	MAX	73	83	83	80	80	75	77	85	87	89	87	87	89	81	88	80	88	87	85	82	81	82	77	75	82	86	87	87	87	83.9			
	MIN	34	41	44	38	32	33	33	40	41	43	44	47	43	43	45	45	42	54	44	40	33	36	37	43	33	40	33	42	55	40.6			
TULELAKE 4 SW	MAX	82	86	83	82	77	77	81	90	91	92	91	90	91	92	89	85	87	80	72	77	83	81	79	76	81	81	82	84	91	94	85.4		
	MIN	46	49	48	50	48	49	53	55	56	57	62	59	57	56	55	57	51	59	48	40	43	48	49	48	47	46	49	53	59	52	52.0		
TURNABLE CREEK	MAX	87	91	94	90	89	84	88	92	98	99	103	104	100	100	97	96	100	95	91	86	90	93	98	86	87	92	93	94	95	97	100	93.8	
	MIN	60	64	61	56	60	61	63	64	62	72	73	74	72	76	72	68	75	76	64	64	64	64	64	63	63	65	75	73	71	73	67.4		
TUSTIN IRVINE RANCH	MAX	82	87	84	78	78	79	80	79	80	80	79	81	85	83	84	90	84	83	83	84	84	83	83	83	80	81	81	80	81	86	82.1		
	MIN	53	61	57	57	60	56	58	57	60	61	63	64	64	64	64	60	59	64	57	60	60	54	59	59	67	62	58	61	59	54	58	58.3	
TWENTY NINE PALMS	MAX	100	104	97	105	103	102	101	100	102	107	107	104	101	109	111	115	113	111	108	107	106	105	104	105	105	102	104	103	104	102	103	104.8	
	MIN	70	75	77	72	66	65	65	68	73	73	78	77	77	78	77	78	80	77	80	81	75	73	65	72	68	68	67	66	70	76	75	72.6	
TWIN LAKES	MAX	74	72	74	76	74	72	76	72	78	80	76	78	78	80	74	76	74	72	64	68	70	68	70	68	70	64	66	64	68	72	76	72.6	
	MIN	36	46	44	40	42	40	42	44	46	40	40	40	42	40	42	38	36	48	30	40	34	30	36	44	30	36	34	36	38	38	39.8		
UKIAH	MAX	97	97	91	85	81	84	94	99	101	102	101	91	99	98	98	104	103	92	82	96	93	81	79	76	81	81	82	84	91	94	85	93.0	
	MIN	49	49	49	52	50	48	51	49	57	59	59	56	52	54	50	55	56	52	49	50	54	52	56	56	52	57	52	53	51	52	51	52	53.0
U C L A	MAX	74	79	75	72	72	70	70	68	73	70	72	73	74	72	73	76	82	77	77	76	72	74	76	75	74	76	71	71	70	76	73.5		
	MIN	57	60	59	58	59	57	57	56	57	57	60	61	57	57	60	60	61	61	62	62	59	57	57	59	60	59	58	57	57	61	58.7		
UPLAND	MAX	90	94	88	84	82	83	86	86	87	90	86	86	90	90	93	97	94	91	89	88	88	90	88	86	83	83	83	82	84	89	82.7		
	MIN	52	53	57	53	47	45	47	52	52	54	52	57	57	58	59	59	58	59	56	57	57	51	49	48	52	52	53	48	47	60	53.7		
UPPER LAKE RS	MAX	94	93	91	88	86	87	90	98	100	102	102	95	97	99	99	102	100	92	82	80	98	94	87	86	92	94	93	94	94	97	93	93.6	
	MIN	35	40	36	41	39	40	42	42	43	48	45	45	46	47	44	46	45	44	39	48	44	46	45	43	44	48	44	46	46	48	43.6		
VACAVILLE	MAX	100	98	86	84	85	80	94	104	104	97	102	98	97	89	95	94	92	89	85	95	94	92	90	90	94	90	94	96	94	94	94.9		
	MIN	51	55	53	52	54	47	52	53	60	55	60	60	58	57	57	55	61	58	56	57	56	53	55	55	56	51	58	52	52	54	52	55.0	
VALYERMO RS	MAX	94	94	95	94	91	89	91	95	97	98	99	95	96	102	101	103	100	99	94	94	95	94	95	94	95	94	95	95	94	95	94	95.1	
	MIN	53	64	60	54	48	42	45	49	54	54	61	61	60	50	59	60	63	66	61	59	51	50	52	49	49	48	50	45	61	60	54.3		
VICTORVILLE PUMP PLANT	MAX	95	98	97	97	94	92	96	100	101	102	101	102	102	105	105	106	104	102	99	93	96	95	92	92	94	93	97	102	101	98	99.4		
	MIN	63	62	58	50	48	48	53	55	58	62	61	61	60	63	62	64	70	64	62	64	62	55	56	54	52	53	53	60	60	60	58.2		
VISALIA	MAX	97	101	102	98	93	92	93	97	103	104	106	107	102	100	101	103	106	109	104	99	96	98	99	98	96	98	95	98	99	93	98.3		
	MIN	59	72	64	58	58	55	59	60	62	65	64	68	65	68	64	69	58	67	63	58	56	61	60	62	60	60	59	62	67	68	62.3		
VOLTA PH	MAX	91	92	92	86	86	86	93	97	98	100	99	100	96	100	100	99	98	91	91	91	89	86	91	91	91	92	100	97	93	95.7			
	MIN	58	61	56	54	53	54	58	59	64	64	68	67	64	65	62	65	68	59	54	58	58	59	59	59	61	59	60	60	64	74	60.7		
WALNUT CREEK	MAX	91	98	88	67	67	71	81	93	100	91	97	92	86	88	89	92	104	95	84	76	95	82	76	73	77	90	77	77	88	83	85.2		
	MIN	48	59	51	51	51	51	52	51	54	54	53	52	54	52	51	59	62	55	54	53	55	54	55	54	55	55	55	55	55	59	54.0		
WARNER SPRINGS	MAX	54	57	54	52	45	41	45	46	47	55	58	55	49	53	55	58	60	58	62	55	53	47	50	50	44	46	40	44	51	59	55	51.5	
	MIN	54	57	54	52	45	41	45	46	47	55	58	55	49	53	55	58	60	58	62	55	53	47	50	50	44	46	40	44	51	59	55	51.5	
WASCO	MAX	96	100	103	100	96	95	98	101	104	107	108	104	101	102	106	105	106	104	102	99	106	109	104	98	97	100	99	94	96	98	96	95	99.9
	MIN	60	60	65	65	67	60	61	65	67	68	68	70	71	66	67	68	66	60	63	63	64	66	61	60	63	67	62	70	71	64	63	67	65.9
WATSONVILLE WATERWORKS	MAX	68	68	64	64	67	69	66	65	68	68	65	63	66	69	71	73	68	67	71	65	65	65	68	67	66	64	63	68	66	67	66.9		
	MIN	46	48	51	48	50	49	46	49	50	50	49	50	54	48	50	51	53	48	49	52	52	53	55	50	52	54	55	55	56	50.9			
WEAVERVILLE RS	MAX	92	93	89	89	85	86	92	98	99	101	100	102	100	100	98	100	98	100	95	83	93	94	90	88	86	93	94	95	96	94	93	94.3	
	MIN	40	40	43	43	41	40	42	45	48	50	50	48	49	48	45	48	47	41	41	45	48	46	45	43	48	48	48	43	61	45.7			
WEST BRANCH	MAX	84	86	82	82	82	82	80	90	92	92	92	88	90	90	92	92	88	83	83	78	78	82	82	86	86	86	86	86	86	86	86.2		
	MIN	38	46	44	38	42	46	50	52	50	52	48	50	52	48	50	52	52	46	46	46	46	46	46	46	46	46	46	46	46	46	46.4		
WESTWOOD HI SCHOOL	MAX	75	80	80	77	76	73	75	82	88	88	89	87	86	90	85	88	85	78	77	80	80	81	75	74									

