



All eyes are scanning, assisted by our binoculars and using a spotting scope for details. The Project Coordinator or another Supervisor (at least one of which is always on-site) directs the observation by assigning regions within the viewing area and choosing individuals to track groups. Supervisors and the Project Coordinator rotate roles each hour when possible. A Supervisor or the Project Coordinator enters sighting data, weather and sea conditions, and shift information on the Master Datasheet. Another Supervisor tracks vessels on a separate datasheet, the Vessel Tracking Log, which, in 2016 evolved to document interactions with Marine Mammals and illegal takes in the MPA.

Weather and sea conditions are updated at each sighting. If a sighting does not occur within ten minutes of the hour, a weather update is made on the hour. When conditions are not acceptable, usually because of fog, rain, wind or maybe all three, we go off-effort (Time Out) and usually wait, under shelter, for conditions to improve. If they do, we go back on-effort (Time In).

Sighting data are entered for all cetaceans (with a distinction between southbound Gray whales and northbound Gray whales). We also sight Sea otters, Harbor seals, and rarer pinnipeds, including Northern Fur seals and Northern Elephant seals. Sea lions are ubiquitous. We do not enter sighting data when they are swimming about, but we do note sick or injured Sea lions on the sand, usually in need of a rescue.

Because Gray whales (southbound and northbound) are migrating past our position, we are able to tally unique individuals. Sightings of all other animals document the numbers of animals present at that sighting only. We may observe the same animal at different times during a day and again on subsequent days. At each animal sighting we enter the time and a position-reading with our binoculars: compass (bearing) and reticle scale (distance). We note the direction of travel and track the subsequent surfacings in the same manner. Later, in our database, the magnetic bearing is converted to true and the reticles become only slightly more familiar meters.

We identify species, determine the number of animals in the group and number of calves. (Actually, otters and pinnipeds have "pups," but they are labeled calves on our datasheets.) At each position we also record behaviors.

A key part of our observation process is tracking: recording the surfacing of animals as they approach and move past Counter Point. At each surfacing we learn more about the whales that enables us to establish identity, direction of travel, behaviors, group size, and the presence of a calf. As we track animals, we can enter comments at each position to amplify descriptions.

2016 All Sighting Numbers, Raw

**Feb 16** Day 1 of 101

Quality	CCvr	Bft	Horiz / Vis nm				
Good	0%	0	Fuzzy / 3	01	09:30 -PST	17:30-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 173° / 1483 m Direction: West; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	02	09:36 -PST	17:36-GMT	
					SW	Gray whale (southbound)	Total 1 — 0 Calves
						Position: 193° / 574 m Direction: East; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	03	09:40 -PST	17:40-GMT	
					V	Fish Commercial Lobster/Crab Kaylee J L68739	
						Position: 222° / 1922 m Direction: East	
Good	0%	0	Fuzzy / 3	04	10:19 -PST	18:19-GMT	
					SD	Common dolphin, species not determined	Total ~200 — Calves not determined
						Position: 144° / 3088 m Direction: East; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	05	10:22 -PST	18:22-GMT	
					SW	unidentified large whale	Total 1 — 0 Calves
						Position: 152° / 1674 m Direction: East; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	06	10:32 -PST	18:32-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 176° / 1483 m Direction: West; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	07	10:35 -PST	18:35-GMT	
					V	Fish Commercial Squid FG24382 CF 0168 TF	
						Position: 205° / 883 m Direction: East	
Good	0%	0	Fuzzy / 3	08	10:57 -PST	18:57-GMT	
					V	Fish Commercial Lobster/Crab L27574	
						Position: 284° / 1331 m Direction: East	
Good	0%	0	Fuzzy / 3	09	11:06 -PST	19:06-GMT	
					V	Fish Commercial Urchin Diving	
						Position: 230° / 2749 m Direction: East	
Good	0%	0	Fuzzy / 3	10	11:10 -PST	19:10-GMT	
					V	Fish Commercial Lobster/Crab Area 51 L49391	
						Position: 244° / 1208 m Direction: East	
Good	0%	0	Fuzzy / 3	11	11:32 -PST	19:32-GMT	
					V	Oil services Crew boat	
						Position: 292° / 3528 m Direction: South	
Good	0%	0	Fuzzy / 3	12	11:43 -PST	19:43-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 141° / 3088 m Direction: West; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	13	11:47 -PST	19:47-GMT	
					SW	Gray whale (southbound)	Total 2 — 0 Calves
						Position: 214° / 2749 m Direction: East; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	14	11:49 -PST	19:49-GMT	
					V	Fish Commercial Net	
						Position: 219° / 2749 m Direction: East	
Good	0%	0	Fuzzy / 3	15	11:50 -PST	19:50-GMT	
					V	Private Sportfishing	
						Position: 113° / 2260 m Direction: West	
Good	0%	0	Fuzzy / 3	16	11:54 -PST	19:54-GMT	
					V	Private Cruising	
						Position: 129° / 1922 m Direction: West	
Good	0%	0	Fuzzy / 3	17	12:04 -PST	20:04-GMT	
					V	Airship Blimp	
						Position: 174° / < 100 m Direction: East	
Good	0%	0	Fuzzy / 3	18	12:09 -PST	20:09-GMT	
					V	Fish Commercial Net	
						Position: 260° / 2260 m Direction: East	
Good	0%	0	Fuzzy / 3	19	12:10 -PST	20:10-GMT	
					V	Kelp harvester	
						Position: 270° / 2260 m Direction: East	
Good	0%	0	Fuzzy / 3	20	12:17 -PST	20:17-GMT	
					SD	Common dolphin, species not determined	Total ~100 — Calves not determined
						Position: 185° / 3088 m Direction: East; Behavior: Traveling • Leap	
Good	0%	0	Fuzzy / 3	21	12:21 -PST	20:21-GMT	
					V	Airship Airplane	

**Sighting Codes** S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	22	12:28 -PST	20:28-GMT	V	Private Sailboat motoring Position: 135° / 1483 m Direction: West	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	23	14:03 -PST	22:03-GMT	V	Private Sportfishing Position: 261° / 2260 m Direction: East	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	24	14:16 -PST	22:16-GMT	SD	unidentified dolphin Position: 235° / 3528 m Direction: West; Behavior: Leap	Total 3 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	25	14:32 -PST	22:32-GMT	V	Oil services Crew boat Position: 262° / 3088 m Direction: South	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	26	14:46 -PST	22:46-GMT	SW	Gray whale (southbound) Position: 236° / 3528 m Direction: East; Behavior: Traveling	Total 1 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	27	14:48 -PST	22:48-GMT	V	Private Sportfishing Position: 235° / 1483 m Direction: East	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	28	14:51 -PST	22:51-GMT	SD	Common dolphin, species not determined Position: 218° / 3528 m Direction: East; Behavior: Parade Line • Leap	Total ~800 — Calves not determined
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	29	14:57 -PST	22:57-GMT	SD	Common dolphin, species not determined Position: 198° / 1674 m Direction: East; Behavior: Foraging • Leap	Total ~30 — Calves not determined
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	30	14:59 -PST	22:59-GMT	V	Fish Commercial Net Position: 242° / 2749 m Direction: East	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	31	15:13 -PST	23:13-GMT	S	Gray whale (northbound) Position: 194° / 528 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	32	15:22 -PST	23:22-GMT	SW	Gray whale (southbound) Position: 200° / 2260 m Direction: East; Behavior: Traveling	Total 1 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	33	15:24 -PST	23:24-GMT	SP	Harbor seal Position: 158° / 455 m ; Behavior: in large group	Total 1 — 0 Pups
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	34	15:28 -PST	23:28-GMT	S	Gray whale (northbound) Position: 168° / 2260 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	35	15:37 -PST	23:37-GMT	SP	Harbor seal Position: 193° / 338 m Direction: East; Behavior: Diving	Total 1 — 0 Pups
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	36	16:02 -PST	0:02; 2/17/2016-GMT	SD	unidentified dolphin Position: 189° / 1922 m Direction: West; Behavior: Leap	Total 2 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	37	16:07 -PST	0:07; 2/17/2016-GMT	V	Oil services Crew boat Position: 271° / 3088 m Direction: South	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	38	16:10 -PST	0:10; 2/17/2016-GMT	V	Private Sportfishing 53349 Position: 234° / 600 m Direction: East	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	39	16:12 -PST	0:12; 2/17/2016-GMT	V	Fish Commercial Net Alamo 57991 Position: 268° / 2749 m Direction: East	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	40	16:30 -PST	0:30; 2/17/2016-GMT	SD	unidentified dolphin Position: 250° / 1106 m Direction: East; Behavior: Leap	Total 3 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	41	16:34 -PST	0:34; 2/17/2016-GMT	SD	Bottlenose dolphin Position: 133° / 827 m Direction: Circling	Total 5 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	42	16:40 -PST	0:40; 2/17/2016-GMT	SW	unidentified large whale Position: 148° / 3088 m Direction: nd; Behavior: Breach	Total 1 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality CCvr Bft Horiz / Vis nm  
 Good 0% 0 Fuzzy / 3  
 End Day 17:00 -PST 1:00; 2/17/2016-GMT  
 T Effort Hours 7:45

**Feb 17** Day 2 of 101

Quality	CCvr	Bft	Horiz / Vis nm				
Fair	80%	3	Fuzzy / 2	01	09:12 -PST	17:12-GMT	
					SW	unidentified large whale	Total 1 — 0 Calves
						Position: 147° / 1403 m Direction: nd; Behavior: Traveling	
Fair	80%	3	Fuzzy / 2	02	09:57 -PST	17:57-GMT	
					V	Oil services Crew boat	
						Position: 272° / 3528 m Direction: North	
Fair	80%	3	Fuzzy / 2	03	10:14 -PST	18:14-GMT	
					SD	Bottlenose dolphin	Total 5 — 0 Calves
						Position: 233° / 171 m Direction: East; Behavior: Traveling	
Fair	90%	4	Fuzzy / 2	04	10:24 -PST	18:24-GMT	
					V	Research Diving UCSB	
						Position: 101° / 2749 m Direction: West	
Fair	90%	4	Fuzzy / 2	05	10:35 -PST	18:35-GMT	
					V	Oil services Crew boat	
						Position: 292° / 3528 m Direction: South	
Fair	100%	4	Fuzzy / 2	06	10:54 -PST	18:54-GMT	
					V	Oil services Crew boat	
						Position: 277° / 3528 m Direction: North	
Fair	100%	3	Fuzzy / 2	07	11:34 -PST	19:34-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 188° / 2749 m Direction: West; Behavior: Traveling	
Fair	100%	3	Fuzzy / 2	08	11:40 -PST	19:40-GMT	
					V	Oil services Crew boat	
						Position: 291° / 3528 m Direction: South	
Poor	100%	3	Fuzzy / 2	09	11:50 -PST	19:50-GMT	
					SW	Gray whale (southbound)	Total 3 — 0 Calves
						Position: 281° / 883 m Direction: East; Behavior: Traveling	
Poor	100%	3	Fuzzy / 2	10	12:10 -PST	20:10-GMT	
					SD	Bottlenose dolphin	Total 1 — 0 Calves
						Position: 160° / 778 m Direction: East; Behavior: Traveling	
Poor	100%	3	Fuzzy / 2	11	12:30 -PST	20:30-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 141° / 778 m Direction: West; Behavior: Traveling • Breach	
Poor	100%	2	Fuzzy / 2	End Day	13:21 -PST	21:21-GMT	
					T	Effort Hours 4:21	

**Feb 18** Day 3 of 101

Quality	CCvr	Bft	Horiz / Vis nm				
Fair	20%	3	Fuzzy / 3	01	09:02 -PST	17:02-GMT	
					SW	unidentified large whale	Total 1 — 0 Calves
						Position: 143° / 3088 m Direction: West; Behavior: Traveling	
Fair	20%	3	Fuzzy / 3	02	09:05 -PST	17:05-GMT	
					V	Research Diving UCSB	
						Position: 177° / 574 m Direction: West	
Fair	20%	3	Fuzzy / 3	03	09:10 -PST	17:10-GMT	
					V	Research Diving UCSB	
						Position: 103° / 1674 m	
Fair	20%	3	Fuzzy / 3	04	09:13 -PST	17:13-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 152° / 412 m Direction: West; Behavior: Diving	
Fair	20%	3	Fuzzy / 3	05	09:32 -PST	17:32-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 240° / 1106 m Direction: West; Behavior: Traveling	
Fair	20%	3	Fuzzy / 3	06	09:42 -PST	17:42-GMT	
					SW	unidentified large whale	Total 1 — 0 Calves
						Position: 189° / 3088 m Direction: East; Behavior: Traveling	
Fair	20%	3	Fuzzy / 3	07	10:04 -PST	18:04-GMT	Images: 0627-34
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 114° / 1922 m Direction: West; Behavior: Traveling	

**Sighting Codes** S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Brt	Horiz / Vis nm			
Fair	20%	3	Fuzzy / 3	08	10:30 -PST	18:30-GMT <a href="#">Images: 0632-4</a>
					SW	Gray whale (southbound)
						Position: 207° / 735 m Direction: East; Behavior: Traveling • Fluke
						Total 1 — 0 Calves
Quality	CCvr	Brt	Horiz / Vis nm			
Fair	20%	3	Fuzzy / 3	09	10:38 -PST	18:38-GMT <a href="#">Images: 00636-9</a>
					V	Airship Airplane
						Position: 174° / 100 m Direction: West
Quality	CCvr	Brt	Horiz / Vis nm			
Fair	20%	3	Fuzzy / 3	10	10:51 -PST	18:51-GMT
					S	Gray whale (northbound)
						Position: 159° / 1674 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Brt	Horiz / Vis nm			
Poor	20%	4	Fuzzy / 2	11	11:09 -PST	19:09-GMT
					SD	Common dolphin, species not determined
						Position: 187° / 946 m Direction: West; Behavior: Foraging
						Total ~20 — Calves not determined
Quality	CCvr	Brt	Horiz / Vis nm			
Poor	20%	4	Fuzzy / 2	12	11:30 -PST	19:30-GMT
					V	Oil services Crew boat
						Position: 286° / 3528 m Direction: South
Quality	CCvr	Brt	Horiz / Vis nm			
Poor	20%	4	Fuzzy / 2	13	11:55 -PST	19:55-GMT
					SW	Gray whale (southbound)
						Position: 201° / 1106 m Direction: East; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Brt	Horiz / Vis nm			
Poor	20%	5	Fuzzy / 2	End Day	12:00 -PST	20:00-GMT
					T	Effort Hours 3:00

**Feb 19** Day 4 of 101

Quality	CCvr	Brt	Horiz / Vis nm			
Good	20%	2	Fuzzy / 3	01	09:04 -PST	17:04-GMT
					V	Research Diving UCSB
						Position: 114° / 1483 m Direction: East
Quality	CCvr	Brt	Horiz / Vis nm			
Good	20%	2	Fuzzy / 3	02	09:05 -PST	17:05-GMT
					SW	Gray whale (southbound)
						Position: 141° / 1208 m Direction: East; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Brt	Horiz / Vis nm			
Fair	20%	2	Fuzzy / 3	03	09:11 -PST	17:11-GMT
					V	Private Sportfishing
						Position: 175° / 2749 m Direction: East
Quality	CCvr	Brt	Horiz / Vis nm			
Fair	20%	2	Fuzzy / 3	04	09:13 -PST	17:13-GMT
					SD	Bottlenose dolphin
						Position: 151° / 489 m Direction: West; Behavior: Traveling
						Total 5 — 0 Calves
Quality	CCvr	Brt	Horiz / Vis nm			
Fair	20%	2	Fuzzy / 3	05	09:14 -PST	17:14-GMT
					V	Oil services Crew boat
						Position: 238° / 3528 m
Quality	CCvr	Brt	Horiz / Vis nm			
Fair	20%	2	Fuzzy / 3	06	09:22 -PST	17:22-GMT
					SW	unidentified large whale
						Position: 165° / 5027 m Direction: nd
						Total 2 — 0 Calves
Quality	CCvr	Brt	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 3	07	09:25 -PST	17:25-GMT
					SW	Gray whale (southbound)
						Position: 192° / 1674 m Direction: East; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Brt	Horiz / Vis nm			
Fair	0%	3	Fuzzy / 3	08	09:43 -PST	17:43-GMT
					SW	Gray whale (southbound)
						Position: 187° / 778 m Direction: East; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Brt	Horiz / Vis nm			
Fair	0%	3	Fuzzy / 3	09	09:54 -PST	17:54-GMT
					S	Gray whale (northbound)
						Position: 166° / 3528 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Brt	Horiz / Vis nm			
Good	20%	3	Fuzzy / 3	10	10:34 -PST	18:34-GMT <a href="#">Images: 0642-3</a>
					V	Airship Airplane
						Position: 174° / < 100 m Direction: West
Quality	CCvr	Brt	Horiz / Vis nm			
Good	20%	2	Fuzzy / 3	11	10:47 -PST	18:47-GMT
					V	Research Diving UCSB
						Position: 102° / 2749 m Direction: West
Quality	CCvr	Brt	Horiz / Vis nm			
Good	20%	3	Fuzzy / 3	12	10:59 -PST	18:59-GMT
					SP	Harbor seal
						Position: 162° / 412 m ; Behavior: Diving
						Total 1 — 0 Pups
Quality	CCvr	Brt	Horiz / Vis nm			
Good	20%	3	Fuzzy / 3	13	11:31 -PST	19:31-GMT
					V	Research Diving UCSB
						Position: 229° / 913 m Direction: East
Quality	CCvr	Brt	Horiz / Vis nm			
Good	20%	3	Fuzzy / 3	14	11:43 -PST	19:43-GMT
					SD	Bottlenose dolphin
						Total 9 — 1 Calf

**Sighting Codes** S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm	15	11:53 -PST	19:53-GMT		
Good	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 137° / 2260 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	16	11:56 -PST	19:56-GMT		
Good	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 167° / 528 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	17	12:31 -PST	20:31-GMT		
Good	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 160° / 3528 m Direction: West; Behavior: Traveling • Fluke		
Quality	CCvr	Bft	Horiz / Vis nm	18	12:35 -PST	20:35-GMT		
Good	20%	3	Fuzzy / 3		SD	Bottlenose dolphin	Total 2 — 1 Calf	
						Position: 170° / 275 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	19	12:39 -PST	20:39-GMT		
Good	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 184° / 913 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	20	13:10 -PST	21:10-GMT		
Good	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 152° / 1922 m Direction: West; Behavior: Traveling • Fluke		
Quality	CCvr	Bft	Horiz / Vis nm	21	13:29 -PST	21:29-GMT		
Good	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 142° / 2749 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	22	13:33 -PST	21:33-GMT		
Good	20%	3	Fuzzy / 3		SD	Common dolphin, species not determined	Total ~20 — Calves not determined	
						Position: 139° / 2749 m Direction: West; Behavior: Leap		
Quality	CCvr	Bft	Horiz / Vis nm	23	14:04 -PST	22:04-GMT	Images: 0644-0722	
Good	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 112° / 1674 m Direction: West; Behavior: Traveling • Sharking • Rolling • Fluke		
Quality	CCvr	Bft	Horiz / Vis nm	24	14:22 -PST	22:22-GMT		
Good	20%	3	Fuzzy / 3		V	Oil services Crew boat		
						Position: 285° / 3528 m Direction: South		
Quality	CCvr	Bft	Horiz / Vis nm	25	14:47 -PST	22:47-GMT	Images: 0723-5	
Good	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 173° / 778 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	26	15:14 -PST	23:14-GMT		
Good	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 196° / 600 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	27	15:24 -PST	23:24-GMT		
Fair	0%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 218° / 1674 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	28	15:44 -PST	23:44-GMT		
Fair	0%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 155° / 946 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	End Day	17:00 -PST	1:00; 2/20/2016-GMT		
Fair	0%	2	Fuzzy / 3		T	Effort Hours 8:00		

**Feb 20** Day 5 of 101

Quality	CCvr	Bft	Horiz / Vis nm	01	09:02 -PST	17:02-GMT		
Fair	0%	0	Fuzzy / 2		V	Oil services Crew boat		
						Position: 268° / 3528 m Direction: North		
Quality	CCvr	Bft	Horiz / Vis nm	02	09:05 -PST	17:05-GMT		
Fair	0%	0	Fuzzy / 2		V	Private Sportfishing		
						Position: 119° / 1483 m Direction: West		
Quality	CCvr	Bft	Horiz / Vis nm	03	09:35 -PST	17:35-GMT		
Fair	0%	1	Fuzzy / 2		SP	Harbor seal	Total 1 — 0 Pups	
						Position: 150° / 528 m ; Behavior: Diving		
Quality	CCvr	Bft	Horiz / Vis nm	04	09:42 -PST	17:42-GMT		
Fair	0%	1	Fuzzy / 2		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 147° / 5027 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	05	09:47 -PST	17:47-GMT		
Fair	0%	1	Fuzzy / 2		S	Gray whale (northbound)	Total 3 — 0 Calves	
						Position: 149° / 2260 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	06	09:52 -PST	17:52-GMT		
Fair	0%	1	Fuzzy / 2		SW	unidentified large whale	Total 1 — 0 Calves	

**Sighting Codes** S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality Fair	CCvr 0%	Bft 1	Horiz / Vis Fuzzy / 2	07	09:53 -PST	17:53-GMT	SW	unidentified large whale	Total 2 — 0 Calves
								Position: 143° / 3528 m Direction: West; Behavior: Traveling	
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis Fuzzy / 2	08	10:35 -PST	18:35-GMT	SD	Common dolphin, species not determined	Total ~20 — Calves not determined
								Position: 180° / 3088 m Direction: West; Behavior: Foraging	
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis Fuzzy / 2	09	10:36 -PST	18:36-GMT	V	Private Sportfishing RHIB	
								Position: 129° / 1331 m Direction: West	
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis Fuzzy / 2	10	10:54 -PST	18:54-GMT	V	Private Sportfishing	
								Position: 116° / 160 m Direction: West	
Quality Fair	CCvr 0%	Bft 3	Horiz / Vis Fuzzy / 2	11	11:19 -PST	19:19-GMT	SD	Common dolphin, species not determined	Total ~80 — Calves not determined
								Position: 181° / 1922 m Direction: West; Behavior: Foraging	
Quality Fair	CCvr 0%	Bft 3	Horiz / Vis Fuzzy / 2	12	11:23 -PST	19:23-GMT	S	Gray whale (northbound)	Total 2 — 0 Calves
								Position: 141° / 3528 m Direction: West; Behavior: Traveling	
Quality Fair	CCvr 0%	Bft 3	Horiz / Vis Fuzzy / 2	13	11:52 -PST	19:52-GMT	S	Gray whale (northbound)	Total 1 — 0 Calves
								Position: 150° / 3528 m Direction: West; Behavior: Traveling	
Quality Good	CCvr 0%	Bft 2	Horiz / Vis Fuzzy / 3	14	11:58 -PST	19:58-GMT	SD	Bottlenose dolphin	Total 3 — 0 Calves
								Position: 184° / 412 m Direction: East; Behavior: Traveling	
Quality Good	CCvr 0%	Bft 1	Horiz / Vis Fuzzy / 3	15	13:39 -PST	21:39-GMT	V	Fish Commercial Diving 35339	
								Position: 122° / 2260 m Direction: West	
Quality Good	CCvr 0%	Bft 1	Horiz / Vis Fuzzy / 3	16	13:54 -PST	21:54-GMT	V	Fish Commercial Lobster/Crab L72681	
								Position: 275° / 913 m Direction: East	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis Fuzzy / 3	17	13:57 -PST	21:57-GMT	S	Gray whale (northbound)	Total 1 — 0 Calves
								Position: 146° / 1208 m Direction: West; Behavior: Traveling	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis Fuzzy / 3	18	14:01 -PST	22:01-GMT	S	Gray whale (northbound)	Total 1 — 0 Calves
								Position: 174° / 3088 m Direction: West; Behavior: Traveling	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis Fuzzy / 3	19	15:53 -PST	23:53-GMT	SD	Common dolphin, species not determined	Total ~30 — Calves not determined
								Position: 164° / 1922 m Direction: West; Behavior: Traveling	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis Fuzzy / 3	20	16:15 -PST	0:15; 2/21/2016-GMT	V	Touring Whale watching	
								Position: 142° / 3088 m Direction: West	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis Fuzzy / 3	21	16:18 -PST	0:18; 2/21/2016-GMT	S	Gray whale (northbound)	Total 3 — 0 Calves
								Position: 143° / 3088 m Direction: West; Behavior: Traveling	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis Fuzzy / 3	22	16:36 -PST	0:36; 2/21/2016-GMT	SD	Common dolphin, species not determined	Total ~150 — Calves not determined
								Position: 168° / 1674 m Direction: West; Behavior: Traveling	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis Fuzzy / 3	23	16:50 -PST	0:50; 2/21/2016-GMT	S	Gray whale (northbound)	Total 2 — 0 Calves
								Position: 149° / 2260 m Direction: West; Behavior: Traveling	
Quality Good	CCvr 0%	Bft 0	Horiz / Vis Fuzzy / 3	End Day	17:00 -PST	1:00; 2/21/2016-GMT	T	Effort Hours 8:00	

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Quality Fair	CCvr 0%	Bft 1	Horiz / Vis Fuzzy / 2	01	09:24 -PST	17:24-GMT	SD	Common dolphin, species not determined	Total ~50 — Calves not determined
								Position: 158° / 1331 m Direction: West; Behavior: Foraging	
Quality Fair	CCvr 0%	Bft 2	Horiz / Vis Fuzzy / 3	02	09:57 -PST	17:57-GMT	SD	Common dolphin, species not determined	Total ~50 — Calves not determined
								Position: 154° / 1331 m Direction: West; Behavior: Foraging	
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis Fuzzy / 3	03	10:07 -PST	18:07-GMT	V	Fish Commercial Lobster/Crab 07273 21605	

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 3	04	10:08 -PST	18:08-GMT	S	Gray whale (northbound) Position: 155° / 2749 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 3	05	10:40 -PST	18:40-GMT	V	Fish Commercial Lobster/Crab L26871 Position: 276° / 1674 m Direction: South	
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 3	06	10:48 -PST	18:48-GMT	SD	Bottlenose dolphin Position: 180° / 778 m Direction: Circling	Total 8 — 4 Calves
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 3	07	10:57 -PST	18:57-GMT	SW	Humpback whale Position: 136° / 2749 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 3	08	10:59 -PST	18:59-GMT	SD	Pacific White-sided dolphin Position: 135° / 1922 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 3	09	11:13 -PST	19:13-GMT	S	Gray whale (northbound) Position: 134° / 3088 m Direction: West; Behavior: Traveling	Total 4 — 0 Calves
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 3	10	11:56 -PST	19:56-GMT	SP	Harbor seal Position: 170° / 356 m Direction: East; Behavior: Traveling • Diving	Total 1 — 0 Pups
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 3	11	11:59 -PST	19:59-GMT	SD	Common dolphin, species not determined Position: 213° / 1403 m Direction: West; Behavior: Traveling	Total ~20 — Calves not determined
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 2	12	12:28 -PST	20:28-GMT	S	Gray whale (northbound) Position: 176° / 2749 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 2	13	13:05 -PST	21:05-GMT	V	Fish Commercial Lobster/Crab L53257 Position: 200° / 1922 m Direction: East	
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 2	14	13:10 -PST	21:10-GMT	V	Private Sportfishing Position: 259° / 913 m Direction: East	
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 2	15	13:27 -PST	21:27-GMT	S	Gray whale (northbound) <a href="#">Images: 0729-36</a> Position: 122° / 1331 m Direction: West; Behavior: Traveling • Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 2	16	13:32 -PST	21:32-GMT	S	Gray whale (northbound) <a href="#">Images: 0739-43</a> Position: 123° / 2260 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 2	17	14:26 -PST	22:26-GMT	S	Gray whale (northbound) Position: 157° / 3088 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 0%	Bft 1	Horiz / Vis nm Fuzzy / 2	18	14:48 -PST	22:48-GMT	SP	Harbor seal Position: 139° / 314 m ; Behavior: Traveling	Total 1 — 0 Pups
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 2	19	14:55 -PST	22:55-GMT	V	Private Cruising Position: 261° / 883 m Direction: East	
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 2	20	15:13 -PST	23:13-GMT	SD	Bottlenose dolphin Position: 174° / 1106 m Direction: East; Behavior: Traveling	Total 4 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 2	21	15:15 -PST	23:15-GMT	S	Gray whale (northbound) Position: 162° / 3528 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 2	22	15:22 -PST	23:22-GMT	SW	Gray whale (southbound) Position: 177° / 3528 m Direction: East; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 2	23	15:33 -PST	23:33-GMT	S	Gray whale (northbound) <a href="#">Images: 0744-54</a> Position: 153° / 661 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 2	24	15:51 -PST	23:51-GMT	S	Gray whale (northbound) Position: 203° / 2260 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



2016 All Sighting Numbers, Raw

Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 2	25	16:17 -PST	0:17; 2/22/2016-GMT
					V	Airship Helicopter Coast Guard Position: 174° / < 100 m Direction: West
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 2	26	16:19 -PST	0:19; 2/22/2016-GMT
					V	Private Sportfishing Position: 168° / 661 m Direction: East
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 2	27	16:48 -PST	0:48; 2/22/2016-GMT
					SD	Common dolphin, species not determined Position: 150° / 280 m Direction: West; Behavior: Traveling
						Total ~10 — Calves not determined
Quality	CCvr	BR	Horiz / Vis nm	End Day	17:00 -PST	1:00; 2/22/2016-GMT
Fair	0%	0	Fuzzy / 2		T	Effort Hours 8:00

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Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	01	09:08 -PST	17:08-GMT
					S	Gray whale (northbound) Position: 141° / 3528 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	02	09:18 -PST	17:18-GMT
					SW	Gray whale (southbound) Position: 151° / 3088 m Direction: East; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	Va	09:23 -PST	17:23-GMT
					V	Oil services Oil-spill recovery Ocean ... Position: 153° / 3088 m Direction: East
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 3	03	09:29 -PST	17:29-GMT
					SD	Bottlenose dolphin Position: 169° / 629 m Direction: East; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 3	04	09:30 -PST	17:30-GMT
					S	Gray whale (northbound) Position: 146° / 3088 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 3	05	09:58 -PST	17:58-GMT
					SP	Harbor seal Position: 189° / 223 m Direction: West; Behavior: Traveling
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 3	06	10:10 -PST	18:10-GMT
					SW	Gray whale (southbound) Position: 161° / 1331 m Direction: East; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 3	07	10:13 -PST	18:13-GMT
					S	Gray whale (northbound) Position: 174° / 2260 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 3	08	10:28 -PST	18:28-GMT
					S	Gray whale (northbound) Position: 164° / 1483 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 3	09	10:33 -PST	18:33-GMT
					S	Gray whale (northbound) Position: 182° / 1922 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 3	10	10:48 -PST	18:48-GMT
					S	Gray whale (northbound) Position: 175° / 2260 m Direction: West; Behavior: Traveling
						Total 4 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 3	11	11:15 -PST	19:15-GMT
					S	Gray whale (northbound) Position: 189° / 2749 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 3	12	11:33 -PST	19:33-GMT
					S	Gray whale (northbound) Position: 144° / 3528 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 2	13	12:29 -PST	20:29-GMT
					SW	Humpback whale Position: 139° / 913 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 2	14	13:11 -PST	21:11-GMT
					SW	Gray whale (southbound) Position: 203° / 3088 m Direction: East; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	Vb	13:12 -PST	21:12-GMT
					V	Oil services Oil-spill recovery Ocean Scout Position: 197° / 2260 m Direction: West
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	2	Fuzzy / 2	15	13:33 -PST	21:33-GMT
					S	Gray whale (northbound)
						Total 1 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm	16	13:36 -PST	21:36-GMT		
Fair	0%	2	Fuzzy / 2		SD	Pacific White-sided dolphin	Total 12 — 0 Calves	
						Position: 187° / 946 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	17	13:45 -PST	21:45-GMT		
Good	0%	1	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 164° / 2749 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	18	14:19 -PST	22:19-GMT		
Good	0%	1	Fuzzy / 3		SD	Common dolphin, species not determined	Total ~1000 — Calves not determined	
						Position: 158° / 1922 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	19	14:43 -PST	22:43-GMT		
Good	0%	1	Fuzzy / 3		SW	Humpback whale	Total 4 — 0 Calves	
						Position: 189° / 1106 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	20	14:47 -PST	22:47-GMT		
Good	0%	1	Fuzzy / 3		SD	Common dolphin, species not determined	Total ~400 — Calves not determined	
						Position: 154° / 2260 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	21	14:50 -PST	22:50-GMT		
Good	0%	1	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 134° / 3528 m Direction: West; Behavior: Traveling • Breach		
Quality	CCvr	Bft	Horiz / Vis nm	22	15:09 -PST	23:09-GMT		
Good	0%	1	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 201° / 1331 m Direction: West; Behavior: Traveling • Fluke		
Quality	CCvr	Bft	Horiz / Vis nm	23	15:39 -PST	23:39-GMT		
Good	0%	1	Fuzzy / 3		SD	Pacific White-sided dolphin	Total 8 — 0 Calves	
						Position: 184° / 1106 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	24	16:03 -PST	0:03; 2/23/2016-GMT		
Fair	0%	1	Fuzzy / 3		SW	unidentified large whale	Total 1 — 0 Calves	
						Position: 201° / 3528 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	25	16:05 -PST	0:05; 2/23/2016-GMT		
Fair	0%	1	Fuzzy / 3		SW	unidentified large whale	Total 1 — 0 Calves	
						Position: 153° / 3528 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	26	16:13 -PST	0:13; 2/23/2016-GMT		
Fair	0%	1	Fuzzy / 3		SD	Common dolphin, species not determined	Total ~200 — Calves not determined	
						Position: 174° / 1106 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	27	16:42 -PST	0:42; 2/23/2016-GMT		
Fair	0%	1	Fuzzy / 3		SW	unidentified large whale	Total 2 — 0 Calves	
						Position: 189° / 3088 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	28	16:44 -PST	0:44; 2/23/2016-GMT		
Fair	0%	1	Fuzzy / 3		SW	unidentified large whale	Total 3 — 0 Calves	
						Position: 192° / 3528 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	End Day	17:00 -PST	1:00; 2/23/2016-GMT		
Fair	0%	1	Fuzzy / 3		T	Effort Hours 8:00		

