

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

CALIFORNIA SECTION.

EDWARD A. BEALS, District Forecaster.

VOL. XXIII. SAN FRANCISCO, NOVEMBER, 1919. No. 11.

GENERAL SUMMARY.

Unseasonably cold and dry weather prevailed in California during November, which was the sixth consecutive month with a mean temperature below normal. At several stations the lowest temperatures ever recorded during November occurred during this month. The temperature fell below zero during the last week of the month in the northeastern plateau region. Cold, desiccating northerly winds prevailed. Rainfall was deficient, and the average precipitation for the State as a whole was but 32 per cent of the normal. Scattered, light showers fell from the 6th to the 8th, and the first well-defined storm of the season began about the 26th, and continued into December. This was a severe storm, and gave copious rains in the interior valleys and heavy snow in the mountains. High winds accompanied this storm, and attained destructive violence from the 26th to the 28th. The damage from wind was estimated at \$1,500,000, most of which was sustained by shipping in the San Francisco Bay region. The heavy precipitation which accompanied this storm did much good, however, by terminating the long-continued drought, relieving the hydroelectric power situation, extinguishing forest fires, and giving deep snow in the Sierra Nevada Mountains, where there had previously been little or no snowfall during the present season. At the close of November the accumulated seasonal rainfall was about normal in southern California, but elsewhere it was far below normal. Streams which had maintained extremely low stages for many months, began to rise rapidly during the last week of the month.

Plowing was retarded, and the germination and growth of winter grains were delayed by the cold and dry weather, though the rains near the close of the month improved conditions somewhat. Feed on the ranges was short, and grazing cattle were not in the best condition. The harvesting of excellent crops of rice and apples was completed under favorable weather conditions. Frost and rain ended the season for beans, tomatoes and grapes. Though frosts were frequent, slight damage was done to cotton, olives and citrus fruits. Navel oranges approached maturity; picking was begun in a few places and shipment eastward was started. The agricultural year now drawing to a close has been satisfactory, and favorable weather prevailed throughout the harvest season of a great variety of crops.

A. H. P.

PRESSURE.

The mean sea level pressure, determined from the records of twelve regular Weather Bureau stations, was 30.05 inches. The highest was 30.54 inches at Independence on the 21st; the lowest was 29.47 inches at Los Angeles on the 27th; the range for the State was 1.07 inches.

TEMPERATURE.

The monthly mean temperature for the State, as shown by the records of 101 stations, was 50.9°, which is 2.0° below the normal.

The highest monthly mean was 61.5°, at Los Angeles; and the lowest was 24.2°, at Fordyce Dam.

The highest temperature, 93°, occurred at Azusa on the 16th; and the lowest, -10°, occurred at Fordyce Dam on the 27th.

The range for the State was 103°.

PRECIPITATION.

The average precipitation for the State, as shown by the records of 246 stations, was 0.90 inch, or 1.91 inches below the normal.

The greatest monthly amount was 8.33 inches, at Sonora. No rain fell at 11 stations. The greatest amount in 24 hours was 4.90 inches at Sonora on the 30th.

RELATIVE HUMIDITY, SUNSHINE AND CLOUDINESS.

Stations.	Relative humidity. (Per cent.)			Sunshine.	
	5 a. m.	5 p. m.	Mean.	Actual No. of hours possible.	
Eureka	90	80	85	130	44
Fresno	59	32	45	265	88
Independence	43	26	34	280	92
Los Angeles	53	64	58	258	83
Mount Tamalpais	48	49	49	267	88
Red Bluff	66	33	50	215	73
Sacramento	64	36	50	226	78
San Diego	70	66	68	229	73
San Francisco	70	54	62	245	82
San Jose . . . . .	.....	53	.....	244	80
San Luis Obispo	61	47	54	278	90

WIND MOVEMENT.—(Miles.)

