



GRAY WHALES COUNT

A JOINT EDUCATION AND RESEARCH PROJECT OF
 UCSB'S COAL OIL POINT RESERVE, GOLETA, CA +
 AMERICAN CETACEAN SOCIETY-CHANNEL ISLANDS, CA +
 CASCADIA RESEARCH COLLECTIVE, OLYMPIA, WA

2007 Sighting Reports

All Sighting Numbers, On-Effort

				Number	Time Code	Species / Vessel Type		
Jan 29 Day 1 of 105								
	CCvr	Bft	Vis					
Fair	100	0	4		9:00:00 PST B	17:00-GMT		
Fair	100	0	4	01	9:39:00 PST SC	17:39-GMT Tt Bottlenose dolphin Position: 135° / 257 m Dir: East; Behavior: Slow travel	Total 5	— 1 Calf at sighting
Fair	100	3	4	02	16:55:00 PST SC	0:55; 1/30/2007-GMT Tt Bottlenose dolphin Position: 201° / 390 m Dir: West; Behavior: Slow travel	Total 2	— 0 Calves at sighting
Fair	100	3	4		17:00:00 PST T	1:00; 1/30/2007-GMT		
Jan 30 Day 2 of 105								
	CCvr	Bft	Vis					
Fair	100	0	3		9:00:00 PST B	17:00-GMT <i>Haze</i>		
Poor	100	0	2	01	9:50:00 PST SC	17:50-GMT Tt Bottlenose dolphin Position: 160° / 404 m Dir: East; Behavior: Slow travel	Total 3	— 1 Calf at sighting
Fair	80	0	3	02	10:33:00 PST SC	18:33-GMT Tt Bottlenose dolphin Position: 129° / 551 m Dir: West; Behavior: Slow travel • Milling	Total 5	— 0 Calves at sighting
Fair	80	1	3	03	10:56:00 PST SO	18:56-GMT El Southern Sea otter Position: 129° / 257 m Dir: West; Behavior: Slow travel • Milling	Total 2	— 0 Pups at sighting
Fair	80	1	3	04	11:32:00 PST SC	19:32-GMT Tt Bottlenose dolphin Position: 271° / 269 m Dir: East; Behavior: Slow travel <i>very slow along surf - could be sighting #2</i>	Total 6	— 0 Calves at sighting
Fair	65	1	3	05	12:56:00 PST SC	20:56-GMT Er Gray whale (southbound) Position: 183° / 418 m Dir: East; Behavior: Slow travel	Total 1	— 0 Calves at sighting
Fair	65	1	3	06	12:58:00 PST SC	20:58-GMT Tt Bottlenose dolphin Position: 142° / 449 m Dir: East; Behavior: Slow travel <i>Tts in area with Er</i>	Total 3	— 0 Calves at sighting

part of 2007 Gray Whales Count, Survey Report © Gray Whales Count, 2016,
 prepared by Michael H Smith, Project Coordinator, Gray Whales Count, Santa Barbara, California, USA.

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All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Fair	65	1	3	07 13:13:00 PST SC	21:13-GMT Er Gray whale (southbound) Position: 152° / 639 m Dir: East; Behavior: Slow travel <i>could have been two, maybe a calf with...</i> Total 1 — 0 Calves at sighting
Fair	80	1	3	08 13:48:00 PST SC	21:48-GMT Tt Bottlenose dolphin Position: 142° / 715 m Dir: West; Behavior: Slow travel Total 10 — 1 Calf at sighting
Fair	80	1	3	09 14:07:00 PST SC	22:07-GMT Tt Bottlenose dolphin Position: 201° / 623 m Dir: West; Behavior: Slow travel Total 4 — 0 Calves at sighting
Poor	100	1	3	15:25:00 PST T	23:25-GMT <i>RAIN</i>

Jan 31 Day 3 of 105

	CCvr	Bft	Vis	Number	Time	Code	Species / Vessel Type	
Poor	10	4	3		9:00:00 PST B			17:00-GMT <i>Strong glare to E + Wind</i>
Poor	10	4	3	01	9:19:00 PST SC		17:19-GMT ULW unidentified large whale Position: 114° / 1,546 m Dir: East; Behavior: Slow travel <i>probable Er (southbound)</i> Total 1 — 0 Calves at sighting	
Poor	5	4	3	02	9:49:00 PST SC		17:49-GMT Tt Bottlenose dolphin Position: 114° / 242 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting	
Poor	5	4	3	03	12:57:00 PST SP		20:57-GMT Ma Northern Elephant seal Position: 154° / 288 m Dir: East; Behavior: Slow travel <i>young male</i> Total 1 — 0 Pups at sighting	
Poor	0	4	3	04	16:05:00 PST SC		0:05; 2/1/2007-GMT Tt Bottlenose dolphin Position: 144° / 639 m Dir: West; Behavior: Milling Total 3 — 0 Calves at sighting	
Fair	0	3	3	05	16:19:00 PST SC		0:19; 2/1/2007-GMT Er Gray whale (southbound) Position: 199° / 378 m Dir: East; Behavior: Slow travel Total 2 — 0 Calves at sighting	
Poor	0	4	3		17:00:00 PST T			1:00; 2/1/2007-GMT <i>2nd Grade class 20 kids + 6 adults: 11:30 to noon</i> <i>Strong winds + lots of kite surfers @15:30</i>

Feb 01 Day 4 of 105

	CCvr	Bft	Vis	Number	Time	Code	Species / Vessel Type	
Good	0	0	4		9:00:00 PST B			17:00-GMT <i>Haze + glare to SE</i>
Good	0	0	4	01	9:27:00 PST SC		17:27-GMT Tt Bottlenose dolphin Position: 154° / 551 m Dir: East; Behavior: Slow travel • Milling Total 2 — 0 Calves at sighting	
Good	0	1	4	02	11:55:00 PST SC		19:55-GMT Er Gray whale (southbound) Position: 225° / 1,019 m Dir: East; Behavior: Slow travel • Fluke <i>lots of zero Beaufort</i> Total 1 — 0 Calves at sighting	
Good	0	1	4	03	12:23:00 PST S		20:23-GMT Er Gray whale (northbound) Position: 177° / 495 m Dir: West; Behavior: Slow travel <i>disappeared - very small whale - no blows, 2 surfaces</i> Total 1 — 0 Calves at sighting	

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type		
					Code			
Excellent	0	2	5	04	15:36:00 PST SC	23:36-GMT Er Gray whale (southbound) Position: 154° / 1,113 m Dir: East; Behavior: Slow travel	Total 1	0 Calves at sighting
Fair	0	2	4		17:00:00 PST T	1:00; 2/2/2007-GMT <i>FIRST NORTHBOUND @ 12:23</i> <i>At 16:37 appeared to be dolphin (D sp) splashes @214°/.1 and @16:41 saw many birds, but couldn't see dolphins in a strong sun path.</i>		
Feb 02 Day 5 of 105								
	CCvr	Bft	Vis					
Fair	30	0	3		9:00:00 PST B	17:00-GMT <i>Haze - Bright sky - no contrast</i>		
Fair	30	0	3	01	9:00:00 PST SV	17:00-GMT Dive-research - Spirit Position: 185° / 495 m Dir: Stationary	1 vessel	<i>Images: 5660-63, 66-7</i>
Fair	30	0	3	02	9:00:00 PST SV	17:00-GMT Kelp harvester - Position: 100° / 2,553 m Dir: North	1 vessel	
Fair	30	0	3	03	9:00:00 PST SV	17:00-GMT Fish-commercial - Position: 145° / 2,553 m Dir: West	1 vessel	
Fair	30	0	3	04	9:00:00 PST SV	17:00-GMT Oil services - Crew Boat Position: 237° / 2,872 m Dir: Stationary <i>@ buoy</i>	1 vessel	
Fair	30	0	3	05	9:52:00 PST SV	17:52-GMT Private - Position: 131° / 812 m Dir: West <i>small, returned E @14:02</i>	1 vessel	
Good	30	0	4	06	10:32:00 PST SV	18:32-GMT Sailboat (motor) - Position: 116° / 3,288 m Dir: West	1 vessel	
Good	30	0	4	07	10:45:00 PST SV	18:45-GMT Fish-commercial - Position: 249° / 232 m Dir: West <i>Skiff-fisher: through surfline, inside kelp</i> <i>Seen earlier close in to Isla Vista</i> <i>Came back east @11:44</i>	1 vessel	<i>Images: 5668-73</i>
Good	30	0	4	08	10:47:00 PST SV	18:47-GMT Fish-commercial - Position: 138° / 3,288 m Dir: North	1 vessel	
Good	30	2	4	09	11:52:00 PST SC	19:52-GMT Er Gray whale (southbound) Position: 173° / 639 m Dir: East; Behavior: Slow travel	Total 1	0 Calves at sighting
Good	30	2	4	10	12:20:00 PST SV	20:20-GMT Oil services - Crew Boat Position: 281° / m Dir: South <i>toward Holly</i>	1 vessel	
Good	30	2	4	11	12:29:00 PST SC	20:29-GMT Er Gray whale (southbound) Position: 156° / 1,019 m Dir: East; Behavior: Slow travel	Total 1	0 Calves at sighting
Fair	35	1	4		17:00:00 PST T	1:00; 2/3/2007-GMT		

All Sighting Numbers, Raw

			Number	Time	Code	Species / Vessel Type		
Feb 03 Day 6 of 105								
	CCvr	Bft	Vis					
Fair	0	0	3		9:00:00 PST	17:00-GMT		
					B			
Fair	0	0	3	01	9:54:00 PST	17:54-GMT	Er Gray whale (southbound)	Total 2 — 0 Calves at sighting
					SC		Position: 206° / 495 m Dir: East; Behavior: Slow travel • Fluke	
Fair	0	0	3	02	10:14:00 PST	18:14-GMT	Tt Bottlenose dolphin	Total 6 — 1 Calf at sighting
					SC		Position: 125° / 1,228 m Dir: West; Behavior: Slow travel	
Fair	0	0	3	03	10:33:00 PST	18:33-GMT	Tt Bottlenose dolphin	Total 2 — 0 Calves at sighting
					SC		Position: 155° / 466 m Dir: West; Behavior: Slow travel	
Good	5	1	4	04	12:31:00 PST	20:31-GMT	Tt Bottlenose dolphin	Total 4 — 0 Calves at sighting
					SC		Position: 135° / 607 m Dir: Stationary; Behavior: Milling	
Good	5	3	4	05	15:25:00 PST	23:25-GMT	Tt Bottlenose dolphin	Total 3 — 0 Calves at sighting
					SC		Position: 151° / 378 m Dir: West; Behavior: Slow travel	
Good	35	3	4	06	15:55:00 PST	23:55-GMT	Tt Bottlenose dolphin	Total 3 — 0 Calves at sighting
					SC		Position: 130° / 761 m Dir: West; Behavior: Slow travel	
Good	35	3	4	07	16:05:00 PST	0:05; 2/4/2007-GMT	Er Gray whale (southbound)	Total 2 — 0 Calves at sighting
					SC		Position: 122° / 1,113 m Dir: East; Behavior: Slow travel	
Good	35	3	4	08	16:41:00 PST	0:41; 2/4/2007-GMT	Er Gray whale (southbound)	Total 2 — 0 Calves at sighting
					SC		Position: 258° / 2,872 m Dir: East; Behavior: Slow travel	
Good	35	3	4		17:20:00 PST	1:20; 2/4/2007-GMT	T	
Feb 04 Day 7 of 105								
	CCvr	Bft	Vis					
Good	40	0	5		9:00:00 PST	17:00-GMT		
					B	<i>Bright — high, thin clouds</i>		
Good	40	0	5	01	9:00:00 PST	17:00-GMT	Dive-private -	1 vessel
					SV		Position: 174° / 351 m Dir: Stationary <i>anchored</i>	
Good	40	0	5	02	9:00:00 PST	17:00-GMT	Sportfish-private -	1 vessel
					SV		Position: 232° / 495 m Dir: Stationary <i>anchored</i>	
Good	40	0	5	03	10:23:00 PST	18:23-GMT	Er Gray whale (southbound)	Total 1 — 0 Calves at sighting
					SC		Position: 184° / 1,019 m Dir: East; Behavior: Slow travel	
Excellent	5	2	5	04	12:15:00 PST	20:15-GMT	Er Gray whale (northbound)	Total 4 — 0 Calves at sighting
					S		Position: 138° / 2,553 m Dir: West; Behavior: Slow travel • Fluke	
Good	10	3	4	05	14:07:00 PST	22:07-GMT	Er Gray whale (northbound)	Total 1 — 0 Calves at sighting
					S		Position: 155° / 871 m Dir: West; Behavior: Slow travel <i>Lost in "Black Hole" - actually much glare</i>	
Good	30	2	4		17:00:00 PST	1:00; 2/5/2007-GMT	T	

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type	
					Code		
Feb 05 Day 8 of 105							
	CCvr	Bft	Vis				
Fair	85	0	4		9:00:00 PST B	17:00-GMT <i>Very bright - low contrast - will improve</i>	
Fair	85	0	4	01	9:00:00 PST SV	17:00-GMT Kelp harvester - Position: 106° / 1,778 m Dir: North <i>left @ 10:08</i>	1 vessel
Fair	95	4	3	02	11:52:00 PST SC	19:52-GMT Er Gray whale (southbound) Position: 249° / 1,019 m Dir: East; Behavior: Slow travel • Breach <i>3 breaches</i>	Total 1 — 0 Calves at sighting
Fair	95	3	3	03	11:55:00 PST SV	19:55-GMT Fish-trap-commercial - L68347 Position: 154° / 551 m Dir: West	1 vessel
Poor	95	2	2	04	13:03:00 PST SC	21:03-GMT Tt Bottlenose dolphin Position: 236° / 418 m Dir: East; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	95	2	2	05	13:05:00 PST SC	21:05-GMT Tt Bottlenose dolphin Position: 240° / 224 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor	95	2	2	06	13:19:00 PST SV	21:19-GMT Oil services - Crew Boat Position: 238° / 2,872 m Dir: Stationary	1 vessel
Poor	95	2	2	07	13:41:00 PST SV	21:41-GMT Fish-trap-commercial - Position: 268° / 939 m Dir: East <i>Lobster boat - moving quickly</i>	1 vessel
Poor	95	0	2	08	14:31:00 PST SC	22:31-GMT Er Gray whale (southbound) Position: 199° / 607 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	95	2	2	09	16:47:00 PST SV	0:47; 2/6/2007-GMT Oil services - Crew Boat Position: 275° / 3,288 m Dir: South	1 vessel
Poor	95	2	2		17:00:00 PST T	1:00; 2/6/2007-GMT	

