

STRAIT OF JUAN DE FUCA – ELWHA WINTER STEELHEAD

STOCK STATUS

1992 STATUS

Depressed

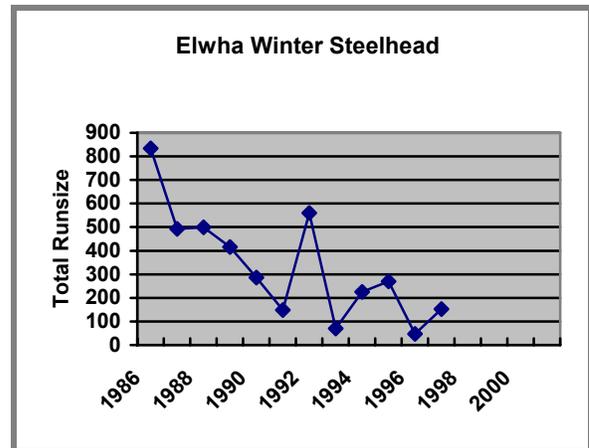
2002 STATUS

Unknown

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Fair

YEAR	TOTAL RUNSIZE
1986	834
1987	493
1988	499
1989	416
1990	286
1991	148
1992	560
1993	70
1994	225
1995	270
1996	47
1997	153



Data are total runsize estimates based on hatchery/wild ratios in the commercial harvest and the return to the Elwha Hatchery.

Stock status is rated **Unknown** in 2002 because the lack of systematic abundance data after 1997. The stock is likely to be Depressed. Access to most of the historic spawning areas is blocked by the Elwha Dam. Limited spawner surveys in recent years have documented an average of only 50 redds per year (EFRC 2003).

STOCK DEFINITION

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

SPAWNING DISTRIBUTION: Spawning is confined to the lower 4.9 miles of the Elwha River, below the Elwha Dam.

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

GENETIC ANALYSIS: No genetic analysis has been done on Elwha winter steelhead.

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STOCK ORIGIN

This stock is a **mixed** stock with **wild** production. This stock has been influenced by hatchery winter steelhead.