

Water-Data Report 2007

11416590 Lower Rock Lake near Graniteville, CA

Sacramento River Basin

LOCATION.--Lat 39°25'43", long 120°37'18" referenced to North American Datum of 1927, in SW ¼ NW ¼ sec.15, T.18 N., R.12 E., Nevada County, CA, Hydrologic Unit 18020125, in Tahoe National Forest, on outlet structure on Lower Rock Lake Dam on Texas Creek, and 6.4 mi east of Graniteville.

DRAINAGE AREA.--0.36 mi².

SURFACE-WATER RECORDS

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 Unpublished records for water years 1966-99 available in the files of the U.S. Geological Survey.

GAGE.--Nonrecording gage observed intermittently during the summer months. Elevation of gage is 6,622 ft above NGVD of 1929, from topographic map.

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.

REMARKS.--Lake is formed by earth-fill dam completed in 1855. Usable capacity, 48 acre-ft, between elevation 6,617.3 ft, invert of outlet valve, and 6,625.8 ft, crest of spillway. Figures given represent usable contents. See schematic of South Yuba River Basin available from the California Water Science Center.

**Capacity table (gage height, in feet, and contents, in acre-feet)
(Based on table dated April 1965)**

Elevation	Contents	Elevation	Contents	Elevation	Contents
0.1	0	4	19	8	44
2	9	6	31	9	51

11416590 Lower Rock Lake near Graniteville, CA—Continued

RESERVOIR STORAGE, ACRE FEET
 WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
 DAILY INSTANTANEOUS VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	47	48	---
2	---	---	---	---	---	---	---	---	48	---	---	43
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	27	---	---	---	---	---	---	---	---	47	---
5	32	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	48	---	42
7	31	---	---	---	---	---	---	---	---	---	---	41
8	---	---	---	---	---	---	---	---	48	---	---	---
9	---	---	---	---	---	---	---	---	---	---	47	---
10	---	24	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	48	---	40
13	29	---	---	---	---	---	---	---	---	---	46	---
14	---	---	---	---	---	---	---	---	48	---	---	---
15	---	31	---	---	---	---	---	---	---	---	46	41
16	---	---	---	---	---	---	---	---	---	47	---	---
17	---	---	---	---	---	---	---	---	---	---	46	---
18	---	---	---	---	---	---	---	---	---	47	---	---
19	---	---	---	---	---	---	---	---	---	---	---	39
20	27	---	---	---	---	---	---	---	---	47	46	---
21	---	19	---	---	---	---	---	---	---	---	---	39
22	---	---	---	---	---	---	---	---	48	---	---	---
23	---	---	---	---	---	---	---	48	---	---	---	---
24	---	---	---	---	---	---	---	49	---	---	---	---
25	---	---	---	---	---	---	---	---	---	48	44	---
26	---	4.0	---	---	---	---	---	49	---	---	---	---
27	25	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	48	47	---	38
29	---	---	---	---	---	---	---	---	---	---	43	---
30	---	---	---	---	---	---	---	---	48	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---