Feb 23 Day 8 of 101

Quality	CCvr	Bft	Horiz / Vis nm	01	09:03 -PST	17:03-GMT		
Fair	80%	0	Fuzzy / 2		SD	Bottlenose dolphin	Total 10 — 0 Calves	
						Position: 208° / 1483 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	02	09:13 -PST	17:13-GMT		
Fair	80%	0	Fuzzy / 2		SD	Bottlenose dolphin	Total 4 — 1 Calf	
						Position: 140° / 661 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	03	09:18 -PST	17:18-GMT		
Fair	80%	0	Fuzzy / 2		SD	Pacific White-sided dolphin	Total 20 — 0 Calves	
						Position: 179° / 1106 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	04	09:29 -PST	17:29-GMT		
Fair	80%	0	Indeterminate / 2		SP	Harbor seal	Total 1 — 0 Pups	
						Position: 132° / 253 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	05	09:50 -PST	17:50-GMT		
Fair	80%	1	Indeterminate / 2		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 154° / 5027 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	06	10:05 -PST	18:05-GMT		
Fair	80%	1	Indeterminate / 2		SD	Bottlenose dolphin	Total 2 — 0 Calves	
						Position: 159° / 489 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	07	10:15 -PST	18:15-GMT		
Fair	80%	1	Indeterminate / 2		S	Gray whale (northbound)	Total 1 — 0 Calves	

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm			
Good	80%	1	Fuzzy / 3	27	15:32 -PST	23:32-GMT
					SD	Pacific White-sided dolphin
						Position: 150° / 913 m Direction: East; Behavior: Traveling
						Total 8 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	80%	1	Fuzzy / 3	28	15:33 -PST	23:33-GMT
					S	Gray whale (northbound)
						Position: 181° / 1331 m Direction: West; Behavior: Traveling • Fluke
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	80%	1	Fuzzy / 3	29	15:52 -PST	23:52-GMT
					SD	Common dolphin, species not determined
						Position: 174° / 3528 m Direction: West; Behavior: Traveling • Parade Line
						Total ~60 — Calves not determined
Quality	CCvr	Bft	Horiz / Vis nm			
Good	80%	1	Fuzzy / 3	30	16:22 -PST	0:22; 2/24/2016-GMT
					SD	Pacific White-sided dolphin
						Position: 179° / 600 m Direction: West; Behavior: Traveling
						Total 15 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	40%	1	Fuzzy / 3	31	16:33 -PST	0:33; 2/24/2016-GMT
					S	Gray whale (northbound)
						Position: 230° / 2260 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
				End Day	17:00 -PST	1:00; 2/24/2016-GMT
					T	Effort Hours 8:00

**Feb 24** Day 9 of 101

Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	01	09:05 -PST	17:05-GMT
					S	Gray whale (northbound)
						Position: 182° / 661 m Direction: West; Behavior: Traveling • Fluke
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	02	09:14 -PST	17:14-GMT
					SD	Common dolphin, species not determined
						Position: 153° / 1106 m Direction: Circling; Behavior: Foraging
						Total ~600 — Calves not determined
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	03	09:42 -PST	17:42-GMT
					SP	Harbor seal
						Position: 126° / 322 m Direction: Circling; Behavior: Foraging
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	04	10:02 -PST	18:02-GMT
					SW	Gray whale (southbound)
						Position: 162° / 3528 m Direction: East; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	05	10:33 -PST	18:33-GMT
					S	Gray whale (northbound)
						Position: 116° / 1922 m Direction: West; Behavior: Traveling • Fluke
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	06	10:44 -PST	18:44-GMT <a href="#">Images: 0774-0807</a>
					S	Gray whale (northbound)
						Position: 140° / 1674 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	07	10:48 -PST	18:48-GMT
					S	Gray whale (northbound)
						Position: 175° / 600 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	1	Fuzzy / 3	08	11:00 -PST	19:00-GMT
					S	Gray whale (northbound)
						Position: 143° / 3528 m Direction: West; Behavior: Traveling
						Total 3 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	1	Fuzzy / 3	09	11:07 -PST	19:07-GMT
					S	Gray whale (northbound)
						Position: 155° / 3088 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	10	11:56 -PST	19:56-GMT
					S	Gray whale (northbound)
						Position: 134° / 3088 m Direction: West; Behavior: Traveling
						Total 4 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	11	12:05 -PST	20:05-GMT
					S	Gray whale (northbound)
						Position: 147° / 3528 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	12	12:23 -PST	20:23-GMT
					S	Gray whale (northbound)
						Position: 154° / 3528 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	13	12:29 -PST	20:29-GMT
					SD	Pacific White-sided dolphin
						Position: 169° / 1106 m Direction: East; Behavior: Traveling
						Total 10 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	14	12:32 -PST	20:32-GMT
					S	Gray whale (northbound)
						Position: 151° / 2749 m Direction: West; Behavior: Fluke
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	15	12:47 -PST	20:47-GMT
					SD	Bottlenose dolphin
						Total 3 — 0 Calves

**Sighting Codes** S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality Good	CCvr 0%	Brt 0	Horiz / Vis nm Fuzzy / 3	16	13:03 -PST	21:03-GMT	SW	Humpback whale Position: 152° / 3528 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Good	CCvr 0%	Brt 0	Horiz / Vis nm Fuzzy / 3	17	13:26 -PST	21:26-GMT	S	Gray whale (northbound) Position: 174° / 3088 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Good	CCvr 0%	Brt 0	Horiz / Vis nm Fuzzy / 3	18	13:45 -PST	21:45-GMT	SP	Harbor seal Position: 150° / 528 m Direction: East; Behavior: Traveling	Total 1 — 0 Pups
Quality Fair	CCvr 0%	Brt 0	Horiz / Vis nm Indeterminate / 3	19	13:48 -PST	21:48-GMT	S	Gray whale (northbound) Position: 154° / 3528 m Direction: West; Behavior: Traveling • Breach	Total 4 — 0 Calves
Quality Fair	CCvr 0%	Brt 0	Horiz / Vis nm Indeterminate / 3	20	15:05 -PST	23:05-GMT	SW	Gray whale (southbound) Position: 214° / 550 m Direction: East; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 0%	Brt 0	Horiz / Vis nm Indeterminate / 3	21	15:09 -PST	23:09-GMT	SD	Bottlenose dolphin Position: 215° / 300 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Fair	CCvr 0%	Brt 0	Horiz / Vis nm Indeterminate / 3	22	15:18 -PST	23:18-GMT	S	Gray whale (northbound) Position: 174° / 1674 m Direction: West; Behavior: Traveling • Fluke	Total 2 — 0 Calves
Quality Fair	CCvr 0%	Brt 0	Horiz / Vis nm Indeterminate / 3	23	15:50 -PST	23:50-GMT	SP	Harbor seal Position: 197° / 300 m Direction: East; Behavior: Traveling	Total 1 — 0 Pups
Quality Fair	CCvr 0%	Brt 0	Horiz / Vis nm Indeterminate / 3	24	15:58 -PST	23:58-GMT	S	Gray whale (northbound) Position: 200° / 3528 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 0%	Brt 1	Horiz / Vis nm Indeterminate / 3	25	16:38 -PST	0:38; 2/25/2016-GMT	S	Gray whale (northbound) Position: 138° / 1922 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 0%	Brt 1	Horiz / Vis nm Indeterminate / 3	26	16:58 -PST	0:58; 2/25/2016-GMT	S	Gray whale (northbound) Position: 128° / 3088 m Direction: West; Behavior: Traveling • Fluke	Total 2 — 0 Calves
Quality Fair	CCvr 0%	Brt 1	Horiz / Vis nm Indeterminate / 3	End Day	17:00 -PST	1:00; 2/25/2016-GMT	T	Effort Hours 8:00	

Feb 25 Day 10 of 101

Quality Poor	CCvr 0%	Brt 0	Horiz / Vis nm Indeterminate / 2	01	09:27 -PST	17:27-GMT	S	Gray whale (northbound) Position: 147° / 1922 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Poor	CCvr 0%	Brt 0	Horiz / Vis nm Indeterminate / 2	02	09:48 -PST	17:48-GMT	S	Gray whale (northbound) Position: 179° / 1922 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Poor	CCvr 0%	Brt 0	Horiz / Vis nm Indeterminate / 2	03	10:08 -PST	18:08-GMT	SP	Harbor seal Position: 206° / 550 m Direction: West; Behavior: Traveling	Total 1 — 0 Pups
Quality Fair	CCvr 0%	Brt 0	Horiz / Vis nm Indeterminate / 2	04	10:49 -PST	18:49-GMT	SP	Harbor seal Position: 164° / 629 m Direction: Circling; Behavior: in large group	Total 1 — 0 Pups
Quality Fair	CCvr 0%	Brt 0	Horiz / Vis nm Indeterminate / 2	05	10:53 -PST	18:53-GMT	S	Gray whale (northbound) Position: 150° / 1922 m Direction: West; Behavior: Fluke	Total 2 — 0 Calves
Quality Fair	CCvr 0%	Brt 0	Horiz / Vis nm Indeterminate / 2	06	11:12 -PST	19:12-GMT	SP	Harbor seal Position: 174° / 314 m ; Behavior: in large group	Total 1 — 0 Pups
Quality Fair	CCvr 0%	Brt 0	Horiz / Vis nm Indeterminate / 2	07	11:20 -PST	19:20-GMT	S	Gray whale (northbound) Position: 138° / 2749 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Fair	CCvr 0%	Brt 1	Horiz / Vis nm Indeterminate / 2	08	11:47 -PST	19:47-GMT	S	Gray whale (northbound) Position: 134° / m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Fair	CCvr 0%	Brt 1	Horiz / Vis nm Fuzzy / 2	09	11:54 -PST	19:54-GMT	S	Gray whale (northbound)	Total 2 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm	10	12:36 -PST	20:36-GMT		
Fair	0%	1	Fuzzy / 2		SD	Common dolphin, species not determined	Total ~50	Calves not determined
						Position: 194° / 1483 m Direction: East; Behavior: Traveling • Parade Line		
Quality	CCvr	Bft	Horiz / Vis nm	11	12:41 -PST	20:41-GMT		
Fair	0%	1	Fuzzy / 2		S	Gray whale (northbound)	Total 1	0 Calves
						Position: 132° / 1106 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	12	12:50 -PST	20:50-GMT		
Fair	0%	1	Fuzzy / 2		SD	Pacific White-sided dolphin	Total 8	0 Calves
						Position: 189° / 1106 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	13	13:04 -PST	21:04-GMT		
Fair	0%	1	Fuzzy / 2		SP	Harbor seal	Total 1	0 Pups
						Position: 155° / 314 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	14	14:14 -PST	22:14-GMT		
Poor	0%	3	Fuzzy / 2		S	Gray whale (northbound)	Total 1	0 Calves
						Position: 139° / 1674 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	15	15:43 -PST	23:43-GMT		
Poor	0%	3	Fuzzy / 2		S	Gray whale (northbound)	Total 1	0 Calves
						Position: 180° / 629 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	16	15:50 -PST	23:50-GMT		
Poor	0%	3	Fuzzy / 2		SP	Harbor seal	Total 1	0 Pups
						Position: 201° / 314 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	17	15:59 -PST	23:59-GMT		
Poor	0%	2	Fuzzy / 2		S	Gray whale (northbound)	Total 2	0 Calves
						Position: 223° / 946 m Direction: West; Behavior: Traveling • Fluke		
Quality	CCvr	Bft	Horiz / Vis nm	18	16:17 -PST	0:17; 2/26/2016-GMT		
Poor	0%	2	Fuzzy / 2		SW	unidentified large whale	Total 1	0 Calves
						Position: 203° / 3528 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	19	16:45 -PST	0:45; 2/26/2016-GMT		
Poor	0%	1	Fuzzy / 2		S	Gray whale (northbound)	Total 2	0 Calves
						Position: 175° / m Direction: West; Behavior: Traveling • Fluke		
Quality	CCvr	Bft	Horiz / Vis nm	20	16:49 -PST	0:49; 2/26/2016-GMT		
Poor	0%	1	Fuzzy / 2		SD	Bottlenose dolphin	Total 2	0 Calves
						Position: 128° / 447 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	21	16:53 -PST	0:53; 2/26/2016-GMT		
Poor	0%	1	Fuzzy / 2		SP	Harbor seal	Total 1	0 Pups
						Position: 188° / 231 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm		End Day	17:00 -PST	1:00; 2/26/2016-GMT	
Poor	0%	1	Fuzzy / 2		T	Effort Hours 8:00		

Feb 26 Day 11 of 101

Quality	CCvr	Bft	Horiz / Vis nm	01	11:21 -PST	19:21-GMT		
Poor	20%	1	Fuzzy / 2		S	Gray whale (northbound)	Total 1	0 Calves
						Position: 159° / 1020 m Direction: West; Behavior: Traveling • Fluke		
Quality	CCvr	Bft	Horiz / Vis nm	02	11:40 -PST	19:40-GMT	Images: 0818-26	
Poor	20%	1	Fuzzy / 2		SO	Southern Sea otter	Total 1	0 Pups
						Position: 137° / 946 m ; Behavior: with tags • Fluke		
Quality	CCvr	Bft	Horiz / Vis nm	03	11:46 -PST	19:46-GMT		
Poor	20%	1	Fuzzy / 2		SP	Harbor seal	Total 1	0 Pups
						Position: 111° / 1674 m ; Behavior: Foraging		
Quality	CCvr	Bft	Horiz / Vis nm	04	11:47 -PST	19:47-GMT		
Poor	20%	1	Fuzzy / 2		SP	Harbor seal	Total 1	0 Pups
						Position: 112° / 1922 m ; Behavior: in large group		
Quality	CCvr	Bft	Horiz / Vis nm	05	12:00 -PST	20:00-GMT		
Poor	20%	1	Fuzzy / 2		SD	Common dolphin, species not determined	Total ~20	Calves not determined
						Position: 164° / 2260 m Direction: West; Behavior: Leap		
Quality	CCvr	Bft	Horiz / Vis nm	06	12:28 -PST	20:28-GMT		
Poor	20%	1	Fuzzy / 2		SD	Pacific White-sided dolphin	Total 12	0 Calves
						Position: 201° / 1331 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	07	12:47 -PST	20:47-GMT		
Poor	20%	1	Fuzzy / 2		S	Gray whale (northbound)	Total 2	0 Calves
						Position: 146° / 1922 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	08	13:09 -PST	21:09-GMT		
Poor	60%	1	Fuzzy / 2		SD	Pacific White-sided dolphin	Total 10	0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	BR	Horiz / Vis nm				
Poor	60%	1	Fuzzy / 2	09	13:58 -PST	21:58-GMT	
					S	Gray whale (northbound)	Total 3 — 0 Calves
						Position: 201° / 5027 m Direction: West; Behavior: Traveling	
Poor	60%	1	Fuzzy / 2	10	14:48 -PST	22:48-GMT	
					SD	Common dolphin, species not determined	Total ~50 — Calves not determined
						Position: 144° / 661 m Direction: East; Behavior: Traveling	
Poor	60%	3	Fuzzy / 2	11	14:59 -PST	22:59-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 109° / 1331 m Direction: Circling; Behavior: Foraging	
Poor	60%	3	Fuzzy / 2	12	16:15 -PST	0:15; 2/27/2016-GMT	
					SD	Bottlenose dolphin	Total 5 — 0 Calves
						Position: 214° / 600 m Direction: East; Behavior: Traveling	
Poor	60%	4	Fuzzy / 2	13	16:44 -PST	0:44; 2/27/2016-GMT	
					SD	Pacific White-sided dolphin	Total 5 — 0 Calves
						Position: 97° / 913 m Direction: East; Behavior: Traveling	
Poor	60%	4	Fuzzy / 2	End Day	17:00 -PST	1:00; 2/27/2016-GMT	
					T	Effort Hours 5:40	

Feb 27 Day 12 of 101

Quality	CCvr	BR	Horiz / Vis nm				
Fair	20%	0	Fuzzy / 2	01	09:22 -PST	17:22-GMT	
					SD	Pacific White-sided dolphin	Total 8 — 0 Calves
						Position: 162° / 1331 m Direction: East; Behavior: Traveling	
Fair	20%	0	Fuzzy / 2	02	09:28 -PST	17:28-GMT	
					SD	Common dolphin, species not determined	Total ~200 — Calves not determined
						Position: 188° / 913 m Direction: East; Behavior: Traveling	
Fair	20%	1	Fuzzy / 2	03	10:43 -PST	18:43-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 147° / 629 m ; Behavior: in large group	
Fair	20%	2	Fuzzy / 2	04	11:18 -PST	19:18-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 169° / 160 m Direction: East; Behavior: Traveling	
Fair	20%	2	Fuzzy / 2	05	11:22 -PST	19:22-GMT	
					SD	Bottlenose dolphin	Total 4 — 0 Calves
						Position: 200° / 489 m Direction: West; Behavior: Traveling	
Fair	20%	2	Fuzzy / 2	06	12:29 -PST	20:29-GMT	
					SD	Bottlenose dolphin	Total 3 — 0 Calves
						Position: 179° / 550 m Direction: East; Behavior: Traveling	
Fair	0%	1	Fuzzy / 2	07	13:03 -PST	21:03-GMT	
					SD	Bottlenose dolphin	Total 2 — 0 Calves
						Position: 135° / 539 m Direction: West; Behavior: Traveling	
Fair	0%	1	Fuzzy / 2	08	13:36 -PST	21:36-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 179° / 1922 m Direction: West; Behavior: Traveling	
Fair	0%	1	Fuzzy / 2	09	13:45 -PST	21:45-GMT <a href="#">Images: 0830-4</a>	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 162° / 946 m Direction: West; Behavior: Traveling	
Fair	0%	3	Fuzzy / 2	10	14:28 -PST	22:28-GMT	
					S	Gray whale (northbound)	Total 3 — 0 Calves
						Position: 139° / 1922 m Direction: West; Behavior: Traveling	
Fair	0%	3	Fuzzy / 2	11	15:15 -PST	23:15-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 144° / 2260 m Direction: West; Behavior: Traveling	
Fair	0%	3	Fuzzy / 2	12	15:36 -PST	23:36-GMT	
					SD	Bottlenose dolphin	Total 2 — 0 Calves
						Position: 215° / 550 m Direction: East; Behavior: Traveling	
Fair	0%	3	Fuzzy / 2	13	15:57 -PST	23:57-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 150° / 3088 m Direction: West; Behavior: Traveling	
Fair	0%	3	Fuzzy / 2	14	16:18 -PST	0:18; 2/28/2016-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 199° / 2260 m Direction: West; Behavior: Traveling	
Fair	0%	3	Fuzzy / 2	15	16:29 -PST	0:29; 2/28/2016-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality CCvr Bft Horiz / Vis nm  
 Fair 0% 3 Fuzzy / 2  
 End Day 17:00 -PST 1:00; 2/28/2016-GMT  
 T Effort Hours 8:00

**Feb 28** Day 13 of 101

Quality	CCvr	Bft	Horiz / Vis nm						
Poor	40%	1	Indeterminate / 2	01	08:05 -PST	16:05-GMT	S	Gray whale (northbound) Position: 249° / 1331 m Direction: West; Behavior: Traveling	Total 4 — 0 Calves
Poor	40%	1	Indeterminate / 2	02	09:10 -PST	17:10-GMT	SP	Harbor seal Position: 198° / 528 m ; Behavior: Foraging	Total 1 — 0 Pups
Poor	40%	1	Indeterminate / 2	03	09:12 -PST	17:12-GMT	SO	Southern Sea otter Position: 118° / 1208 m ; Behavior: with gull(s)	Total 1 — 0 Pups
Poor	40%	1	Indeterminate / 2	04	09:17 -PST	17:17-GMT	S	Gray whale (northbound) Position: 157° / 661 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Poor	40%	1	Indeterminate / 2	05	09:28 -PST	17:28-GMT	SD	Pacific White-sided dolphin Position: 161° / 1483 m Direction: East; Behavior: Traveling	Total 8 — 0 Calves
Poor	40%	2	Indeterminate / 2	06	10:14 -PST	18:14-GMT	S	Gray whale (northbound) Position: 151° / 3088 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Poor	40%	2	Indeterminate / 2	07	10:29 -PST	18:29-GMT	S	Gray whale (northbound) Position: 144° / 3088 m Direction: West; Behavior: Traveling	Total 4 — 0 Calves
Poor	40%	2	Indeterminate / 2	08	10:41 -PST	18:41-GMT	SD	Bottlenose dolphin Position: 177° / 1106 m Direction: East; Behavior: Traveling	Total 3 — 0 Calves
Poor	40%	2	Indeterminate / 2	09	11:02 -PST	19:02-GMT	S	Gray whale (northbound) Position: 153° / 2749 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Poor	40%	2	Indeterminate / 2	10	11:07 -PST	19:07-GMT	SD	Common dolphin, species not determined Position: 151° / 1483 m Direction: East; Behavior: Leap	Total ~300 — Calves not determined
Poor	40%	2	Indeterminate / 2	11	11:12 -PST	19:12-GMT	SW	unidentified large whale Position: 141° / 946 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Poor	40%	2	Indeterminate / 2	12	11:16 -PST	19:16-GMT	SW	unidentified large whale Position: 141° / 3088 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Poor	40%	2	Indeterminate / 2	13	11:23 -PST	19:23-GMT	S	Gray whale (northbound) Position: 151° / 1674 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Poor	40%	2	Indeterminate / 2	14	11:45 -PST	19:45-GMT	S	Gray whale (northbound) Position: 151° / 3528 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Fair	40%	1	Indeterminate / 3	15	12:15 -PST	20:15-GMT	S	Gray whale (northbound) Position: 140° / 2749 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Fair	40%	1	Indeterminate / 3	16	12:17 -PST	20:17-GMT	SD	Pacific White-sided dolphin Position: 140° / 1483 m Direction: West; Behavior: Traveling • Leap	Total 10 — 0 Calves
Fair	40%	1	Indeterminate / 3	17	12:56 -PST	20:56-GMT	SD	Bottlenose dolphin Position: 149° / 1208 m Direction: East; Behavior: Traveling	Total 5 — 0 Calves
Fair	40%	1	Indeterminate / 3	18	13:05 -PST	21:05-GMT	S	Gray whale (northbound) Position: 153° / 1674 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Fair	40%	1	Indeterminate / 3	19	13:33 -PST	21:33-GMT	SW	unidentified large whale Position: 156° / 2749 m Direction: West; Behavior: Fluke	Total 1 — 0 Calves
Fair	40%	1	Indeterminate / 3	20	13:37 -PST	21:37-GMT	S	Gray whale (northbound)	Total 1 — 0 Calves

**Sighting Codes** S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



2016 All Sighting Numbers, Raw

Quality Fair 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 3	21	13:39 -PST	21:39-GMT	S	Gray whale (northbound) Position: 174° / 1922 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 3	22	13:53 -PST	21:53-GMT	S	Gray whale (northbound) Position: 141° / 1922 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 3	23	14:09 -PST	22:09-GMT	S	Gray whale (northbound) Position: 170° / 913 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 3	24	14:36 -PST	22:36-GMT	S	Gray whale (northbound) Position: 144° / 3088 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 3	25	14:40 -PST	22:40-GMT	S	Gray whale (northbound) Position: 148° / 1922 m Direction: West; Behavior: Traveling	Total 4 — 0 Calves
Quality Fair 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 3	26	14:43 -PST	22:43-GMT	SD	Bottlenose dolphin Position: 151° / 455 m Direction: West; Behavior: Traveling	Total 4 — 0 Calves
Quality Fair 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 3	27	14:53 -PST	22:53-GMT	S	Gray whale (northbound) Position: 190° / 2260 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 3	28	15:21 -PST	23:21-GMT	S	Gray whale (northbound) Position: 171° / 2260 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 3	29	15:31 -PST	23:31-GMT	S	Gray whale (northbound) Position: 142° / 3088 m Direction: West; Behavior: Traveling	Total 5 — 0 Calves
Quality Fair 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 3	30	15:33 -PST	23:33-GMT	SD	Common dolphin, species not determined Position: 146° / 3088 m Direction: West; Behavior: Traveling	Total ~1000 — Calves not determined
Quality Fair 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 3	31	16:33 -PST	0:33; 2/29/2016-GMT	S	Gray whale (northbound) Position: 192° / 1331 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 3	32	16:44 -PST	0:44; 2/29/2016-GMT	S	Gray whale (northbound) Position: 135° / 1922 m Direction: West; Behavior: Traveling • Sharking	Total 2 — 0 Calves
Quality Fair 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 3	End Day	17:00 -PST	1:00; 2/29/2016-GMT	T	Effort Hours 8:09	

**Feb 29** Day 14 of 101

Quality Not 100%	CCvr ND	Bft NV	Horiz / Vis nm <1	End Day	09:00 -PST	17:00-GMT	T	Effort Hours 0:00	
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**Mar 01** Day 15 of 101

Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 1.7	01	14:27 -PST	22:27-GMT	SD	Bottlenose dolphin Position: 211° / 489 m Direction: Circling; Behavior: Foraging	Total 4 — 0 Calves
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 1.7	02	14:29 -PST	22:29-GMT	SP	Harbor seal Position: 219° / 678 m Direction: West; Behavior: Traveling	Total 1 — 0 Pups
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 1.7	03	14:37 -PST	22:37-GMT <a href="#">Images: 1125-7</a>	SO	Southern Sea otter Position: 176° / 550 m ; Behavior: Diving	Total 1 — 0 Pups
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 1.7	04	14:38 -PST	22:38-GMT	SO	Southern Sea otter Position: 115° / 1483 m ; Behavior: on back, resting	Total 1 — 0 Pups
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 1.7	06	14:40 -PST	22:40-GMT	SP	Harbor seal Position: 114° / 1331 m ; Behavior: Foraging • in large group	Total 2 — 0 Pups
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 1.7	07	14:45 -PST	22:45-GMT <a href="#">Images: 1124</a>	S	Gray whale (northbound) Position: 152° / 1020 m Direction: West; Behavior: Traveling • Fluke	Total 1 — 0 Calves

**Sighting Codes** S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 1.7	08	14:47 -PST	22:47-GMT	SP	Harbor seal Position: 217° / 574 m Direction: East; Behavior: Traveling • Diving	Total 1 — 0 Pups
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 1.7	09	14:59 -PST	22:59-GMT	S	Gray whale (northbound) Position: 173° / 3528 m Direction: West; Behavior: Traveling • Fluke	Total 3 — 0 Calves
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 1.7	10	15:14 -PST	23:14-GMT	S	Gray whale (northbound) Position: 194° / 1331 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 2	11	15:42 -PST	23:42-GMT	S	Gray whale (northbound) Position: 195° / 5027 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 2	12	15:44 -PST	23:44-GMT	S	Gray whale (northbound) Position: 190° / 1106 m Direction: West; Behavior: Traveling • Fluke	Total 3 — 0 Calves
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 2	13	15:56 -PST	23:56-GMT	S	Gray whale (northbound) Position: 198° / 3528 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 2	14	16:08 -PST	0:08; 3/2/2016-GMT	SD	Pacific White-sided dolphin Position: 200° / 778 m Direction: East; Behavior: Traveling	Total 10 — 0 Calves
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 2	15	16:20 -PST	0:20; 3/2/2016-GMT	S	Gray whale (northbound) <a href="#">Images: 1128-34</a> Position: 174° / 661 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 2	16	16:22 -PST	0:22; 3/2/2016-GMT	SD	Bottlenose dolphin Position: 203° / 600 m Direction: East; Behavior: Traveling	Total 4 — 0 Calves
Quality Poor 60%	CCvr 0	Bft 0	Horiz / Vis nm Indeterminate / 2	17	16:26 -PST	0:26; 3/2/2016-GMT	S	Gray whale (northbound) Position: 197° / 3528 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Poor 60%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 2	18	16:42 -PST	0:42; 3/2/2016-GMT	S	Gray whale (northbound) Position: 166° / 3088 m Direction: West; Behavior: Traveling • Fluke	Total 2 — 0 Calves
Quality Poor 60%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 2	19	16:48 -PST	0:48; 3/2/2016-GMT	S	Gray whale (northbound) Position: 154° / 2749 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Poor 60%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 2	20	16:59 -PST	0:59; 3/2/2016-GMT	SD	Bottlenose dolphin Position: 154° / 412 m Direction: East; Behavior: Traveling	Total 2 — 0 Calves
Quality Poor 60%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 2	End Day	17:00 -PST	1:00; 3/2/2016-GMT	T	Effort Hours 2:35	

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Quality Poor 60%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 1.7	01	09:55 -PST	17:55-GMT	SW	unidentified large whale Position: 191° / 3528 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Poor 60%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 1.7	02	09:58 -PST	17:58-GMT	S	Gray whale (northbound) Position: 182° / 1922 m Direction: West; Behavior: Traveling • Fluke	Total 1 — 0 Calves
Quality Poor 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 1.7	03	09:59 -PST	17:59-GMT	S	Gray whale (northbound) Position: 203° / 2260 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Poor 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 1.7	04	10:08 -PST	18:08-GMT	S	Gray whale (northbound) Position: 135° / 2260 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair 70%	CCvr 0	Bft 0	Horiz / Vis nm Fuzzy / 2	Va	10:12 -PST	18:12-GMT	V	Research Diving UCSB Position: 135° / 1674 m Direction: West	
Quality Poor 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 1.7	05	10:26 -PST	18:26-GMT	SO	Southern Sea otter Position: 113° / 1483 m ; Behavior: on back, resting	Total 2 — 0 Pups
Quality Poor 40%	CCvr 1	Bft 1	Horiz / Vis nm Indeterminate / 1.7	06	10:28 -PST	18:28-GMT	S	Gray whale (northbound)	Total 1 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

## 2016 All Sighting Numbers, Raw

Quality Poor	CCvr 40%	Bft 1	Horiz / Vis nm Indeterminate / 1.7	07	10:29 -PST	18:29-GMT	S	Gray whale (northbound) Position: 140° / 2260 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Poor	CCvr 40%	Bft 1	Horiz / Vis nm Indeterminate / 1.7	08	10:40 -PST	18:40-GMT	S	Gray whale (northbound) Position: 148° / 1674 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Poor	CCvr 40%	Bft 1	Horiz / Vis nm Indeterminate / 1.7	09	10:41 -PST	18:41-GMT	SW	unidentified large whale Position: 148° / 3088 m Direction: nd; Behavior: Traveling	Total 1 — 0 Calves
Quality Poor	CCvr 40%	Bft 1	Horiz / Vis nm Indeterminate / 1.7	10	11:02 -PST	19:02-GMT	S	Gray whale (northbound) Position: 148° / 1331 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Poor	CCvr 80%	Bft 0	Horiz / Vis nm Indeterminate / 1.7	11	11:13 -PST	19:13-GMT	S	Gray whale (northbound) Position: 159° / 883 m Direction: West; Behavior: Traveling • Fluke	Total 1 — 0 Calves
Quality Poor	CCvr 80%	Bft 0	Horiz / Vis nm Indeterminate / 1.7	12	11:16 -PST	19:16-GMT	S	Gray whale (northbound) Position: 135° / 1674 m Direction: West; Behavior: Traveling • Breach	Total 3 — 0 Calves
Quality Poor	CCvr 80%	Bft 0	Horiz / Vis nm Indeterminate / 1.7	13	11:18 -PST	19:18-GMT	S	Gray whale (northbound) Position: 199° / 1331 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Poor	CCvr 80%	Bft 0	Horiz / Vis nm Indeterminate / 1.7	14	11:40 -PST	19:40-GMT	SO	Southern Sea otter Position: 117° / 1483 m ; Behavior: on back, resting	Total 1 — 0 Pups
Quality Poor	CCvr 80%	Bft 0	Horiz / Vis nm Indeterminate / 1.7	15	11:41 -PST	19:41-GMT	SO	Southern Sea otter Position: 113° / 1674 m ; Behavior: on back, resting	Total 1 — 0 Pups
Quality Poor	CCvr 80%	Bft 0	Horiz / Vis nm Indeterminate / 1.7	16	11:42 -PST	19:42-GMT	SO	Southern Sea otter Position: 115° / 1483 m ; Behavior: on back, resting	Total 1 — 0 Pups
Quality Poor	CCvr 40%	Bft 0	Horiz / Vis nm Indeterminate / 1.7	17	11:43 -PST	19:43-GMT <a href="#">Images: 1140-3</a>	SO	Southern Sea otter Position: 151° / 600 m ; Behavior: on back, feeding	Total 1 — 0 Pups
Quality Poor	CCvr 40%	Bft 0	Horiz / Vis nm Indeterminate / 1.7	18	11:50 -PST	19:50-GMT	S	Gray whale (northbound) Position: 154° / 946 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 80%	Bft 0	Horiz / Vis nm Fuzzy / 2	19	12:13 -PST	20:13-GMT <a href="#">Images: 1145-51</a>	S	Gray whale (northbound) Position: 134° / 2260 m Direction: West; Behavior: Traveling • Fluke	Total 7 — 0 Calves
Quality Fair	CCvr 80%	Bft 0	Horiz / Vis nm Fuzzy / 2	20	12:27 -PST	20:27-GMT	S	Gray whale (northbound) Position: 136° / 1674 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 80%	Bft 0	Horiz / Vis nm Fuzzy / 2	21	12:42 -PST	20:42-GMT	S	Gray whale (northbound) Position: 144° / 2749 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 80%	Bft 0	Horiz / Vis nm Fuzzy / 2	22	13:16 -PST	21:16-GMT	SO	Southern Sea otter Position: 117° / 883 m Direction: West; Behavior: Swimming	Total 1 — 0 Pups
Quality Fair	CCvr 80%	Bft 0	Horiz / Vis nm Fuzzy / 2	23	13:18 -PST	21:18-GMT	SD	Common dolphin, species not determined Position: 169° / 1106 m Direction: East; Behavior: Traveling	Total ~50 — Calves not determined
Quality Fair	CCvr 80%	Bft 0	Horiz / Vis nm Fuzzy / 2	24	14:17 -PST	22:17-GMT	S	Gray whale (northbound) Position: 162° / 1922 m Direction: West; Behavior: Traveling • Fluke	Total 3 — 0 Calves
Quality Fair	CCvr 70%	Bft 0	Horiz / Vis nm Fuzzy / 2	25	14:28 -PST	22:28-GMT	S	Gray whale (northbound) Position: 116° / 2749 m Direction: West; Behavior: Breach • Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 70%	Bft 0	Horiz / Vis nm Fuzzy / 2	26	14:36 -PST	22:36-GMT <a href="#">Images: 1175-85</a>	SO	Southern Sea otter Position: 132° / 412 m Direction: West; Behavior: Diving	Total 1 — 0 Pups
Quality Fair	CCvr 70%	Bft 0	Horiz / Vis nm Fuzzy / 2	27	15:19 -PST	23:19-GMT	S	Gray whale (northbound) Position: 146° / 1922 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm				
Fair	70%	0	Fuzzy / 2	28	15:52 -PST	23:52-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 184° / 1331 m Direction: West; Behavior: Traveling	
Fair	70%	0	Fuzzy / 2	29	16:38 -PST	0:38; 3/3/2016-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 148° / 1403 m Direction: West; Behavior: Traveling	
Fair	70%	0	Fuzzy / 2	End Day	17:00 -PST	1:00; 3/3/2016-GMT	
					T	Effort Hours 7:05	