Stations.	Total mov. for month.	Ave. hr. velocity.	Maximum velocity.	Direction.	Date.	Prev. dir.
Eureka	4,246	5.9	42	n.	26	n.
Fresno	2,559	5.0	29	n.w.	26	n.w.
Independence	5,153	7.2	38	n.	26	n.
Los Angeles	4,032	5.6	23	n.w.	7	ne.
Mount Tamalpais	15,588	21.6	88	n.	27	nw.
Point Reyes	15,986	22.2	73	n.w.	7	nw.
Red Bluff	4,429	6.2	36	n.w.	27	nw.
Sacramento	5,419	7.5	48	n.w.	26	n.w.
San Diego	4,292	6.0	34	w.	7	nw.
San Francisco	6,928	9.6	62	ne.	27	n.
San Jose	4,237	5.9	36	n.w.	27	nw.
San Luis Obispo	2,691	3.7	22	w.	7	n.

COMPARATIVE DATA FOR NOVEMBER.

Year.	Mean temp.	Ave. precip.	Year.	Mean temp.	Ave. precip.	Year.	Mean temp.	Ave. precip.	Year.	Mean temp.	Ave. precip.
1897	50.8	1.41	1903	55.2	5.03	1909	50.7	4.52	1915	50.8	1.96
1898	51.6	0.99	1904	53.4	1.44	1910	52.8	1.91	1916	48.0	1.77
1899	52.1	8.82	1905	52.8	2.26	1911	51.1	1.00	1917	54.1	1.53
1900	54.7	5.21	1906	52.6	1.92	1912	52.2	2.85	1918	50.5	3.10
1901	54.9	2.65	1907	52.7	0.28	1913	52.2	5.00	1919	50.9	0.90
1902	50.8	3.61	1908	52.9	1.85	1914	54.2	0.80	.....	.....	.....

The departures from the normal temperature and precipitation are computed only for such stations as have ten or more years of record, but all complete reports are used in determining section or division means.

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

Daily evaporation (inches) and wind movement (miles) for November, 1919.

Stations.	Data.	Day of Month.																														Monthly.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Chula Vista**1	Evaporation	143	141	142	138	156	172	207	167	160	124	122	125	124	131	222	128	121	0.60	103	257	223	118	082	075	178	030	069	095	076	.....	3.999
	Wind movement	74	73	73	75	86	95	221	100	97	68	67	56	50	48	72	57	45	87	68	91	116	75	76	112	357	45	63	68	60	.....	2.657
Dodgeland**2	Evaporation	122	088	069	085	060	059	170	101	160	060	060	108	059	061	050	056	064	049	091	152	081	063	049	145	084	*	416	045	.....	2.667	
	Wind movement	20	20	10	30	60	30	30	100	40	70	20	30	10	30	30	10	40	10	120	115	15	30	10	48	43	207	131	26	14	.....	1,359
Oakdale (near)**3	Evaporation	158	179	064	232	119	110	124	165	200	167	112	120	080	124	115	131	121	114	116	243	321	134	116	106	127	095	264	*	397	089	4,443	
	Wind movement	8	75	93	53	97	120	98	229	200	102	76	62	30	40	43	51	58	57	121	230	242	48	72	60	63	85	336	224	145	103	3,800
Tahoe**4	Evaporation	100	060	030	050	050	110	*	10	200	290	130	070	070	080	090	120	140	050	070	080	130	110	100	070	130	100	1	320	110	50	3,211
	Wind movement	175	65	87	143	35	39	29	35	51	41	74	60	27	47	55	22	35	70	83	55	73	111	74	42	99	65	492	116	79	50	2,409

* Observation taken at 7 a. m.; ** at 8 a. m. † Included in next following entry.
1 Ele. 9 ft.; 10 miles SE of San Diego. 2 Ele. 125 ft.; 16 miles SW of Chico. 3 Ele. 215 ft.; Woodward Reservoir, 8 miles N of Oakdale. 4 Ele. 6230 feet; float in Lake Tahoe.