Feb 06 Day 9 of 105							
	CCvr	Bft	Vis				
Poor	100	0	2		9:00:00 PST B	17:00-GMT <i>Thin fog - just off surface</i>	
Poor	100	0	2	01	9:04:00 PST SV	17:04-GMT Fish-commercial - Position: 149° / 1,778 m Dir: East <i>small</i>	1 vessel
Poor	100	0	2	02	9:19:00 PST SC	17:19-GMT Er Gray whale (southbound) Position: 158° / 623 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	0	2	03	9:55:00 PST SV	17:55-GMT Sportfish-private - Angler 2100 Position: 104° / 2,872 m Dir: West <i>Moving fast along kelp</i>	1 vessel
Poor	50	1	2	04	10:38:00 PST SC	18:38-GMT Er Gray whale (southbound) Position: 167° / 623 m Dir: East; Behavior: Slow travel • Fluke <i>Suspect calf: mature whale, big flukes / very small blow</i>	Total 2 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Poor	50	1	2	05 10:53:00 PST SV	18:53-GMT Oil services - Crew Boat Position: 249° / 3,288 m Dir: South 1 vessel
Fair	75	0	3	06 13:32:00 PST SV	21:32-GMT Fish-commercial - Position: 262° / 2,553 m Dir: North 1 vessel
Fair	75	0	3	07 13:50:00 PST SV	21:50-GMT Sportfish-private - Position: 99° / 2,094 m Dir: Stationary <i>in kelp</i> 1 vessel
Fair	75	0	3	08 13:51:00 PST SV	21:51-GMT Fish-trap-commercial - Position: 99° / 3,288 m Dir: South <i>Lobster</i> 1 vessel
Fair	60	1	3	09 14:34:00 PST SV	22:34-GMT Helicopter - Position: 167° / 800 m Dir: West 1 vessel
Fair	60	2	3	10 14:47:00 PST SV	22:47-GMT Oil services - Crew Boat Position: 251° / 3,288 m Dir: South 1 vessel
Fair	60	3	3	11 15:30:00 PST SV	23:30-GMT Private - Position: 225° / 1,019 m Dir: East <i>Private: lobster?</i> <i>Moving quickly a good distance from kelp</i> 1 vessel
Fair	60	3	3	12 15:33:00 PST SV	23:33-GMT Fish-trap-commercial - Position: 266° / 1,778 m Dir: East 1 vessel
Fair	60	3	3	13 15:51:00 PST SV	23:51-GMT Fish-commercial - Position: 229° / 2,094 m Dir: East <i>Well outside of kelp</i> 1 vessel
Fair	60	3	3	14 15:52:00 PST SV	23:52-GMT Fish-trap-commercial - Position: 267° / 2,872 m Dir: East 1 vessel
Fair	70	2	3	15 16:26:00 PST SC	0:26; 2/7/2007-GMT Tt Bottlenose dolphin Position: 188° / 939 m Dir: West; Behavior: Slow travel • Milling Total 5 — 0 Calves at sighting
Fair	70	2	3	16 16:51:00 PST SV	0:51; 2/7/2007-GMT Oil services - Crew Boat Position: 284° / 3,288 m Dir: South 1 vessel
Fair	70	2	3	17:00:00 PST T	1:00; 2/7/2007-GMT
Feb 07 Day 10 of 105					
	CCvr	Bft	Vis		
Fair	70	1	3	9:00:00 PST B	17:00-GMT <i>Glare/Haze to SE</i>
Fair	70	1	3	01 9:05:00 PST SV	17:05-GMT Oil services - Crew Boat Position: 271° / 3,288 m Dir: North 1 vessel
Fair	70	1	3	02 9:08:00 PST SV	17:08-GMT Dive-research - UCSB: seep monitor Position: 265° / 1,113 m Dir: Stationary 1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	70	1 3	03 9:09:00 PST SV 17:09-GMT Fish-commercial - Position: 257° / 2,872 m Dir: North	1 vessel
Fair	70	1 3	04 9:20:00 PST SV 17:20-GMT Oil services - Crew Boat Position: 269° / 3,288 m Dir: North <i>from west, turned to go to oil pier</i>	1 vessel
Fair	70	1 3	05 9:34:00 PST SV 17:34-GMT Oil services - Crew Boat Position: 281° / 2,553 m Dir: South <i>Leaving Holly - back to pier</i>	1 vessel
Good	85	2 4	06 10:05:00 PST SV 18:05-GMT Oil services - Crew Boat Position: 275° / 3,288 m Dir: South	1 vessel
Good	85	2 4	07 10:28:00 PST SV 18:28-GMT Oil services - Crew Boat Position: 286° / 3,288 m Dir: South <i>to Holly</i>	1 vessel
Good	85	2 4	08 10:49:00 PST SV 18:49-GMT Oil services - Position: 245° / 3,288 m Dir: East <i>maybe spill abatement vessel</i>	1 vessel
Fair	95	1 3	09 11:12:00 PST SV 19:12-GMT Fish-trap-commercial - L24496 Sea Position: 108° / 3,288 m Dir: West	1 vessel
Good	95	2 4	10 11:20:00 PST S 19:20-GMT Er Gray whale (northbound) Position: 128° / 1,369 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	95	2 4	11 11:28:00 PST SC 19:28-GMT Tt Bottlenose dolphin Position: 153° / 302 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good	95	2 4	12 11:43:00 PST SV 19:43-GMT Oil services - Crew Boat Position: 277° / 3,288 m Dir: South	1 vessel
Fair	100	1 3	13 11:58:00 PST SV 19:58-GMT Dive-private - 41133 Chameleon Position: 282° / 2,553 m Dir: East <i>Moving fast - Flying! Has dive flag; unsure of boat type</i>	1 vessel
Fair	100	1 3	14 12:15:00 PST SV 20:15-GMT Oil services - Crew Boat Position: 275° / 3,288 m Dir: South	1 vessel
Fair	100	1 3	15 12:45:00 PST SV 20:45-GMT Fish-trap-commercial - Position: 246° / 1,294 m Dir: East <i>Very fast</i>	1 vessel
Fair	100	1 3	16 12:51:00 PST SV 20:51-GMT Oil services - Crew Boat Position: 269° / 3,288 m Dir: South	1 vessel
Fair	90	0 3	17 15:02:00 PST SV 23:02-GMT Helicopter - N394A Blue body-White Position: 124° / 1200 m Dir: West	1 vessel
Fair	80	0 3	18 16:02:00 PST SV 0:02; 2/8/2007-GMT Oil services - Crew Boat Position: 278° / 3,288 m Dir: North <i>from west</i>	1 vessel

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Fair	80	0	3	19 16:17:00 PST SV	0:17; 2/8/2007-GMT Oil services - Crew Boat Position: 273' / 3,288 m Dir: South 1 vessel
Fair	80	0	3	20 16:24:00 PST SC	0:24; 2/8/2007-GMT Tt Bottlenose dolphin Position: 280' / 1,228 m Dir: East; Behavior: Slow travel • Milling Total 8 — 0 Calves at sighting
Fair	80	0	3	17:00:00 PST T	1:00; 2/8/2007-GMT
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Feb 08	Day 11 of 105				
	CCvr	BR	Vis		
Poor	100	1	2	9:00:00 PST B	17:00-GMT <i>Glare + Dark + no contrast. 0 Beaufort + 1 Beaufort</i>
Poor	100	1	2	01 9:10:00 PST SC	17:10-GMT Tt Bottlenose dolphin Position: 224' / 505 m Dir: East; Behavior: Slow travel • Milling Total 15 — 0 Calves at sighting
Poor	100	1	2	02 9:17:00 PST SC	17:17-GMT Tt Bottlenose dolphin Position: 234' / 939 m Dir: East; Behavior: Slow travel Total 4 — 0 Calves at sighting
Poor	100	1	2	03 9:40:00 PST SV	17:40-GMT Fish-commercial - Position: 133' / 2,553 m Dir: West 1 vessel
Poor	75	1	2	04 10:13:00 PST SC	18:13-GMT Tt Bottlenose dolphin Position: 178' / 404 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	60	1	3	05 10:24:00 PST SV	18:24-GMT Oil services - Crew Boat Position: 280' / 3,288 m Dir: South 1 vessel
Fair	60	1	3	06 10:55:00 PST SV	18:55-GMT Fish-commercial - Position: 109' / 1,546 m Dir: West <i>skiff</i> 1 vessel
Fair	60	0	3	07 11:17:00 PST SV	19:17-GMT Fish-trap-commercial - Position: 275' / 2,553 m Dir: East 1 vessel
Fair	60	0	3	08 11:37:00 PST SV	19:37-GMT Airplane - Position: 84' / 400 m Dir: West <i>Single engine</i> 1 vessel
Fair	60	0	3	09 11:41:00 PST SV	19:41-GMT Oil services - Crew Boat Position: 289' / 3,288 m Dir: South 1 vessel
Fair	80	0	3	10 14:54:00 PST SV	22:54-GMT Oil services - Crew Boat Position: 254' / 2,872 m Dir: South <i>to Holly</i> 1 vessel
Fair	90	2	4	11 15:25:00 PST SV	23:25-GMT Dive-research - UCSB: seep monitor Position: 259' / 1,778 m Dir: East 1 vessel
Fair	95	3	4	17:00:00 PST T	1:00; 2/9/2007-GMT

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type			
					Code				
Feb 09	Day 12 of 105								
	CCvr	Bft	Vis						
	Fair	95	0	3		9:00:00 PST	17:00-GMT		
						B			
	Fair	95	0	3	01	9:11:00 PST	17:11-GMT		
						SV	Fish-commercial -	1 vessel	
							Position: 258° / 2,872 m Dir: East		
							<i>small boat - white</i>		
	Fair	95	0	3	02	9:15:00 PST	17:15-GMT		
						S	Er Gray whale (northbound)	Total 1 — 0 Calves at sighting	
							Position: 133° / 675 m Dir: West; Behavior: Slow travel		
	Good	85	0	4	03	9:58:00 PST	17:58-GMT		
						SV	Fish-commercial -	1 vessel	
							Position: 267° / 3,288 m Dir: East		
							<i>rusty - medium size</i>		
	Good	85	0	4	04	10:09:00 PST	18:09-GMT		
						SV	Fish-commercial -	1 vessel	
							Position: 279° / 3,288 m Dir: East		
							<i>black hull</i>		
	Fair	95	0	3	05	11:37:00 PST	19:37-GMT		
						SV	Fish-trap-commercial -	1 vessel	
							Position: 103° / 3,288 m Dir: South		
	Fair	95	0	3	06	11:41:00 PST	19:41-GMT		
						SV	Oil services - Crew Boat	1 vessel	
							Position: 288° / 3,288 m Dir: South		
	Fair	95	0	3	07	11:56:00 PST	19:56-GMT		
						SC	Tt Bottlenose dolphin	Total 4 — 0 Calves at sighting	
							Position: 241° / 195 m Dir: East; Behavior: Slow travel		
							<i>some one Beaufort</i>		
	Fair	95	0	3	08	12:09:00 PST	20:09-GMT		
						SV	Oil services - Crew Boat	1 vessel	
							Position: 275° / 3,288 m Dir: South		
	Fair	95	0	3	09	12:16:00 PST	20:16-GMT		
						SV	Sportfish-private - CF 2955 PM	1 vessel	
							Position: 110° / 2,553 m Dir: West		
							<i>small outboard, traveling fast</i>		
	Fair	95	0	3	10	12:40:00 PST	20:40-GMT		
						SV	Fish-commercial - Seabird	1 vessel	
							Position: 239° / 1,778 m Dir: East		
							<i>small</i>		
	Fair	95	2	4	11	14:44:00 PST	22:44-GMT		
						SV	Oil services - Crew Boat	1 vessel	
							Position: 274° / 3,288 m Dir: South		
	Good	95	2	3	12	14:51:00 PST	22:51-GMT		
						SV	Fish-trap-commercial -	1 vessel	
							Position: 234° / 2,553 m Dir: West		
							<i>blue hull</i>		
	Fair	100	2	4	13	15:58:00 PST	23:58-GMT		
						SV	Helicopter -	1 vessel	
							Position: 234° / 3,200 m Dir: West		
	Fair	100	2	4	14	16:07:00 PST	0:07; 2/10/2007-GMT		
						SV	Fish-trap-commercial - Defiance	1 vessel	
							Position: 263° / 2,094 m Dir: East		
	Fair	100	3	3		17:00:00 PST	1:00; 2/10/2007-GMT		
						T			

All Sighting Numbers, Raw

			Number	Time	Code	Species / Vessel Type	
Feb 10 Day 13 of 105							
	CCvr	Bft	Vis				
Fair	100	0	3	9:00:00 PST	B	17:00-GMT	
						<i>Some one Beaufort</i>	
Fair	100	0	3	01 9:06:00 PST	SV	17:06-GMT	
						Oil services - Crew Boat	1 vessel
						Position: 238° / 3,288 m Dir: South	
Fair	100	0	3	02 9:10:00 PST	SV	17:10-GMT	
						Research vessel - Spirit	1 vessel
						Position: 246° / 1,019 m Dir: Stationary	
Fair	100	0	3	03 9:27:00 PST	SV	17:27-GMT	
						Helicopter - N____ blue + white	1 vessel
						Position: 109° / 1200 m Dir: West	
Fair	95	0	4	04 10:19:00 PST	SV	18:19-GMT	
						Sailboat (motor) -	1 vessel
						Position: 112° / 3,288 m Dir: West	
						<i>Outboard inflatable circling sailboat</i>	
Good	40	1	4	05 14:36:00 PST	S	22:36-GMT	
						Er Gray whale (northbound)	Total 1 — 0 Calves at sighting
						Position: 109° / 2,553 m Dir: West; Behavior: Slow travel	
Fair	100	2	3	06 15:20:00 PST	SV	23:20-GMT	
						Sailboat -	1 vessel
						Position: 98° / 3,288 m Dir: South	
Fair	100	3	3	07 15:37:00 PST	SC	23:37-GMT	
						Er Gray whale (southbound)	Total 2 — 0 Calves at sighting
						Position: 253° / 761 m Dir: East; Behavior: Slow travel	
Poor	100	3	3	15:45:00 PST	T	23:45-GMT	
						<i>RAIN</i>	
Feb 11 Day 14 of 105							
	CCvr	Bft	Vis				
Fair	0	3	3	9:00:00 PST	B	17:00-GMT	
						<i>Building towards 4 Beaufort - strong glare to SE</i>	
Poor	0	6	3	11:30:00 PST	T	19:30-GMT	
						<i>We called TO @ 11:30 and wind did not die down.</i>	
						<i>T called @ 13:39</i>	
Feb 12 Day 15 of 105							
	CCvr	Bft	Vis				
Fair	95	0	3	9:00:00 PST	B	17:00-GMT	
						<i>Almost Good - maybe 4 visibility - no glare - a bit dark</i>	
Fair	60	0	3	01 10:04:00 PST	SV	18:04-GMT	
						Fish-commercial -	1 vessel
						Position: 123° / 2,553 m Dir: East	
						<i>small, moving slowly</i>	
Fair	60	0	3	02 10:20:00 PST	SV	18:20-GMT	
						Sportfish-private - Casey III - CF 1677	1 vessel
						Position: 111° / 2,553 m Dir: West	
Fair	60	0	3	03 10:27:00 PST	SC	18:27-GMT	
						Tt Bottlenose dolphin	Total 5 — 0 Calves at sighting
						Position: 117° / 812 m Dir: West; Behavior: Slow travel	

