

15904900 ATIGUN RIVER TRIBUTARY NEAR PUMP STATION 4

LOCATION.--Lat 68°22'25", Long 149°18'48", in NE¹/₄, SE¹/₄ sec. 28, T. 12 S., R. 12 E. (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.

TRIBUTARY TO.--Atigun River.

PERIOD OF RECORD.--1976, ‡1977-86, 1987 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).--‡1977-86, 1987-91, 1994, 1996-99, 2001-04.

 Water year 2005 Measurements

Date	Gage Height (ft)	Discharge (ft ³ /s)
06-04-05	10.96	46.2

Water year 2005 maximum			Period of record maximum		
Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
06-14-05	12.28	S/212	7-17-99	15.51	1,650
07-17-05	13.30	R/509			

‡ Operated as a continuous-record station
 R/ Rainfall
 S/ Spring runoff

15910300 SAGAVANIRK TOK RIVER TRIBUTARY NEAR HAPPY VALLEY CAMP

LOCATION.--Lat 69°09'39", Long 148°49'40", in NE¹/₄ sec. 30, T. 3 S., R. 14 E. (Sagavanirktok A-4 quad), North Slope Borough, on right bank 500 ft upstream from culvert at mi 335.2 on the Dalton Highway, 0.8 mi north of Happy Valley Camp, and 16 mi south of Sagwon.

DRAINAGE AREA.--12.7 mi².

TRIBUTARY TO.--Sagavanirktok River.

PERIOD OF RECORD.--1997 to current year.

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS).--1997-2004.

 Water year 2005 Measurements

Date	Gage Height (ft)	Discharge (ft ³ /s)
06-04-05	21.07	115
07-20-05	18.99	4.1
09-14-05	18.44	0

Water year 2005 maximum			Period of record maximum		
Date	Gage Height (ft)	Discharge (ft ³ /s)	Date	Gage Height (ft)	Discharge (ft ³ /s)
06-02-05	f22.02	u	06-08-00	23.82	850
06-03-05	21.68	S/201			
07-13-05	21.53	R/176			

f/ Ice affected
R/ Rainfall
S/ Spring runoff

15918200 SAGAVANIRKTOK RIVER TRIBUTARY NEAR DEADHORSE

LOCATION.--Lat 69°57'14", Long 148°43'48", in NW¹/₄, NE¹/₄ sec. 19, T. 1 N., R. 14 E. (Sagavanirktok D-3 quad), on right bank 6 ft upstream from culvert at mi 386.2 on the Dalton Highway, 0.4 mi upstream from mouth, and 23 mi south of Deadhorse.

DRAINAGE AREA.--12 mi² approximately.

TRIBUTARY TO.--Sagavanirktok River.

PERIOD OF RECORD.--1986, 1988 to current year.

DISCHARGED MEASURED PREVIOUSLY (WATER YEARS).--1988-91, 1995-97, 1999-2001, 2003-04.

Water year 2005 Measurements		
Date	Gage Height (ft)	Discharge (ft ³ /s)
05-29-05	6.74	8.6

Water year 2005 maximum			Period of record maximum		
Date	Gage Height (ft)	Discharge (ft ³ /s)	Date	Gage Height (ft)	Discharge (ft ³ /s)
05-26-05	7.35	S/19	05-24-96	j11.8	142
07-13-05	<6.73	R/<8.7			

< Less than
j From floodmarks
R/ Rainfall
S/ Spring runoff