



Water-Data Report 2007

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, MT, 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, 9,620 acre-ft, Apr. 30, elevation, 3,212.10 ft; minimum, 1,380 acre-ft, Sept. 30, elevation, 3,180.80.

**CAMAS RESERVOIRS MONTHEND CONTENTS, IN ACRE-FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Little	Hubbert	Upper Dry	Dry Fork	Total of 4
	Bitterroot (12372500)	(12373500)	Fork (12375000)	(12375500)	
October 31	5,600	3,980	1,780	803	12,160
November 30	5,600	4,060	1,880	803	12,340
December 31	5,600	4,100	1,900	803	12,400
January 31	5,600	4,300	1,950	803	12,650
February 28	6,400	4,700	2,020	1,010	14,130
March 31	7,900	6,330	2,170	1,520	18,220
April 30	8,150	9,260	2,540	2,540	22,490
May 31	8,150	8,660	2,910	2,850	22,570
June 30	7,300	7,640	2,460	3,370	20,770
July 31	5,000	4,980	1,950	1,360	13,290
August 31	4,200	2,580	485	803	8,070
September 30	3,750	1,380	453	740	6,320