

Water-Data Report 2011

15515799 BRUSHKANA C NR CANTWELL AK

Tanana River Basin
Nenana River Subbasin

LOCATION.--Lat 63°17'16", long 148°03'48" referenced to North American Datum of 1927, Yukon-Koyukuk Division, AK, Hydrologic Unit 19040508, in NE ¼ sec.11, T.19 S., R.3 W., (Healy B-3 quad), on upstream right highway bridge abutment, 5.2 mi from mouth, 32 mi east of Cantwell at mile 104.5 on the Denali Highway (AK-8).

DRAINAGE AREA.--115 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1974 to 1981, and 2009 to 2011 (discontinued).

REMARKS.--

Discharge measured previously (water years): 1974-1981 and 2009-2010.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,750 ft³/s, May 22, 1975, gage-height 10.33 ft., at same site and datum.

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

Date	Discharge, in ft ³ /s	Gage height, in ft
May 23, 2011	682	7.03
Jun 15, 2011	235	6.12
Jul 28, 2011	90.3	5.46
Sep 19, 2011	133	5.76

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

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Jun 2, 2011	2,020	9	8.53	---
Aug 20, 2011	457	---	6.71	---

Discharge qualification code:

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