

GOODNEWS RIVER SALMON MONITORING AND ASSESSMENT, 2010

Goodnews River is the primary salmon spawning drainage in the Goodnews Bay area and supports subsistence, commercial, and sport fisheries near the communities of Goodnews Bay and Platinum in Southwest Alaska. The Alaska Department of Fish and Game, in cooperation with the U.S. Fish and Wildlife Service, operates a resistance board weir to enumerate fish returning to Middle Fork Goodnews River. In 2010, a total of 2,244 Chinook *Oncorhynchus tshawytscha*; 35,762 sockeye *O. nerka*; 26,687 chum *O. keta*; 3,444 pink *O. gorbuscha*; 23,839 coho salmon *O. kisutch*; and 3,757 Dolly Varden *Salvelinus malma* were estimated to have passed through the weir from 25 June through 18 September. High water hindered operations and resulted in a total of 20 inoperable days during this period. Chinook and sockeye salmon escapements at the weir were within their respective biological escapement goal ranges and chum and coho salmon escapements were above their respective sustainable escapement goal lower bounds in 2010. However, escapements for Chinook, sockeye, chum, and coho salmon were below average. The 2010 commercial harvest in District W-5 was 1,752 Chinook; 41,074 sockeye; 26,914 chum; and 4,900 coho salmon. The total exvessel value of \$473,662 was the highest value since 1994.

Citation: Elison, T. B., and D. V. Taylor. 2011. Goodnews River salmon monitoring and assessment, 2010. Alaska Department of Fish and Game, Fishery Data Series No. 11-68, Anchorage.