

MID-COLUMBIA – TOUCHET SUMMER STEELHEAD

STOCK STATUS

1992 STATUS

Depressed

2002 STATUS

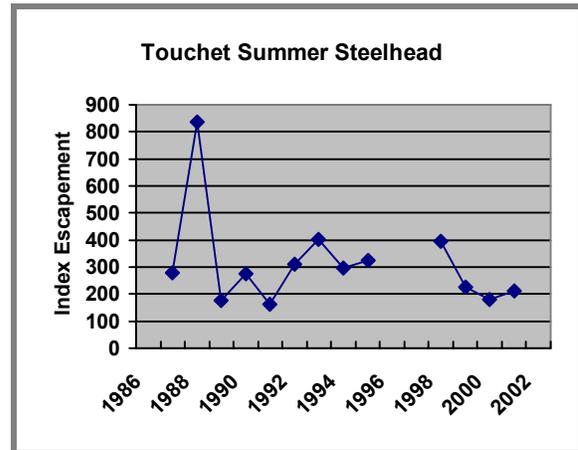
Depressed

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS:

Fair

YEAR	INDEX ESCAPEMENT
1987	278
1988	837
1989	178
1990	276
1991	161
1992	311
1993	402
1994	298
1995	323
1996	No data
1997	No data
1998	395
1999	226
2000	181
2001	211
2002	No data
2003	No data



Data are wild spawner index escapement estimates in the North Fork, South Fork, Wolf Fork and Robinson Fork of the Touchet River and in the upper mainstem Touchet. These indices do not include Coppei Creek and many small tributaries upstream from the town of Dayton.

An escapement goal of 600 adults has been established for this stock. A recent run of the Potential Parr Production Model (Gibbons et al. 1985) has generated an escapement goal of 1,081 spawners (Glen Mendel, WDFW, personal communication). Stock status is rated **Depressed** in 2002 because of **chronically low** spawner escapement values.

STOCK DEFINITION

Touchet summer steelhead were identified as a stock based on their distinct spawning distribution.

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SPAWNING TIMING: Most spawning takes place in the North Fork, South Fork and Wolf Fork of the Touchet. Spawning also occurs in Coppoi and Robinson creeks and in many small tributaries.

SPAWNING TIMING: Spawning generally occurs from February through May.

GENETIC ANALYSIS: Allozyme analysis of Touchet summer steelhead sampled in 1995 clustered them with Asotin Creek summer steelhead and with Wells Hatchery (upper Columbia) summer steelhead (Phelps et al. 1997).

STOCK ORIGIN

This is a **mixed** stock with **composite** production. Wells and Lyons Ferry hatchery stocks have been released into the Touchet since 1984 from the Dayton Acclimation Pond. Adult trapping data indicate that less than 20% of the run upstream from Dayton consists of hatchery fish.