Climatological Data for November, 1919.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.					Precipitation, in inches.			Number of days.			Observers					
				Mean.	Highest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Snowfall (unmelted).	Precipitation on one or more clear days.	Partly cloudy.	Cloudy.						
Alturas.....	Modoc.....	4,400	15	37.8	-1.1	74	17	7	27	54	0.47	-0.65	0.25	5.0	6	14	10	6	w.	
Antioch.....	Contra Costa.....	46	40	50.6	-3.2	72	26	31	24	39	T	-1.38	T	0	0	3	27	0	sw.	
Atascadero.....	San Luis Obispo.....	837	3	47.8	-1.8	83	17	8	28	60	0.00	.....	0.00	0	0	24	6	3	sw.
Azusa.....	Los Angeles.....	540	17	60.8	-1.8	133	16	32	27	42	1.14	-0.42	1.10	0	2	21	6	3	se.	
Bakersfield.....	Kern.....	404	30	52.6	-3.0	77	4	14	28	29	45	-0.28	-0.18	0.20	0	2	18	3	3	sw.
Barstow.....	San Bernardino.....	2,105	16	48.4	-6.5	75	4	20	28	41	0.11	-0.19	0.11	0	1	21	6	3	n.	
Berkeley.....	Alameda.....	317	32	58.7	+1.5	76	+17	36	27	31	0.44	-2.11	0.33	0	3	26	1	3	w.	
Betteravia.....	Santa Barbara.....	155	6	51.5	.....	84	22	24	27	40	0.12	.....	0.07	0	2	24	1	5	w.
Blue Canon.....	Placer.....	4,695	20	47.0	+2.5	75	15	15	26	45	1.40	-6.38	0.80	6.0	3	22	6	6	sw.	
Blythe.....	Riverside.....	265	10	56.6	.....	92	3	28	28	58	0.13	.....	0.08	0	3	17	1	12	n.
Bonita.....	San Diego.....	110	3	56.1	.....	87	16	29	+28	46	0.85	0.43	0.4	4	17	9	4	w.	
Branscomb.....	Mendocino.....	2,000	19	51.4	+2.2	77	1	26	+6	47	3.70	-10.35	1.80	0	8	19	9	2	n.	
Brawley.....	Imperial.....	-105	10	51.4	.....	56	18	31	+29	46	0.57	0.45	0	3	22	5	3	sw.	
Camptonville (near).....	Imperial.....	0	14	59.6	-2.3	88	16	31	+29	44	0.84	-0.50	0.71	0	2	18	7	5	n.	
Chico.....	Yuba.....	3,500	12	48.8	.....	74	+17	22	27	32	2.18	.....	1.20	2.5	6	22	2	6	n.
Claremont.....	Butte.....	189	49	51.3	-2.5	83	24	27	+11	50	0.77	-1.82	0.67	0	2	24	4	2	w.	
Cloverdale.....	Los Angeles.....	1,200	27	56.4	-1.9	88	16	26	28	26	1.14	-0.17	1.01	0	3	24	4	2	w.	
Colfax.....	Sonoma.....	340	17	54.3	+0.2	78	17	30	+28	43	0.45	-3.58	0.41	0	3	23	4	3	n.	
Corona.....	Placer.....	2,421	48	50.6	-1.1	50	22	27	+27	39	1.18	-3.76	0.60	0	3	19	8	3	sw.	
Crescent City.....	Riverside.....	615	5	57.3	.....	98	16	28	+28	42	0.42	0.37	T	3	22	3	5	nw.	
Del Norte.....	Del Norte.....	125	5	48.6	-2.1	70	22	23	27	32	7.92	-3.26	1.45	0	12	14	3	13	nw.	
