

QUINAULT- QUINAULT SOCKEYE

STOCK STATUS

1992 STATUS

Healthy

2002 STATUS

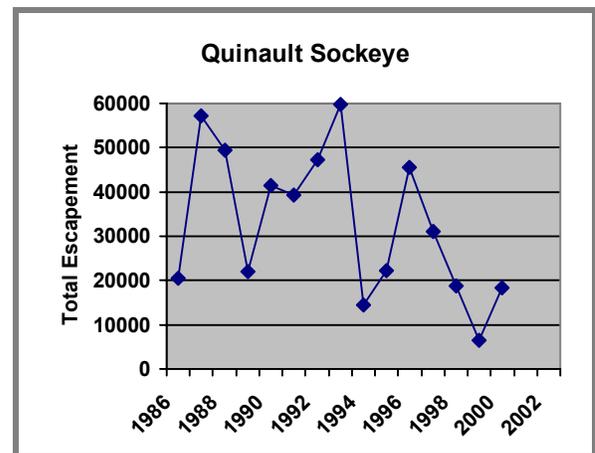
Healthy

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS:

Fair

YEAR	TOTAL ESCAPEMENT
1986	20,516
1987	57,186
1988	49,492
1989	22,017
1990	41,536
1991	39,317
1992	47,162
1993	59,832
1994	14,407
1995	22,147
1996	45,527
1997	30,973
1998	18,801
1999	6,476
2000	18,364
2001	Not yet available
2002	Not yet available
2003	Not yet available



Data are total escapement estimates based on hydro-acoustic surveys in Lake Quinault.

Although escapements have dropped since 1996, the decline does not fit criteria for either a long-term negative trend or a short-term severe decline. Consequently stock status is rated **Healthy** in 2002.

STOCK DEFINITION

Quinault sockeye were identified as a stock based on their distinct spawning distribution and unique early river entry timing (January through July).

SPAWNING DISTRIBUTION: Most spawning takes place in the mainstem Quinault River (RM 36.2 to 47.0). Spawning also occurs in Big, Inner, Fletcher, Joe (Culvert), No Name and Ziegler creeks.

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SPAWNING TIMING: Spawning generally occurs from mid-October through the end of February.

GENETIC ANALYSIS: Allozyme analysis has shown that Quinault sockeye are genetically distinct from all other Washington sockeye stocks examined (Gustafson et al. 1997).

STOCK ORIGIN

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