EVAPORATION AND WIND MOVEMENT

Table 6

CALIFORNIA
JULY 1949

Station		Day of month																														Total	Departure from normal
		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		
BACKUS HANCH	EVAP	.45	.50	.52	.54	.57	.63	.45	.55	.58	.78	.43	.49	.58	.72	.77	.70	.73	.56	.61	.50	.46	.56	.54	.50	.51	.57	.53	.45	.49	.46	.28	17.01
	WIND	6	12	17	28	38	34	32	18	88	45	11	23	41	81	107	57	47	40	20	38	20	39	37	49	42	57	45	43	18	2	8	1143
EKAUMONT WB	EVAP	.38	.40	.40	.38	.40	.36	.40	.41	.41	.48	.53	.43	.45	.45	.44	.47	.36	.42	.46	.45	.43	.47	.38	.36	.32	.37	.34	.36	.38	.41	12.75	
	WIND	35	44	46	41	45	32	39	40	39	57	90	62	49	43	46	34	48	49	41	47	44	52	52	44	48	51	49	43	38	44	42	1434
BOCA	EVAP	.35	.37	.35	.40	.36	.36	.33	.32	.31	.34	.34	.33	.37	.30	.36	.39	.41	.39	.45	.35	.35	.35	.34	.37	.34	.30	.35	.34	.36	.35	10.82	
	WIND	34	39	51	46	48	32	26	18	25	23	31	30	18	28	34	38	35	72	68	20	32	32	54	42	22	35	28	24	25	30	28	1068
CAMP PARDEE	EVAP	.38	.42	.45	.35	.38	.35	.35	.35	.42	.51	.42	.48	.45	.38	.38	.42	.48	.57	.38	.38	.42	.38	.32	.38	.35	.38	.32	.29	.29	.38	26	12.07
	WIND	31	33	40	40	41	39	40	27	37	34	31	41	46	38	32	35	30	49	46	43	37	41	38	51	36	35	46	38	33	43	42	1194
CHULA VISTA	EVAP	.23	.19	.23	.24	.23	.26	.25	.22	.15	.22	.23	.20	.27	.27	.25	.26	.24	.20	.24	.26	.26	.29	.28	.28	.28	.28	.25	.30	.26	.21	.14	7.47
	WIND	133	80	76	73	72	76	71	61	87	84	71	99	118	86	66	64	73	65	68	65	112	83	51	76	72	49	76	87	123	100	79	2488
DAVIS AGR COLLEGE	EVAP	.32	.34	.44	.34	.38	.38	.35	.61	.61	.55	.38	.46	.30	.44	.33	.48	.20	.54	.44	.46	.39	.48	.25	.48	.40	.34	.36	.32	.39	.32	.33	12.37
	WIND	11	13	101	79	103	83	46	5	30	17	47	49	39	46	49	45	20	75	98	69	29	59	47	84	36	37	136	2	45	-	1502	
FALL RIVER MILLS INTAKE	EVAP	.35	.38	.41	.40	.38	.36	.36	.37	.44	.42	.41	.41	.44	.40	.43	.46	.40	.44	.44	.38	.34	.39	.42	.38	.36	.33	.40	.35	.36	.41	45	12.27
	WIND	54	54	66	78	67	92	56	47	59	49	47	48	64	45	70	62	49	62	90	87	43	22	128	105	78	65	63	53	61	59	74	1895
PRIANT GOVERNMENT CAMP	EVAP	.48	.51	.55	.57	.52	.48	.43	.51	.50	.66	.58	.61	.60	.50	.63	.64	.56	.65	.60	.54	.49	.50	.54	.53	.49	.48	.52	.48	.43	.46	.54	16.56
	WIND	33	32	46	56	54	48	38	32	34	53	38	39	51	38	47	49	35	44	42	41	33	38	38	58	46	37	42	31	29	52	1293	
LAKESHORE	MAX	93	93	90	88	88	89	92	92	92	95	96	92	94	92	92	94	96	93	91	90	91	92	91	89	89	91	90	91	92	91	91	91.6
	MIN	64	69	66	63	61	60	62	66	67	67	68	69	66	66	66	68	68	69	68	64	61	63	65	65	64	62	65	65	64	67	68	68
LAKESHORE	EVAP	.32	.33	.32	.32	.32	.27	.28	.34	.32	.32	.38	.37	.37	.33	.39	.37	.38	.36	.37	.39	.40	.27	.37	.25	.28	.36	.32	.35	.32	.36	.15	10.28
	WIND	5	6	8	18	25	1	3	6	10	9	12	7	9	10	7	8	12	4	4	9	10	11	13	7	2	8	8	11	6	10	4	262
LODI	EVAP	.25	.43	.35	.27	.28	.30	.22	.42	.39	.34	.29	.36	.38	.46	.34	.31	.40	.42	.36	.29	.45	.25	.38	.32	.30	.42	.32	.36	.39	.47	.34	10.70
	WIND	58	91	25	121	48	75	44	51	55	46	63	120	114	70	88	60	29	96	63	62	73	58	68	81	70	90	78	96	75	92	137	2297
NEWARK	EVAP	.30	.26	.26	.28	.30	.24	.30	.32	.31	.22	.18	.35	.32	.33	.32	.28	.31	.28	.34	.39	.29	.29	.30	.18	.07	.07	.26	.22	.28	.25	.39	8.49
	WIND	79	108	110	122	136	58	52	61	52	42	28	37	33	38	39	85	22	20	75	28	31	35	28	32	36	38	52	60	45	30	215	1804
OAKDALE WOODWARD DAM	EVAP	.42	.67	.61	.34	.47	.33	.48	.48	.48	.64	.50	.56	.55	.54	.57	.65	.42	.67	.49	.47	.34	.32	.32	*	.96	.36	.41	.52	.37	.43	24	14.61
	WIND	75	120	140	225	155	150	130	80	125	130	95	185	235	175	160	145	95	130	130	155	70	115	125	*	305	120	160	175	190	165	180	4440
SALT SPRINGS POWER HOUSE	EVAP	.38	.32	.37	.36	.32	.35	.33	.36	.42	.43	.40	.43	.43	.37	.34	.45	.47	.43	.37	.36	.31	.38	.36	.31	.39	.30	.35	.33	.33	.29	.30	11.34
	WIND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEASTA DAM	EVAP	.41	.38	.40	.34	.33	.24	.43	.40	.24	.42	.41	.44	.44	.39	.41	.41	.47	.46	.50	.39	.41	.41	.36	.40	.36	.35	.38	.38	.41	.40	12.15	
	WIND	41	44	50	3	20	10	30	50	40	30	40	50	20	20	23	46	53	33	41	42	46	24	23	23	23	20	20	23	30	32	973	
TANOE	EVAP	.16	.14	.19	.15	.16	.15	.13	.15	.17	.17	.17	.15	.15	.17	.18	.17	.19	.22	.20	.16	.16	.18	.17	.17	.12	.19	.13	.14	.15	.13	.04	4.91
	WIND	12	17	16	22	17	15	5	7	7	8	11	9	2	6	10	6	10	14	10	2	10	15	13	15	5	7	7	5	2	4	3	292
TURNABLE CREEK	EVAP	.38	.21	.42	.30	.30	.26	.41	.38	.33	.37	.44	.22	.48	.33	.30	.49	.32	.42	.50	.43	.34	.38	.36	.25	.47	.34	.27	.37	.26	.39	.53	11.25
	WIND	69	46	46	67	108	21	105	58	36	57	62	89	60	43	54	74	18	51	150	88	61	69	61	56	63	51	47	55	64	71	65	1986

