



Water-Data Report 2006

12378400 NINEPIPE RESERVOIR NEAR CHARLO, MT

Pend Oreille Basin
Lower Flathead Subbasin

LOCATION.--Lat 47°27'20", long 114°08'08" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.34, T.20 N., R.20 W., Lake County, Hydrologic Unit 17010212, at outlet works 2 mi northeast of Charlo.

DRAINAGE AREA.--Off-channel storage reservoir.

SURFACE-WATER RECORDS

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

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

REMARKS.--Ninepipe Reservoir is one of a group of eight reservoirs known as the Mission Valley Reservoirs. The reservoirs are located in an area east of and tributary to Flathead River and between Flathead Lake and Jocko River, Lake County, Hydrologic Unit 17010212, and are operated for irrigation. April to July 1948 monthend contents and daily maximum for individual reservoirs, published in Water Supply Paper 1080.

Reservoir is formed by earthfill dam; storage began in 1911. Elevations are referenced to the National Geodetic Vertical Datum of 1929. Usable capacity is 15,000 acre-ft between elevation 2,895.4 ft and 3,010.0 ft. Prior to 1993, usable capacity was 14,870 acre-ft. Reservoir has no dead storage. Reservoir is fed entirely from Kicking Horse Reservoir and water can be pumped from Crow Creek by the Crow pump. Prior to 1988 water year, published as 12380000 Ninepipe Reservoir.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 16,950 acre-ft, June 30, 1974, elevation, 3,012.3 ft; no storage Aug. 31, 1961.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 15,420 acre-ft, June 30, elevation, 3,010.36 ft; minimum observed, 944 acre-ft, Sept. 30, elevation, 2,995.40 ft.

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

| Date | Turtle (12371000) | Lower Crow (12376700) | Mission (12377200) | St. Marys (12377300) | Pablo (12377900) | McDonald (12378200) | Kicking Horse (12378300) | Ninepipe (12378400) | Total of 8 |
|--------------|----------------------|-----------------------------|-----------------------|-------------------------|---------------------|------------------------|--------------------------------|------------------------|---------------|
| October 31 | 511 | 5,340 | 1,560 | 3,130 | 11,630 | 1,480 | 1,900 | 1,460 | 27,010 |
| November 30 | 511 | 6,400 | 1,600 | 1,250 | 11,520 | 1,420 | 3,430 | 1,530 | 27,660 |
| December 31 | 511 | 6,760 | 1,270 | 0 | 11,520 | 1,075 | 5,160 | 1,930 | 38,230 |
| January 31 | 524 | 4,680 | 1,220 | 0 | 11,990 | 886 | 5,380 | 2,180 | 26,860 |
| February 28 | 519 | 3,910 | 1,150 | 0 | 11,630 | 820 | 5,450 | 2,200 | 25,680 |
| March 31 | 304 | 2,140 | 1,080 | 183 | 12,130 | 756 | 4,650 | 2,930 | 24,170 |
| April 30 | 465 | 3,140 | 1,760 | 2,020 | 12,270 | 1,670 | 2,020 | 6,800 | 30,140 |
| May 31 | 866 | 3,620 | 3,310 | 16,120 | 14,110 | 4,570 | 6,380 | 7,310 | 56,290 |
| June 30 | 875 | 4,880 | 8,190 | 22,880 | 25,180 | 8,240 | 9,360 | 15,420 | 95,030 |
| July 31 | 500 | 2,970 | 7,340 | 17,000 | 8,590 | 5,850 | 4,650 | 8,670 | 55,570 |
| August 31 | 111 | 1,690 | 2,680 | 5,610 | 1,920 | 617 | 890 | 1,230 | 14,750 |
| September 30 | 506 | 2,830 | 876 | 2,710 | 7,060 | 430 | 1,330 | 944 | 16,690 |