

Water-Data Report CA-2005

11414345 FEELEY LAKE NEAR GRANITEVILLE, CA

Sacramento River Basin

LOCATION.--Lat 39°24'01", long 120°38'14" referenced to North American Datum of 1927, in SW ¼ NW ¼ sec.28, T.18 N., R.12 E., Nevada County, Hydrologic Unit 18020125, in Tahoe National Forest, on outlet structure on Feeley Lake Dam on Canyon Creek, and 6.0 mi southeast of Graniteville.

DRAINAGE AREA.--0.40 mi².

WATER-STAGE 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 Unpublished records for water years 1966-99 available in the files of the U.S. Geological Survey.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 6,724 ft above NGVD of 1929, from topographic map.

REMARKS.--Reservoir is formed on natural lake by rock-filled dam completed in 1870. Usable capacity, 739 acre-ft, between gage heights 0.0 ft, invert of outlet gate, and 16.8 ft, crest of spillway. Figures given represent usable contents. Released water is used for hydroelectric power and irrigation downstream. See schematic diagram of South Yuba River Basin.

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 number 2310.

Capacity table (gage height, in feet, and contents, in acre-feet)
(Based on survey by Nevada Irrigation District in 1964)

Elevation	Contents	Elevation	Contents	Elevation	Contents
0	0	4	145	7	270
14	596	17	749	10	404

11414345 FEELEY LAKE NEAR GRANITEVILLE, CA—Continued

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	724	---	---
2	---	---	---	---	---	---	---	---	---	---	677	---
3	---	---	---	---	---	---	---	---	---	---	669	586
4	---	---	---	---	---	---	---	---	---	729	672	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	314	---	---	---	---	---	---	---	---	718	667	---
7	---	---	---	---	---	---	---	---	---	---	---	581
8	---	---	---	---	---	---	---	---	---	---	662	---
9	---	---	---	---	---	---	---	---	---	718	---	---
10	---	---	---	---	---	---	---	---	---	718	651	567
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	718	---	547
13	---	---	---	---	---	---	---	---	---	---	646	---
14	---	---	---	---	---	---	---	---	729	---	---	---
15	296	---	---	---	---	---	---	---	---	713	641	522
16	---	---	---	---	---	---	---	---	718	---	---	---
17	---	---	---	---	---	---	---	---	---	---	641	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	636	---
20	---	---	---	---	---	---	---	---	729	708	---	489
21	---	---	---	---	---	---	---	---	---	703	---	---
22	---	---	---	---	---	---	---	---	---	703	626	---
23	---	---	---	---	---	---	---	---	---	---	---	465
24	---	---	---	---	---	---	---	---	---	---	621	---
25	---	---	---	---	---	---	---	---	---	---	---	456
26	---	---	---	---	---	---	---	---	---	693	616	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	682	---	432
29	---	---	---	---	---	---	---	---	729	682	596	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	596	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---