

STRAIT OF JUAN DE FUCA – UPPER DUNGENESS PINK

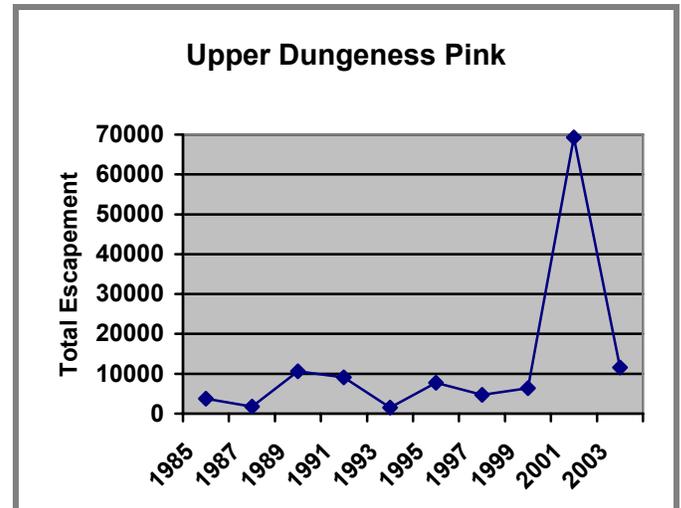
STOCK STATUS

1992 STATUS Depressed	2002 STATUS Depressed
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STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Good

YEAR	TOTAL ESCAPEMENT
1985	3,764
1987	1,768
1989	10,579
1991	9,132
1993	1,556
1995	7,737
1997	4,730
1999	6,350
2001	69,272
2003	11,576



Data are total escapement estimates based on counts of live plus dead spawners in the mainstem Dungeness (RM 0.0 to 18.7), Gold Creek (RM 0.0 to 0.3) and Gray Wolf River (RM 0.0 to 0.3).

The escapements of Upper Dungeness pinks declined abruptly in 1981 and have remained low in subsequent years. Prior to 1981, escapements were usually in excess of 20,000 spawners. Favorable freshwater conditions during the winter of 1999-2000 and excellent marine conditions produced the largest return of Upper Dungeness pinks since the 1960s. The year 2001 notwithstanding, stock status is rated **Depressed** in 2002 because of **chronically low** escapements.

STOCK DEFINITION

Upper Dungeness pinks were identified as a stock based on their distinct spawning distribution, early river entry timing (beginning in late July) and spawning timing and ocean-bright coloration when they enter freshwater.

SPAWNING DISTRIBUTION: Most spawning takes place in the upper mainstem (above RM 9.2), in lower Gold Creek and in the lower Gray Wolf River (RM 0.0 to 6.0)

SPAWNING TIMING: Spawning occurs from August to mid-September.

GENETIC ANALYSIS: Allozyme analysis has shown that Upper Dungeness pinks are genetically distinct from all Washington pink stocks examined.

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STOCK ORIGIN

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