

QUILLAYUTE – BOGACHIEL FALL COHO

STOCK STATUS

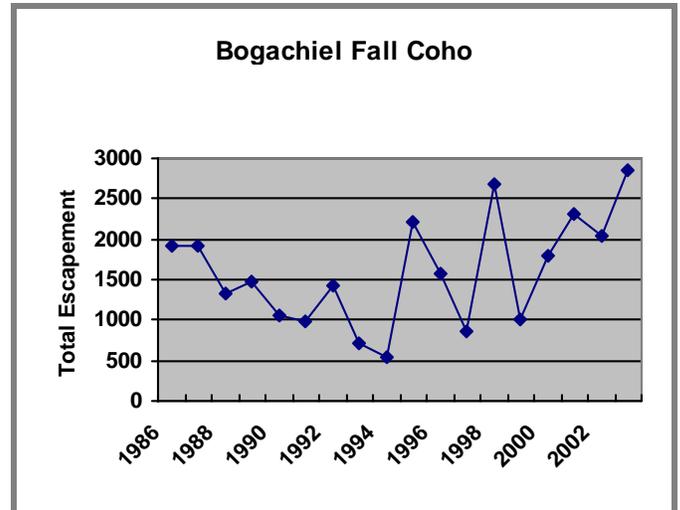
1992 STATUS
Healthy

2002 STATUS
Healthy

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Good

YEAR	TOTAL ESCAPEMENT
1986	1,918
1987	1,915
1988	1,316
1989	1,471
1990	1,048
1991	978
1992	1,423
1993	718
1994	549
1995	2,215
1996	1,585
1997	864
1998	2,688
1999	1,019
2000	1,792
2001	2,323
2002	2,029
2003	2,856



Data are total escapement estimates based on cumulative redd counts in index reaches and supplemental survey observations. Index areas surveyed include the upper Bogachiel River (RM 19.2 to 20.2), Murphy Creek (RM 0.0 to 1.6), Mill Creek (RM 2.5 to 4.0), Hemphill Creek (RM 0.6 to 1.5), Morganroth Creek (RM 0.0 to 0.5), Morganroth Spring (RM 0.0 to 0.4), Kahkwah Creek (RM 0.0 to 0.4) and Kahkwah Slough (RM 0.1 to 0.3).

This stock is again rated **Healthy** based on recent-year escapements being at or above the long-term average and reasonably robust annual escapements.

STOCK DEFINITION

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

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SPAWNING DISTRIBUTION: Most spawning takes place in small to medium-sized tributaries such as Murphy, Maxfield, Dry and Bear creeks, with some limited spawning in the mainstem Bogachiel River 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 Bogachiel fall coho.

STOCK ORIGIN

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