Stock Name: Widow rockfish - Pacific Coast

Assessed in: September 2015

Parameter Name	Abundance	Recruitment	Spawners	Catch
Type	Biomass	Age	Female_Mature	Kill_Bio
Source	Model	Model	Model	Model
Basis	Biomass - mt	Numbers	Biomass - mt	Biomass - mt
Range	Age_4+	Age_0	Mature	Exploitable_dead
Statistic	Mean	Mean	Mean	Mean
Scale	1	1000	1	1
Year				
1916	156923	54389	80680	79
1917	156837	54373	80633	123
1918	156715	54355	80565	141
1919	156584	54334	80491	98
1920	156504	54312	80445	100
1921	156428	54288	80402	83
1922	156372	54260	80371	72
1923	156330	54230	80347	79
1924	156281	54195	80322	51
1925	156258	54157	80311	63
1926	156220	54113	80294	96
1927	156148	54062	80257	79
1928	156090	54005	80229	90
1929	156017	53940	80193	88
1930	155943	53867	80158	113
1931	155840	53783	80107	101
1932	155744	53689	80061	101
1933	155641	53582	80012	87
1934	155544	53461	79968	92
1935	155431	53325	79917	99
1936	155298	53170	79857	112
1937	155140	52993	79785	105
1938	154973	52791	79710	85
1939	154806	52560	79638	77
1940	154624	52295	79560	122
1941	154373	51994	79447	131
1942	154087	51653	79317	148
1943	153754	51278	79166	496
1944	153063	50873	78813	970
1945	151918	50434	78201	1638

1946	150176	49964	77245	1172
1947	148947	49511	76581	650
1948	148234	49074	76222	482
1949	147649	48663	75949	378
1950	147106	48308	75714	428
1951	146447	48052	75424	560
1952	145600	47950	75029	547
1953	144718	48080	74614	474
1954	143867	48521	74211	452
1955	143011	49349	73797	470
1956	142142	50591	73358	607
1957	141190	52120	72843	768
1958	140203	53511	72263	709
1959	139475	54064	71770	678
1960	139056	53316	71381	819
1961	138857	51795	71038	684
1962	139166	50836	70926	765
1963	139686	50909	70938	438
1964	140612	52273	71279	607
1965	141256	54194	71615	262
1966	142049	56870	72154	4293
1967	138968	57242	70425	4831
1968	135766	54562	68512	2393
1969	135387	47054	68102	852
1970	136938	183567	68673	855
1971	138685	165347	69345	1096
1972	140010	20133	69966	924
1973	140574	16513	71080	1161
1974	155420	21659	73085	908
1975	174621	42304	76976	877
1976	181483	13930	82643	1326
1977	182540	77576	88215	1095
1978	179680	126120	91905	1583
1979	175251	38857	92297	9480
1980	158871	71023	86310	22055
1981	136097	116559	73064	28135
1982	116660	62529	57897	27091
1983	95670	38705	45665	12260
1984	93932	71077	43126	12130
1985	98411	52992	42634	10888
1986	100732	27258	43349	11451
1987	99176	68550	44068	15396
1988	95486	40112	42699	12539

1989	92584	31591	41799	14990
1990	83877	48538	38959	13911
1991	79419	83584	36006	9088
1992	77546	33130	35142	8805
1993	74531	41477	34248	11556
1994	70027	38823	31960	8999
1995	72222	26421	31043	9346
1996	70607	19168	30276	8428
1997	70008	26233	30326	8969
1998	68180	48636	30082	6655
1999	66697	45208	30331	5991
2000	64017	46814	30274	4787
2001	62126	25730	30245	2322
2002	64655	22267	30978	485
2003	69362	25005	32618	47
2004	74993	66318	34770	99
2005	78416	16365	37080	204
2006	80300	53702	39164	221
2007	81347	22470	40825	245
2008	86157	157219	42031	272
2009	86889	32713	43110	186
2010	90515	120622	44280	179
2011	91387	22961	45813	213
2012	106032	43443	47912	271
2013	112532	76349	51215	473
2014	126652	66109	55669	726
2015	132031	53370	60608	

TIME SERIES HEADER DESCRIPTIONS

Type: Provides a more detailed definition of the data being entered.

Source: Describes where a particular type of data comes from. Typical data sources include Model (output from an assessment model), Survey (index of survey observations), or Fishery (e.g. reported catch rather than a model estimate of catch).

Basis: Describes the units for the values being reported. For example: biomass-mt means stock weight in metric tons.

Range: Used in conjunction with type to refine the description of the data being entered. The range specifies a subset of the population to which the data apply. For example, Age 3+ means

fish that are age 3 and older, or mature means just the mature portion of the stock.

Statistic: Describes the statistical characteristics of a time series column, and may include mean, median, index, observed, official, MCMC, lower 95% CI, upper 95% CI, etc.

Scalar: Describes a multiplier by which the reported values should be multiplied to restore them to their natural units. For example, if biomass is reported in 1000 mt, then a value of 1000 is entered in this field.