

STRAIT OF JUAN DE FUCA - SEQUIM BAY COHO

STOCK STATUS

1992 STATUS

Depressed

2002 STATUS

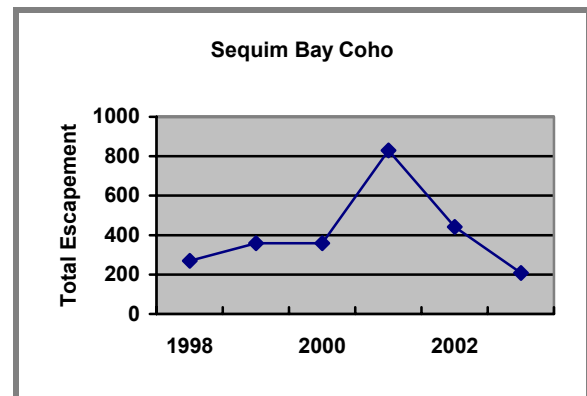
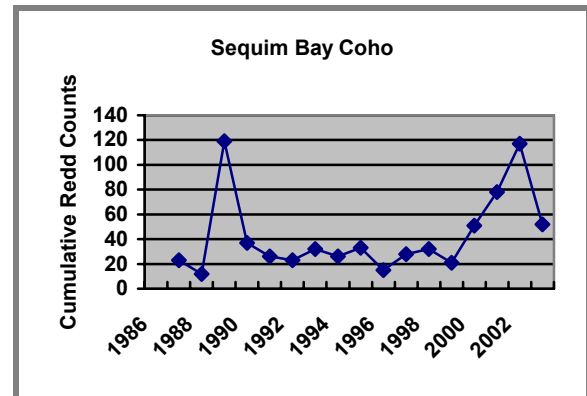
Depressed

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK

STATUS: Good

BROOD YEAR	REDD COUNTS	TOTAL ESCAPEMENT	TOTAL SMOLTS
1986	No data		
1987	23		
1988	12		
1989	119		
1990	37		
1991	26		
1992	23		
1993	32		
1994	26		
1995	33		
1996	15		
1997	28		
1998	32	269	
1999	21	358	
2000	51	358	934
2001	78	829	1,274
2002	117	441	2,482
2003	52	208	



Data are 1) cumulative redd counts in the JimmyComeLately Creek index area from RM 0.0 to 1.5; and 2) total escapement estimates based on redd counts using a stratified random sampling method in JimmyComeLately Creek plus Sequim Bay and tributaries such as Johnson, Dean, Bell and Chicken Coop creeks (Crain 1999); and 3) total smolts based on smolt trapping in JimmyComeLately Creek.

Redd counts have been relatively stable since 1992. The stock status rating remains **Depressed** in 2002 because of **chronically low** escapements.

STOCK DEFINITION

Sequim Bay coho were identified as a stock based on their distinct spawning ground distribution.

SPAWNING DISTRIBUTION: Spawning takes place in accessible portions of JimmyComeLately, Johnson and Dean creeks.

SPAWNING TIMING: Spawning generally occurs from late October to early January.

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

STOCK ORIGIN

This is a **mixed** stock with **wild** production. This area received substantial off-station yearling releases, primarily of Dungeness Hatchery stock between 1952 and 1971. Other yearling plants came from the Soos Creek (Green River) and Marblemount (Skagit River) hatcheries. This stock is likely a mixture of the native stock and non-native stocks introduced into these streams.