

2017 The Count, On-Effort



GRAY WHALES COUNT Santa Barbara Channel		Day#	90/90
Northbound →	Today	THE COUNT	
ALL Gray Whales including Calves	0	1052	
Gray Whale Calves	0	210	

The focus of the survey is Gray whales (northbound) during migration through the nearshore of the Santa Barbara Channel. We also record observations of all marine-mammal species, including other whales, dolphins, pinnipeds, and Sea otters. *See other reports.*

Only Gray whales migrating north are counted on the board at the site as observations are made. If it is fast and furious, we sometimes lag behind a bit, but we eventually catch up. Many “regulars” who visit our site check the board. Some smile and say, “last week it was only ...” Then, they wonder why there are no calves, and we tell them that the calf migration may start at the end of March, but probably won’t be robust until mid-April. That brings another big smile.

We update our website every day with an online simulation of the board, and we include a link to a PDF “Record of the Count” — which resembles this report — to the post date.

One of the most asked questions by visitors is: “How does this year’s Count compare to last year’s.” We express that we sorry, but we cannot answer that question. We cannot compare raw data to raw data. We are conducting a survey with strict protocols about how we observe and in what conditions. At best, we are able to Count a third of a day, during daylight hours with adequate visibility and relatively calm sea conditions. The whales are traveling 24/7. We explain that at the end of the year, we will analyze our data and correct errors and omissions, and throw out sightings entered in not-acceptable conditions. We can then calculate hours we were on-effort in suitable conditions. When all is cleaned up, we meet with our collaboration team at NOAA Southwest Fisheries Science Center and use their algorithm with our data to produce estimates of the migration past Counter Point: Phase 1, General migration of adult and juvenile males and females; and Phase 2, the Mother and calf migration.

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prepared by Michael H Smith, Project Coordinator

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Day Number	Hours	(Er) Gray whales, northbound				Running Totals				Hours	
1	Feb 21	00:00	whales	calves		whales	calves			00:00	
2	Feb 22	02:23	whales	3	calves	0	whales	3	calves	0	02:23
3	Feb 23	00:00	whales	calves		whales	3	calves	0	02:23	
4	Feb 24	08:00	whales	4	calves	0	whales	7	calves	0	10:23
5	Feb 25	08:00	whales	6	calves	0	whales	13	calves	0	18:23
6	Feb 26	08:00	whales	2	calves	0	whales	15	calves	0	26:23
7	Feb 27	08:00	whales	1	calves	0	whales	16	calves	0	34:23
8	Feb 28	05:00	whales	5	calves	0	whales	21	calves	0	39:23
9	Mar 01	08:00	whales	13	calves	0	whales	34	calves	0	47:23
10	Mar 02	08:00	whales	9	calves	0	whales	43	calves	0	55:23
11	Mar 03	08:00	whales	17	calves	0	whales	60	calves	0	63:23
12	Mar 04	08:00	whales	14	calves	0	whales	74	calves	0	71:23
13	Mar 05	00:00	whales	calves		whales	74	calves	0	71:23	
14	Mar 06	07:35	whales	2	calves	0	whales	76	calves	0	78:58
15	Mar 07	08:00	whales	15	calves	0	whales	91	calves	0	86:58
16	Mar 08	08:01	whales	16	calves	0	whales	107	calves	0	94:59
17	Mar 09	08:04	whales	31	calves	0	whales	138	calves	0	103:03
18	Mar 10	08:00	whales	26	calves	0	whales	164	calves	0	111:03
19	Mar 11	08:00	whales	27	calves	0	whales	191	calves	0	119:03
20	Mar 12	00:00	whales	calves		whales	191	calves	0	119:03	
21	Mar 13	00:00	whales	calves		whales	191	calves	0	119:03	
22	Mar 14	00:00	whales	calves		whales	191	calves	0	119:03	
23	Mar 15	00:00	whales	calves		whales	191	calves	0	119:03	
24	Mar 16	08:00	whales	41	calves	0	whales	232	calves	0	127:03
25	Mar 17	00:00	whales	calves		whales	232	calves	0	127:03	
26	Mar 18	08:15	whales	42	calves	0	whales	274	calves	0	135:18
27	Mar 19	07:42	whales	22	calves	0	whales	296	calves	0	143:00
28	Mar 20	08:00	whales	50	calves	0	whales	346	calves	0	151:00
29	Mar 21	00:00	whales	calves		whales	346	calves	0	151:00	
30	Mar 22	04:51	whales	22	calves	0	whales	368	calves	0	155:51
31	Mar 23	03:20	whales	22	calves	0	whales	390	calves	0	159:11
32	Mar 24	07:02	whales	29	calves	0	whales	419	calves	0	166:13
33	Mar 25	05:39	whales	27	calves	0	whales	446	calves	0	171:52
34	Mar 26	08:00	whales	13	calves	2	whales	459	calves	2	179:52
35	Mar 27	01:08	whales	8	calves	1	whales	467	calves	3	181:00
36	Mar 28	05:29	whales	21	calves	1	whales	488	calves	4	186:29
37	Mar 29	08:00	whales	19	calves	1	whales	507	calves	5	194:29
38	Mar 30	02:01	whales	4	calves	1	whales	511	calves	6	196:30

