

# LAKE WASHINGTON – LAKE WASHINGTON/ SAMMAMISH TRIBS COHO

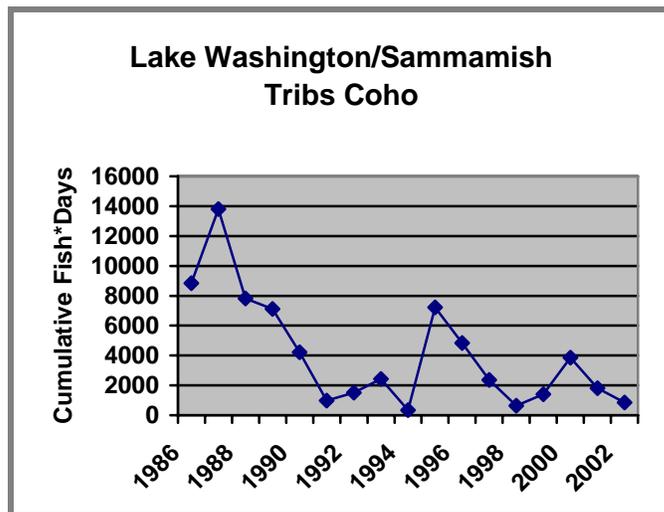
## STOCK STATUS

<b>1992 STATUS</b> Depressed	<b>2002 STATUS</b> Depressed
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## STOCK STATUS RATING DATA

**USEFULNESS FOR RATING STOCK STATUS:** Fair

YEAR	CUMULATIVE FISH* DAYS
1986	8,850
1987	13,804
1988	7,817
1989	7,118
1990	4,210
1991	978
1992	1,505
1993	2,421
1994	339
1995	7,225
1996	4,832
1997	2,375
1998	630
1999	1,414
2000	3,852
2001	1,804
2002	862



Data are sums of cumulative fish\*days for Lake Washington and Sammamish coho survey indices (WRIAs 08.0059, 08.0070, 08.0076, 08.0080, 08.0083, 08.0084, 08.0105, 08.0106, 08.0110 (Cedar River basin indices are excluded)).

The stock was rated as Depressed in 1992, due to the 1990 and 1991 escapement index values being the lowest observed on the database up to that time. Index values have continued to be at levels far below those observed in the 1980s. In 2002 the stock is again rated **Depressed**, due to a pattern of **chronically low** escapements.

## STOCK DEFINITION

Lake Washington/Sammamish Tribs coho were identified as stock due to their distinct spawning distribution.

**SPAWNING DISTRIBUTION:** Spawning takes place throughout the east and northwest tributaries of Lake Washington, in Sammamish River tributaries, in Lake Sammamish tributaries and in Issaquah Creek and its tributaries.

**SPAWNING TIMING:** Most spawning occurs from late October to mid-December.

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**GENETIC ANALYSIS:** No genetic analysis has been done on Lake Washington/Sammamish Tribs coho.

## **STOCK ORIGIN**

This is a **mixed** stock with **composite** production. Various non-native hatchery-origin coho stocks were released into Issaquah Creek between the early 1950s and the early 1970s. Some have probably been incorporated into the Issaquah Hatchery broodstock, the hatchery component of the stock.