

QUILLAYUTE – SOL DUC FALL COHO

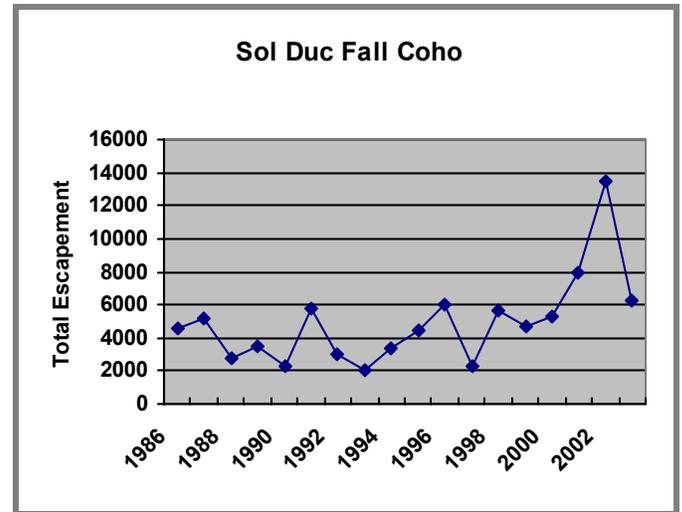
STOCK STATUS

1992 STATUS Healthy	2002 STATUS Healthy
--------------------------------------	--------------------------------------

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Good

YEAR	TOTAL ESCAPEMENT
1986	4,555
1987	5,149
1988	2,800
1989	3,446
1990	2,300
1991	5,743
1992	3,019
1993	2,089
1994	3,333
1995	4,452
1996	6,060
1997	2,262
1998	5,597
1999	4,638
2000	5,342
2001	7,889
2002	13,500
2003	6,269



Data are total escapement estimates based on cumulative redd counts in index reaches and supplemental survey observations, expanded to basin total escapement estimates. Index areas surveyed include Tassel Creek (RM 0.0 to 0.5), Gunderson Creek (RM 0.0 to 0.6), Swanson Creek (RM 0.0 to 0.6), Lake Creek (RM 4.9 to 5.8), Johnson Creek (RM 0.0 to 0.5), Bockman Creek (RM 2.0 to 2.8), Redoubt Creek (RM 0.0 to 0.9) and Camp Creek (RM 0.5 to 1.2) as well as unnamed tributary 20.0317 (RM 0.0 to 0.4).

Stock status is again rated **Healthy** due to recent-year escapements being at or above the long-term average and reasonably robust annual escapements.

STOCK DEFINITION

Sol Duc fall coho were identified as a stock based on their distinct spawning distribution.

QUILLAYUTE – SOL DUC FALL COHO

SPAWNING DISTRIBUTION: Most spawning takes place in the numerous small and medium-size tributaries throughout the basin such as Bear and Beaver creeks. Limited mainstem spawning also occurs in isolated locations under favorable conditions.

SPAWNING TIMING: Spawning generally occurs from mid-November to mid-January.

GENETIC ANALYSIS: Genetic analysis has not been done on Sol Duc Fall coho.

STOCK ORIGIN

This is a **native** stock with **composite** production. There is a large fall coho program at the Sol Duc Hatchery that utilizes rack returns for brood stock. The hatchery stock was originally derived from the native stock.