



Water-Data Report 2009

## 15088400 CUPOLA PEAK CREEK AT BEAR COVE NEAR SITKA, AK

Central Southeast Alaska Basin  
Baranof-Chichagof Islands Subbasin

LOCATION.--Lat 57°00'39", long 135°09'11" referenced to North American Datum of 1927, in NE ¼ SE ¼ SE ¼ sec.13, T.56 S., R.64 E., City & Borough of Sitka, AK, Hydrologic Unit 19010203, (Sitka A-4 quad), on Baranof Island, in the Tongass National Forest, 10 ft upstream from Green Lake Road crossing, 400 ft upstream from mouth at south shore of Bear Cove in Silver Bay, and about 7.1 mi southeast of Sitka.

DRAINAGE AREA.--0.43 mi<sup>2</sup>, TRIBUTARY TO: Bear Cove

### SURFACE-WATER RECORDS

PERIOD OF RECORD.--2000 to current year.

REVISED RECORDS.--The peak discharge for water year 2005 of 294 cfs estimated on December 2, 2004 is erroneous due to rating definition.

REMARKS.--

DISCHARGE MEASURED PREVIOUSLY (WATER YEARS): 2000-2008.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 64 ft<sup>3</sup>/s from rating extended above 16 ft<sup>3</sup>/s based on an indirect culvert analysis, January 12, 2009, gage height 18.67 ft.

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

Date	Discharge, in ft <sup>3</sup> /s	Gage height, in ft
Nov 4, 2008	0.38	16.02

### 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
Jan 12, 2009	64	---	18.67	---