



Water-Data Report 2006

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, 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, 15,680 acre-ft, May 7, June 2, and July 4, elevation, 2,396.47 ft; minimum observed, 14,030 acre-ft, Jan. 24, elevation, 2,395.35 ft.

**MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS,
SEPTEMBER 2005 TO SEPTEMBER 2006**

Date	Elevation (feet)	Contents (acre-feet)	Change in Contents (acre-feet)
September 30	2,395.91	14,840	--
October 31	2,395.77	14,640	-200
November 30	2,395.66	14,480	-160
December 31	2,395.73	14,580	+100
Calendar Year 2005	--	--	-100
January 31	2,395.94	14,880	+300
February 28	2,395.63	14,430	-450
March 31	2,395.45	14,170	-260
April 30	2,396.41	15,590	+1,420
May 31	2,396.39	15,560	-30
June 30	2,396.45	15,650	+90
July 31	2,395.85	14,750	-900
August 31	2,395.88	14,800	+50
September 30	2,395.80	14,680	-120
Water Year 2006	--	--	-160