

Estimation of Sockeye Salmon Escapement into McLees Lake, Unalaska Island, Alaska, 2007

Abstract

The Anchorage Fish and Wildlife Field Office operated a fixed picket weir at the outlet of McLees Lake on Unalaska Island from 1 June to 27 July 2007. A total of 21,428 sockeye salmon *Oncorhynchus nerka* were counted through the weir. Peak daily passage occurred on 1 July when 1,017 sockeye salmon were counted through the weir. Nine hundred sixty-nine sockeye salmon were sampled for age, sex, and length analysis. Of this sample 157 (16%) scales were unreadable. Five age classes were identified from the 812 readable scales. Ages 1.3 (87%) and 2.3 (9%) accounted for 96 % of the sample. Females comprised an estimated 38 % of sockeye salmon sampled in 2007.

Citation:

Anderson, J. L., and M. R. Edwards. 2008. Estimation of sockeye salmon escapement into McLees Lake, Unalaska Island, Alaska, 2007. U.S. Fish and Wildlife Service, Alaska Fisheries Data Series Report Number 2008-9, Anchorage, Alaska.