

QUILLAYUTE – CALAWAH FALL CHINOOK

STOCK STATUS

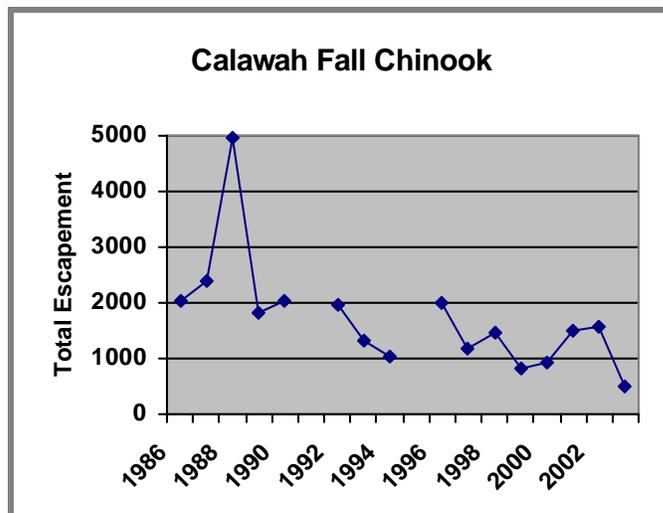
1992 STATUS
Healthy

2002 STATUS
Healthy

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Good

| YEAR | TOTAL ESCAPEMENT |
|------|------------------|
| 1986 | 2,048 |
| 1987 | 2,403 |
| 1988 | 4,947 |
| 1989 | 1,830 |
| 1990 | 2,045 |
| 1991 | No data |
| 1992 | 1,958 |
| 1993 | 1,338 |
| 1994 | 1,021 |
| 1995 | No data |
| 1996 | 2,011 |
| 1997 | 1,187 |
| 1998 | 1,464 |
| 1999 | 810 |
| 2000 | 919 |
| 2001 | 1,488 |
| 2002 | 1,561 |
| 2003 | 487 |



Data are total escapement estimates based on redd counts in index areas on the mainstem Calawah River (RM 8.7 to 10.5 and RM 13.3 to 15.3) and in the North Fork Calawah River, Cool and Hyas creeks and the Sitkum River.

There is no consistent negative trend in escapement and present spawning distribution is thought to be similar to historic distribution. For these reasons, stock status is again rated **Healthy** in 2002.

STOCK DEFINITION

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

SPAWNING DISTRIBUTION: Most spawning takes place in the mainstem Calawah and lower South Fork Calawah rivers. In some years spawning is observed in the lower three miles of the Sitkum River and in the lower 11 miles of the North Fork Calawah River.

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

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GENETIC ANALYSIS: Genetic analysis has not been done on Calawah fall Chinook stock.

STOCK ORIGIN

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