



Water-Data Report 2009

**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, MT, 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 the Bureau of Indian Affairs.

REMARKS.--Reservoir is formed by an 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 monthend contents observed, 2,530 acre-ft, May 31, elevation, 4,422.60 ft; no storage most of year.

**UPPER AND LOWER JOCKO RESERVOIRS,  
MONTHEND CONTENTS, IN ACRE-FEET  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Upper Jocko Lake (12380000)	Lower Jocko Lake (12380500)
October 31	0	195
November 30	0	472
December 31	0	0
January 31	0	0
February 28	0	0
March 31	0	0
April 30	730	2,310
May 31	2,530	5,430
June 30	2,320	4,770
July 31	1,610	3,090
August 31	0	2,100
September 30	0	72