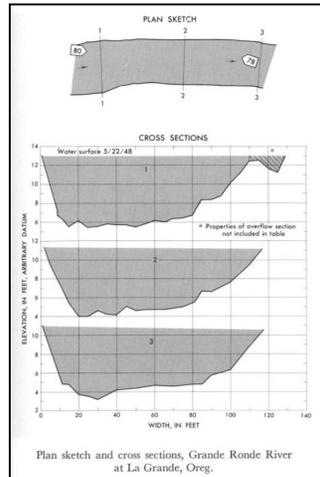


# Grande Ronde River at La Grande, Oreg



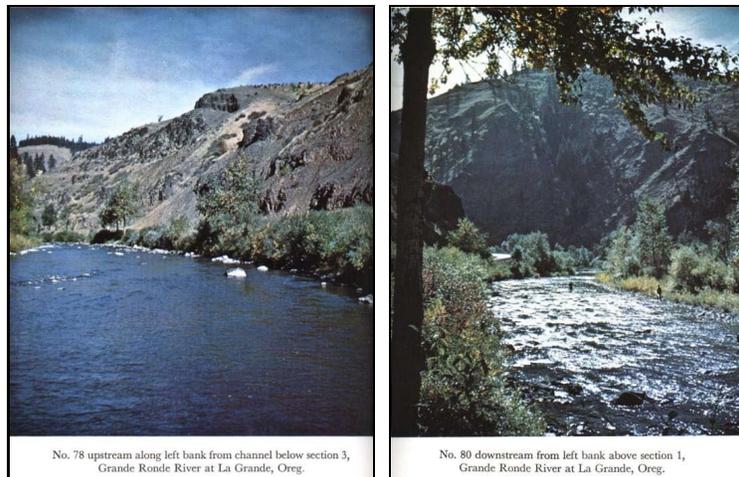
**Study Reach.**--Section 1 is 0.65 mile downstream from gage.

**Gage Location.**--Lat 45°21', long 118°08', near center of sec.36, T.2N., R.37E., on left bank 2 miles northwest of La Grande and 5 miles downstream from Fivepoint Creek.

**Drainage Area.**--678 sq mi.

**Gage Datum and Elevations of Reference Points.**--Not available.

**Stage, Discharge Measurements and Computed n-Values.**--Gage heights were 17.04 ft at gage; 12.95 ft (different datum) at section 1. Peak discharges was 4,620 cfs on May 22, 1948.



**Description of Channel.**--Bed consists of boulders;  $d_{50} = 93$  mm,  $d_{84} = 157$  mm. Right bank is fairly steep and has dense overhanging bushes.

**Floods.**--

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

**Key words.--**