MAXIMUM AND MINIMUM IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24-HOURS ENDING AT TIME OF OBSERVATION. THE AVERAGE OF THESE DAILY TEMPERATURE EXTREMES IS GIVEN IN THE "TOTAL" COLUMN.

STATION INDEX

CALIFORNIA JULY 1949

Table with columns: Station, Index No., County, Drainage, Latitude, Longitude, Elevation, Temp., Precip., Observer, Refer to tables. Contains station data for the left half of the page.

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STATION INDEX

CALIFORNIA
JULY 1949

Continued

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables
							Temp.	Precip.										Temp.	Precip.		
Temp.	Precip.	Temp.	Precip.																		
GOLD RUN	3481	PLACER	8 39 10	120 52	3227	8A	LESTER S CHIDLAF			LONG BARN EXP STATION	5078	TUOLUMNE	37 58 11	120 01	5200	8P	U S FOREST SERVICE				
GONZALES 9 MI NE	3502	SAN BENITO	24 38 32	121 18	2530	MID	MRS ADAM W BRODIE			LOS ANGELES	5085	LOS ANGELES	13 36 40	118 12	50	8P	U S WEATHER BUREAU				
GRANITE BASIN	3458	FRESNO	11 36 52	118 58	10000	VAR	U S ENGINEERS			LOMBARD	5098	KERN	10 33 18	118 28	2720	MID	CHARLES W POOLE				
GRANT GROVE	3551	TULARE	11 36 46	118 58	8680	3P	NATIONAL PARK SERV			LOS ALAMOS	5107	SANTA BARBARA	32 34 44	118 26	569	8A	HENRY B GOVE				
GRASS VALLEY	3571	REVENA	8 39 13	121 03	2680	3P	FRED METVELL			LOS ANGELES 6TH & MAIN	5111	LOS ANGELES	15 34 03	118 15	412	MID	U S WEATHER BUREAU				
GRATON	3578	SOMONA	22 38 26	122 51	190	6P	BOHNER L PATWELL			LOS ANGELES YEARN AVENUE	5112	LOS ANGELES	13 34 04	118 14	280	9A	U S WEATHER BUREAU				
GREENLAND RANCH	3646	LOS ANGELES	6 36 28	116 31	176	6P	FRANK COAST BOMAK CO			LOS ANGELES WD AIRPORT	5114	LOS ANGELES	13 35 56	118 22	96	MID	U S WEATHER BUREAU				
GREENVIEW	3614	SISKIYOU	12 41 33	122 54	2800	M	JACOB J BURGER			LOS ANGELES W CITY	5115	LOS ANGELES	13 34 03	118 14	312	MID	U S WEATHER BUREAU				
GREENVILLE RANGER STA	3621	PLUMAS	8 40 08	120 56	3580	8A	U S FOREST SERVICE			LOS BANOS	5118	MERCED	27 37 03	120 01	125	6P	ROGER C RICE				
GRIDLEY	3639	BUTTE	38 29 22	121 42	96	6P	WALTER E KLEER			SANTA CLARA	5123	SANTA CLARA	4 37 10	122 02	500	7P	CITY FIRE DEPT				
GRIZZLY FLATS	3649	ELDORADO	16 38 39	120 32	3900	MID	HENRY B STOCKWELL			LOS GATOS 5 MI SW	5126	SANTA CRUZ	4 37 10	122 02	2300	3P	WM W MOODY				
GRIZZLY PEAK	3652	CORTA COSTA	4 37 53	122 13	176	6P	CITY FIRE DEPT			SANTA CRUZ	5131	TRINITY	23 40 01	122 06	218	8A	KARY W BRUGHTON				
GROVELAND	3646	TUOLUMNE	37 37 50	120 13	2800	4P	DIV OF WTR RESOURCE			SANTA BARBARA	5134	SANTA BARBARA	32 34 32	119 48	1000	MID	U S FOREST SERVICE				
GROVELAND NO 2	3649	TUOLUMNE	37 37 50	120 13	2700	MID	WILLIAM C LEMOS			LOS PRITTO RANGER STA	5151	KERN	10 55 37	119 41	285	8P	U S FOREST DEPT				
GRUBBSVILLE	3653	SOMONA	22 38 45	123 00	116	6P	JOSEPH E BUTTNER			LOST BLISS	5160	TUOLUMNE	37 38 01	119 53	6200	VAR	WATER DEPT				
HAINES CANYON LOWER	3703	LOS ANGELES	13 34 36	118 16	2450	5P	L A C P C D			LOVERA OTAY RESERVOIR	5162	SAN DIEGO	33 52 37	116 56	540	8A	SAN DIEGO WATER CO				
HAINES CANYON UPPER	3704	LOS ANGELES	13 34 36	118 16	2450	5P	L A C P C D			MADERA	5171	TRINITY	23 40 01	122 06	218	8A	RICHARD J FORD				
HAIRVEE	3710	LIVRO	19 36 08	117 58	3800	7A	L A AQUEDUCT			LUCIA WILLOW SPRINGS	5184	MONTREY	4 35 53	121 27	372	MID	STATE DIV OF WTR				
HALF MOON BAY	3714	SAN MATEO	37 37 50	122 26	36	7P	FRANK L BELLO			LYTLE CR FOOTHILL BLVD	5212	SAN BENITO	28 34 07	117 27	1360	MID	U S ENGINEERS				
HAMILTON CITY	3723	CLERK	32 38 45	122 06	162	7A	MAY W JOHNSON			LYTLE CREEK POWER HOUSE	5215	SAN BENITO	28 34 12	117 27	2250	4P	SO CALIF EDISON CO				
HAMILTON FIELD	3734	MARIN	17 38 05	122 30	-2	MID	U S AIR FORCE			LYTLE CREEK RANGER STA	5218	SAN BENITO	28 34 14	117 29	2720	8A	U S FOREST SERVICE				
HAYFORD	3737	ELIOTS	11 38 49	119 58	929	8A	MRS LOUISE B BREKHOEN			MADERA PASS	5244	TRINITY	17 40 27	123 32	2700	MID	U S ENGINEERS				
HANSEN DAM	3751	LOS ANGELES	13 34 16	118 23	1005	5P	U S ENGINEERS			MAD RIVER RANGER STA	5256	LOS ANGELES	29 34 24	121 17	4450	MID	U S ENGINEERS				
HAPPY CAMP RANGER STA	3761	SISKIYOU	12 41 48	123 23	1090	5P	U S FOREST SERVICE			MAGIC MOUNTAIN	5264	MONO	10 37 37	119 02	9500	VAR	DIV OF WTR RESOURCE				
HARRIS GAGING STATION	3767	SANTA BARBARA	32 38 45	123 26	300	VAR	U S GEO SURVEY			MARZANITA LAKE	5311	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HARRISON GULCH RS	3791	SHASTA	23 40 22	122 58	2710	MID	U S FOREST SERVICE			MARZANITA PASS	5312	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HAT CREEK EXP STATION	3823	ELIOTS	11 38 49	119 58	929	8A	MRS LOUISE B BREKHOEN			MARZANITA MOUNTAIN	5313	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HAT CREEK PWR HOUSE NO	3824	SHASTA	23 40 22	122 58	2710	4P	P G & E CO			MARZANITA MOUNTAIN	5314	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HAYFIELD RESERVOIR	3853	RIVERSIDE	6 35 42	115 37	1372	8A	METRO WATER DIST			MARZANITA MOUNTAIN	5315	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HAYWARD RANGER STATION	3859	RIVERSIDE	6 35 42	115 37	1372	8A	METRO WATER DIST			MARZANITA MOUNTAIN	5316	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HAYWARD	3863	ALAMEDA	4 37 38	121 58	1000	MID	MRS ABBIE S DRESNAN			MARZANITA MOUNTAIN	5317	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HEALINGWELL	