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Quality	CCvr	Bft	Horiz / Vis nm				
Poor	100%	1	Indeterminate / 1.7	01	10:09 -PST	18:09-GMT	
					SO	Southern Sea otter	Total 4 — 0 Pups
						Position: 113° / 1483 m ; Behavior: on back, resting	
Poor	100%	1	Indeterminate / 1.7	02	10:10 -PST	18:10-GMT	
					SW	unidentified large whale	Total 3 — 0 Calves
						Position: 153° / 1331 m Direction: East; Behavior: Traveling • Fluke	
Poor	100%	1	Indeterminate / 1.7	03	10:14 -PST	18:14-GMT	
					S	Gray whale (northbound)	Total 3 — 0 Calves
						Position: 150° / 3088 m Direction: West; Behavior: Traveling • Rolling	
Poor	100%	1	Indeterminate / 1.7	04	10:24 -PST	18:24-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 163° / 1106 m Direction: West; Behavior: Traveling • Fluke	
Poor	100%	1	Indeterminate / 1.7	05	10:34 -PST	18:34-GMT	
					SO	Southern Sea otter	Total 1 — 0 Pups
						Position: 234° / 447 m ; Behavior: on back, feeding	
Poor	100%	1	Indeterminate / 2	06	10:52 -PST	18:52-GMT	
					SD	Pacific White-sided dolphin	Total 10 — 0 Calves
						Position: 152° / 1483 m Direction: West; Behavior: Leap	
Poor	100%	1	Indeterminate / 2	07	11:03 -PST	19:03-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 141° / 3088 m Direction: West; Behavior: Traveling	
Poor	100%	1	Indeterminate / 2	08	11:07 -PST	19:07-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 142° / 1106 m Direction: West; Behavior: Traveling	
Poor	100%	1	Indeterminate / 2	09	11:08 -PST	19:08-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 138° / 2260 m Direction: West; Behavior: Traveling	
Poor	100%	1	Indeterminate / 2	10	11:20 -PST	19:20-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 150° / 946 m Direction: West; Behavior: Traveling	
Poor	100%	1	Indeterminate / 2	11	11:42 -PST	19:42-GMT	
					S	Gray whale (northbound)	Total 3 — 0 Calves
						Position: 142° / 1674 m Direction: West; Behavior: Traveling • Fluke	
Poor	100%	1	Indeterminate / 2	12	11:57 -PST	19:57-GMT	
					SW	Humpback whale	Total 2 — 0 Calves
						Position: 170° / 5027 m Direction: East; Behavior: Traveling • Fluke	
Poor	100%	1	Indeterminate / 2	13	12:01 -PST	20:01-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 172° / 2749 m Direction: West; Behavior: Traveling	
Poor	100%	1	Indeterminate / 2	14	12:06 -PST	20:06-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 143° / 2749 m Direction: West; Behavior: Traveling • Fluke	
Poor	100%	1	Indeterminate / 2	15	12:14 -PST	20:14-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 134° / 1483 m Direction: West; Behavior: Traveling • Fluke	
Poor	100%	1	Indeterminate / 2	16	12:27 -PST	20:27-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 184° / 1331 m Direction: West; Behavior: Traveling	
Poor	100%	1	Indeterminate / 2	17	12:35 -PST	20:35-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 142° / 1208 m Direction: West; Behavior: Traveling	
Poor	100%	1	Indeterminate / 2	18	12:48 -PST	20:48-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves

Sighting Codes S=Gray whales, north SW=Wales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality Poor	CCvr 100%	Brt 0	Horiz / Vis nm Indeterminate / 2	19	13:45 -PST	21:45-GMT	SD	Common dolphin, species not determined Position: 156° / 1331 m Direction: West; Behavior: Traveling	Total ~30 — Calves not determined
Quality Poor	CCvr 100%	Brt 0	Horiz / Vis nm Indeterminate / 2	20	13:59 -PST	21:59-GMT	S	Gray whale (northbound) Position: 168° / 3088 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Poor	CCvr 100%	Brt 0	Horiz / Vis nm Indeterminate / 2	21	14:26 -PST	22:26-GMT	S	Gray whale (northbound) Position: 136° / 3088 m Direction: West; Behavior: Traveling • Fluke	Total 5 — 0 Calves
Quality Poor	CCvr 100%	Brt 0	Horiz / Vis nm Indeterminate / 2	22	14:35 -PST	22:35-GMT	S	Gray whale (northbound) Position: 146° / 1106 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Poor	CCvr 100%	Brt 0	Horiz / Vis nm Indeterminate / 2	23	14:44 -PST	22:44-GMT	S	Gray whale (northbound) Position: 147° / 1483 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Poor	CCvr 100%	Brt 0	Horiz / Vis nm Indeterminate / 2	24	14:50 -PST	22:50-GMT	S	Gray whale (northbound) Position: 160° / 3528 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Poor	CCvr 100%	Brt 0	Horiz / Vis nm Indeterminate / 2	25	15:13 -PST	23:13-GMT	S	Gray whale (northbound) Position: 180° / 2749 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Poor	CCvr 100%	Brt 0	Horiz / Vis nm Indeterminate / 2	26	15:25 -PST	23:25-GMT	S	Gray whale (northbound) Position: 182° / 3088 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Fair	CCvr 80%	Brt 1	Horiz / Vis nm Fuzzy / 3	27	15:30 -PST	23:30-GMT	S	Gray whale (northbound) Position: 136° / 1922 m Direction: West; Behavior: Traveling • Fluke	Total 4 — 0 Calves
Quality Fair	CCvr 80%	Brt 1	Horiz / Vis nm Fuzzy / 3	28	15:59 -PST	23:59-GMT	S	Gray whale (northbound) Position: 144° / 2749 m Direction: West; Behavior: Traveling • Fluke	Total 2 — 0 Calves
Quality Fair	CCvr 80%	Brt 1	Horiz / Vis nm Fuzzy / 3	29	16:23 -PST	0:23; 3/4/2016-GMT	S	Gray whale (northbound) Position: 149° / 2749 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 80%	Brt 1	Horiz / Vis nm Fuzzy / 3	30	16:46 -PST	0:46; 3/4/2016-GMT	S	Gray whale (northbound) Position: 153° / 3528 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 80%	Brt 1	Horiz / Vis nm Fuzzy / 3	31	16:54 -PST	0:54; 3/4/2016-GMT	S	Gray whale (northbound) Position: 170° / 3088 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 80%	Brt 1	Horiz / Vis nm Fuzzy / 3	32	16:55 -PST	0:55; 3/4/2016-GMT	S	Gray whale (northbound) Position: 168° / 1922 m Direction: West; Behavior: Traveling • Fluke	Total 1 — 0 Calves
Quality Fair	CCvr 80%	Brt 1	Horiz / Vis nm Fuzzy / 3	End Day	17:00 -PST	1:00; 3/4/2016-GMT	T	Effort Hours 0655	

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Quality Fair	CCvr 80%	Brt 1	Horiz / Vis nm Fuzzy / 3	01	09:04 -PST	17:04-GMT	SO	Southern Sea otter Position: 184° / 489 m ; Behavior: on back, resting • with gull(s) • on back, feeding	Total 1 — 0 Pups
Quality Fair	CCvr 80%	Brt 1	Horiz / Vis nm Fuzzy / 3	02	09:12 -PST	17:12-GMT	SO	Southern Sea otter Position: 114° / 1403 m ; Behavior: on back, resting • with gull(s)	Total 3 — 0 Pups
Quality Fair	CCvr 80%	Brt 1	Horiz / Vis nm Fuzzy / 3	03	09:14 -PST	17:14-GMT	SD	Common dolphin, species not determined Position: 222° / 2260 m Direction: East; Behavior: Traveling	Total ~50 — Calves not determined
Quality Fair	CCvr 80%	Brt 1	Horiz / Vis nm Fuzzy / 3	04	09:21 -PST	17:21-GMT	SW	Images: unidentified large whale Position: 164° / 1922 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 80%	Brt 1	Horiz / Vis nm Fuzzy / 3	05	09:34 -PST	17:34-GMT	SP	Harbor seal Position: 180° / 1674 m Direction: East; Behavior: Traveling	Total 1 — 0 Pups
Quality Fair	CCvr 80%	Brt 0	Horiz / Vis nm Fuzzy / 3	06	10:16 -PST	18:16-GMT	S	Gray whale (northbound)	Total 2 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm	07	10:32 -PST	18:32-GMT			
Fair	80%	0	Fuzzy / 3	S	Gray whale (northbound)	Position: 137° / 2260 m	Direction: West; Behavior: Traveling	• Fluke	Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	08	10:49 -PST	18:49-GMT			
Fair	80%	0	Fuzzy / 3	S	Gray whale (northbound)	Position: 141° / 1922 m	Direction: West; Behavior: Traveling		Total 4 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	09	11:00 -PST	19:00-GMT			
Fair	100%	0	Fuzzy / 3	S	Gray whale (northbound)	Position: 137° / 3088 m	Direction: West; Behavior: Traveling		Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	10	11:01 -PST	19:01-GMT			
Fair	100%	0	Fuzzy / 3	S	Gray whale (northbound)	Position: 153° / 2260 m	Direction: West; Behavior: Traveling		Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	11	11:44 -PST	19:44-GMT			
Poor	100%	0	Fuzzy / 2	S	Gray whale (northbound)	Position: 137° / 1483 m	Direction: West; Behavior: Traveling		Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	12	11:57 -PST	19:57-GMT			
Fair	80%	1	Fuzzy / 2	S	Gray whale (northbound)	Position: 160° / 946 m	Direction: West; Behavior: Traveling		Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	13	12:24 -PST	20:24-GMT			
Fair	80%	1	Fuzzy / 2	SP	Harbor seal	Position: 159° / 356 m	Direction: East; Behavior: Traveling		Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm	14	12:29 -PST	20:29-GMT			
Fair	80%	1	Fuzzy / 3	S	Gray whale (northbound)	Position: 154° / 2749 m	Direction: West; Behavior: Traveling	• Breach	Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	15	12:47 -PST	20:47-GMT			
Fair	80%	1	Fuzzy / 3	S	Gray whale (northbound)	Position: 157° / 3088 m	Direction: West; Behavior: Traveling	• Rolling	Total 6 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	16	13:38 -PST	21:38-GMT			
Fair	100%	0	Fuzzy / 3	SD	Common dolphin, species not determined	Position: 256° / 1483 m	Direction: East; Behavior: Foraging		Total ~60 — Calves not determined
Quality	CCvr	Bft	Horiz / Vis nm	17	13:44 -PST	21:44-GMT			
Fair	100%	0	Fuzzy / 3	S	Gray whale (northbound)	Position: 168° / 629 m	Direction: West; Behavior: Traveling		Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	18	13:49 -PST	21:49-GMT			
Fair	100%	0	Fuzzy / 3	S	Gray whale (northbound)	Position: 152° / 1106 m	Direction: West; Behavior: Traveling		Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	19	13:57 -PST	21:57-GMT			
Fair	100%	0	Fuzzy / 3	SD	Common dolphin, species not determined	Position: 188° / 1674 m	Direction: West; Behavior: Traveling		Total ~500 — Calves not determined
Quality	CCvr	Bft	Horiz / Vis nm	20	14:22 -PST	22:22-GMT			
Fair	100%	0	Fuzzy / 3	S	Gray whale (northbound)	Position: 148° / 1483 m	Direction: West; Behavior: Traveling	• Sharking	Total 3 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	21	14:37 -PST	22:37-GMT			
Fair	100%	0	Fuzzy / 3	SD	Common dolphin, species not determined	Position: 187° / 1922 m	Direction: East; Behavior: Traveling	• Leap	Total ~500 — Calves not determined
Quality	CCvr	Bft	Horiz / Vis nm	22	14:43 -PST	22:43-GMT	Images: 1207-13		
Fair	100%	0	Fuzzy / 3	S	Gray whale (northbound)	Position: 134° / 1922 m	Direction: West; Behavior: Traveling		Total 4 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	23	15:09 -PST	23:09-GMT			
Fair	100%	0	Fuzzy / 3	S	Gray whale (northbound)	Position: 132° / 2260 m	Direction: West; Behavior: Traveling		Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	24	15:38 -PST	23:38-GMT			
Fair	100%	0	Fuzzy / 3	S	Gray whale (northbound)	Position: 137° / 3088 m	Direction: West; Behavior: Traveling		Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	25	15:42 -PST	23:42-GMT			
Fair	60%	0	Fuzzy / 3	S	Gray whale (northbound)	Position: 158° / 1922 m	Direction: West; Behavior: Traveling		Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	26	16:06 -PST	0:06; 3/5/2016-GMT	Images: 1232-52		
Fair	40%	0	Fuzzy / 3	S	Gray whale (northbound)	Position: 166° / 696 m	Direction: West; Behavior: Traveling		Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	27	16:59 -PST	0:59; 3/5/2016-GMT			
Fair	40%	0	Fuzzy / 3	S	Gray whale (northbound)	Position: 140° / 2260 m	Direction: West; Behavior: Traveling		Total 1 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	BR	Horiz / Vis nm	End Day	Time	Time	GMT		
Fair	40%	0	Fuzzy / 3	17:00 -PST	1:00;	3/5/2016-GMT			
T Effort Hours 7:56									
<b>Mar 05 Day 19 of 101</b>									
Quality	CCvr	BR	Horiz / Vis nm	01	10:09 -PST	18:09-GMT			
Poor	100%	3	Indeterminate / 2	S	Gray whale (northbound)	Position: 168° / 2260 m	Direction: West; Behavior: Traveling	Total 1	— 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	02	10:38 -PST	18:38-GMT			
Poor	100%	3	Indeterminate / 2	S	Gray whale (northbound)	Position: 139° / 2749 m	Direction: West; Behavior: Traveling	Total 2	— 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	03	10:54 -PST	18:54-GMT			
Poor	100%	3	Indeterminate / 2	SW	Humpback whale	Position: 174° / 5027 m	Direction: West; Behavior: Traveling	Total 2	— 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	04	11:06 -PST	19:06-GMT			
Poor	100%	3	Indeterminate / 2	S	Gray whale (northbound)	Position: 137° / 2749 m	Direction: West; Behavior: Traveling • Fluke	Total 2	— 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	End Day	11:09 -PST	19:09-GMT			
Not	100%	3	Indeterminate / 2	T	Effort Hours 1:03				
<b>Mar 06 Day 20 of 101</b>									
Quality	CCvr	BR	Horiz / Vis nm	01	09:00 -PST	17:00-GMT			
Poor	0%	4	Fuzzy / 3	S	Gray whale (northbound)	Position: 140° / 2260 m	Direction: West; Behavior: Traveling	Total 2	— 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	02	09:17 -PST	17:17-GMT			
Poor	0%	4	Fuzzy / 3	S	Gray whale (northbound)	Position: 154° / 946 m	Direction: West; Behavior: Traveling	Total 1	— 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	End Day	09:23 -PST	17:23-GMT			
Not	0%	5	Fuzzy / 3	T	Effort Hours 0:23				
<b>Mar 07 Day 21 of 101</b>									
Quality	CCvr	BR	Horiz / Vis nm	01	09:43 -PST	17:43-GMT			
Poor	40%	4	Fuzzy / 2	S	Gray whale (northbound)	Position: 164° / 1922 m	Direction: West; Behavior: Traveling	Total 1	— 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	End Day	09:58 -PST	17:58-GMT			
Not	40%	5	Fuzzy / 2	T	Effort Hours 0:26				
<b>Mar 08 Day 22 of 101</b>									
Quality	CCvr	BR	Horiz / Vis nm	01	09:00 -PST	17:00-GMT			
Good	0%	1	Sharp / 3	S	Gray whale (northbound)	Position: 146° / 3528 m	Direction: West; Behavior: Traveling	Total 1	— 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	02	09:03 -PST	17:03-GMT			
Good	0%	1	Sharp / 3	SO	Southern Sea otter	Position: 149° / 696 m ; Behavior: on back, resting		Total 1	— 0 Pups
Quality	CCvr	BR	Horiz / Vis nm	03	09:04 -PST	17:04-GMT			
Good	0%	1	Sharp / 3	S	Gray whale (northbound)	Position: 155° / 5027 m	Direction: West; Behavior: Traveling	Total 2	— 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	04	09:11 -PST	17:11-GMT			
Good	0%	1	Sharp / 3	S	Gray whale (northbound)	Position: 144° / 3088 m	Direction: West; Behavior: Traveling	Total 1	— 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	05	09:28 -PST	17:28-GMT			
Good	0%	1	Sharp / 3	S	Gray whale (northbound)	Position: 144° / 3088 m	Direction: West; Behavior: Traveling	Total 3	— 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	06	09:33 -PST	17:33-GMT			
Good	0%	1	Sharp / 3	S	Gray whale (northbound)	Position: 176° / 3528 m	Direction: West; Behavior: Traveling	Total 1	— 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	07	09:39 -PST	17:39-GMT			
Good	0%	1	Sharp / 3	S	Gray whale (northbound)	Position: 184° / 5027 m	Direction: West; Behavior: Traveling	Total 1	— 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	08	09:41 -PST	17:41-GMT			
Good	0%	1	Sharp / 3	S	Gray whale (northbound)	Position: 151° / 946 m	Direction: West; Behavior: Traveling • Fluke	Total 1	— 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm	09	10:03 -PST	18:03-GMT		
Good	0%	2	Sharp / 3		S	Gray whale (northbound)	Total 3 — 0 Calves	
						Position: 151° / 3528 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	10	10:16 -PST	18:16-GMT		
Good	0%	2	Sharp / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 155° / 3088 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	11	10:24 -PST	18:24-GMT		
Good	0%	2	Sharp / 3		S	Gray whale (northbound)	Total 3 — 0 Calves	
						Position: 140° / 2260 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	12	10:29 -PST	18:29-GMT		
Good	0%	3	Sharp / 3		S	Gray whale (northbound)	Total 5 — 0 Calves	
						Position: 142° / 3088 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	13	10:54 -PST	18:54-GMT		
Good	0%	3	Sharp / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 147° / 1922 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	14	11:06 -PST	19:06-GMT		
Good	0%	3	Sharp / 3		SW	unidentified large whale	Total 1 — 0 Calves	
						Position: 150° / 5027 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	15	11:08 -PST	19:08-GMT		
Good	0%	3	Sharp / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 140° / 2749 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	16	11:10 -PST	19:10-GMT		
Good	0%	3	Sharp / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 136° / 1922 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	17	11:47 -PST	19:47-GMT		
Good	0%	3	Sharp / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 170° / 3528 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	18	12:26 -PST	20:26-GMT		
Fair	0%	4	Sharp / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 139° / 2749 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	19	12:40 -PST	20:40-GMT		
Fair	0%	4	Sharp / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 141° / 3088 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	End Day	12:44 -PST	20:44-GMT		
Not	0%	5	Sharp / 3		T	Effort Hours 3:44		

Mar 09 Day 23 of 101

Quality	CCvr	Bft	Horiz / Vis nm	01	09:01 -PST	17:01-GMT		
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 159° / 1106 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	02	09:11 -PST	17:11-GMT		
Fair	20%	3	Fuzzy / 3		SO	Southern Sea otter	Total 1 — 0 Pups	
						Position: 174° / 574 m ; Behavior: on back, resting • with gull(s)		
Quality	CCvr	Bft	Horiz / Vis nm	03	09:32 -PST	17:32-GMT		
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 149° / 1922 m Direction: West; Behavior: Traveling • Fluke		
Quality	CCvr	Bft	Horiz / Vis nm	04	09:33 -PST	17:33-GMT		
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 154° / 2749 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	05	09:37 -PST	17:37-GMT		
Fair	20%	3	Fuzzy / 3		SW	unidentified large whale	Total 1 — 0 Calves	
						Position: 162° / 5027 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	06	10:24 -PST	18:24-GMT		
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 179° / 3528 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	07	10:28 -PST	18:28-GMT		
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 174° / 539 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	08	10:58 -PST	18:58-GMT		
Fair	20%	3	Fuzzy / 3		SW	unidentified large whale	Total 1 — 0 Calves	
						Position: 156° / 3088 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	09	11:27 -PST	19:27-GMT		
Fair	20%	3	Fuzzy / 3		SW	Humpback whale	Total 1 — 0 Calves	

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



## 2016 All Sighting Numbers, Raw

Quality Fair	CCvr 20%	Bft 4	Horiz / Vis nm Fuzzy / 3	10	11:37 -PST SW	19:37-GMT Humpback whale Position: 144° / 3088 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 20%	Bft 4	Horiz / Vis nm Fuzzy / 3	11	11:39 -PST S	19:39-GMT Gray whale (northbound) Position: 151° / 3088 m Direction: West; Behavior: Traveling • Fluke	Total 2 — 0 Calves
Quality Fair	CCvr 40%	Bft 4	Horiz / Vis nm Fuzzy / 3	12	12:07 -PST S	20:07-GMT Gray whale (northbound) Position: 154° / 1922 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 20%	Bft 3	Horiz / Vis nm Fuzzy / 3	Va	12:14 -PST V	20:14-GMT Oil services Crew boat Position: 177° / 2260 m Direction: East	
Quality Fair	CCvr 40%	Bft 4	Horiz / Vis nm Fuzzy / 3	13	12:26 -PST S	20:26-GMT Gray whale (northbound) Position: 152° / 2749 m Direction: West; Behavior: Traveling	Total 4 — 0 Calves
Quality Fair	CCvr 40%	Bft 4	Horiz / Vis nm Fuzzy / 3	14	12:32 -PST S	20:32-GMT Gray whale (northbound) Position: 161° / 661 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 40%	Bft 4	Horiz / Vis nm Fuzzy / 3	15	12:46 -PST S	20:46-GMT Gray whale (northbound) Position: 155° / 2749 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Fair	CCvr 40%	Bft 4	Horiz / Vis nm Fuzzy / 3	16	13:14 -PST S	21:14-GMT Gray whale (northbound) Position: 137° / 1483 m Direction: West; Behavior: Traveling	Total 5 — 0 Calves
Quality Fair	CCvr 40%	Bft 4	Horiz / Vis nm Fuzzy / 3	17	13:27 -PST S	21:27-GMT Gray whale (northbound) Position: 182° / 1483 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 60%	Bft 3	Horiz / Vis nm Fuzzy / 3	18	13:30 -PST S	21:30-GMT Gray whale (northbound) Position: 187° / 3088 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 60%	Bft 3	Horiz / Vis nm Fuzzy / 3	19	14:01 -PST S	22:01-GMT Gray whale (northbound) Position: 193° / 3088 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 60%	Bft 3	Horiz / Vis nm Fuzzy / 3	20	14:14 -PST S	22:14-GMT Gray whale (northbound) Position: 163° / 5027 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 60%	Bft 3	Horiz / Vis nm Fuzzy / 3	21	14:35 -PST S	22:35-GMT Gray whale (northbound) Position: 171° / 2260 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Fair	CCvr 60%	Bft 3	Horiz / Vis nm Fuzzy / 3	22	14:40 -PST S	22:40-GMT Gray whale (northbound) Position: 145° / 3528 m Direction: West; Behavior: Traveling • Fluke	Total 3 — 0 Calves
Quality Fair	CCvr 60%	Bft 3	Horiz / Vis nm Fuzzy / 3	23	14:48 -PST S	22:48-GMT Gray whale (northbound) Position: 181° / 2749 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 60%	Bft 3	Horiz / Vis nm Fuzzy / 3	24	14:55 -PST S	22:55-GMT Gray whale (northbound) Position: 157° / 3528 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Quality Fair	CCvr 60%	Bft 3	Horiz / Vis nm Fuzzy / 3	25	14:58 -PST SO	22:58-GMT Southern Sea otter Position: 179° / 382 m Direction: ni; Behavior: on back, feeding	Total 1 — 0 Pups
Quality Fair	CCvr 60%	Bft 3	Horiz / Vis nm Fuzzy / 3	26	15:00 -PST SD	23:00-GMT Images: 1298-13 Bottlenose dolphin Position: 184° / 280 m Direction: West; Behavior: Traveling	Total 2 — 1 Calf
Quality Fair	CCvr 20%	Bft 3	Horiz / Vis nm Fuzzy / 3	27	15:29 -PST SW	23:29-GMT unidentified large whale Position: 147° / 3528 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 20%	Bft 3	Horiz / Vis nm Fuzzy / 3	28	16:27 -PST SO	0:27; 3/10/2016-GMT Southern Sea otter Position: 114° / 1106 m ; Behavior: on back, resting	Total 1 — 0 Pups
Quality Fair	CCvr 20%	Bft 3	Horiz / Vis nm Fuzzy / 3	29	16:53 -PST SW	0:53; 3/10/2016-GMT unidentified large whale Position: 197° / 2749 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality CCvr Bft Horiz / Vis nm  
 Fair 20% 3 Fuzzy / 3  
 End Day 17:00 -PST 1:00; 3/10/2016-GMT  
 T Effort Hours 8:00

**Mar 10** Day 24 of 101

Quality	CCvr	Bft	Horiz / Vis nm				
Fair	0%	1	Fuzzy / 3	01	09:00 -PST	17:00-GMT	
					SO	Southern Sea otter	Total 1 — 0 Pups
						Position: 170° / 574 m Direction: West; Behavior: on back, feeding • with quill(s)	
Fair	0%	1	Fuzzy / 3	02	09:19 -PST	17:19-GMT	
					SD	Bottlenose dolphin	Total 3 — 0 Calves
						Position: 216° / 913 m Direction: East; Behavior: Traveling	
Fair	0%	1	Fuzzy / 3	03	09:20 -PST	17:20-GMT	
					SD	Common dolphin, species not determined	Total ~30 — Calves not determined
						Position: 211° / 1483 m Direction: East; Behavior: Traveling	
Fair	20%	1	Fuzzy / 3	04	09:42 -PST	17:42-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 144° / 2260 m Direction: West; Behavior: Traveling • Fluke	
Fair	20%	1	Fuzzy / 3	05	09:45 -PST	17:45-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 151° / 382 m Direction: East; Behavior: Traveling	
Fair	20%	1	Fuzzy / 3	06	09:52 -PST	17:52-GMT	
					S	Gray whale (northbound)	Total 5 — 0 Calves
						Position: 138° / 2749 m Direction: West; Behavior: Traveling	
Fair	20%	1	Fuzzy / 3	07	10:20 -PST	18:20-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 151° / 1483 m Direction: West; Behavior: Traveling	
Fair	20%	1	Fuzzy / 3	08	10:21 -PST	18:21-GMT	
					S	Gray whale (northbound)	Total 3 — 0 Calves
						Position: 147° / 2749 m Direction: West; Behavior: Traveling	
Fair	20%	1	Fuzzy / 3	09	10:22 -PST	18:22-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 141° / 1674 m Direction: West; Behavior: Traveling	
Fair	60%	3	Fuzzy / 3	Va	10:36 -PST	18:36-GMT	
					V	Private Sportfishing	
						Position: 152° / 1674 m Direction: West	
Fair	40%	1	Fuzzy / 3	10	10:41 -PST	18:41-GMT	
					SW	unidentified large whale	Total 1 — 0 Calves
						Position: 182° / 5027 m Direction: West; Behavior: Traveling	
Fair	60%	1	Fuzzy / 3	11	11:00 -PST	19:00-GMT	
					S	Gray whale (northbound)	Total 3 — 0 Calves
						Position: 140° / 3088 m Direction: West; Behavior: Traveling	
Fair	60%	1	Fuzzy / 3	12	11:02 -PST	19:02-GMT	
					S	Gray whale (northbound)	Total 3 — 0 Calves
						Position: 138° / 3528 m Direction: West; Behavior: Traveling	
Fair	60%	1	Fuzzy / 3	13	11:03 -PST	19:03-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 140° / 1106 m Direction: West; Behavior: Traveling	
Fair	60%	1	Fuzzy / 3	14	11:17 -PST	19:17-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 138° / 1922 m Direction: West; Behavior: Traveling	
Fair	60%	1	Fuzzy / 3	15	11:20 -PST	19:20-GMT	
					SD	Bottlenose dolphin	Total 5 — 0 Calves
						Position: 219° / 183 m Direction: West; Behavior: Traveling	
Fair	60%	1	Fuzzy / 3	16	11:21 -PST	19:21-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 139° / 3528 m Direction: West; Behavior: Traveling	
Fair	80%	0	Fuzzy / 3	17	11:46 -PST	19:46-GMT	
					SD	Bottlenose dolphin	Total 7 — 0 Calves
						Position: 184° / 778 m Direction: East; Behavior: Foraging	
Fair	80%	1	Fuzzy / 3	18	12:59 -PST	20:59-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 146° / 1674 m Direction: West; Behavior: Traveling	
Fair	60%	3	Fuzzy / 3	19	13:42 -PST	21:42-GMT	
					S	Gray whale (northbound)	Total 5 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	0	Fuzzy / 3	01	09:07 -PDT	16:07-GMT
				SD	Common dolphin, species not determined Total ~30 — Calves not determined	
					Position: 222° / 1331 m Direction: West; Behavior: Parade Line • Leap	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	0	Fuzzy / 3	02	09:21 -PDT	16:21-GMT
				SP	Harbor seal Total 1 — 0 Pups	
					Position: 111° / 735 m Direction: West; Behavior: Diving	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	0	Fuzzy / 3	03	09:26 -PDT	16:26-GMT
				SP	Harbor seal Total 1 — 0 Pups	
					Position: 109° / 1674 m ; Behavior: in large group	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	0	Fuzzy / 3	04	09:27 -PDT	16:27-GMT
				SO	Southern Sea otter Total 1 — 0 Pups	
					Position: 131° / 678 m ; Behavior: on back, feeding • with gull(s)	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	0	Fuzzy / 3	05	09:34 -PDT	16:34-GMT
				S	Gray whale (northbound) Total 2 — 0 Calves	
					Position: 120° / 2260 m Direction: West; Behavior: Traveling • Fluke	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	0	Fuzzy / 3	06	09:59 -PDT	16:59-GMT
				S	Gray whale (northbound) Total 1 — 0 Calves	
					Position: 129° / 1922 m Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	60%	0	Fuzzy / 3	07	10:20 -PDT	17:20-GMT
				SD	Common dolphin, species not determined Total ~500 — Calves not determined	
					Position: 134° / 2749 m Direction: West; Behavior: Traveling • Foraging	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	60%	0	Fuzzy / 3	08	10:29 -PDT	17:29-GMT
				S	Gray whale (northbound) Total 4 — 0 Calves	
					Position: 142° / 1922 m Direction: West; Behavior: Traveling • Fluke	
Quality	CCvr	Bft	Horiz / Vis nm			
Poor	80%	4	Fuzzy / 3	09	12:14 -PDT	19:14-GMT
				S	Gray whale (northbound) Total 1 — 0 Calves	
					Position: 147° / 946 m Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	60%	3	Fuzzy / 3	10	13:53 -PDT	20:53-GMT
				S	Gray whale (northbound) Total 2 — 0 Calves	
					Position: 143° / 3088 m Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	60%	3	Fuzzy / 3	11	14:00 -PDT	21:00-GMT
				S	Gray whale (northbound) Total 4 — 0 Calves	
					Position: 140° / 2260 m Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	60%	3	Fuzzy / 3	12	14:04 -PDT	21:04-GMT
				S	Gray whale (northbound) Total 1 — 0 Calves	
					Position: 159° / 5027 m Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	60%	3	Fuzzy / 3	13	15:04 -PDT	22:04-GMT
				SP	Harbor seal Total 1 — 0 Pups	
					Position: 148° / 347 m Direction: West; Behavior: Diving	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	40%	4	Fuzzy / 3	14	15:16 -PDT	22:16-GMT
				S	Gray whale (northbound) Total 1 — 0 Calves	
					Position: 163° / 2749 m Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	40%	4	Fuzzy / 3	15	15:35 -PDT	22:35-GMT
				S	Gray whale (northbound) Total 5 — 0 Calves	
					Position: 167° / 2749 m Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	3	Fuzzy / 3	End Day	17:00 -PDT	0:00: 3/14/2016-GMT
					T Effort Hours 8:00	

