

Abundance and Run Timing of Adult Salmon in the Tozitna River, Alaska, 2004.

The Tozitna River project is a multi-agency study to determine escapement, run timing, and age-sex-length (ASL) composition of adult Chinook and summer chum salmon in a middle Yukon River Basin tributary. A resistance board weir was operated from 21 June to 10 August 2004. High stream discharge from the period of 1 to 3 August prevented counting and biological sampling; counts were interpolated for this period. The escapement for Chinook salmon was 1,880. The age composition was 39 % age-4, 41 % age-5, and 20 % age-6. The sex composition from readable scales was 17.5 % female. The escapement for summer chum salmon was 25,003. The age composition was 3 % age-3, 64 % age-4, and 33 % age-5. The sex composition from readable scales was 47 % female.

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