

WILLAPA BAY – PALIX/NIAWIAKUM COHO

In the 1992 SASSI this stock was a part of the Willapa Bay coho stock.

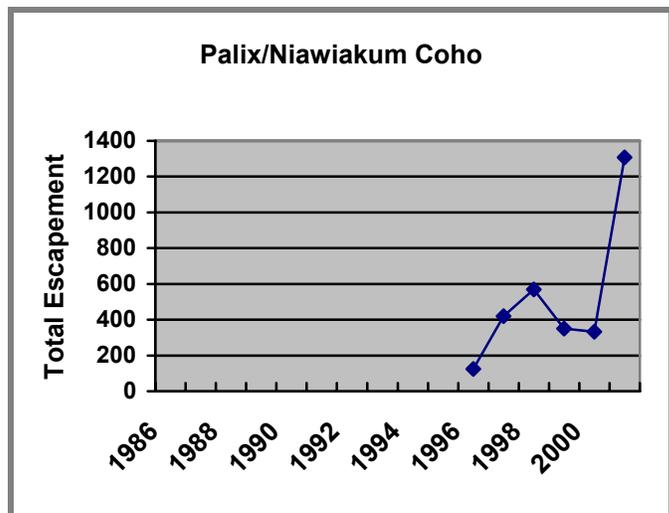
STOCK STATUS

1992 STATUS Not rated	2002 STATUS Healthy
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STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Good

YEAR	TOTAL ESCAPEMENT
1996	125
1997	419
1998	570
1999	351
2000	333
2001	1,308



Data are total escapement estimates based on cumulative redd counts in index areas within the Palix and Niawiakum River basin and supplemental survey observations in stream basins, expanded to basin total escapement estimates.

Escapements have been reasonably large throughout the period of 1995-2000 for the basin size, therefore this stock is rated **Healthy** in 2002.

STOCK DEFINITION

Palix/Niawiakum coho were identified as a stock based on their distinct spawning distribution.

SPAWNING DISTRIBUTION: Most spawning takes place in Canon River and Canyon Creek, the mainstem Niawiakum River and in unnamed tributary 24.0441.

SPAWNING TIMING: Spawning generally occurs from November through January.

GENETIC ANALYSIS: Genetic analysis has not been done on Palix/Niawiakum River coho.

STOCK ORIGIN

This is a **mixed** stock with **composite** production. There has been a history dating back prior to 1950 of large-scale off-station releases of non-native fish into this basin. Stock origin of these releases includes Sooes Creek, Dungeness, Lake Creek and Satsop hatchery stock. In addition there are several large-scale enhancement programs that utilize hatchery-origin fish.