Davis.....	Yolo.....	51	47	51.8	-3.9	78	3	29	+16	43	0.31	-1.32	0.28	0	2	25	3	2	n.	
Downieville.....	Sierra.....	3,150	8	44.2	.....	75	22	21	+27	46	1.99	0.95	1.0	0	6	20	3	7	n.
Durham.....	Butte.....	160	24	50.8	-1.6	82	24	27	+19	48	0.76	-2.01	0.68	0	3	21	1	8	n.	
El Cajon.....	San Diego.....	482	20	57.2	-1.9	92	16	30	+29	53	1.26	-0.13	0.64	0	5	19	9	2	sw.	
Elsinore.....	Riverside.....	1,300	3	56.4	.....	90	17	28	+28	49	0.66	0.66	T	2	17	5	8	se.	
Escondido.....	San Diego.....	742	25	57.4	+1.6	90	16	30	+28	45	1.13	-0.11	1.03	0	3	17	7	6	w.	
EUREKA.....	Humboldt.....	64	33	48.2	-2.8	65	3	32	+27	20	2.99	-2.68	0.85	0	12	4	10	16	n.	
Folsom.....	Sacramento.....	252	46	53.4	-1.2	75	14	30	+26	35	0.17	-2.37	0.10	0	2	24	2	10	e.	
Fontana.....	San Bernardino.....	1,325	7	57.4	.....	84	16	30	+29	40	1.17	0.17	0.2	0	2	19	10	1	sw.
Fort Bidwell.....	Modoc.....	4,375	30	35.6	-3.6	61	3	5	+27	34	0.63	-1.31	0.85	6.5	7	0	5	15	nw.	
FRESNO.....	Fresno.....	293	32	53.0	-1.6	74	23	30	+28	32	0.04	-0.99	0.02	0	2	25	2	3	nw.	
Grass Valley.....	Nevada.....	2,690	47	49.6	.....	76	22	26	+27	34	1.69	-3.92	0.78	0	4	21	1	8	s.
Greenland Ranch.....	Inyo.....	-178	8	54.6	.....	83	22	30	+27	39	0.20	0.20	0.80	0	1	20	0	10	....
Hammond.....	Kings.....	249	19	50.2	-3.7	76	+19	26	+27	44	T	-0.83	T	0	0	19	0	11	n.	
Healdsburg.....	Sonoma.....	110	26	52.4	-1.7	79	1	28	+6	44	0.45	-4.01	0.46	0	2	23	4	3	nw.	
Hollister.....	San Benito.....	284	45	50.8	-3.7	78	+16	24	+28	46	0.09	-1.40	0.08	0	2	24	2	4	n.	
INDEPENDENCE.....	Inyo.....	3,957	23	48.1	-3.1	71	21	18	+27	38	0.03	-0.26	0.03	0.2	1	24	6	0	se.	
Indio.....	Riverside.....	20	41	61.1	-1.5	92	16	28	+29	56	0.52	+0.30	0.30	0	1	16	0	5	n.	
Inskip.....	Butte.....	4,975	12	44.8	.....	66	22	12	+27	27	1.81	.....	1.30	7.0	4	19	5	6	n.
Kennett.....	Shasta.....	730	7	51.9	.....	80	24	27	+27	43	1.01	0.46	0.46	0	2	23	2	2	sw.
King City.....	Monterey.....	333	32	53.2	-0.7	74	16	10	+27	49	0.56	0.26	0.20	0	1	24	0	6	nw.	
La Porte.....	Plumas.....	5,000	25	35.8	-5.2	58	22	9	+27	25	1.67	-7.98	1.18	8.5	4	25	2	3	n.	
Lemon Cove.....	Tulare.....	600	24	52.9	-3.7	77	23	30	+28	33	0.23	-1.33	0.23	0	1	20	9	1	nw.	
Lick Observatory.....	Santa Clara.....	4,209	30	47.0	-1.4	69	+16	15	+27	21	0.68	-2.26	0.47	0	2	24	3	3	nw.	
Lindsay.....	Tulare.....	384	5	50.9	.....	80	23	25	+28	45	0.12	0.12	0	1	23	5	2	nw.	