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type		
Good	75	0	4	04 10:36:00 PST SV	18:36-GMT Fish-trap-commercial - L27574 Position: 258° / 551 m Dir: East <i>Loaded with traps</i>	1 vessel
Good	20	0	4	05 10:52:00 PST SC	18:52-GMT Tt Bottlenose dolphin Position: 105° / 2,553 m Dir: South; Behavior: Slow travel	Total 8 — 0 Calves at sighting
Good	5	0	4	06 11:23:00 PST SV	19:23-GMT Fish-commercial - C on port bow Position: 252° / 2,872 m Dir: East <i>small</i>	1 vessel
Good	5	0	4	07 11:43:00 PST SV	19:43-GMT Helicopter - N____ blue + white Position: 124° / 1200 m Dir: East	1 vessel
Good	5	0	4	08 11:49:00 PST SC	19:49-GMT Tt Bottlenose dolphin Position: 174° / 939 m Dir: East; Behavior: Slow travel	Total 6 — 1 Calf at sighting
Good	5	0	4	09 11:52:00 PST SV	19:52-GMT Fish-trap-commercial - Position: 100° / 2,872 m Dir: Stationary	1 vessel
Good	5	0	4	10 12:00:00 PST SV	20:00-GMT Oil services - Crew Boat Position: 271° / 2,872 m Dir: South	1 vessel
Good	5	0	4	11 12:23:00 PST SV	20:23-GMT Fish-commercial - Position: 271° / 2,553 m Dir: East	1 vessel
Fair	5	4	3	12 12:52:00 PST SC	20:52-GMT Tt Bottlenose dolphin Position: 179° / 288 m Dir: East; Behavior: Slow travel	Total 3 — 1 Calf at sighting
Poor	50	6	2	13 13:52:00 PST T	21:52-GMT <i>TO called at 14:17, T called at 15:00</i> <i>Adjusted to Off-Effort time 13:52</i>	
Poor	50	5	2	X Off-Effort 13 13:52:00 PST SV	21:52-GMT Oil services - Crew Boat Position: 258° / 3,288 m Dir: South	1 vessel

Feb 13 Day 16 of 105

	CCvr	Bft	Vis			
Poor	5	5	3	9:00:00 PST B	17:00-GMT <i>Mist on surface - at SW better visibility - Very windy - Strong glare to SE</i>	
Poor	5	5	3	X Off-Effort 01 9:02:00 PST SV	17:02-GMT Oil services - Crew Boat Position: 236° / 2,872 m Dir: Stationary <i>at Holly buoy</i>	1 vessel
Poor	5	5	3	X Off-Effort 02 9:07:00 PST SV	17:07-GMT Fish-commercial - Position: 145° / 2,872 m Dir: West	1 vessel
Poor	5	5	3	X Off-Effort 03 9:13:00 PST SV	17:13-GMT Sportfish-private - Position: 281° / 2,553 m Dir: East <i>Too windy + building</i>	1 vessel
Poor	5	6	3	9:15:00 PST T	17:15-GMT <i>Adjusted to Zero survey time - All sightings Off-Effort</i>	

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type		
					Code			
Feb 14	Day 17 of 105							
	CCvr	Bft	Vis					
Good	0	2	5		9:00:00 PST B	17:00-GMT <i>Low sun - large amount of glare to SE</i>		
Good	0	2	5	01	9:13:00 PST SV	17:13-GMT Jet ski - USGS team Position: 100° / 2,872 m Dir: Stationary <i>a pair of USGS surveyers</i>	2 vessels	
Good	0	2	5	02	9:15:00 PST SC	17:15-GMT Tt Bottlenose dolphin Position: 101° / 2,553 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting	
Good	0	3	5	03	9:26:00 PST SV	17:26-GMT Fish-trap-commercial - 12952 Tommy Position: 103° / 2,872 m Dir: West <i>Going fast along kelp alongside dive boat (sighting #4)</i>	1 vessel	
Good	0	3	5	04	9:27:00 PST SV	17:27-GMT Dive-research - Position: 102° / 2,872 m Dir: West <i>Going fast along kelp alongside Lobster boat, 12952 Tommy (sighting #3)</i> <i>White Evinrude outboard</i>	1 vessel	
Good	0	3	4	05	9:59:00 PST SV	17:59-GMT Oil services - Crew Boat Position: 286° / 3,288 m Dir: North	1 vessel	
Good	0	3	4	06	10:09:00 PST SV	18:09-GMT Airplane - Position: 194° / 1200 m Dir: <i>air cargo turning to land</i>	1 vessel	
Good	0	3	4	07	10:10:00 PST SV	18:10-GMT Helicopter - Military Position: 88° / 3000 m Dir: West <i>2 helicopters flew right over our heads</i>	1 vessel	
Good	0	3	4	08	10:25:00 PST SV	18:25-GMT Oil services - Crew Boat Position: 294° / 3,288 m Dir: West <i>leaving oil pier, turned and headed west</i>	1 vessel	
Excellent	0	1	5	09	11:00:00 PST SV	19:00-GMT Oil services - Crew Boat Position: 276° / 3,288 m Dir: South <i>left oil pier appears to be headed to Holly</i>	1 vessel	
Excellent	0	1	5	10	11:13:00 PST SV	19:13-GMT Private - FG06014 blue canopy Position: 104° / 2,553 m Dir: West <i>blue canopy - sportfishing? diving?</i>	1 vessel	
Poor	0	5	3		13:57:00 PST TO	21:57-GMT		
Poor	0	5	3	11	13:57:00 PST Off-Effort SC	21:57-GMT ULW unidentified large whale Position: 254° / 1,778 m Dir: nd; Behavior: Slow travel	Total 1 — 0 Calves at sighting	
Poor	0	5	3	12	14:00:00 PST Off-Effort SV	22:00-GMT Oil services - Crew Boat Position: 274° / 3,288 m Dir: South	1 vessel	
Fair	0	4	3		14:20:00 PST TI	22:20-GMT		

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	0	6	3	
		15:00:00 PST T	23:00-GMT <i>stayed until 16:00 - no quit in wind</i> <i>Adjusted for Off-Effort</i>	
Poor	0	5	3	
		13 Off-Effort S	23:07-GMT Er Gray whale (northbound) Position: 168° / 378 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
<hr/>				
Feb 15	Day 18 of 105			
	CCvr	Bft	Vis	
Good	5	2	4	
		9:00:00 PST B	17:00-GMT <i>Except for strong sun path, Good everywhere</i>	
Good	5	2	4	
		01 9:05:00 PST SV	17:05-GMT Kelp harvester - Position: 101° / 2,553 m Dir: North	1 vessel
Good	5	2	4	
		02 9:05:00 PST SV	17:05-GMT Fish-trap-commercial - Position: 112° / 2,094 m Dir: Stationary	1 vessel
Good	5	2	4	
		03 9:05:00 PST SV	17:05-GMT Oil services - Crew Boat Position: 237° / 2,872 m Dir: Stationary <i>at Holly buoy</i>	1 vessel
Good	5	2	4	
		04 9:10:00 PST SV	17:10-GMT Fish-commercial - Position: 261° / 3,288 m Dir: West	1 vessel
Good	5	2	4	
		05 9:48:00 PST SV	17:48-GMT Sportfish-private - Position: 108° / 3,288 m Dir: West <i>small boat - two people - traveling fast</i>	1 vessel
Good	5	2	4	
		06 10:05:00 PST SC	18:05-GMT Er Gray whale (southbound) Position: 171° / 1,294 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	5	2	4	
		07 10:09:00 PST SV	18:09-GMT Fish-trap-commercial - Position: 115° / 3,288 m Dir: West <i>Moving rapidly</i>	1 vessel
Good	5	2	4	
		08 10:30:00 PST SV	18:30-GMT Whale watching - Condor Express Position: 103° / 2,872 m Dir: West	1 vessel
Good	0	2	4	
		09 10:53:00 PST SV	18:53-GMT Private - Position: 112° / 3,288 m Dir: West <i>small</i>	1 vessel
Good	0	2	4	
		10 11:21:00 PST SV	19:21-GMT Oil services - Crew Boat Position: 282° / 3,288 m Dir: South <i>towards Holly</i>	1 vessel
Excellent	0	1	5	
		11 11:30:00 PST SC	19:30-GMT Er Gray whale (southbound) Position: 156° / 4,712 m Dir: East; Behavior: Slow travel <i>Condor on whale - way out</i>	Total 1 — 0 Calves at sighting
Excellent	0	1	5	
		12 11:48:00 PST SV	19:48-GMT Oil services - Crew Boat Position: 287° / 3,288 m Dir: South	1 vessel
Excellent	0	1	4	
		13 12:29:00 PST S	20:29-GMT Er Gray whale (northbound) Position: 159° / 2,553 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Excellent	0	1	4	14 12:32:00 PST SV 20:32-GMT Oil services - Crew Boat Position: 284° / 3,288 m Dir: South	1 vessel
Excellent	0	1	4	15 12:47:00 PST SV 20:47-GMT Fish-commercial - Position: 232° / 1,369 m Dir: East	1 vessel
Excellent	0	1	4	16 12:53:00 PST SV 20:53-GMT Fish-commercial - C on port bow Position: 265° / 2,553 m Dir: East <i>trawling?</i>	1 vessel
Excellent	0	1	4	17 14:07:00 PST SV 22:07-GMT Fish-trap-commercial - Position: 194° / 578 m Dir: Stationary	1 vessel
Excellent	0	1	4	18 14:08:00 PST SV 22:08-GMT Oil services - Tug (small) Julie Position: 147° / 1,294 m Dir: West <i>small tug for oil barge (big tug towing oil barge at horizon coming in from west)</i>	1 vessel
Excellent	0	1	4	19 14:12:00 PST SV 22:12-GMT Oil services - Crew Boat Position: 239° / 3,288 m Dir: Stationary <i>at Holly buoy</i>	1 vessel
Good	0	0	4	20 15:01:00 PST SV 23:01-GMT Fish-trap-commercial - L68347 Position: 179° / 378 m Dir: East	1 vessel
Good	0	0	4	21 15:05:00 PST SV 23:05-GMT Barge/tug - Oil barge + tug (CF) Position: 173° / 3,288 m Dir: East <i>approaching the barge terminal</i>	1 vessel
Good	0	0	4	22 15:06:00 PST SV 23:06-GMT Fish-trap-commercial - Position: 194° / 356 m Dir: East <i>bright green</i>	1 vessel
Good	0	1	4	23 15:51:00 PST SV 23:51-GMT Research vessel - UCSB: barge Position: 120° / 2,094 m Dir: West	1 vessel
Good	0	1	4	24 16:11:00 PST SC 0:11; 2/16/2007-GMT D sp Common dolphin species Position: 204° / 4,712 m Dir: East; Behavior: Fast travel <i>lots of dolphins - spread out over large area - way out - back lit</i>	Total 1000 — 0 Calves at sighting
Good	0	1	4	25 16:37:00 PST SV 0:37; 2/16/2007-GMT Kayak/canoe (beyond kelp) - Position: 219° / 288 m Dir: West <i>2 - still in kelp area</i>	1 vessel
Good	0	1	4	26 16:59:00 PST SC 0:59; 2/16/2007-GMT Tt Bottlenose dolphin Position: 117° / 1,019 m Dir: West; Behavior: Slow travel • Milling	Total 12 — 0 Calves at sighting
Good	0	1	4	17:00:00 PST T 1:00; 2/16/2007-GMT	

Feb 16 Day 19 of 105

	CCir	Bft	Vis		
Good	0	0	4	9:00:00 PST B 17:00-GMT <i>Slight haze - will be inversion - offshore winds (Santa Ana winds)</i>	
Good	0	0	4	01 9:10:00 PST SV 17:10-GMT Barge/tug - Oil barge + tug (CF) Position: 273° / 1,019 m Dir: Stationary <i>in place - arrived 2/15</i>	<i>Images: 5683-7. 5690-5 (with Tts)</i>

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type		
Good	0	0	4	02 9:10:00 PST SV 17:10-GMT Oil services - Tug (small) Julie Position: 274° / 1,294 m Dir: Stationary	1 vessel
Good	0	0	4	03 9:10:00 PST SV 17:10-GMT Fish-commercial - Position: 262° / 2,872 m Dir: South <i>If moving... very slowly</i>	1 vessel
Good	0	0	4	04 9:13:00 PST SV 17:13-GMT Fish-trap-commercial - L68347 Position: 121° / 2,872 m Dir: West	1 vessel
Good	0	0	4	05 9:15:00 PST SV 17:15-GMT Kelp harvester - Position: 102° / 1,546 m Dir: North <i>moving slowly in kelp</i>	1 vessel
Good	0	0	4	06 9:36:00 PST SC 17:36-GMT Tt Bottlenose dolphin Position: 126° / 840 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	0	0	4	07 9:42:00 PST SC 17:42-GMT Tt Bottlenose dolphin Position: 121° / 1,019 m Dir: North; Behavior: Slow travel • Milling	Total 2 — 0 Calves at sighting
Good	0	0	4	08 9:56:00 PST SV 17:56-GMT Research vessel - UCSB: barge Position: 286° / 1,228 m Dir: Stationary	1 vessel
Good	0	0	4	09 9:59:00 PST SV 17:59-GMT Fish-trap-commercial - L27574 Position: 272° / 1,019 m Dir: West	1 vessel
Good	0	0	4	10 10:03:00 PST SV 18:03-GMT Private - FG06014 blue canopy Position: 107° / 2,094 m Dir: West	1 vessel
Good	0	1	4	11 10:03:00 PST SV 18:03-GMT Sportfish-commercial - Stardust Position: 105° / 2,872 m Dir: West	1 vessel <i>Images: 5688-9</i>
Excellent	0	1	5	12 11:03:00 PST S 19:03-GMT Er Gray whale (northbound) Position: 120° / 840 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Excellent	5	1	5	13 13:01:00 PST SV 21:01-GMT Fish-commercial - Tytan Position: 129° / 1,546 m Dir: East	1 vessel
Good	10	0	4	14 13:09:00 PST SC 21:09-GMT Tt Bottlenose dolphin Position: 124° / 578 m Dir: West; Behavior: Slow travel	Total 5 — 1 Calf at sighting
Excellent	5	0	5	15 14:45:00 PST SV 22:45-GMT Oil services - Crew Boat Position: 239° / 2,553 m Dir: South	1 vessel
Excellent	5	0	5	16 16:03:00 PST S 0:03; 2/17/2007-GMT Er Gray whale (northbound) Position: 180° / 607 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Excellent	5	0	5	17 16:37:00 PST SV 0:37; 2/17/2007-GMT Sailboat - 6317 Position: 234° / 2,094 m Dir: East	1 vessel <i>Images: 5696</i>
Excellent	5	0	5	18 16:37:00 PST SV 0:37; 2/17/2007-GMT Oil services - Crew Boat Position: 274° / 3,288 m Dir: South	1 vessel
Excellent	5	0	5	17:00:00 PST T 1:00; 2/17/2007-GMT	

