

Water-Data Report 2008

14125500 LITTLE WHITE SALMON RIVER NEAR COOK, WA

Middle Columbia Basin
Middle Columbia-Hood Subbasin

LOCATION.--Lat 45°43'25", long 121°37'58" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.26, T.3 N., R.9 E., Skamania County, WA, Hydrologic Unit 17070105, on left bank 1.5 mi northeast of Cook, and at mile 1.6.

DRAINAGE AREA.--134 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--September 1956 to September 1977. Records for October to November 1909, published as "near Cook" in WSP 253, have been found to be unreliable and should not be used.

REVISED RECORDS.--WSP 1568: Drainage area. WSP 1738: 1657(M). WRD Wash. 1972: 1965(M), 1968(M), 1970(M).

GAGE.--Water-stage recorder. Datum of gage is 135.6 ft above mean sea level (unadjusted).

REMARKS.--Broughton Lumber Co. diversion above station carries about 25 ft³/s out of basin into Columbia River. Other diversions above station for water supply, irrigation, and hatchery purposes. Slight regulation.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--21 years, 547 ft³/s, 369,300 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,250 ft³/s Jan. 21, 1972, gage height, 9.92 ft, from rating curve extend above 2,700 ft³/s on basis of slope-area measurement of peak flow; minimum, 96 ft³/s Oct. 19, 1970; minimum gage height, 0.58 ft Oct. 29, 1958, Oct. 11, 1963.

REVISIONS.--The estimated daily value has been revised to e4,400 ft³/s, February 19, 1968. This supersedes the estimated daily value published in WRD Wash. 1968.