

Assessment of Pacific Coast widow rockfish (*Sebastes entomelas*)

Assessment ID: NWFSC-WROCKPCOAST-1955-2006-BRANCH
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/62>

Area ID: USA-NMFS-PCOAST

General assessment details.

| Detail | Value |
|--------------------|--|
| Management body | NMFS |
| Assessment group | Northwest Fisheries Science Center |
| Assessment authors | He X |
| Assessment method | an AD-Model builder statistical Catch at Age Model |
| Publication year | 2007 |
| Timeseries span | 1955-2006 |
| Document | NWFSC-WROCKPCOAST-2007-widow.pdf (pdf in database) |
| Recorder | BRANCH |
| Date entered | 2008-11-23 |
| Date last loaded | 2011-07-25 |
| QA/QC complete | YES |
| Date approved | 2010-03-08 |

Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

| primary LME | | | secondary LME | tertiary LME | |
|------------------------|-------|-------|-------------------------|--------------|---------|
| 3 - California Current | | | na | na | |
| | | | Reference points | | |
| Parameter | Value | Units | Parameter | Value | Units |
| SSB-SEX-sex | 1 | sex | Blim-MT (TB) | 39194 | MT |
| REC-AGE-yr | 3 | yr | SSBmsy-E06eggs (SSB) | 20298 | E06eggs |
| F-AGE-yr-yr | 3+ | yr-yr | Fmsy-1/yr (F) | 0.121 | 1/yr |
| TB-AGE-yr | 3+ | yr | SSB0-E06eggs (SSB) | 50746 | E06eggs |
| M-1/yr | 0.125 | 1/yr | SSBtarget-E06eggs (SSB) | 20298 | E06eggs |
| SSB-AGE-yr | | | SSBmin-ratio (SSB) | 0.25 | ratio |
| M | | | Ftarget-1/yr (F) | 0.121 | 1/yr |
| A50-yr | | | SPRtarget-ratio (SPR) | 0.4 | ratio |
| L50-cm | | | BH-h-dimless | 0.29 | dimless |
| | | | F_{2006}/F_{msy} | 0.058 | |
| | | | SSB_{2006}/SSB_{msy} | 2.339 | |

Time series minima and maxima

| | SSB | R | F | TB | Catch |
|---------------------|--------|-------|-------|--------|-------|
| Minimum year | 1958 | 1955 | 1958 | 1958 | 1958 |
| Maximum year | 2006 | 2003 | 2006 | 2006 | 2006 |
| Time series minimum | 39194 | 7470 | 0 | 87514 | 0 |
| Time series maximum | 132416 | 90448 | 0.434 | 270818 | 27005 |
| Units | MT | E03 | 1/yr | MT | MT |