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type		
					Code			
Feb 17	Day 20 of 105							
	CCvr	Bft	Vis					
	Fair	5	0	3		9:00:00 PST B	17:00-GMT <i>Haze + glare to E + S</i>	
	Good	10	1	4	01	10:16:00 PST S	18:16-GMT Er Gray whale (northbound) Position: 123° / 1,113 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
	Good	90	0	4		17:00:00 PST T	1:00; 2/18/2007-GMT	
Feb 18	Day 21 of 105							
	CCvr	Bft	Vis					
	Fair	100	0	3		9:00:00 PST B	17:00-GMT <i>No contrast - no horizon in places</i>	
	Good	90	1	4	01	10:41:00 PST SC	18:41-GMT Tt Bottlenose dolphin Position: 212° / 840 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
	Good	80	1	4	02	10:58:00 PST SO	18:58-GMT El Southern Sea otter Position: 147° / 433 m Dir: East; Behavior: Slow travel • Milling	Total 1 — 0 Pups at sighting
	Good	85	1	4	03	14:08:00 PST SV	22:08-GMT Fish-commercial - Position: 113° / 2,553 m Dir: East	1 vessel
	Good	85	1	4	04	14:11:00 PST SV	22:11-GMT Oil services - Crew Boat Position: 276° / 3,288 m Dir: South	1 vessel
	Good	85	1	4	05	14:19:00 PST SV	22:19-GMT Whale watching - Condor Express Position: 107° / 3,288 m Dir: East <i>Came to Campus Point from east, turned and headed back east</i>	1 vessel
	Good	90	1	4	06	15:20:00 PST SV	23:20-GMT Fish-commercial - Position: 250° / 2,872 m Dir: East	1 vessel
	Good	90	1	4	07	15:31:00 PST SV	23:31-GMT Helicopter - N____ blue + white Position: 109° / 1200 m Dir: West	1 vessel
	Good	90	1	4	08	15:38:00 PST SV	23:38-GMT Sportfish-private - Position: 159° / 871 m Dir: East	1 vessel
	Good	90	1	4	09	15:42:00 PST SV	23:42-GMT Fish-trap-commercial - Position: 257° / 1,294 m Dir: East <i>black hull</i>	1 vessel
	Good	90	1	4	10	15:58:00 PST SV	23:58-GMT Sailboat (motor) - Position: 132° / 3,288 m Dir: West	1 vessel
	Good	90	1	4		17:00:00 PST T	1:00; 2/19/2007-GMT <i>USGS - 2 jet skis (not entered in Vessel Log) in area - arrived @ 10:30 heading west and coming pretty fast around Campus Point, but soon slowed to reasonable speed - traveled about 150 m off kelp. @ 12:00 came back across Coal Oil Point from west to east.</i>	

All Sighting Numbers, Raw

			Number	Time	Species / Vessel Type	
				Code		
Feb 19	Day 22 of 105					
	CCvr	Bft	Vis			
Poor	30	4	3		9:00:00 PST B	17:00-GMT <i>Haze + glare to E</i>
Poor	30	4	3	01	9:16:00 PST SO	17:16-GMT El Southern Sea otter Position: 103° / 1,546 m Dir: Stationary; Behavior: Milling Total 1 — 0 Pups at sighting
Fair	45	3	4	02	9:26:00 PST SC	17:26-GMT ULW unidentified large whale Position: 111° / 2,553 m Dir: nd; Behavior: Slow travel <i>Likely Er southbound - Weather: Dark/Light - less haze - 4 Beaufort starts 1 nm out</i> Total 1 — 0 Calves at sighting
Fair	45	3	4	03	9:54:00 PST SO	17:54-GMT El Southern Sea otter Position: 164° / 189 m Dir: Stationary; Behavior: Milling Total 1 — 0 Pups at sighting
Good	35	3	4	04	10:02:00 PST SC	18:02-GMT Tt Bottlenose dolphin Position: 124° / 578 m Dir: West; Behavior: Slow travel Total 18 — 0 Calves at sighting
Good	20	3	4	05	10:21:00 PST SC	18:21-GMT Tt Bottlenose dolphin Position: 133° / 367 m Dir: West; Behavior: Slow travel • Milling Total 7 — 2 Calves at sighting
Poor	5	6	3		12:29:00 PST TO	20:29-GMT <i>Very windy</i>
Poor	15	5	4 X	06	12:29:00 PST Off-Effort SC	20:29-GMT Tt Bottlenose dolphin Position: 158° / 242 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Poor	15	5	4 X	07	12:37:00 PST Off-Effort SC	20:37-GMT Er Gray whale (southbound) Position: 222° / 639 m Dir: East; Behavior: Slow travel Total 1 — 0 Calves at sighting
Poor	5	5	3 X	08	13:34:00 PST Off-Effort SV	21:34-GMT Fish-trap-commercial - Casey III - CF Position: 160° / 433 m Dir: East <i>around IV kelp a longtime</i> 1 vessel
Poor	10	5	3 X	09	13:51:00 PST Off-Effort SV	21:51-GMT Whale watching - Condor Express Position: 108° / 2,553 m Dir: West 1 vessel
Poor	5	5	3		14:00:00 PST TI	22:00-GMT
Poor	10	4	3	10	14:01:00 PST S	22:01-GMT Er Gray whale (northbound) Position: 121° / 1,546 m Dir: West; Behavior: Slow travel <i>juvenile whale</i> Total 1 — 0 Calves at sighting
Poor	5	4	3	11	14:34:00 PST SV	22:34-GMT Oil services - Crew Boat Position: 285° / 3,288 m Dir: South 1 vessel
Fair	5	3	3	12	14:52:00 PST SV	22:52-GMT Helicopter - N____ blue + white Position: 194° / 400 m Dir: East 1 vessel
Fair	5	3	3	13	15:32:00 PST SV	23:32-GMT Oil services - Position: 174° / 3,288 m Dir: West <i>Supply? slowly by Holly, then kept going west</i> 1 vessel
Fair	5	3	2		17:00:00 PST T	1:00; 2/20/2007-GMT <i>@ 11:47 Coast Guard Cutter @ 110° / horizon heading SW (too far out for us)</i>

All Sighting Numbers, Raw

		Number	Time	Code	Species / Vessel Type		
Feb 20	Day 23 of 105						
	CCvr	Bft	Vis				
Good	70	0	4		9:00:00 PST B	17:00-GMT <i>Glare to SE</i>	
Good	70	0	4	01	9:10:00 PST SV	17:10-GMT Kelp harvester - Position: 103° / 2,094 m Dir: West	1 vessel
Good	70	0	4	02	9:36:00 PST SV	17:36-GMT Fish-trap-commercial - Position: 114° / 1,778 m Dir: West <i>blue hull</i>	1 vessel
Good	70	0	4	03	9:37:00 PST SV	17:37-GMT Whale watching - Condor Express Position: 109° / 2,094 m Dir: West	1 vessel
Good	15	1	4	04	9:48:00 PST SV	17:48-GMT Fish-commercial - Tytan Position: 276° / 3,288 m Dir: East	1 vessel
Good	5	1	4	05	10:13:00 PST SV	18:13-GMT Fish-trap-commercial - Position: 263° / 2,872 m Dir: East <i>white</i>	1 vessel
Good	5	1	4	06	10:48:00 PST S	18:48-GMT Er Gray whale (northbound) Position: 129° / 2,094 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	0	2	3	07	12:09:00 PST SV	20:09-GMT Oil services - Crew Boat Position: 280° / 3,288 m Dir: North	1 vessel
Good	0	2	3	08	12:10:00 PST SV	20:10-GMT Fish-commercial - Position: 253° / 2,872 m Dir: East	1 vessel
Good	0	2	3	09	12:43:00 PST SV	20:43-GMT Helicopter - Position: 157° / 1600 m Dir: East <i>circling</i>	1 vessel
Good	0	2	3	10	12:51:00 PST SV	20:51-GMT Oil services - Crew Boat Position: 286° / 3,288 m Dir: South	1 vessel
Good	0	2	3	11	12:55:00 PST SV	20:55-GMT Whale watching - Condor Express Position: 156° / 3,288 m Dir: West	1 vessel
Fair	40	1	3	12	14:42:00 PST SV	22:42-GMT Helicopter - N____ blue + white Position: 124° / 800 m Dir: North	1 vessel
Fair	40	1	3	13	14:48:00 PST SV	22:48-GMT Sailboat - Position: 126° / 3,288 m Dir: North	1 vessel
Fair	85	1	3	14	15:12:00 PST SV	23:12-GMT Sailboat (motor) - Position: 249° / 2,553 m Dir: East	1 vessel
Fair	85	1	3	15	15:14:00 PST SO	23:14-GMT El Southern Sea otter Position: 131° / 607 m Dir: Stationary; Behavior: not determined	Total 1 — 0 Pups at sighting
Fair	85	1	3	16	15:16:00 PST SV	23:16-GMT Fish-trap-commercial - L24496 Sea Position: 144° / 3,288 m Dir: West	1 vessel

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type		
Fair	85	1	3	17 15:34:00 PST SV	23:34-GMT Helicopter - Position: 194° / 1600 m Dir: East <i>circling east of Holly</i>	1 vessel
Fair	85	1	3	18 15:50:00 PST S	23:50-GMT Er Gray whale (northbound) Position: 169° / 715 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	85	1	3	19 15:53:00 PST SV	23:53-GMT Helicopter - Position: 94° / 500 m Dir: West <i>military - flew over our heads</i>	1 vessel
Fair	85	1	3	20 16:55:00 PST S	0:55; 2/21/2007-GMT Er Gray whale (northbound) Position: 102° / 3,288 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	85	1	3	17:31:00 PST T	1:31; 2/21/2007-GMT	
<hr/>						
Feb 21	Day 24 of 105					
	CCvr	Bft	Vs			
Fair	90	1	3	9:00:00 PST B	17:00-GMT	
Fair	90	1	3	01 9:11:00 PST SV	17:11-GMT Kelp harvester - Position: 104° / 1,778 m Dir: North	1 vessel
Fair	90	1	3	02 9:27:00 PST S	17:27-GMT Er Gray whale (northbound) Position: 164° / 505 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair	90	1	4	03 9:53:00 PST SV	17:53-GMT Fish-trap-commercial - L24496 Sea Position: 108° / 2,553 m Dir: West <i>Weather: Lots of 0 Beaufort</i>	1 vessel
Fair	90	1	4	04 10:01:00 PST SV	18:01-GMT Dive-research - UCSB: seep monitor Position: 249° / 1,778 m Dir: North	1 vessel
Fair	90	1	4	05 10:14:00 PST SO	18:14-GMT El Southern Sea otter Position: 114° / 1,228 m Dir: Stationary; Behavior: not determined <i>with gull</i>	Total 1 — 0 Pups at sighting
Good	90	2	4	06 10:31:00 PST SV	18:31-GMT Oil services - Crew Boat Position: 290° / 3,288 m Dir: South <i>Weather: still some 0 Beaufort</i>	1 vessel
Good	90	2	4	07 10:42:00 PST SV	18:42-GMT Oil services - Crew Boat Position: 274° / 3,288 m Dir: North <i>Different crew boat from west turned north toward oil pier</i>	1 vessel
Good	5	3	3	08 11:44:00 PST SV	19:44-GMT Dive-private - FG06014 blue canopy Position: 101° / 2,872 m Dir: West	1 vessel
Good	5	3	3	09 11:45:00 PST SV	19:45-GMT Oil services - Crew Boat Position: 267° / 2,872 m Dir: South	1 vessel
Good	5	3	3	10 11:45:00 PST SV	19:45-GMT Fish-commercial - Position: 247° / 2,553 m Dir: North	1 vessel

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Good	0	3	4	11 12:23:00 PST SV	20:23-GMT Helicopter - Position: 138° / 200 m Dir: West 1 vessel
Good	0	2	4	12 12:28:00 PST S	20:28-GMT Er Gray whale (northbound) Position: 159° / 840 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	0	2	4	13 12:43:00 PST SV	20:43-GMT Whale watching - Condor Express Position: 152° / 840 m Dir: West <i>We called them; they came.</i> 1 vessel
Good	20	2	4	14 13:39:00 PST SV	21:39-GMT Fish-commercial - Position: 177° / 2,553 m Dir: East <i>green hull</i> 1 vessel
Good	30	0	4	15 14:33:00 PST SV	22:33-GMT Fish-trap-commercial - Position: 221° / 3,288 m Dir: East <i>white</i> 1 vessel
Good	30	0	4	16 14:34:00 PST SV	22:34-GMT Oil services - Crew Boat Position: 290° / 3,288 m Dir: South 1 vessel
Good	30	0	4	17 14:35:00 PST SV	22:35-GMT Sailboat (motor) - Position: 117° / 2,553 m Dir: West 1 vessel
Fair	80	1	4	18 15:10:00 PST S	23:10-GMT Er Gray whale (northbound) Position: 144° / 1,228 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	80	1	4	19 15:27:00 PST SV	23:27-GMT Private - Position: 249° / 2,553 m Dir: West <i>RHIB orange</i> 1 vessel
Good	70	2	4	20 16:04:00 PST SO	0:04; 2/22/2007-GMT El Southern Sea otter Position: 140° / 378 m Dir: Stationary; Behavior: Milling Total 1 — 0 Pups at sighting
Good	70	2	4	21 16:24:00 PST SV	0:24; 2/22/2007-GMT Oil services - Crew Boat Position: 254° / 3,288 m Dir: East <i>coming from west</i> 1 vessel
Good	70	2	4	22 16:43:00 PST SV	0:43; 2/22/2007-GMT Oil services - Crew Boat Position: 262° / 3,288 m Dir: West 1 vessel
Good	70	2	4	17:00:00 PST T	1:00; 2/22/2007-GMT
Feb 22 Day 25 of 105					
	CCvr	Bft	Vis		
Fair	100	3	5	9:00:00 PST B	17:00-GMT <i>Fair due to darkness, changing cloud patterns (light), least visibility SW</i> <i>Probably northbound whale(s) passed before 09:00 - most likely 2 animals</i>
Fair	100	3	5	01 9:06:00 PST S	17:06-GMT Er Gray whale (northbound) Position: 260° / 2,872 m Dir: West; Behavior: Slow travel <i>Observed blows prior to 09:00; crew boat (not entered in Vessel Log) near whale</i> Total 1 — 0 Calves at sighting
Fair	100	3	5	02 9:45:00 PST SC	17:45-GMT Tt Bottlenose dolphin Position: 236° / 2,872 m Dir: West; Behavior: Fast travel Total 3 — 0 Calves at sighting

