

QUEETS – CLEARWATER FALL CHINOOK

STOCK STATUS

1992 STATUS

Healthy

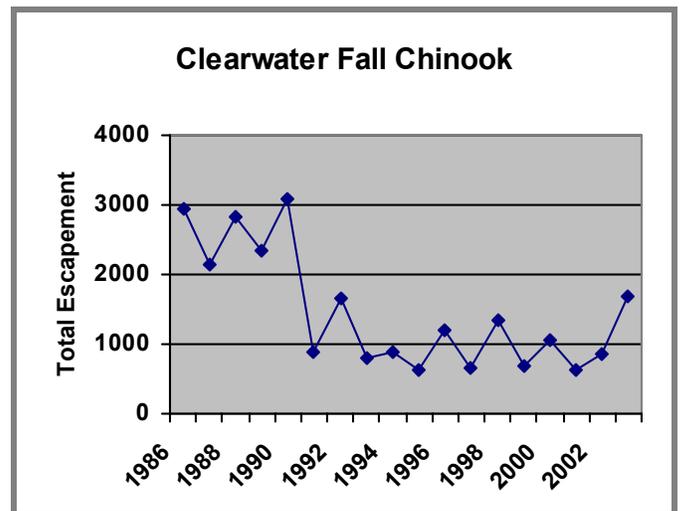
2002 STATUS

Healthy

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: *Good*

YEAR	TOTAL ESCAPEMENT
1986	2,930
1987	2,135
1988	2,833
1989	2,336
1990	3,087
1991	896
1992	1,656
1993	814
1994	892
1995	619
1996	1,212
1997	647
1998	1,340
1999	679
2000	1,050
2001	640
2002	856
2003	1,687



Data are total escapement estimates based on cumulative redd counts in index reaches and supplemental survey observations, expanded to basin total escapement estimates. Index areas surveyed include the mainstem Clearwater River (RM 0.5 to 2.7, RM 15.5 to 17.0 and RM 22.3 to 23.0), Hurst Creek (RM 0.0 to 1.4), Shale Creek (RM 0.0 to 2.0), West Fork Miller Creek (RM 0.0 to 1.0), East Fork Miller Creek (RM 0.0 to 0.5), Christmas Creek (RM 0.0 to 1.3), Peterson Creek (RM 0.0 to 0.3), Deception Creek (RM 0.0 to 0.5), Snahapish Creek (RM 0.0 to 1.6) and Bull Creek (RM 0.0 to 0.6) as well as the Stequaleho River (RM 0.0 to 1.8) and the Solleks River (RM 0.0 to 1.2).

Clearwater fall Chinook have experienced two ranges of escapements since the 1980s. In early to mid-1980s escapements ranged from 500 to 1,500 spawners. In the late 1980s and 1990 escapements increased to 2,000 to 3,000 spawners. Since 1992 escapements have ranged from 600 to 1,600. Recent escapements seem to be more representative of long-term production levels than the higher values. Stock status is again rated **Healthy** in 2002.

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STOCK DEFINITION

Clearwater 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 Clearwater River up to the confluence with the Sollecks River (RM 23.0) and in the lower portions of Miller and Christmas creeks and Sollecks River.

SPAWNING TIMING: Spawning generally occurs from late October through December.

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

STOCK ORIGIN

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