

Year	Date	Time	Hours after sunrise	Site	Slack Low	Low Tide Height (ft)	Tide	Pacific Herring	Juvenile Salmon	Surf Smelt	Cod
2001	5/22/01	11:00	5.5	South	11:12	neg 1.17	S	0	10	0	5
2001	5/22/01	13:30	8	Middle	11:12	neg 1.17	Rising	0	0	0	9
2001	5/23/01	11:00	5.5	North	11:46	neg 1.82	Falling	9	0	19	13
2002	5/9/02	9:00	3.5	North	10:26	1.4 ft	Falling	6	1	14	4
2002	5/9/02	11:00	5.5	Middle	10:26	1.4 ft	S	1	1	3	3
2002	5/10/02	9:00	3.5	South	10:50	0.5 ft	Falling	3	0	0	1
2002	5/10/02	13:00	7.5	Middle	10:50	0.5 ft	Rising	2	2	0	11
2003	5/28/03	9:00	4	North	10:27	neg 0.1 ft	Falling	3	4	65	154
2003	5/28/03	13:00	8	Middle	10:27	neg 0.1 ft	Rising	3	0	111	15
2003	5/29/03	9:00	4	South	10:55	neg 0.8 ft	Falling	1	0	19	3
2004	5/19/04	11:00	5.5	Middle	11:38	neg 1.6 ft	Falling	2	0	246	2
2004	5/19/04	13:00	7.5	South	11:38	neg 1.6 ft	Rising	0	0	0	15
2005	5/23/05	9:30	4	North	11:17	neg 2.4 ft	Falling	68	0	0	167
2005	5/23/05	13:00	7.5	South	11:17	neg 2.4 ft	Rising	20	0	0	15
2005	5/24/05	9:15	4	Middle	11:56	neg 3.1 ft	Falling	9	0	0	199
2006	5/25/06	9:30	4	South	10:11	neg 1.4 ft	Falling	0	0	115	66
2006	5/25/06	13:00	8	Middle	10:11	neg 1.4 ft	Rising	0	2	5	65
2007	5/16/07	10:30		North	11:38	neg 3.3	Falling	0	1	0	70
2007	5/16/07	13:30		Middle	11:38	neg 3.3	Rising	0	26	0	35
2008	5/21/08	9:30	4	North	1:06	neg 1.8	Falling	0	0	0	893
2008	5/21/08	12:30	7	Middle	1:06	neg 1.8	Fall/Slack	4 (?)	0	0	158
2009	5/21/09	9:10	4	North	9:15	0.1	Fall/Slack	0	73	0	3
2009	5/21/09	12:30	7	Middle	9:15	0.1	Rising	4 (?)	3	4 (?)	1,979
2010	5/25/10	9:30	4	Middle	9:42	neg 1.0 ft	Falling	3	7	0	0
2010	5/25/10	12:15	7	North	9:42	neg 1.0 ft	Rising	0	0	0	0
2011	6/5/11	9:45	4.5	North	11:00	neg 1.7 ft	Falling	0	0	0	81
2011	6/5/11	1:00	8	South	11:00	neg 1.7 ft	Rising	0	0	0	48
2012	5/21/12	9:30	4	South	11:45	neg 1.12	Falling	0	0	1	65
2012	5/21/12	12:30	7	North	11:45	neg 1.12	Rising	1	0	0	39
2013	5/22/13	9:15	4	North	9:26	neg 0.47	Falling	0	0	0	23
2013	5/22/13	12:30	7	South	9:26	neg. 0.47	Rising	0	1	0	3
2014	5/27/14	9:30	5	South	10:41	neg 1.04	Falling	4	0	5	13
2014	5/27/14	1:00	8	North	10:41	neg 1.04	Rising	1	0	1	1
2015	5/29/15	9:30	4	North	9:22	0.95	Falling	0	0	171	7
2015	5/29/15	12:30	7	Middle/So	9:22	0.95	Rising	0	0	56	7
2016	6/3/16	9:30	4	South	10:07	neg 1.51 ft	Falling	0	0	4	32
2016	6/3/16	12:30	7	North	10:07	neg 1.51 ft	Rising	0	0	0	1