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type	
					Code		
Poor	100	3	1.5		10:35:00 PST	18:35-GMT	
					T	<i>Rain - fog enveloping Holly</i>	
<hr/>							
Feb 23	Day 26 of 105						
	CCvr	Bft	Vis				
Fair	0	4	4		9:00:00 PST	17:00-GMT	
					B	<i>Strong glare SE; High 4 Beaufort, may be building</i>	
Poor	0	5	4		9:42:00 PST	17:42-GMT	
					TO		
Poor	0	4	4		9:50:00 PST	17:50-GMT	
					TI		
Poor	0	4	4	01	10:19:00 PST	18:19-GMT	
					SO	El Southern Sea otter	Total 1 — 0 Pups at sighting
						Position: 231° / 351 m Dir: West; Behavior: Slow travel	
Poor	0	4	4	02	10:33:00 PST	18:33-GMT	
					SV	Whale watching - Condor Express	1 vessel
						Position: 104° / 2,553 m Dir: West	
Fair	10	4	4	03	12:05:00 PST	20:05-GMT	
					SV	Oil services - Crew Boat	1 vessel
						Position: 247° / 2,872 m Dir: South	
Fair	10	4	4	04	12:11:00 PST	20:11-GMT	
					SV	Airplane -	1 vessel
						Position: 104° / 1600 m Dir: West	
						<i>Navy - orange + white - flew right in front of us</i>	
Poor	5	6	4		12:24:00 PST	20:24-GMT	
					T	<i>Adjusted for Off-Effort</i>	
Poor	10	5	4	05	13:04:00 PST	21:04-GMT	
					Off-Effort S	Er Gray whale (northbound)	Total 1 — 0 Calves at sighting
						Position: 141° / 1,369 m Dir: West; Behavior: Slow travel	
Poor	10	5	4	06	14:01:00 PST	22:01-GMT	
					Off-Effort S	Er Gray whale (northbound)	Total 1 — 0 Calves at sighting
						Position: 175° / 675 m Dir: West; Behavior: Slow travel	
Poor	10	6	4	07	14:07:00 PST	22:07-GMT	
					Off-Effort SV	Kite/Wind-surfer (interacting) -	1 vessel
						Position: 284° / 871 m Dir: South	
						<i>kite surfer - no interaction</i>	
Poor	10	5	4	08	14:23:00 PST	22:23-GMT	
					Off-Effort SC	Tt Bottlenose dolphin	Total 3 — 0 Calves at sighting
						Position: 144° / 715 m Dir: West; Behavior: Fast travel	
						<i>sea lion following dolphins, close as a "pod member"</i>	
Poor	10	5	4	09	14:45:00 PST	22:45-GMT	
					Off-Effort SV	Oil services - Crew Boat	1 vessel
						Position: 275° / 3,288 m Dir: South	
Poor	5	5	4	10	15:23:00 PST	23:23-GMT	
					Off-Effort SV	Sailboat (motor) -	1 vessel
						Position: 226° / 3,288 m Dir: East	
<hr/>							
Feb 24	Day 27 of 105						
	CCvr	Bft	Vis				
Excellent	0	0	5		9:00:00 PST	17:00-GMT	
					B		
Excellent	0	0	5	01	9:05:00 PST	17:05-GMT	
					S	Er Gray whale (northbound)	Total 3 — 0 Calves at sighting
						Position: 151° / 1,778 m Dir: West; Behavior: Slow travel	

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Excellent	0	0	5	02 9:09:00 PST SC 17:09-GMT Tt Bottlenose dolphin Position: 165° / 485 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Excellent	0	0	5	03 9:19:00 PST SV 17:19-GMT Oil services - Position: 202° / 2,553 m Dir: Stationary <i>Large vessel, servicing methane-gas tent</i> 1 vessel
Excellent	0	0	5	04 9:21:00 PST SV 17:21-GMT Fish-trap-commercial - Position: 261° / 551 m Dir: East 1 vessel
Excellent	0	0	5	05 9:34:00 PST SV 17:34-GMT Sportfish-private - Position: 139° / 1,778 m Dir: West <i>small outboard with 5 people</i> 1 vessel
Excellent	0	0	5	06 9:39:00 PST SV 17:39-GMT Whale watching - Condor Express Position: 112° / 1,778 m Dir: West 1 vessel
Excellent	0	0	5	07 9:41:00 PST SV 17:41-GMT Fish-trap-commercial - Position: 110° / 1,778 m Dir: West <i>moving between traps</i> 1 vessel
Excellent	0	0	5	08 9:55:00 PST SV 17:55-GMT Fish-commercial - Tytan Position: 272° / 2,872 m Dir: East 1 vessel
Excellent	0	0	5	09 10:10:00 PST SC 18:10-GMT Tt Bottlenose dolphin Position: 160° / 449 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Excellent	0	0	5	10 10:16:00 PST SC 18:16-GMT Tt Bottlenose dolphin Position: 140° / 761 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Excellent	0	0	5	11 10:39:00 PST S 18:39-GMT Er Gray whale (northbound) Position: 120° / 840 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Excellent	0	0	5	12 10:42:00 PST SC 18:42-GMT Tt Bottlenose dolphin Position: 163° / 378 m Dir: East; Behavior: Slow travel Total 2 — 0 Calves at sighting
Excellent	0	0	5	13 10:47:00 PST SV 18:47-GMT Fish-commercial - Position: 111° / 2,872 m Dir: West <i>Going towards Ts (sighting #14) and in path of whale (sighting #11)</i> 1 vessel
Excellent	0	0	5	14 10:53:00 PST SC 18:53-GMT Tt Bottlenose dolphin Position: 134° / 715 m Dir: East; Behavior: Slow travel Total 2 — 0 Calves at sighting
Excellent	0	0	5	15 10:59:00 PST SO 18:59-GMT El Southern Sea otter Position: 162° / 318 m Dir: Stationary; Behavior: Stationary Total 1 — 0 Pups at sighting
Excellent	0	0	5	16 11:06:00 PST SC 19:06-GMT Tt Bottlenose dolphin Position: 146° / 356 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Excellent	0	0	5	17 11:12:00 PST SC 19:12-GMT Tt Bottlenose dolphin Position: 139° / 495 m Dir: West; Behavior: Milling <i>Quasimoda in group</i> Total 3 — 0 Calves at sighting
Excellent	0	1	5	18 11:41:00 PST SV 19:41-GMT Fish-trap-commercial - L72681 Position: 107° / 2,553 m Dir: West <i>dark hull</i> 1 vessel

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Excellent	0	1	5	19 12:18:00 PST SV	20:18-GMT Dive-private - CF 28_3 ___ Position: 107° / 2,553 m Dir: West 1 vessel
Excellent	0	1	5	20 13:21:00 PST SC	21:21-GMT Tt Bottlenose dolphin Position: 152° / 527 m Dir: West; Behavior: Slow travel Total 6 — 0 Calves at sighting
Good	0	2	5	21 16:12:00 PST SC	0:12; 2/25/2007-GMT Tt Bottlenose dolphin Position: 259° / 607 m Dir: Stationary; Behavior: Milling Total 4 — 0 Calves at sighting
Good	0	0	5	22 16:21:00 PST SO	0:21; 2/25/2007-GMT El Southern Sea otter Position: 220° / 157 m Dir: East; Behavior: Slow travel <i>May be sighting #15</i> Total 1 — 0 Pups at sighting
Good	0	0	5	23 16:44:00 PST SC	0:44; 2/25/2007-GMT Tt Bottlenose dolphin Position: 98° / 2,872 m Dir: Stationary; Behavior: Milling Total 6 — 0 Calves at sighting
Good	0	0	5	17:00:00 PST T	1:00; 2/25/2007-GMT

Feb 25 Day 28 of 105

CCvr Bft Vis

Fair 80 3 4

9:00:00 PST 17:00-GMT
B
Partly cloudy - Glare to SE

Fair 80 3 4

01 9:00:00 PST 17:00-GMT
SV
Oil services - 1 vessel
Position: 200° / 2,872 m Dir: Stationary
working at methane-gas tent - same as yesterday

Fair 80 4 4

02 9:15:00 PST 17:15-GMT
S
Er Gray whale (northbound) Total 1 — 0 Calves at sighting
Position: 265° / 1,369 m Dir: West; Behavior: Slow travel • Fluke

Fair 80 4 4

03 9:29:00 PST 17:29-GMT
SC
Tt Bottlenose dolphin Total 10 — 0 Calves at sighting
Position: 234° / 327 m Dir: East; Behavior: Slow travel • Milling

Fair 80 4 4

04 9:39:00 PST 17:39-GMT
S
Er Gray whale (northbound) Total 2 — 0 Calves at sighting
Position: 149° / 1,778 m Dir: West; Behavior: not determined

Fair 80 4 4

05 9:43:00 PST 17:43-GMT
SV
Whale watching - Condor Express 1 vessel
Position: 109° / 2,094 m Dir: West

Poor 50 5 2

11:00:00 PST 19:00-GMT
T

Feb 26 Day 29 of 105

CCvr Bft Vis

Fair 0 3 4

9:00:00 PST 17:00-GMT
B
Strong glare to SE - some haze - stronger wind 2 nm south

No Vessel Log - Same oil services vessel at gas tent with small tug that assists with oil barge

Poor 0 6 2

10:00:00 PST 18:00-GMT
T

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type		
					Code			
Feb 27	Day 30 of 105							
	CCvr	Bft	Vis					
	Poor	10	5	2	9:00:00 PST	17:00-GMT		
					B		<i>Very windy - Strong glare to east</i>	
	Poor	10	5	2	9:00:00 PST	17:00-GMT		
					TO			
	Poor	10	5	2	01 9:02:00 PST	17:02-GMT		
				X	Off-Effort SV	Oil services -		1 vessel
						Position: 200° / 2,872 m Dir: Stationary		
						<i>working on methane-gas tent - same as past days</i>		
	Poor	10	4	3	9:59:00 PST	17:59-GMT		
					TI			
	Poor	50	4	3	02 10:48:00 PST	18:48-GMT		
					S	Er Gray whale (northbound)		Total 2 — 0 Calves at sighting
						Position: 186° / 1,778 m Dir: West; Behavior: Slow travel		• Fluke
	Poor	50	4	3	03 10:53:00 PST	18:53-GMT		
					SV	Oil services - Crew Boat		1 vessel
						Position: 275° / 3,288 m Dir: South		
	Poor	50	4	4	04 11:03:00 PST	19:03-GMT		
					SV	Helicopter - N_____ blue + white		1 vessel
						Position: 249° / 800 m Dir: East		
	Poor	5	6	4	11:16:00 PST	19:16-GMT		
					T		<i>kite surfers</i>	
	Poor	50	5	4	05 11:16:00 PST	19:16-GMT		
				X	Off-Effort S	Er Gray whale (northbound)		Total 1 — 0 Calves at sighting
						Position: 117° / 1,228 m Dir: West; Behavior: Slow travel		
Feb 28	Day 31 of 105							
	CCvr	Bft	Vis					
	Fair	5	4	3	9:00:00 PST	17:00-GMT		
					B		<i>Bright glare east-southeast - wind - mist - visibility much better to west</i>	
	Fair	5	4	3	01 9:03:00 PST	17:03-GMT		
					SV	Oil services -		1 vessel
						Position: 201° / 2,872 m Dir: Stationary		
						<i>2 vessels (including same one from past few days) bound together (?) at methane-gas tent</i>		
	Poor	5	6	3	9:57:00 PST	17:57-GMT		
					T		<i>Adjusted for > B 5</i>	
	Poor	5	5	3	02 10:04:00 PST	18:04-GMT		
				X	Off-Effort SV	Oil services - Tug (small) Julie		1 vessel
						Position: 198° / 2,872 m Dir: East		
						<i>same tug that assists with oil barge</i>		
	Poor	5	5	3	03 10:09:00 PST	18:09-GMT		
				X	Off-Effort SV	Oil services - Crew Boat		1 vessel
						Position: 271° / 3,288 m Dir: South		
Mar 01	Day 32 of 105							
	CCvr	Bft	Vis					
	Fair	0	3	4	9:00:00 PST	17:00-GMT		
					B		<i>Heavy glare SE</i>	
	Fair	0	3	4	01 9:07:00 PST	17:07-GMT		
					SV	Fish-trap-commercial - L27574		1 vessel
						Position: 192° / 812 m Dir: West		

