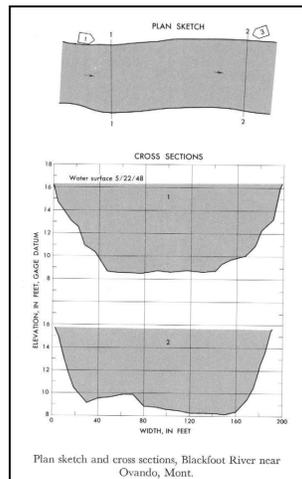


# Blackfoot River near Ovando, Mont



**Study Reach.**--Section 1 is about 0.25 mile upstream from gage.

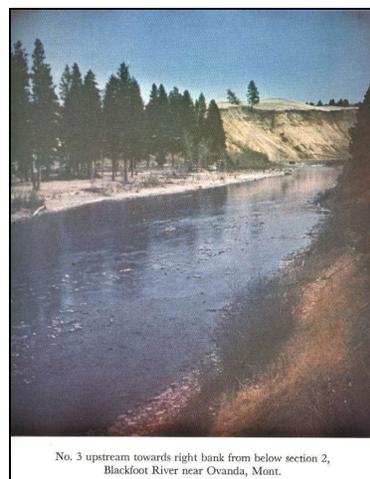
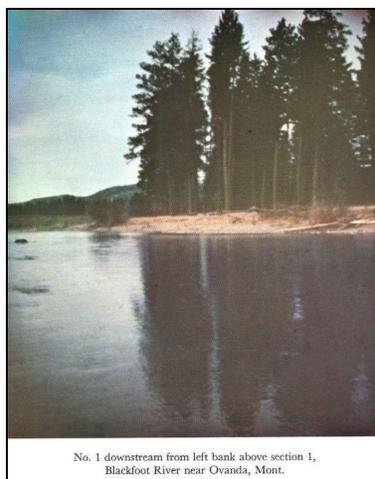
**Gage Location.**--Lat 47°01'10", long 113°13'40", in SE1/4 NW1/4 sec.34, T.15N., R.13W., on left bank 0.25 mile upstream from Monture Creek and 5 miles west of Ovando.

**Drainage Area.**--1,274 sq mi.

**Gage Datum and Elevations of Reference Points.**--

**Stage, Discharge Measurements and Computed n-Values.**--Gage height were 6.84 ft at gage; 16.34 ft at section 1. Peak discharge was 8,200 cfs on May 22, 1948.

Date of Observation	Discharge (ft <sup>3</sup> /s)	Average Cross Section Area (ft <sup>2</sup> )	Hydraulic Radius (ft)	Mean Velocity (ft/s)	Slope	Coefficient of Roughness <i>n</i>
5/22/1948	8212.1	1185.0	6.05	6.93	0.002329	0.031



**Description of Channel.**--Bed is gravel and boulders;  $d_{50} = 155$  mm,  $d_{84} = 280$  mm. Banks consist of same material and are relatively free of vegetation.

**Floods.**--

**Estimated n-Values using Cowan's Approach.**--

**Key words.**--