

# QUILLAYUTE – SOL DUC FALL CHINOOK

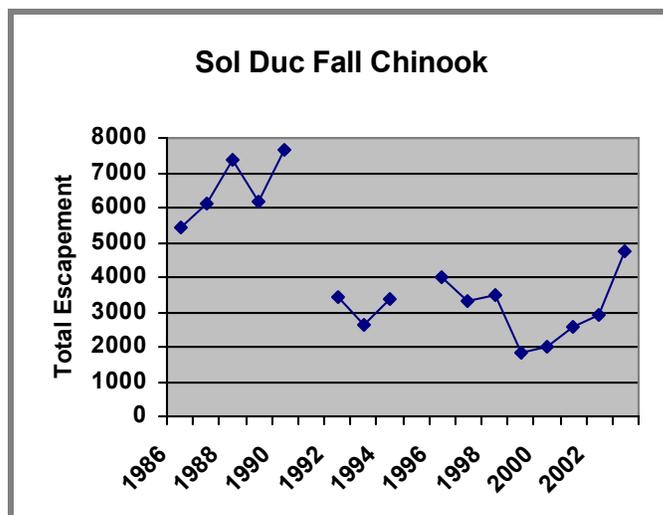
## STOCK STATUS

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

USEFULNESS FOR RATING STOCK STATUS: Good

YEAR	TOTAL ESCAPEMENT
1986	5,438
1987	6,100
1988	7,379
1989	6,156
1990	7,658
1991	No data
1992	3,420
1993	2,628
1994	3,376
1995	No data
1996	4,003
1997	3,338
1998	3,470
1999	1,854
2000	1,978
2001	2,593
2002	2,940
2003	4,720



Data are total escapement estimates based on redd counts in index areas on the mainstem Sol Duc (RM 5.6 to 53.5, RM 11.2 to 13.0, RM 18.6 to 22.6 and RM 41.1 to 43.0). Surveyed index areas also include Gunderson, Shuwah, Lake, Beaver and Bear creeks.

There is no evidence of a negative trend in escapements. Present spawning distribution is thought to be similar to the historic spawning distribution, therefore stock status is again rated **Healthy** in 2002.

## STOCK DEFINITION

Sol Duc fall Chinook were identified as a stock based on their distinct spawning distribution, later river entry timing (September to late November), and spawning timing.

**SPAWNING DISTRIBUTION:** Spawning takes place in the mainstem Sol Duc River up to the forks and in larger tributaries including Gunderson, Shuwah, Lake, Beaver and Bear creeks.

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

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**GENETIC ANALYSIS:** Genetic analysis has not been done on Sol Duc fall Chinook.

## STOCK ORIGIN

This is a **native** stock with **wild** production. A small hatchery program using native brood stock was discontinued in the early 1990s.