

11313500 Salt Springs Reservoir near West Point, CA

San Joaquin River Basin

LOCATION.--Lat 38°29'55", long 120°12'52" referenced to North American Datum of 1927, in NW ¼ SE ¼ sec.33, T.8 N., R.16 E., Calaveras County, CA, Hydrologic Unit 18040012, in Eldorado National Forest, near center of Salt Springs Dam on North Fork Mokelumne River, 1.8 mi upstream from Cole Creek, and 18 mi northeast of West Point.

DRAINAGE AREA.--169 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 1931 to current year. Prior to October 1964, records published as usable contents.

REVISED RECORDS.--WSP 1930: Drainage area. WDR CA-00-3: 1999 (month-end gage heights). WDR US-2008: 2007 (daily, change in contents).

GAGE.--Water-stage recorder. Prior to Oct. 1, 1991, nonrecording gage read once daily. Datum of gage is NGVD of 1929 (levels by Pacific Gas and Electric Company).

COOPERATION.--Records, including release through Salt Springs Powerplant (station 11313510), were provided by Pacific Gas and Electric Company, under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 137.

REMARKS.--Reservoir is formed by concrete-faced rock-fill dam, completed in 1931; storage began in March 1931. Capacity, 141,857 acre-ft, between elevations 3,667.75 ft, outlet drain, and 3,958.0 ft, top of radial gates. Storage of 1,860 acre-ft available for release to river only. Water is released through Salt Springs Powerplant just downstream from dam and discharged into Tiger Creek Powerplant Conduit (station 11314000). Figures given, including extremes, represent total contents. See schematic diagram of Mokelumne River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 142,208 acre-ft, June 22, 1999, elevation, 3,958.36 ft; no contents at times in 1932-33, 1945, 1962.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 115,000 acre-ft, June 9-14, maximum elevation, 3,929.87 ft, June 13; minimum, 39,400 acre-ft, Mar. 13, elevation, 3,823.26 ft.

**Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on table provided by Pacific Gas and Electric Company, dated October 1964)**

Elevation	Contents	Elevation	Contents	Elevation	Contents	Elevation	Contents
3,700	1,251	3,735	6,230	3,760	12,690	3,850	54,852
3,710	2,199	3,740	7,324	3,780	19,632	3,900	90,786
3,720	3,519	3,750	9,799	3,800	28,017	3,960	143,788
3,730	5,229						

11313500 Salt Springs Reservoir near West Point, CA—Continued

RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY OBSERVATION AT 2400 HOURS

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	75,700	54,700	45,500	60,900	56,300	44,100	41,900	81,600	112,000	108,000	88,800	73,000
2	75,200	53,700	51,800	60,600	56,100	43,700	42,200	83,300	112,000	108,000	88,200	72,700
3	74,700	52,800	53,400	60,300	55,900	43,400	42,500	85,000	113,000	107,000	87,500	72,400
4	73,900	51,800	54,300	60,100	55,700	42,900	43,200	86,600	114,000	107,000	86,900	72,100
5	73,200	50,900	56,700	59,800	55,500	42,500	43,900	87,900	114,000	107,000	86,300	71,700
6	72,400	50,800	58,600	59,800	55,300	42,100	44,500	89,300	114,000	107,000	86,300	71,400
7	71,800	50,100	59,300	59,600	55,100	41,600	45,000	90,200	114,000	107,000	86,300	71,100
8	71,100	49,500	59,600	59,500	54,800	41,200	46,300	91,100	114,000	107,000	86,100	70,800
9	70,500	49,000	59,800	59,700	54,500	40,700	47,200	92,300	115,000	107,000	85,200	70,200
10	69,700	48,400	59,900	59,700	54,200	40,300	48,100	93,700	115,000	107,000	84,200	69,600
11	69,100	47,800	59,900	59,600	53,800	39,900	49,400	95,500	115,000	106,000	83,300	69,000
12	68,400	47,100	60,100	59,500	53,300	39,600	51,100	97,400	115,000	106,000	e82,200	68,300
13	67,700	46,300	60,200	59,400	52,700	39,400	53,100	99,200	115,000	105,000	81,300	67,700
14	67,000	45,600	60,000	59,300	52,200	39,500	54,700	101,000	115,000	104,000	80,600	67,000
15	66,200	44,900	60,000	59,100	51,700	39,700	55,700	102,000	114,000	103,000	80,100	66,200
16	65,300	44,300	60,100	58,900	51,100	39,800	56,100	104,000	114,000	102,000	79,500	66,100
17	64,400	44,200	60,500	58,600	50,600	39,800	56,200	105,000	113,000	101,000	79,000	66,000
18	63,500	44,200	60,600	58,300	50,100	39,800	56,100	106,000	113,000	99,900	78,500	65,900
19	62,600	44,100	60,600	58,000	49,600	39,700	56,100	107,000	112,000	99,000	78,200	65,400
20	61,600	43,800	60,700	57,700	49,100	40,100	56,500	108,000	111,000	98,100	77,800	64,300
21	60,800	43,900	60,700	57,400	48,600	40,300	57,900	109,000	111,000	97,100	77,400	e63,400
22	60,700	43,900	60,900	57,200	48,000	40,300	60,200	109,000	110,000	96,200	76,900	e62,600
23	60,500	43,700	61,000	56,900	47,500	40,200	62,500	110,000	110,000	95,300	76,400	e61,800
24	60,300	43,400	61,200	56,700	46,900	40,100	64,600	110,000	109,000	94,500	76,000	e61,000
25	60,000	43,200	61,300	57,000	46,400	40,100	66,500	110,000	109,000	93,700	75,600	60,400
26	59,800	42,900	61,400	57,200	45,800	40,100	68,600	109,000	109,000	93,000	75,200	59,500
27	59,300	42,600	61,400	57,300	45,300	40,000	71,100	109,000	109,000	92,200	74,800	58,900
28	58,400	42,500	61,400	56,800	44,600	40,100	73,700	111,000	109,000	91,500	74,400	58,000
29	57,500	42,400	61,400	56,700	---	40,300	76,500	112,000	108,000	90,800	74,100	57,300
30	56,600	44,300	61,300	56,600	---	40,600	79,400	112,000	108,000	90,200	73,700	56,600
31	55,600	---	61,200	56,500	---	41,400	---	112,000	---	89,500	73,400	---
Max	75,700	54,700	61,400	60,900	56,300	44,100	79,400	112,000	115,000	108,000	88,800	73,000
Min	55,600	42,400	45,500	56,500	44,600	39,400	41,900	81,600	108,000	89,500	73,400	56,600
Elevation, in feet, at end of month	3,851.24	3,832.16	3,859.71	3,852.54	3,832.80	3,826.93	3,885.25	3,926.92	3,922.30	3,898.69	3,877.16	3,853.83
Change in contents, in acre-feet	-20,600	-11,300	+16,900	-4,700	-11,900	-3,200	+38,000	+32,600	-4,000	-18,500	-16,100	-16,800
Release, in acre-feet, through Salt Springs Powerplant	3,890	8,270	13,210	13,560	5,440	797	477	3,500	4,070	3,520	7,970	3,930

	Calendar Year 2012	Water Year 2013
Max	142,000	115,000
Min	42,400	39,400
Change in contents, in acre-feet	-4,400	-19,600
Release, in acre-feet, through Salt Springs Powerplant	71,730	68,630

11313500 Salt Springs Reservoir near West Point, CA—Continued

