

HOOD CANAL – SKOKOMISH WINTER STEELHEAD

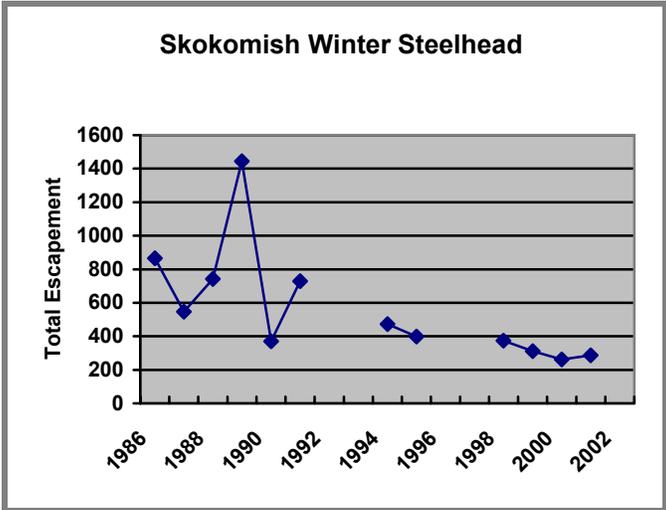
STOCK STATUS

1992 STATUS Depressed	2002 STATUS Depressed
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STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Fair

YEAR	TOTAL ESCAPEMENT
1986	866
1987	559
1988	742
1989	1,466
1990	333
1991	711
1992	Incomplete survey
1993	Incomplete survey
1994	448
1995	446
1996	Incomplete survey
1997	Incomplete survey
1998	376
1999	311
2000	261
2001	286
2002	Incomplete survey
2003	Incomplete survey



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Data are total escapement estimates based on redd counts in index areas on the mainstem Skokomish (RM 0.0 to 9.0), in the North Fork Skokomish (RM 9.0 to RM 13.0) and in the South Fork Skokomish (RM 0.0 to 21.4). Surveys in 1992 and 1993, 1996 and 1997, as well as 2002 and 2003, were incomplete due to high water.

Stock status is rated **Depressed** in 2002 based on **chronically low** escapements and a **long-term negative trend** in escapement. In all years but one (1989), escapements have been lower than expected based on available habitat. Using WDFW methodology (Gibbons et al. 1985) the escapement goal would be 1400 wild adults in index areas. However the state and Treaty Tribes have not agreed to the goal or the method used to derive it.

STOCK DEFINITION

Skokomish winter steelhead were identified as a separate stock based on their distinct spawning distribution.

SPAWNING DISTRIBUTION: Most spawning takes place in the mainstem Skokomish and South Fork Skokomish rivers.

SPAWNING TIMING: Spawning generally occurs from mid-February to mid-June.

GENETIC ANALYSIS: Allozyme analysis has shown that the Skokomish winter steelhead stock appears to be distinct from other Hood Canal steelhead stocks (Phelps et al. 1997).

STOCK ORIGIN

Stock origin and production type are **unresolved** by the state and tribes.