

## **Abundance and Run Timing of Adult Pacific Salmon in the Tuluksak River, Yukon Delta National Wildlife Refuge, Alaska, 2008**

The Kenai Fish and Wildlife Field Office operated a weir on the Tuluksak River, a tributary to the lower Kuskokwim River in the Yukon Delta National Wildlife Refuge, between June 29 and September 10, 2008. A resistance board weir was used to collect abundance, run timing, and biological data from returning adult salmon. These data support in-season and post-season management of the commercial and subsistence fisheries in the Kuskokwim area. In 2008, an estimated 12,550 chum *Oncorhynchus keta*, 701 Chinook *O. tshawytscha*, 188 sockeye *O. nerka*, 111 pink *O. gorbuscha* and 7,457 coho salmon *O. kisutch* passed through the Tuluksak River weir. Peak weekly passage occurred July 13–19 for chum, Chinook and pink salmon, July 27–August 2 for sockeye salmon, and August 17–23 for coho salmon. Age, sex, and length data were collected for each species except pink salmon. Dominant age classes were 0.4 for chum, 1.4 for female and 1.3 for male Chinook, 1.3 for sockeye, and 2.1 for coho salmon. Over all percentages for female salmon were chum 42%, Chinook 41%, sockeye 54%, and coho 39%.

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