

WILLAPA BAY – WILLAPA WINTER STEELHEAD

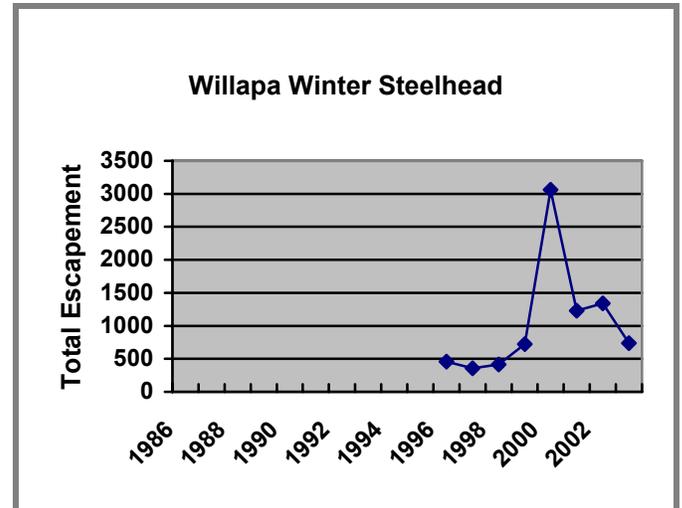
STOCK STATUS

| | |
|-------------------------------|-------------------------------|
| 1992 STATUS Healthy | 2002 STATUS Healthy |
|-------------------------------|-------------------------------|

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS: Good

| YEAR | TOTAL ESCAPEMENT |
|------|------------------|
| 1996 | 460 |
| 1997 | 355 |
| 1998 | 414 |
| 1999 | 721 |
| 2000 | 3,059 |
| 2001 | 1,228 |
| 2002 | 1,338 |
| 2003 | 738 |



Data are total escapement estimates based on redd counts in index areas within the Willapa River basin.

Escapement has been monitored since 1996 with escapement values generally increasing yearly until 2001. Willapa winter steelhead are again rated as **Healthy** in 2002.

STOCK DEFINITION

Willapa winter steelhead were identified as a stock based on their distinct spawning distribution.

SPAWNING DISTRIBUTION: Most spawning takes place in the Willapa and South Fork Willapa rivers as well as Mill, Trap and Forks creeks. Spawning also occurs in tributaries such as Rue, Stringer, Ellis and Falls creeks.

SPAWNING TIMING: Spawning generally occurs from mid-February through mid-June.

GENETIC ANALYSIS: Genetic analysis has not been done on Willapa Creek winter steelhead.

STOCK ORIGIN

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