Water-Data Report 2013

11295900 Pinecrest Lake at Pinecrest, CA

San Joaquin River Basin

LOCATION.--Lat 38°11′57″, long 119°59′20″ referenced to North American Datum of 1927, in NE ¼ SW ¼ sec.15, T.4 N., R.18 E., Tuolumne County, CA, Hydrologic Unit 18040010, Stanislaus National Forest, in building on left end of dam on South Fork Stanislaus River, and 0.7 mi north of Pinecrest.

DRAINAGE AREA.--26.6 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1985 to current year. Unpublished records for water years 1981-85 available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder since July 14, 1992. Oct. 1, 1985, to July 13, 1992, nonrecording gage read once daily. Datum of gage is NGVD of 1929 (levels by Pacific Gas and Electric Company).

COOPERATION.--Records were collected by Pacific Gas and Electric Company, under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 2130.

REMARKS.--Reservoir is formed by concrete-faced, rock-fill dam, completed in 1916; storage began in 1916. Capacity, 18,312 acre-ft, between elevations 5,498.7 ft, outlet drain, and 5,617.5 ft, top of flash boards in spillway. Released water flows down South Fork Stanislaus River to diversion dam for Philadelphia Canal (station 11297000) for use at Spring Gap Powerplant on Middle Fork Stanislaus River. Figures given, including extremes, represent total contents. Records since July 14, 1992, including extremes, represent total contents at 2400 hours. See schematic diagram of Stanislaus River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 18,582 acre-ft, June 5, 1997, elevation, 5,618.39 ft; minimum, 380 acre-ft, estimated, Jan. 30, Feb. 24, 25, 2002, elevation unknown.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 18,400 acre-ft, May 28, June 3, 9, maximum elevation, 5,617.70 ft, May 28; minimum, 5,690 acre-ft, Mar. 1, elevation, 5,566.29 ft.

Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on table provided by Pacific Gas and Electric Company, dated 1938)

Elevation	Contents	Elevation	Contents	Elevation	Contents
5,520	792	5,550	3,534	5,580	8,576
5,530	1,558	5,560	4,738	5,600	13,537
5,540	2,475	5,570	6,395	5,618.5	18,615

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 11295900, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/11295900.2013.pdf