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0 3 4	02 9:09:00 PST SV	17:09-GMT Research vessel - Garibaldi Position: 151° / 2,094 m Dir: West <i>Side-scan sonar</i>	1 vessel
Fair	0 3 4	03 9:12:00 PST SV	17:12-GMT Fish-commercial - Stardust Position: 267° / 2,094 m Dir: East	1 vessel
Fair	0 3 4	04 9:14:00 PST SV	17:14-GMT Dive-research - UCSB: seep monitor Position: 261° / 1,369 m Dir: Stationary	1 vessel
Fair	0 3 4	05 9:15:00 PST SV	17:15-GMT Oil services - Crew Boat Position: 237° / 2,872 m Dir: Stationary <i>at Holly buoy</i>	1 vessel
Fair	0 3 4	06 9:16:00 PST SV	17:16-GMT Fish-trap-commercial - L68347 Position: 125° / 1,778 m Dir: South	1 vessel
Fair	0 3 4	07 9:20:00 PST SV	17:20-GMT Fish-commercial - Position: 182° / 3,288 m Dir: West	1 vessel
Good	0 3 4	08 10:01:00 PST SO	18:01-GMT El Southern Sea otter Position: 100° / 1,778 m Dir: Stationary; Behavior: Milling <i>Weather: Less glare than before</i>	Total 1 — 0 Pups at sighting
Good	0 3 4	09 10:51:00 PST SV	18:51-GMT Oil services - Crew Boat Position: 268° / 3,288 m Dir: West <i>toward western rigs</i>	1 vessel
Good	0 3 4	10 10:52:00 PST SV	18:52-GMT Oil services - Crew Boat Position: 236° / 2,872 m Dir: Stationary <i>at Holly buoy</i>	1 vessel
Fair	0 4 4	11 11:16:00 PST SO	19:16-GMT El Southern Sea otter Position: 199° / 212 m Dir: Stationary; Behavior: Milling <i>On back, eating lobster</i>	Total 1 — 0 Pups at sighting
Fair	0 4 4	12 12:24:00 PST S	20:24-GMT Er Gray whale (northbound) Position: 140° / 1,778 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0 4 4	13 12:31:00 PST SV	20:31-GMT Whale watching - Condor Express Position: 104° / 3,288 m Dir: South	1 vessel
Fair	0 4 4	14 12:50:00 PST S	20:50-GMT Er Gray whale (northbound) Position: 127° / 2,553 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0 4 5	15 14:44:00 PST SC	22:44-GMT Tt Bottlenose dolphin Position: 189° / 433 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	0 4 5	16 14:54:00 PST SV	22:54-GMT Oil services - Crew Boat Position: 232° / 2,872 m Dir: Stationary <i>at Holly</i>	1 vessel
Fair	0 4 5	17 15:18:00 PST S	23:18-GMT Er Gray whale (northbound) Position: 146° / 1,294 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

Images: 5776-9

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type			
Fair	0	4	4	18	16:53:00 PST S	0:53; 3/2/2007-GMT Er Gray whale (northbound) Position: 169° / 2,872 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair	0	4	4		17:08:00 PST T	1:08; 3/2/2007-GMT	
Mar 02 Day 33 of 105							
	CCvr	Bft	Vis				
Fair	5	4	4		9:00:00 PST B	17:00-GMT <i>Very strong glare to SE - North wind</i> <i>USGS reported to us after measuring our site altitude between benches as being 10.88 meters mean</i>	
Fair	5	4	4	01	9:05:00 PST SV	17:05-GMT Research vessel - Garibaldi Position: 206° / 607 m Dir: East <i>Side-scan sonar</i>	1 vessel
Fair	5	4	4	02	9:08:00 PST SV	17:08-GMT Oil services - Crew Boat Position: 237° / 1,778 m Dir: Stationary <i>at Holly buoy</i>	1 vessel
Fair	5	4	4	03	9:09:00 PST SV	17:09-GMT Oil services - Position: 236° / 2,872 m Dir: Stationary <i>working on methane-gas tent, as it has the past few days</i>	1 vessel
Fair	5	4	4	04	9:11:00 PST SV	17:11-GMT Kelp harvester - Position: 101° / 2,553 m Dir: East	1 vessel
Fair	5	4	4	05	9:19:00 PST SC	17:19-GMT Tt Bottlenose dolphin Position: 192° / 346 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	5	3	4	06	9:27:00 PST SC	17:27-GMT Tt Bottlenose dolphin Position: 111° / 812 m Dir: West; Behavior: Slow travel	Total 12 — 0 Calves at sighting
Good	0	3	4	07	9:50:00 PST S	17:50-GMT Er Gray whale (northbound) Position: 104° / 2,094 m Dir: West; Behavior: Slow travel <i>Appears to be right next to kelp harvester</i>	Total 1 — 0 Calves at sighting
Good	0	3	4	08	10:17:00 PST SC	18:17-GMT Tt Bottlenose dolphin Position: 201° / 288 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	0	3	4	09	10:26:00 PST SV	18:26-GMT Helicopter - Military Position: 105° / 2000 m Dir: East <i>Two helicopters - not in Vessel Log - flying about 100 off water</i>	1 vessel
Good	0	3	4	10	10:28:00 PST SC	18:28-GMT Tt Bottlenose dolphin Position: 181° / 302 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good	0	3	4	11	10:31:00 PST SC	18:31-GMT Tt Bottlenose dolphin Position: 168° / 378 m Dir: West; Behavior: Slow travel	Total 8 — 0 Calves at sighting
Good	0	3	4	12	10:34:00 PST SC	18:34-GMT Tt Bottlenose dolphin Position: 164° / 295 m Dir: East; Behavior: Milling	Total 2 — 0 Calves at sighting
Good	0	3	5	13	10:38:00 PST SV	18:38-GMT Fish-trap-commercial - L3466 Position: 102° / 3,288 m Dir: West	1 vessel

All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Good 0 3 5	14 10:46:00 PST SV	18:46-GMT Fish-trap-commercial - 12952 Tommy Position: 119° / 1,778 m Dir: West	1 vessel
Good 0 3 5	15 10:50:00 PST SV	18:50-GMT Helicopter - Military Position: 176° / 1000 m Dir: West <i>8 military helicopters flying at an altitude of about 500 feet</i>	1 vessel
Good 0 3 5	16 11:24:00 PST SC	19:24-GMT Tt Bottlenose dolphin Position: 129° / 232 m Dir: West; Behavior: not indicated	Total 4 — 0 Calves at sighting
Good 20 3 5	17 12:56:00 PST SV	20:56-GMT Whale watching - Condor Express Position: 145° / 4,712 m Dir: West <i>On whale not yet sighted by us - apparently approaching animal from south</i>	1 vessel
Good 20 3 5	18 13:02:00 PST S	21:02-GMT Er Gray whale (northbound) Position: 146° / 4,712 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good 40 3 4	19 14:01:00 PST SC	22:01-GMT Tt Bottlenose dolphin Position: 163° / 2,553 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good 30 3 4	20 15:13:00 PST SV	23:13-GMT Sportfish-commercial - Stardust Position: 250° / 2,553 m Dir: East	1 vessel
Good 30 3 4	21 15:52:00 PST S	23:52-GMT Er Gray whale (northbound) Position: 113° / 2,094 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 30 3 4	22 16:23:00 PST SV	0:23; 3/3/2007-GMT Helicopter - N_____ blue + white Position: 136° / 800 m Dir: West	1 vessel
Good 30 3 4	23 16:30:00 PST SV	0:30; 3/3/2007-GMT Dive-commercial - Apollo Position: 254° / 2,553 m Dir: East	1 vessel
Good 30 3 4	24 16:38:00 PST SV	0:38; 3/3/2007-GMT Oil services - Crew Boat Position: 282° / 3,288 m Dir: South	1 vessel
Good 30 3 4	17:00:00 PST T	1:00; 3/3/2007-GMT	

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CCvr	Bft	Vis	Number	Time Code	Species / Vessel Type	
Good 50	1	4		9:00:00 PST B	17:00-GMT <i>High, thin clouds - 0 Beaufort at horizon</i>	
Good 50	1	4	01	9:06:00 PST SV	17:06-GMT Dive-private - Position: 197° / 449 m Dir: Stationary	1 vessel
Good 50	1	4	02	9:07:00 PST SV	17:07-GMT Fish-commercial - Position: 254° / 2,872 m Dir: Stationary	1 vessel
Good 50	1	4	03	9:11:00 PST SV	17:11-GMT Sportfish-private - Position: 139° / 2,872 m Dir: Stationary	1 vessel
Good 50	1	4	04	9:15:00 PST SV	17:15-GMT Helicopter - Position: 92° / 1200 m Dir: West <i>Flew right over us at a decent altitude</i>	1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	50	1	4	05 9:29:00 PST SV 17:29-GMT Sportfish-private - Position: 129° / 1,778 m Dir: West 1 vessel
Good	50	1	4	06 9:30:00 PST SC 17:30-GMT Tt Bottlenose dolphin Position: 126° / 495 m Dir: East; Behavior: Slow travel Total 3 — 0 Calves at sighting
Good	50	1	4	07 9:31:00 PST SC 17:31-GMT Tt Bottlenose dolphin Position: 232° / 449 m Dir: East; Behavior: Slow travel Total 3 — 0 Calves at sighting
Good	50	1	4	08 9:35:00 PST SV 17:35-GMT Sportfish-private - Position: 134° / 2,872 m Dir: West 1 vessel
Good	50	1	4	09 9:44:00 PST SV 17:44-GMT Sportfish-private - Position: 138° / 1,778 m Dir: West 1 vessel
Good	50	1	4	10 10:19:00 PST SV 18:19-GMT Whale watching - Condor Express Position: 146° / 3,288 m Dir: West 1 vessel
Good	50	1	4	11 10:32:00 PST SV 18:32-GMT Sportfish-private - Position: 106° / 2,872 m Dir: West <i>inflatable</i> 1 vessel
Good	50	1	4	12 10:36:00 PST SV 18:36-GMT Oil services - Crew Boat Position: 287° / 2,872 m Dir: East 1 vessel
Good	50	1	4	13 10:37:00 PST SV 18:37-GMT Sportfish-private - Position: 110° / 2,872 m Dir: West 1 vessel
Good	50	1	4	14 10:57:00 PST SV 18:57-GMT Private - Position: 109° / 3,288 m Dir: West 1 vessel
Good	65	1	4	15 11:03:00 PST SV 19:03-GMT Fish-trap-commercial - L72681 Position: 222° / 715 m Dir: East 1 vessel
Good	80	1	4	16 11:33:00 PST SV 19:33-GMT Sportfish-private - Position: 132° / 2,553 m Dir: West <i>Weather: Patches of 0 Beaufort, especially to west</i> 1 vessel
Good	80	1	4	17 11:36:00 PST S 19:36-GMT Er Gray whale (northbound) Position: 139° / 1,019 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	80	1	4	18 11:43:00 PST SV 19:43-GMT Sportfish-private - Position: 166° / 812 m Dir: East 1 vessel
Good	80	1	4	19 11:45:00 PST SV 19:45-GMT Dive-private - Robalo Position: 117° / 1,778 m Dir: West 1 vessel
Good	90	2	4	20 12:10:00 PST SC 20:10-GMT Tt Bottlenose dolphin Position: 116° / 404 m Dir: West; Behavior: Slow travel • Milling Total 4 — 0 Calves at sighting
Good	90	2	4	21 12:18:00 PST SV 20:18-GMT Sportfish-private - Position: 258° / 761 m Dir: East 1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	90	2 4	22 12:52:00 PST SV 20:52-GMT Sportfish-private - Position: 280° / 1,294 m Dir: East	1 vessel
Good	90	2 4	23 12:53:00 PST SV 20:53-GMT Fish-trap-commercial - Position: 105° / 2,553 m Dir: West <i>blue hull</i>	1 vessel
Good	90	2 4	24 12:56:00 PST SC 20:56-GMT Tt Bottlenose dolphin Position: 197° / 232 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good	90	2 4	25 13:03:00 PST S 21:03-GMT Er Gray whale (northbound) Position: 182° / 378 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	90	2 4	26 13:04:00 PST SV 21:04-GMT Sportfish-private - Position: 186° / 404 m Dir: East	1 vessel
Good	90	2 4	27 13:50:00 PST SV 21:50-GMT Sportfish-private - Position: 191° / 1,294 m Dir: East	1 vessel
Good	90	2 4	28 14:11:00 PST SC 22:11-GMT Tt Bottlenose dolphin Position: 138° / 327 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good	90	2 4	29 14:12:00 PST S 22:12-GMT Er Gray whale (northbound) Position: 111° / 2,094 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Good	90	2 4	30 14:48:00 PST SC 22:48-GMT Tt Bottlenose dolphin Position: 281° / 449 m Dir: East; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Good	90	2 3	31 15:08:00 PST SV 23:08-GMT Fish-trap-commercial - Position: 179° / 715 m Dir: East <i>Moving very fast</i>	1 vessel
Good	95	1 3	32 15:17:00 PST SV 23:17-GMT Dive-commercial - Position: 148° / 1,228 m Dir: East	1 vessel
Good	95	1 3	33 15:39:00 PST SV 23:39-GMT Fish-trap-commercial - Position: 219° / 1,778 m Dir: East	1 vessel
Good	95	1 3	34 15:43:00 PST SV 23:43-GMT Fish-trap-commercial - L73658 - Position: 224° / 2,094 m Dir: North	1 vessel
Good	95	1 3	35 15:48:00 PST SV 23:48-GMT Sportfish-private - Position: 132° / 2,553 m Dir: West	1 vessel
Excellent	85	1 4	36 15:59:00 PST SV 23:59-GMT Fish-trap-commercial - Position: 214° / 1,019 m Dir: East <i>Weather: Good contrast to SE; less to SW</i>	1 vessel
Excellent	85	1 4	37 16:21:00 PST SV 0:21; 3/4/2007-GMT Sportfish-private - Position: 269° / 1,778 m Dir: East	1 vessel
Excellent	85	1 4	38 16:32:00 PST SV 0:32; 3/4/2007-GMT Sportfish-commercial - Conception Position: 266° / 2,872 m Dir: East	1 vessel

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type		
Excellent	85	1	4	39 16:41:00 PST SV	0:41; 3/4/2007-GMT Private - Position: 134' / 2,094 m Dir: West <i>yacht</i>	1 vessel
Excellent	95	1	4	40 16:47:00 PST SV	0:47; 3/4/2007-GMT Oil services - Crew Boat Position: 279' / 2,872 m Dir: South	1 vessel
Excellent	95	1	4	41 16:49:00 PST SV	0:49; 3/4/2007-GMT Sportfish-private - Position: 224' / 1,778 m Dir: East <i>Inversions dissipating</i>	1 vessel
Excellent	95	1	4	17:00:00 PST T	1:00; 3/4/2007-GMT <i>Condor reported Humpbacks south of Santa Barbara</i>	
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Mar 04	Day 35 of 105					
	CCvr	Bft	Vis			
Good	90	1	4	9:00:00 PST B	17:00-GMT <i>High, thin clouds</i>	
Good	90	1	4	01 9:07:00 PST SV	17:07-GMT Dive-private - Position: 174' / 367 m Dir: Stationary <i>Was present yesterday - dive flag out - fishing poles too</i>	1 vessel
Good	90	1	4	02 9:09:00 PST SV	17:09-GMT Sportfish-private - Position: 115' / 607 m Dir: West <i>aluminum with green hull</i>	1 vessel
Good	90	1	4	03 9:11:00 PST SV	17:11-GMT Kelp harvester - Position: 102' / 1,294 m Dir: South	1 vessel
Good	90	1	4	04 9:19:00 PST SC	17:19-GMT Tt Bottlenose dolphin Position: 109' / 3,288 m Dir: Stationary; Behavior: Milling	Total 4 — 0 Calves at sighting
Good	90	1	4	05 9:22:00 PST SC	17:22-GMT Tt Bottlenose dolphin Position: 225' / 404 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	90	1	4	06 9:37:00 PST SV	17:37-GMT Fish-commercial - 262180 Position: 157' / 1,546 m Dir: West	1 vessel
Good	90	1	4	07 9:47:00 PST SV	17:47-GMT Whale watching - Condor Express Position: 99' / 2,872 m Dir: West	1 vessel
Good	90	1	4	08 9:55:00 PST SC	17:55-GMT Tt Bottlenose dolphin Position: 119' / 1,228 m Dir: Stationary; Behavior: Milling	Total 1 — 0 Calves at sighting
Good	90	1	4	09 9:55:00 PST SC	17:55-GMT Tt Bottlenose dolphin Position: 147' / 639 m Dir: Stationary; Behavior: Milling	Total 5 — 0 Calves at sighting
Good	90	1	4	10 10:08:00 PST SV	18:08-GMT Sportfish-private - The Jigger Position: 227' / 1,019 m Dir: East <i>white hull - center console</i>	1 vessel
Fair	100	1	4	11 10:12:00 PST SV	18:12-GMT Enforcement - Coast Guard Position: 172' / 3,288 m Dir: West	1 vessel