Mar 14 Day 28 of 101

Quality	CCvr	Bft	Horiz / Vis nm			
Not	0%	5	Fuzzy / 3	End Day	09:24 -PDT	16:24-GMT
					T Effort Hours 0:24	
Quality	CCvr	Bft	Horiz / Vis nm			
Not	0%	5	Fuzzy / 3	01	09:31 -PDT	16:31-GMT Images: none
				Off-Effort	S	Gray whale (northbound) Total 1 — 0 Calves
					Position: 128° / 1403 m Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm			
Not	0%	5	Fuzzy / 3	02	09:36 -PDT	16:36-GMT
				Off-Effort	S	Gray whale (northbound) Total 2 — 0 Calves
					Position: 138° / 1674 m Direction: West; Behavior: Traveling	

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Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	01	09:03 -PDT	16:03-GMT
				SP	Harbor seal Total 1 — 0 Pups	
					Position: 149° / 447 m Direction: West; Behavior: Traveling • Diving	

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

## 2016 All Sighting Numbers, Raw

Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	02	09:05 -PDT	16:05-GMT	S	Gray whale (northbound) Position: 129° / 1331 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	03	09:18 -PDT	16:18-GMT	SD	Common dolphin, species not determined Position: 194° / 3088 m Direction: West; Behavior: Traveling	Total ~25 — Calves not determined
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	04	10:16 -PDT	17:16-GMT	S	Gray whale (northbound) Position: 143° / 1674 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	05	10:38 -PDT	17:38-GMT	S	Gray whale (northbound) Position: 137° / 3088 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	06	10:56 -PDT	17:56-GMT	S	Gray whale (northbound) Position: 139° / 3528 m Direction: West; Behavior: Traveling • Fluke • Rolling	Total 4 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	07	11:11 -PDT	18:11-GMT	S	Gray whale (northbound) Position: 138° / 1403 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	08	11:44 -PDT	18:44-GMT	SD	Common dolphin, species not determined Position: 204° / 913 m Direction: Circling; Behavior: Foraging	Total ~30 — Calves not determined
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	09	12:00 -PDT	19:00-GMT	SW	Humpback whale Position: 184° / 3528 m Direction: East; Behavior: Traveling • Fluke	Total 1 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	10	12:18 -PDT	19:18-GMT	SP	Harbor seal Position: 176° / 388 m Direction: West; Behavior: Traveling • Diving	Total 1 — 0 Pups
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	11	12:28 -PDT	19:28-GMT	S	Gray whale (northbound) Position: 134° / 1403 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	12	12:30 -PDT	19:30-GMT	SW	unidentified large whale Position: 137° / 3088 m Direction: nd; Behavior: Traveling	Total 1 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	13	12:52 -PDT	19:52-GMT	SW	unidentified large whale Position: 195° / 1674 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	14	13:20 -PDT	20:20-GMT	SD	Common dolphin, species not determined Position: 180° / 1483 m Direction: Circling; Behavior: Traveling	Total ~20 — Calves not determined
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	15	13:39 -PDT	20:39-GMT	S	Gray whale (northbound) Position: 157° / 696 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	16	13:51 -PDT	20:51-GMT	SW	unidentified large whale Position: 146° / 2260 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	17	14:21 -PDT	21:21-GMT	SP	Harbor seal Position: 128° / 913 m Direction: North; Behavior: Traveling	Total 1 — 0 Pups
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	18	16:12 -PDT	23:12-GMT	S	Gray whale (northbound) Position: 188° / 2260 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	19	16:18 -PDT	23:18-GMT	S	Gray whale (northbound) Position: 135° / 1106 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	20	16:33 -PDT	23:33-GMT	S	Gray whale (northbound) Position: 144° / 3088 m Direction: West; Behavior: Traveling • Fluke	Total 2 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	21	16:40 -PDT	23:40-GMT	SD	Pacific White-sided dolphin Position: 174° / 778 m Direction: East; Behavior: Traveling	Total 20 — 0 Calves
Quality Good	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	22	16:41 -PDT	23:41-GMT	S	Gray whale (northbound) Position: 150° / 1403 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality CCvr Bft Horiz / Vis nm  
Good 0% 0 Fuzzy / 3

End Day 17:00 -PDT 0:00; 3/16/2016-GMT  
T Effort Hours 8:00

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Quality CCvr Bft Horiz / Vis nm  
Fair 0% 0 Fuzzy / 2

01 09:24 -PDT 16:24-GMT  
S Gray whale (northbound) Total 3 — 0 Calves  
Position: 135° / 2749 m Direction: West; Behavior: Traveling • Fluke

Quality CCvr Bft Horiz / Vis nm  
Fair 0% 0 Fuzzy / 2

02 09:33 -PDT 16:33-GMT Images: 1466-7  
S Gray whale (northbound) Total 2 — 0 Calves  
Position: 115° / 1674 m Direction: West; Behavior: Traveling

Quality CCvr Bft Horiz / Vis nm  
Fair 0% 0 Fuzzy / 2

03 10:13 -PDT 17:13-GMT  
S Gray whale (northbound) Total 5 — 0 Calves  
Position: 129° / 1674 m Direction: West; Behavior: Traveling • Rolling

Quality CCvr Bft Horiz / Vis nm  
Good 0% 1 Fuzzy / 3

Va 10:31 -PDT 17:31-GMT  
V Touring Whale watching Condor Express  
Position: 159° / 1483 m Direction: West

Quality CCvr Bft Horiz / Vis nm  
Fair 0% 0 Fuzzy / 2

04 10:40 -PDT 17:40-GMT  
SD Pacific White-sided dolphin Total 7 — 0 Calves  
Position: 189° / 696 m Direction: East; Behavior: Traveling

Quality CCvr Bft Horiz / Vis nm  
Fair 0% 0 Fuzzy / 2

05 11:00 -PDT 18:00-GMT Images: 1468-84  
S Gray whale (northbound) Total 1 — 0 Calves  
Position: 142° / 696 m Direction: West; Behavior: Traveling

Quality CCvr Bft Horiz / Vis nm  
Fair 0% 0 Fuzzy / 2

06 11:14 -PDT 18:14-GMT  
S Gray whale (northbound) Total 4 — 0 Calves  
Position: 134° / 2260 m Direction: West; Behavior: Traveling

Quality CCvr Bft Horiz / Vis nm  
Fair 0% 0 Fuzzy / 2

07 11:17 -PDT 18:17-GMT  
SP Harbor seal Total 1 — 0 Pups  
Position: 150° / 293 m Direction: East; Behavior: Diving • Resting, horizontal

Quality CCvr Bft Horiz / Vis nm  
Fair 0% 0 Fuzzy / 2

08 11:30 -PDT 18:30-GMT  
S Gray whale (northbound) Total 1 — 0 Calves  
Position: 122° / 1331 m Direction: West; Behavior: Traveling

Quality CCvr Bft Horiz / Vis nm  
Fair 0% 0 Fuzzy / 2

09 11:46 -PDT 18:46-GMT  
S Gray whale (northbound) Total 1 — 0 Calves  
Position: 135° / 1483 m Direction: West; Behavior: Traveling

Quality CCvr Bft Horiz / Vis nm  
Fair 0% 0 Fuzzy / 2

10 11:47 -PDT 18:47-GMT  
S Gray whale (northbound) Total 2 — 0 Calves  
Position: 137° / 3088 m Direction: West; Behavior: Traveling

Quality CCvr Bft Horiz / Vis nm  
Fair 0% 0 Fuzzy / 2

11 12:06 -PDT 19:06-GMT  
S Gray whale (northbound) Total 2 — 0 Calves  
Position: 156° / 1922 m Direction: West; Behavior: Traveling

Quality CCvr Bft Horiz / Vis nm  
Good 0% 0 Fuzzy / 3

12 12:37 -PDT 19:37-GMT  
S Gray whale (northbound) Total 3 — 0 Calves  
Position: 120° / 3528 m Direction: West; Behavior: Traveling • Fluke

Quality CCvr Bft Horiz / Vis nm  
Good 0% 0 Fuzzy / 3

13 13:27 -PDT 20:27-GMT  
SD Bottlenose dolphin Total 3 — 0 Calves  
Position: 155° / 678 m Direction: East; Behavior: Traveling

Quality CCvr Bft Horiz / Vis nm  
Good 0% 0 Fuzzy / 3

14 13:56 -PDT 20:56-GMT  
S Gray whale (northbound) Total 1 — 0 Calves  
Position: 167° / 946 m Direction: West; Behavior: Traveling

Quality CCvr Bft Horiz / Vis nm  
Good 0% 1 Fuzzy / 3

Vb 14:00 -PDT 21:00-GMT  
V Fish Commercial Lobster/Crab L38284  
Position: 164° / 946 m Direction: West

Quality CCvr Bft Horiz / Vis nm  
Good 0% 1 Fuzzy / 3

15 14:16 -PDT 21:16-GMT  
S Gray whale (northbound) Total 2 — 0 Calves  
Position: 129° / 1674 m Direction: West; Behavior: Traveling

Quality CCvr Bft Horiz / Vis nm  
Good 0% 1 Fuzzy / 3

16 14:29 -PDT 21:29-GMT  
SW unidentified large whale Total 1 — 0 Calves  
Position: 187° / 3528 m Direction: West; Behavior: Traveling

Quality CCvr Bft Horiz / Vis nm  
Good 0% 1 Fuzzy / 3

17 14:30 -PDT 21:30-GMT  
SD Common dolphin, species not determined Total ~100 — Calves not determined  
Position: 189° / 3528 m Direction: East; Behavior: Traveling

Quality CCvr Bft Horiz / Vis nm  
Good 0% 1 Fuzzy / 3

18 14:37 -PDT 21:37-GMT  
SD Bottlenose dolphin Total 10 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	Va	13:49 -PDT	20:49-GMT
				V		Private Sportfishing
						Position: 146° / 2260 m Direction: Circling
Quality	CCvr	Bft	Horiz / Vis nm	15	13:52 -PDT	20:52-GMT
Good	0%	1	Fuzzy / 3	S		Gray whale (northbound)
						Position: 170° / 778 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	16	14:10 -PDT	21:10-GMT
Good	0%	1	Fuzzy / 3	S		Gray whale (northbound)
						Position: 130° / 778 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	17	15:23 -PDT	22:23-GMT
Good	0%	1	Fuzzy / 3	SD		Bottlenose dolphin
						Position: 123° / 1483 m Direction: West; Behavior: Traveling
						Total 4 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	18	15:25 -PDT	22:25-GMT
Good	0%	1	Fuzzy / 3	SD		Pacific White-sided dolphin
						Position: 193° / 883 m Direction: East; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	19	15:32 -PDT	22:32-GMT
Good	0%	1	Fuzzy / 3	S		Gray whale (northbound)
						Position: 120° / 2260 m Direction: West; Behavior: Traveling
						Total 3 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	20	15:37 -PDT	22:37-GMT
Good	0%	1	Fuzzy / 3	S		Gray whale (northbound)
						Position: 121° / 1922 m Direction: West; Behavior: Traveling
						Total 3 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	21	16:29 -PDT	23:29-GMT
Fair	0%	0	Fuzzy / 3	S		Gray whale (northbound)
						Position: 201° / 600 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	22	16:43 -PDT	23:43-GMT
Fair	0%	0	Fuzzy / 3	SD		Pacific White-sided dolphin
						Position: 129° / 1922 m ; Behavior: Foraging • Leap
						Total 4 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	End Day	17:00 -PDT	0:00; 3/18/2016-GMT
Fair	0%	0	Fuzzy / 3	T		Effort Hours 8:00

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Quality	CCvr	Bft	Horiz / Vis nm	01	09:06 -PDT	16:06-GMT
Poor	100%	0	Fuzzy / 2	SP		Harbor seal
						Position: 110° / 1483 m ; Behavior: Foraging • in large group
						Total 3 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm	02	09:16 -PDT	16:16-GMT
Poor	100%	0	Fuzzy / 2	SD		Pacific White-sided dolphin
						Position: 153° / 1331 m Direction: Circling; Behavior: Foraging
						Total 8 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	03	09:21 -PDT	16:21-GMT
Poor	100%	0	Fuzzy / 2	SD		Pacific White-sided dolphin
						Position: 124° / 2260 m Direction: West; Behavior: Traveling • Leap
						Total 25 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	04	09:27 -PDT	16:27-GMT
Poor	100%	0	Fuzzy / 2	SD		Pacific White-sided dolphin
						Position: 165° / 735 m Direction: West; Behavior: Traveling
						Total 4 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	05	09:59 -PDT	16:59-GMT
Poor	100%	0	Fuzzy / 2	SO		Southern Sea otter
						Position: 138° / 661 m Direction: East; Behavior: on back, feeding
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm	06	10:15 -PDT	17:15-GMT
Poor	100%	0	Fuzzy / 2	SO		Southern Sea otter
						Position: 170° / 194 m Direction: West; Behavior: Swimming • Diving • Interacting
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm	07	10:22 -PDT	17:22-GMT
Fair	100%	0	Fuzzy / 2	SD		Pacific White-sided dolphin
						Position: 237° / 600 m Direction: Circling; Behavior: Foraging • Leap
						Total 6 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	08	10:27 -PDT	17:27-GMT
Fair	100%	0	Fuzzy / 2	S		Gray whale (northbound)
						Position: 153° / 1922 m Direction: West; Behavior: Traveling • Fluke
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	09	10:45 -PDT	17:45-GMT
Fair	100%	0	Fuzzy / 2	S		Gray whale (northbound)
						Position: 159° / 1674 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	10	10:48 -PDT	17:48-GMT
Fair	100%	0	Fuzzy / 2	S		Gray whale (northbound)
						Position: 198° / 508 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	11	11:27 -PDT	18:27-GMT
Fair	100%	0	Fuzzy / 2	SD		Pacific White-sided dolphin
						Total 15 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



2016 All Sighting Numbers, Raw

Quality	CCvr	Brt	Horiz / Vis nm						
Fair	20%	0	Indeterminate / 2	12	13:16 -PDT	20:16-GMT	SD	Pacific White-sided dolphin Position: 124° / 1674 m Direction: East; Behavior: Traveling	Total 5 — 0 Calves
Fair	20%	0	Indeterminate / 2	13	13:22 -PDT	20:22-GMT	S	Gray whale (northbound) Position: 177° / 3528 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Fair	20%	3	Indeterminate / 2	14	14:20 -PDT	21:20-GMT	SW	Gray whale (southbound) Position: 214° / 778 m Direction: East; Behavior: Traveling • Rolling • Spyhop	Total 2 — 0 Calves
Fair	20%	3	Indeterminate / 2	15	14:32 -PDT	21:32-GMT	S	Gray whale (northbound) Position: 130° / 1674 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Fair	0%	3	Indeterminate / 2	16	14:39 -PDT	21:39-GMT	S	Gray whale (northbound) Position: 138° / 2749 m Direction: West; Behavior: Traveling • Fluke	Total 3 — 0 Calves
Fair	0%	4	Indeterminate / 3	17	16:02 -PDT	23:02-GMT	S	Gray whale (northbound) Position: 137° / 2260 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Fair	0%	3	Indeterminate / 3	18	16:28 -PDT	23:28-GMT	S	Gray whale (northbound) Position: 166° / 1331 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Fair	0%	2	Indeterminate / 3	End Day	17:00 -PDT	0:00; 3/19/2016-GMT	T	Effort Hours 8:00	

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Poor	100%	0	Fuzzy / 2	01	09:07 -PDT	16:07-GMT	SO	Southern Sea otter Position: 168° / 574 m ; Behavior: on back, resting • with quill(s)	Total 1 — 0 Pups
Poor	100%	0	Fuzzy / 2	02	09:09 -PDT	16:09-GMT	SD	Pacific White-sided dolphin Position: 195° / 778 m Direction: East; Behavior: Traveling • Leap	Total 6 — 0 Calves
Poor	100%	0	Fuzzy / 2	03	09:32 -PDT	16:32-GMT	SO	Southern Sea otter Position: 124° / 696 m Direction: East; Behavior: Swimming	Total 1 — 0 Pups
Poor	100%	0	Fuzzy / 2	04	10:17 -PDT	17:17-GMT	S	Gray whale (northbound) Position: 176° / 600 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Poor	100%	0	Fuzzy / 2	05	10:30 -PDT	17:30-GMT	SW	Humpback whale Position: 199° / 2260 m Direction: East; Behavior: Traveling • Fluke	Total 1 — 0 Calves
Poor	100%	0	Fuzzy / 2	06	10:37 -PDT	17:37-GMT	SD	Pacific White-sided dolphin Position: 161° / 778 m Direction: West; Behavior: Traveling	Total 6 — 0 Calves
Poor	100%	0	Fuzzy / 2	07	10:44 -PDT	17:44-GMT	SO	Southern Sea otter Position: 265° / 212 m ; Behavior: on back, resting • with quill(s)	Total 1 — 0 Pups
Poor	100%	0	Fuzzy / 2	08	10:45 -PDT	17:45-GMT	SO	Southern Sea otter Position: 118° / 1331 m ; Behavior: on back, resting	Total 1 — 0 Pups
Poor	100%	0	Fuzzy / 2	09	11:47 -PDT	18:47-GMT	S	Gray whale (northbound) Position: 164° / 661 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Poor	100%	0	Fuzzy / 2	10	11:55 -PDT	18:55-GMT	S	Gray whale (northbound) Position: 196° / 827 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Poor	100%	0	Fuzzy / 2	11	12:18 -PDT	19:18-GMT	S	Gray whale (northbound) Position: 146° / 1403 m Direction: West; Behavior: Traveling • Fluke	Total 2 — 0 Calves
Poor	100%	0	Fuzzy / 2	12	12:43 -PDT	19:43-GMT	SD	Pacific White-sided dolphin Position: 276° / 735 m Direction: East; Behavior: Traveling	Total 15 — 0 Calves
Poor	100%	0	Fuzzy / 2	13	13:52 -PDT	20:52-GMT	S	Gray whale (northbound)	Total 1 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm				
Poor	100%	0	Fuzzy / 2	14	14:37 -PDT	21:37-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 133° / 1483 m Direction: West; Behavior: Traveling	
Poor	100%	0	Fuzzy / 2	15	15:02 -PDT	22:02-GMT	
					SD	Pacific White-sided dolphin	Total 10 — 0 Calves
						Position: 156° / 1106 m Direction: West; Behavior: Traveling	
Poor	100%	0	Fuzzy / 2	16	15:34 -PDT	22:34-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 137° / 1922 m Direction: West; Behavior: Traveling	
Poor	100%	2	Fuzzy / 2	Va	15:38 -PDT	22:38-GMT	
					V	Private Sportfishing Boston Whaler	
						Position: 148° / 1922 m Direction: East	
Poor	100%	0	Fuzzy / 2	17	16:02 -PDT	23:02-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 111° / 2260 m Direction: West; Behavior: Traveling	
Poor	100%	2	Fuzzy / 2	18	16:44 -PDT	23:44-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 134° / 1922 m Direction: West; Behavior: Traveling	
Poor	100%	2	Fuzzy / 2	End Day	17:00 -PDT	0:00; 3/20/2016-GMT	
					T	Effort Hours 8:00	

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Quality	CCvr	Bft	Horiz / Vis nm				
Poor	100%	0	Indeterminate / 1.5	01	09:13 -PDT	16:13-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 182° / 160 m Direction: East; Behavior: Diving	
Poor	100%	0	Indeterminate / 1.5	02	09:30 -PDT	16:30-GMT	
					SD	Pacific White-sided dolphin	Total 10 — 0 Calves
						Position: 129° / 2260 m Direction: West; Behavior: Traveling	
Poor	100%	0	Indeterminate / 1.5	03	09:40 -PDT	16:40-GMT	
					SD	Common dolphin, species not determined	Total ~500 — Calves not determined
						Position: 184° / 1106 m Direction: West; Behavior: Traveling	
Poor	100%	0	Indeterminate / 1.5	04	09:48 -PDT	16:48-GMT	
					SO	Southern Sea otter	Total 1 — 0 Pups
						Position: 224° / 550 m Direction: East; Behavior: Swimming • Diving	
Poor	100%	0	Indeterminate / 1.5	05	10:35 -PDT	17:35-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 168° / 1674 m Direction: West; Behavior: Traveling	
Poor	100%	0	Indeterminate / 1.5	06	10:51 -PDT	17:51-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 158° / 1674 m Direction: West; Behavior: Traveling	
Poor	100%	0	Indeterminate / 1.5	07	11:26 -PDT	18:26-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 141° / 1020 m Direction: West; Behavior: Traveling	
Poor	100%	0	Indeterminate / 1.5	08	11:33 -PDT	18:33-GMT	
					SD	Pacific White-sided dolphin	Total 5 — 0 Calves
						Position: 205° / 946 m Direction: East; Behavior: Traveling	
Poor	100%	0	Indeterminate / 1.5	09	11:41 -PDT	18:41-GMT	
					SD	Bottlenose dolphin	Total 3 — 0 Calves
						Position: 209° / 253 m Direction: East; Behavior: Traveling	
Poor	100%	0	Indeterminate / 1.5	10	11:45 -PDT	18:45-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 196° / 600 m Direction: West; Behavior: Traveling	
Poor	100%	0	Indeterminate / 1.5	11	12:04 -PDT	19:04-GMT	
					SP	California sea lion	
						Position: 166° / 600 m ; Behavior: in large group	
Poor	100%	0	Indeterminate / 1.5	12	12:06 -PDT	19:06-GMT	
					SP	California sea lion	
						Position: 139° / 40 m	
Poor	100%	0	Indeterminate / 1.7	13	12:14 -PDT	19:14-GMT	
					SD	Pacific White-sided dolphin	Total 10 — 0 Calves
						Position: 169° / 778 m Direction: West; Behavior: Traveling • Leap	
Poor	100%	0	Indeterminate / 1.7	14	12:39 -PDT	19:39-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Brt	Horiz / Vis nm						
Poor	100%	0	Indeterminate / 2	15	14:17 -PDT	21:17-GMT	S	Gray whale (northbound) Position: 159° / 1208 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Poor	100%	0	Indeterminate / 2	16	14:32 -PDT	21:32-GMT	S	Gray whale (northbound) Position: 166° / 3528 m Direction: West; Behavior: Traveling • Fluke	Total 3 — 0 Calves
Poor	100%	0	Indeterminate / 2	17	14:38 -PDT	21:38-GMT	SD	Bottlenose dolphin Position: 170° / 1106 m Direction: East; Behavior: Traveling	Total 5 — 0 Calves
Fair	100%	0	Fuzzy / 3	18	15:16 -PDT	22:16-GMT	SD	Common dolphin, species not determined Position: 166° / 1922 m Direction: West; Behavior: Parade Line	Total ~500 — Calves not determined
Fair	80%	0	Fuzzy / 3	19	15:41 -PDT	22:41-GMT	SD	Images: 1689-96 Bottlenose dolphin Position: 234° / 206 m Direction: East; Behavior: Traveling	Total 6 — 1 Calf
Fair	60%	0	Fuzzy / 3	20	15:50 -PDT	22:50-GMT	SD	Bottlenose dolphin Position: 198° / 280 m Direction: East; Behavior: Traveling	Total 4 — 0 Calves
Fair	60%	0	Fuzzy / 3	21	15:54 -PDT	22:54-GMT	SD	Pacific White-sided dolphin Position: 159° / 946 m Direction: East; Behavior: Traveling	Total 5 — 0 Calves
Fair	60%	0	Fuzzy / 3	22	16:04 -PDT	23:04-GMT	S	Gray whale (northbound) Position: 134° / 2260 m Direction: West; Behavior: Traveling • Fluke	Total 2 — 0 Calves
Fair	40%	0	Fuzzy / 3	23	16:36 -PDT	23:36-GMT	S	Images: 1699-1773 Gray whale (northbound) Position: 136° / 629 m Direction: West; Behavior: Traveling	Total 2 — 1 Calf
Fair	40%	0	Fuzzy / 3	End Day	17:00 -PDT	0:00; 3/21/2016-GMT	T	Effort Hours 8:00	

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Fair	20%	0	Fuzzy / 3	01	09:11 -PDT	16:11-GMT	SO	Southern Sea otter Position: 211° / 447 m ; Behavior: on back, feeding	Total 1 — 0 Pups
Fair	20%	0	Fuzzy / 3	02	09:13 -PDT	16:13-GMT	SP	Harbor seal Position: 110° / 1483 m ; Behavior: in large group	Total 1 — 0 Pups
Fair	20%	0	Fuzzy / 3	03	09:15 -PDT	16:15-GMT	SD	Pacific White-sided dolphin Position: 171° / 946 m Direction: East; Behavior: Traveling	Total 5 — 0 Calves
Fair	20%	0	Fuzzy / 3	04	09:30 -PDT	16:30-GMT	SD	Pacific White-sided dolphin Position: 244° / 696 m Direction: East; Behavior: Traveling	Total 10 — 0 Calves
Fair	20%	0	Fuzzy / 3	05	09:40 -PDT	16:40-GMT	SD	Pacific White-sided dolphin Position: 147° / 1106 m Direction: Circling; Behavior: Traveling • Leap	Total 15 — 0 Calves
Fair	20%	0	Fuzzy / 3	06	09:44 -PDT	16:44-GMT	SD	Bottlenose dolphin Position: 145° / 338 m Direction: West; Behavior: Traveling	Total 5 — 1 Calf
Fair	20%	0	Fuzzy / 3	07	10:05 -PDT	17:05-GMT	SD	Bottlenose dolphin Position: 124° / 356 m Direction: West; Behavior: Traveling	Total 5 — 1 Calf
Fair	20%	0	Fuzzy / 3	08	10:07 -PDT	17:07-GMT	S	Gray whale (northbound) Position: 122° / 2260 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Good	40%	0	Fuzzy / 3	09	11:08 -PDT	18:08-GMT	SD	Bottlenose dolphin Position: 144° / 678 m Direction: West; Behavior: Traveling	Total 4 — 0 Calves
Good	60%	0	Fuzzy / 3	10	11:33 -PDT	18:33-GMT	S	Gray whale (northbound) Position: 144° / 1483 m Direction: West; Behavior: Traveling	Total 3 — 0 Calves
Good	80%	2	Fuzzy / 3	11	11:53 -PDT	18:53-GMT	SD	Bottlenose dolphin	Total 3 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	4	Fuzzy / 3	12	12:47 -PDT	19:47-GMT
					SD	Bottlenose dolphin
						Position: 205° / 356 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	4	Fuzzy / 3	13	13:15 -PDT	20:15-GMT
					S	Gray whale (northbound)
						Position: 116° / 2749 m Direction: West; Behavior: Traveling
						Total 4 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	4	Fuzzy / 3	14	13:31 -PDT	20:31-GMT
					S	Gray whale (northbound)
						Position: 126° / 1922 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm	End Day	13:41 -PDT	20:41-GMT
Not	80%	5	Fuzzy / 3		T	Effort Hours 4:41

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Quality	CCvr	Bft	Horiz / Vis nm			
Not	0%	5	Sharp / 3	End Day	09:00 -PDT	16:00-GMT
					T	Effort Hours 0:00

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Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	01	08:54 -PDT	15:54-GMT
					S	Gray whale (northbound)
						Position: 214° / 528 m Direction: West; Behavior: Traveling
						Total 4 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	02	08:59 -PDT	15:59-GMT
					S	Gray whale (northbound)
						Position: 142° / 946 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	03	09:03 -PDT	16:03-GMT
					SO	Southern Sea otter
						Position: 148° / 735 m ; Behavior: on back, resting
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	04	09:25 -PDT	16:25-GMT
					SO	Southern Sea otter
						Position: 172° / 489 m ; Behavior: on back, resting • Diving
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	1	Fuzzy / 3	05	10:55 -PDT	17:55-GMT
					S	Gray whale (northbound)
						Position: 128° / 3088 m Direction: West; Behavior: Traveling • Fluke
						Total 3 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	1	Fuzzy / 3	06	11:40 -PDT	18:40-GMT
					S	Gray whale (northbound)
						Position: 117° / 2260 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	1	Fuzzy / 3	07	11:48 -PDT	18:48-GMT
					S	Gray whale (northbound)
						Position: 117° / 2749 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Sharp / 3	08	12:25 -PDT	19:25-GMT
					S	Gray whale (northbound)
						Position: 177° / 1106 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Sharp / 3	09	12:39 -PDT	19:39-GMT
					S	Gray whale (northbound)
						Position: 156° / 2749 m Direction: West; Behavior: Traveling • Fluke
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Sharp / 3	10	13:17 -PDT	20:17-GMT
					S	Gray whale (northbound)
						Position: 142° / 3528 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Sharp / 3	11	13:26 -PDT	20:26-GMT
					S	Gray whale (northbound)
						Position: 169° / 3088 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	2	Sharp / 3	12	14:00 -PDT	21:00-GMT
					S	Gray whale (northbound)
						Position: 113° / 1922 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	2	Sharp / 3	13	14:14 -PDT	21:14-GMT
					S	Gray whale (northbound)
						Position: 141° / 3528 m Direction: West; Behavior: Traveling
						Total 4 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	2	Sharp / 3	14	14:54 -PDT	21:54-GMT
					S	Gray whale (northbound)
						Position: 153° / 1106 m Direction: West; Behavior: Traveling • Fluke
						Total 4 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	20%	0	Fuzzy / 3	15	15:48 -PDT	22:48-GMT
					S	Gray whale (northbound)
						Position: 156° / 913 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	BR	Horiz / Vis nm			
Good	20%	0	Fuzzy / 3	16	16:08 -PDT	23:08-GMT
					S	Gray whale (northbound)
						Position: 170° / 778 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Good	20%	0	Fuzzy / 3	17	16:32 -PDT	23:32-GMT
					SP	Harbor seal
						Position: 181° / 508 m Direction: West; Behavior: Traveling
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm			
Good	20%	0	Fuzzy / 3	End Day	17:00 -PDT	0:00; 3/24/2016-GMT
					T	Effort Hours 8:06

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Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	01	08:56 -PDT	15:56-GMT
					SO	Southern Sea otter
						Position: 134° / 735 m ; Behavior: on back, resting
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	02	09:03 -PDT	16:03-GMT
					S	Gray whale (northbound)
						Position: 168° / 3528 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	03	09:14 -PDT	16:14-GMT
					SP	Harbor seal
						Position: 169° / 231 m Direction: East; Behavior: Traveling
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	04	09:25 -PDT	16:25-GMT
					SW	Humpback whale
						Position: 134° / 3088 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	05	09:28 -PDT	16:28-GMT
					SD	Pacific White-sided dolphin
						Position: 192° / 913 m Direction: East; Behavior: Traveling
						Total 18 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	06	10:37 -PDT	17:37-GMT Images: 1878-80
					S	Gray whale (northbound)
						Position: 126° / 1331 m Direction: West; Behavior: Traveling • Foraging
						Total 1 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	07	10:52 -PDT	17:52-GMT
					SD	Bottlenose dolphin
						Position: 139° / 946 m Direction: West; Behavior: Traveling
						Total 3 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	08	11:08 -PDT	18:08-GMT Images: 1886-92
					SD	Bottlenose dolphin
						Position: 159° / 231 m Direction: West; Behavior: Traveling
						Total 3 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	09	11:26 -PDT	18:26-GMT
					S	Gray whale (northbound)
						Position: 142° / 3528 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	10	11:37 -PDT	18:37-GMT
					SD	Common dolphin, species not determined
						Position: 144° / 1674 m Direction: East; Behavior: Traveling
						Total ~50 — Calves not determined
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	11	11:50 -PDT	18:50-GMT
					SP	Harbor seal
						Position: 194° / 550 m Direction: East; Behavior: Traveling
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	12	11:51 -PDT	18:51-GMT
					SP	Harbor seal
						Position: 117° / 696 m Direction: West; Behavior: Diving
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	13	11:57 -PDT	18:57-GMT
					S	Gray whale (northbound)
						Position: 136° / 2749 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	14	13:04 -PDT	20:04-GMT Images: 1894-1912
					S	Gray whale (northbound)
						Position: 129° / 2749 m Direction: West; Behavior: Traveling
						Total 4 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	15	14:53 -PDT	21:53-GMT
					S	Gray whale (northbound)
						Position: 140° / 1483 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	16	16:32 -PDT	23:32-GMT
					S	Gray whale (northbound)
						Position: 121° / 2260 m Direction: West; Behavior: Traveling • Rolling
						Total 3 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	17	16:59 -PDT	23:59-GMT
					SD	Bottlenose dolphin
						Position: 130° / 883 m Direction: West; Behavior: Traveling
						Total 3 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	End Day	17:00 -PDT	0:00; 3/25/2016-GMT
					T	Effort Hours 8:04

