

# 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	2010-03-05
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	BH-h-dimless	0.29	dimless
REC-AGE-yr	3	yr	Blim-MT (TB)	39194	MT
F-AGE-yr-yr	3+	yr-yr	SSB <sub>msy</sub> -E06eggs (SSB)	20298	E06eggs
TB-AGE-yr	3+	yr	F <sub>msy</sub> -1/yr (F)	0.121	1/yr
M-1/yr	0.125	1/yr	SSB0-E06eggs (SSB)	50746	E06eggs
SSB-AGE-yr			SSB <sub>target</sub> -E06eggs (SSB)	20298	E06eggs
M			SSB <sub>min</sub> -ratio (SSB)	0.25	ratio
A50-yr			F <sub>target</sub> -1/yr (F)	0.121	1/yr
L50-cm			SPR <sub>target</sub> -ratio (SPR)	0.4	ratio
			$F_{2006}/F_{msy}$	0.050	
			$SSB_{2006}/SSB_{msy}$	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