All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Fair 100 1 4	12 10:20:00 PST SV	18:20-GMT Dive-private - FG06014 blue canopy Position: 118° / 1,778 m Dir: West	1 vessel
Fair 100 1 4	13 10:25:00 PST SV	18:25-GMT Sportfish-private - Position: 206° / 2,553 m Dir: East	1 vessel
Fair 100 1 4	14 10:39:00 PST SV	18:39-GMT Private - Position: 227° / 2,553 m Dir: East <i>white, tan</i>	1 vessel
Fair 100 2 4	15 11:03:00 PST SV	19:03-GMT Oil services - Crew Boat Position: 275° / 1,778 m Dir: South	1 vessel
Fair 100 2 4	16 11:18:00 PST SV	19:18-GMT Sportfish-private - Position: 227° / 3,288 m Dir: East <i>white, dark gunnel stripe</i>	1 vessel
Fair 100 2 4	17 11:19:00 PST SV	19:19-GMT Sportfish-private - Position: 189° / 2,553 m Dir: West <i>Dark hull, canopy</i>	1 vessel
Fair 100 2 4	18 11:32:00 PST S	19:32-GMT Er Gray whale (northbound) Position: 159° / 3,288 m Dir: West; Behavior: Slow travel <i>traveling with group of common dolphins (sighting #20)</i>	Total 4 — 0 Calves at sighting
Fair 100 2 4	19 11:48:00 PST SV	19:48-GMT Fish-trap-commercial - Position: 130° / 551 m Dir: East <i>blue hull, white cabin</i>	1 vessel
Fair 100 2 4	20 11:59:00 PST SC	19:59-GMT D sp Common dolphin species Position: 184° / 2,872 m Dir: West; Behavior: Slow travel <i>Traveling with Er (sighting #18)</i>	Total 60 — 0 Calves at sighting
Fair 100 2 4	21 12:12:00 PST SV	20:12-GMT Sportfish-private - Position: 204° / 812 m Dir: East <i>white hull</i>	1 vessel
Fair 100 2 4	22 12:34:00 PST SV	20:34-GMT Jet ski - Position: 159° / 527 m Dir: West <i>Traveling very fast - 3 jet skis</i>	3 vessels
Good 100 2 4	23 13:02:00 PST SV	21:02-GMT Fish-commercial - Tytan Position: 259° / 2,094 m Dir: East	1 vessel
Good 100 2 4	24 13:08:00 PST SV	21:08-GMT Sportfish-private - Position: 158° / 3,288 m Dir: East	1 vessel
Good 100 2 4	25 13:14:00 PST SV	21:14-GMT Whale watching - Condor Express Position: 109° / 1,778 m Dir: West	1 vessel
Good 100 2 4	26 13:17:00 PST SO	21:17-GMT El Southern Sea otter Position: 168° / 242 m Dir: Stationary; Behavior: Milling	Total 1 — 0 Pups at sighting
Good 100 2 4	27 13:33:00 PST SV	21:33-GMT Sportfish-private - Position: 249° / 1,778 m Dir: East	1 vessel

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Good	100	2	4	28 14:09:00 PST SV	22:09-GMT Sportfish-private - Position: 210° / 2,553 m Dir: East 1 vessel
Good	100	2	4	29 14:21:00 PST SV	22:21-GMT Sportfish-private - Position: 179° / 1,778 m Dir: East 1 vessel
Good	100	2	4	30 14:26:00 PST SV	22:26-GMT Fish-commercial - Calamari Position: 121° / 1,778 m Dir: West <i>squid boat</i> 1 vessel
Good	100	2	4	31 14:27:00 PST SV	22:27-GMT Fish-commercial - Seaview Position: 115° / 2,553 m Dir: West <i>squid boat</i> 1 vessel
Good	100	2	4	32 14:31:00 PST SV	22:31-GMT Sportfish-private - Position: 234° / 1,228 m Dir: East <i>Moving rapidly - all black</i> 1 vessel
Good	100	2	4	33 14:40:00 PST SC	22:40-GMT Tt Bottlenose dolphin Position: 266° / 433 m Dir: East; Behavior: Milling <i>spread out</i> Total 6 — 0 Calves at sighting
Good	100	2	4	34 14:48:00 PST SV	22:48-GMT Fish-trap-commercial - Position: 229° / 2,094 m Dir: East 1 vessel
Good	100	2	4	35 14:55:00 PST SC	22:55-GMT Er Gray whale (southbound) Position: 246° / 275 m Dir: East; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	100	2	4	36 15:56:00 PST SV	23:56-GMT Kayak/canoe (beyond kelp) - Position: 99° / 1,019 m Dir: West <i>Kayak</i> 1 vessel
Good	100	2	4	37 15:59:00 PST SV	23:59-GMT Sportfish-private - Position: 113° / 551 m Dir: West 1 vessel
Fair	100	2	4	38 16:12:00 PST SV	0:12; 3/5/2007-GMT Fish-commercial - Position: 138° / 2,872 m Dir: West <i>squid boat</i> 1 vessel
Fair	100	2	4	39 16:35:00 PST SV	0:35; 3/5/2007-GMT Sportfish-private - Position: 189° / 1,778 m Dir: East 1 vessel
Fair	100	2	4	40 16:45:00 PST S	0:45; 3/5/2007-GMT Er Gray whale (northbound) Position: 141° / 3,288 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	100	2	4	17:29:00 PST T	1:29; 3/5/2007-GMT
Mar 05 Day 36 of 105					
	CCvr	BR	Vis		
Good	75	0	5	9:00:00 PST B	17:00-GMT <i>Some haze - high, thin clouds - may be another inversion today</i>
Good	75	0	5	01 9:01:00 PST S	17:01-GMT Er Gray whale (northbound) Position: 127° / 1,228 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	75	0 5	02 9:04:00 PST SV 17:04-GMT Kelp harvester - Position: 106° / 2,094 m Dir: East	1 vessel
Good	90	0 5	03 10:37:00 PST S 18:37-GMT Er Gray whale (northbound) Position: 105° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting • Fluke
Good	90	0 5	04 10:38:00 PST SO 18:38-GMT El Southern Sea otter Position: 102° / 2,094 m Dir: Stationary; Behavior: Milling	Total 1 — 0 Pups at sighting
Good	90	0 5	05 10:53:00 PST SV 18:53-GMT Fish-commercial - Position: 206° / 840 m Dir: East <i>squid boat approaching Er (sighting #3) head on</i>	1 vessel
Good	90	0 5	06 11:32:00 PST S 19:32-GMT Er Gray whale (northbound) Position: 156° / 3,288 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting • Fluke
Good	75	1 5	07 12:46:00 PST SC 20:46-GMT Er Gray whale (southbound) Position: 122° / 675 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	30	0 5	08 13:18:00 PST S 21:18-GMT Er Gray whale (northbound) Position: 161° / 505 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	30	0 5	09 13:28:00 PST SV 21:28-GMT Helicopter - Position: 194° / 100 m Dir: East <i>flew low, right in front of us</i>	1 vessel
Good	30	0 5	10 13:30:00 PST SV 21:30-GMT Kayak/canoe (beyond kelp) - Position: 260° / 812 m Dir: East <i>kayaks (indicated animal interaction number, but no indication of what the interactions was.</i>	1 vessel
Good	30	0 5	11 13:32:00 PST SV 21:32-GMT Fish-trap-commercial - L72681 Position: 238° / 527 m Dir: West <i>traveled over submerged whale</i>	1 vessel
Good	50	0 5	12 14:10:00 PST SV 22:10-GMT Fish-commercial - Stars and Stripes Position: 256° / 2,553 m Dir: East <i>squid boat</i>	1 vessel
Good	50	0 5	13 14:29:00 PST SV 22:29-GMT Oil services - Position: 274° / 3,288 m Dir: South	1 vessel
Good	50	0 5	14 14:31:00 PST S 22:31-GMT Er Gray whale (northbound) Position: 190° / 1,778 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting • Fluke
Good	50	0 5	15 14:37:00 PST SC 22:37-GMT Tt Bottlenose dolphin Position: 239° / 212 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	50	0 5	16 14:40:00 PST SC 22:40-GMT Tt Bottlenose dolphin Position: 261° / 288 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Good	80	0 5	17 15:06:00 PST SO 23:06-GMT El Southern Sea otter Position: 142° / 607 m Dir: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Good	80	0 5	18 15:10:00 PST SV 23:10-GMT Helicopter - Position: 169° / 3000 m Dir: East <i>flying < 100feet</i>	1 vessel

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Good	80	0	5	19 15:12:00 PST SO	23:12-GMT El Southern Sea otter Position: 205° / 281 m Dir: East Total 1 — 0 Pups at sighting
Good	80	0	5	20 15:22:00 PST SV	23:22-GMT Fish-commercial - Position: 149° / 2,872 m Dir: West 1 vessel
Good	95	0	5	21 16:19:00 PST S	0:19; 3/6/2007-GMT Er Gray whale (northbound) Position: 156° / 871 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Good	95	0	5	22 16:45:00 PST SV	0:45; 3/6/2007-GMT Oil services - Position: 286° / 3,288 m Dir: South 1 vessel
Good	95	0	5	17:00:00 PST T	1:00; 3/6/2007-GMT <i>Talked to Captain Anthony of Condor @ 09:30 - He saw Er @ gas dock in SB Harbor this morning. Whale appeared to him to be not in good shape - emaciated. A southbound whale went by Coal Oil Point yesterday (March 4, 2007 sighting #35) and later spent some time @ Campus Point where the Condor</i>
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Mar 06	Day 37 of 105				
	CCvr	Bft	Vis		
Good	10	0	5	8:50:00 PST B	16:50-GMT <i>No contrast - Some haze E + S</i>
Good	10	0	5	01 8:51:00 PST S	16:51-GMT Er Gray whale (northbound) Position: 177° / 715 m Dir: West; Behavior: Slow travel • Fluke <i>Possible calf - did not get good looks</i> Total 2 — 0 Calves at sighting
Good	10	0	5	02 9:03:00 PST SV	17:03-GMT Sailboat - Position: 144° / 2,553 m Dir: West 1 vessel
Good	10	0	5	03 9:15:00 PST SV	17:15-GMT Fish-commercial - Position: 265° / 3,288 m Dir: West 1 vessel
Good	10	0	5	04 9:16:00 PST SV	17:16-GMT Research vessel - Position: 267° / 2,872 m Dir: South 1 vessel
Good	10	0	5	05 9:16:00 PST SV	17:16-GMT Fish-trap-commercial - Position: 287° / 2,872 m Dir: Stationary 1 vessel
Good	10	0	5	06 9:35:00 PST SV	17:35-GMT Fish-trap-commercial - L24496 Sea Position: 111° / 1,778 m Dir: West 1 vessel
Good	10	0	5	07 9:39:00 PST SV	17:39-GMT Whale watching - Condor Express Position: 114° / 1,369 m Dir: West 1 vessel
Good	10	0	5	08 9:45:00 PST SV	17:45-GMT Sailboat (motor) - Position: 130° / 1,778 m Dir: West 1 vessel
Good	20	0	4	09 10:04:00 PST SV	18:04-GMT Oil services - Position: 126° / 2,553 m Dir: West <i>larger than crew boat, perhaps delivering equipment</i> 1 vessel
Good	20	0	4	10 10:36:00 PST SV	18:36-GMT Fish-trap-commercial - L13127 Position: 111° / 1,778 m Dir: West 1 vessel

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Good	20	0	4	11 10:48:00 PST SV	18:48-GMT Oil services - Crew Boat Position: 274° / 3,288 m Dir: South 1 vessel
Good	20	0	4	12 10:50:00 PST SO	18:50-GMT El Southern Sea otter Position: 101° / 1,369 m Dir: Stationary; Behavior: Milling Total 1 — 0 Pups at sighting
Good	40	0	4	13 10:56:00 PST SV	18:56-GMT Helicopter - Military Position: 189° / 100 m Dir: East <i>flew right in front of us heading east; low <100 feet.</i> 1 vessel
Fair	40	2	3	14 14:21:00 PST S	22:21-GMT Er Gray whale (northbound) Position: 205° / 3,288 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	80	2	4	15 16:43:00 PST S	0:43; 3/7/2007-GMT Er Gray whale (northbound) Position: 166° / 2,872 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	80	2	4	17:08:00 PST T	1:08; 3/7/2007-GMT <i>Many strings of Surf scoters + Brants + a single loon</i> <i>"Our" Brant still here (hanging out along the water edge)</i>

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	CCvr	Bft	Vis		
Fair	90	0	2	9:00:00 PST B	17:00-GMT <i>No contrast - SE glare - some 1 + 2 Beaufort as well</i>
Fair	90	0	2	01 9:08:00 PST SO	17:08-GMT El Southern Sea otter Position: 137° / 607 m Dir: Stationary; Behavior: Stationary Total 1 — 0 Pups at sighting
Fair	90	0	2	02 9:09:00 PST SV	17:09-GMT Oil services - Position: 172° / 2,094 m Dir: West <i>Work boat - does something at seeps</i> 1 vessel
Fair	90	0	3	03 9:17:00 PST SV	17:17-GMT Oil services - Crew Boat Position: 265° / 3,288 m Dir: East <i>coming from west</i> 1 vessel
Fair	90	0	3	04 9:24:00 PST SV	17:24-GMT Research vessel - UCSB: seep monitor Position: 102° / 2,553 m Dir: Stationary 1 vessel
Fair	90	0	3	05 9:29:00 PST S	17:29-GMT Er Gray whale (northbound) Position: 152° / 761 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	90	0	3	06 10:01:00 PST SV	18:01-GMT Fish-trap-commercial - L68347 Position: 104° / 2,872 m Dir: South 1 vessel
Fair	90	2	4	07 10:54:00 PST SV	18:54-GMT Oil services - Crew Boat Position: 274° / 3,288 m Dir: North <i>Weather: borderline Good quality, but still a lot of haze</i> 1 vessel
Fair	75	2	4	08 11:10:00 PST S	19:10-GMT Er Gray whale (northbound) Position: 172° / 761 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	75	2	4	09 11:13:00 PST SV	19:13-GMT Fish-trap-commercial - Position: 214° / 607 m Dir: East <i>green hull - what was a shy whale got shier when confronted by boat</i> 1 vessel