Lone Pine.....	Inyo.....	3,728	14	46.6	-0.4	72	16	16	+27	52	0.20	+0.05	0.20	2	1	30	0	0	s.	
LOS ANGELES.....	Los Angeles.....	293	42	61.5	+1.2	88	16	37	+28	30	0.46	-1.02	0.46	0	2	21	6	3	ne.	
McCloud.....	Siskiyou.....	3,270	9	41.6	.....	74	16	10	+27	49	0.56	-1.05	0.05	0	1	27	1	2	n.
Madeline.....	Napa.....	5,270	10	53.6	.....	69	17	-6	+27	54	0.40	0.25	0.60	0	4	14	7	9	nw.
Marysville.....	Yuba.....	67	48	48.6	-7.8	74	+2	30	+9	36	0.48	-1.63	0.40	0	2	26	1	3	n.	
Mecca.....	Riverside.....	-185	13	59.8	-2.0	88	20	15	+29	49	0.58	+0.31	0.55	0	2	27	2	1	nw.	
Merced.....	Merced.....	173	45	49.1	-6.3	73	16	23	+28	42	0.04	-1.17	0.02	0	2	27	2	1	nw.	
MOUNT TAMALPAIS.....	Marin.....	2,375	20	51.8	+1.2	72	17	27	+27	29	1.09	-2.55	0.90	0	6	22	5	3	nw.	
Mount Wilson.....	Los Angeles.....	5,704	2	48.4	.....	69	2	15	+27	27	1.72	.....	1.06	7.0	4	21	5	4	sw.
Napa.....	Paso Robles.....	20	42	52.4	-1.7	80	17	28	+28	33	0.36	-2.19	0.30	0	1	25	3	2	n.	
Needles.....	San Bernardino.....	477	27	52.1	-8.6	73	21	28	+30	35	0.82	+0.40	0.44	T	5	22	3	5	w.	
Nevada City.....	Stanislaus.....	91	30	49.2	-6.9	73	13	17	+28	47	0.00	-1.12	0.00	0	0	2	23	4	n.	
Newman.....	Alameda.....	322	43	53.6	-0.2	70	17	36	+27	22	0.71	-2.11	0.56	0	3	23	4	3	nw.	
Oakland.....	Glenn.....	254	37	52.1	-4.3	81	24	32	+27	47	0.19	-1.92	0.19	0	1	26	5	6	n.	
Orlando.....	Oroville (near).....	250	35	53.3	-2.6	75	4	31	+28	35	0.67	-2.63	0.45	0	4	17	2	11	nw.	
Pasadena.....	Los Angeles.....	865	29	56.8	-2.3	86	16	26	+28	45	1.22	-0.82	0.66	0	2	26	2	2	sw.	
Paso Robles.....	San Luis Obispo.....	800	32	48.7	-2.8	81	+17	11	+28	56	0.05	-1.05	0.05	0	1	27	1	2	ne.	
Petaluma.....	Sonoma.....	9	51	61.2	.....	75	13	25	+28	48	0.31	-2.35	0.30	0	2	22	7	1	w.
Placerville.....	El Dorado.....	1,925	30	46.0	-2.1	75	+17	21	+27	50	0.79	-4.05	0.36	T	4	16	1	13	w.	
POINT REYES.....	Marin.....	490	27	51.6	-2.3	75	17	38	+27	50	0.40	-2.55	0.37	0	4	14	6	10	nw.	
Pomona.....	Los Angeles.....	857	5	53.5	.....	87	16	25	+28	58	0.82	0.82	0	1	17	12	1	sw.	
Porterville.....	Tulare.....	464	30	53.2	-1.7	85	23	28	+28	45	0.27	-0.49	0.15	0	3	26	0	4	sw.	
Portola.....	Plumas.....	4,882	4	37.4	.....	71	3	3	+27	59	1.20	0.80	12.0	2	26	0	4	sw.	
RED BLUFF.....	Tehama.....	307	42	52.3	-1.1	82	22	30	+27	45	0.32	-2.87	0.28	0	5					

