

Water-Data Report 2013

11434900 Lake Aloha near Phillips, CA

Sacramento River Basin

LOCATION.--Lat 38°51'36", long 120°08'11" referenced to North American Datum of 1927, in sec.30, T.12 N., R.17 E., El Dorado County, CA, Hydrologic Unit 18020129, Eldorado National Forest, on upstream face of dam at outlet structure, and 4.3 mi northwest of Phillips.

DRAINAGE AREA.--3.36 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 2000 to current year.

GAGE.--Non-recording gage observed intermittently during the summer months. Elevation of gage is 8,116 ft above NGVD of 1929, from topographic map.

COOPERATION.--Records were collected by the El Dorado Irrigation District, under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 184.

REMARKS.--Reservoir formed by cut stone gravity dam completed in 1917. Usable capacity, 5,000 acre-ft, between gage heights 5.0 ft and 19.7 ft, spillway. See schematic diagram of South Fork American 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 El Dorado Irrigation District, dated Oct. 28, 1932)**

Gage Height	Contents						
5.0	0	9.0	237	13.0	1,610	17.0	3,510
7.0	104	11.0	824	15.0	2,510	19.7	5,000

11434900 Lake Aloha near Phillips, CA—Continued

RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY INSTANTANEOUS VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	2,990	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	0
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	0
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	3,060	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	3,000	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	4,640	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	0	---
24	---	---	---	---	---	---	---	4,490	---	---	---	---
25	---	---	---	---	---	---	---	---	4,910	---	---	---
26	---	---	---	---	---	---	---	---	4,840	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	4,760	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---