

## **Middle Fork Goodnews River Fisheries Studies, 2000**

**Abstract:** Commercial harvest and age, sex, and length data for Pacific salmon, *Oncorhynchus*, are reported for the 2000 season in District W-5. Escapement estimates and abundance data are summarized for Middle Fork Goodnews River spawning escapements for the 2000 season. Age, sex, and length data are summarized for coho salmon for the Goodnews Bay commercial fishery and the Middle Fork Goodnews River spawning escapement. A resistance board-floating weir is used on the Middle Fork Goodnews River to estimate escapement and to allow the collection of age, sex and length data. In 2000, 4,442 Chinook salmon *Oncorhynchus tshawytscha*, 37,252, sockeye salmon *O. nerka*, 15,531 coho salmon *O. kisutch*, 7 pink salmon *O. gorbuscha*, and 7,450 chum salmon *O. keta*, salmon were commercially harvested in District W-5. During the 2000 season, the weir project was in operation during the majority of Chinook and sockeye runs, and for all of the pink and coho salmon runs the escapement count of 3,295 Chinook salmon and 14,720 chum salmon were below the escapement goals of 3,500 and 15,000 fish, respectively. The escapement of 42,197 sockeye salmon exceeded the escapement goal of 25,000 fish. Escapements for coho and pink salmon were 19,676 and 2,530 fish, respectively. The predominant age classes of coho salmon sampled from the commercial harvest in District W-5 and the Middle Fork Goodnews River escapement project were age 2.1 (97.6 and 97.9%, respectively).

**Citation:** Estensen, J. L. 2001. Middle Fork Goodnews River Fisheries Studies, 2000. U. S. Fish and Wildlife Service, Office of Subsistence Management, Fisheries Resource Monitoring Program, 2000 Annual Report (Study No. 00-027). Alaska Department of Fish and Game, Commercial Fisheries Division, Regional Information Report No. 3A01-20, Bethel, Alaska.