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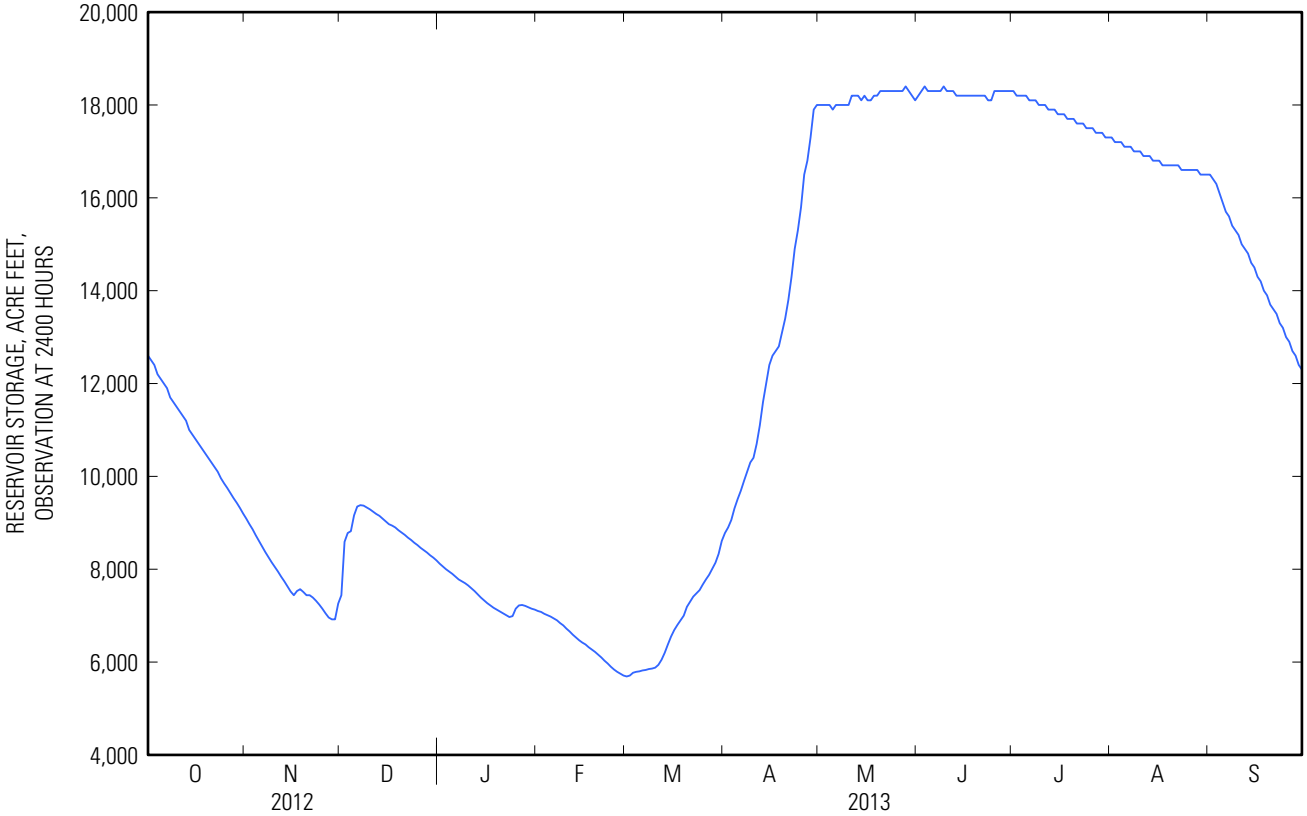
RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY OBSERVATION AT 2400 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12,600	9,090	7,440	8,120	7,100	5,690	8,780	18,000	18,200	18,300	17,300	16,500
2	12,500	8,970	8,590	8,060	7,080	5,710	8,900	18,000	18,300	18,200	17,200	16,400
3	12,400	8,860	8,780	8,000	7,040	5,770	9,060	18,000	18,400	18,200	17,200	16,300
4	12,200	8,730	8,820	7,950	7,010	5,790	9,310	18,000	18,300	18,200	17,200	16,100
5	12,100	8,610	9,160	7,900	6,980	5,800	9,510	17,900	18,300	18,200	17,100	15,900
6	12,000	8,490	9,350	7,840	6,940	5,820	9,690	18,000	18,300	18,100	17,100	15,700
7	11,900	8,370	9,380	7,780	6,900	5,830	9,900	18,000	18,300	18,100	17,100	15,600
8	11,700	8,260	9,370	7,740	6,840	5,850	10,100	18,000	18,300	18,100	17,000	15,400
9	11,600	8,150	9,330	7,700	6,790	5,860	10,300	18,000	18,400	18,000	17,000	15,300
10	11,500	8,050	9,290	7,650	6,720	5,880	10,400	18,000	18,300	18,000	17,000	15,200
11	11,400	7,950	9,240	7,590	6,660	5,940	10,700	18,200	18,300	18,000	16,900	15,000
12	11,300	7,840	9,190	7,530	6,590	6,050	11,100	18,200	18,300	17,900	16,900	14,900
13	11,200	7,740	9,150	7,460	6,530	6,200	11,600	18,200	18,200	17,900	16,900	14,800
14	11,000	7,630	9,090	7,390	6,470	6,380	12,000	18,100	18,200	17,900	16,800	14,600
15	10,900	7,520	9,030	7,330	6,420	6,550	12,400	18,200	18,200	17,800	16,800	14,500
16	10,800	7,440	8,970	7,270	6,380	6,690	12,600	18,100	18,200	17,800	16,800	14,300
17	10,700	7,530	8,940	7,220	6,320	6,800	12,700	18,100	18,200	17,800	16,700	14,200
18	10,600	7,570	8,900	7,170	6,270	6,900	12,800	18,200	18,200	17,700	16,700	14,000
19	10,500	7,510	8,840	7,130	6,220	7,000	13,100	18,200	18,200	17,700	16,700	13,900
20	10,400	7,440	8,790	7,090	6,160	7,190	13,400	18,300	18,200	17,700	16,700	13,700
21	10,300	7,440	8,740	7,050	6,100	7,300	13,800	18,300	18,200	17,600	16,700	13,600
22	10,200	7,390	8,680	7,010	6,030	7,410	14,300	18,300	18,200	17,600	16,700	13,500
23	10,100	7,320	8,630	6,970	5,970	7,480	14,900	18,300	18,100	17,600	16,600	13,300
24	9,960	7,240	8,570	6,990	5,900	7,550	15,300	18,300	18,100	17,500	16,600	13,200
25	9,850	7,150	8,520	7,150	5,840	7,670	15,800	18,300	18,300	17,500	16,600	13,000
26	9,750	7,050	8,460	7,220	5,790	7,780	16,500	18,300	18,300	17,500	16,600	12,900
27	9,640	6,960	8,410	7,230	5,750	7,880	16,800	18,300	18,300	17,400	16,600	12,700
28	9,530	6,920	8,360	7,210	5,710	8,010	17,300	18,400	18,300	17,400	16,600	12,600
29	9,430	6,920	8,300	7,180	---	8,140	17,900	18,300	18,300	17,400	16,500	12,400
30	9,320	7,260	8,250	7,150	---	8,330	18,000	18,200	18,300	17,300	16,500	12,300
31	9,200	---	8,190	7,130	---	8,610	---	18,100	---	17,300	16,500	---
Max	12,600	9,090	9,380	8,120	7,100	8,610	18,000	18,400	18,400	18,300	17,300	16,500
Min	9,200	6,920	7,440	6,970	5,710	5,690	8,780	17,900	18,100	17,300	16,500	12,300
Gage height, in feet, at end of month												
	5,582.68	5,574.14	5,578.31	5,573.50	5,566.37	5,580.16	5,616.60	5,616.93	5,617.38	5,614.01	5,610.17	5,595.18
Change in contents, in acre-feet												
	-3,500	-1,940	+930	-1,060	-1,420	+2,900	+9,390	+100	+200	-1,000	-800	-4,200

	Calendar Year 2012	Water Year 2013
Max	18,400	18,400
Min	4,050	5,690
Change in contents, in acre-feet	+2,820	-400

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