

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, in Stanislaus National Forest, on south side of intake tower, 400 ft upstream from dam on South Fork Stanislaus River, and 0.7 mi north of Pinecrest.

DRAINAGE AREA.--26.6 mi².

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 Unpublished records for water years 1981-85 available in files of the U.S. Geological Survey.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, 18,300 acre-ft, many days in May and June, maximum elevation, 5,617.62 ft, June 21; minimum, 3,520 acre-ft, Mar. 8, elevation, 5,549.92 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

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RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY OBSERVATION AT 2400 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12,200	8,980	6,270	4,920	4,200	3,590	4,470	10,600	18,300	18,000	16,800	15,800
2	12,100	8,870	6,220	4,880	4,170	3,590	4,470	10,900	18,300	18,000	16,800	15,800
3	12,000	8,760	6,160	4,840	4,150	3,580	4,490	11,300	18,300	17,900	16,800	15,600
4	11,900	8,650	6,130	4,910	4,110	3,580	4,550	11,600	18,300	17,800	16,700	15,600
5	11,800	8,540	6,070	4,910	4,090	3,570	4,620	11,900	18,300	17,700	16,700	15,500
6	11,700	8,430	6,050	4,880	4,050	3,560	4,700	12,400	18,300	17,600	16,700	15,400
7	11,500	8,320	6,030	4,840	4,010	3,540	4,770	12,900	18,300	17,600	16,700	15,300
8	11,400	8,210	5,980	4,820	3,970	3,520	4,840	13,400	18,300	17,500	16,700	15,300
9	11,300	8,090	5,950	4,790	3,940	3,530	4,870	13,900	18,300	17,500	16,700	15,200
10	11,200	8,000	5,910	4,770	3,920	3,550	4,930	14,300	18,300	17,500	16,700	15,100
11	11,100	7,910	5,860	4,750	3,890	3,580	5,100	14,900	18,200	17,400	16,600	15,000
12	11,000	7,820	5,820	4,720	3,880	3,600	5,340	15,300	18,300	17,400	16,600	14,900
13	10,900	7,720	5,780	4,700	3,880	3,810	5,660	15,700	18,300	17,300	16,600	14,800
14	10,800	7,610	5,740	4,670	3,840	3,920	6,010	16,500	18,300	17,300	16,600	14,700
15	10,700	7,500	5,690	4,640	3,810	3,940	6,290	17,000	18,300	17,300	16,600	14,600
16	10,600	7,400	5,640	4,620	3,790	3,920	6,500	17,800	18,200	17,200	16,600	14,500
17	10,500	7,300	5,580	4,590	3,780	3,900	6,770	18,000	18,100	17,200	16,600	14,400
18	10,400	7,190	5,550	4,560	3,770	3,900	7,100	18,000	18,200	17,200	16,500	14,300
19	10,300	7,090	5,490	4,530	3,760	3,930	7,380	18,100	18,300	17,200	16,500	14,100
20	10,200	6,980	5,460	4,500	3,750	3,960	7,580	18,100	18,300	17,200	16,500	14,000
21	10,100	6,890	5,410	4,470	3,720	3,980	7,700	18,000	18,300	17,100	16,500	13,900
22	10,100	6,800	5,370	4,440	3,700	4,020	7,810	17,900	18,300	17,100	16,500	13,700
23	9,950	6,730	5,330	4,420	3,680	4,090	7,920	18,000	18,300	17,100	16,500	13,600
24	9,840	6,650	5,300	4,380	3,670	4,180	7,990	18,100	18,300	17,000	16,400	13,500
25	9,730	6,590	5,250	4,350	3,630	4,250	8,110	18,100	18,300	17,000	16,400	13,400
26	9,620	6,540	5,200	4,310	3,590	4,310	8,380	18,100	18,200	17,000	16,300	13,200
27	9,520	6,480	5,150	4,330	3,560	4,370	8,900	18,100	18,200	16,900	16,300	13,100
28	9,410	6,430	5,110	4,310	3,550	4,410	9,460	18,200	18,200	16,900	16,200	13,000
29	9,300	6,370	5,060	4,280	3,570	4,440	9,970	18,200	18,100	16,900	16,100	12,900
30	9,190	6,330	5,020	4,250	---	4,460	10,300	18,300	18,100	16,900	16,000	12,700
31	9,090	---	4,970	4,220	---	4,460	---	18,300	---	16,900	15,900	---
Max	12,200	8,980	6,270	4,920	4,200	4,460	10,300	18,300	18,300	18,000	16,800	15,800
Min	9,090	6,330	4,970	4,220	3,550	3,520	4,470	10,600	18,100	16,900	15,900	12,700
Gage height, in feet, at end of month	5,582.19	5,569.65	5,561.72	5,555.86	5,550.35	5,557.81	5,587.41	5,617.53	5,616.77	5,612.45	5,608.72	5,596.93
Change in contents, in acre-feet	-3,210	-2,760	-1,360	-750	-650	+890	+5,840	+8,000	-200	-1,200	-1,000	-3,200

	Calendar Year 2007	Water Year 2008
Max	18,400	18,300
Min	4,710	3,520
Change in contents, in acre-feet	-120	+400

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