

**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 mi<sup>2</sup>.

**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.--Elevations and capacity table 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, 16,110 acre-ft, June 9, elevation, 2,396.75 ft; minimum observed, 1,330 acre-ft, Aug. 15, elevation, 2,382.41 ft.

**MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS,  
SEPTEMBER 2010 TO SEPTEMBER 2011**

<b>Date</b>	<b>Elevation (feet)</b>	<b>Contents (acre-feet)</b>	<b>Change in Contents (acre-feet)</b>
September 30	2,395.70	14,540	--
October 31	2,395.66	14,480	-60
November 30	2,395.74	14,590	+110
December 31	2,395.73	14,580	-10
Calendar Year 2010	--	--	+150
January 31	2,395.84	14,740	+160
February 28	2,395.99	14,960	+220
March 31	2,395.86	14,770	-190
April 30	2,396.50	15,730	+960
May 31	2,396.56	15,820	+90
June 30	2,396.62	15,930	+110
July 31	2,386.62	4,330	-11,600
August 31	2,396.23	15,320	+10,990
September 30	2,396.23	15,320	0
Water Year 2011	--	--	+780