

Viavant, T. 2009. Aerial monitoring of Dolly Varden overwintering abundance in the Anaktuvuk, Ivishak, Canning, and Hulahula rivers, 2006-2008. Alaska Department of Fish and Game, Fishery Data Series No. 09-21, Anchorage.

ABSTRACT

Aerial counts of Dolly Varden *Salvelinus malma* in overwintering index areas were conducted by helicopter in the Anaktuvuk and Ivishak rivers during September of 2006, 2007, and 2008. Counts were conducted in overwintering index areas on the Canning and Hulahula rivers during September of 2007 and 2008. Counts were conducted within defined index areas. Index areas were established in the Anaktuvuk and Ivishak rivers during previous studies conducted in 2001-2003. Index areas in the Canning and Hulahula rivers were established during preliminary surveys flown in 2007. Counts varied between years by as much as a factor of two, but for those rivers with comparable previous data, the counts from 2006 to 2008 were within the range of historical values.