

**15910300 SAGAVANIRKTOK RIVER TRIBUTARY NEAR HAPPY VALLEY CAMP, AK**

Prudhoe Bay Basin  
Sagavanirktok River Subbasin

LOCATION.--Lat 69°09'38", long 148°49'40" referenced to North American Datum of 1927, in NE ¼ NW ¼ NE ¼ sec.30, T.3 S., R.14 E., North Slope Borough, AK, Hydrologic Unit 19060402, (Sagavanirktok A-4 quad), on right bank 500 ft. upstream from culvert at mile 335.2 on the Dalton Highway, 0.8 mile north of Happy Valley Camp, and 16 miles south of Sagwon.

DRAINAGE AREA.--12.7 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--1997 to current year.

REMARKS.--Discharge measured previously (Water Years):1997-2006.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 850 ft<sup>3</sup>/s, June 8, 2000, gage height 23.82 ft.

**DISCHARGE MEASUREMENTS  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft <sup>3</sup> /s	Gage height, in ft
Jun 6, 2007	85.6	20.78
Jul 12, 2007	0	---
Aug 30, 2007	0	---
Sep 20, 2007	0	---

**MAXIMUM PEAK DISCHARGE  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Jun 4, 2007	185	9	21.56	---
Aug 6, 2007	14	4	19.43	4

Discharge qualification code:

4 - Discharge less than indicated value, which is minimum recordable discharge at this site

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

Gage height qualification code:

4 - Gage height below minimum recordable elevation