



Water-Data Report 2006

12371000 TURTLE LAKE NEAR POLSON, MT

Pend Oreille Basin
Lower Flathead Subbasin

LOCATION.--Lat 47°40'19", long 114°04'32" referenced to North American Datum of 1927, in SW ¼ NW ¼ NE ¼ sec.18, T.22 N., R.19 W., Lake County, Hydrologic Unit 17010212, at outlet works 4 mi southeast of Polson.

DRAINAGE AREA.--Undetermined.

SURFACE-WATER RECORDS

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

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

REMARKS.--Turtle Lake is one of a group of eight reservoirs known as the Mission Valley Reservoirs. The reservoirs are located in an area east of and tributary to Flathead River and between Flathead Lake and Jocko River, Lake County, Hydrologic Unit 17010212, and are operated for irrigation. April to July 1948 monthend contents and daily maximum for individual reservoirs, published in Water Supply Paper 1080.

Reservoir is formed by earthfill dam; storage began in 1932. Prior to October 1968, published as "Twin Reservoir." Elevations are referenced to the National Geodetic Vertical Datum of 1929. Usable capacity is 899 acre-ft between elevation 3,061.0 ft and 3,090.5 ft. Dead storage is unknown; reservoir was a natural lake. Reservoir has a natural watershed and fed by Hell Roaring Creek and Bisson Creek. Nonrecording gage is read on the last day of the month. Figures given herein represent usable contents.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 1,000 acre-ft, June 30, 1996, elevation, 3,092.02 ft; no storage at times in July 1941, August and September 1944, October 1957, July, August and September 1977, July through October 1992, March 1994, October through December 1994, August 2001, August 2003, and July through August 2004.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 875 acre-ft, June 30, elevation, 3,090.10 ft; minimum observed, 111 acre-ft, Aug. 31, elevation 3,068.90.

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

Date	Turtle (12371000)	Lower Crow (12376700)	Mission (12377200)	St. Marys (12377300)	Pablo (12377900)	McDonald (12378200)	Kicking Horse (12378300)	Ninepipe (12378400)	Total of 8
October 31	511	5,340	1,560	3,130	11,630	1,480	1,900	1,460	27,010
November 30	511	6,400	1,600	1,250	11,520	1,420	3,430	1,530	27,660
December 31	511	6,760	1,270	0	11,520	1,075	5,160	1,930	38,230
January 31	524	4,680	1,220	0	11,990	886	5,380	2,180	26,860
February 28	519	3,910	1,150	0	11,630	820	5,450	2,200	25,680
March 31	304	2,140	1,080	183	12,130	756	4,650	2,930	24,170
April 30	465	3,140	1,760	2,020	12,270	1,670	2,020	6,800	30,140
May 31	866	3,620	3,310	16,120	14,110	4,570	6,380	7,310	56,290
June 30	875	4,880	8,190	22,880	25,180	8,240	9,360	15,420	95,030
July 31	500	2,970	7,340	17,000	8,590	5,850	4,650	8,670	55,570
August 31	111	1,690	2,680	5,610	1,920	617	890	1,230	14,750
September 30	506	2,830	876	2,710	7,060	430	1,330	944	16,690