

Water-Data Report CA-2005

11413943 UPPER CASCADE LAKE NEAR SODA SPRINGS, CA

Sacramento River Basin

LOCATION.--Lat 39°18'02", long 120°26'02" referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.32, T.17 N., R.14 E., Placer County, Hydrologic Unit 18020125, in Tahoe National Forest, on outlet structure on Upper Cascade Lake Dam, and 3.4 mi southwest of Soda Springs.

DRAINAGE AREA.--0.58 mi².

WATER-STAGE RECORDS

PERIOD OF RECORD.--October 1999 to current year. Unpublished records for water years 1966-99 available in files of the U.S. Geological Survey.

GAGE.--Nonrecording gage observed intermittently during the summer months. Datum of gage is 6,607 ft above NGVD of 1929 (levels by Pacific Gas and Electric Company).

REMARKS.--Reservoir is formed by an earthfill dam completed in 1850. Usable capacity, 1,740 acre-ft, between gage heights 0.0 ft, invert of outlet, and 34.9 ft, crest of spillway. Water is used for power development downstream.

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. 2310.

Capacity table (gage height, in feet, and contents, in acre-feet)
(Based on survey by Pacific Gas and Electric Company, dated April 1965)

Elevation	Contents	Elevation	Contents	Elevation	Contents
0	0	16	557	32	1,507
8	246	24	971	35	1,744

11413943 UPPER CASCADE LAKE NEAR SODA SPRINGS, CA—Continued

RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	1,740	---	1,660	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	408	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	1,650	1,290
5	---	---	---	---	---	---	---	---	---	---	1,630	---
6	e354	---	---	---	---	---	---	---	---	---	1,630	---
7	---	---	---	---	---	---	---	---	---	1,720	1,620	1,230
8	---	---	---	---	---	---	---	---	---	---	1,620	---
9	---	---	---	---	---	---	---	---	---	---	---	1,190
10	---	---	---	---	---	---	---	---	---	1,710	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	1,590	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	226	---	---	---	---	---	---	---	---	1,700	---	1,010
17	---	16	---	---	---	---	---	---	---	---	---	---
18	218	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	1,540	---
21	---	---	---	---	---	---	---	---	---	---	---	855
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	1,690	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	1,740	---	---	---
28	---	---	---	---	---	---	---	---	---	---	1,380	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	1,730	---	---	---
31	---	---	---	---	---	---	---	---	---	1,660	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---