Daily Precipitation for November, 1919.

Stations.	Watersheds.	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				
Alturas.....	Sacramento.....							.08			.25	.01																					.04	0.47		
Antioch.....	San Joaquin.....							T.																										T.	0.14	
Atascadero.....	Coast.....							.08																										0.00		
Azusa [III].....	San Joaquin.....							T.																											1.14	
Bakersfield [III].....	San Joaquin.....							.08																											0.28	
Barstow.....	Desert.....							T.																											0.11	
Berkeley.....	Coast.....							.06																											0.44	
Betteravia.....	do.....																																		0.12	
Blue Canon [III].....	Sacramento.....							.80			.20																							1.40		
Blythe [III].....	Colorado.....							T.																											0.13	
Bonita.....	Coast.....																																		0.85	
Branscomb.....	do.....										.10	.60																						3.70		
Brawley [III].....	Imperial Valley.....																																		0.57	
Calexico [III].....	Imperial Valley.....																																		0.84	
Camptonville.....	San Joaquin.....							.24	.41		.30																						2.18			
Chico.....	Sacramento.....							T.			.10																							0.77		
Claremont [III].....	Coast.....							.03			T.																							1.14		
Cloverdale.....	do.....							.03			T.	.01																						0.45		
Colfax [III].....	Sacramento.....							.50			.08																							1.18		
Corona.....	Coast.....																																		0.42	
Crescent City.....	do.....	1.05	.06	1.18	1.45			.49				.17	.05																				7.92			
Davis.....	Sacramento.....																																		0.31	
Downieville.....	do.....							.30	.10		.55	.03																					1.99			
Durham.....	do.....																																		0.76	
El Cajon.....	Coast.....																																		1.26	
Elsinore [III].....	do.....																																		0.66	
Escondido.....	do.....																																		1.13	
EUREKA***.....	do.....	25	.02	20	.61			.19	.22		T.																							2.99		
Folsom [III].....	Sacramento.....							.07																											0.17	
Fontana.....	Coast.....																																		1.17	
Fort Bidwell.....	Mountain Lakes.....							.01	.06			.05	.35																				0.68			
FRESNO***.....	San Joaquin.....																																		0.04	
Grass Valley.....	Sacramento.....							.75			.12																							1.69		
Greenland Ranch.....	Desert.....																																		0.20	
Hanford [III].....	San Joaquin.....							T.			T.																								T.	
Healdsburg [III].....	Coast.....							.02	T.																										0.48	
Hollister [III].....	do.....							.01																											0.09	
(INDEPENDENCE***.....																																				0.03
Indio.....	Coachella Val.....																																			0.52
Inskip.....	Sacramento.....							.20			.31																							1.81		
Kennett.....	do.....							.13			.07	.01																						1.01		
King City.....	Coast.....																																			0.01
La Porte.....	Sacramento.....							.10			.38																							1.67		
Lemon Cove [III].....	San Joaquin.....							T.			T.																								0.23	
Lick Observatory.....	Coast.....							.05	.04	.01	T.	T.																					0.68			
Lindsay.....	San Joaquin.....																																		0.12	
Lone Pine.....	Owens.....																																		0.20	
LOS ANGELES***.....	Coast.....																																		0.46	
McCloud.....	Sacramento.....							.26			.11																							0.59		
Madelaine.....	Mountain Lakes.....							T.			.06	.25																						0.40		
Marysville [III].....	Sacramento.....																																		0.48	
Mecca.....	Coachella Val.....																																		0.58	
Merced [III].....	San Joaquin.....							.01			.07	.02																					0.04			
Mt. TAMALPAIS***.....	Coast.....																																		1.09	
Mount Wilson.....	do.....																																		1.72	
Napa.....	do.....																																		0.30	
Needles.....	Colorado.....																																		0.82	
Nevada City.....	Sacramento.....							.28	.40		.29																						1.61			
Newman.....	San Joaquin.....																																		0.00	
Oakland.....	Coast.....							.06			T.	.09																					0.71			
Orland.....	Sacramento.....																																		0.19	
Oroville (near).....	do.....										.12		.08	.02																			0.67			
Pasadena.....	Coast.....																																			

