



Water-Data Report 2008

11414050 White Rock Lake near Soda Springs, CA

Sacramento River Basin

LOCATION.--Lat 39°25'05", long 120°23'16" referenced to North American Datum of 1927, in NW ¼ NE ¼ sec.22, T.18 N., R.14 E., Nevada County, CA, Hydrologic Unit 18020125, in Tahoe National Forest, on outlet structure on White Rock Lake Dam, and 6.5 mi north of Soda Springs.

DRAINAGE AREA.--1.12 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1999 to current year. Unpublished records for water years 1965-99 available in the files of the U.S. Geological Survey.

GAGE.--Non-recording gage read intermittently during the summer months. Elevation of gage is 7,818 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 an earth fill dam; storage began in 1850. The dam was rebuilt by Pacific Gas and Electric Company in 1984. Usable capacity, 570 acre-ft, between elevation 7,813.0 ft and 7,820.0 ft, spillway crest. Released water is used downstream in a power and irrigation system. See schematic diagram 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 provided by Pacific Gas and Electric Company, dated 1965)**

Gage Height	Contents	Gage Height	Contents	Gage Height	Contents
3.1	0	6.0	223	9.0	472
4.0	68	7.0	304	10.0	561
5.0	145	8.0	387	10.1	570

11414050 White Rock Lake near Soda Springs, CA—Continued

RESERVOIR STORAGE, ACRE FEET
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
 DAILY INSTANTANEOUS VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	304
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	561	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	570	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	561	---	---
13	---	---	---	---	---	---	---	---	---	---	412	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	552	---	---
17	---	---	---	---	---	---	---	---	---	---	---	239
18	---	---	---	---	---	---	---	---	570	---	---	---
19	---	---	---	---	---	---	---	570	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	525	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	223
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	570	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	223
29	---	---	---	---	---	---	---	---	---	490	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	490	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---