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

**Mar 25** Day 39 of 101

Quality	CCvr	Bft	Horiz / Vis nm	01	08:53 -PDT	15:53-GMT		
Fair	0%	2	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 131° / 2260 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	02	08:55 -PDT	15:55-GMT		
Fair	0%	2	Fuzzy / 3		S	Gray whale (northbound)	Total 3 — 0 Calves	
						Position: 146° / 1674 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	03	09:08 -PDT	16:08-GMT		
Fair	0%	2	Fuzzy / 3		SD	Pacific White-sided dolphin	Total 10 — 0 Calves	
						Position: 168° / 1020 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	04	09:13 -PDT	16:13-GMT		
Fair	0%	2	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 129° / 1403 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	05	09:21 -PDT	16:21-GMT		
Fair	0%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 143° / 2749 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	06	09:40 -PDT	16:40-GMT		
Fair	0%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 210° / 1331 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	07	11:30 -PDT	18:30-GMT		
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 149° / 1020 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	08	11:56 -PDT	18:56-GMT		
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 177° / 1483 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	09	12:42 -PDT	19:42-GMT		
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 143° / 1020 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	10	13:36 -PDT	20:36-GMT		
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 167° / 661 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	11	13:55 -PDT	20:55-GMT		
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 140° / 1483 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	12	14:01 -PDT	21:01-GMT		
Fair	20%	3	Fuzzy / 3		SD	Pacific White-sided dolphin	Total 6 — 0 Calves	
						Position: 177° / 1403 m Direction: Circling; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	13	14:07 -PDT	21:07-GMT		
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 194° / 1483 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	14	14:17 -PDT	21:17-GMT		
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 3 — 0 Calves	
						Position: 156° / 2260 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	15	14:29 -PDT	21:29-GMT	Images: 1916-1920	
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 126° / 1483 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	16	14:51 -PDT	21:51-GMT	Images: 1922-1945	
Fair	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 139° / 883 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	17	15:52 -PDT	22:52-GMT		
Poor	20%	4	Fuzzy / 1.7		S	Gray whale (northbound)	Total 1 — 0 Calves	
						Position: 162° / 778 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	End Day	15:56 -PDT	22:56-GMT		
Poor	20%	5	Fuzzy / 1.7		T	Effort Hours 7:03		

**Mar 26** Day 40 of 101

Quality	CCvr	Bft	Horiz / Vis nm	01	08:54 -PDT	15:54-GMT		
Fair	0%	2	Fuzzy / 2		S	Gray whale (northbound)	Total 3 — 0 Calves	
						Position: 132° / 1674 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	02	08:55 -PDT	15:55-GMT		
Fair	0%	2	Fuzzy / 2		S	Gray whale (northbound)	Total 2 — 0 Calves	
						Position: 151° / 1106 m Direction: West; Behavior: Traveling		

**Sighting Codes** S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality Fair 0%	CCvr 2	Bft 2	Horiz / Vis nm Fuzzy / 2	03	09:03 -PDT	16:03-GMT	SD	Pacific White-sided dolphin Position: 195° / 600 m Direction: East; Behavior: Traveling	Total 6 — 0 Calves
Quality Fair 0%	CCvr 2	Bft 2	Horiz / Vis nm Fuzzy / 2	04	09:12 -PDT	16:12-GMT	SD	Bottlenose dolphin Position: 144° / 678 m Direction: East; Behavior: Traveling	Total 4 — 0 Calves
Quality Fair 0%	CCvr 3	Bft 3	Horiz / Vis nm Fuzzy / 2	05	09:25 -PDT	16:25-GMT	S	Gray whale (northbound) Position: 138° / 3088 m Direction: West; Behavior: Traveling	Total 4 — 0 Calves
Quality Fair 0%	CCvr 2	Bft 2	Horiz / Vis nm Fuzzy / 2	06	09:55 -PDT	16:55-GMT	S	Gray whale (northbound) Position: 130° / 1483 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair 0%	CCvr 1	Bft 1	Horiz / Vis nm Fuzzy / 2	07	10:07 -PDT	17:07-GMT	S	Gray whale (northbound) Position: 153° / 1106 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair 0%	CCvr 1	Bft 1	Horiz / Vis nm Fuzzy / 2	08	10:09 -PDT	17:09-GMT	SD	Bottlenose dolphin Position: 154° / 574 m Direction: East; Behavior: Traveling	Total 3 — 0 Calves
Quality Fair 0%	CCvr 1	Bft 1	Horiz / Vis nm Fuzzy / 2	09	10:20 -PDT	17:20-GMT	SD	Pacific White-sided dolphin Position: 196° / 661 m Direction: East; Behavior: Traveling • Foraging	Total 8 — 0 Calves
Quality Fair 0%	CCvr 1	Bft 1	Horiz / Vis nm Fuzzy / 2	10	10:34 -PDT	17:34-GMT	S	Gray whale (northbound) Position: 138° / 1331 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Poor 0%	CCvr 0	Bft 0	Horiz / Vis nm Fuzzy / 1.7	11	11:25 -PDT	18:25-GMT	S	Gray whale (northbound) Position: 120° / 1922 m Direction: West; Behavior: Traveling • Fluke	Total 1 — 0 Calves
Quality Poor 0%	CCvr 0	Bft 0	Horiz / Vis nm Fuzzy / 1.7	12	11:53 -PDT	18:53-GMT	S	Gray whale (northbound) Position: 137° / 1674 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Poor 0%	CCvr 0	Bft 0	Horiz / Vis nm Fuzzy / 1.7	13	13:08 -PDT	20:08-GMT	S	Gray whale (northbound) Position: 189° / 946 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Poor 0%	CCvr 0	Bft 0	Horiz / Vis nm Fuzzy / 1.7	14	13:09 -PDT	20:09-GMT	SP	Harbor seal Position: 146° / 209 m Direction: West; Behavior: Traveling	Total 1 — 0 Pups
Quality Fair 0%	CCvr 0	Bft 0	Horiz / Vis nm Fuzzy / 2	15	13:11 -PDT	20:11-GMT	S	Gray whale (northbound) Position: 143° / 2749 m Direction: West; Behavior: Pec Slap • Traveling	Total 2 — 0 Calves
Quality Fair 0%	CCvr 0	Bft 0	Horiz / Vis nm Fuzzy / 2	16	14:02 -PDT	21:02-GMT	S	Gray whale (northbound) Position: 138° / 2260 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair 0%	CCvr 0	Bft 0	Horiz / Vis nm Fuzzy / 2	17	14:15 -PDT	21:15-GMT	SD	Bottlenose dolphin Position: 234° / 253 m Direction: East; Behavior: Traveling	Total 3 — 0 Calves
Quality Fair 0%	CCvr 3	Bft 3	Horiz / Vis nm Fuzzy / 2	18	14:36 -PDT	21:36-GMT	S	Gray whale (northbound) Position: 129° / 1674 m Direction: West; Behavior: Traveling	Total 6 — 0 Calves
Quality Fair 0%	CCvr 0	Bft 0	Horiz / Vis nm Fuzzy / 2	19	15:34 -PDT	22:34-GMT	S	Gray whale (northbound) Position: 159° / 629 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair 0%	CCvr 0	Bft 0	Horiz / Vis nm Fuzzy / 2	20	16:05 -PDT	23:05-GMT	SD	Pacific White-sided dolphin Position: 156° / 946 m Direction: East; Behavior: Traveling	Total 10 — 0 Calves
Quality Fair 0%	CCvr 0	Bft 0	Horiz / Vis nm Fuzzy / 2	21	16:45 -PDT	23:45-GMT	SO	Southern Sea otter Position: 126° / 696 m ; Behavior: on back, resting	Total 1 — 0 Pups
Quality Fair 0%	CCvr 0	Bft 0	Horiz / Vis nm Fuzzy / 2	End Day	17:00 -PDT	0:00; 3/27/2016-GMT	T	Effort Hours 8:06	

Mar 27 Day 41 of 101

Quality Poor 100%	CCvr 0	Bft 0	Horiz / Vis nm Fuzzy / 2	01	09:08 -PDT	16:08-GMT	S	Gray whale (northbound)	Total 2 — 0 Calves
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Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality Poor	CCvr 100%	Bft 0	Horiz / Vis nm Fuzzy / 2	02	09:17 -PDT	16:17-GMT		
					SD	Bottlenose dolphin	Total 4	0 Calves
						Position: 274° / 735 m Direction: East; Behavior: Traveling		
Quality Poor	CCvr 100%	Bft 0	Horiz / Vis nm Fuzzy / 2	03	09:45 -PDT	16:45-GMT		
					SD	Bottlenose dolphin	Total 5	1 Calf
						Position: 228° / 574 m Direction: East; Behavior: Traveling		
Quality Poor	CCvr 100%	Bft 0	Horiz / Vis nm Fuzzy / 2	04	09:50 -PDT	16:50-GMT		
					SO	Southern Sea otter	Total 1	0 Pups
						Position: 114° / 1403 m ; Behavior: on back, resting		
Quality Poor	CCvr 100%	Bft 0	Horiz / Vis nm Fuzzy / 2	05	10:22 -PDT	17:22-GMT		
					S	Gray whale (northbound)	Total 2	0 Calves
						Position: 180° / 629 m Direction: West; Behavior: Traveling		
Quality Poor	CCvr 100%	Bft 0	Horiz / Vis nm Fuzzy / 2	06	10:25 -PDT	17:25-GMT		
					SD	Bottlenose dolphin	Total 4	0 Calves
						Position: 169° / 212 m Direction: East; Behavior: Traveling		
Quality Poor	CCvr 100%	Bft 0	Horiz / Vis nm Fuzzy / 2	07	10:36 -PDT	17:36-GMT		
					S	Gray whale (northbound)	Total 1	0 Calves
						Position: 150° / 1483 m Direction: West; Behavior: Traveling		
Quality Fair	CCvr 40%	Bft 1	Horiz / Vis nm Fuzzy / 2	08	10:38 -PDT	17:38-GMT <a href="#">Images: 1977-2011</a>		
					S	Gray whale (northbound)	Total 2	1 Calf
						Position: 125° / 946 m Direction: West; Behavior: Traveling		
Quality Fair	CCvr 80%	Bft 1	Horiz / Vis nm Fuzzy / 2	09	11:34 -PDT	18:34-GMT		
					SD	Pacific White-sided dolphin	Total 15	0 Calves
						Position: 232° / 946 m Direction: East; Behavior: Traveling		
Quality Fair	CCvr 80%	Bft 1	Horiz / Vis nm Fuzzy / 2	10	12:28 -PDT	19:28-GMT		
					S	Gray whale (northbound)	Total 2	0 Calves
						Position: 140° / 1331 m Direction: West; Behavior: Traveling		
Quality Fair	CCvr 80%	Bft 1	Horiz / Vis nm Fuzzy / 2	11	12:39 -PDT	19:39-GMT		
					S	Gray whale (northbound)	Total 1	0 Calves
						Position: 169° / 778 m Direction: West; Behavior: Traveling		
Quality Fair	CCvr 80%	Bft 1	Horiz / Vis nm Fuzzy / 2	12	13:07 -PDT	20:07-GMT		
					SD	Pacific White-sided dolphin	Total 10	0 Calves
						Position: 189° / 883 m Direction: East; Behavior: Traveling • Leap		
Quality Fair	CCvr 80%	Bft 1	Horiz / Vis nm Fuzzy / 2	13	13:10 -PDT	20:10-GMT		
					S	Gray whale (northbound)	Total 2	0 Calves
						Position: 187° / 827 m Direction: West; Behavior: Traveling		
Quality Fair	CCvr 80%	Bft 3	Horiz / Vis nm Fuzzy / 3	14	14:35 -PDT	21:35-GMT		
					S	Gray whale (northbound)	Total 1	0 Calves
						Position: 129° / 696 m Direction: West; Behavior: Traveling		
Quality Fair	CCvr 80%	Bft 3	Horiz / Vis nm Fuzzy / 3	15	15:10 -PDT	22:10-GMT		
					SD	Pacific White-sided dolphin	Total 5	0 Calves
						Position: 207° / 539 m Direction: East; Behavior: Traveling • Leap		
Quality Fair	CCvr 80%	Bft 3	Horiz / Vis nm Fuzzy / 3	16	15:34 -PDT	22:34-GMT		
					SW	Humpback whale	Total 2	0 Calves
						Position: 162° / 2749 m Direction: West; Behavior: Traveling • Fluke		
Quality Fair	CCvr 80%	Bft 2	Horiz / Vis nm Fuzzy / 3	17	16:30 -PDT	23:30-GMT		
					SP	Harbor seal	Total 2	0 Pups
						Position: 110° / 1208 m ; Behavior: in large group		
Quality Fair	CCvr 80%	Bft 1	Horiz / Vis nm Fuzzy / 3	18	16:40 -PDT	23:40-GMT		
					S	Gray whale (northbound)	Total 1	0 Calves
						Position: 164° / 1106 m Direction: West; Behavior: Traveling • Fluke		
Quality Fair	CCvr 80%	Bft 1	Horiz / Vis nm Fuzzy / 3	19	16:43 -PDT	23:43-GMT		
					SD	Bottlenose dolphin	Total 3	0 Calves
						Position: 234° / 528 m Direction: Circling; Behavior: Foraging		
Quality Fair	CCvr 80%	Bft 1	Horiz / Vis nm Fuzzy / 3	End Day	17:00 -PDT	0:00; 3/28/2016-GMT		
					T	Effort Hours 8:00		

Mar 28 Day 42 of 101

Quality Fair	CCvr 0%	Bft 3	Horiz / Vis nm Fuzzy / 3	01	09:04 -PDT	16:04-GMT <a href="#">Images: 2021-40</a>		
					S	Gray whale (northbound)	Total 4	0 Calves
						Position: 124° / 1922 m Direction: West; Behavior: Traveling		
Quality Fair	CCvr 0%	Bft 3	Horiz / Vis nm Fuzzy / 3	02	09:34 -PDT	16:34-GMT		
					SO	Southern Sea otter	Total 1	0 Pups

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm			
Fair	20%	3	Fuzzy / 3	03	09:39 -PDT	16:39-GMT <a href="#">Images: 2044-71</a>
					S	Gray whale (northbound)
						Position: 118° / 1674 m Direction: West; Behavior: Traveling
						Total 3 — 1 Calf
Quality	CCvr	Bft	Horiz / Vis nm			
Poor	80%	4	Fuzzy / 2	04	10:24 -PDT	17:24-GMT
					SD	Bottlenose dolphin
						Position: 144° / 946 m Direction: West; Behavior: Traveling
						Total 5 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Poor	80%	4	Fuzzy / 2	05	10:31 -PDT	17:31-GMT <a href="#">Images: 2073-84</a>
					S	Gray whale (northbound)
						Position: 147° / 696 m Direction: West; Behavior: Traveling
						Total 4 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	2	Fuzzy / 2	06	11:03 -PDT	18:03-GMT
					SD	Bottlenose dolphin
						Position: 152° / 600 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	2	Fuzzy / 2	07	11:04 -PDT	18:04-GMT
					SO	Southern Sea otter
						Position: 110° / 1674 m ; Behavior: on back, resting
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	2	Fuzzy / 2	08	11:05 -PDT	18:05-GMT
					SO	Southern Sea otter
						Position: 112° / 1483 m ; Behavior: on back, resting
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	60%	3	Fuzzy / 2	09	11:20 -PDT	18:20-GMT
					SP	Harbor seal
						Position: 110° / 1403 m ; Behavior: in large group
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm	End Day	11:43 -PDT	18:43-GMT
Not	60%	5	Fuzzy / 2		T	Effort Hours 2:43

**Mar 29** Day 43 of 101

Quality	CCvr	Bft	Horiz / Vis nm			
Poor	0%	4	Fuzzy / 3	01	09:02 -PDT	16:02-GMT
					SW	unidentified large whale
						Position: 144° / 946 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Poor	0%	4	Fuzzy / 3	02	09:08 -PDT	16:08-GMT
					SO	Southern Sea otter
						Position: 114° / 1483 m ; Behavior: on back, resting
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm	End Day	09:24 -PDT	16:24-GMT
Not	0%	5	Fuzzy / 3		T	Effort Hours 0:24

**Mar 30** Day 44 of 101

Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	01	09:00 -PDT	16:00-GMT
					SP	Harbor seal
						Position: 156° / 539 m ; Behavior: in large group
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	02	09:23 -PDT	16:23-GMT
					SP	Harbor seal
						Position: 110° / 1331 m ; Behavior: in large group • Foraging
						Total 4 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	03	10:48 -PDT	17:48-GMT
					S	Gray whale (northbound)
						Position: 111° / 2749 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	04	11:03 -PDT	18:03-GMT
					SD	Bottlenose dolphin
						Position: 174° / 471 m Direction: East; Behavior: Traveling
						Total 8 — 1 Calf
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	05	11:19 -PDT	18:19-GMT
					SW	unidentified large whale
						Position: 164° / 2749 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	06	11:40 -PDT	18:40-GMT
					SW	Humpback whale
						Position: 137° / 3528 m Direction: East; Behavior: Traveling • Fluke
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	07	11:51 -PDT	18:51-GMT
					S	Gray whale (northbound)
						Position: 150° / 913 m Direction: West; Behavior: Bubbles Blast • Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	08	12:01 -PDT	19:01-GMT <a href="#">Images: 2095-2109</a>
					S	Gray whale (northbound)
						Position: 134° / 1922 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 3	09	12:07 -PDT	19:07-GMT
					S	Gray whale (northbound)
						Position: 168° / 1106 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves

**Sighting Codes** S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	10	12:10 -PDT	19:10-GMT	SO	Southern Sea otter Position: 157° / 388 m ; Behavior: on back, feeding • with gull(s)	Total 1 — 0 Pups
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	11	13:11 -PDT	20:11-GMT	SD	Bottlenose dolphin Position: 131° / 455 m Direction: West; Behavior: Traveling	Total 7 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	12	13:23 -PDT	20:23-GMT	SD	Common dolphin, species not determined Position: 158° / 5027 m Direction: West; Behavior: Foraging	Total ~300 — Calves not determined
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	13	13:33 -PDT	20:33-GMT	S	Gray whale (northbound) Position: 162° / 2749 m Direction: West; Behavior: Traveling • Fluke	Total 2 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	14	13:43 -PDT	20:43-GMT	SD	Pacific White-sided dolphin Position: 182° / 1331 m Direction: East; Behavior: Traveling	Total 6 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	15	13:50 -PDT	20:50-GMT	S	Gray whale (northbound) Position: 186° / 3528 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	16	14:05 -PDT	21:05-GMT	SD	Pacific White-sided dolphin Position: 216° / 1106 m Direction: Circling; Behavior: Foraging	Total 8 — 0 Calves
Quality Fair	CCvr 20%	Bft 0	Horiz / Vis nm Fuzzy / 3	17	14:35 -PDT	21:35-GMT	S	Gray whale (northbound) Position: 144° / 3528 m Direction: West; Behavior: Traveling • Fluke	Total 4 — 0 Calves
Quality Fair	CCvr 20%	Bft 0	Horiz / Vis nm Fuzzy / 3	18	15:10 -PDT	22:10-GMT	SD	Pacific White-sided dolphin Position: 169° / 1106 m Direction: West; Behavior: Traveling	Total 15 — 0 Calves
Quality Fair	CCvr 40%	Bft 0	Horiz / Vis nm Fuzzy / 3	End Day	17:00 -PDT	0:00; 3/31/2016-GMT	T	Effort Hours 8:00	

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Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	01	09:10 -PDT	16:10-GMT	SD	Common dolphin, species not determined Position: 194° / 3528 m Direction: Circling; Behavior: Foraging	Total ~300 — Calves not determined
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	02	09:13 -PDT	16:13-GMT	SP	Harbor seal Position: 113° / 1403 m ; Behavior: Foraging	Total 1 — 0 Pups
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	04	09:17 -PDT	16:17-GMT	SD	Pacific White-sided dolphin Position: 157° / 1922 m Direction: West; Behavior: Traveling • Leap	Total 5 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	05	09:36 -PDT	16:36-GMT	SW	unidentified large whale Position: 176° / 3528 m Direction: West; Behavior: Traveling • Fluke	Total 1 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	06	09:52 -PDT	16:52-GMT	SP	California sea lion Position: 157° / m	
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	07	10:32 -PDT	17:32-GMT	SD	Pacific White-sided dolphin Position: 169° / 1674 m Direction: East; Behavior: Traveling	Total 6 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	08	10:39 -PDT	17:39-GMT	SO	Southern Sea otter Position: 115° / 1331 m ; Behavior: on back, resting	Total 1 — 0 Pups
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	09	11:20 -PDT	18:20-GMT	S	Gray whale (northbound) Position: 118° / 1922 m Direction: West; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	10	11:26 -PDT	18:26-GMT	SW	Humpback whale Position: 135° / 3088 m Direction: East; Behavior: Traveling • Fluke	Total 1 — 0 Calves
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	11	12:26 -PDT	19:26-GMT	SD	Bottlenose dolphin Position: 129° / 600 m Direction: Circling; Behavior: Foraging	Total 3 — 1 Calf
Quality Fair	CCvr 0%	Bft 0	Horiz / Vis nm Fuzzy / 3	12	12:50 -PDT	19:50-GMT	SD	Pacific White-sided dolphin	Total 10 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	13	13:47 -PDT	20:47-GMT	
					SD	Pacific White-sided dolphin	Total 2 — 0 Calves
						Position: 167° / 946 m Direction: West; Behavior: Traveling • Foraging	
Quality	CCvr	BR	Horiz / Vis nm				
Poor	0%	4	Fuzzy / 2	14	15:23 -PDT	22:23-GMT	
					SD	Bottlenose dolphin	Total 2 — 0 Calves
						Position: 152° / 696 m Direction: East; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Not	0%	5	Fuzzy / 2	End Day	15:37 -PDT	22:37-GMT	
					T	Effort Hours 6:37	
<hr/>							
<b>Apr 01</b>				<b>Day 46 of 101</b>			
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	01	09:01 -PDT	16:01-GMT	
					SD	Pacific White-sided dolphin	Total 8 — 0 Calves
						Position: 182° / 913 m Direction: East; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	02	09:29 -PDT	16:29-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 111° / 1483 m ; Behavior: in large group	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	03	09:43 -PDT	16:43-GMT	
					SD	Bottlenose dolphin	Total 2 — 0 Calves
						Position: 144° / 1483 m Direction: Circling; Behavior: Foraging	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	04	10:54 -PDT	17:54-GMT	
					SD	Pacific White-sided dolphin	Total 12 — 0 Calves
						Position: 140° / 1674 m Direction: Circling; Behavior: Foraging	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	05	10:58 -PDT	17:58-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 172° / 528 m Direction: West; Behavior: Diving	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	06	11:32 -PDT	18:32-GMT	
					SO	Southern Sea otter	Total 1 — 0 Pups
						Position: 146° / 440 m ; Behavior: on back, feeding	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	07	11:52 -PDT	18:52-GMT	Images: 2126-31
					S	Gray whale (northbound)	Total 4 — 0 Calves
						Position: 118° / 1403 m Direction: West; Behavior: Traveling • Fluke	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	08	12:52 -PDT	19:52-GMT	Images: 2134-48
					S	Gray whale (northbound)	Total 2 — 1 Calf
						Position: 116° / 1674 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	1	Fuzzy / 2	09	14:12 -PDT	21:12-GMT	Images: 2150-51
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 118° / 1106 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	10	15:02 -PDT	22:02-GMT	
					SD	Common dolphin, species not determined	Total ~20 — Calves not determined
						Position: 130° / 1483 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	11	15:06 -PDT	22:06-GMT	
					SD	Pacific White-sided dolphin	Total 10 — 0 Calves
						Position: 169° / 1331 m Direction: West; Behavior: Traveling • Leap	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	12	15:11 -PDT	22:11-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 209° / 778 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	13	15:32 -PDT	22:32-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 123° / 1922 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	14	16:12 -PDT	23:12-GMT	
					SD	Pacific White-sided dolphin	Total 10 — 0 Calves
						Position: 164° / 735 m Direction: East; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	15	16:28 -PDT	23:28-GMT	Images: 2153-75
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 139° / 600 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	0	Fuzzy / 2	End Day	17:00 -PDT	0:00; 4/2/2016-GMT	
					T	Effort Hours 8:00	

<b>Apr 02</b>				<b>Day 47 of 101</b>			
Quality	CCvr	BR	Horiz / Vis nm				
Poor	20%	1	NV / 1.5	01	10:02 -PDT	17:02-GMT	
					S	Gray whale (northbound)	Total 2 — 1 Calf
						Position: 127° / 1106 m Direction: West; Behavior: Traveling • Fluke	

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm	02	10:08 -PDT	17:08-GMT		
Poor	20%	1	NV / 1.5	SD		Pacific White-sided dolphin	Total 5	— 0 Calves
						Position: 164° / 1106 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	03	10:19 -PDT	17:19-GMT		
Poor	20%	1	NV / 1.5	SD		Common dolphin, species not determined	Total ~200	— Calves not determined
						Position: 210° / 913 m Direction: Circling; Behavior: Foraging		
Quality	CCvr	Bft	Horiz / Vis nm	04	10:31 -PDT	17:31-GMT		
Fair	0%	0	Fuzzy / 2	S		Gray whale (northbound)	Total 2	— 0 Calves
						Position: 184° / 489 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	05	10:48 -PDT	17:48-GMT	Images: 2178-84	
Fair	0%	0	Fuzzy / 2	S		Gray whale (northbound)	Total 2	— 1 Calf
						Position: 156° / 600 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	Va	10:52 -PDT	17:52-GMT		
Fair	0%	2	Fuzzy / 2	V		Fish Commercial Urchin Diving		
						Position: 194° / 600 m Direction: East		
Quality	CCvr	Bft	Horiz / Vis nm	Vb	10:53 -PDT	17:53-GMT	Images: 2178-2184	
Fair	0%	2	Fuzzy / 2	V		Private Cruising		
						Position: 164° / 574 m Direction: West		
Quality	CCvr	Bft	Horiz / Vis nm	06	11:20 -PDT	18:20-GMT		
Fair	0%	0	Fuzzy / 2	SO		Southern Sea otter	Total 2	— 0 Pups
						Position: 114° / 1331 m ; Behavior: on back, resting		
Quality	CCvr	Bft	Horiz / Vis nm	07	11:23 -PDT	18:23-GMT		
Fair	0%	0	Fuzzy / 2	SD		Pacific White-sided dolphin	Total 20	— 0 Calves
						Position: 159° / 1208 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	08	12:38 -PDT	19:38-GMT		
Fair	0%	0	Fuzzy / 2	SP		Harbor seal	Total 1	— 0 Pups
						Position: 111° / 1483 m ; Behavior: in large group		
Quality	CCvr	Bft	Horiz / Vis nm	09	13:31 -PDT	20:31-GMT		
Fair	0%	1	Fuzzy / 2	SD		Bottlenose dolphin	Total 2	— 0 Calves
						Position: 143° / 883 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	10	13:38 -PDT	20:38-GMT		
Fair	0%	1	Fuzzy / 2	SD		Pacific White-sided dolphin	Total 5	— 0 Calves
						Position: 161° / 827 m Direction: East; Behavior: Foraging		
Quality	CCvr	Bft	Horiz / Vis nm	11	14:11 -PDT	21:11-GMT		
Fair	0%	2	Fuzzy / 2	SD		Pacific White-sided dolphin	Total 8	— 0 Calves
						Position: 170° / 778 m Direction: East; Behavior: Foraging		
Quality	CCvr	Bft	Horiz / Vis nm	12	14:58 -PDT	21:58-GMT		
Fair	0%	2	Fuzzy / 2	S		Gray whale (northbound)	Total 1	— 0 Calves
						Position: 149° / 696 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	13	16:51 -PDT	23:51-GMT	Images: 2205-2236	
Fair	0%	2	Fuzzy / 2	S		Gray whale (northbound)	Total 4	— 2 Calves
						Position: 102° / 3088 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	End Day	17:18 -PDT	0:18; 4/3/2016-GMT		
Fair	0%	2	Fuzzy / 2	T		Effort Hours 7:20		

Apr 03 Day 48 of 101

Quality	CCvr	Bft	Horiz / Vis nm	01	12:14 -PDT	19:14-GMT		
Poor	100%	1	NV / 1	SO		Southern Sea otter	Total 2	— 0 Pups
						Position: 116° / 946 m ; Behavior: on back, feeding • Diving • with quill(s)		
Quality	CCvr	Bft	Horiz / Vis nm	02	14:47 -PDT	21:47-GMT		
Fair	80%	3	Fuzzy / 2	SO		Southern Sea otter	Total 1	— 0 Pups
						Position: 114° / 1403 m ; Behavior: on back, resting		
Quality	CCvr	Bft	Horiz / Vis nm	03	14:48 -PDT	21:48-GMT		
Fair	80%	3	Fuzzy / 2	SO		Southern Sea otter	Total 1	— 0 Pups
						Position: 110° / 1483 m ; Behavior: on back, resting		
Quality	CCvr	Bft	Horiz / Vis nm	04	15:44 -PDT	22:44-GMT		
Fair	40%	2	Fuzzy / 3	SD		Common dolphin, species not determined	Total ~20	— Calves not determined
						Position: 183° / 1483 m Direction: West; Behavior: Traveling • Foraging		
Quality	CCvr	Bft	Horiz / Vis nm	05	16:48 -PDT	23:48-GMT		
Fair	40%	2	Fuzzy / 3	S		Gray whale (northbound)	Total 1	— 0 Calves
						Position: 115° / 1922 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	End Day	17:00 -PDT	0:00; 4/4/2016-GMT		
Fair	40%	2	Fuzzy / 3	T		Effort Hours 4:46		

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

## 2016 All Sighting Numbers, Raw

Apr 04		Day 49 of 101				
Quality	CCvr	BR	Horiz / Vis nm	01	09:07 -PDT	16:07-GMT
Fair	20%	2	Fuzzy / 3		SD	Common dolphin, species not determined
						Position: 174° / 2260 m Direction: East; Behavior: Foraging
						Total ~50 — Calves not determined
Quality	CCvr	BR	Horiz / Vis nm	02	09:19 -PDT	16:19-GMT <a href="#">Images: 2340-1</a>
Fair	20%	2	Fuzzy / 3		SD	Bottlenose dolphin
						Position: 166° / 600 m Direction: East; Behavior: Traveling
						Total 6 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	03	09:25 -PDT	16:25-GMT
Fair	0%	2	Fuzzy / 3		SO	Southern Sea otter
						Position: 129° / 528 m Direction: West; Behavior: on back, feeding
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm	04	09:40 -PDT	16:40-GMT
Fair	0%	2	Fuzzy / 3		SO	Southern Sea otter
						Position: 113° / 1674 m ; Behavior: on back, resting
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm	05	09:41 -PDT	16:41-GMT
Fair	0%	2	Fuzzy / 3		SP	Harbor seal
						Position: 112° / 1403 m ; Behavior: in large group
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm	06	09:44 -PDT	16:44-GMT
Fair	0%	2	Fuzzy / 3		SD	Bottlenose dolphin
						Position: 189° / 696 m Direction: East; Behavior: Traveling • Foraging
						Total 6 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	07	10:00 -PDT	17:00-GMT <a href="#">Images: 2342-74</a>
Fair	0%	1	Fuzzy / 3		S	Gray whale (northbound)
						Position: 111° / 2260 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	BR	Horiz / Vis nm	08	10:34 -PDT	17:34-GMT
Fair	0%	1	Fuzzy / 3		SD	Bottlenose dolphin
						Position: 256° / 600 m Direction: West; Behavior: Traveling • with Er
						Total 4 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	09	10:49 -PDT	17:49-GMT
Fair	0%	1	Fuzzy / 3		S	Gray whale (northbound)
						Position: 101° / 3088 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	10	11:28 -PDT	18:28-GMT
Fair	0%	1	Fuzzy / 3		SD	Bottlenose dolphin
						Position: 265° / 778 m Direction: East; Behavior: Traveling
						Total 5 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	11	12:03 -PDT	19:03-GMT
Fair	0%	1	Fuzzy / 3		S	Gray whale (northbound)
						Position: 114° / 1922 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	12	14:19 -PDT	21:19-GMT
Fair	0%	0	Fuzzy / 3		SD	Common dolphin, species not determined
						Position: 154° / 1922 m Direction: West; Behavior: Traveling
						Total ~50 — Calves not determined
Quality	CCvr	BR	Horiz / Vis nm	13	14:39 -PDT	21:39-GMT
Fair	0%	0	Fuzzy / 3		SD	Bottlenose dolphin
						Position: 168° / 528 m Direction: East; Behavior: Traveling
						Total 4 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	14	15:05 -PDT	22:05-GMT
Fair	0%	0	Fuzzy / 3		SD	Bottlenose dolphin
						Position: 244° / 489 m Direction: East; Behavior: Traveling
						Total 5 — 1 Calf
Quality	CCvr	BR	Horiz / Vis nm	15	15:12 -PDT	22:12-GMT <a href="#">Images: 2376-2399</a>
Fair	0%	0	Fuzzy / 3		S	Gray whale (northbound)
						Position: 105° / 2260 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	BR	Horiz / Vis nm	16	15:23 -PDT	22:23-GMT
Fair	0%	0	Fuzzy / 3		S	Gray whale (northbound)
						Position: 113° / 2749 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	17	16:55 -PDT	23:55-GMT <a href="#">Images: 2401-2421</a>
Fair	0%	0	Fuzzy / 3		S	Gray whale (northbound)
						Position: 114° / 2260 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	BR	Horiz / Vis nm	End Day	17:00 -PDT	0:00; 4/5/2016-GMT
Fair	0%	0	Fuzzy / 3		T	Effort Hours 8:00

Apr 05		Day 50 of 101				
Quality	CCvr	BR	Horiz / Vis nm	01	09:04 -PDT	16:04-GMT
Fair	0%	1	Fuzzy / 3		S	Gray whale (northbound)
						Position: 114° / 1483 m Direction: West; Behavior: Traveling
						Total 3 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm	02	09:05 -PDT	16:05-GMT
Fair	0%	1	Fuzzy / 3		SO	Southern Sea otter
						Position: 109° / 1483 m ; Behavior: on back, resting
						Total 1 — 0 Pups

