

Water-Data Report 2011

**15453610 RAY RIVER TRIBUTARY NEAR STEVENS VILLAGE, AK**

Upper Yukon River Basin  
Ramparts Subbasin

LOCATION.--Lat 65°56'57", long 149°54'55" referenced to North American Datum of 1927, in SW ¼ SE ¼ sec.17, T.13 N., R.11 W., Yukon-Koyukuk Division, AK, Hydrologic Unit 19040404, (Livengood D-6 quad), on right bank 10 ft upstream from culvert at mi 63.6 on the Dalton Highway, and 22 mi west of Stevens Village.

DRAINAGE AREA.--8.00 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--1977 to 2011, discontinued.

REMARKS.--

Discharge measured previously (Water Years): 1977, 1979-80, 1982, 1987-88, 1990-2010.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 860 ft<sup>3</sup>/s, May 1979, gage height, 21.10 at different site or datum.

**DISCHARGE MEASUREMENTS  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Discharge, in ft <sup>3</sup> /s	Gage height, in ft
May 18, 2011	32.8	17.49
May 25, 2011	17.9	16.35
Sep 12, 2011	4.41	15.78

**MAXIMUM PEAK DISCHARGE  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code	Peak gage height date	Peak gage height, in ft	Peak gage height qualification code
May 26, 2011	77	---	17.43	2	Apr 26, 2011	18.84	1
May 20, 2011	35	9	16.77	---	---	---	---

Discharge qualification code:

9 - Discharge due to snowmelt, hurricane, ice-jam or debris dam breakup

Gage height qualification code:

2 - Gage height not the maximum for the year

Peak gage height qualification code:

1 - Peak gage height affected by backwater