

# QUINAULT – QUINAULT SPRING/SUMMER CHINOOK

## STOCK STATUS

**1992 STATUS**

Depressed

**2002 STATUS**

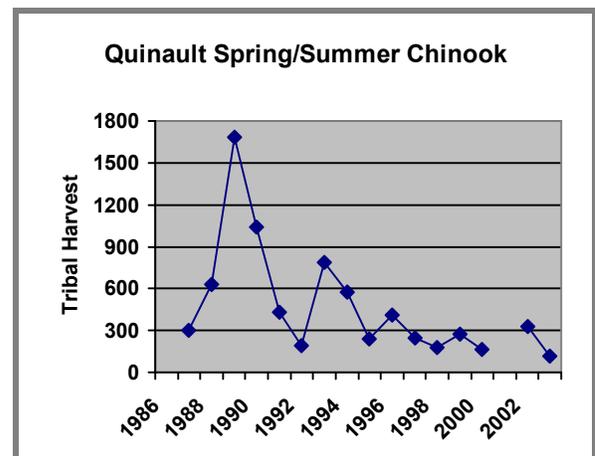
Depressed

## STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS:

Poor

YEAR	TOTAL TRIBAL HARVEST
1987	298
1988	630
1989	1685
1990	1043
1991	430
1992	195
1993	785
1994	573
1995	238
1996	408
1997	245
1998	176
1999	274
2000	165
2001	Not yet available
2002	330
2003	118



Data are total tribal harvest estimates. Quinault Tribal Fisheries staff have been monitoring escapements from the late 1970's to the present. Currently data are unavailable for review.

Quinault spring/summer Chinook were rated **Depressed** in 1992 because of a short-term severe decline in catch. Since then catches have continued to be low, and stock status is rated **Depressed** in 2002 because of **chronically low** harvest.

## STOCK DEFINITION

Quinault spring/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.

**SPAWNING DISTRIBUTION:** Most spawning takes place in the upper mainstem Quinault River from the Quinault Lake inlet (RM 36.2) upstream to Graves Creek (RM 52.6). Some spawning also occurs in the North Fork Quinault River (RM 0.0 to 7.5) and in the lower mainstem Quinault River (RM 16.0 to 33.0).

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**SPAWNING TIMING:** Spawning generally occurs from September through mid-October.

**GENETIC ANALYSIS:** Genetic analysis has not been done on Quinault spring/summer Chinook.

## STOCK ORIGIN

This is a **native** stock with **wild** production. There are early-returning hatchery Chinook in the basin that cannot be distinguished from the native stock, and there is some potential for hybridization between them.