3874	SOMONA	22 38 39	122 51	190	6P	CITY FIRE DEPT			MARZANITA MOUNTAIN	5318	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HEALINGWELL 2 MI E	3878	SOMONA	22 38 39	122 51	190	6P	CITY FIRE DEPT			MARZANITA MOUNTAIN	5319	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HEBERT	3886	RIVERSIDE	33 33 45	116 38	1600	6A	LAKE HEMET WATER CO			MARZANITA MOUNTAIN	5320	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HEBERT RESERVOIR	3889	RIVERSIDE	33 33 45	116 38	1600	6A	LAKE HEMET WATER CO			MARZANITA MOUNTAIN	5321	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HENSHAW DAM	3914	SAN DIEGO	33 35 14	116 46	2700	8A	VICTA IRRIG DIST			MARZANITA MOUNTAIN	5322	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HERNANDEZ 2 MI NW	3925	SAN DIEGO	33 35 14	116 46	2700	8A	VICTA IRRIG DIST			MARZANITA MOUNTAIN	5323	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HERNANDEZ 7 MI SE	3928	SAN DIEGO	33 35 14	116 46	2700	8A	VICTA IRRIG DIST			MARZANITA MOUNTAIN	5324	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HETCH HETCHY	3939	TUOLUMNE	37 37 50	120 13	4050	7A	HETCH HETCHY WTR SUP			MARZANITA MOUNTAIN	5325	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HIGHLAND	3953	SANTA CRUZ	20 37 52	121 49	200	MID	MRS MARY E GAGAN			MARZANITA MOUNTAIN	5326	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HILL BLASE DISPOSAL	3987	SISKIYOU	12 42 00	122 37	2900	8A	FRUIT GROWERS SUPCO			MARZANITA MOUNTAIN	5327	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HOBBS	4010	LAKE	23 38 50	122 43	2980	8A	GEORGE G HOBBS			MARZANITA MOUNTAIN	5328	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HODGES DAM	4014	SAN DIEGO	33 33 03	117 08	320	7A	SAN DIEGO WTR DEPT			MARZANITA MOUNTAIN	5329	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HODGES CAMP IWT	4017	LOS ANGELES	33 33 45	116 37	2750	6P	LIVE HOLLOW			MARZANITA MOUNTAIN	5330	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HOLLISTER	4025	SAN BENITO	20 36 51	121 24	284	MID	ARTHUR W HOLSINGER			MARZANITA MOUNTAIN	5331	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HOLM	4082	RUMBOLDT	35 41 02	123 41	359	MID	BOOPA INDIAN AGENCY			MARZANITA MOUNTAIN	5332	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HOLM 8 MI NE	4097	LAKE	23 38 50	122 43	2980	8A	FRUIT GROWERS SUPCO			MARZANITA MOUNTAIN	5333	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HOLMWOOD STATION	4113	SANTA BARBARA	32 38 45	123 26	300	VAR	U S GEO SURVEY			MARZANITA MOUNTAIN	5334	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HORSE CANYON	4113	SANTA BARBARA	32 38 45	123 26	300	VAR	U S GEO SURVEY			MARZANITA MOUNTAIN	5335	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HORSE CORRAL MEADOW	4116	FRESNO	11 36 45	118 46	7675	VAR	U S ENGINEERS			MARZANITA MOUNTAIN	5336	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HUENA	4144	SN LUIS OBISPO	35 35 08	120 24	770	MID	MRS GEORGE M BAIR			MARZANITA MOUNTAIN	5337	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HUCKLEBERRY LAKE	4148	TUOLUMNE	37 37 50	120 13	4050	7A	HETCH HETCHY WTR SUP			MARZANITA MOUNTAIN	5338	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HUNTINGTON LAKE	4187	FRESNO	27 37 36	120 08	376	VAR	STATE DIV OF WTR			MARZANITA MOUNTAIN	5339	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HUCKSON	4187	FRESNO	27 37 36	120 08	376	VAR	STATE DIV OF WTR			MARZANITA MOUNTAIN	5340	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
HYAMPON	4191	TRINITY	23 40 32	121 34	1240	MID	FRANCES V BOSS			MARZANITA MOUNTAIN	5341	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
IDRIA	4204	SAN BENITO	27 36 25	120 40	3000	5P	NEW IDRIA C & M INC			MARZANITA MOUNTAIN	5342	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
IDTLEWILD	4208	RIVERSIDE	33 33 45	116 37	4818	MID	JOHN A WILSON			MARZANITA MOUNTAIN	5343	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
IMPERIAL	4223	IMPERIAL	6 32 51	115 34	-89	6P	IMPERIAL IRRIG DIST			MARZANITA MOUNTAIN	5344	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
INDEPENDENCE	4232	INTO	19 36 48	118 12	3950	7A	L A WTR & PWR DEPT			MARZANITA MOUNTAIN	5345	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
INDEPENDENCE OILION VLY	4235	INTO	19 36 48	118 12	3950	7A	L A WTR & PWR DEPT			MARZANITA MOUNTAIN	5346	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
INDIAN VALLEY	4249	LAKE	23 38 50	122 37	2980	8A	FRUIT GROWERS SUPCO			MARZANITA MOUNTAIN	5347	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
INDIAN WELLS RANGES	4250	LAKE	23 38 50	122 37	2980	8A	FRUIT GROWERS SUPCO			MARZANITA MOUNTAIN	5348	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
INDIO U S DATE GARDEN	4250	RIVERSIDE	6 33 43	116 32	140	8A	U S SUB OF PLANT IND			MARZANITA MOUNTAIN	5349	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
INTOKERN	4278	KERN	6 35 39	117 49	2440	6P	KERN CO FIRE DEPT			MARZANITA MOUNTAIN	5350	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
INTOKERN ARMITAGE	4280	KERN	6 35 41	117 41	2218	11P	U S N O T S			MARZANITA MOUNTAIN	5351	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
IOWA HILL	4288	PLACER	1 39 55	120 50	2970	7A	U S GEO SURVEY			MARZANITA MOUNTAIN	5352	SHASTA	23 40 32	121 34	5850	8A	NATIONAL PARK SERV				
IRON MOUNTAIN	4292</																				

