



Water-Data Report 2006

15904900 ATIGUN RIVER TRIBUTARY NEAR PUMP STATION 4, AK

Prudhoe Bay Basin
Sagavanirktok River Subbasin

LOCATION.--Lat 68°22'25", long 149°18'48" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.28, T.12 S., R.12 E., North Slope Borough, AK, Hydrologic Unit 19060402, (Phillip Smith Mt. B-4 quad), on right bank 0.2 mi upstream from bridge at mi 265 on Dalton Highway, 0.9 mi upstream from mouth, and 4 mi south of Pump Station 4.

DRAINAGE AREA.--32.6 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1976 to current year.

REMARKS.--Discharge measured previously (Water Years):1977-91, 1994, 1996-99, 2001-05.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,650 ft³/s, July 17, 1999, gage height, 15.51 ft.

DISCHARGE MEASUREMENTS WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Date	Discharge, in ft ³ /s	Gage height, in ft
Aug 10, 2006	94.3	11.61

MAXIMUM PEAK DISCHARGE WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Jul 12, 2006	269	---	12.52	---
Jun 19, 2006	267	9	12.51	---

Discharge qualification code:

9 - Discharge due to snowmelt