



Water-Data Report 2007

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, MT, 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, 816 acre-ft, June 30, elevation, 3,089.20 ft; minimum observed, 165 acre-ft, Aug. 31, elevation 3,071.70.

**MISSION VALLEY RESERVOIRS, MONTHEND CONTENTS, IN ACRE-FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

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	655	2,300	797	2,720	12,130	396	1,850	890	21,740
November 30	614	2,300	797	250	12,130	396	3,880	2,350	22,720
December 31	661	2,300	842	0	12,130	306	4,300	2,180	22,720
January 31	660	2,190	774	0	11,990	335	4,300	2,070	22,320
February 28	351	2,210	980	0	12,530	335	4,380	2,170	22,960
March 31	312	2,160	1,090	1,490	12,530	450	4,600	2,290	24,920
April 30	288	2,730	1,420	3,180	11,850	697	5,120	3,440	28,720
May 31	744	3,420	5,810	16,930	11,220	4,450	5,710	6,020	54,300
June 30	816	3,390	8,250	22,600	19,670	8,210	7,470	13,410	83,810
July 31	358	2,110	5,040	12,640	10,810	5,150	3,360	4,760	44,230
August 31	165	1,960	1,800	3,730	958	750	1,180	890	11,430
September 30	195	1,420	1,170	3,180	7,140	605	1,720	836	16,270