



Water-Data Report 2009

**15624998 ARCTIC CREEK ABOVE TRIBUTARY NEAR NOME, AK**

Norton Sound Basin  
Nome Subbasin

LOCATION.--Lat 64°38'16", long 165°42'42" referenced to North American Datum of 1927, in SW ¼ NE ¼ sec.8, T.10 S., R.35 W., Nome Division, AK, Hydrologic Unit 19050104, (Nome C-2 quad), on right bank 350 ft upstream from culvert on the Nome-Teller Road, 2 mi upstream from mouth, and 13 mi northwest of Nome.

DRAINAGE AREA.--1.13 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--1975, 1979 to 2009 (discontinued).

REMARKS.--

Discharge measured previously (water years): 1975, 1979-84, 1986-1991, 1993-2008.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 182 ft<sup>3</sup>/s, August 20, 1998, gage-height 19.06 ft. at site then in use.

**DISCHARGE MEASUREMENTS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Discharge, in ft <sup>3</sup> /s	Gage height, in ft
Jul 7, 2009	0.95	19.79
Aug 31, 2009	3.31	20.05

**MAXIMUM PEAK DISCHARGE  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Discharge, in ft <sup>3</sup> /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
Jun 12, 2009	13	9	20.39	2	Jun 4, 2009	23.69	1
Aug 30, 2009	12	---	20.37	---	---	---	---

Discharge qualification code:

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

Gage height qualification code:

2 - Gage height not the maximum for the year

Peak gage height qualification code:

1 - Peak gage height affected by backwater