



Water-Data Report 2008

11443450 Slab Creek Reservoir near Camino, CA

Sacramento River Basin

LOCATION.--Lat 38°46'21", long 120°41'58" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.25, T.11 N., R.11 E., El Dorado County, CA, Hydrologic Unit 18020129, Eldorado National Forest, on left bank, 100 ft upstream from dam on South Fork American River, 1,600 ft upstream from Iowa Canyon, and 2.7 mi northwest of Camino.

DRAINAGE AREA.--493 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 1987 to current year. Unpublished records for water years 1969-86 available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Sacramento Municipal Utility District). Prior to May 26, 1987, nonrecording gage at same site and datum. September 1980 to October 1993, supplementary water-stage recorder at left abutment of dam operated by U.S. Geological Survey during periods of spill.

COOPERATION.--Records were collected by Sacramento Municipal Utility District, under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 2101.

REMARKS.--Reservoir is formed by concrete-arch dam completed in 1967. Storage began in October 1967. Usable capacity, 13,400 acre-ft (revised), between elevations 1,670 ft, invert of tunnel, and 1,850 ft, crest of spillway. Reservoir receives water from South Fork American River and Silver Creek via El Dorado and Camino Powerplants (station 11441895) 10 mi upstream. Nearly the entire flow is diverted at this reservoir to White Rock Powerplant (station 11443460). See South Fork American River near Camino (station 11443500) for additional information on diversions and releases from Slab Creek Reservoir. Records, including extremes, represent usable contents. See schematic diagram of South Fork American River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 18,637 acre-ft, Jan. 1, 1997, elevation, 1,859.70 ft; minimum, 3,917 acre-ft, Oct. 27, 1991, elevation unknown.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 12,000 acre-ft, Dec. 5, elevation, 1,844.53 ft; minimum, 8,070 acre-ft, Jan. 13, elevation, 1,822.17 ft.

**Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on survey by Sacramento Municipal Utility District, May 2000)**

Elevation	Contents	Elevation	Contents	Elevation	Contents	Elevation	Contents
1,730	882	1,760	2,240	1,820	7,790	1,850	13,400
1,740	1,240	1,780	3,680	1,840	11,200	1,855	14,600
1,750	1,700	1,800	5,420				

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RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY OBSERVATION AT 2400 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10,400	10,000	11,100	11,000	10,700	10,900	10,900	11,000	10,400	10,000	10,100	10,800
2	10,800	10,400	11,200	10,400	10,500	10,900	10,100	10,700	10,500	10,000	9,850	10,700
3	10,900	10,400	11,400	9,260	11,000	10,900	9,730	10,500	10,400	10,100	9,360	10,500
4	11,100	10,200	11,700	9,200	11,200	10,500	10,100	10,900	10,300	9,850	9,930	10,700
5	11,200	10,300	12,000	9,180	11,500	10,700	10,300	10,900	10,300	9,570	10,400	11,100
6	11,300	10,400	11,600	8,680	11,700	10,600	10,400	10,300	10,500	9,550	10,800	11,000
7	11,600	10,200	11,200	8,750	11,400	10,500	10,400	10,200	10,500	10,500	11,100	11,000
8	11,400	9,980	11,000	8,360	11,300	10,600	10,200	10,500	10,100	11,100	11,300	11,200
9	11,100	10,300	11,200	8,340	11,400	10,400	10,100	11,300	10,500	10,900	11,000	11,600
10	10,500	10,500	11,300	8,280	11,500	10,500	10,300	11,000	10,300	11,100	11,000	11,600
11	10,400	10,600	11,300	8,380	11,600	10,500	9,940	10,700	9,850	10,900	10,400	11,300
12	10,400	11,200	11,400	8,350	11,900	10,500	9,750	10,600	9,800	10,900	9,860	10,700
13	10,200	11,100	11,200	8,070	11,500	10,800	9,940	10,200	9,680	10,900	9,580	10,600
14	10,200	10,800	11,400	8,190	11,400	11,000	10,200	10,100	9,690	11,000	9,700	10,700
15	9,920	10,500	11,200	8,160	11,300	10,900	10,400	10,300	9,470	10,900	10,100	10,800
16	10,600	10,400	11,300	8,260	11,400	10,900	10,500	10,900	9,460	10,800	10,300	11,500
17	11,100	10,400	11,400	8,390	11,400	10,500	10,700	10,600	9,650	10,700	10,400	11,600
18	11,600	10,600	11,500	8,550	11,100	10,500	10,700	10,300	9,850	10,800	10,800	11,200
19	10,900	10,600	11,400	9,040	10,400	10,800	11,200	10,200	10,100	10,700	10,800	11,100
20	11,000	10,800	11,200	9,600	10,400	10,800	11,300	10,100	10,300	10,600	10,400	11,100
21	11,000	11,000	11,200	10,300	10,300	10,600	10,500	9,970	10,300	10,600	10,600	11,700
22	10,900	11,100	11,000	10,400	10,500	10,400	10,100	10,300	10,400	10,900	10,500	11,500
23	10,800	10,900	11,100	10,600	10,400	10,400	9,940	10,400	10,100	11,400	10,400	10,900
24	11,000	10,900	11,100	10,600	10,500	10,300	9,650	10,000	10,300	11,600	10,300	9,560
25	11,100	10,900	11,000	10,400	10,500	10,400	9,560	9,940	10,500	11,400	10,100	9,310
26	10,600	10,600	11,000	10,400	10,800	10,500	9,730	10,100	9,950	10,900	9,760	9,010
27	10,200	10,700	11,100	10,500	10,900	10,400	9,820	10,600	10,000	10,500	10,300	9,320
28	9,900	10,800	11,100	10,300	10,900	10,400	10,500	11,000	9,800	10,600	10,800	9,670
29	9,340	10,800	11,100	10,500	11,000	10,500	11,100	10,900	9,750	10,700	10,900	9,320
30	9,390	11,000	11,000	10,500	---	10,700	11,100	10,800	10,000	10,600	10,600	9,310
31	9,760	---	11,000	10,600	---	10,800	---	10,600	---	9,850	10,600	---
Max	11,600	11,200	12,000	11,000	11,900	11,000	11,300	11,300	10,500	11,600	11,300	11,700
Min	9,340.0	9,980.0	11,000	8,070.0	10,300	10,300	9,560.0	9,940.0	9,460.0	9,550.0	9,360.0	9,010.0
Elevation, in feet, at end of month	1,832.57	1,839.33	1,839.74	1,837.16	1,839.51	1,838.20	1,840.12	1,837.39	1,834.20	1,833.12	1,837.27	1,830.05
Change in contents, in acre-feet	-1,740	+1,240	0	-400	+400	-200	+300	-500	-600	-150	+750	-1,290

	Calendar Year 2007	Water Year 2008
Max	12,500	12,000
Min	9,340.0	8,070
Change in contents, in acre-feet	-600	-2,190

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