



Water-Data Report 2006

12377300 ST. MARYS LAKE NEAR ST. IGNATIUS, MT

Pend Oreille Basin
Lower Flathead Subbasin

LOCATION.--Lat 47°15'58", long 113°56'08" referenced to North American Datum of 1927, in SW ¼ NE ¼ NE ¼ sec.6, T.17 N., R.18 W., Lake County, Hydrologic Unit 17010212, at outlet works on Dry Creek, 8 mi southwest of St. Ignatius.

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.--St. Marys 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 1919. Prior to October 1968, published as "Tabor Reservoir." Elevations are referenced to the National Geodetic Vertical Datum of 1929. Usable capacity is 23,500 acre-ft between elevation 3,911.5 ft and 4,025.0 ft, not including contents of natural lake. Prior to 1993, usable capacity was 23,300 acre-ft. Reservoir is fed by Dry Creek and also by a transbasin diversion from Jocko River.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 23,510 acre-ft, June 30, 1976, June 30, 1978, elevation, 4,025.7 ft; no storage Sept. 30, 1969, Feb. 28, 1995, December 2001 through March 2002, and December 2005 through February 2006.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 22,880 acre-ft, June 30, elevation, 4,023.50 ft; no contents December through February (under Bureau of Reclamation restriction).

**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