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm				
Fair	0%	1	Fuzzy / 3	03	09:06 -PDT	16:06-GMT Harbor seal	Total 3 — 0 Pups
						Position: 109° / 1483 m ; Behavior: in large group	
Fair	0%	1	Fuzzy / 3	04	09:08 -PDT	16:08-GMT Southern Sea otter	Total 1 — 0 Pups
						Position: 115° / 1331 m ; Behavior: on back, resting	
Fair	0%	1	Fuzzy / 3	05	09:10 -PDT	16:10-GMT Gray whale (northbound)	Total 2 — 0 Calves
						Position: 114° / 3088 m Direction: West; Behavior: Traveling	
Fair	0%	0	Fuzzy / 3	06	10:07 -PDT	17:07-GMT Harbor seal	Total 1 — 0 Pups
						Position: 225° / 60 m Direction: East; Behavior: Traveling	
Fair	0%	0	Fuzzy / 3	07	10:16 -PDT	17:16-GMT Bottlenose dolphin	Total 5 — 0 Calves
						Position: 114° / 1483 m Direction: West; Behavior: Traveling • Leap	
Fair	0%	0	Fuzzy / 3	08	11:51 -PDT	18:51-GMT Bottlenose dolphin	Total 6 — 0 Calves
						Position: 119° / 280 m Direction: West; Behavior: Traveling	
Fair	0%	0	Fuzzy / 3	09	13:04 -PDT	20:04-GMT Bottlenose dolphin	Total 6 — 0 Calves
						Position: 144° / 314 m Direction: West; Behavior: Traveling	
Fair	0%	0	Fuzzy / 3	10	13:05 -PDT	20:05-GMT Bottlenose dolphin	Total 4 — 0 Calves
						Position: 144° / 778 m Direction: West; Behavior: Traveling	
Good	0%	1	Fuzzy / 3	11	14:44 -PDT	21:44-GMT Bottlenose dolphin	Total 1 — 0 Calves
						Position: 225° / 412 m Direction: East; Behavior: Traveling	
Good	0%	3	Fuzzy / 3	12	15:29 -PDT	22:29-GMT Gray whale (northbound)	Total 1 — 0 Calves
						Position: 112° / 1674 m Direction: West; Behavior: Traveling	
Good	0%	3	Fuzzy / 3	13	15:59 -PDT	22:59-GMT Bottlenose dolphin	Total 2 — 0 Calves
						Position: 214° / 188 m Direction: West; Behavior: Traveling	
Good	0%	3	Fuzzy / 3	14	16:05 -PDT	23:05-GMT <span style="color: red;">Images: 2438-79</span> Bottlenose dolphin	Total 9 — 0 Calves
						Position: 128° / 412 m Direction: West; Behavior: Traveling	
Good	0%	3	Fuzzy / 3	End Day	17:00 -PDT	0:00; 4/6/2016-GMT	
						T Effort Hours 8:00	

**Apr 06** Day 51 of 101

Quality	CCvr	Bft	Horiz / Vis nm				
Fair	80%	0	Fuzzy / 3	01	09:04 -PDT	16:04-GMT Pacific White-sided dolphin	Total 5 — 0 Calves
						Position: 228° / 528 m Direction: East; Behavior: Traveling	
Fair	80%	0	Fuzzy / 3	02	09:07 -PDT	16:07-GMT <span style="color: red;">Images: 2480-2507</span> Gray whale (northbound)	Total 2 — 1 Calf
						Position: 159° / 550 m Direction: West; Behavior: Traveling	
Fair	80%	0	Fuzzy / 3	03	09:28 -PDT	16:28-GMT Bottlenose dolphin	Total 4 — 0 Calves
						Position: 134° / 735 m Direction: East; Behavior: Traveling	
Fair	80%	0	Fuzzy / 3	04	09:33 -PDT	16:33-GMT Harbor seal	Total 3 — 0 Pups
						Position: 110° / 1483 m ; Behavior: in large group • Foraging	
Fair	60%	0	Fuzzy / 3	05	09:44 -PDT	16:44-GMT <span style="color: red;">Images: 2511-32</span> Gray whale (northbound)	Total 2 — 1 Calf
						Position: 114° / 1922 m Direction: West; Behavior: Traveling	
Fair	60%	0	Fuzzy / 3	06	09:55 -PDT	16:55-GMT Pacific White-sided dolphin	Total 20 — 0 Calves
						Position: 154° / 913 m Direction: Circling; Behavior: Foraging	
Fair	60%	0	Fuzzy / 3	07	11:25 -PDT	18:25-GMT <span style="color: red;">Images: 1533-61</span> Gray whale (northbound)	Total 2 — 1 Calf
						Position: 108° / 2260 m Direction: West; Behavior: Traveling • Rolling • Sharking	
Fair	100%	1	Fuzzy / 3	08	13:04 -PDT	20:04-GMT Harbor seal	Total 1 — 0 Pups

**Sighting Codes** S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bt	Horiz / Vis nm				
Fair	100%	1	Fuzzy / 3	09	13:05 -PDT	20:05-GMT	
					SD	Pacific White-sided dolphin Position: 115° / 1922 m Direction: West; Behavior: Traveling	Total 12 — 0 Calves
Fair	100%	1	Fuzzy / 3	10	13:18 -PDT	20:18-GMT	
					SD	Pacific White-sided dolphin Position: 134° / 696 m Direction: Circling; Behavior: Traveling	Total 20 — 0 Calves
Fair	100%	1	Fuzzy / 3	11	13:27 -PDT	20:27-GMT	
					SD	Common dolphin, species not determined Position: 180° / 3088 m Direction: West; Behavior: Traveling	Total ~300 — Calves not determined
Fair	100%	1	Fuzzy / 3	12	14:30 -PDT	21:30-GMT	
					SO	Southern Sea otter Position: 119° / 827 m ; Behavior: on back, resting	Total 1 — 0 Pups
Not	100%	3	NV / 1	End Day	16:04 -PDT	23:04-GMT	
					T	Effort Hours 7:04	

**Apr 07** Day 52 of 101

Quality	CCvr	Bt	Horiz / Vis nm				
Poor	100%	0	Indeterminate / 1.7	01	09:39 -PDT	16:39-GMT	
					SD	Pacific White-sided dolphin Position: 249° / 1106 m Direction: East; Behavior: Traveling	Total 30 — 0 Calves
Fair	40%	1	Fuzzy / 2	02	10:54 -PDT	17:54-GMT <a href="#">Images: 2578-2621</a>	
					S	Gray whale (northbound) Position: 98° / 3088 m Direction: West; Behavior: Traveling	Total 2 — 1 Calf
Fair	40%	0	Fuzzy / 2	03	12:05 -PDT	19:05-GMT	
					SP	Harbor seal Position: 111° / 1483 m ; Behavior: in large group	Total 3 — 0 Pups
Fair	40%	0	Fuzzy / 2	04	12:13 -PDT	19:13-GMT	
					SD	Pacific White-sided dolphin Position: 204° / 735 m Direction: West; Behavior: Traveling	Total 15 — 0 Calves
Fair	40%	0	Fuzzy / 2	05	12:40 -PDT	19:40-GMT	
					SP	Harbor seal Position: 177° / 314 m Direction: West; Behavior: Foraging • Traveling	Total 1 — 0 Pups
Fair	40%	0	Fuzzy / 2	06	12:44 -PDT	19:44-GMT	
					SD	Common dolphin, species not determined Position: 121° / 3088 m Direction: West; Behavior: Traveling • Parade Line	Total ~100 — Calves not determined
Fair	100%	0	Fuzzy / 2	07	12:55 -PDT	19:55-GMT	
					SD	Pacific White-sided dolphin Position: 134° / 1331 m ; Behavior: Traveling • Foraging	Total 15 — 0 Calves
Fair	100%	0	Fuzzy / 2	08	13:31 -PDT	20:31-GMT <a href="#">Images: 2623-59</a>	
					SD	Bottlenose dolphin Position: 124° / 356 m Direction: West; Behavior: Traveling	Total 5 — 1 Calf
Fair	100%	1	Fuzzy / 2	09	14:38 -PDT	21:38-GMT <a href="#">Images: 2664-98</a>	
					S	Gray whale (northbound) Position: 146° / 913 m Direction: West; Behavior: Traveling	Total 2 — 1 Calf
Fair	100%	1	Fuzzy / 1.7	End Day	17:00 -PDT	0:00; 4/8/2016-GMT	
					T	Effort Hours 8:00	

**Apr 08** Day 53 of 101

Quality	CCvr	Bt	Horiz / Vis nm				
Not	100%	1	NV / <1	End Day	09:00 -PDT	16:00-GMT	
					T	Effort Hours 0:00	

**Apr 09** Day 54 of 101

Quality	CCvr	Bt	Horiz / Vis nm				
Fair	100%	1	Fuzzy / 2	01	11:08 -PDT	18:08-GMT	
					SD	Pacific White-sided dolphin Position: 154° / 1922 m Direction: East; Behavior: Traveling	Total 10 — 0 Calves
Fair	100%	1	Fuzzy / 2	02	11:12 -PDT	18:12-GMT	
					SO	Southern Sea otter Position: 116° / 1208 m ; Behavior: on back, resting	Total 1 — 0 Pups
Fair	100%	1	Fuzzy / 2	03	11:13 -PDT	18:13-GMT	
					SP	Harbor seal Position: 114° / 1106 m ; Behavior: in large group	Total 1 — 0 Pups
Fair	100%	1	Fuzzy / 2	04	11:43 -PDT	18:43-GMT	
					SD	Pacific White-sided dolphin	Total 20 — 0 Calves

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm				
Fair	80%	2	Fuzzy / 2	05	12:14 -PDT	19:14-GMT	
					SD	Common dolphin, species not determined	Total ~150 — Calves not determined
						Position: 189° / 2749 m Direction: East; Behavior: Traveling	
Fair	80%	3	Fuzzy / 2	06	12:24 -PDT	19:24-GMT <a href="#">Images: 2746-55</a>	
					SD	Bottlenose dolphin	Total 9 — 0 Calves
						Position: 234° / 171 m Direction: East; Behavior: Traveling • Tail slap	
Fair	60%	4	Fuzzy / 3	07	13:30 -PDT	20:30-GMT	
					S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 122° / 1674 m Direction: West; Behavior: Traveling	
Fair	80%	4	Fuzzy / 3	08	14:03 -PDT	21:03-GMT	
					SD	Bottlenose dolphin	Total 3 — 0 Calves
						Position: 134° / 600 m Direction: West; Behavior: Traveling	
Fair	100%	3	Fuzzy / 3	09	15:19 -PDT	22:19-GMT	
					SD	Bottlenose dolphin	Total 5 — 0 Calves
						Position: 119° / 600 m Direction: West; Behavior: Traveling	
Fair	100%	3	Fuzzy / 3	10	16:25 -PDT	23:25-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 139° / 197 m Direction: West; Behavior: Traveling	
Fair	100%	3	Fuzzy / 2	11	16:42 -PDT	23:42-GMT	
					S	Gray whale (northbound)	Total 2 — 1 Calf
						Position: 112° / 2260 m Direction: West; Behavior: Traveling	
Fair	100%	3	Fuzzy / 2	End Day	17:00 -PDT	0:00; 4/10/2016-GMT	
					T	Effort Hours 6:00	

Apr 10 Day 55 of 101

Quality	CCvr	Bft	Horiz / Vis nm				
Fair	80%	1	Fuzzy / 3	01	09:14 -PDT	16:14-GMT	
					SO	Southern Sea otter	Total 1 — 0 Pups
						Position: 116° / 1403 m ; Behavior: on back, resting	
Fair	80%	1	Fuzzy / 3	02	09:16 -PDT	16:16-GMT	
					SD	Bottlenose dolphin	Total 7 — 1 Calf
						Position: 143° / 539 m Direction: West; Behavior: Traveling	
Fair	80%	1	Fuzzy / 3	03	09:36 -PDT	16:36-GMT	
					S	Gray whale (northbound)	Total 2 — 0 Calves
						Position: 123° / 2749 m Direction: West; Behavior: Traveling	
Fair	60%	1	Fuzzy / 3	04	10:20 -PDT	17:20-GMT <a href="#">Images: 2760-81</a>	
					SD	Bottlenose dolphin	Total 3 — 0 Calves
						Position: 134° / 330 m Direction: West; Behavior: Traveling	
Fair	40%	1	Fuzzy / 3	05	11:51 -PDT	18:51-GMT	
					SD	Pacific White-sided dolphin	Total 250 — 0 Calves
						Position: 238° / 1483 m Direction: East; Behavior: Traveling	
Fair	40%	2	Fuzzy / 3	06	12:12 -PDT	19:12-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 202° / 508 m ; Behavior: Foraging	
Fair	60%	2	Fuzzy / 3	07	12:22 -PDT	19:22-GMT <a href="#">Images: 2782-88</a>	
					SD	Bottlenose dolphin	Total 3 — 0 Calves
						Position: 149° / 426 m Direction: West; Behavior: Traveling	
Fair	80%	0	Fuzzy / 3	08	13:49 -PDT	20:49-GMT <a href="#">Images: 2795-2841</a>	
					SD	Bottlenose dolphin	Total 7 — 1 Calf
						Position: 246° / 253 m Direction: East; Behavior: Traveling	
Fair	80%	0	Fuzzy / 3	09	14:31 -PDT	21:31-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 113° / 1483 m ; Behavior: in large group	
Fair	80%	0	Fuzzy / 3	10	14:58 -PDT	21:58-GMT <a href="#">Images: 2846-86</a>	
					SD	Bottlenose dolphin	Total 3 — 0 Calves
						Position: 206° / 300 m Direction: East; Behavior: Traveling	
Fair	60%	0	Fuzzy / 3	11	15:20 -PDT	22:20-GMT <a href="#">Images: 2889-2986</a>	
					S	Gray whale (northbound)	Total 2 — 1 Calf
						Position: 108° / 2260 m Direction: West; Behavior: Traveling	
Fair	60%	0	Fuzzy / 3	12	16:28 -PDT	23:28-GMT	
					SD	Bottlenose dolphin	Total 4 — 1 Calf
						Position: 120° / 946 m Direction: West; Behavior: Traveling	
Fair	20%	0	Fuzzy / 3	13	16:38 -PDT	23:38-GMT	
					SD	Bottlenose dolphin	Total 6 — 1 Calf

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



## 2016 All Sighting Numbers, Raw

Quality	CCvr	BR	Horiz / Vis nm				
Fair	20%	0	Fuzzy / 3	14	16:45 -PDT	23:45-GMT	
					SD	Bottlenose dolphin	Total 3 — 1 Calf
						Position: 146° / 550 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm	End Day	17:00 -PDT	0:00; 4/11/2016-GMT	
Fair	20%	0	Fuzzy / 3		T	Effort Hours 8:00	

**Apr 11** Day 56 of 101

Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	0	Indeterminate / 3	01	09:00 -PDT	16:00-GMT	
					SD	Pacific White-sided dolphin	Total 10 — 0 Calves
						Position: 129° / 1922 m Direction: Circling; Behavior: Foraging	
Quality	CCvr	BR	Horiz / Vis nm	02	09:06 -PDT	16:06-GMT	
Fair	100%	0	Indeterminate / 3		SD	Pacific White-sided dolphin	Total 10 — 0 Calves
						Position: 118° / 1922 m Direction: Circling; Behavior: Foraging	
Quality	CCvr	BR	Horiz / Vis nm	03	09:08 -PDT	16:08-GMT	
Fair	100%	0	Indeterminate / 3		SO	Southern Sea otter	Total 1 — 0 Pups
						Position: 113° / 1483 m ; Behavior: on back, resting	
Quality	CCvr	BR	Horiz / Vis nm	04	09:10 -PDT	16:10-GMT	
Fair	100%	0	Indeterminate / 3		SP	Harbor seal	Total 3 — 0 Pups
						Position: 110° / 1331 m ; Behavior: in large group	
Quality	CCvr	BR	Horiz / Vis nm	05	09:17 -PDT	16:17-GMT	
Fair	100%	0	Indeterminate / 3		SP	Harbor seal	Total 1 — 0 Pups
						Position: 114° / 1331 m ; Behavior: in large group	
Quality	CCvr	BR	Horiz / Vis nm	06	11:16 -PDT	18:16-GMT	
Good	80%	1	Fuzzy / 3		SP	Harbor seal	Total 1 — 0 Pups
						Position: 130° / 314 m Direction: West; Behavior: Traveling • Diving	
Quality	CCvr	BR	Horiz / Vis nm	07	11:27 -PDT	18:27-GMT	
Good	80%	2	Fuzzy / 3		SD	Pacific White-sided dolphin	Total 15 — 0 Calves
						Position: 174° / 1106 m Direction: East; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm	08	11:28 -PDT	18:28-GMT	
Good	80%	2	Fuzzy / 3		SP	Harbor seal	Total 1 — 0 Pups
						Position: 155° / 231 m ; Behavior: Foraging	
Quality	CCvr	BR	Horiz / Vis nm	09	11:33 -PDT	18:33-GMT	
Good	80%	2	Fuzzy / 3		SD	Pacific White-sided dolphin	Total 60 — 0 Calves
						Position: 197° / 778 m Direction: Circling; Behavior: Foraging	
Quality	CCvr	BR	Horiz / Vis nm	10	12:18 -PDT	19:18-GMT	
Good	0%	1	Fuzzy / 3		SP	California sea lion	
						Position: 104° / m ; Behavior: Rescue attempt	
Quality	CCvr	BR	Horiz / Vis nm	11	12:41 -PDT	19:41-GMT	
Good	0%	1	Fuzzy / 3		SD	Pacific White-sided dolphin	Total 5 — 0 Calves
						Position: 132° / 1483 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm	12	13:29 -PDT	20:29-GMT	
Good	0%	1	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 131° / 2749 m Direction: West; Behavior: Traveling • Fluke	
Quality	CCvr	BR	Horiz / Vis nm	13	13:57 -PDT	20:57-GMT <a href="#">Images: 3237-76</a>	
Good	0%	1	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 1 Calf
						Position: 105° / 2260 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm	14	16:31 -PDT	23:31-GMT	
Fair	0%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 1 — 0 Calves
						Position: 104° / 1922 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm	End Day	17:00 -PDT	0:00; 4/12/2016-GMT	
Fair	0%	3	Fuzzy / 3		T	Effort Hours 8:00	

**Apr 12** Day 57 of 101

Quality	CCvr	BR	Horiz / Vis nm				
Fair	0%	1	Fuzzy / 3	01	09:03 -PDT	16:03-GMT	
					SP	Harbor seal	Total 3 — 0 Pups
						Position: 110° / 1483 m ; Behavior: Foraging • in large group	
Quality	CCvr	BR	Horiz / Vis nm	02	09:04 -PDT	16:04-GMT	
Fair	0%	1	Fuzzy / 3		SP	Harbor seal	Total 1 — 0 Pups
						Position: 113° / 883 m Direction: North; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm	03	09:06 -PDT	16:06-GMT	
Fair	0%	1	Fuzzy / 3		SP	Harbor seal	Total 1 — 0 Pups
						Position: 115° / 1331 m ; Behavior: Foraging	

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm	04	09:10 -PDT	16:10-GMT		
Fair	0%	1	Fuzzy / 3	SO		Southern Sea otter	Total 1 — 0 Pups	
						Position: 118° / 1331 m ; Behavior: on back, resting		
Quality	CCvr	Bft	Horiz / Vis nm	05	10:26 -PDT	17:26-GMT	Images: 3324-31	
Good	0%	1	Fuzzy / 3	S		Gray whale (northbound)	Total 2 — 1 Calf	
						Position: 122° / 1020 m Direction: West; Behavior: Traveling • Breach		
Quality	CCvr	Bft	Horiz / Vis nm	06	14:52 -PDT	21:52-GMT		
Good	0%	1	Fuzzy / 3	SP		Harbor seal	Total 1 — 0 Pups	
						Position: 212° / 100 m ; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	07	15:34 -PDT	22:34-GMT		
Good	0%	1	Fuzzy / 3	SP		Harbor seal	Total 1 — 0 Pups	
						Position: 229° / 280 m ; Behavior: Foraging		
Quality	CCvr	Bft	Horiz / Vis nm	08	16:41 -PDT	23:41-GMT		
Good	0%	3	Fuzzy / 3	SD		Pacific White-sided dolphin	Total 6 — 0 Calves	
						Position: 127° / 883 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	End Day	17:00 -PDT	0:00; 4/13/2016-GMT		
Good	0%	3	Fuzzy / 3	T		Effort Hours 8:00		

Apr 13 Day 58 of 101

Quality	CCvr	Bft	Horiz / Vis nm	01	09:06 -PDT	16:06-GMT		
Poor	100%	3	Indeterminate / 2	SP		Harbor seal	Total 2 — 0 Pups	
						Position: 110° / 1483 m ; Behavior: Foraging • in large group		
Quality	CCvr	Bft	Horiz / Vis nm	02	10:39 -PDT	17:39-GMT		
Fair	60%	2	Fuzzy / 2	SP		Harbor seal	Total 1 — 0 Pups	
						Position: 181° / 280 m Direction: Circling; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	03	10:56 -PDT	17:56-GMT		
Fair	40%	1	Fuzzy / 2	SD		Bottlenose dolphin	Total 2 — 0 Calves	
						Position: 144° / 946 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	04	11:23 -PDT	18:23-GMT	Images: 3447-3585	
Fair	60%	1	Fuzzy / 2	S		Gray whale (northbound)	Total 8 — 4 Calves	
						Position: 102° / 2749 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	05	13:22 -PDT	20:22-GMT		
Poor	80%	1	Indeterminate / 1.7	SP		Harbor seal	Total 1 — 0 Pups	
						Position: 214° / 171 m ; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	06	14:14 -PDT	21:14-GMT	Images: 3587-3736	
Good	40%	1	Fuzzy / 3	S		Gray whale (northbound)	Total 2 — 1 Calf	
						Position: 104° / 2260 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	07	14:26 -PDT	21:26-GMT	Images: 3587-3736	
Good	40%	1	Fuzzy / 3	S		Gray whale (northbound)	Total 2 — 1 Calf	
						Position: 103° / 3088 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	08	15:36 -PDT	22:36-GMT		
Good	0%	2	Fuzzy / 3	SD		Pacific White-sided dolphin	Total 8 — 0 Calves	
						Position: 224° / 827 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	09	16:15 -PDT	23:15-GMT		
Good	0%	2	Fuzzy / 3	SO		Southern Sea otter	Total 1 — 0 Pups	
						Position: 112° / 1331 m ; Behavior: on back, resting		
Quality	CCvr	Bft	Horiz / Vis nm	10	16:27 -PDT	23:27-GMT	Images: 3738-52	
Good	0%	3	Fuzzy / 3	S		Gray whale (northbound)	Total 2 — 1 Calf	
						Position: 103° / 2260 m Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	11	16:58 -PDT	23:58-GMT		
Good	0%	3	Fuzzy / 3	SD		Bottlenose dolphin	Total 3 — 0 Calves	
						Position: 202° / 330 m Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	End Day	17:00 -PDT	0:00; 4/14/2016-GMT		
Good	0%	3	Fuzzy / 3	T		Effort Hours 8:00		

Apr 14 Day 59 of 101

Quality	CCvr	Bft	Horiz / Vis nm	End Day	09:06 -PDT	16:06-GMT		
Not	0%	5	Fuzzy / 3	T		Effort Hours 0:06		

Apr 15 Day 60 of 101

Quality	CCvr	Bft	Horiz / Vis nm	01	09:06 -PDT	16:06-GMT		
Poor	0%	4	Fuzzy / 3	SW		Humpback whale	Total 2 — 0 Calves	

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm				
Good	0%	0	Fuzzy / 3	12	14:16 -PDT	21:16-GMT <a href="#">Images: 4063-83</a>	Total 2 — 1 Calf
					S	Gray whale (northbound) Position: 134° / 600 m Direction: West; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	13	14:47 -PDT	21:47-GMT	Total 1 — 0 Pups
					SP	Harbor seal Position: 169° / 223 m Direction: East; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	14	14:53 -PDT	21:53-GMT	Total 10 — 0 Calves
					SD	Pacific White-sided dolphin Position: 142° / 1483 m Direction: West; Behavior: Traveling	
Good	0%	2	Fuzzy / 3	15	16:32 -PDT	23:32-GMT <a href="#">Images: 4088-4107</a>	Total 4 — 2 Calves
					S	Gray whale (northbound) Position: 99° / 2749 m Direction: West; Behavior: Traveling	
Good	0%	2	Fuzzy / 3	End Day	17:00 -PDT	0:00; 4/17/2016-GMT	
					T	Effort Hours 8:00	

Apr 17 Day 62 of 101

Quality	CCvr	Bft	Horiz / Vis nm				
Good	0%	0	Fuzzy / 3	01	09:08 -PDT	16:08-GMT <a href="#">Images: `</a>	Total 3 — 0 Pups
					SP	Harbor seal Position: 112° / 1331 m ; Behavior: in large group • Foraging	
Good	0%	0	Fuzzy / 3	02	09:13 -PDT	16:13-GMT	Total 4 — 1 Calf
					SD	Bottlenose dolphin Position: 124° / 489 m Direction: East; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	03	09:22 -PDT	16:22-GMT	Total 5 — 0 Calves
					SD	Pacific White-sided dolphin Position: 170° / 1106 m Direction: East; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	Va	09:41 -PDT	16:41-GMT	
					V	Private Sportfishing Position: 131° / 1331 m	
Good	0%	0	Fuzzy / 3	04	11:09 -PDT	18:09-GMT	Total 1 — 0 Pups
					SO	Southern Sea otter Position: 115° / 1674 m Direction: East; Behavior: Swimming	
Good	0%	0	Fuzzy / 3	05	12:04 -PDT	19:04-GMT	Total 1 — 0 Calves
					SW	unidentified large whale Position: 138° / 2749 m Direction: West; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	06	12:14 -PDT	19:14-GMT	Total 1 — 0 Pups
					SP	Harbor seal Position: 164° / 600 m Direction: West; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	07	12:44 -PDT	19:44-GMT	Total 3 — 0 Calves
					SD	Bottlenose dolphin Position: 275° / 489 m Direction: Circling; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	08	12:58 -PDT	19:58-GMT	Total 2 — 1 Calf
					S	Gray whale (northbound) Position: 140° / 1483 m Direction: West; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	09	13:15 -PDT	20:15-GMT <a href="#">Images: 4120-32</a>	Total 2 — 1 Calf
					S	Gray whale (northbound) Position: 100° / 2749 m Direction: West; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	Vb	13:29 -PDT	20:29-GMT	
					V	Touring Whale watching Position: 105° / 2749 m Direction: West	
Good	0%	0	Fuzzy / 3	10	14:19 -PDT	21:19-GMT	Total 4 — 0 Calves
					SD	Bottlenose dolphin Position: 249° / 356 m Direction: East; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	11	14:57 -PDT	21:57-GMT	Total 2 — 1 Calf
					S	Gray whale (northbound) Position: 152° / 1331 m Direction: West; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	12	15:27 -PDT	22:27-GMT	Total 4 — 0 Calves
					SD	Bottlenose dolphin Position: 119° / 1208 m Direction: Circling; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	13	15:45 -PDT	22:45-GMT	Total 5 — 0 Calves
					SD	Bottlenose dolphin Position: 213° / 528 m Direction: East; Behavior: Traveling	
Good	0%	0	Fuzzy / 3	14	15:51 -PDT	22:51-GMT <a href="#">Images: 4161-4223</a>	Total 2 — 1 Calf
					S	Gray whale (northbound)	

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	BR	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	15	16:14 -PDT	23:14-GMT <a href="#">Images: 4134-60</a>
					S	Gray whale (northbound)
						Position: 133° / 1483 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	BR	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	16	16:47 -PDT	23:47-GMT <a href="#">Images: 4225-36</a>
					S	Gray whale (northbound)
						Position: 162° / 600 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	BR	Horiz / Vis nm	End Day	17:00 -PDT	0:00; 4/18/2016-GMT
Good	0%	0	Fuzzy / 3		T	Effort Hours 8:00

**Apr 18** Day 63 of 101

Quality	CCvr	BR	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	01	09:57 -PDT	16:57-GMT
					SD	Bottlenose dolphin
						Position: 127° / 661 m Direction: East; Behavior: Traveling
						Total 3 — 1 Calf
Quality	CCvr	BR	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	02	10:04 -PDT	17:04-GMT <a href="#">Images: none</a>
					S	Gray whale (northbound)
						Position: 118° / 2260 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	BR	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	03	10:28 -PDT	17:28-GMT
					SD	Pacific White-sided dolphin
						Position: 172° / 778 m Direction: West; Behavior: Traveling
						Total 6 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	04	10:35 -PDT	17:35-GMT
					SD	Pacific White-sided dolphin
						Position: 179° / 778 m Direction: West; Behavior: Traveling
						Total 80 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	05	10:40 -PDT	17:40-GMT <a href="#">Images: 4238-64</a>
					S	Gray whale (northbound)
						Position: 104° / 1208 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 2	06	12:00 -PDT	19:00-GMT
					SD	Pacific White-sided dolphin
						Position: 126° / 1483 m Direction: West; Behavior: Traveling
						Total 7 — 0 Calves
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 2	07	13:22 -PDT	20:22-GMT <a href="#">Images: 4266-78</a>
					S	Gray whale (northbound)
						Position: 101° / 3088 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 2	08	13:36 -PDT	20:36-GMT
					SO	Southern Sea otter
						Position: 110° / 1674 m ; Behavior: on back, resting
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 2	09	13:46 -PDT	20:46-GMT <a href="#">Images: none</a>
					S	Gray whale (northbound)
						Position: 176° / 946 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 2	10	14:23 -PDT	21:23-GMT
					SP	Harbor seal
						Position: 105° / 1483 m ; Behavior: Traveling
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 2	11	14:24 -PDT	21:24-GMT <a href="#">Images: 4280-4345</a>
					S	Gray whale (northbound)
						Position: 105° / 2749 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 2	12	15:50 -PDT	22:50-GMT
					SP	Harbor seal
						Position: 249° / 70 m Direction: East; Behavior: Traveling
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 2	13	15:51 -PDT	22:51-GMT
					SP	Northern Fur seal
						Position: 197° / 169 m ; Behavior: in large group
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm			
Fair	0%	0	Fuzzy / 2	14	16:09 -PDT	23:09-GMT <a href="#">Images: 4400-52</a>
					S	Gray whale (northbound)
						Position: 118° / 1674 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	BR	Horiz / Vis nm	End Day	17:00 -PDT	0:00; 4/19/2016-GMT
Fair	0%	0	Fuzzy / 2		T	Effort Hours 8:00

**Apr 19** Day 64 of 101

Quality	CCvr	BR	Horiz / Vis nm			
Fair	20%	1	Fuzzy / 3	01	09:07 -PDT	16:07-GMT
					SP	Harbor seal
						Position: 128° / 347 m Direction: East; Behavior: Traveling
						Total 1 — 0 Pups
Quality	CCvr	BR	Horiz / Vis nm			
Fair	20%	1	Fuzzy / 3	02	09:14 -PDT	16:14-GMT <a href="#">Images: 4456-72</a>
					SD	Pacific White-sided dolphin
						Position: 129° / 1922 m Direction: West; Behavior: Traveling
						Total 15 — 0 Calves

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm	03	10:30 -PDT	17:30-GMT			
Good	0%	0	Fuzzy / 3		SD	Pacific White-sided dolphin		Total 2	— 0 Calves
						Position: 177° / 1106 m	Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	04	11:15 -PDT	18:15-GMT	Images: 4496-4676		
Good	40%	1	Fuzzy / 3		S	Gray whale (northbound)		Total 6	— 3 Calves
						Position: 102° / 3088 m	Direction: West; Behavior: Traveling • Fluke		
Quality	CCvr	Bft	Horiz / Vis nm	05	11:50 -PDT	18:50-GMT	Images: 4484-94		
Good	40%	1	Fuzzy / 3		SD	Bottlenose dolphin		Total 3	— 0 Calves
						Position: 266° / 307 m	Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	06	11:52 -PDT	18:52-GMT	Images: 4537-41		
Good	40%	1	Fuzzy / 3		S	Gray whale (northbound)		Total 2	— 1 Calf
						Position: 112° / 3088 m	Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	07	12:31 -PDT	19:31-GMT			
Good	20%	1	Fuzzy / 3		SD	Bottlenose dolphin		Total 2	— 0 Calves
						Position: 234° / 231 m	Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	08	13:07 -PDT	20:07-GMT	Images: 4678-80		
Good	40%	1	Fuzzy / 3		SP	Harbor seal		Total 1	— 0 Pups
						Position: 189° / 70 m	Direction: ni; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	09	13:26 -PDT	20:26-GMT	Images: none		
Good	40%	1	Fuzzy / 3		SD	Bottlenose dolphin		Total 2	— 0 Calves
						Position: 125° / 227 m	Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	10	13:38 -PDT	20:38-GMT			
Good	60%	1	Fuzzy / 3		SW	Humpback whale		Total 1	— 0 Calves
						Position: 156° / 3528 m	Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	11	13:52 -PDT	20:52-GMT	Images: 4689-4784		
Good	60%	1	Fuzzy / 3		S	Gray whale (northbound)		Total 2	— 1 Calf
						Position: 107° / 2749 m	Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	12	14:11 -PDT	21:11-GMT			
Good	60%	0	Fuzzy / 3		SD	Pacific White-sided dolphin		Total 20	— 0 Calves
						Position: 154° / 1403 m	Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	13	14:24 -PDT	21:24-GMT			
Good	60%	0	Fuzzy / 3		SD	Pacific White-sided dolphin		Total 150	— 0 Calves
						Position: 188° / 778 m	Direction: East; Behavior: Traveling • Leap		
Quality	CCvr	Bft	Horiz / Vis nm	14	14:33 -PDT	21:33-GMT	Images: 4786-92		
Good	60%	0	Fuzzy / 3		SD	Bottlenose dolphin		Total 3	— 0 Calves
						Position: 269° / 212 m	Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	15	14:43 -PDT	21:43-GMT	Images: 4795-4835		
Good	60%	0	Fuzzy / 3		S	Gray whale (northbound)		Total 2	— 1 Calf
						Position: 108° / 1922 m	Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	16	15:04 -PDT	22:04-GMT	Images: none		
Fair	80%	0	Fuzzy / 3		S	Gray whale (northbound)		Total 2	— 1 Calf
						Position: 152° / 1483 m	Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	17	16:14 -PDT	23:14-GMT			
Fair	80%	0	Fuzzy / 3		SP	Harbor seal		Total 1	— 0 Pups
						Position: 133° / 253 m	Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	End Day	17:00 -PDT	0:00; 4/20/2016-GMT			
Fair	80%	0	Fuzzy / 3		T	Effort Hours 8:00			

