

# SOOES/OZETTE— SOOES FALL CHINOOK

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## STOCK STATUS

1992 STATUS	2002 STATUS
<b>Unknown</b>	<b>Unknown</b>

## STOCK STATUS RATING DATA

Abundance data for the natural-origin component of this composite stock are very limited, so stock status is **Unknown** in 2002. Hatchery escapement data from 1984 to the present is available from the Makah National Fish Hatchery staff. The relevancy of this data in determining stock status rating is currently unresolved between state and tribes.

## STOCK DEFINITION

Sooes fall Chinook were identified as a stock based on their distinct spawning distribution and genetic differences.

**SPAWNING DISTRIBUTION:** Spawning takes place throughout the watershed up to RM 13.8 in the mainstem before an impassable falls and in up to 39 miles of tributaries. Most spawning occurs primarily within the first three miles of the mainstem Sooes River below the Makah National Fish Hatchery (MNFH) conversion dam. Active adult passage above the dam has occurred for 15 years by the U.S. Fish & Wildlife Service (USFWS).

**SPAWNING TIMING:** Spawning generally occurs from October through November.

**GENETIC ANALYSIS:** Fall Chinook sampled at Makah NFH in 1997 were genetically distinct from other Washington Chinook stocks examined. Natural spawners have not been sampled (Anne Marshall, WDFW, pers comm). It is unlikely that hatchery plants of Green River Fall Chinook into the Sooes River that occurred about 50 years ago had a much influence on the genetic integrity of the native Sooes River Fall Chinook stock, however Sooes Chinook do show some similarities to Puget Sound Chinook, which could be the result of these introductions (Mike Crewson, Makah Tribe, pers comm).

## STOCK ORIGIN

This is a **native** stock with **composite** production. Fish are spawned at the Makah National Fish Hatchery, and fry are released into the drainage.