

1574699020 IKALUKROK CREEK 0.6 MILE BELOW RED DOG CREEK NEAR KIVALINA, AK

Noatak River-Lisburne Peninsula Basin
Wulik-Kivalina Rivers Subbasin

LOCATION.--Lat 68°05'09", long 162°58'07" referenced to North American Datum of 1927, in SE ¼ SE ¼ NE ¼ sec.15, T.31 N., R.19 W., Northwest Arctic Borough, AK, Hydrologic Unit 19050404, (De Long Mountains A-2 quad), on left bank 0.6 miles downstream from Red Dog Creek, 3 miles northwest of Red Dog Mine, 36 miles north of Noatak, and 48 miles northeast of Kivalina.

DRAINAGE AREA.--86.7 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 2005 to September 2010. Miscellaneous measurements collected from June 2001 to September 2004 and June to September 2011.

REMARKS.--Flow from 2.8 square miles of the drainage basin is regulated by a tailings dam at the Red Dog Mine site. Up to 25 ft³/s of the flow at the gage may be discharge from Red Dog Mine during the summer period.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Date	Discharge, in ft³/s	Gage height, in ft
Jun 3, 2011	1,000	29.00
Jul 29, 2011	199	27.47
Sep 10, 2011	318	27.78