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Quality	CCvr	Bft	Horiz / Vis nm	01	08:58 -PDT	15:58-GMT	Images: 4839-83		
Fair	0%	0	Fuzzy / 3		S	Gray whale (northbound)		Total 2	— 1 Calf
						Position: 119° / 827 m	Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	02	08:59 -PDT	15:59-GMT	Images: 4885-4933		
Fair	0%	0	Fuzzy / 3		S	Gray whale (northbound)		Total 2	— 1 Calf
						Position: 113° / 2260 m	Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	03	09:50 -PDT	16:50-GMT			
Fair	0%	0	Fuzzy / 3		SP	Harbor seal		Total 1	— 0 Pups
						Position: 110° / 1483 m	Behavior: in large group		
Quality	CCvr	Bft	Horiz / Vis nm	04	10:22 -PDT	17:22-GMT	Images: none		
Good	0%	0	Fuzzy / 3		S	Gray whale (northbound)		Total 1	— 0 Calves
						Position: 109° / 3088 m	Direction: West; Behavior: Traveling • Fluke		
Quality	CCvr	Bft	Horiz / Vis nm	05	11:01 -PDT	18:01-GMT	Images: 4935-58		
Good	0%	0	Fuzzy / 3		SP	California sea lion			

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

## 2016 All Sighting Numbers, Raw

Quality	CCvr	Brt	Horiz / Vis nm				
Good	0%	0	Fuzzy / 3	06	11:21 -PDT	18:21-GMT	
					SD	<b>Bottlenose dolphin</b>	Total 2 — 0 Calves
						Position: 151° / 280 m Direction: East; Behavior: Traveling	
Good	0%	1	Fuzzy / 3	07	11:46 -PDT	18:46-GMT	Images: 4960-86
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 107° / 2749 m Direction: West; Behavior: Traveling	
Good	0%	1	Fuzzy / 3	08	11:47 -PDT	18:47-GMT	Images: 4988-5088
					S	<b>Gray whale (northbound)</b>	Total 6 — 3 Calves
						Position: 104° / 3088 m Direction: West; Behavior: Traveling	
Good	0%	1	Fuzzy / 3	09	12:25 -PDT	19:25-GMT	Images: 5095-5193
					S	<b>Gray whale (northbound)</b>	Total 6 — 3 Calves
						Position: 105° / 3088 m Direction: West; Behavior: Traveling	
Good	0%	1	Fuzzy / 3	10	12:58 -PDT	19:58-GMT	
					SD	<b>Bottlenose dolphin</b>	Total 3 — 0 Calves
						Position: 164° / 293 m Direction: East; Behavior: Traveling	
Good	0%	1	Fuzzy / 3	11	13:28 -PDT	20:28-GMT	
					SW	<b>unidentified large whale</b>	Total 1 — 0 Calves
						Position: 169° / 1106 m Direction: West; Behavior: Traveling	
Good	0%	3	Fuzzy / 3	12	14:48 -PDT	21:48-GMT	Images: 5195-5213
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 130° / 661 m Direction: West; Behavior: Traveling	
Good	0%	3	Fuzzy / 3	13	15:31 -PDT	22:31-GMT	Images: 5220-38
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 168° / 629 m Direction: West; Behavior: Traveling	
Good	0%	3	Fuzzy / 3	End Day	17:00 -PDT	0:00; 4/21/2016-GMT	
					T	Effort Hours 8:02	

## Apr 21 Day 66 of 101

Quality	CCvr	Brt	Horiz / Vis nm				
Fair	20%	0	Fuzzy / 2	01	08:54 -PDT	15:54-GMT	Images: 5242-7
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 264° / 539 m Direction: West; Behavior: Traveling	
Fair	20%	0	Fuzzy / 2	02	09:15 -PDT	16:15-GMT	Images: 5249-63
					SD	<b>Bottlenose dolphin</b>	Total 3 — 0 Calves
						Position: 271° / 314 m Direction: East; Behavior: Traveling	
Fair	20%	0	Fuzzy / 2	03	09:36 -PDT	16:36-GMT	Images: 5265-5318
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 107° / 1403 m Direction: West; Behavior: Traveling	
Good	20%	0	Fuzzy / 3	04	11:14 -PDT	18:14-GMT	Images: 5320-99
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 105° / 2260 m Direction: West; Behavior: Traveling	
Good	20%	0	Fuzzy / 3	05	11:49 -PDT	18:49-GMT	Images: none
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 164° / 1922 m Direction: West; Behavior: Traveling	
Good	20%	2	Fuzzy / 3	06	12:07 -PDT	19:07-GMT	Images: 5401-34
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 110° / 1922 m Direction: West; Behavior: Traveling	
Fair	60%	4	Fuzzy / 3	07	14:32 -PDT	21:32-GMT	Images: 5444-69
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 114° / 1674 m Direction: West; Behavior: Traveling	
Not	60%	6	Fuzzy / 3	End Day	15:32 -PDT	22:32-GMT	
					T	Effort Hours 6:38	

## Apr 22 Day 67 of 101

Quality	CCvr	Brt	Horiz / Vis nm				
Good	0%	0	Sharp / 3	01	08:49 -PDT	15:49-GMT	Images: 5470-5523
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 125° / 356 m Direction: West; Behavior: Traveling	
Good	0%	0	Sharp / 3	02	08:51 -PDT	15:51-GMT	Images: 5525-5609
					S	<b>Gray whale (northbound)</b>	Total 4 — 2 Calves
						Position: 126° / 661 m Direction: West; Behavior: Traveling	
Good	0%	0	Sharp / 3	03	09:49 -PDT	16:49-GMT	Images: none
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 114° / 2260 m Direction: West; Behavior: Traveling	

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm	04	10:05 -PDT	17:05-GMT	Images: 5626-9		
Good	0%	1	Sharp / 3		SD		Bottlenose dolphin	Total 2	— 0 Calves
							Position: 149° / 212 m		
							Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	05	10:12 -PDT	17:12-GMT			
Good	0%	1	Sharp / 3		SW		Humpback whale	Total 2	— 0 Calves
							Position: 190° / 5027 m		
							Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	06	10:31 -PDT	17:31-GMT			
Good	0%	0	Sharp / 3		SD		Pacific White-sided dolphin	Total 8	— 0 Calves
							Position: 174° / 1106 m		
							Direction: West; Behavior: Traveling • Leap		
Quality	CCvr	Bft	Horiz / Vis nm	07	10:36 -PDT	17:36-GMT			
Good	0%	0	Sharp / 3		SD		Pacific White-sided dolphin	Total 30	— 0 Calves
							Position: 130° / 1922 m		
							Direction: West; Behavior: Foraging		
Quality	CCvr	Bft	Horiz / Vis nm	08	10:52 -PDT	17:52-GMT	Images: 5643-68		
Good	0%	3	Sharp / 3		S		Gray whale (northbound)	Total 2	— 1 Calf
							Position: 99° / 3088 m		
							Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	09	11:01 -PDT	18:01-GMT	Images: 5643-68		
Good	0%	3	Sharp / 3		S		Gray whale (northbound)	Total 2	— 1 Calf
							Position: 102° / 3088 m		
							Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	10	12:30 -PDT	19:30-GMT	Images: 5672-82		
Fair	0%	4	Sharp / 3		S		Gray whale (northbound)	Total 2	— 1 Calf
							Position: 135° / 778 m		
							Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	End Day	12:38 -PDT	19:38-GMT			
Not	0%	5	Sharp / 3		T		Effort Hours 3:49		

Apr 23 Day 68 of 101

Quality	CCvr	Bft	Horiz / Vis nm	01	08:41 -PDT	15:41-GMT	Images: 5645-5700		
Fair	0%	3	Sharp / 3		S		Gray whale (northbound)	Total 2	— 1 Calf
							Position: 134° / 678 m		
							Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	02	08:44 -PDT	15:44-GMT	Images: 5702-68		
Fair	0%	3	Sharp / 3		S		Gray whale (northbound)	Total 4	— 2 Calves
							Position: 121° / 1208 m		
							Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	03	09:17 -PDT	16:17-GMT			
Fair	0%	3	Sharp / 3		SD		Bottlenose dolphin	Total 3	— 0 Calves
							Position: 137° / 661 m		
							Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	04	10:03 -PDT	17:03-GMT			
Fair	0%	3	Sharp / 3		SO		Southern Sea otter	Total 1	— 0 Pups
							Position: 115° / 1674 m		
							Behavior: on back, resting		
Quality	CCvr	Bft	Horiz / Vis nm	05	10:15 -PDT	17:15-GMT			
Fair	0%	3	Sharp / 3		SD		Bottlenose dolphin	Total 1	— 0 Calves
							Position: 149° / 356 m		
							Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	06	10:26 -PDT	17:26-GMT			
Fair	0%	3	Sharp / 3		SD		Pacific White-sided dolphin	Total 5	— 0 Calves
							Position: 183° / 1674 m		
							Direction: West; Behavior: Foraging		
Quality	CCvr	Bft	Horiz / Vis nm	07	10:43 -PDT	17:43-GMT	Images: 5770-5998		
Fair	0%	3	Sharp / 3		S		Gray whale (northbound)	Total 6	— 3 Calves
							Position: 98° / 3088 m		
							Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	08	11:08 -PDT	18:08-GMT			
Good	0%	3	Sharp / 3		SW		unidentified large whale	Total 1	— 0 Calves
							Position: 149° / 3528 m		
							Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	09	11:12 -PDT	18:12-GMT			
Good	0%	3	Sharp / 3		SW		Humpback whale	Total 2	— 0 Calves
							Position: 157° / 3528 m		
							Direction: East; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	10	12:00 -PDT	19:00-GMT	Images: 6000-12		
Good	0%	3	Sharp / 3		S		Gray whale (northbound)	Total 2	— 1 Calf
							Position: 134° / 1403 m		
							Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	11	12:22 -PDT	19:22-GMT	Images: 6014-18		
Good	0%	3	Sharp / 3		S		Gray whale (northbound)	Total 2	— 1 Calf
							Position: 121° / 1922 m		
							Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	12	12:43 -PDT	19:43-GMT	Images: 6025-6262		
Good	0%	3	Sharp / 3		S		Gray whale (northbound)	Total 6	— 3 Calves
							Position: 106° / 3088 m		
							Direction: West; Behavior: Traveling		
Quality	CCvr	Bft	Horiz / Vis nm	13	13:31 -PDT	20:31-GMT	Images: 6264-75		
Poor	0%	4	Sharp / 3		S		Gray whale (northbound)	Total 2	— 1 Calf

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



2016 All Sighting Numbers, Raw

Quality	CCvr	Bt	Horiz / Vis nm	End Day				
Not 0%		5	Sharp / 3	14:20 -PDT	21:20-GMT			T Effort Hours 5:39
<b>Apr 24 Day 69 of 101</b>								
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 80%		2	Fuzzy / 3	01	09:03 -PDT	16:03-GMT	Images: 6277-6567	
					S	Gray whale (northbound)		Total 6 — 3 Calves
						Position: 118° / 1208 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 80%		3	Fuzzy / 2	02	10:46 -PDT	17:46-GMT		
					SP	Harbor seal		Total 1 — 0 Pups
						Position: 199° / 426 m ; Behavior: in large group		
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 60%		2	Fuzzy / 2	03	11:48 -PDT	18:48-GMT		
					SP	Harbor seal		Total 1 — 0 Pups
						Position: 109° / 1403 m ; Behavior: in large group		
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 20%		3	Fuzzy / 2	04	12:24 -PDT	19:24-GMT	Images: 6569-6657	
					S	Gray whale (northbound)		Total 6 — 3 Calves
						Position: 101° / 3088 m	Direction: West; Behavior: Traveling • Sharking • Rolling • Bubbles Blast	
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 20%		3	Fuzzy / 2	05	12:54 -PDT	19:54-GMT	Images: 6659-79	
					S	Gray whale (northbound)		Total 2 — 1 Calf
						Position: 106° / 3088 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 20%		3	Fuzzy / 2	06	13:21 -PDT	20:21-GMT	Images: 6704-6801	
					S	Gray whale (northbound)		Total 2 — 1 Calf
						Position: 105° / 2260 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 20%		3	Fuzzy / 2	07	13:28 -PDT	20:28-GMT	Images: 6681-6702	
					S	Gray whale (northbound)		Total 2 — 1 Calf
						Position: 122° / 1106 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 20%		4	Fuzzy / 2	08	13:47 -PDT	20:47-GMT	Images: none	
					S	Gray whale (northbound)		Total 2 — 1 Calf
						Position: 102° / 3088 m	Direction: West; Behavior: Traveling • Rolling	
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 20%		4	Fuzzy / 2	09	14:18 -PDT	21:18-GMT	Images: none	
					S	Gray whale (northbound)		Total 2 — 1 Calf
						Position: 105° / 1922 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bt	Horiz / Vis nm	End Day	14:26 -PDT	21:26-GMT		T Effort Hours 5:26
Not 20%		5	Fuzzy / 2					
<b>Apr 25 Day 70 of 101</b>								
Quality	CCvr	Bt	Horiz / Vis nm					
Poor 0%		4	Fuzzy / 2	01	08:47 -PDT	15:47-GMT	Images: 6803-28	
					S	Gray whale (northbound)		Total 2 — 1 Calf
						Position: 135° / 1106 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bt	Horiz / Vis nm					
Poor 0%		4	Fuzzy / 2	02	08:59 -PDT	15:59-GMT	Images: 6803-28	
					S	Gray whale (northbound)		Total 4 — 2 Calves
						Position: 111° / 1922 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bt	Horiz / Vis nm	End Day	09:27 -PDT	16:27-GMT		T Effort Hours 0:40
Not 0%		5	Fuzzy / 2					
<b>Apr 26 Day 71 of 101</b>								
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 20%		1	Fuzzy / 3	01	08:44 -PDT	15:44-GMT	Images: none	
					S	Gray whale (northbound)		Total 4 — 2 Calves
						Position: 295° / 827 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 20%		1	Fuzzy / 3	02	09:14 -PDT	16:14-GMT	Images: 6827-39	
					SD	Bottlenose dolphin		Total 3 — 0 Calves
						Position: 106° / 600 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 20%		1	Fuzzy / 3	03	09:39 -PDT	16:39-GMT		
					SP	Harbor seal		Total 1 — 0 Pups
						Position: 126° / 447 m ; Behavior: Foraging		
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 20%		1	Fuzzy / 3	04	09:54 -PDT	16:54-GMT	Images: 6839-43	
					SD	Common dolphin, species not determined		Total ~200 — Calves not determined
						Position: 104° / 2749 m	Direction: West; Behavior: Traveling • Parade Line	
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 20%		1	Fuzzy / 3	05	10:01 -PDT	17:01-GMT	Images: 6846-6911	
					S	Gray whale (northbound)		Total 4 — 2 Calves
						Position: 98° / 3088 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bt	Horiz / Vis nm					
Fair 20%		1	Fuzzy / 3	06	12:56 -PDT	19:56-GMT	Images: 6913-6	
					S	Gray whale (northbound)		Total 2 — 1 Calf

2016 All Sighting Numbers, Raw

Quality Fair	CCvr 20%	Bft 1	Horiz / Vis nm Fuzzy / 3	07	13:18 -PDT SW	20:18-GMT Humpback whale Position: 170° / 3528 m Direction: East; Behavior: Traveling	Total 1 — 0 Calves
Quality Fair	CCvr 20%	Bft 1	Horiz / Vis nm Fuzzy / 3	08	13:22 -PDT S	20:22-GMT Images: 6918-33 Gray whale (northbound) Position: 130° / 778 m Direction: West; Behavior: Traveling	Total 2 — 1 Calf
Quality Fair	CCvr 40%	Bft 2	Horiz / Vis nm Fuzzy / 3	09	13:33 -PDT S	20:33-GMT Images: 6935-7076 Gray whale (northbound) Position: 123° / 600 m Direction: West; Behavior: Traveling	Total 4 — 2 Calves
Quality Fair	CCvr 40%	Bft 2	Horiz / Vis nm Fuzzy / 3	10	14:01 -PDT SD	21:01-GMT Bottlenose dolphin Position: 246° / 455 m Direction: East; Behavior: Traveling	Total 3 — 0 Calves
Quality Fair	CCvr 40%	Bft 2	Horiz / Vis nm Fuzzy / 2	11	14:26 -PDT S	21:26-GMT Images: 7078-7131 Gray whale (northbound) Position: 132° / 600 m Direction: West; Behavior: Traveling	Total 2 — 1 Calf
Quality Fair	CCvr 40%	Bft 2	Horiz / Vis nm Fuzzy / 2	12	14:27 -PDT S	21:27-GMT Images: 7078-7131 Gray whale (northbound) Position: 130° / 330 m Direction: West; Behavior: Traveling	Total 2 — 1 Calf
Quality Fair	CCvr 40%	Bft 2	Horiz / Vis nm Fuzzy / 2	13	14:30 -PDT S	21:30-GMT Images: 7078-7131 Gray whale (northbound) Position: 124° / 550 m Direction: West; Behavior: Traveling	Total 2 — 1 Calf
Quality Fair	CCvr 40%	Bft 2	Horiz / Vis nm Fuzzy / 2	14	15:12 -PDT SP	22:12-GMT Harbor seal Position: 111° / 1483 m ; Behavior: Foraging	Total 1 — 0 Pups
Quality Fair	CCvr 60%	Bft 3	Horiz / Vis nm Fuzzy / 2	15	15:55 -PDT S	22:55-GMT Images: 7134-48 Gray whale (northbound) Position: 129° / 1331 m Direction: West; Behavior: Traveling	Total 2 — 1 Calf
Quality Fair	CCvr 60%	Bft 3	Horiz / Vis nm Fuzzy / 2	16	16:35 -PDT SW	23:35-GMT Humpback whale Position: 135° / 3528 m Direction: East; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 60%	Bft 3	Horiz / Vis nm Fuzzy / 2	End Day	17:00 -PDT	0:00; 4/27/2016-GMT T Effort Hours 8:16	

**Apr 27** Day 72 of 101

Quality Not	CCvr 0%	Bft 5	Horiz / Vis nm Fuzzy / 1.7	End Day	11:46 -PDT	18:46-GMT T Effort Hours 2:46	
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**Apr 28** Day 73 of 101

Quality Fair	CCvr 20%	Bft 3	Horiz / Vis nm Fuzzy / 2	01	08:46 -PDT S	15:46-GMT Images: 7165-7262 Gray whale (northbound) Position: 123° / 661 m Direction: West; Behavior: Traveling	Total 6 — 3 Calves
Quality Fair	CCvr 20%	Bft 3	Horiz / Vis nm Fuzzy / 2	02	09:22 -PDT S	16:22-GMT Images: 7264-95 Gray whale (northbound) Position: 109° / 1922 m Direction: West; Behavior: Traveling	Total 4 — 2 Calves
Quality Not	CCvr 0%	Bft 5	Horiz / Vis nm Fuzzy / 1.7	End Day	09:48 -PDT	16:48-GMT T Effort Hours 1:02	

**Apr 29** Day 74 of 101

Quality Fair	CCvr 40%	Bft 1	Horiz / Vis nm Indeterminate / 1.7	01	09:53 -PDT SP	16:53-GMT Harbor seal Position: 103° / 314 m Direction: East; Behavior: Traveling	Total 1 — 0 Pups
Quality Fair	CCvr 40%	Bft 1	Horiz / Vis nm Indeterminate / 1.7	02	10:05 -PDT SP	17:05-GMT Harbor seal Position: 196° / 356 m ; Behavior: in large group	Total 1 — 0 Pups
Quality Fair	CCvr 40%	Bft 1	Horiz / Vis nm Indeterminate / 1.7	03	10:28 -PDT SD	17:28-GMT Common dolphin, species not determined Position: 123° / 3528 m Direction: East; Behavior: Traveling • Parade Line	Total ~200 — Calves not determined
Quality Fair	CCvr 40%	Bft 1	Horiz / Vis nm Indeterminate / 1.7	04	10:34 -PDT SD	17:34-GMT Pacific White-sided dolphin Position: 174° / 913 m Direction: Circling; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 40%	Bft 0	Horiz / Vis nm Indeterminate / 1.7	05	10:39 -PDT SW	17:39-GMT unidentified large whale	Total 1 — 0 Calves

**Sighting Codes** S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Brt	Horiz / Vis nm					
Fair	40%	0	Indeterminate / 1.7	06	11:11 -PDT	18:11-GMT		
					SD	<b>Bottlenose dolphin</b>	Position: 184° / 330 m	Direction: East; Behavior: Traveling
								Total 2 — 0 Calves
Good	20%	0	Indeterminate / 2	07	11:36 -PDT	18:36-GMT		
					SP	<b>Harbor seal</b>	Position: 109° / 1483 m	Behavior: Foraging
								Total 1 — 0 Pups
Good	0%	0	Fuzzy / 2	08	12:52 -PDT	19:52-GMT	Images: 7315-35	
					S	<b>Gray whale (northbound)</b>	Position: 125° / 1922 m	Direction: West; Behavior: Traveling
								Total 2 — 1 Calf
Good	0%	0	Fuzzy / 2	09	13:19 -PDT	20:19-GMT		
					SD	<b>Pacific White-sided dolphin</b>	Position: 136° / 1331 m	Direction: West; Behavior: Traveling
								Total 4 — 0 Calves
Good	0%	0	Fuzzy / 2	10	13:58 -PDT	20:58-GMT	Images: 7337-62	
					S	<b>Gray whale (northbound)</b>	Position: 100° / 3088 m	Direction: West; Behavior: Traveling
								Total 2 — 1 Calf
Fair	0%	3	Fuzzy / 2	11	15:48 -PDT	22:48-GMT		
					SP	<b>Harbor seal</b>	Position: 253° / 293 m	Direction: East; Behavior: Traveling
								Total 1 — 0 Pups
Fair	0%	3	Fuzzy / 2	12	16:44 -PDT	23:44-GMT	Images: none	
					S	<b>Gray whale (northbound)</b>	Position: 126° / 600 m	Direction: West; Behavior: Traveling
								Total 1 — 0 Calves
				End Day	17:00 -PDT	0:00; 4/30/2016-GMT		
					T	Effort Hours 8:00		

**Apr 30** Day 75 of 101

Fair	0%	1	Fuzzy / 3	01	09:00 -PDT	16:00-GMT		
					SP	<b>Harbor seal</b>	Position: 112° / 1403 m	Behavior: in large group
								Total 1 — 0 Pups
Fair	0%	1	Fuzzy / 3	02	09:27 -PDT	16:27-GMT		
					SP	<b>Harbor seal</b>	Position: 206° / 388 m	Behavior: in large group
								Total 1 — 0 Pups
Good	0%	1	Fuzzy / 3	03	10:32 -PDT	17:32-GMT	Images: 7411-40	
					S	<b>Gray whale (northbound)</b>	Position: 99° / 3088 m	Direction: West; Behavior: Traveling
								Total 2 — 1 Calf
Good	0%	1	Fuzzy / 3	04	10:50 -PDT	17:50-GMT	Images: 7445-6	
					SP	<b>California sea lion</b>	Position: 186° / 40 m	Behavior: Rescue attempt
Good	0%	1	Fuzzy / 3	05	11:30 -PDT	18:30-GMT	Images: 7443-4	
					SO	<b>Southern Sea otter</b>	Position: 202° / 489 m	Direction: West; Behavior: Swimming • with gull(s) • on back, feeding
								Total 1 — 0 Pups
Poor	0%	4	Fuzzy / 2	06	13:15 -PDT	20:15-GMT	Images: 7450-3	
					S	<b>Gray whale (northbound)</b>	Position: 159° / 678 m	Direction: West; Behavior: Traveling
								Total 2 — 1 Calf
Poor	0%	3	Fuzzy / 2	07	13:46 -PDT	20:46-GMT	Images: 7454	
					SW	<b>Humpback whale</b>	Position: 128° / 1403 m	Direction: West; Behavior: Traveling
								Total 1 — 0 Calves
Poor	0%	3	Fuzzy / 2	08	16:10 -PDT	23:10-GMT	Images: none	
					SW	<b>unidentified large whale</b>	Position: 99° / 3088 m	Direction: North; Behavior: Traveling
								Total 1 — 0 Calves
				End Day	17:00 -PDT	0:00; 5/1/2016-GMT		
					T	Effort Hours 8:00		

**May 01** Day 76 of 101

Poor	0%	2	Fuzzy / 2	01	09:06 -PDT	16:06-GMT	Images: 7456-91	
					S	<b>Gray whale (northbound)</b>	Position: 111° / 2749 m	Direction: West; Behavior: Traveling
								Total 2 — 1 Calf
Poor	0%	3	Indeterminate / 1.7	Va	09:34 -PDT	16:34-GMT	Images: 7497-9	
					V	<b>Private Sportfishing</b>	Position: 172° / 1922 m	
Poor	0%	3	Fuzzy / 2	02	09:58 -PDT	16:58-GMT		
					SO	<b>Southern Sea otter</b>	Position: 106° / 1020 m	Behavior: on back, resting
								Total 1 — 0 Pups

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm				
Poor	0%	3	Fuzzy / 2	03	10:36 -PDT	17:36-GMT <a href="#">Images: 7500-45</a>	Total 2 — 1 Calf
				S		Gray whale (northbound) Position: 101° / 3088 m Direction: West; Behavior: Traveling	
Poor	0%	3	Indeterminate / 1.7	04	11:26 -PDT	18:26-GMT	Total 1 — 0 Pups
				SP		Harbor seal Position: 139° / 366 m Direction: East; Behavior: Traveling	
Poor	0%	3	Indeterminate / 1.7	05	12:16 -PDT	19:16-GMT <a href="#">Images: 7548-7736</a>	Total 4 — 2 Calves
				S		Gray whale (northbound) Position: 105° / 3088 m Direction: West; Behavior: Traveling	
Poor	0%	3	Indeterminate / 1.7	06	12:29 -PDT	19:29-GMT <a href="#">Images: 7548-7736</a>	Total 6 — 3 Calves
				S		Gray whale (northbound) Position: 103° / 3088 m Direction: West; Behavior: Traveling	
Poor	0%	3	Indeterminate / 1.7	07	13:32 -PDT	20:32-GMT <a href="#">Images: 7767-7840</a>	Total 4 — 2 Calves
				S		Gray whale (northbound) Position: 105° / 2749 m Direction: West; Behavior: Traveling	
Poor	0%	3	Indeterminate / 1.7	08	14:08 -PDT	21:08-GMT <a href="#">Images: 7739-60</a>	Total 2 — 0 Calves
				SD		Bottlenose dolphin Position: 226° / 296 m Direction: West; Behavior: Traveling	
Poor	0%	3	Indeterminate / 1.7	09	14:50 -PDT	21:50-GMT <a href="#">Images: 7842-54</a>	Total 2 — 1 Calf
				S		Gray whale (northbound) Position: 102° / 2749 m Direction: West; Behavior: Traveling	
Poor	0%	3	Indeterminate / 1.7	10	15:55 -PDT	22:55-GMT <a href="#">Images: 7856-8019</a>	Total 4 — 2 Calves
				S		Gray whale (northbound) Position: 114° / 1483 m Direction: West; Behavior: Traveling	
Poor	0%	3	Indeterminate / 1.7	11	16:45 -PDT	23:45-GMT <a href="#">Images: 8021-41</a>	Total 2 — 1 Calf
				S		Gray whale (northbound) Position: 126° / 1403 m Direction: West; Behavior: Traveling	
Poor	0%	3	Indeterminate / 1.7	End Day	17:00 -PDT	0:00; 5/2/2016-GMT	
				T		Effort Hours 8:00	

May 02 Day 77 of 101

Quality	CCvr	Bft	Horiz / Vis nm				
Poor	100%	1	Indeterminate / 2	01	09:03 -PDT	16:03-GMT <a href="#">Images: 8043-8175</a>	Total 6 — 3 Calves
				S		Gray whale (northbound) Position: 117° / 528 m Direction: West; Behavior: Traveling	
Poor	100%	1	Indeterminate / 2	02	09:28 -PDT	16:28-GMT <a href="#">Images: 8175-8388 includes video</a>	Total 4 — 2 Calves
				S		Gray whale (northbound) Position: 106° / 2260 m Direction: West; Behavior: Traveling	
Poor	100%	1	Indeterminate / 2	03	09:29 -PDT	16:29-GMT	Total 1 — 0 Pups
				SP		Harbor seal Position: 109° / 1483 m ; Behavior: in large group	
Poor	100%	1	Indeterminate / 2	04	09:40 -PDT	16:40-GMT <a href="#">Images: 8175-8388 includes video</a>	Total 2 — 1 Calf
				S		Gray whale (northbound) Position: 102° / 2749 m Direction: West; Behavior: Traveling	
Poor	100%	1	Indeterminate / 1.5	05	10:36 -PDT	17:36-GMT <a href="#">Images: 8390-8406</a>	Total 2 — 1 Calf
				S		Gray whale (northbound) Position: 172° / 696 m Direction: West; Behavior: Traveling	
Poor	100%	1	Indeterminate / 1.5	06	11:02 -PDT	18:02-GMT <a href="#">Images: 8408-37</a>	Total 7 — 0 Calves
				SD		Bottlenose dolphin Position: 265° / 338 m Direction: East; Behavior: Traveling	
Fair	80%	4	Fuzzy / 3	07	14:50 -PDT	21:50-GMT <a href="#">Images: 8440-8599</a>	Total 8 — 4 Calves
				S		Gray whale (northbound) Position: 101° / 3088 m Direction: West; Behavior: Traveling • Rolling	
Fair	80%	4	Fuzzy / 3	08	16:00 -PDT	23:00-GMT <a href="#">Images: 8601-26</a>	Total 2 — 1 Calf
				S		Gray whale (northbound) Position: 124° / 1106 m Direction: West; Behavior: Traveling	
Fair	80%	4	Fuzzy / 3	End Day	17:00 -PDT	0:00; 5/3/2016-GMT	
				T		Effort Hours 8:00	

May 03 Day 78 of 101

Quality	CCvr	Bft	Horiz / Vis nm				
Poor	100%	1	NV / 1.5	01	09:31 -PDT	16:31-GMT <a href="#">Images: 8628-69</a>	Total 2 — 1 Calf
				S		Gray whale (northbound) Position: 113° / 735 m Direction: West; Behavior: Traveling	

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality Poor	CCvr 100%	Bft 3	Horiz / Vis nm Fuzzy / 2	02	14:55 -PDT	21:55-GMT	SD	Bottlenose dolphin Position: 125° / 539 m Direction: West; Behavior: Traveling	Total 1 — 0 Calves
Quality Poor	CCvr 100%	Bft 3	Horiz / Vis nm Fuzzy / 2	03	15:16 -PDT	22:16-GMT	S	Gray whale (northbound) Position: 98° / 3088 m Direction: West; Behavior: Traveling	Total 4 — 2 Calves
Quality Poor	CCvr 100%	Bft 3	Horiz / Vis nm Fuzzy / 2	04	15:45 -PDT	22:45-GMT	SD	Bottlenose dolphin Position: 234° / 280 m Direction: East; Behavior: Traveling	Total 3 — 0 Calves
Quality Poor	CCvr 100%	Bft 3	Horiz / Vis nm Fuzzy / 2	05	16:23 -PDT	23:23-GMT	S	Gray whale (northbound) Position: 105° / 2749 m Direction: West; Behavior: Traveling	Total 2 — 1 Calf
Quality Poor	CCvr 100%	Bft 3	Horiz / Vis nm Fuzzy / 2	06	16:38 -PDT	23:38-GMT	SP	Harbor seal Position: 110° / 1483 m ; Behavior: in large group	Total 2 — 0 Pups
Quality Poor	CCvr 100%	Bft 3	Horiz / Vis nm Fuzzy / 2	07	16:43 -PDT	23:43-GMT	SD	Bottlenose dolphin Position: 128° / 827 m Direction: East; Behavior: Traveling	Total 3 — 0 Calves
Quality Poor	CCvr 100%	Bft 3	Horiz / Vis nm Fuzzy / 2	End Day	17:00 -PDT	0:00; 5/4/2016-GMT	T	Effort Hours 4:40	

