

HOOD CANAL - HAMMA HAMMA COHO

STOCK STATUS

1992 STATUS

Healthy

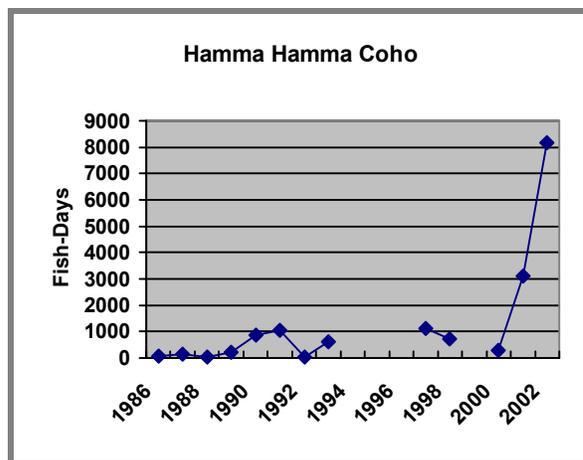
2002 STATUS

Unknown

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Poor

YEAR	CUMULATIVE FISH-DAYS
1986	87
1987	130
1988	38
1989	202
1990	882
1991	1,042
1992	39
1993	617
1994	No data
1995	No data
1996	No data
1997	1,124
1998	710
1999	No data
2000	276
2001	3,121
2002	8,169



Data are cumulative fish-days values for an index on John Creek (RM 0.0 to 1.6), a Hamma Hamma tributary.

Index escapement data are sporadic from 1994 to 2001. The stock is rated **Unknown** in 2002 because data for only four of the last eight years are complete.

STOCK DEFINITION

Hamma Hamma coho were identified as a stock based on their distinct spawning distribution.

SPAWNING DISTRIBUTION: Most spawning takes place in the lower two miles of the Hamma Hamma River and in the lower two miles of John Creek.

SPAWNING TIMING: Spawning generally occurs from early November to late December.

GENETIC ANALYSIS: No genetic analysis has been done on Hamma Hamma coho.

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STOCK ORIGIN

This is a **mixed** stock with **wild** production. There have been sporadic releases of non-native hatchery yearlings between 1954 and 1980 into the Hamma Hamma. These releases utilized Hood Canal, Dungeness, Quilcene, Green River, Minter and George Adam stocks. This stock is likely a mixture of the native and introduced non-native stocks.