

## **Abundance and run timing of adult salmon in Henshaw Creek, Kanuti National Wildlife Refuge, Alaska 2001**

**Abstract:** A resistance board weir was operated between June 25 and August 12, 2001 to collect biological information from adult salmon returning to Henshaw Creek, a tributary of the Koyukuk River in north central Alaska. This was the second year of a multi-year project to study Chinook *Oncorhynchus tshawytscha* and chum *O. keta* salmon populations. A total of 1,091 Chinook salmon and 34,777 chum salmon passed through the weir. There were four resident species that migrated through the weir; longnose sucker *Catostomus catostomus* (N=2,378), Arctic grayling *Thymallus arcticus* (N=239), northern pike *Esox lucius* (N=8), and whitefish *Coregonus spp.* (N=2). The median date of passage for Chinook salmon was July 19. The Chinook run was composed of 40% females. The age distribution was predominately age 1.4 (45%) and age 1.3 (42%) fish. The median date of passage for chum salmon was July 20. The chum salmon run was composed of 61% females. The age distribution was predominately age 0.4 (63%) fish.

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