

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, 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 Unpublished records for water years 1981-85 available in files of the U.S. Geological Survey.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, rockfill 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.

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, several days in June and July, maximum elevation, 5,617.57 ft, July 16, 17; minimum, 4,640 acre-ft, Nov. 28, elevation, 5,559.25 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 2005 TO SEPTEMBER 2006
DAILY OBSERVATION AT 2400 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11,500	7,290	5,220	10,300	11,300	14,300	14,900	17,200	17,200	18,200	17,500	16,600
2	11,300	7,150	5,500	10,600	11,600	14,500	14,900	17,200	17,300	18,200	17,500	16,600
3	11,200	7,000	5,520	10,700	11,800	14,600	15,300	17,100	17,300	18,200	17,400	16,500
4	11,100	6,850	5,520	10,800	11,900	14,600	15,500	17,100	17,300	18,200	17,400	16,500
5	10,900	6,720	5,500	10,900	11,900	14,700	15,500	17,100	17,300	18,300	17,400	16,400
6	10,800	6,590	5,470	11,000	12,000	14,700	15,400	17,100	17,300	18,300	17,400	16,200
7	10,700	6,450	5,450	11,000	12,000	14,700	15,400	17,100	17,300	18,200	17,300	16,100
8	10,500	6,370	5,460	11,100	12,000	14,800	15,400	17,100	17,200	18,200	17,300	15,900
9	10,400	6,280	5,430	11,100	12,000	14,800	15,300	17,200	17,200	18,200	17,300	15,800
10	10,300	6,170	5,420	11,100	12,000	14,800	15,300	17,200	17,200	18,200	17,300	15,700
11	10,200	6,050	5,400	11,200	12,000	14,800	15,200	17,200	17,100	18,200	17,200	15,600
12	10,000	5,920	5,370	11,200	12,100	14,800	15,200	17,200	17,500	18,200	17,200	15,400
13	9,900	5,800	5,340	11,300	12,100	14,800	15,200	17,300	17,600	18,300	17,200	15,400
14	9,770	5,690	5,310	11,300	12,100	14,800	15,300	17,300	17,600	18,300	17,200	15,200
15	9,650	5,590	5,280	11,400	12,100	14,800	15,300	17,300	17,600	18,300	17,100	15,100
16	9,510	5,490	5,240	11,400	12,100	14,800	15,300	17,300	17,700	18,300	17,100	15,000
17	9,380	5,390	5,200	11,400	12,100	14,800	15,300	17,400	17,700	18,300	17,100	14,900
18	9,250	5,290	5,270	11,400	12,100	14,800	15,200	17,400	17,700	18,300	17,000	14,800
19	9,110	5,190	5,390	11,400	12,100	14,700	15,200	17,300	17,800	18,300	17,000	14,700
20	8,970	5,080	5,440	11,400	12,100	14,700	15,300	17,200	18,000	18,300	17,000	14,500
21	8,820	4,990	5,500	11,400	12,100	14,700	15,400	17,300	18,100	18,300	17,000	14,400
22	8,680	4,920	6,030	11,400	12,000	14,700	15,600	17,100	18,100	18,200	16,900	14,300
23	8,530	4,860	6,450	11,300	12,000	14,700	15,600	17,100	18,000	18,200	16,900	14,200
24	8,400	4,800	6,590	11,300	12,000	14,700	15,700	17,200	18,100	18,100	16,900	14,100
25	8,250	4,760	6,680	11,300	12,000	14,800	16,000	17,200	18,100	18,000	16,900	14,000
26	8,110	4,720	6,800	11,300	12,000	14,800	16,300	17,200	18,200	17,900	16,800	13,800
27	8,000	4,680	6,900	11,300	13,000	14,800	16,600	17,100	18,300	17,900	16,800	13,700
28	7,870	4,640	7,510	11,300	14,100	14,900	16,700	17,000	18,200	17,800	16,700	13,600
29	7,710	4,780	7,690	11,300	---	14,900	16,900	17,000	18,200	17,700	16,700	13,500
30	7,570	4,870	8,140	11,300	---	14,900	17,100	17,100	18,200	17,600	16,700	13,300
31	7,430	---	10,000	11,300	---	14,900	---	17,200	---	17,500	16,700	---
Max	11,500	7,290	10,000	11,400	14,100	14,900	17,100	17,400	18,300	18,300	17,500	16,600
Min	7,430	4,640	5,200	10,300	11,300	14,300	14,900	17,000	17,100	17,500	16,700	13,300
Gage height, in feet, at end of month	5,574.90	5,560.95	5,586.06	5,591.26	5,602.09	5,605.10	5,613.28	5,613.70	5,617.23	5,614.66	5,611.48	5,599.17
Change in contents, in acre-feet	-4,170	-2,560	+5,130	+1,300	+2,800	+800	+2,200	+100	+1,000	-700	-800	-3,400

	Calendar Year 2005	Water Year 2006
Max	18,300	18,300
Min	4,490	4,640
Change in contents, in acre-feet	+5,150	+1,700

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