



Water-Data Report 2008

15906000 SAGAVANIRKTOK RIVER TRIBUTARY NEAR PUMP STATION 3, AK

Prudhoe Bay Basin
Sagavanirktok River Subbasin

LOCATION.--Lat 68°41'13", long 149°05'42" referenced to North American Datum of 1927, North Slope Borough, AK, Hydrologic Unit 19060402, on right bank 30 ft downstream from culvert, at mi 297.9 Dalton Highway, 14 mi south of Pump Station 3, and 16.5 mi upstream from mouth.

DRAINAGE AREA.--28.4 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Annual maximums, water years 1979-87 and 2008. Daily discharges, October 1987 to September 2007. (No winter record in water year 1989.)

REVISED RECORDS.--WDR AK-96-1:1992(M), 1994(M), 1995(M).

GAGE.--Water stage recorder. Elevation of gage is 2,475 ft above sea level, from topographic map. Crest-stage gage only, August 15, 1979 to September 12, 1987, and June 8, 2008 to present, 30 ft upstream of culvert at same datum.

REMARKS.--

Discharge measured previously (Water Years): 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1,810 ft³/s, August 15, 2002, gage height 21.90 ft.

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

Date	Discharge, in ft ³ /s	Gage height, in ft
Dec 3, 2007	0.000	---
May 28, 2008	36.8	17.90
Jun 1, 2008	15.0	17.55
Jun 8, 2008	15.3	17.52
Sep 9, 2008	5.30	17.17

**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
May 23, 2008	54	9	18.14	---

Discharge qualification code:

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