STATION INDEX

CALIFORNIA
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Continued

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip.	Observer	Refer to tables
PARADISE MEADOW	6688	TULARE	37	30 05	119 41	7700	7A	VAR	RENCH HATCHERY WTR SUP	2 3 4 5 8	SAVATTS BAR RANGER STA	8025	SISKIYOU	12	41 18	123 08	2172	8A	SA U S FOREST SERVICE	2 3 5	
PARKER HENRIEVOIR	6700	SANTA BARBARA	24	33 54	120 26	1530	7A	VAR	HERNANDEZ WATER BIET	2 3 4 5 8	SEBASTOPOL TADOR FARM	8072	SONOMA	22	28 11	122 30	1753	8A	MID J C TADOR	2 3 4	
PARKFIELD	6706	MONTREY	24	33 56	120 27	8600	MID	MRS	MRS IRENE LONG	3 4 5	SEPUYVIMA DAM	8092	LOS ANGELES	13	34 10	118 28	7200	8A	SA U S ENGINEERS	2 3 4	
PARKFIELD 6 MI N	6710	LOS ANGELES	13	34 09	118 08	964	5P	SP	WALTER E SILVERBY	2 3 5	SEYFELD	8099	BUTTE	6	39 25	121 28	820	8A	SA GUY WILKINSON	CLOSED 6/20	
PASADENA RANGER STATION	6736	YUBA	23	39 53	122 33	780	5P	SP	U S FOREST SERVICE	3	SHYEN DAM	8100	SAN BER'DINO	28	34 10	116 55	5000	6P	SA DUDLEY R GLASS	2 3 5	
PASO ROBLES	6739	SN LUIS OCPD	24	33 37	120 42	740	5P	SP	L M FRENCH	2 3 5	SHIFFER TOOL WORKS BREA	8118	ORANGE	26	33 55	117 54	3600	7A	U S ENGINEERS	2 3 5	
PASO ROBLES 4 MI NW	6740	SN LUIS OCPD	24	33 40	120 45	1325	5P	MID	HARRY E VRENER	3 4 5	SHISTA DAM	8135	SHASTA	23	40 43	122 25	1094	7A	VAR OF RECLAMATION	2 3 4 5 6	
PASO ROBLES AIRPORT	6748	SN LUIS OCPD	24	33 36	120 39	810	MID	MID	C A B	2 3 4 5	SHELL OIL AIR PLANT	8158	LOS ANGELES	26	33 37	117 14	9000	8A	U S ENGINEERS	3	
PATTWAY	6754	KEEN	10	34 56	119 29	3780	MID	MID	J A H HUDSON	3	SHINGLE	8173	KIDROBADO	1	38 40	120 54	1425	8A	VAROBIUS S BROWNER	3	
PERDOLA GUARD STATION	6791	SANTA BARBARA	32	34 31	119 34	10	5P	6P	U S FOREST SERVICE	3	SIBERA CITY	8207	SIERRA	8	39 34	120 38	4200	8S	SA CHARLES H HANSON JR	2 3 5	
PETALUMA	6806	SONOMA	17	38 14	122 38	10	5P	6P	P & E CO	2 3 5	SIBERA RIVER	8218	LOS ANGELES	13	34 10	118 04	1220	6P	SA PAUL W CARTER	2 3 5	
PETALUMA 1 MI N	6829	SONOMA	17	38 13	122 38	27	5P	MID	MR VICTOR E CHOI	3 4 5	SIBERRAVILLE RANGER STA	8218	SIERRA	8	39 35	120 22	4975	5P	U S FOREST SERVICE	2 3 4 5	
PINERA	6837	FRESNO	11	36 48	119 22	510	MID	MID	MRS IDA H ABBES	2 3 5	SIGNAL HILL FC NO 415	8230	LOS ANGELES	13	33 48	118 10	1125	5P	CITY ENGINEER	3 4	
PINERALS NATIONAL MON	6838	SAN BENITO	20	36 29	121 12	1389	5P	6P	NATIONAL PARK SVC	2 3 5	SILVERADO RANGER STA	8243	RIVERSIDE	28	33 45	117 40	1200	MID	U S ENGINEERS	3 4	
PINO GRANDE	6839	KIDROBADO	1	38 39	120 37	4027	VAR	HIGH CALIF LUMBER CO	3	SILVER LAKE AIRPORT	8250	SAN BER'DINO	6	35 20	116 05	9100	MID	MID C A	2 3 4 5		
PIT NO 5	6840	SIERRA	21	38 45	121 24	740	8A	P & E CO	3	SINQUE SOUTH FORK CAMP	8266	SANTA BARBARA	30	34 48	119 48	2500	MID	U S ENGINEERS	3 4		
PLACERVILLE	6860	KIDROBADO	1	38 44	120 49	1045	8A	P & E CO	3	SISSON LOMAS RANCH	8272	SONOMA	22	38 41	123 07	1850	8A	FRANK H TIBBELL	3 4		
PLACERVILLE SEC NO 1	6863	KIDROBADO	1	38 44	120 51	2500	MID	S C S	3	SIX	8277	MONTREY	24	38 04	120 39	1800	MID	KLIZABETH S WALT	3 4		
PLATYWOOD	7000	AMADOR	16	38 28	120 51	900	8A	LORENZ L CRAIN	3	SLEEY HOLLOW COLLEGE	8290	LOS ANGELES	13	34 18	118 07	3500	6P	SA F R LA POINT	2 3 5		
POINT ARK	7009	KIDROBADO	17	38 53	123 43	200	MID	EDWARD G MINAKER	3 4	SNOW CREEK UPPER	8318	MARIPOSA	14	37 30	119 30	8700	VAR	DIV OF WTR RESOURCE	5		
POINT ARKULLO U S	7016	SANTA BARBARA	33	34 23	120 36	64 11P	11P	U S COAST GUARD	2 3 5	SNOW LABORATORY CENTRAL	8320	NEVADA	9	39 20	120 22	6902	4P	SA SNOW LAB HDQS	2 3 4 5		
