

HOOD CANAL - SOUTHEAST HOOD CANAL COHO

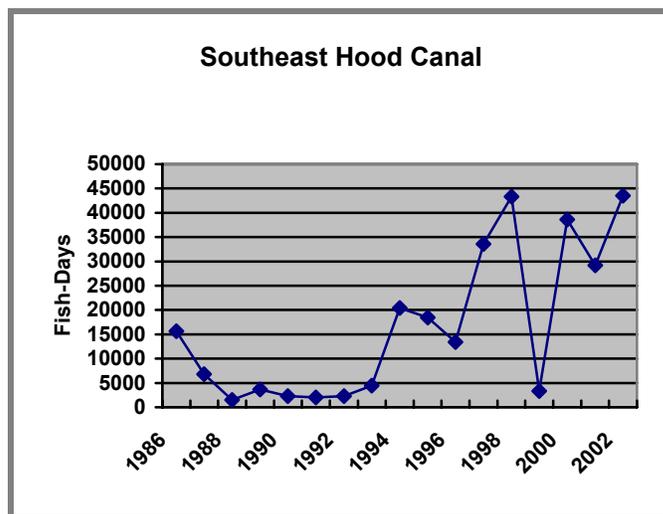
STOCK STATUS

1992 STATUS Depressed	2002 STATUS Healthy
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STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: *Good*

YEAR	CUMULATIVE FISH-DAYS
1986	15,646
1987	6,781
1988	1,474
1989	3,661
1990	2,299
1991	2,037
1992	2,315
1993	4,467
1994	20,388
1995	18,424
1996	13,429
1997	33,560
1998	43,315
1999	3,313
2000	38,589
2001	29,214
2002	43,508



Data are season cumulative fish-days values for the indices on the Tahuya River (Little Tahuya River (RM 0.0 to 1.0), Andys Creek (RM 0.0 to 0.6), Erdman Lake (RM 0.0 to 1.4), Haven Lake (RM 0.0 to 1.2) and Buffoon Creek (RM 0.3 to 0.9)), in Big Mission Creek (RM 3.2 to 5.1), in Little Mission Creek (RM 0.0 to 0.8), in the Union River mainstem (RM 5.3 to 6.0), in Courney Creek (RM 0.0 and 0.8), and in Bear Creek (RM 0.3 to 0.8).

Escapements after 1993 increased dramatically (with the exception of 1999), so stock status is rated **Healthy** in 2002.

STOCK DEFINITION

Southeast Hood Canal coho were identified as a stock based on their distinct spawning distribution and the proximity and similar characteristics of their spawning streams.

SPAWNING DISTRIBUTION: Most spawning takes place in the Tahuya River, Big Mission Creek and Union River. Spawning also occurs in numerous small, independent tributaries from eastern shore of Hood Canal south of the Dewatto River and along the north and south shores of Hood Canal west of the Great Bend.

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SPAWNING TIMING: Spawning generally occurs from early November to early January.

GENETIC ANALYSIS: No genetic analysis has been done on Southeast Hood Canal coho.

STOCK ORIGIN

This is a **mixed** stock with **wild** production. There were periodic off-station releases of hatchery-origin coho yearlings into this region between 1952 and 1976. Most releases were from Minter Creek Hatchery, along with Dungeness, George Adams and Soos Creek hatchery stocks. Releases occurred mainly in the Tahuya and Union Rivers, Big Mission and Stimson Creeks and Lake Erdman. This stock is likely a mixture of the native and introduced non-native stocks.