

STOCK STATUS

1992 STATUS

Depressed

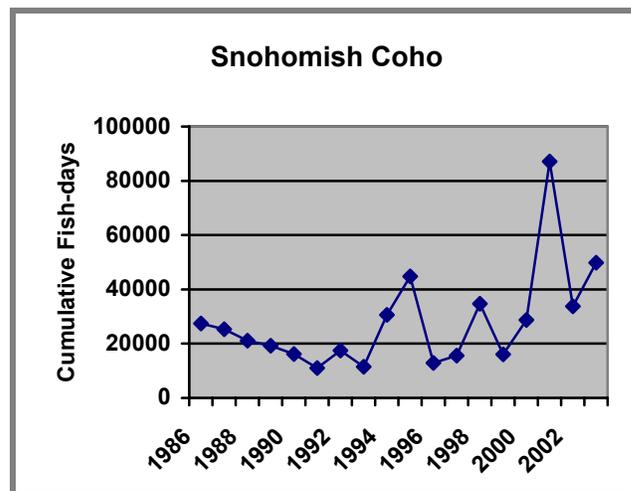
2002 STATUS

Healthy

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Fair

YEAR	CUMULATIVE FISH-DAYS
1986	27,378
1987	25,366
1988	21,154
1989	19,264
1990	16,126
1991	11,029
1992	17,487
1993	11,485
1994	30,628
1995	44,750
1996	12,949
1997	15,633
1998	34,739
1999	16,033
2000	28,664
2001	87,162
2002	33,729
2003	49,775



Data are cumulative fish-days counts in index reaches (Middle Fork Quilceda Creek, two unnamed Quilceda Creek tributaries (07.0060 and 07.0063), Allen Creek, two unnamed Allen Creek tributaries (07.0078 and 07.0079), Dubuque Creek, Panther Creek, Catherine Creek, Bosworth Creek, Worthy Creek, two unnamed Worthy Creek tributaries (07.0166A and 07.0166B), Boyd Lake Creek, and unnamed Boyd Lake Creek tributary (07.1064A).

Snohomish coho were rated depressed in 1992 due to a multiple-year decline in the escapement indicator data. This trend was reversed in the mid-1990s, with escapements that were higher than those observed prior to 1992. Consequently, the stock is rated **Healthy** in 2002.

STOCK DEFINITION

Snohomish coho were identified as a stock due to their distinct spawning distribution.

SPAWNING DISTRIBUTION: Most spawning takes place in Snohomish tributaries, especially in Quilceda Creek, Pilchuck River, and French Creek.

SPAWNING TIMING: Spawning generally occurs from late October through mid-January and occasionally into early February.

SNOHOMISH – SNOHOMISH COHO

GENETIC ANALYSIS: Allozyme analysis of coho sampled from the Pilchuck River in 1987 showed that they were significantly different from all other Washington coho examined (David Teel, NMFS, personal communication).

STOCK ORIGIN

This is a **mixed** stock with **wild** production. Skykomish, Issaquah, Green River (Duwamish), and University of Washington hatchery-origin coho were released into the Pilchuck River system and Worthy Creek between 1952 and 1969.