

ABSTRACT

Aerial counts of overwintering Dolly Varden char *Salvelinus malma* were conducted by helicopter in the Ivishak, Anaktuvuk, Canning, and Hulahula rivers September 17-20, 2007. In the Ivishak River, 6,520 fish were counted in the 28 km overwintering index area. In the Anaktuvuk River, 5,807 fish were counted in the 40 km overwintering index area. In the Canning River, a preliminary index of 86 km of river was identified, and 3,936 fish were counted. In the Hulahula River, a preliminary index area of 69 km of river was identified, and 9,575 fish were counted. The 2007 aerial count in the index area of the Ivishak River was approximately 20% higher than the count from 2006 (5,411). The 2007 aerial count of the Anaktuvuk River was only slightly higher (6%) than the 2006 aerial count in the index area of the Anaktuvuk River (5,477). No previous counts of the Canning or Hulahula rivers were available for comparison.

Viavant, T. 2008. Aerial monitoring of Dolly Varden overwintering abundance in the Anaktuvuk, Ivishak, Canning, Hulahula, and Kongakut rivers, 2007. U.S. Fish and Wildlife Service, Office of Subsistence Management, Fisheries Resource Monitoring Program, 2008 Annual Report (Study No. 06-108). Alaska Department of Fish and Game, Division of Sport Fish, Fairbanks, Alaska.