



Water-Data Report 2008

**11395400 Sly Creek Reservoir near Strawberry Valley, CA**

Sacramento River Basin

LOCATION.--Lat 39°35'01", long 121°06'59" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.19, T.20 N., R.8 E., Butte County, CA, Hydrologic Unit 18020123, in Plumas National Forest, on right abutment of Sly Creek Dam on Lost Creek, and 1.4 mi northwest of Strawberry Valley.

DRAINAGE AREA.--24.0 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--November 1961 to current year (fragmentary prior to Mar. 14, 1962).

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Oroville-Wyandotte Irrigation District). Prior to Sept. 30, 1966, water-stage recorder in valve chamber inside dam at same datum. Oct. 1, 1966, to December 1974, nonrecording gage read once daily.

COOPERATION.--Records provided by South Feather Water and Power Agency, under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 2088.

REMARKS.--Reservoir is formed by earth-fill dam. Storage began in November 1961. Total capacity, 64,300 acre-ft (revised), between elevations 3,285 ft, invert of outlet, and 3,531 ft, top of spillway gate, all of which is available for release. Water is diverted into reservoir from South Fork Feather River through South Fork Diversion Tunnel and from North Yuba River Basin through Slate Creek Tunnel (station 11413250). Records, including extremes, represent total contents at 2400 hours. See schematic diagram of South Fork Feather River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 65,600 acre-ft, June 22, 1978, elevation, 3,530.9 ft; minimum observed under normal operating conditions since reservoir first filled, 860 acre-ft, Feb. 11, 1976, elevation, 3,320.0 ft. Reservoir completely drained for powerplant construction, Sept. 12 to Oct. 17, 1981.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 62,000 acre-ft, Apr. 29, elevation, 3,527.4 ft; minimum, 11,100 acre-ft, Sept. 29, elevation, 3,405.0 ft.

**Capacity table (elevation, in feet, and contents, in acre-feet)  
(Based on table provided by South Feather Water and Power Agency, dated September 2004)  
(REVISED)**

Elevation	Contents	Elevation	Contents	Elevation	Contents	Elevation	Contents
3,295	0	3,420	14,800	3,460	27,800	3,500	45,900
3,340	1,480	3,440	20,800	3,480	36,200	3,520	57,300
3,380	6,150	3,450	24,200	3,490	40,900	3,530	63,700

## 11395400 Sly Creek Reservoir near Strawberry Valley, CA—Continued

**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	19,900	16,500	12,900	13,600	16,200	20,200	37,100	60,700	59,800	47,700	35,800	22,300
2	19,400	16,500	12,900	13,600	16,300	20,700	37,800	59,800	59,300	47,300	35,300	21,900
3	18,900	16,600	12,600	13,600	16,300	21,100	38,600	59,100	58,800	46,900	35,000	21,500
4	18,800	16,600	12,400	14,800	16,400	21,400	39,400	58,300	58,200	46,400	34,600	21,300
5	18,900	16,600	12,200	15,600	16,400	21,700	40,300	58,800	57,600	46,000	34,200	21,000
6	18,800	16,700	12,000	16,000	16,400	22,000	41,200	59,100	57,300	45,600	33,800	20,600
7	18,600	16,700	11,800	16,300	16,500	22,100	42,200	59,600	56,900	45,100	33,400	20,400
8	19,100	16,700	11,600	16,600	16,500	22,200	43,100	60,000	56,400	44,800	33,000	20,000
9	19,700	16,800	11,300	16,500	16,500	22,400	43,900	60,000	55,900	44,400	32,500	19,500
10	20,300	16,800	11,400	16,300	16,500	22,600	44,600	60,000	55,700	44,100	32,200	19,200
11	20,700	16,900	11,500	16,000	16,400	22,800	45,400	60,000	55,400	43,800	31,800	18,600
12	20,700	17,000	11,700	15,700	16,300	23,200	46,400	59,900	55,200	43,500	31,300	18,200
13	20,700	17,000	11,900	15,300	16,400	24,300	47,700	59,800	54,900	43,200	30,800	17,700
14	20,700	17,000	12,100	15,000	16,400	25,400	49,100	59,800	54,600	42,800	30,300	17,300
15	20,700	17,100	12,200	14,600	16,500	26,200	50,400	59,900	54,400	42,500	29,800	16,800
16	20,700	17,100	12,400	14,500	16,600	26,700	51,600	60,000	54,100	42,100	29,300	16,300
17	20,800	17,100	12,600	14,500	16,700	27,100	52,700	60,300	53,700	41,700	28,800	15,800
18	20,900	17,200	12,900	14,500	16,800	27,500	53,900	60,800	53,300	41,300	28,400	15,400
19	20,900	17,000	13,200	14,500	16,900	27,900	55,200	61,000	53,000	40,900	27,900	14,900
20	20,500	16,500	13,500	14,500	17,100	28,500	56,300	61,300	52,600	40,600	27,300	14,500
21	20,000	16,000	13,600	14,600	17,300	29,200	57,200	61,200	52,100	40,200	26,900	14,100
22	19,500	15,700	13,600	14,600	17,500	29,700	58,200	61,000	51,600	39,800	26,400	13,500
23	18,800	15,400	13,700	14,600	17,700	30,300	59,100	60,800	51,200	39,400	26,000	13,000
24	18,600	15,100	13,700	14,600	18,100	31,100	59,400	60,800	50,700	38,900	25,500	12,500
25	18,100	14,700	13,800	14,700	18,500	32,000	59,500	61,000	50,300	38,400	25,000	12,000
26	17,600	14,400	13,800	14,800	18,800	32,900	59,800	61,000	50,000	38,100	24,600	11,600
27	17,100	14,100	13,800	15,200	19,100	33,600	60,600	60,800	49,600	37,700	24,000	11,500
28	16,600	13,800	13,700	15,600	19,400	34,300	61,500	60,600	49,200	37,300	23,700	11,300
29	16,400	13,500	13,700	15,800	19,700	35,000	62,000	60,200	48,800	36,900	23,200	11,100
30	16,400	13,200	13,700	16,000	---	35,800	61,500	59,800	48,300	36,500	22,900	11,200
31	16,400	---	13,700	16,100	---	36,600	---	59,900	---	36,200	22,600	---
<b>Max</b>	20,900	17,200	13,800	16,600	19,700	36,600	62,000	61,300	59,800	47,700	35,800	22,300
<b>Min</b>	16,400	13,200	11,300	13,600	16,200	20,200	37,100	58,300	48,300	36,200	22,600	11,100
<b>Elevation, in feet, at end of month</b>	3,425.84	3,413.65	3,415.67	3,424.67	3,436.81	3,480.79	3,526.74	3,524.21	3,504.45	3,479.93	3,445.51	3,405.78
<b>Change in contents, in acre-feet</b>	-4,000	-3,200	+500	+2,400	+3,600	+16,900	+24,900	-1,600	-11,600	-12,100	-13,600	-11,400

	Calendar Year 2007	Water Year 2008
<b>Change in contents, in acre-feet</b>	-2,500	-9,200

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