

# QUEETS – CLEARWATER COHO

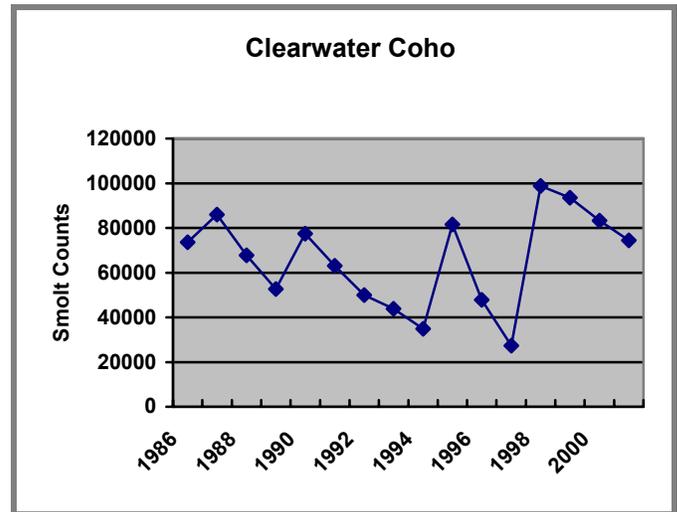
## STOCK STATUS

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

USEFULNESS FOR RATING STOCK STATUS: *Good*

BROOD YEAR	SMOLT COUNTS
1986	73,600
1987	86,000
1988	67,800
1989	52,600
1990	77,500
1991	63,100
1992	49,900
1993	43,900
1994	34,900
1995	81,508
1996	47,807
1997	27,314
1998	98,831
1999	93,469
2000	83,312
2001	74,415



Data are juvenile smolt counts expanded to basin-total smolt production estimates. Index areas surveyed include the mainstem Clearwater River (RM 0.5 to 2.7, RM 15.5 too 17.0 and RM 22.3 to 23.0). Surveyed tributaries include Hurst Creek (RM 0.0 to 1.4), Hunt Creek (RM 0.0 to 0.9), Elkhorn Creek (RM 0.0 to 0.7), Shale Creek (RM 0.0 to 2.0), West Fork Miller Creek (0.0 to 1.0), East Fork Miller Creek (RM 0.0 to 0.5), Christmas Creek (RM 0.0 to 1.3), an unnamed tributary to Christmas Creek 21.0066 (RM 0.0 to 1.3), Peterson Creek (RM 0.0 to 0.3), Deception Creek (RM 0.0 to 0.5), Octopus Creek (RM 0.0 to 1.0) and Bull Creek (RM 0.0 to 0.8). Other surveyed tributaries also include Snahapish River (RM 0.0 to 1.6 and RM 2.3 to 5.2), Stequaleho River (RM 0.0 to 1.8) and Sollecks River (RM 0.0 to 1.2 and RM 6.1 to 7.1).

Stock status for Clearwater coho is again rated **Healthy** in 2002 due to consistently robust smolt production.

## STOCK DEFINITION

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

**SPAWNING DISTRIBUTION:** Most spawning takes place in the Clearwater and Sollecks rivers. Spawning also occurs in tributaries such as Snahapish River and Christmas Creek.

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**SPAWNING TIMING:** Spawning generally occurs from November through January.

**GENETIC ANALYSIS:** Genetic analysis has not been done on Clearwater coho.

## **STOCK ORIGIN**

This is a **native** stock with **composite** production. Native fry and smolt releases occur in the Clearwater basin to supplement wild coho production.