Sculpins	Tube Snout	Shiner Perch	Striped Perch	Greenling	English Sole > 10 cm	Starry Flounder >	Rock Sole > 10 cm	flatfish <10 cm	Threespine Stickleback	Pacific Sandlance
39	111	72	9	5	8	4	0	24	15	2
28	56	32	8	4	1	2	0	14	3	162
19	30	47	0	0	0	2	0	30	0	0
67	26	0	1	6	0	1	1	27	0	6
45	2	4	0	1	0	0	1	3	0	0
29	47	4	0	4	0	0	4	11	0	2088
38	48	3	0	2	0	1	0	13	6	1
43	1	9	0	7	0	0	0	65	0	14
46	48	14	3	16	3	0	5	17	17	1
39	17	3	3	13	2	0	7	83	1	491
73	15	80	7	16	1	0	2	64	4	2
22	60	3	11	28	3	0	0	38	2	4
91	16	370	2	14	3	0	1	18	1	1
136	10	35	4	9	0	0	1	48	1	2
202	3	74	1	7	2	0	1	117	2	1
186	10	53	1	11	0	0	1	44	4	0
148	14	1	0	18	0	0	0	52	7	1
164	9	0	0	1	0	1	0	106	3	16
75	17	3	0	2	0	1	6	192	15	3
170	3	0	0	7	0	0	0	27	6	0
218	2	0	0	7	0	1	0	87	0	0
206	1	0	0	4	1	1	1	58	0	5
315	9	5	0	6	1	0	1	115	0	22
147	33	8	0	2	2	1	1	128	1	594
103	57	1	0	10	1	0	5	90	0	210
162	2	2	0	40	0	1	0	21	0	27
30	43	36	6	15	1	1	3	2	35	477
142	14	114	16	2	0	0	0	7	19	0
189	8	6	0	2	0	0	1	16	0	0
89	0	13	4	5	0	0	0	7	0	4,412
86	0	74	1	19	0	0	0	10	2	506
168	7	371	13	7	0	0	3	10	1	665
76	0	494	3	13	0	1	1	15	6	0
28	5	281	1	8	0	0	0	13	2	62
29	3	74	9	12	0	0	0	18	1	0
47	2	157	0	3	6	0	0	67	0	6
46	0	618	0	3	10	0	0	129	0	1

Copper Rockfish	Gunnel	Bay Pipefish	Snake Prickleback	Snailfish	Poacher	Rainbow Smelt	Pile Perch	Lingcod	Spiny Lump Sucker	Other Prickleback	Sanddab
2	92	15	0	0	0	0	0	0	0	0	0
2	126	9	17	0	0	0	0	0	0	0	0
0	20	4	13	0	0	0	0	0	0	0	0
0	18	4	7	3	1	0	0	0	0	0	0
0	7	2	50	1	5	0	0	0	0	0	0
0	109	7	14	0	0	0	0	0	0	0	0
0	95	9	1	5	1	0	0	0	0	0	0
0	28	1	53	0	3	0	0	0	0	0	0
0	108	5	233	2	0	0	0	0	0	0	0
1	203	2	141	2	0	0	0	0	0	0	0
0	55	1	156	0	2	3	6	0	0	0	0
0	28	5	312	0	1	0	2	1	1	0	0
0	28	2	18	1	1	0	0	0	0	0	1
0	44	21	47	2	8	0	0	0	0	0	0
0	58	6	145	0	10	0	0	1	0	5	1
0	256	24	284	1	0	0	0	3	1	0	2
0	58	21	1173	0	1	0	0	0	0	0	1
0	82	2	112	3	16	0	2	0	3	0	0
0	117	3	230	2	3	0	0	0	0	1	0
1	82	2	2161	3	0	0	0	0	0	0	0
0	27	5	820	4	2	0	0	0	6	0	0
0	5	2	78	0	9	0	0	0	0	0	0
0	47	2	313	10	7	0	0	0	1	0	0
0	7	6	120	0	12	0	0	0	2	0	0
0	39	5	635	0	13	0	0	0	1	0	0
0	112	2	17	0	3	0	0	0	0	0	0
0	212	6	567	1	2	0	0	0	1	0	0
0	87	7	2,835	6	0	0	0	0	1	0	0
0	35	2	5,263	3	2	0	0	1	6	0	0
0	81	0	2	0	3	0	0	0	0	0	0
0	92	3	0	0	0	0	0	0	0	0	0
0	460	10	29	1	0	0	1	1	1	0	0
0	62	1	3	0	1	0	0	0	0	0	0
0	32	4	1	2	1	0	0	0	0	0	0
1	38	9	1	0	0	0	0	0	0	0	0
0	18	6	418	1	4	0	0	0	0	0	0
0	31	2	513	0	13	0	0	0	0	0	0

Anchovy	Total Fish	
0	413	2001
0	473	2001
0	206	2001
0	193	2002
0	129	2002
0	2321	2002
0	238	2002
0	450	2003
0	647	2003
0	1031	2003
0	737	2004
0	536	2004
0	803	2005
0	403	2005
0	844	2005
0	1062	2006
0	1567	2006
0	591	2007
0	731	2007
0	3355	2008
0	1337	2008
0	447	2009
0	2836	2009
1	1075	2010
0	1170	2010
0	470	2011
0	1486	2011
0	3316	2012
0	5,574	2012
0	4639	2013
0	797	2013
0	1770	2014
0	679	2014
0	618	2015
0	258	2015
0	771	2016
0	1367	2016

Fish Species	M-01	M-02	M-03
Surf Smelt	19	17	195
Cod	27	19	172
Sculpins	86	179	128
Tube Snouts	197	123	66
Shiner Perch	151	11	26
Flat Fish > 10cm	17	8	17
Flat Fish < 10cm	68	54	165
Pac. Sandlance	164	2095	506
Gunnels	238	229	339
Sn. Prickleback	30	72	427
Total	997	2807	2041

Year	Surf Smelt	Cod	Sculpins
2001	19	27	86
2002	17	19	179
2003	195	172	128