

**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 mi<sup>2</sup>.

**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 Unpublished records for water years 1981-85 available in files of the U.S. Geological Survey.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 10, 14-17, maximum elevation, 5,617.76 ft, May 15; minimum, 4,710 acre-ft, Feb. 2-4, minimum elevation, 5,559.77 ft, Feb. 4.

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

<b>Elevation</b>	<b>Contents</b>	<b>Elevation</b>	<b>Contents</b>	<b>Elevation</b>	<b>Contents</b>
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 2006 TO SEPTEMBER 2007**  
**DAILY OBSERVATION AT 2400 HOURS**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13,200	9,040	6,090	5,060	4,720	5,310	9,450	16,900	18,300	17,700	16,800	15,000
2	13,100	8,900	6,000	5,030	4,710	5,300	9,660	17,200	18,300	17,700	16,800	14,900
3	12,900	8,770	5,920	5,010	4,710	5,300	9,900	17,500	18,300	17,600	16,700	14,900
4	12,800	8,640	5,870	5,130	4,710	5,330	10,200	17,700	18,300	17,600	16,700	14,800
5	12,700	8,500	5,880	5,130	4,720	5,340	10,400	17,800	18,300	17,600	16,700	14,700
6	12,600	8,350	5,850	5,120	4,740	5,350	10,800	17,900	18,300	17,600	16,700	14,700
7	12,400	8,190	5,780	5,100	4,730	5,380	11,200	18,000	18,300	17,500	16,700	14,600
8	12,300	8,040	5,740	5,080	4,730	5,420	11,600	18,200	18,300	17,500	16,700	14,500
9	12,200	7,900	5,700	5,060	4,820	5,450	11,900	18,300	18,200	17,500	16,600	14,500
10	12,000	7,770	5,660	5,030	5,060	5,480	12,200	18,400	18,200	17,400	16,600	14,400
11	11,900	7,650	5,630	4,980	5,220	5,560	12,400	18,300	18,200	17,400	16,600	14,200
12	11,800	7,540	5,620	4,940	5,260	5,700	12,600	18,300	18,200	17,400	16,500	14,100
13	11,600	7,470	5,660	4,900	5,270	5,850	12,700	18,200	18,200	17,400	16,500	14,000
14	11,500	7,750	5,670	4,860	5,270	6,050	12,800	18,400	18,200	17,300	16,500	13,900
15	11,300	7,680	5,670	4,830	5,250	6,250	13,100	18,400	18,200	17,300	16,400	13,800
16	11,200	7,590	5,650	4,800	5,280	6,510	13,100	18,400	18,100	17,300	16,300	13,700
17	11,100	7,480	5,620	4,770	5,320	6,790	13,300	18,400	18,100	17,200	16,200	13,600
18	10,900	7,390	5,570	4,770	5,350	7,070	13,400	18,300	18,100	17,200	16,100	13,500
19	10,800	7,290	5,540	4,760	5,360	7,330	13,500	18,300	18,100	17,200	16,000	13,400
20	10,700	7,190	5,490	4,740	5,360	7,560	13,500	18,300	18,000	17,200	15,900	13,300
21	10,500	7,080	5,480	4,740	5,360	7,720	13,600	18,300	18,000	17,100	15,800	13,200
22	10,400	6,980	5,450	4,740	5,350	7,820	13,700	18,300	18,000	17,100	15,700	13,100
23	10,300	6,870	5,390	4,730	5,350	7,970	13,800	18,200	17,900	17,100	15,600	13,000
24	10,100	6,760	5,350	4,730	5,340	8,160	14,000	18,300	17,900	17,000	15,500	12,900
25	9,990	6,650	5,300	4,730	5,340	8,400	14,300	18,300	17,900	17,000	15,500	12,800
26	9,860	6,540	5,260	4,730	5,350	8,630	14,500	18,300	17,800	17,000	15,400	12,700
27	9,720	6,440	5,220	4,730	5,340	8,800	14,900	18,300	17,800	17,000	15,300	12,600
28	9,580	6,350	5,190	4,730	5,330	8,940	15,400	18,300	17,800	16,900	15,300	12,500
29	9,450	6,260	5,150	4,730	---	9,040	16,000	18,300	17,800	16,900	15,200	12,400
30	9,310	6,180	5,120	4,730	---	9,130	16,600	18,300	17,700	16,900	15,100	12,300
31	9,180	---	5,090	4,720	---	9,270	---	18,300	---	16,800	15,100	---
<b>Max</b>	13,200	9,040	6,090	5,130	5,360	9,270	16,600	18,400	18,300	17,700	16,800	15,000
<b>Min</b>	9,180	6,180	5,090	4,720	4,710	5,300	9,450	16,900	17,700	16,800	15,100	12,300
<b>Gage height, in feet, at end of month</b>	5,582.56	5,568.89	5,562.59	5,559.89	5,564.13	5,582.94	5,610.83	5,617.31	5,615.50	5,612.38	5,605.84	5,595.16
<b>Change in contents, in acre-feet</b>	-4,120	-3,000	-1,090	-370	+610	+3,940	+7,330	+1,700	-600	-900	-1,700	-2,800

	Calendar Year 2006	Water Year 2007
<b>Max</b>	18,300	18,400
<b>Min</b>	5,090	4,710
<b>Change in contents, in acre-feet</b>	-4,910	-1,000

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