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Day Number		Hours	(Er) Gray whales, northbound				Running Totals				Hours
39	Mar 31	05:36	whales	9	calves	0	whales	520	calves	6	202:06
40	Apr 01	08:00	whales	22	calves	2	whales	542	calves	8	210:06
41	Apr 02	08:00	whales	19	calves	0	whales	561	calves	8	218:06
42	Apr 03	08:00	whales	7	calves	0	whales	568	calves	8	226:06
43	Apr 04	08:00	whales	22	calves	1	whales	590	calves	9	234:06
44	Apr 05	06:00	whales	8	calves	1	whales	598	calves	10	240:06
45	Apr 06	06:55	whales	10	calves	1	whales	608	calves	11	247:01
46	Apr 07	08:05	whales	23	calves	4	whales	631	calves	15	255:06
47	Apr 08	02:26	whales	10	calves	5	whales	641	calves	20	257:32
48	Apr 09	08:00	whales	5	calves	1	whales	646	calves	21	265:32
49	Apr 10	08:05	whales	15	calves	4	whales	661	calves	25	273:37
50	Apr 11	08:00	whales	9	calves	2	whales	670	calves	27	281:37
51	Apr 12	07:50	whales	5	calves	1	whales	675	calves	28	289:27
52	Apr 13	02:09	whales	12	calves	6	whales	687	calves	34	291:36
53	Apr 14	08:07	whales	17	calves	6	whales	704	calves	40	299:43
54	Apr 15	08:00	whales	12	calves	5	whales	716	calves	45	307:43
55	Apr 16	07:12	whales	5	calves	2	whales	721	calves	47	314:55
56	Apr 17	04:23	whales	8	calves	4	whales	729	calves	51	319:18
57	Apr 18	03:54	whales	3	calves	1	whales	732	calves	52	323:12
58	Apr 19	07:41	whales	15	calves	7	whales	747	calves	59	330:53
59	Apr 20	02:52	whales	14	calves	7	whales	761	calves	66	333:45
60	Apr 21	08:00	whales	22	calves	11	whales	783	calves	77	341:45
61	Apr 22	08:14	whales	34	calves	17	whales	817	calves	94	349:59
62	Apr 23	06:09	whales	13	calves	6	whales	830	calves	100	356:08
63	Apr 24	04:29	whales	7	calves	3	whales	837	calves	103	360:37
64	Apr 25	03:01	whales	16	calves	8	whales	853	calves	111	363:38
65	Apr 26	02:26	whales	24	calves	12	whales	877	calves	123	366:04
66	Apr 27	03:39	whales	12	calves	6	whales	889	calves	129	369:43
67	Apr 28	03:55	whales	7	calves	3	whales	896	calves	132	373:38
68	Apr 29	07:45	whales	22	calves	11	whales	918	calves	143	381:23
69	Apr 30	08:00	whales	18	calves	9	whales	936	calves	152	389:23
70	May 01	08:00	whales	10	calves	5	whales	946	calves	157	397:23
71	May 02	08:00	whales	8	calves	4	whales	954	calves	161	405:23
72	May 03	03:56	whales	2	calves	1	whales	956	calves	162	409:19
73	May 04	05:57	whales	16	calves	8	whales	972	calves	170	415:16
74	May 05	08:00	whales	16	calves	8	whales	988	calves	178	423:16
75	May 06	04:27	whales	4	calves	2	whales	992	calves	180	427:43
76	May 07	05:09	whales	8	calves	4	whales	1,000	calves	184	432:52

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Day Number	Hours	(Er) Gray whales, northbound				Running Totals				Hours	
77	May 08	06:59	whales	8	calves	4	whales	1,008	calves	188	439:51
78	May 09	08:00	whales	12	calves	6	whales	1,020	calves	194	447:51
79	May 10	08:03	whales	8	calves	4	whales	1,028	calves	198	455:54
80	May 11	08:58	whales	12	calves	6	whales	1,040	calves	204	464:52
81	May 12	08:14	whales	4	calves	2	whales	1,044	calves	206	473:06
82	May 13	02:22	whales	2	calves	1	whales	1,046	calves	207	475:28
83	May 14	07:03	whales		calves		whales	1,046	calves	207	482:31
84	May 15	05:02	whales	2	calves	1	whales	1,048	calves	208	487:33
85	May 16	08:00	whales	2	calves	1	whales	1,050	calves	209	495:33
86	May 17	03:38	whales		calves		whales	1,050	calves	209	499:11
87	May 18	08:00	whales		calves		whales	1,050	calves	209	507:11
88	May 19	08:00	whales		calves		whales	1,050	calves	209	515:11
89	May 20	08:00	whales	2	calves	1	whales	1,052	calves	210	523:11
90	May 21	08:00	whales		calves		whales	1,052	calves	210	531:11

Totals	1,052 whales	210 calves	531:11 Hours
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