

# QUILLAYUTE – QUILLAYUTE FALL CHUM

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## STOCK STATUS

1992 STATUS	2002 STATUS
<b>Unknown</b>	<b>Unknown</b>

## STOCK STATUS RATING DATA

The Quillayute system has a small, dispersed chum presence. Some of these may be strays from other river systems. Chum catches in the Quillayute River system reported in tribal net fisheries that are directed at other species are low (9 to 91 fish annually). Although they suggest that only low numbers of chum are produced in the Quillayute system, these catches represent an unknown proportion of the total population. Escapement is not monitored. There are no adequate abundance trend data with which to rate stock status so status in 2002 is **Unknown**.

## STOCK DEFINITION

Quillayute fall chum were identified as a stock based on their distinct spawning distribution.

**SPAWNING DISTRIBUTION:** Spawning takes place throughout the Quillayute drainage. Small numbers of chum have been observed in the mainstem Quillayute, Dickey, Sol Duc and Calawah rivers and accessible tributaries.

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

**GENETIC ANALYSIS:** Sampling for genetic analysis has been attempted, but spawner densities are so low that analysis is not feasible at this time.

## STOCK ORIGIN

This is a **native** stock with **wild** production. Two releases of fall chum occurred in 1984 and 1985 from the Lonesome Creek Hatchery on the Quileute reservation. These were fertilized eggs received from WDFW. The impact of these releases on the current native population is not known.