



Water-Data Report 2009

12372500 LITTLE BITTERROOT LAKE NEAR MARION, MT

Pend Oreille Basin
Lower Flathead Subbasin

LOCATION.--Lat 48°05'34", long 114°41'51" referenced to North American Datum of 1927, in SE ¼ SE ¼ SW ¼ sec.16, T.27 N., R.24 W., Flathead County, MT, Hydrologic Unit 17010212, at dam on Little Bitterroot River, 2 mi southwest of Marion and at river mile 70.3.

DRAINAGE AREA.--31.8 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 1939, April 1940, September 1940 to current year.

COOPERATION.--Records furnished by the Bureau of Indian Affairs.

REMARKS.--Little Bitterroot Lake is one of a group of four reservoirs known as the Camas Reservoirs located in the Little Bitterroot River basin operated for irrigation and recreation. Nonrecording gage is read on the last day of the month. Figures given herein represent usable contents. May to July 1948 scattered daily contents for individual reservoirs, published in Water Supply Paper 1080.

Reservoir is formed by earthfill dam; storage began in 1918. Elevations are referenced to the National Geodetic Vertical Datum of 1929. Usable capacity is 26,400 acre-ft between elevation 3,897.98 ft and 3,906.48 ft. Dead storage is unknown; reservoir was a natural lake. Prior to 1960, usable capacity was 24,000 acre-ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 27,570 acre-ft, Apr. 30, 1997, elevation, 3,906.74 ft; no storage at times in 1939-46.

EXTREMES FOR CURRENT YEAR.--Maximum monthend contents observed, 9,400 acre-ft, May 31, elevation, 3,901.68 ft; minimum monthend contents, 3,750 acre-ft, November 2008 through February 2009, elevation, 3,899.68 ft.

**CAMAS RESERVOIRS MONTHEND CONTENTS, IN ACRE-FEET
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Little Bitterroot (12372500)	Hubbert (12373500)	Upper Dry Fork (12375000)	Dry Fork (12375500)	Total of 4
October 31	4,000	2,080	1,260	1,100	8,440
November 30	3,750	2,350	1,510	1,130	8,740
December 31	3,750	2,450	1,550	1,150	8,900
January 31	3,750	2,510	1,570	1,130	8,960
February 28	3,750	2,830	1,830	1,360	9,760
March 31	5,300	3,980	2,120	2,070	13,470
April 30	7,600	7,080	2,980	3,400	21,060
May 31	9,400	10,220	2,750	3,570	25,940
June 30	9,100	9,400	2,800	3,300	24,600
July 31	8,150	6,460	2,170	2,270	19,050
August 31	7,000	4,300	1,320	1,380	14,000
September 30	6,100	1,870	660	724	9,360