



Water-Data Report 2007

12390000 THOMPSON FALLS RESERVOIR AT THOMPSON FALLS, MT

Pend Oreille Basin
Lower Clark Fork Subbasin

LOCATION.--Lat 47°35'42", long 115°21'36" referenced to North American Datum of 1927, in NE ¼ sec.7, T.21 N., R.29 W., Sanders County, MT, Hydrologic Unit 17010213, at dam on Clark Fork at Thompson Falls, at river mile 208.0.

DRAINAGE AREA.--20,968 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1939 to current year.

GAGE.--Elevation of gage is 2,380 ft, referenced to National Geodetic Vertical Datum of 1929. Nonrecording gage is read several times daily but only midnight readings supplied.

COOPERATION.--Records furnished by PPL EnergyPlus, LLC.

REMARKS.--Reservoir is formed by two concrete dams, first generator installed July 1915. Usable capacity is 14,970 acre-ft between elevation 2,380.0 ft, spillway crest, and 2,396.0 ft, top of flashboards. Dead storage is unknown. Figures given herein represent usable contents. Water is used for power development and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum monthend contents observed, 16,420 acre-ft, May 12, 1997, elevation, 2,396.95 ft; no storage July 31, 1958.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 16,000 acre-ft, June 25, elevation, 2,396.67 ft; minimum observed, 13,930 acre-ft, Nov. 30, elevation, 2,395.28 ft.

**MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS,
SEPTEMBER 2006 TO SEPTEMBER 2007**

Date	Elevation (feet)	Contents (acre-feet)	Change in Contents (acre-feet)
September 30	2,395.80	14,680	--
October 31	2,395.83	14,720	+40
November 30	2,395.28	13,930	-790
December 31	2,395.75	14,610	+680
Calendar Year 2006	--	--	+30
January 31	2,395.81	14,690	+80
February 28	2,395.84	14,740	+50
March 31	2,396.47	15,680	+940
April 30	2,396.38	15,540	-140
May 31	2,396.39	15,560	+20
June 30	2,395.95	14,900	-660
July 31	2,395.86	14,770	-130
August 31	2,395.90	14,820	+50
September 30	2,395.87	14,780	-40
Water Year 2007	--	--	+100