



Water-Data Report 2006

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, 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 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 contents observed, 8,020 acre-ft, May 31 and June 30, elevation, 3,901.23 ft; minimum observed, 3,200 acre-ft, Nov. 30, and Dec. 31, elevation, 3,899.46 ft.

**CAMAS RESERVOIRS MONTHEND CONTENTS, IN ACRE-FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Date	Little	Hubbert	Upper Dry	Dry Fork	Total of 4
	Bitterroot (12372500)	(12373500)	Fork (12375000)	(12375500)	
October 31	3,500	943	567	636	5,650
November 30	3,200	1,180	606	636	5,620
December 31	3,200	1,180	606	636	5,620
January 31	3,400	1,500	706	717	6,320
February 28	4,200	1,680	740	765	7,380
March 31	4,800	2,110	811	880	8,600
April 30	7,750	7,260	1,370	3,310	19,690
May 31	8,020	9,560	2,220	3,540	23,340
June 30	8,020	10,460	2,720	3,860	25,060
July 31	7,900	8,070	2,270	2,070	20,310
August 31	7,000	4,840	1,780	1,590	15,210
September 30	6,100	3,760	1,810	803	12,470