



Water-Data Report 2008

15291100 RAFT CREEK NEAR DENALI, AK

Susitna River Basin
Upper Susitna River Subbasin

LOCATION.--Lat 63°03'04", long 147°16'22" referenced to North American Datum of 1927, in SW ¼ NW ¼ SE ¼ sec.36, T.21 S., R.2 E., Matanuska-Susitna Borough, AK, Hydrologic Unit 19020501, (Healy A-1 quad), on right bank 40 ft upstream from culvert at mi 68.9 on the Denali Highway, and 10.7 mi southeast of Denali.

DRAINAGE AREA.--4.33 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1963 to 2008 (discontinued).

REMARKS.--

Discharge measured previously (water years): 1963-67, 1970-75, 1977-82, 1984-94, 1997-2007.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 133 ft³/s, June 1964, gage-height 11.72 ft.

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

Date	Discharge, in ft ³ /s	Gage height, in ft
May 23, 2008	7.89	11.21
Jun 17, 2008	26.1	10.41
Jul 29, 2008	90.8	10.70
Sep 19, 2008	26.9	10.45

**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
Aug 5, 2008	92	---	10.82	---	May 17, 2008	13.81	1

Peak gage height qualification code:

1 - Peak gage height affected by backwater