POINT PIEDRAS BLANCS	7024	SN LUIS OCPD	24	33 40	121 17	57 11P	11P	U S COAST GUARD	2 3 5	SODA SPRINGS	8331	NEVADA	8	39 19	120 23	8722	8A	SA ARTHUR CHOUILLARD	2 3 4 5		
POMONA	7050	LOS ANGELES	26	34 02	117 48	1000	MID	H F ADAMS	2 3 5	SODIUM LAKE	8334	UTAH	33	40 32	117 14	1828	6P	SA C C CARTER	2 3 5		
PORT CHICAGO NAVAL DEPOT	7070	CONTRA COSTA	4	38 01	122 01	50	8A	U S NAVY	2 3 5	S O PARALLON	8376	SN FRANCISCO	8	39 42	123 20	207	MID	U S COAST GUARD	3 4		
PORTERVILLE 1 MI E	7077	TULARE	9	36 04	119 00	443	8A	JOHN H DAYWELL	2 3 5	SO ENTRANCE TOWERITE	8380	MARIPOSA	14	37 30	119 38	5135	5P	NATIONAL PARK SERV	2 3 5		
PORTOLA	7085	PLUMAS	8	39 48	120 28	482	4P	I C BALDWIN	2 3 5	SOUTHERN PARK	8446	MONTREY	24	36 38	121 40	47	8A	BRETTA PETERSON	3 4		
PORTOLA NO 2	7088	PLUMAS	8	39 48	120 28	5000	MID	PORTOLA WATER CO	3 4 5	SPRINGVIEW GARDEN STA	8463	TULARE	9	36 13	118 39	4300	5P	SP P G & E CO	2 3 5		
POTTERVILLE PASS	7093	TULARE	9	36 38	119 35	7905	MID	U S ENGINEERS	2 3 5	STAGWOOD RANGER STA	8472	SIERRA	21	40 43	122 06	1200	5P	U S FOREST SERVICE	2 3 5		
POTTERVILLE SEC	7103	YUBA	23	34 38	119 28	4850	MID	U S ENGINEERS	2 3 5	STAIRWELL LHM NO 1	8478	SAN BER'DINO	15	34 14	117 15	5383	8S	SA CLYDE SEHARER	2 3 5		
POTTER VALLEY PWR HOUSE	7108	MENDOCINO	22	39 22	123 09	1014	3P	SP P G & E CO	2 3 5	STATION HEADQUARTERS	8514	FRESNO	11	36 56	118 55	8300	VAR	U S ENGINEERS	2 3 5		
PRADO DAM	7123	RIVERSIDE	28	33 45	117 38	370	MID	U S ENGINEERS	3 4	STATION MGR	8517	SAN BENITO	20	36 50	121 14	3620	MID	MARSH B KROG	2 3 5		
PRIBET VALLEY	7130	MONTREY	24	36 12	120 49	2248	7A	C R TUCKER	2 3 5	STATION WTR	8523	SIERRA	31	41 23	120 36	4553	5P	SA U S FOREST SERVICE	3 4		
PRINCE RANGER STATION	7150	LOS ANGELES	26	34 36	118 34	3475	5P	U S AIR FORCE SERVICE	2 3 5	STOCKTON AIRPORT	8554	SAN JOAQUIN	27	37 54	121 15	3518	MID	DAVID P OF FETRY	2 3 5		
RADJON HOT SPRINGS	7200	LOS ANGELES	26	34 36	118 34	3475	5P	U S AIR FORCE SERVICE	2 3 5	STOCKTON FIRE STATION 4	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
RALSTON RIDGE	7224	PLACER	1	39 01	120 33	5130	VAR	U S ENGINEERS	2 3 5	STOCKTON FIRE STATION 5	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
RANCHO	7236	SAN DIEGO	33	33 03	118 52	1430	7A	U S NAVY	2 3 5	STOCKTON FIRE STATION 6	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
RANCHO TAYLOR	7244	SAN DIEGO	33	33 12	118 32	4000	8A	U S NAVY	2 3 5	STOCKTON FIRE STATION 7	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
RANCHO TAYLOR	7250	SAN DIEGO	33	33 12	118 32	4000	8A	U S NAVY	2 3 5	STOCKTON FIRE STATION 8	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
RANCHO TAYLOR	7254	SAN BER'DINO	6	34 43	118 50	7200	8A	C A BROWN	3	STOCKTON FIRE STATION 9	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
RED HOLLOW FIRE STA NO 2	7282	TEHAMA	23	40 09	123 15	341	MID	MID U S WEATHER BUREAU	2 3 4 5	STOCKTON FIRE STATION 10	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
REDLANDS	7286	SIERRA	23	40 35	123 24	368	5P	REDDING FIRE CTRK	2 3 4 5	STOCKTON FIRE STATION 11	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
RED MOUNTAIN	7306	SAN BER'DINO	28	34 04	117 11	1352	5P	C E ARTHUR	2 3 5	STOCKTON FIRE STATION 12	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
