



Water-Data Report 2007

12378300 KICKING HORSE RESERVOIR NEAR CHARLO, MT

Pend Oreille Basin
Lower Flathead Subbasin

LOCATION.--Lat 47°27'25", long 114°04'35" referenced to North American Datum of 1927, Lake County, MT, Hydrologic Unit 17010212, at outlet works 4 mi northeast of Charlo.

DRAINAGE AREA.--Off channel storage reservoir.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 1939, April 1940, September 1949 to current year.

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

REMARKS.--Kicking Horse Reservoir 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. Nonrecording gages are read on the last day of the month. Figures given herein represent usable contents. 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 1930. Elevations are referenced to the National Geodetic Vertical Datum of 1929. Usable capacity is 9,200 acre-ft between elevation 3,042.00 ft and 3,061.94 ft. Prior to 1993, usable capacity was 8,350 acre-ft. Dead storage is 70 acre-ft below elevation 3,042.0 ft. Reservoir is fed entirely by canals leading from South Crow Creek and Post Creek. Prior to 1988 water year, published as 12379700 Kicking Horse Reservoir.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 10,320 acre-ft, June 30, 1976, May 31, 1980, elevation, 3,064.4 ft; no storage Aug. 31, 1961.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 7,470 acre-ft, June 30, elevation, 3,060.85 ft; minimum observed, 1,180 acre-ft, Aug. 31, elevation, 3,048.84 ft.

**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