

11395020 Little Grass Valley Reservoir near La Porte, CA

Sacramento River Basin

LOCATION.--Lat 39°43'25", long 121°01'10" referenced to North American Datum of 1927, in SE ¼ NW ¼ sec.31, T.22 N., R.9 E., Plumas County, CA, Hydrologic Unit 18020123, in Plumas National Forest, on right bank, 300 ft upstream from dam on South Fork Feather River, and 3.3 mi northwest of La Porte.

DRAINAGE AREA.--25.8 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1961 to current year. Monthend elevation and contents only, October 1961 to October 1962.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Oroville-Wyandotte Irrigation District). Prior to Nov. 1, 1962, in valve chamber in dam at same datum.

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 rock-fill dam. Storage began in October 1961. Total capacity, 89,800 acre-ft, between elevations 4,876 ft, invert of release valve, and 5,047 ft, top of spillway gates, all of which is available for release. Water is released down South Fork Feather River for power development and irrigation. Records, excluding 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, 98,000 acre-ft, May 1, 1995, May 17, 1996, elevation, 5,049.0 ft; minimum since reservoir first filled, 30,300 acre-ft, many days during 1977, elevation, 4,994.8 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 66,100 acre-ft, Dec. 26, elevation, 5,031.11 ft; minimum, 43,800 acre-ft, Oct. 30, 31, Nov. 16, minimum elevation, 5,012.73 ft, Nov. 16.

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

Elevation	Contents	Elevation	Contents	Elevation	Contents	Elevation	Contents
4,990	23,500	5,010	40,800	5,030	64,500	5,047	89,800
5,000	31,400	5,020	51,900	5,040	78,800		

11395020 Little Grass Valley Reservoir near La Porte, CA—Continued

RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY OBSERVATION AT 2400 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	58,700	43,900	53,600	65,300	55,000	49,900	57,800	64,000	64,700	64,500	63,500	62,500
2	58,000	43,900	58,500	65,200	54,600	49,900	58,200	64,000	64,700	64,500	63,500	62,800
3	57,200	43,900	59,900	65,100	54,100	50,000	58,600	64,100	64,700	64,500	63,400	62,700
4	56,500	43,900	61,200	65,000	53,800	50,100	59,100	64,100	64,700	64,400	63,400	62,700
5	55,800	43,900	62,600	64,800	53,600	50,100	59,600	64,200	64,700	64,400	63,300	62,600
6	55,000	43,900	63,400	64,700	53,500	50,300	60,000	64,300	64,700	64,400	63,300	62,500
7	54,300	43,900	64,000	64,500	53,400	50,400	60,500	64,300	64,600	64,300	63,300	62,500
8	53,500	43,900	64,400	64,400	53,200	50,500	60,900	64,400	64,600	64,300	63,200	62,400
9	52,800	43,900	64,700	64,300	53,000	50,600	61,200	64,400	64,600	64,300	63,200	62,400
10	52,100	43,900	64,900	64,200	52,800	50,600	61,500	64,500	64,600	64,200	63,200	62,300
11	51,500	43,900	65,000	64,000	52,700	50,700	61,700	64,500	64,500	64,200	63,100	62,300
12	50,800	43,900	65,100	63,900	52,500	50,800	62,000	64,600	64,500	64,200	63,100	62,200
13	50,200	43,900	65,100	63,800	52,300	51,000	62,200	64,600	64,500	64,100	63,100	62,200
14	49,500	43,900	65,000	63,600	52,100	51,100	62,400	64,600	64,400	64,100	63,100	62,100
15	48,800	43,900	65,000	63,200	51,900	51,300	62,600	64,600	64,400	64,100	63,000	62,100
16	48,200	44,000	65,100	62,700	51,700	51,500	62,700	64,700	64,400	64,000	63,000	62,000
17	47,500	44,700	65,400	62,200	51,600	51,700	62,800	64,700	64,300	64,000	62,900	61,900
18	46,800	44,800	65,400	61,700	51,400	51,800	63,000	64,700	64,300	64,000	62,900	61,900
19	46,100	45,000	65,300	61,200	51,300	52,200	63,100	64,700	64,300	63,900	62,900	61,800
20	45,500	45,400	65,200	60,700	51,200	53,100	63,200	64,700	64,300	63,900	62,900	61,700
21	44,800	45,900	65,400	60,100	51,000	53,800	63,300	64,700	64,200	63,900	62,800	61,800
22	44,600	46,100	65,700	59,600	50,800	54,200	63,400	64,700	64,200	63,800	62,800	61,700
23	44,200	46,200	66,000	59,100	50,600	54,600	63,500	64,700	64,200	63,800	62,800	61,500
24	44,100	46,200	65,900	58,600	50,400	55,000	63,600	64,700	64,300	63,800	62,700	61,200
25	44,000	46,300	66,000	58,100	50,200	55,300	63,700	64,700	64,600	63,800	62,700	60,600
26	44,000	46,400	66,000	57,700	50,000	55,600	63,700	64,700	64,600	63,700	62,700	59,900
27	44,000	46,400	65,900	57,300	49,900	55,900	63,800	64,700	64,600	63,700	62,600	59,300
28	44,000	46,700	65,800	56,800	49,900	56,300	63,900	64,800	64,600	63,700	62,600	58,600
29	43,900	47,300	65,700	56,400	---	56,600	63,900	64,800	64,500	63,600	62,600	58,000
30	43,800	50,800	65,600	56,000	---	56,900	64,000	64,800	64,500	63,600	62,500	57,400
31	43,800	---	65,400	55,500	---	57,400	---	64,700	---	63,500	62,500	---
Max	58,700	50,800	66,000	65,300	55,000	57,400	64,000	64,800	64,700	64,500	63,500	62,800
Min	43,800	43,900	53,600	55,500	49,900	49,900	57,800	64,000	64,200	63,500	62,500	57,400
Elevation, in feet, at end of month	5,012.81	5,019.81	5,030.67	5,022.93	5,018.29	5,024.49	5,029.58	5,030.15	5,030.00	5,029.23	5,028.45	5,024.53
Change in contents, in acre-feet	-15,700	+7,000	+14,600	-9,900	-5,600	+7,500	+6,600	+700	-200	-1,000	-1,000	-5,100

	Calendar Year 2012	Water Year 2013
Change in contents, in acre-feet	+20,400	-2,100

11395020 Little Grass Valley Reservoir near La Porte, CA—Continued

