



Water-Data Report 2006

**12380000 UPPER JOCKO LAKE NEAR ARLEE, MT**

Pend Oreille Basin  
Lower Flathead Subbasin

LOCATION.--Lat 47°11'34", long 113°42'44" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.36, T.17 N., R.17 W., Missoula County, Hydrologic Unit 17010212, at dam on Jocko River, 17.3 mi southeast of Arlee, and at river mile 41.8.

DRAINAGE AREA.--2.99 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--April 1968 to current year. Nonrecording gage read at end of month. U.S. Geological Survey began publishing data October 1988.

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

REMARKS.--Reservoir is formed by earthfill dam; storage began in 1967. Was previously known as "Black Lake" prior to dam construction. Elevations are referenced to the National Geodetic Vertical Datum of 1929. Usable capacity is 5,200 acre-ft, between elevation 4,390.0 ft, outlet sill, and 4,440.0 ft, spillway elevation. Prior to 1993, usable capacity was 4,440 acre-ft. Dead storage is 763 acre-ft. Transbasin diversion takes water from Placid Creek in Clearwater River basin in SW¼ sec. 29, T. 17 N., R. 16 W., to Upper Jocko Lake, thence to Lower Jocko Lake. The emergency spillway returns water to the Clear Water River Basin over the basin divide. Figures given herein represent usable contents. Water is used for irrigation and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 4,290 acre-ft, May 31, 1971, elevation, 4,439.1 ft; no storage at times each year.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 1,770 acre-ft, Apr. 30, elevation, 4,422.80 ft; no storage most of year.

**UPPER AND LOWER JOCKO RESERVOIRS,  
MONTHEND CONTENTS, IN ACRE-FEET  
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

<b>Date</b>	<b>Upper Jocko Lake (12380000)</b>	<b>Lower Jocko Lake (12380500)</b>
October 31	0	0
November 30	0	0
December 31	0	0
January 31	0	0
February 28	0	0
March 31	0	0
April 30	1,770	1,060
May 31	1,690	4,860
June 30	1,530	4,300
July 31	0	3,270
August 31	0	240
September 30	0	0