

LOWER COLUMBIA – GREEN (TOUTLE) WINTER STEELHEAD

STOCK STATUS

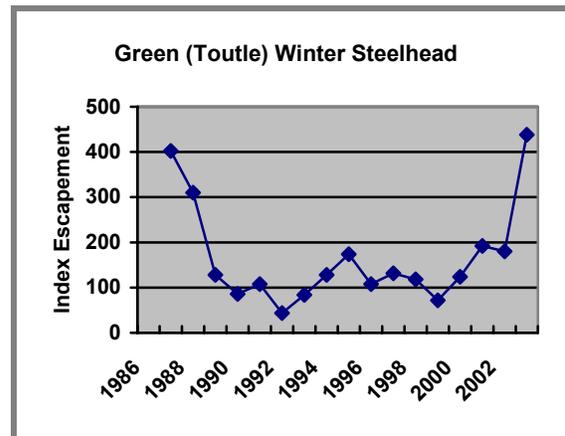
1992 STATUS
Depressed

2002 STATUS
Depressed

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: **Fair**

YEAR	INDEX ESCAPEMENT
1987	402
1988	310
1989	128
1990	86
1991	108
1992	44
1993	84
1994	128
1995	174
1996	108
1997	132
1998	118
1999	72
2000	124
2001	192
2002	180
2003	438



Data are index escapement estimates based on redd counts in index areas on the mainstem Green River and in Elk, Cascade, and Devil's creeks.

Stock status is rated **Depressed** in 2002 because of **chronically low** escapements. An escapement goal of 1,100 fish has been established for this stock.

STOCK DEFINITION

Green (Toutle) winter steelhead were identified as a stock based on their distinct spawning distribution.

SPAWNING DISTRIBUTION: Most spawning takes place in the Green River and in tributaries such as Devil, Elk, and Shultz creeks.

SPAWNING TIMING: Spawning generally occurs from March through early June.

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GENETIC ANALYSIS: Genetic sampling was conducted in 1995, however comparisons of allele frequencies between this stock and other lower Columbia steelhead stocks for determining stock distinctiveness are not very informative (Myers et al. 2002).

STOCK ORIGIN

This is a **native** stock with **wild** production. Aside from several small fry plants after the 1980 eruption of Mount St. Helens, hatchery winter steelhead have not been stocked into the South Fork Toutle River.