REDWOOD CITY	7318	SAN MATEO	4	37 39	122 14	31	5P	CITY FIRE DEPT	2 3 5	STOCKTON FIRE STATION 13	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
REDWOOD VALLEY	7351	MENDOCINO	22	39 16	123 12	705	MID	THOMAS M JAMESON	3 4	STOCKTON FIRE STATION 14	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
REPREZA	7370	SACRAMENTO	1	38 41	121 10	305	MID	POLESON STATE PRISON	3	STOCKTON FIRE STATION 15	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
RIO VISTA	7448	SOLANO	23	38 13	121 41	401	8P	RALPH C GRIFPI	2 3 5	STOCKTON FIRE STATION 16	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
RIVERSIDE FIRE STA NO 3	7473	RIVERSIDE	28	33 58	117 20	850	5P	MID CIVILUS EXP STATION	2 3 5	STOCKTON FIRE STATION 17	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
ROBERTSON PLAT	7492	PLACER	3	39 10	120 30	6250	VAR	U S ENGINEERS	2 3 5	STOCKTON FIRE STATION 18	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
ROCK CREEK	7510	INTO	19	37 27	118 44	9700	VAR	DIV OF WTR RESOURCE	2 3 5	STOCKTON FIRE STATION 19	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
ROCKWELL	7516	PLACER	1	38 48	121 15	359	7A	CALLISTO H JOHNSON	2 3 5	STOCKTON FIRE STATION 20	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
RODNEY SPRING	7519	TULARE	14	35 48	118 21	8000	7A	CALLISTO FIRE ENGINEER	2 3 5	STOCKTON FIRE STATION 21	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
RODNEY WADSWORTH	7600	SAN BER'DINO	28	34 12	117 05	6000	MID	STATE DIV OF HYD	3 4	STOCKTON FIRE STATION 22	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
RUSH CREEK RANCH	7606	MONO	36	37 57	119 04	6432	8S	MID WALTER DOBROFSKI	2 3 4 5	STOCKTON FIRE STATION 23	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
SACRED SPRINGS	7623	TULARE	37	38 08	119 51	7900	VAR	REICH TUBERY WTR DEP	2 3 4 5	STOCKTON FIRE STATION 24	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
SACRAMENTO W B AIRPORT	7626	SACRAMENTO	1	38 42	121 17	17	MID	U S WEATHER BUREAU	2 3 4 5	STOCKTON FIRE STATION 25	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
SACRAMENTO W B AIRPORT	7633	SACRAMENTO	23	38 35	121 30	25	MID	MID U S WEATHER BUREAU	2 3 4 5	STOCKTON FIRE STATION 26	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
SADOLAR CAMP RANGER STA	7637	TEHAMA	23	40 10	122 49	3850	VAR	U S FOREST SERVICE	2 3 4 5	STOCKTON FIRE STATION 27	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
SAGE CANYON	7640	KEEN	5	35 36	118 04	4490	6P	U S ENGINEERS	2 3 5	STOCKTON FIRE STATION 28	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
SAINT HELENA	7643	NAPA	17	38 50	122 27	255	6P	6P H J PAULSON	2 3 5	STOCKTON FIRE STATION 29	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
SAINT HELENA 4 MI W	7646	NAPA	17	38 50	122 27	255	6P	6P H J PAULSON	2 3 5	STOCKTON FIRE STATION 30	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
SAINT HELENA 7 MI NE	7646	NAPA	17	38 50	122 27	255	6P	6P H J PAULSON	2 3 5	STOCKTON FIRE STATION 31	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
SAINT JOHN	7656	GLENN	23	39 42	122 00	134	7A	GLYN B ALEX	2 3 4	STOCKTON FIRE STATION 32	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
SAINT MARTS COLLEGE	7661	CONTRA COSTA	4	37 50	122 07	600	7P	ST MARTS COLLEGE	2 3 4 5	STOCKTON FIRE STATION 33	8580	SAN JOAQUIN	27	37 54	121 19	1300	8A	SA STOCKTON FIRE DEPT	2 3 5		
SALINAS AIRPORT	7668	MONTREY	24	36 40	121 37	74	MID	U S WEATHER BUREAU	2 3 4 5	STOCKTON FIRE STATION 34	8580										