Daily Temperature for November, 1919.

Stations.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
Bakersfield.....	70	71	76	77	75	65	63	61	70	70	71	73	76	77	76	75	68	63	73	75	65	72	72	65	50	54	64	60	60	69.1		
.....Maximum	32	34	38	45	39	50	42	39	32	33	34	33	33	34	33	32	33	37	37	35	35	40	40	38	46	33	30	28	29	36.0		
.....Minimum	32	34	38	45	39	50	42	39	32	33	34	33	33	34	33	32	33	37	37	35	35	40	40	38	46	33	30	28	29	35.6		
Calexico.....	79	81	83	85	83	83	72	68	73	77	77	79	80	77	84	88	80	84	83	67	78	78	75	74	77	73	51	59	58	63	75.6	
.....Maximum	41	37	39	41	46	43	45	46	41	36	35	38	42	40	42	44	45	47	46	53	52	56	52	52	52	49	33	31	31	43.7		
Chico.....	73	74	75	64	69	62	66	65	63	62	69	70	70	73	72	71	71	69	75	77	79	79	83	71	63	55	60	58	58	68.5		
.....Maximum	32	41	38	40	36	34	37	28	25	31	32	32	34	35	38	31	32	38	29	34	30	36	33	44	37	29	27	31	34.1			
Escondido.....	78	79	77	73	71	69	65	69	74	74	80	83	81	81	82	82	82	66	70	82	76	79	76	63	54	48	55	60	61	72.2		
.....Maximum	37	40	40	41	44	44	44	40	39	35	36	39	41	42	40	45	47	45	41	46	47	64	53	49	30	31	32	31	32	42.5		
Eureka.....	60	57	65	58	51	56	52	51	53	54	55	51	44	51	61	60	57	53	52	52	53	52	52	49	49	50	54	53	54.3			
Fresno.....	68	69	73	72	67	67	60	57	62	65	65	70	71	71	73	71	65	69	69	74	69	68	66	48	50	58	55	58	65.7			
.....Maximum	38	43	46	49	46	41	44	35	38	33	36	40	41	41	41	41	43	40	43	38	44	41	41	32	30	34	42	40.4				
Independence.....	62	68	70	68	64	55	48	62	60	63	64	64	66	68	65	66	53	61	69	68	71	64	58	52	52	49	48	60.7				
.....Maximum	27	30	32	35	42	33	36	33	31	30	29	32	29	31	34	28	34	33	36	40	43	41	34	24	18	24	19	25	31.5			
Los Angeles.....	77	75	72	66	67	68	65	66	71	70	79	82	82	80	88	79	86	79	65	74	82	77	75	79	61	57	54	56	61	71.4		
.....Maximum	54	54	51	48	53	49	52	49	48	47	48	49	55	57	54	58	62	56	50	60	62	59	58	56	48	40	37	41	43	51.6		
Merced.....	69	71	71	70	66	65	61	61	61	63	63	68	68	68	63	70	68	66	67	66	69	65	69	58	52	51	56	56	65.0			
Mount Tamalpais.....	60	63	62	53	55	44	54	55	55	58	56	63	63	63	66	61	51	59	62	60	66	66	63	63	47	43	54	47	47	57.8		
Oakland.....	64	62	63	58	55	52	53	59	55	62	66	65	65	68	70	69	66	62	66	62	55	58	56	44	28	27	42	37	38	45.7		
.....Maximum	44	45	45	51	44	43	46	45	47	43	44	40	46	46	46	46	49	52	48	56	52	49	47	45	36	46	42	42	46.4			
Orland.....	72	72	75	66	67	63	61	64	65	65	70	69	71	71	73	61	68	65	76	78	80	81	70	53	53	61	47	41	66.4			
Oroville.....	39	40	41	41	39	34	39	46	34	32	31	31	31	30	31	32	31	30	36	35	40	47	37	34	33	37	36	37	38.8			
Paso Robles.....	73	76	77	70	70	70	63	64	65	74	70	74	78	78	78	75	71	76	81	75	71	67	58	50	57	61	59	70.2				
.....Maximum	22	28	29	30	42	30	34	31	20	21	22	22	22	24	22	23	23	25	22	31	30	26	30	25	35	48	32	11	27.2			