May 04 Day 79 of 101

Quality Poor	CCvr 100%	Bft 0	Horiz / Vis nm Indeterminate / 1.5	01	09:10 -PDT	16:10-GMT	SP	Harbor seal Position: 110° / 1483 m ; Behavior: in large group	Total 1 — 0 Pups
Quality Fair	CCvr 100%	Bft 0	Horiz / Vis nm Fuzzy / 3	02	11:29 -PDT	18:29-GMT	S	Gray whale (northbound) Position: 102° / 3088 m Direction: West; Behavior: Traveling	Total 4 — 2 Calves
Quality Fair	CCvr 100%	Bft 0	Horiz / Vis nm Fuzzy / 3	03	12:14 -PDT	19:14-GMT	S	Gray whale (northbound) Position: 99° / 3088 m Direction: West; Behavior: Traveling • Fluke	Total 4 — 2 Calves
Quality Fair	CCvr 80%	Bft 0	Horiz / Vis nm Fuzzy / 3	04	14:02 -PDT	21:02-GMT	SP	Harbor seal Position: 159° / 314 m Direction: Circling; Behavior: Traveling	Total 1 — 0 Pups
Quality Fair	CCvr 80%	Bft 0	Horiz / Vis nm Fuzzy / 3	05	14:08 -PDT	21:08-GMT	SP	Harbor seal Position: 112° / 1403 m ; Behavior: in large group	Total 1 — 0 Pups
Quality Fair	CCvr 60%	Bft 1	Horiz / Vis nm Fuzzy / 3	06	14:16 -PDT	21:16-GMT	SW	Humpback whale Position: 193° / 5027 m Direction: East; Behavior: Pec Slap • Breach	Total 1 — 0 Calves
Quality Fair	CCvr 20%	Bft 2	Horiz / Vis nm Fuzzy / 3	End Day	17:00 -PDT	0:00; 5/5/2016-GMT	T	Effort Hours 8:00	

May 05 Day 80 of 101

Quality Fair	CCvr 40%	Bft 0	Horiz / Vis nm Indeterminate / 3	01	09:07 -PDT	16:07-GMT	S	Gray whale (northbound) Position: 105° / 2260 m Direction: West; Behavior: Traveling	Total 4 — 2 Calves
Quality Fair	CCvr 40%	Bft 0	Horiz / Vis nm Indeterminate / 3	02	09:20 -PDT	16:20-GMT	SP	Harbor seal Position: 117° / 1403 m ; Behavior: in large group	Total 1 — 0 Pups
Quality Fair	CCvr 40%	Bft 0	Horiz / Vis nm Indeterminate / 3	03	09:29 -PDT	16:29-GMT	SD	Bottlenose dolphin Position: 123° / 412 m Direction: East; Behavior: Traveling	Total 2 — 0 Calves
Quality Fair	CCvr 40%	Bft 0	Horiz / Vis nm Indeterminate / 3	04	09:45 -PDT	16:45-GMT	SD	Bottlenose dolphin Position: 249° / 356 m Direction: East; Behavior: Traveling	Total 8 — 0 Calves
Quality Good	CCvr 40%	Bft 1	Horiz / Vis nm Fuzzy / 3	05	12:12 -PDT	19:12-GMT	SD	Bottlenose dolphin Position: 134° / 366 m Direction: East; Behavior: Traveling	Total 3 — 0 Calves
Quality Fair	CCvr 20%	Bft 0	Horiz / Vis nm Fuzzy / 3	06	13:29 -PDT	20:29-GMT	SD	Bottlenose dolphin Position: 152° / 300 m Direction: East; Behavior: Traveling	Total 3 — 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm	07	14:34 -PDT	21:34-GMT		
Good	20%	1	Fuzzy / 3		SW	Humpback whale	Total 1 — 0 Calves	
						Position: 139° / 1674 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm	08	14:44 -PDT	21:44-GMT	Images: 8985-9021	
Good	20%	1	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 1 Calf	
						Position: 141° / 629 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm	09	15:06 -PDT	22:06-GMT	Images: 9024-26	
Good	20%	1	Fuzzy / 3		SD	Bottlenose dolphin	Total 9 — 1 Calf	
						Position: 285° / 629 m	Direction: East; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm	10	16:16 -PDT	23:16-GMT	Images: 9037-44	
Good	20%	1	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 1 Calf	
						Position: 123° / 827 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm	11	16:47 -PDT	23:47-GMT	Images: 9054-9111	
Good	20%	1	Fuzzy / 3		S	Gray whale (northbound)	Total 6 — 3 Calves	
						Position: 109° / 2260 m	Direction: West; Behavior: Traveling • Rolling	
Quality	CCvr	Bft	Horiz / Vis nm	End Day	17:09 -PDT	0:09; 5/6/2016-GMT		
Good	20%	1	Fuzzy / 3		T	Effort Hours 8:09		

May 06 Day 81 of 101

Quality	CCvr	Bft	Horiz / Vis nm	01	08:52 -PDT	15:52-GMT	Images: 9121-56 includes video	
Fair	20%	1	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 1 Calf	
						Position: 179° / 574 m	Direction: West; Behavior: Traveling • Bubbles Blast	
Quality	CCvr	Bft	Horiz / Vis nm	02	09:20 -PDT	16:20-GMT		
Fair	20%	1	Fuzzy / 3		SP	Harbor seal	Total 1 — 0 Pups	
						Position: 111° / 1483 m	Behavior: in large group	
Quality	CCvr	Bft	Horiz / Vis nm	03	10:16 -PDT	17:16-GMT		
Fair	40%	1	Fuzzy / 3		SW	Humpback whale	Total 1 — 0 Calves	
						Position: 164° / 2749 m	Direction: East; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm	04	11:58 -PDT	18:58-GMT		
Good	0%	2	Fuzzy / 3		SP	Harbor seal	Total 1 — 0 Pups	
						Position: 207° / 447 m	Behavior: in large group	
Quality	CCvr	Bft	Horiz / Vis nm	05	12:10 -PDT	19:10-GMT		
Good	20%	3	Fuzzy / 3		SW	unidentified large whale	Total 1 — 0 Calves	
						Position: 154° / 1483 m	Direction: East; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm	06	12:15 -PDT	19:15-GMT	Images: 9175-9206	
Good	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 6 — 3 Calves	
						Position: 103° / 2749 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm	07	13:00 -PDT	20:00-GMT	Images: 9208-89 includes video	
Good	20%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 6 — 3 Calves	
						Position: 108° / 2260 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm	08	13:41 -PDT	20:41-GMT		
Fair	20%	3	Fuzzy / 3		SD	Common dolphin, species not determined	Total ~1000 — Calves not determined	
						Position: 154° / 2260 m	Direction: West; Behavior: Traveling • Parade Line	
Quality	CCvr	Bft	Horiz / Vis nm	09	14:02 -PDT	21:02-GMT		
Fair	60%	3	Fuzzy / 3		SW	Humpback whale	Total 2 — 0 Calves	
						Position: 163° / 5027 m	Direction: West; Behavior: Traveling • Breach • Fluke • Pec Slap	
Quality	CCvr	Bft	Horiz / Vis nm	10	14:09 -PDT	21:09-GMT	Images: none	
Fair	60%	3	Fuzzy / 3		S	Gray whale (northbound)	Total 2 — 1 Calf	
						Position: 113° / 1483 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm	11	15:24 -PDT	22:24-GMT	Images: 9300-27 includes video	
Fair	80%	2	Fuzzy / 3		S	Gray whale (northbound)	Total 6 — 3 Calves	
						Position: 99° / 3088 m	Direction: West; Behavior: Traveling • Breach	
Quality	CCvr	Bft	Horiz / Vis nm	Va	15:50 -PDT	22:50-GMT	Images: 9295-9	
Fair	80%	2	Fuzzy / 3		V	Private Sportfishing		
						Position: 122° / 1106 m	Direction: East	
Quality	CCvr	Bft	Horiz / Vis nm	12	16:58 -PDT	23:58-GMT	Images: 9339-68 includes video	
Fair	80%	2	Fuzzy / 3		S	Gray whale (northbound)	Total 6 — 3 Calves	
						Position: 100° / 3088 m	Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm	End Day	17:15 -PDT	0:15; 5/7/2016-GMT		
Fair	80%	2	Fuzzy / 3		T	Effort Hours 8:23		

May 07 Day 82 of 101

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm	06	11:45 -PDT	18:45-GMT	Images: 9747-54		
Fair	0%	3	Sharp / 3		S		Gray whale (northbound)	Total 2	— 1 Calf
							Position: 106° / 3088 m		Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	Va	12:33 -PDT	19:33-GMT			
Poor	20%	4	Sharp / 3		V		Private Kayak/canoe		
							Position: 163° / 377 m		
Quality	CCvr	Bft	Horiz / Vis nm	07	12:50 -PDT	19:50-GMT	Images: 9761-9832 includes video		
Good	0%	2	Sharp / 3		S		Gray whale (northbound)	Total 4	— 2 Calves
							Position: 99° / 3088 m		Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	08	13:32 -PDT	20:32-GMT	Images: 9834-72		
Good	0%	3	Sharp / 3		S		Gray whale (northbound)	Total 6	— 3 Calves
							Position: 105° / 2260 m		Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	09	13:53 -PDT	20:53-GMT	Images: 9874-9921 includes video		
Fair	0%	3	Sharp / 3		S		Gray whale (northbound)	Total 4	— 2 Calves
							Position: 102° / 1674 m		Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	10	14:06 -PDT	21:06-GMT	Images: 9923-54 division		
Fair	0%	3	Sharp / 3		S		Gray whale (northbound)	Total 4	— 2 Calves
							Position: 100° / 3088 m		Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	11	16:52 -PDT	23:52-GMT			
Poor	20%	4	Sharp / 3		SD		Bottlenose dolphin	Total 2	— 0 Calves
							Position: 166° / 600 m		Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	End Day	17:00 -PDT	0:00; 5/9/2016-GMT			
Poor	20%	4	Sharp / 3		T		Effort Hours 8:00		

May 09 Day 84 of 101

Quality	CCvr	Bft	Horiz / Vis nm	01	09:00 -PDT	16:00-GMT			
Fair	100%	1	Sharp / 3		SP		Harbor seal	Total 2	— 0 Pups
							Position: 110° / 1483 m		; Behavior: Foraging • in large group
Quality	CCvr	Bft	Horiz / Vis nm	02	09:12 -PDT	16:12-GMT	Images: 9958-84		
Fair	100%	1	Sharp / 3		S		Gray whale (northbound)	Total 2	— 1 Calf
							Position: 149° / 600 m		Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	03	09:15 -PDT	16:15-GMT	Images: 9986-10084 includes video		
Fair	100%	1	Sharp / 3		S		Gray whale (northbound)	Total 8	— 4 Calves
							Position: 103° / 3088 m		Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	04	10:20 -PDT	17:20-GMT	Images: 10050-69		
Fair	100%	1	Sharp / 3		S		Gray whale (northbound)	Total 2	— 1 Calf
							Position: 133° / 778 m		Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	05	11:45 -PDT	18:45-GMT	Images: 10074-88		
Fair	100%	1	Sharp / 3		S		Gray whale (northbound)	Total 2	— 1 Calf
							Position: 103° / 2260 m		Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	06	13:20 -PDT	20:20-GMT	Images: 10098-155		
Fair	100%	1	Sharp / 3		SD		Bottlenose dolphin	Total 9	— 0 Calves
							Position: 289° / 388 m		Direction: Circling; Behavior: Foraging
Quality	CCvr	Bft	Horiz / Vis nm	07	13:25 -PDT	20:25-GMT	Images: none		
Fair	100%	1	Sharp / 3		SD		Bottlenose dolphin	Total 6	— 0 Calves
							Position: 164° / 696 m		Direction: East; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	08	14:21 -PDT	21:21-GMT	Images: 10160-234 includes video		
Fair	100%	1	Sharp / 3		S		Gray whale (northbound)	Total 6	— 3 Calves
							Position: 109° / 2749 m		Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	09	15:21 -PDT	22:21-GMT			
Fair	100%	1	Sharp / 3		SD		Bottlenose dolphin	Total 6	— 0 Calves
							Position: 159° / 600 m		Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	10	15:48 -PDT	22:48-GMT	Images: 10236-61		
Fair	100%	1	Sharp / 3		S		Gray whale (northbound)	Total 2	— 1 Calf
							Position: 106° / 2749 m		Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	11	16:13 -PDT	23:13-GMT			
Fair	100%	1	Sharp / 3		SD		Bottlenose dolphin	Total 6	— 1 Calf
							Position: 111° / 528 m		Direction: Circling; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm	12	16:14 -PDT	23:14-GMT			
Fair	100%	1	Sharp / 3		SD		Common dolphin, species not determined	Total ~600	— Calves not determined
							Position: 214° / 2260 m		Direction: East; Behavior: Traveling • Foraging
Quality	CCvr	Bft	Horiz / Vis nm	13	16:20 -PDT	23:20-GMT			
Fair	100%	1	Sharp / 3		SD		Bottlenose dolphin	Total 3	— 0 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



2016 All Sighting Numbers, Raw

Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	1	Sharp / 3	14	16:22 -PDT	23:22-GMT	
					SD	<b>Bottlenose dolphin</b>	Total 2 — 0 Calves
						Position: 254° / 330 m Direction: East; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm	End Day	17:00 -PDT	0:00; 5/10/2016-GMT	
Fair	100%	1	Sharp / 3		T	Effort Hours 8:00	
<hr/>							
<b>May 10</b> Day 85 of 101							
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	1	Fuzzy / 2	01	09:04 -PDT	16:04-GMT <a href="#">Images: 0276-0307</a>	
					S	<b>Gray whale (northbound)</b>	Total 6 — 3 Calves
						Position: 113° / 1922 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	1	Fuzzy / 2	02	10:04 -PDT	17:04-GMT <a href="#">Images: 0311-77</a>	
					S	<b>Gray whale (northbound)</b>	Total 10 — 5 Calves
						Position: 111° / 1922 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	1	Fuzzy / 2	03	10:50 -PDT	17:50-GMT	
					SD	<b>Common dolphin, species not determined</b>	Total ~100 — Calves not determined
						Position: 180° / 2749 m Direction: East; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	1	Fuzzy / 2	04	10:57 -PDT	17:57-GMT	
					SD	<b>Pacific White-sided dolphin</b>	Total 12 — 0 Calves
						Position: 118° / 1331 m Direction: East; Behavior: Foraging	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	1	Fuzzy / 2	05	11:16 -PDT	18:16-GMT	
					SD	<b>Bottlenose dolphin</b>	Total 6 — 0 Calves
						Position: 142° / 489 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	1	Fuzzy / 2	06	11:27 -PDT	18:27-GMT	
					SP	<b>Harbor seal</b>	Total 1 — 0 Pups
						Position: 110° / 1483 m ; Behavior: in large group	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	1	Fuzzy / 1.7	07	11:38 -PDT	18:38-GMT <a href="#">Images: 0379-0406</a>	
					S	<b>Gray whale (northbound)</b>	Total 4 — 2 Calves
						Position: 102° / 1403 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	1	Fuzzy / 1.7	08	12:32 -PDT	19:32-GMT <a href="#">Images: 0408-13</a>	
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 106° / 2749 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	2	Fuzzy / 3	09	13:34 -PDT	20:34-GMT	
					SW	<b>Humpback whale</b>	Total 2 — 0 Calves
						Position: 154° / 5027 m Direction: East; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	2	Fuzzy / 3	10	13:35 -PDT	20:35-GMT <a href="#">Images: none</a>	
					S	<b>Gray whale (northbound)</b>	Total 1 — 0 Calves
						Position: 155° / 946 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	3	Fuzzy / 3	11	14:17 -PDT	21:17-GMT	
					SP	<b>Harbor seal</b>	Total 1 — 0 Pups
						Position: 107° / 1674 m ; Behavior: in large group	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	3	Fuzzy / 3	12	14:39 -PDT	21:39-GMT	
					SP	<b>Harbor seal</b>	Total 1 — 0 Pups
						Position: 169° / 471 m ; Behavior: Foraging	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	3	Fuzzy / 3	13	14:50 -PDT	21:50-GMT <a href="#">Images: 0425-41</a>	
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 161° / 661 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	3	Fuzzy / 3	14	15:47 -PDT	22:47-GMT <a href="#">Images: none</a>	
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 127° / 2260 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	3	Fuzzy / 3	15	16:30 -PDT	23:30-GMT <a href="#">Images: 0457-0545</a>	
					S	<b>Gray whale (northbound)</b>	Total 8 — 4 Calves
						Position: 98° / 3088 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm	End Day	17:12 -PDT	0:12; 5/11/2016-GMT	
Fair	100%	3	Fuzzy / 3		T	Effort Hours 8:12	
<hr/>							
<b>May 11</b> Day 86 of 101							
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	0	Fuzzy / 1.7	01	08:58 -PDT	15:58-GMT <a href="#">Images: 0547-51</a>	
					S	<b>Gray whale (northbound)</b>	Total 2 — 1 Calf
						Position: 158° / 778 m Direction: West; Behavior: Traveling	
Quality	CCvr	BR	Horiz / Vis nm				
Fair	100%	0	Fuzzy / 1.7	02	09:31 -PDT	16:31-GMT <a href="#">Images: 0553-99</a>	
					S	<b>Gray whale (northbound)</b>	Total 4 — 2 Calves
						Position: 101° / 3088 m Direction: West; Behavior: Traveling	

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm			
Fair	100%	3	Fuzzy / 2	03	11:49 -PDT	18:49-GMT
					SW	unidentified large whale
						Position: 120° / 3088 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	100%	3	Fuzzy / 2	04	12:10 -PDT	19:10-GMT <a href="#">Images: 0601-25</a>
					S	Gray whale (northbound)
						Position: 143° / 1331 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	100%	3	Fuzzy / 2	05	12:28 -PDT	19:28-GMT <a href="#">Images: 0627-48</a>
					S	Gray whale (northbound)
						Position: 104° / 3088 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	3	Fuzzy / 3	06	13:07 -PDT	20:07-GMT <a href="#">Images: 0651-79</a>
					S	Gray whale (northbound)
						Position: 128° / 778 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	Bft	Horiz / Vis nm			
Good	60%	3	Fuzzy / 3	07	14:39 -PDT	21:39-GMT
					SD	Bottlenose dolphin
						Position: 144° / 678 m Direction: East; Behavior: Traveling
						Total 3 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	60%	3	Fuzzy / 3	08	14:41 -PDT	21:41-GMT <a href="#">Images: 0681-94</a>
					S	Gray whale (northbound)
						Position: 99° / 3088 m Direction: West; Behavior: Traveling • Traveling
						Total 2 — 1 Calf
Quality	CCvr	Bft	Horiz / Vis nm			
Good	60%	3	Fuzzy / 3	09	14:59 -PDT	21:59-GMT
					SD	Common dolphin, species not determined
						Position: 103° / 1674 m Direction: Circling; Behavior: Traveling
						Total ~100 — Calves not determined
Quality	CCvr	Bft	Horiz / Vis nm			
Good	60%	3	Fuzzy / 3	10	15:17 -PDT	22:17-GMT <a href="#">Images: 0696-0736</a>
					S	Gray whale (northbound)
						Position: / m Direction: West; Behavior: Traveling
						Total 4 — 2 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	4	Sharp / 3	11	16:40 -PDT	23:40-GMT <a href="#">Images: none</a>
					S	Gray whale (northbound)
						Position: 139° / 1106 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	4	Sharp / 3	12	16:42 -PDT	23:42-GMT
					SD	Bottlenose dolphin
						Position: 137° / 382 m Direction: West; Behavior: Traveling
						Total 3 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	4	Sharp / 3	End Day	17:00 -PDT	0:00; 5/12/2016-GMT
					T	Effort Hours 8:02

May 12 Day 87 of 101

Quality	CCvr	Bft	Horiz / Vis nm			
Fair	80%	0	Fuzzy / 2	01	12:14 -PDT	19:14-GMT <a href="#">Images: 0743-78 (includes video)</a>
					S	Gray whale (northbound)
						Position: 100° / 3088 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	0	Fuzzy / 3	02	14:27 -PDT	21:27-GMT <a href="#">Images: none</a>
					SW	Minke whale
						Position: 139° / 2260 m Direction: East; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	2	Fuzzy / 3	03	15:21 -PDT	22:21-GMT
					SP	Harbor seal
						Position: 111° / 1483 m ; Behavior: Foraging
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	2	Fuzzy / 3	04	15:23 -PDT	22:23-GMT
					SP	Harbor seal
						Position: 115° / 1483 m ; Behavior: in large group
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	2	Fuzzy / 3	05	15:45 -PDT	22:45-GMT <a href="#">Images: 0788-0866</a>
					S	Gray whale (northbound)
						Position: 98° / 1922 m Direction: West; Behavior: Traveling
						Total 6 — 3 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	2	Fuzzy / 3	06	16:09 -PDT	23:09-GMT <a href="#">Images: included in S#5 images</a>
					SD	Bottlenose dolphin
						Position: 164° / 347 m Direction: East; Behavior: Traveling
						Total 5 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	2	Fuzzy / 3	07	16:44 -PDT	23:44-GMT
					SD	Bottlenose dolphin
						Position: 109° / 946 m Direction: West; Behavior: Traveling
						Total 4 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	2	Fuzzy / 3	End Day	17:00 -PDT	0:00; 5/13/2016-GMT
					T	Effort Hours 8:00

May 13 Day 88 of 101

Quality	CCvr	Bft	Horiz / Vis nm			
Poor	100%	0	Indeterminate / 1.7	01	08:45 -PDT	15:45-GMT <a href="#">Images: 0869-95</a>
					S	Gray whale (northbound)
						Position: 194° / 539 m Direction: West; Behavior: Traveling
						Total 4 — 2 Calves

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 3	03	09:52 -PDT	16:52-GMT <a href="#">Images: 1268-9 video</a>
					SD	Common dolphin, species not determined Total ~200 — Calves not determined Position: 108° / 3528 m Direction: West; Behavior: Parade Line • Leap
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	2	Fuzzy / 3	04	10:34 -PDT	17:34-GMT
					SP	Harbor seal Total 1 — 0 Pups Position: 103° / 1106 m ; Behavior: in large group
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	3	Fuzzy / 3	05	11:06 -PDT	18:06-GMT <a href="#">Images: 1271-1329 (check backs)</a>
					S	Gray whale (northbound) Total 2 — 1 Calf Position: 100° / 2749 m Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	3	Fuzzy / 3	06	11:29 -PDT	18:29-GMT <a href="#">Images: 1335-1377</a>
					S	Gray whale (northbound) Total 6 — 3 Calves Position: 98° / 3088 m Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	3	Fuzzy / 3	07	13:37 -PDT	20:37-GMT <a href="#">Images: 1379-87</a>
					SD	Bottlenose dolphin Total 3 — 0 Calves Position: 225° / 183 m Direction: East; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	3	Fuzzy / 3	08	14:37 -PDT	21:37-GMT <a href="#">Images: 1389-1406</a>
					S	Gray whale (northbound) Total 2 — 1 Calf Position: 140° / 600 m Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	3	Fuzzy / 3	09	15:00 -PDT	22:00-GMT
					SP	Harbor seal Total 1 — 0 Pups Position: 194° / 356 m ; Behavior: in large group
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	3	Fuzzy / 3	10	15:48 -PDT	22:48-GMT
					SD	Bottlenose dolphin Total 2 — 0 Calves Position: 184° / 347 m Direction: East; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	3	Fuzzy / 3	11	16:42 -PDT	23:42-GMT
					SD	Bottlenose dolphin Total 4 — 0 Calves Position: 120° / 1106 m Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	3	Fuzzy / 3	End Day	17:00 -PDT	0:00; 5/16/2016-GMT
					T	Effort Hours 8:07

May 16 Day 91 of 101

Quality	CCvr	Bft	Horiz / Vis nm			
Good	20%	3	Fuzzy / 3	01	10:30 -PDT	17:30-GMT <a href="#">Images: 1410-18</a>
					S	Gray whale (northbound) Total 2 — 1 Calf Position: 139° / 600 m Direction: West; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm			
Good	20%	3	Fuzzy / 3	02	13:15 -PDT	20:15-GMT
					SP	Harbor seal Total 1 — 0 Pups Position: 129° / 356 m Direction: Circling; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm			
Good	20%	3	Fuzzy / 3	03	14:14 -PDT	21:14-GMT
					SD	Common dolphin, species not determined Total ~150 — Calves not determined Position: 137° / 3528 m Direction: West; Behavior: Traveling • Leap
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	1	Fuzzy / 3	04	16:27 -PDT	23:27-GMT
					SD	Common dolphin, species not determined Total ~120 — Calves not determined Position: 127° / 3088 m Direction: West; Behavior: Foraging • Leap
Quality	CCvr	Bft	Horiz / Vis nm			
Good	0%	1	Fuzzy / 3	End Day	17:00 -PDT	0:00; 5/17/2016-GMT
					T	Effort Hours 8:00

May 17 Day 92 of 101

Quality	CCvr	Bft	Horiz / Vis nm			
Poor	100%	2	Fuzzy / 2	01	09:08 -PDT	16:08-GMT
					SD	Common dolphin, species not determined Total ~1500 — Calves not determined Position: 146° / 1922 m Direction: West; Behavior: Traveling • Parade Line
Quality	CCvr	Bft	Horiz / Vis nm			
Poor	100%	1	Fuzzy / 2	02	09:26 -PDT	16:26-GMT
					SP	Harbor seal Total 1 — 0 Pups Position: 124° / 600 m Direction: West
Quality	CCvr	Bft	Horiz / Vis nm			
Poor	100%	0	Fuzzy / 2	03	09:44 -PDT	16:44-GMT
					SD	Common dolphin, species not determined Total ~2000 — Calves not determined Position: 129° / 3528 m Direction: West; Behavior: Traveling • Chorus Line
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	100%	0	Fuzzy / 3	04	10:41 -PDT	17:41-GMT
					SD	Bottlenose dolphin Total 4 — 0 Calves Position: 244° / 314 m Direction: East; Behavior: Traveling
Quality	CCvr	Bft	Horiz / Vis nm			
Poor	100%	2	Indeterminate / 1.7	05	12:40 -PDT	19:40-GMT <a href="#">Images: 1453-65 (includes video)</a>
					S	Gray whale (northbound) Total 2 — 1 Calf Position: 104° / 2749 m Direction: West; Behavior: Traveling

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels



2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm				
Fair	80%	4	Sharp / 3	03	09:34 -PDT	16:34-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 114° / 40 m Direction: East; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm				
Fair	80%	4	Sharp / 3	04	10:05 -PDT	17:05-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 141° / 60 m Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm	End Day	10:19 -PDT	17:19-GMT	
Not	80%	5	Sharp / 3		T	Effort Hours 1:19	
Quality	CCvr	Bft	Horiz / Vis nm				
Not	80%	5	Sharp / 3	05	10:42 -PDT	17:42-GMT	Images: none
				Off-Effort	S	Gray whale (northbound)	Total 2 — 1 Calf
						Position: 102° / 2749 m Direction: West; Behavior: Traveling	

May 21 Day 96 of 101

Quality	CCvr	Bft	Horiz / Vis nm				
Good	0%	1	Sharp / 3	01	09:15 -PDT	16:15-GMT	
					SD	Common dolphin, species not determined	Total ~150 — Calves not determined
						Position: 253° / 1922 m Direction: West; Behavior: Traveling • Foraging	
Quality	CCvr	Bft	Horiz / Vis nm				
Good	0%	2	Sharp / 3	02	10:06 -PDT	17:06-GMT	
					SD	Common dolphin, species not determined	Total ~200 — Calves not determined
						Position: 174° / 2749 m Direction: Circling; Behavior: Traveling • Foraging	
Quality	CCvr	Bft	Horiz / Vis nm				
Good	0%	3	Sharp / 3	03	10:45 -PDT	17:45-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 162° / 269 m Direction: Circling; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm				
Fair	0%	4	Sharp / 3	04	14:00 -PDT	21:00-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 131° / 412 m ; Behavior: Foraging	
Quality	CCvr	Bft	Horiz / Vis nm	End Day	16:01 -PDT	23:01-GMT	
Not	0%	5	Sharp / 3		T	Effort Hours 7:01	

May 22 Day 97 of 101

Quality	CCvr	Bft	Horiz / Vis nm				
Good	0%	0	Sharp / 3	01	09:04 -PDT	16:04-GMT	
					SP	Harbor seal	Total 1 — 0 Pups
						Position: 110° / 1403 m ; Behavior: in large group	
Quality	CCvr	Bft	Horiz / Vis nm				
Good	0%	0	Sharp / 3	02	09:43 -PDT	16:43-GMT	Images: 1695-1722
					S	Gray whale (northbound)	Total 2 — 1 Calf
						Position: 101° / 3088 m Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm				
Fair	0%	4	Fuzzy / 2	03	14:24 -PDT	21:24-GMT	
					SD	Bottlenose dolphin	Total 7 — 0 Calves
						Position: 122° / 412 m Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm				
Fair	0%	4	Fuzzy / 2	04	15:01 -PDT	22:01-GMT	
					SD	Bottlenose dolphin	Total 8 — 0 Calves
						Position: 165° / 356 m Direction: East; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm	End Day	15:41 -PDT	22:41-GMT	
Poor	0%	5	Fuzzy / 2		T	Effort Hours 6:41	

May 23 Day 98 of 101

Quality	CCvr	Bft	Horiz / Vis nm				
Fair	0%	1	Fuzzy / 2	01	10:11 -PDT	17:11-GMT	Images: 1770-1837
					S	Gray whale (northbound)	Total 2 — 1 Calf
						Position: 101° / 2749 m Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm				
Fair	0%	1	Fuzzy / 2	02	11:17 -PDT	18:17-GMT	Images: 1839-50
					SD	Bottlenose dolphin	Total 4 — 0 Calves
						Position: 113° / 1331 m Direction: East; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm				
Fair	0%	1	Fuzzy / 3	03	13:44 -PDT	20:44-GMT	Images: 1861-88 (includes video)
					S	Gray whale (northbound)	Total 2 — 1 Calf
						Position: 109° / 2260 m Direction: West; Behavior: Traveling	
Quality	CCvr	Bft	Horiz / Vis nm	End Day	17:00 -PDT	0:00; 5/24/2016-GMT	
Poor	0%	4	Fuzzy / 3		T	Effort Hours 8:00	

May 24 Day 99 of 101

Quality	CCvr	Bft	Horiz / Vis nm				
Fair	40%	1	Fuzzy / 2	01	08:58 -PDT	15:58-GMT	Images: 1898-1948
					S	Gray whale (northbound)	Total 2 — 1 Calf
						Position: 104° / 2260 m Direction: West; Behavior: Traveling	

Sighting Codes S=Gray whales, north SW=Whales, other SD=Dolphins SP=Pinnipeds SO=Sea otters V=Vessels

2016 All Sighting Numbers, Raw

Quality	CCvr	Bft	Horiz / Vis nm			
Fair	40%	1	Fuzzy / 2	02	09:02 -PDT	16:02-GMT
					SW	Humpback whale
						Position: 181° / 3528 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	40%	1	Fuzzy / 2	03	09:49 -PDT	16:49-GMT
					SD	Bottlenose dolphin
						Position: 156° / 696 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	3	Fuzzy / 2	04	11:06 -PDT	18:06-GMT
					SP	Harbor seal
						Position: 149° / 528 m ; Behavior: in large group
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm			
Poor	0%	4	Fuzzy / 2	05	12:17 -PDT	19:17-GMT <a href="#">Images: 1959-93</a>
					S	Gray whale (northbound)
						Position: 100° / 3088 m Direction: West; Behavior: Traveling
						Total 2 — 1 Calf
Quality	CCvr	Bft	Horiz / Vis nm			
Poor	0%	4	Fuzzy / 2	06	13:52 -PDT	20:52-GMT
					SD	Bottlenose dolphin
						Position: 184° / 382 m Direction: West; Behavior: Traveling
						Total 1 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Poor	0%	4	Fuzzy / 2	07	14:44 -PDT	21:44-GMT
					SD	Common dolphin, species not determined
						Position: 127° / 3528 m Direction: West; Behavior: Traveling • Parade Line
						Total ~200 — Calves not determined
Quality	CCvr	Bft	Horiz / Vis nm			
Poor	0%	4	Fuzzy / 2	08	15:27 -PDT	22:27-GMT <a href="#">Images: 2004-2030</a>
					S	Gray whale (northbound)
						Position: 117° / 2260 m Direction: West; Behavior: Traveling • Fluke
						Total 2 — 1 Calf
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	3	Fuzzy / 2	End Day	17:00 -PDT	0:00; 5/25/2016-GMT
					T	Effort Hours 8:02

May 25 Day 100 of 101

Quality	CCvr	Bft	Horiz / Vis nm			
Not	20%	5	Fuzzy / 3	End Day	14:06 -PDT	21:06-GMT
					T	Effort Hours 5:06

May 26 Day 101 of 101

Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 2	01	09:29 -PDT	16:29-GMT
					SW	Humpback whale
						Position: 152° / 5027 m Direction: West; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	1	Fuzzy / 2	02	09:49 -PDT	16:49-GMT
					SD	Common dolphin, species not determined
						Position: 234° / 1331 m Direction: Circling; Behavior: Traveling • Foraging
						Total ~800 — Calves not determined
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	3	Fuzzy / 2	03	11:27 -PDT	18:27-GMT
					SD	Bottlenose dolphin
						Position: 154° / 338 m Direction: East; Behavior: Traveling
						Total 4 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	3	Fuzzy / 2	04	11:49 -PDT	18:49-GMT
					SP	Harbor seal
						Position: 144° / 489 m ; Behavior: in large group
						Total 1 — 0 Pups
Quality	CCvr	Bft	Horiz / Vis nm			
Fair	0%	3	Fuzzy / 2	05	12:00 -PDT	19:00-GMT
					SD	Bottlenose dolphin
						Position: 184° / 356 m Direction: East; Behavior: Traveling
						Total 2 — 0 Calves
Quality	CCvr	Bft	Horiz / Vis nm			
Poor	0%	4	Fuzzy / 3	06	15:10 -PDT	22:10-GMT
					SD	Common dolphin, species not determined
						Position: 124° / 3528 m Direction: West; Behavior: Traveling
						Total ~150 — Calves not determined
Quality	CCvr	Bft	Horiz / Vis nm			
Poor	0%	4	Fuzzy / 3	End Day	17:00 -PDT	0:00; 5/27/2016-GMT
					T	Effort Hours 8:00