

**Title:** Stock assessment of sockeye salmon from the Buskin River, Kodiak, Alaska, 2008

**Abstract:** Salmon weirs were operated on the Buskin River drainage on Kodiak Island, Alaska, from May 20 – September 29, 2008 to enumerate sockeye salmon *Oncorhynchus nerka*. A total of 5,900 sockeye salmon were counted into Buskin Lake. A total of 833 sockeye salmon were also counted into the Catherine-Louise lakes tributary. The midpoint of the Buskin Lake run occurred on June 28; the midpoint of the Catherine-Louise lakes tributary run occurred on August 13. Most sockeye salmon in the Buskin Lake escapement were aged 2.3, 1.3 or 1.2 while Catherine-Louise lakes bound sockeye were aged either 1.2 or 2.2. The preliminary 2008 subsistence harvest was 2,149 sockeye salmon, most of which were aged 1.3.

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**Study Number:** FIS 07-402

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**Management Regions:** Kodiak Area, Bristol Bay/Alaska Peninsula/Kodiak Region

**Information Type:** Stock Status and Trends

**Issue Addressed:** Data collected from the project will be used for inseason management and development of an escapement goal for this sockeye salmon stock.

**Study Cost:** \$69,300

**Study Duration:** June 1 – August 15, 2008

**Key Words:** Age composition, Buskin River, Kodiak Island, sockeye salmon, *Oncorhynchus nerka*, subsistence harvest, weir.