Point Reyes.....	59	54	53	55	52	55	52	50	49	52	49	54	51	58	60	70	75	65	64	72	67	56	52	51	53	49	51	51	56.8			
.....Maximum	47	48	48	50	47	46	45	45	44	45	42	42	42	45	45	47	46	47	49	57	50	47	49	46	38	46	44	47	46.5			
Pomona.....	75	77	76	72	69	68	65	65	73	73	70	80	81	82	81	87	80	82	85	83	82	83	82	79	77	70	61	54	60	71.7		
Porterville.....	30	30	34	35	44	35	45	31	27	29	31	32	32	31	32	31	30	38	34	34	30	32	35	27	27	35	33	33	35.3			
Red Bluff.....	33	40	38	42	44	48	41	36	33	32	33	33	36	36	37	36	36	36	37	35	36	36	37	35	34	33	34	33	36.2			
Red Bluff.....	38	43	43	42	40	33	35	41	40	37	35	37	35	37	35	37	35	38	35	38	38	38	38	37	32	32	32	32	38.6			
Redlands.....	76	78	77	75	68	68	62	60	68	72	76	73	79	80	84	87	77	80	67	68	77	73	78	81	59	52	44	52	57	70.4		
.....Maximum	35	40	41	42	43	39	49	41	34	34	36	42	42	42	42	43	44	44	47	49	56	50	50	55	32	29	28	31	41.6			
Sacramento.....	71	70	74	70	66	66	62	62	64	67	68	69	65	70	70	70	64	67	65	68	70	67	59	57	49	50	49	64.6				
.....Maximum	39	43	44	47	43	39	41	39	38	38	41	40	40	40	40	39	42	39	41	44	47	40	41	39	38	33	30	36	39	40.1		
San Bernardino.....	80	81	80	78	70	72	66	64	69	77	78	80	84	85	87	83	85	85	86	76	78	81	85	88	85	83	85	85	87	78.0		
San Bernardino.....	30	33	35	37	34	36	35	31	30	31	32	33	33	35	35	35	35	34	34	35	36	35	35	35	31	27	27	31	34	38.6		
San Diego.....	71	71	68	66	66	66	62	64	64	67	73	68	68	75	71	71	60	60	62	82	80	73	68	61	60	54	56	59	59	66.8		
.....Maximum	49	49	52	57	53	55	50	45	44	45	48	51	50	51	50	51	50	53	54	52	59	57	56	56	53	42	36	41	41	50.3		
San Francisco.....	66	64	68	61	64	59	57	65	65	54	66	66	68	68	65	70	65	65	65	62	67	68	63	58	52	61	51	55	63.8			
.....Maximum	49	50	50	52	49	45	48	50	48	47	46	43	48	48	47	48	48	47	48	48	47	48	48	47	46	46	46	46	48.2			
San Jose.....	70	67	71	66	65	62	62	65	65	61	61	66	66	71	72	71	76	76	69	64	70	73	73	72	71	67	59	50	61	66.5		
.....Maximum	33	38	38	41	40	33	44	38	32	32	42	39	34	35	34	33	34	36	37	34	35	36	35	36	31	31	32	32	37.6			
San Luis Obispo.....	54	47	46	43	48	47	45	40	33	32	37	42	37	35	35	46	44	43	49	53	50	48	43	38	42	33	24	29	35	41.9		
.....Maximum	78	75	77	71	66	61	62	62	69	63	74	79	82	78	83	86	67	70	83	89	81	81	83	86	85	86	82	82	72.4			
Santa Barbara.....	40	43	45	53	45	46	46	48	37	35	36	36	41	41	43	38	40	47	39	50	47	45	52	38	30	34	38	43.1				
.....Maximum	68	70	71	62	67	61	59	69	70	60	67	74	72	72	70	76	75	63	74	74	75	71	75	77	57	57	68	55	68.1			
Santa Rosa.....	29	34	38	38	32	26	21	27	27	28	30	29	30	29	30	29	34	35	45	35	30	30	29	32	37	28	36	37	33.1			
.....Maximum	71	69	72	68	64	60	63	64	68	66	69	66	60	67	66	60	65	67	65	67	65	67	65	67	50	62	59	50	63.8			
Stockton.....	37	41	42																													