



Water-Data Report 2011

**15239900 ANCHOR RIVER NEAR ANCHOR POINT, AK**

Kenai Peninsula Basin  
Lower Kenai Peninsula Subbasin

LOCATION.--Lat 59°44'50", long 151°45'11" referenced to North American Datum of 1927, in NW ¼ SW ¼ NE ¼ sec.13, T.5 S., R.15 W., Kenai Peninsula Borough, AK, Hydrologic Unit 19020301, on right bank underneath bridge on Sterling Highway, 4.3 mi southeast of Anchor Point. Mile Post 161 (Seldovia C-5 quad).

DRAINAGE AREA.--137 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--1965-74, 1978-87, 1991-92, 2000 to current year.

REMARKS.--

Discharge measured previously (water years): 1965-74, 1978-86, 1988 1991-93, 1995-96, 1999-2010.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,000 ft<sup>3</sup>/s, November 23, 2002, gage-height 9.10 ft. from floodmark.

**DISCHARGE MEASUREMENTS  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Discharge, in ft <sup>3</sup> /s	Gage height, in ft
Aug 2, 2011	146	1.10

**MAXIMUM PEAK DISCHARGE  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

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
Oct 4, 2010	1,420	---	3.31	2	Apr 23, 2011	4.80	1
Apr 30, 2011	926	9	2.62	---	---	---	---

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