

HOOD CANAL – UPPER SKOKOMISH LATE FALL CHUM

STOCK STATUS

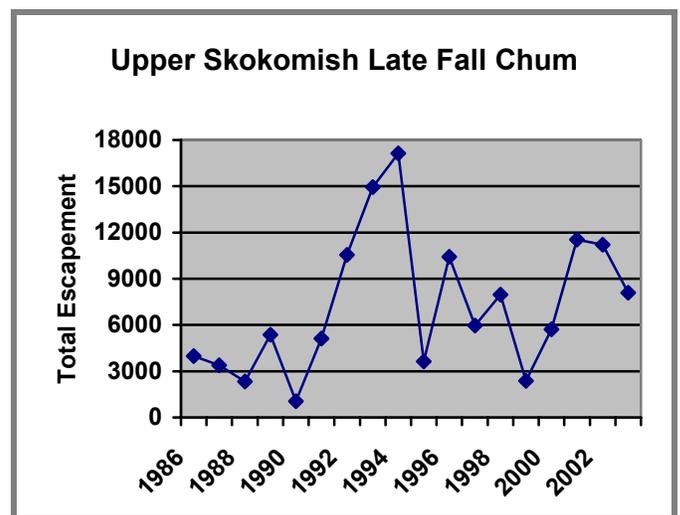
1992 STATUS	2002 STATUS
Healthy	Healthy

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS:

Good

YEAR	TOTAL ESCAPEMENT
1986	3,992
1987	3,386
1988	2,342
1989	5,366
1990	1,058
1991	5,109
1992	10,549
1993	14,940
1994	17,126
1995	3,624
1996	10,430
1997	5,974
1998	7,966
1999	2,374
2000	5,717
2001	11,542
2002	11,206
2003	8,085



Data are total escapement estimates based on live spawner counts in index areas on the North Fork Skokomish River, Richert Springs, Swift Creek and Vance Creek.

Upper Skokomish late fall chum have a long-term pattern of relatively stable escapements, with somewhat higher escapements in the 1990s. The stock is rated **Healthy** in 2002.

STOCK DEFINITION

Upper Skokomish late fall chum were identified as a stock based on their distinct spawning distribution, later river entry and spawning timing, and their genetic composition.

SPAWNING DISTRIBUTION: Spawning occurs in most tributaries of the Skokomish system below the Cushman Dam on the North Fork. Spawning is concentrated in the lower 4.7 miles of the North Fork Skokomish.

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SPAWNING TIMING: Spawning generally occurs from December through January.

GENETIC ANALYSIS: Allozyme analysis has shown that North Fork Skokomish fall chum contribute to the genetic heterogeneity with Hood Canal, but not all pairwise comparisons with other Hood Canal fall chum stocks show significant differences (Phelps et al. 1995).

STOCK ORIGIN

This is a **native** stock with **wild** production.