



Water-Data Report 2008

## 11407800 Jackson Meadows Reservoir near Sierra City, CA

Sacramento River Basin

LOCATION.--Lat 39°30'33", long 120°33'08" referenced to North American Datum of 1927, in NW ¼ SE ¼ sec.18, T.19 N., R.13 E., Sierra County, CA, Hydrologic Unit 18020125, Tahoe National Forest, on right bank at Jackson Meadows Dam on Middle Yuba River, 0.7 mi downstream from Pass Creek, and 5.7 mi southeast of Sierra City.

DRAINAGE AREA.--37.4 mi<sup>2</sup>.

### SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by Nevada Irrigation District).

COOPERATION.--Records were collected by Nevada Irrigation District, under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 2266.

REMARKS.--Reservoir is formed by an earthfill dam. Storage began Nov. 9, 1964. Usable capacity, 66,700 acre-ft, between elevations 5,933.0 ft, bottom of intake tower, and 6,036.0 ft, top of radial spillway gates. Dead contents, 2,500 acre-ft. Records, including extremes, represent total contents. See schematic diagram of North and Middle Yuba River Basins available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 71,100 acre-ft, May 31, June 1, 1993, elevation, 6,037.78 ft; minimum since reservoir first filled, 2,500 acre-ft, Sept. 27-29, 1976, elevation, 5,933.1 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 64,700 acre-ft, June 2-5, maximum elevation, 6,031.66 ft, June 4; minimum, 34,800 acre-ft, several days in December, minimum elevation, 5,999.34 ft, Dec. 16.

**Capacity table (elevation, in feet, and contents, in acre-feet)  
(Based on table provided by Nevada Irrigation District, dated February 1965)**

Elevation	Contents	Elevation	Contents	Elevation	Contents	Elevation	Contents
5,930	2,000	5,960	10,600	5,990	27,600	6,020	53,200
5,940	3,920	5,970	15,400	6,000	35,300	6,030	63,000
5,950	6,760	5,980	21,000	6,010	43,900	6,040	73,500

## 11407800 Jackson Meadows Reservoir near Sierra City, 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	41,400	38,200	35,000	35,000	36,200	36,700	38,600	48,600	64,600	60,100	51,600	44,100
2	41,300	38,100	34,900	34,900	36,300	36,700	38,700	49,100	64,700	59,800	51,400	43,700
3	41,100	38,000	34,800	35,000	36,400	36,700	38,800	49,700	64,700	59,500	51,100	43,500
4	41,000	37,900	34,800	35,400	36,400	36,700	38,900	50,300	64,700	59,300	50,800	43,300
5	41,000	37,800	34,800	35,500	36,400	36,800	39,000	51,000	64,700	59,000	50,500	43,200
6	40,800	37,700	34,800	35,600	36,400	36,800	39,200	51,900	64,600	58,800	50,300	43,100
7	40,700	37,500	34,900	35,600	36,400	36,800	39,400	52,800	64,600	58,500	50,000	42,900
8	40,600	37,400	34,900	35,700	36,400	36,800	39,500	53,500	64,500	58,200	49,700	42,800
9	40,500	37,300	34,900	35,700	36,400	36,800	39,600	54,100	64,400	58,000	49,500	42,600
10	40,400	37,300	34,900	35,700	36,400	36,800	39,800	54,700	64,300	57,700	49,200	42,500
11	40,300	37,200	34,900	35,700	36,400	36,800	40,000	55,500	64,200	57,400	48,900	42,300
12	40,200	37,100	34,900	35,800	36,400	36,900	40,200	56,100	64,100	57,200	48,700	42,200
13	40,100	37,000	34,800	35,800	36,400	37,000	40,600	56,600	63,900	56,900	48,400	42,000
14	39,900	36,900	34,800	35,800	36,400	37,100	41,100	57,300	63,800	56,600	48,100	41,900
15	39,800	36,800	34,800	35,800	36,400	37,200	41,400	58,400	63,600	56,400	47,900	41,700
16	39,700	36,700	34,800	35,700	36,400	37,300	41,700	59,500	63,500	56,100	47,600	41,600
17	39,700	36,600	34,800	35,700	36,400	37,300	42,100	60,600	63,300	55,800	47,400	41,400
18	39,600	36,500	34,900	35,700	36,300	37,400	42,600	61,500	63,100	55,500	47,400	41,300
19	39,600	36,400	35,000	35,700	36,400	37,400	43,100	62,200	62,900	55,300	47,300	41,100
20	39,600	36,300	35,000	35,700	36,400	37,500	43,500	62,800	62,600	55,000	47,300	41,000
21	39,500	36,200	35,000	35,800	36,400	37,500	43,800	63,200	62,400	54,700	47,300	40,900
22	39,300	36,100	35,000	35,800	36,500	37,600	44,000	63,400	62,200	54,400	47,200	40,700
23	39,200	35,900	35,000	35,800	36,500	37,600	44,300	63,600	62,000	54,200	47,100	40,600
24	39,100	35,800	35,000	35,800	36,700	37,700	44,600	63,800	61,800	53,900	46,900	40,400
25	39,000	35,700	35,000	35,800	36,700	37,900	44,800	64,000	61,500	53,600	46,600	40,300
26	38,900	35,600	35,000	35,800	36,700	38,000	45,200	64,200	61,300	53,300	46,300	40,100
27	38,800	35,500	35,000	35,900	36,700	38,100	45,900	64,300	61,000	53,100	45,900	40,000
28	38,700	35,400	35,000	36,000	36,700	38,200	46,700	64,400	60,800	52,800	45,500	39,900
29	38,600	35,300	35,000	36,100	36,700	38,400	47,400	64,400	60,500	52,500	45,200	39,600
30	38,500	35,200	35,000	36,100	---	38,400	48,000	64,500	60,300	52,200	44,800	39,100
31	38,400	---	35,000	36,200	---	38,500	---	64,600	---	52,000	44,500	---
<b>Max</b>	41,400	38,200	35,000	36,200	36,700	38,500	48,000	64,600	64,700	60,100	51,600	44,100
<b>Min</b>	38,400	35,200	34,800	34,900	36,200	36,700	38,600	48,600	60,300	52,000	44,500	39,100
<b>Elevation, in feet, at end of month</b>	6,003.59	5,999.80	5,999.57	6,001.01	6,001.62	6,003.80	6,014.51	6,031.52	6,027.31	6,018.73	6,010.57	6,004.48
<b>Change in contents, in acre-feet</b>	-3,100	-3,200	-200	+1,200	+500	+1,800	+9,500	+16,600	-4,300	-8,300	-7,500	-5,400

	Calendar Year 2007	Water Year 2008
<b>Max</b>	63,800	64,700
<b>Min</b>	33,900	34,800
<b>Change in contents, in acre-feet</b>	+1,100	-2,400

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