

STRAIT OF JUAN DE FUCA – CHIMACUM CREEK SUMMER CHUM

This stock was not identified in the 1992 SASSI.

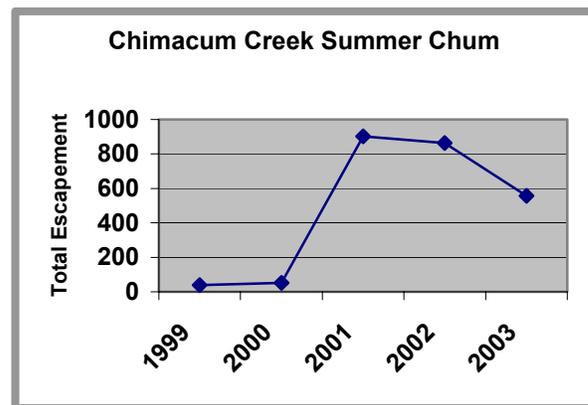
STOCK STATUS

1992 STATUS	2002 STATUS
Not rated	Extinct

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS:
Good

YEAR	TOTAL ESCAPEMENT
1999	38
2000	52
2001	903
2002	864
2003	558



No long-term standardized escapement surveys were conducted for Chimacum Creek summer chum. Surveys done as part of a Chimacum High School project during the middle 1970s and early 1980s, and incidental WDFW surveys indicated that summer-timed chum were present until the mid-1980s.

Summer chum began to return to Chimacum Creek in 1999 as a result of a reintroduction program originally conceived by Wild Olympic Salmon, a private non-profit salmon enhancement group on the Olympic Peninsula. This program began in 1996 and is using broodstock from the Snow/Salmon creeks summer chum stock.

Stock status continues to be rated **Extinct** because we do not know whether a naturally-producing population is established in the stream.

STOCK DEFINITION

Chimacum Creek summer chum were recognized as a separate stock in the state-tribal summer chum recovery plan (WDFW and PNPTT 2000) based on their distinct spawning distribution and early spawning timing.

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SPAWNING DISTRIBUTION: Most spawning occurs in the lower two miles of Chimacum Creek.

SPAWNING TIMING: Spawning generally occurs from mid-September through mid-October.

GENETIC ANALYSIS: No genetic sampling was conducted prior to the loss of the native stock.

STOCK ORIGIN

This original stock was **native** with **wild** production. The introduced stock is **non-native** with **cultured** production since it originated from the Snow/Salmon stock and has been supported by hatchery production beginning in 1996. The present population is considered a range extension of the Snow/Salmon creeks summer chum stock.