



Water-Data Report 2007

11414080 Lake Sterling near Cisco, CA

Sacramento River Basin

LOCATION.--Lat 39°21'27", long 120°29'30" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.10, T.17 N., R.13 E., Nevada County, CA, Hydrologic Unit 18020125, in Tahoe National Forest, on outlet structure on Lake Sterling Dam, 0.3 mi upstream from Fordyce Lake, and 4.7 mi northeast of Cisco.

DRAINAGE AREA.--1.02 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 Unpublished records for water years 1966-99 available in the files of the U.S. Geological Survey.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.--Non-recording gage observed intermittently during the summer months. Elevation of gage is 6,987 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. Contents not rounded to U.S. Geological Survey standards.

REMARKS.--Lake is formed by an earth-fill dam; storage began in 1877. Capacity, 1,764 acre-ft, between elevation 6,965.97 ft, invert of outlet valve, and 6,987.9 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 December 1978)

Elevation	Contents	Elevation	Contents	Elevation	Contents	Elevation	Contents
0.0	0	7.0	469	13.0	934	19.0	1,474
2.5	159	9.0	619	15.0	1,104	21.0	1,674
4.5	293	11.0	772	17.0	1,282	23.0	1,874

11414080 Lake Sterling near Cisco, 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	---	---	---	---	---	---	---	---	---	---	1,570	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	1,690	---	---	1,280
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	1,340	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	1,720	---	1,500	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	1,590	---	---
23	---	---	---	---	---	---	---	1,530	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	1,580	---	---
26	---	---	---	---	---	---	---	---	1,670	---	---	902
27	---	---	---	---	---	---	---	---	1,660	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	1,470	---
30	---	---	---	---	---	---	---	1,630	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---