



Water-Data Report 2006

12373500 HUBBART RESERVOIR NEAR NIARADA, MT

Pend Oreille Basin
Lower Flathead Subbasin

LOCATION.--Lat 47°55'43", long 114°43'53" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec.18, T.25 N., R.24 W., Flathead County, Hydrologic Unit 17010212, at dam on Little Bitterroot River, 9 mi northwest of Niarada and at river mile 55.8.

DRAINAGE AREA.--114 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 1939, April 1940, September 1940 to current year.

COOPERATION.--Records furnished by Bureau of Indian Affairs.

REMARKS.--Hubbart Reservoir is one of a group of four reservoirs known as the Camas Reservoirs located in the Little Bitterroot River basin operated for irrigation and recreation. Nonrecording gage is read on the last day of the month. Figures given herein represent usable contents. May to July 1948 scattered daily contents for individual reservoirs, published in Water Supply Paper 1080.

Reservoir is formed by concrete variable-radius dam; storage began in 1924. Elevations are referenced to the National Geodetic Vertical Datum of 1929. Usable capacity is 12,120 acre-ft between elevation 3,140.0 ft and 3,210.0 ft. Reservoir has no dead storage.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 13,050 acre-ft, May 31, 1959, elevation, 3,220.92 ft; no storage September to December 1959, Sept. 30, Oct. 1, 1973, October through November 1987, October 2004.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 10,460 acre-ft, June 30, elevation, 3,215.21 ft; minimum, 943 acre-ft, Oct. 31, elevation, 3176.40.

**CAMAS RESERVOIRS MONTHEND CONTENTS, IN ACRE-FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

| Date | Little | Hubbert (12373500) | Upper Dry | Dry Fork (12375500) | Total of 4 |
|--------------|--------------------------|-----------------------|--------------------|------------------------|------------|
| | Bitterroot (12372500) | | Fork (12375000) | | |
| October 31 | 3,500 | 943 | 567 | 636 | 5,650 |
| November 30 | 3,200 | 1,180 | 606 | 636 | 5,620 |
| December 31 | 3,200 | 1,180 | 606 | 636 | 5,620 |
| January 31 | 3,400 | 1,500 | 706 | 717 | 6,320 |
| February 28 | 4,200 | 1,680 | 740 | 765 | 7,380 |
| March 31 | 4,800 | 2,110 | 811 | 880 | 8,600 |
| April 30 | 7,750 | 7,260 | 1,370 | 3,310 | 19,690 |
| May 31 | 8,020 | 9,560 | 2,220 | 3,540 | 23,340 |
| June 30 | 8,020 | 10,460 | 2,720 | 3,860 | 25,060 |
| July 31 | 7,900 | 8,070 | 2,270 | 2,070 | 20,310 |
| August 31 | 7,000 | 4,840 | 1,780 | 1,590 | 15,210 |
| September 30 | 6,100 | 3,760 | 1,810 | 803 | 12,470 |