



Water-Data Report 2011

12391300 NOXON RAPIDS RESERVOIR NEAR NOXON, MT

Pend Oreille Basin
Lower Clark Fork Subbasin

LOCATION.--Lat 47°57'38", long 115°44'00" referenced to North American Datum of 1927, in NE ¼ SW ¼ SW ¼ sec.33, T.26 N., R.32 W., Sanders County, MT, Hydrologic Unit 17010213, at dam on Clark Fork, 3 mi southeast of Noxon, 7.2 mi upstream from Bull River, and at river mile 169.7.

DRAINAGE AREA.--21,833 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1959 to current year.

COOPERATION.--Elevations and capacity table furnished by the Avista Corporation.

REMARKS.--Reservoir is formed by concrete and earthfill dam, construction began in 1955, completed in 1959. Storage began Apr. 3, 1959. Usable capacity, 334,600 acre-ft between elevation 2,270.00 ft, minimum operating level, and 2,331.00 ft. Prior to October 1962, published as "Noxon Reservoir." Records of daily elevation are on file at USGS Water Science Center located in Helena, Montana. Water-stage recorder, midnight readings. Elevation of gage is 2,270 ft, referenced to the National Geodetic Vertical Datum of 1929. Figures given herein represent usable contents. Water is used for power production, flood control, and recreation.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 335,400 acre-ft, Apr. 7, 1960, elevation, 2,331.10 ft; minimum since first filling, 26,380 acre-ft, May 10, 1967, elevation, 2,277.15 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 333,200 acre-ft, May 11, elevation, 2,330.82 ft; minimum, 291,700 acre-ft, Apr. 15, elevation, 2,325.39 ft.

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

Date	Elevation (feet)	Contents (acre-feet)	Change in Contents (acre-feet)
September 30	2,327.76	309,400	--
October 31	2,329.35	321,700	+12,300
November 30	2,328.70	316,600	-5,100
December 31	2,328.78	317,200	+600
Calendar Year 2010	--	--	+3,000
January 31	2,328.72	316,800	-400
February 28	2,326.99	303,600	-13,200
March 31	2,327.21	305,300	+1,700
April 30	2,327.75	309,300	+4,000
May 31	2,330.01	326,800	+17,500
June 30	2,330.41	329,900	+3,100
July 31	2,327.99	311,100	-18,800
August 31	2,328.97	318,700	+7,600
September 30	2,328.84	317,700	-1,000
Water Year 2011	--	--	+8,300