



Water-Data Report 2008

15470300 LITTLE JACK CREEK NEAR NABESNA, AK

Tanana River Basin
Nebesna-Chisana Rivers Subbasin

LOCATION.--Lat 62°32'39", long 143°19'22" referenced to North American Datum of 1927, in SW ¼ NW ¼ SE ¼ sec.22, T.9 N., R.11 E., Southeast Fairbanks Division, AK, Hydrologic Unit 19040501, (Nabesna C-5 quad), on left bank 70 ft upstream from culvert at mi 25.8 Nabesna Road, and 15.6 mi northeast of Nabesna (previously 0.2 mi upstream on left bank).

DRAINAGE AREA.--6.73 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1975 to current year.

REMARKS.--

Discharge measured previously (water years): 1975-77, 1980, 1982-83, 1985-87, 1989-95, 1997-2007.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 263 ft³/s, September 10, 2007, gage-height 16.90 ft.

CORRECTIONS.--Period of Record Maximum was incorrect in WRD-AK 1999, WRD-AK 2000, and WRD-AK 2001.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Discharge, in ft ³ /s	Gage height, in ft
Jun 26, 2008	4.38	15.10
Aug 15, 2008	11.6	15.48

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Discharge, in ft ³ /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
Apr 25, 2008	91	9	16.30	2	Nov 2007	17.17	1
Aug 1, 2008	41	---	15.89	---	---	---	---

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