

## **2001 Kanektok River weir report**

**Abstract:** The commercial harvest, and the age, sex, and length composition of the commercial harvest are summarized for District W-5. In the Kanektok River, escapement and abundance estimates for Chinook, *Oncorhynchus tshawytscha*, sockeye, *O. nerka*, coho, *O. kisutch*, and chum, *O. keta*, salmon are reported. Escapement age, sex, and length are reported for coho salmon. A resistance board floating weir on the Kanektok River was used to estimate escapement and provide a platform for the collection of age, sex and length data. The 2001 commercial salmon harvest was 12,775 Chinook, 33, 807 sockeye, 18,531 coho, and 17,209 chum salmon, for a total of 82,322 fish, all being below their most recent 10-year averages. The weir was operated from August 9 until October 3. Passage was 129 Chinook, 739 sockeye, 1,039 chum, and 35,650 coho salmon, 2,556 Dolly Varden, 18 white fish, and 60 rainbow trout. No biological escapement goals have been established for any species of salmon for the Kanektok River weir. The delay in weir installation did preclude the project from meeting its objectives of enumerating and collecting ASL information from Chinook, sockeye, and chum salmon escapements. The predominant age classes were 1.4, 1.3, 0.3, and .04, and 2.1 for Chinook, sockeye, chum, and coho salmon respectively. The predominant age class composition for coho salmon escapement was age 2.1 fish.

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