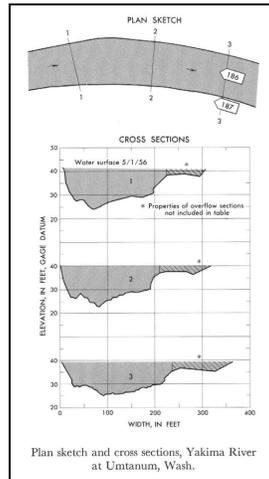


# Yakima River at Umtanum, Wash



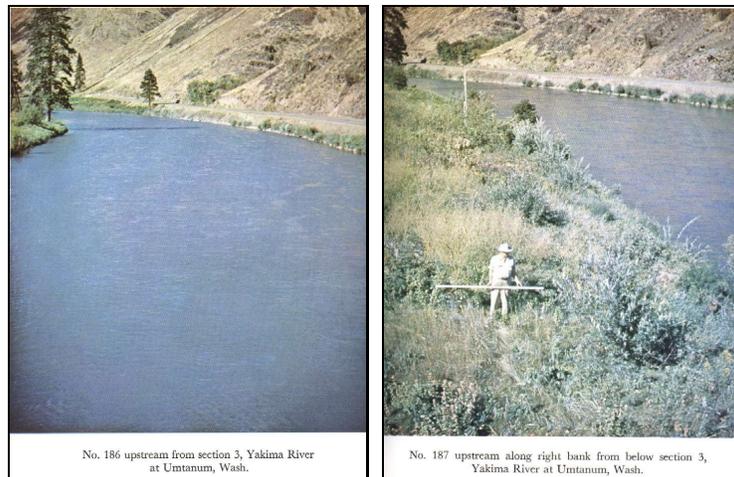
**Study Reach.**--Section 1 is about 650 ft upstream from gage.

**Gage Location.**--Lat 46°51'45", long 120°28'30", in NW1/4 sec.20, T.16N., R.19E., on right bank at Umtanum, 0.5 mile upstream from Umtanum Creek and 10 miles south of Ellensburg.

**Drainage Area.**--1,590 sq mi, approximately.

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

**Stage, Discharge Measurements and Computed n-Values.**--Gage heights were 38.98 ft at gage; 41.27 ft at section 1. Peak discharges was 27,700 cfs. on May 29, 1948.



**Description of Channel.**--Bed consists of gravel and boulders. Left bank is rock riprap with bushes. Right bank is mildly sloped and has some boulders, brush, and weed cover.

**Floods.**--

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

**Key words.--**