STATION INDEX

CALIFORNIA
JULY 1949

Continued

Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Observation time		Observer	Refer to tables	
							Temp.	Precip.										Temp.	Precip.			
WHEELER SPRINGS 2 MI SW	9615	VENTURA	33 34 29	119 18	850	MID	KEENE P SHELDON	3 4														
WHEELER SPRINGS 7 MI W	9618	VENTURA	29 34 36	119 20	4150	MID	FRANK D FELT	3 4														
WHITE ROCK	9639	SACRAMENTO	38 38 33	121 08	353	SA	EDWARD L PATER	3														
WHITTIE CITY HALL	9640	LOS ANGELES	33 33 59	118 02	365	SP	K R FAHREN	3														
WILLIAMS AIRPORT	9678	COLUSA	33 39 06	122 09	120	MID	C A A	2 3 4 5														
WILLITS HOWARD FOREST	9488	MENDOCINO	7 39 20	123 19	1900	SP	STATE DIV OFFSTY	2 3 4 5														
WILLOWS	9699	CLERK	33 39 37	122 12	136	RA	R E ALLARD	2 3 5														
WINCHESTER	9722	RIVERSIDE	33 33 40	117 08	1470	MID	JIM W BLACKBURN	3 4														
WINDY SADDLE JUNCAL RD	9730	SANTA BARBARA	33 34 29	119 36	3050	VAR	U S FOREST SERVICE	3 4 5														
WINTERS	9742	YUBA	23 38 32	121 58	132	9A	PERCY CULTON	2 3 5														
WOODFORDS	9775	ALPINE	3 38 46	119 50	5675	SP	MRS BERNICE FICKEL	2 3 5														
WOODLAND	9791	YUBA	23 38 41	121 46	63	9A	WARREN D HUBTON	2 3 5														
WRIGHTS	9814	SANTA CRUZ	4 37 07	121 56	1600	SP	C F SCHRYTT	3														
WRIGHTS LAKE	9816	ELDORADO	1 38 51	120 14	7485	VAR	U S ENGINEERS	3 4 5														
YORBA LINDA	9847	ORANGE	26 33 53	117 49	395	SP	STATE DIV OFFSTY	2 3 5														
YORBAVILLE	9851	MENDOCINO	17 38 55	123 19	1150	MID	CHARLES P HULBERT	3 4														
YORRENT NATIONAL PARK	9855	MARIPOSA	14 37 45	119 35	3985	4P	NATL PARK SERVICE	2 3 4 5														
YREKA	9856	SISKIYOU	12 41 43	122 38	3635	SA	U S FOREST SERVICE	2 3 5														
YUCCA GROVE	9881	SAN BENITO	6 35 23	115 52	3951	6P	CALIF ELEC PWR CO	2 3 5														

- 1 AMERICAN, 2 CALAVERAS, 3 CARSON, 4 CENTRAL COAST, 5 COLORADO, 6 DESERT, 7 KEV, 8 FEATHER, 9 KAWAII, 10 KERN, 11 KINGS, 12 KLANATH, 13 LOS ANGELES, 14 MERCED, 15 MOJAVE, 16 MOKLAHIDE, 17 NORTH COAST, 18 N. E. INTERIOR, 19 OWNERS, 20 PAZARO, 21 PIT, 22 RUSKIAN, 23 SACRAMENTO, 24 SALINAS, 25 SAN DIEGO, 26 SAN GABRIEL, 27 SAN JOAQUIN, 28 SANTA ANA, 29 SANTA CLARA, 30 SANTA MARIA, 31 SANTA MARGARITA, 32 SANTA YREKA, 33 SOUTH COAST, 34 STANISLAUS, 35 TRINITY, 36 TRUCKEE, 37 TUOLUMNE, 38 VALLEJO

REFERENCE NOTES

- The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.
- Delayed data and corrections will be carried only in the June and December issues of this bulletin.
- Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.
- Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.
- When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
- Amounts in Table 4 are from recording gages. Traces are not shown.
- Amounts in Table 3 are from non-recording gages, unless otherwise indicated.
- Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.
- As of January 1, 1949, dewpoint values below 32°F. and relative humidity values at temperatures below 32°F. are expressed with respect to water rather than with respect to ice, as used prior to that date. Therefore, these hygrometric values before and after January 1, 1949, cannot be accurately combined without necessary conversion.
- No record.
 - + And also on later dates.
 - * Amount included in following measurement, time distribution unknown.
 - // Gage is equipped with a windshield.
 - 6 Precipitation measured at 6-hourly intervals, no recording gage.
 - AR This entry in time of observation column in Station Index means after rain.
 - B Adjusted to a full month.
 - E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
 - M One or more days of record missing; see Table 5 for detailed daily record.
 - R Station equipped with recording gage only.
 - S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in June issue of this publication.
 - SS This entry in time of observation column in Station Index means sunset.
 - T Trace, an amount too small to measure.
 - V Includes total for previous month.
 - VAR This entry in time of observation column in Station Index means variable.
 - Z Hourly amounts from a recording gage at the same site may be found in Table 4.

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