



Water-Data Report 2007

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.

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. Records furnished by the Avista Corporation.

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, 332,600 acre-ft, June 4, elevation, 2,330.75 ft; minimum, 292,900 acre-ft, Feb. 2, elevation, 2,325.56 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 | 2329.58 | 323,400 | -- |
| October 31 | 2328.72 | 316,800 | -6,600 |
| November 30 | 2328.93 | 318,400 | +1,600 |
| December 31 | 2329.71 | 324,400 | +6,000 |
| Calendar Year 2006 | | | -200 |
| January 31 | 2326.84 | 302,500 | -21,900 |
| February 28 | 2329.85 | 325,500 | +23,000 |
| March 31 | 2329.40 | 322,000 | -3,500 |
| April 30 | 2328.98 | 318,800 | -3,200 |
| May 31 | 2330.43 | 330,100 | +11,300 |
| June 30 | 2329.15 | 320,100 | -10,000 |
| July 31 | 2329.28 | 321,100 | +1,000 |
| August 31 | 2329.17 | 320,300 | -800 |
| September 30 | 2329.25 | 320,900 | +600 |
| Water Year 2007 | | | -2,500 |