

HOOD CANAL – DUCKABUSH SUMMER CHUM

In 1992 this stock was a component of the Hood Canal summer chum stock, which was rated Critical, and did not receive a separate status rating.

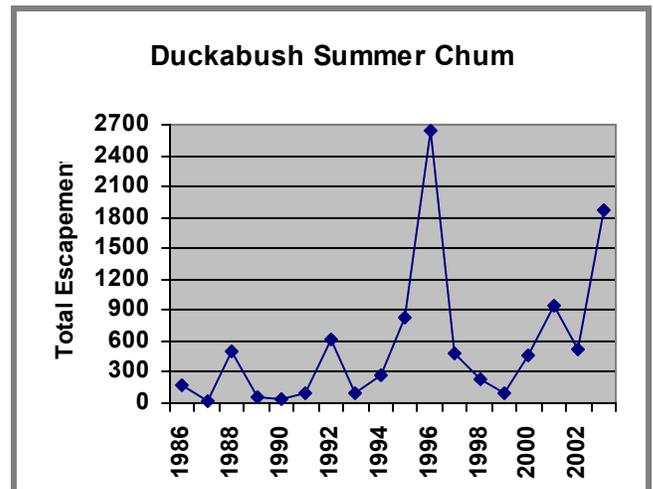
STOCK STATUS

1992 STATUS Not rated	2002 STATUS Depressed
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STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS:
Good

YEAR	TOTAL ESCAPEMENT
1986	177
1987	12
1988	497
1989	60
1990	42
1991	102
1992	617
1993	105
1994	263
1995	825
1996	2,650
1997	475
1998	226
1999	92
2000	464
2001	942
2002	530
2003	1869



Data are total escapement estimates based on live spawner counts from RM 0.0 to RM 2.0.

Duckabush summer chum declined in the 1980s along with other Hood Canal summer chum stocks. They have shown some modest improvement in recent years. The stock is rated **Depressed** in 2002 due to its continuing pattern of **chronically low** escapements.

STOCK DEFINITION

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

SPAWNING DISTRIBUTION: Spawning takes place in the lower 2.3 miles of the Duckabush River.

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

GENETIC ANALYSIS: Allozyme analysis has shown that Duckabush summer chum are genetically distinct from all other Washington chum stocks except Hamma Hamma summer chum (Phelps et al. 1995). Separate stock status is based on the geographic distances among these populations and the likely degree of reproductive isolation.

STOCK ORIGIN

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