

QUILLAYUTE – CALAWAH SUMMER CHINOOK

STOCK STATUS

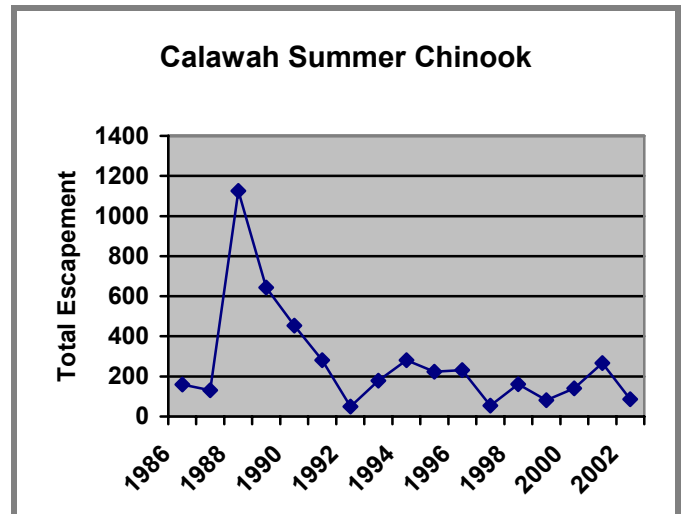
1992 STATUS
Unknown

2002 STATUS
Healthy

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: *Good*

YEAR	TOTAL ESCAPEMENT
1986	160
1987	131
1988	1,125
1989	644
1990	453
1991	281
1992	50
1993	178
1994	281
1995	224
1996	232
1997	55
1998	161
1999	82
2000	140
2001	267
2002	86



Data are total escapement estimates based on redd counts in index areas of the Calawah and Sitkum rivers. Surveyed index areas include the mainstem Calawah River (RM 0.0 to 15.3, RM 8.7 to 10.5 and RM 13.3 to 15.3) and in the North Fork Calawah and Sitkum rivers.

Escapements have remained fairly stable except for the very high value in 1988. Current spawning distribution is thought to be similar to historic distribution. Stock status is again rated **Healthy** in 2002.

STOCK DEFINITION

Calawah summer chinook were identified as a stock based on their distinct spawning distribution, early river entry timing (early April to mid-August), and spawning timing.

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SPAWNING DISTRIBUTION: Most spawning takes place in the mainstem Calawah and South Fork Calawah rivers. In years with high flows, spawning can take place in the lower three miles of the Sitkum River and the lower three miles of the North Fork Calawah River.

SPAWNING TIMING: Spawning generally occurs from late August to mid-October.

GENETIC ANALYSIS: Genetic analysis has not been done on Calawah summer chinook.

STOCK ORIGIN

This is a **native** stock with **wild** production.