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type		
Fair	75	2	4	10 11:25:00 PST SV	19:25-GMT Oil services - Crew Boat Position: 263° / 2,872 m Dir: South <i>seems to be ahead of whale</i>	1 vessel
Fair	75	2	4	11 11:28:00 PST SV	19:28-GMT Fish-commercial - Position: 274° / 3,288 m Dir: East	1 vessel
Fair	60	2	4	12 11:34:00 PST SV	19:34-GMT Sportfish-private - Position: 98° / 2,094 m Dir: Stationary <i>in kelp</i>	1 vessel
Fair	65	2	4	13 11:35:00 PST S	19:35-GMT Er Gray whale (northbound) Position: 156° / 3,288 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	65	3	4	14 12:28:00 PST SV	20:28-GMT Whale watching - Condor Express Position: 114° / 3,288 m Dir: West <i>responding to our call</i>	1 vessel
Fair	65	3	4	15 12:42:00 PST S	20:42-GMT Er Gray whale (northbound) Position: 174° / 4,712 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	70	1	4	16 13:24:00 PST SV	21:24-GMT Fish-commercial - Position: 184° / 3,288 m Dir: West <i>distant, but in vicinity of whales</i>	1 vessel
Fair	90	1	4	17 13:59:00 PST SV	21:59-GMT Oil services - Crew Boat Position: 254° / 3,288 m Dir: South	1 vessel
Good	45	3	4	18 14:28:00 PST SV	22:28-GMT Oil services - Crew Boat Position: 284° / 3,288 m Dir: South	1 vessel
Good	45	3	4	19 14:30:00 PST SV	22:30-GMT Fish-trap-commercial - L68347 Position: 287° / 3,288 m Dir: East	1 vessel
Poor	0	6	4	14:54:00 PST T	22:54-GMT <i>WNW wind - kite surfers moving in</i> <i>T adjusted for >B5</i>	
Poor	0	5	4	20 Off-Effort SV	15:36:00 PST 23:36-GMT Oil services - Crew Boat Position: 286° / 3,288 m Dir: South	1 vessel
Poor	0	5	4	21 Off-Effort SV	15:40:00 PST 23:40-GMT Sailboat (motor) - Position: 219° / 2,553 m Dir: East <i>very difficult to see in current conditions</i>	1 vessel

Mar 08 Day 39 of 105

CCvr Bft Vis

Fair 70 2 3

9:00:00 PST 17:00-GMT

B

High, thin clouds - Haze in distance - Glare east

Fair 70 2 3

01 9:10:00 PST

S

Er Gray whale (northbound)
Position: 139° / 551 m Dir: West; Behavior: Slow travel
Shane Anderson (UCSB seep monitor) called @ 09:00 from kelp off IV and told us whale was coming

Total 2 — 1 Calf at sighting

Fair 70 2 3

02 9:15:00 PST

SO

17:15-GMT
El Southern Sea otter
Position: 157° / 336 m Dir: Stationary; Behavior: Milling

Total 1 — 0 Pups at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	70	2 3	03 9:31:00 PST SV 17:31-GMT Fish-commercial - Position: 279° / 3,288 m Dir: South <i>small, white</i>	1 vessel
Fair	70	2 3	04 9:31:00 PST SV 17:31-GMT Oil services - Crew Boat Position: 270° / 3,288 m Dir: North	1 vessel
Fair	70	2 3	05 9:33:00 PST SV 17:33-GMT Fish-trap-commercial - Position: 119° / 2,094 m Dir: West	1 vessel
Fair	70	2 3	06 9:42:00 PST SV 17:42-GMT Fish-commercial - Position: 125° / 2,872 m Dir: West	1 vessel
Fair	50	2 3	07 9:56:00 PST SV 17:56-GMT Fish-commercial - Position: 104° / 2,553 m Dir: West	1 vessel
Fair	50	2 3	08 10:05:00 PST S 18:05-GMT Er Gray whale (northbound) Position: 114° / 1,369 m Dir: Stationary; Behavior: Milling	Total 1 — 0 Calves at sighting
Fair	50	2 3	09 10:09:00 PST SV 18:09-GMT Private - Position: 110° / 2,094 m Dir: West <i>Came up fast - went past - not aware of whale</i>	1 vessel
Fair	50	2 3	10 10:43:00 PST SC 18:43-GMT Tt Bottlenose dolphin Position: 139° / 761 m Dir: East; Behavior: Fast travel <i>seem to be chasing food</i>	Total 2 — 0 Calves at sighting
Fair	30	2 3	11 10:51:00 PST SO 18:51-GMT El Southern Sea otter Position: 112° / 1,019 m Dir: Stationary; Behavior: Stationary <i>on its back</i>	Total 1 — 0 Pups at sighting
Fair	30	2 3	12 10:54:00 PST SV 18:54-GMT Oil services - Crew Boat Position: 254° / 2,872 m Dir: South	1 vessel
Fair	30	2 3	13 11:02:00 PST SV 19:02-GMT Oil services - Crew Boat Position: 282° / 3,288 m Dir: South <i>another crew boat</i>	1 vessel
Fair	30	2 3	14 11:09:00 PST SV 19:09-GMT Private - Position: 139° / 257 m Dir: West <i>inflatable towing person on surfboard through kelp - Lost rider, and had to double back for pick up</i>	1 vessel
Fair	30	2 4	15 11:30:00 PST S 19:30-GMT Er Gray whale (northbound) Position: 123° / 715 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	15	2 4	16 11:45:00 PST S 19:45-GMT Er Gray whale (northbound) Position: 160° / 2,553 m Dir: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Good	15	1 4	17 12:09:00 PST SV 20:09-GMT Oil services - Position: 129° / 2,872 m Dir: West <i>work boat</i>	1 vessel
Good	15	1 3	18 12:37:00 PST SV 20:37-GMT Whale watching - Condor Express Position: 143° / 3,288 m Dir: West <i>apparently on whale not yet sighted by us (sighting # 19)</i>	1 vessel

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Good	15	1	3	19 12:40:00 PST S	20:40-GMT Er Gray whale (northbound) Position: 145° / 3,288 m Dir: West; Behavior: Slow travel • Fluke <i>Condor called us</i> Total 2 — 0 Calves at sighting
Good	15	2	3	20 12:48:00 PST SV	20:48-GMT Oil services - Crew Boat Position: 251° / 2,872 m Dir: South 1 vessel
Good	15	2	3	21 12:56:00 PST SV	20:56-GMT Fish-trap-commercial - L68347 Position: 250° / 1,546 m Dir: East 1 vessel
Fair	15	4	3	22 13:31:00 PST S	21:31-GMT Er Gray whale (northbound) Position: 127° / 2,094 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Poor	0	5	3	13:35:00 PST TO	21:35-GMT
Poor	0	5	3 X	23 13:35:00 PST Off-Effort S	21:35-GMT Er Gray whale (northbound) Position: 122° / 2,872 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Poor	0	5	3 X	24 14:49:00 PST Off-Effort SV	22:49-GMT Oil services - Crew Boat Position: 257° / 3,288 m Dir: South 1 vessel
Fair	0	4	4	14:51:00 PST TI	22:51-GMT
Fair	0	4	3	25 14:51:00 PST S	22:51-GMT Er Gray whale (northbound) Position: 257° / 551 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	0	4	4	26 15:23:00 PST SV	23:23-GMT Fish-trap-commercial - L13127 Position: 249° / 1,294 m Dir: East 1 vessel
Fair	0	4	4	27 15:46:00 PST S	23:46-GMT Er Gray whale (northbound) Position: 236° / 1,294 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	20	3	4	17:00:00 PST T	1:00; 3/9/2007-GMT
<hr/>					
Mar 09	Day 40 of 105				
	CCvr	Bft	Vis		
Fair	95	3	3	9:00:00 PST B	17:00-GMT
Fair	95	3	3	01 9:02:00 PST SV	17:02-GMT Oil services - Crew Boat Position: 275° / 3,288 m Dir: North 1 vessel
Fair	95	3	3	02 9:05:00 PST SV	17:05-GMT Fish-commercial - Position: 272° / 1,778 m Dir: East <i>small, white</i> 1 vessel
Fair	95	3	3	03 9:26:00 PST S	17:26-GMT Er Gray whale (northbound) Position: 157° / 715 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	95	3	3	04 9:27:00 PST SV	17:27-GMT Oil services - Crew Boat Position: 260° / 2,872 m Dir: South 1 vessel
Fair	95	3	3	05 9:40:00 PST SV	17:40-GMT Fish-commercial - 262180 Position: 106° / 2,553 m Dir: West 1 vessel

All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Fair 90 2 3	06 10:09:00 PST SV	18:09-GMT Fish-trap-commercial - L27574 Position: 110° / 1,778 m Dir: West	1 vessel
Fair 95 2 3	07 10:31:00 PST SV	18:31-GMT Fish-trap-commercial - L77293 Position: 104° / 2,872 m Dir: West	1 vessel
Fair 95 2 3	08 10:53:00 PST S	18:53-GMT Er Gray whale (northbound) Position: 155° / 2,553 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 95 2 3	09 11:21:00 PST S	19:21-GMT Er Gray whale (northbound) Position: 149° / 505 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 95 2 3	10 11:39:00 PST SC	19:39-GMT Tt Bottlenose dolphin Position: 184° / 275 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 100 2 3	11 12:01:00 PST SC	20:01-GMT Tt Bottlenose dolphin Position: 234° / 840 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 95 3 3	12 13:24:00 PST S	21:24-GMT Er Gray whale (northbound) Position: 104° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 30 3 4	13 13:38:00 PST SC	21:38-GMT Tt Bottlenose dolphin Position: 140° / 639 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good 40 2 4	14 14:28:00 PST S	22:28-GMT Er Gray whale (northbound) Position: 190° / 675 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 40 3 4	15 15:17:00 PST S	23:17-GMT Er Gray whale (northbound) Position: 111° / 2,094 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 40 2 3	16 15:43:00 PST SC	23:43-GMT Tt Bottlenose dolphin Position: 263° / 433 m Dir: East; Behavior: Slow travel • Milling	Total 8 — 0 Calves at sighting
Fair 40 3 3	17 15:54:00 PST S	23:54-GMT Er Gray whale (northbound) Position: 146° / 1,019 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair 40 3 3	18 16:05:00 PST S	0:05; 3/10/2007-GMT Er Gray whale (northbound) Position: 124° / 2,094 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Fair 40 3 3	19 16:20:00 PST S	0:20; 3/10/2007-GMT Er Gray whale (northbound) Position: 138° / 761 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 40 3 3	20 16:47:00 PST S	0:47; 3/10/2007-GMT Er Gray whale (northbound) Position: 112° / 3,288 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 40 3 3	21 16:51:00 PST SO	0:51; 3/10/2007-GMT El Southern Sea otter Position: 112° / 1,369 m Dir: Stationary; Behavior: Milling	Total 1 — 0 Pups at sighting
Fair 40 3 3	17:25:00 PST T	1:25; 3/10/2007-GMT <i>@ 13:45 Condor reported 4 humpbacks 6 miles out @ 184° (true)</i>	

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type	
					Code		
Mar 10	Day 41 of 105						
	CCvr	Bft	Vis				
Poor	20	2	2		9:00:00 PST B	17:00-GMT <i>Haze, glare to east - Cannot see Campus Point clearly</i>	
Poor	20	2	2	01	9:04:00 PST S	17:04-GMT Er Gray whale (northbound) Position: 184° / 812 m Dir: West; Behavior: Slow travel <i>Saw before opening - did not see after 09:04</i>	Total 1 — 0 Calves at sighting
Poor	20	2	2	02	9:15:00 PST SO	17:15-GMT El Southern Sea otter Position: 239° / 449 m Dir: Stationary; Behavior: Milling <i>feeding on back</i>	Total 1 — 0 Pups at sighting
Poor	20	2	2	03	9:18:00 PST SV	17:18-GMT Sportfish-commercial - Liquid Date Position: 269° / 871 m Dir: East	1 vessel
Poor	20	2	2	04	9:29:00 PST SV	17:29-GMT Private - Position: 134° / 2,553 m Dir: West <i>flag</i>	1 vessel
Poor	20	2	2	05	9:35:00 PST S	17:35-GMT Er Gray whale (northbound) Position: 112° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	20	3	2	06	9:36:00 PST SV	17:36-GMT Whale watching - Condor Express Position: 119° / 2,094 m Dir: West <i>approached, then paralleled</i>	1 vessel
Fair	10	2	3	07	10:43:00 PST SV	18:43-GMT Fish-commercial - Tytan Position: 262° / 2,553 m Dir: East	1 vessel
Fair	10	2	3	08	10:51:00 PST SO	18:51-GMT El Southern Sea otter Position: 121° / 449 m Dir: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Poor	20	2	2	09	11:08:00 PST SV	19:08-GMT Private - Position: 275° / 1,778 m Dir: East	1 vessel
Fair	20	2	3	10	11:29:00 PST SV	19:29-GMT Oil services - Crew Boat Position: 267° / 3,288 m Dir: East	1 vessel
Fair	20	2	3	11	11:47:00 PST SV	19:47-GMT Fish-trap-commercial - L72681 Position: 258° / 1,113 m Dir: East <i>traveling off kelp</i>	1 vessel
Fair	20	2	3	12	11:48:00 PST SV	19:48-GMT Fish-trap-commercial - L73658 - Position: 274° / 1,778 m Dir: East <i>traveling off kelp</i>	1 vessel
Fair	20	2	3	13	11:55:00 PST SV	19:55-GMT Fish-commercial - Position: 257° / 3,288 m Dir: East <i>small, white</i>	1 vessel
Fair	20	2	3	14	11:59:00 PST S	19:59-GMT Er Gray whale (northbound) Position: 131° / 939 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	20	2	3	15	12:02:00 PST SV	20:02-GMT Sportfish-private - Position: 204° / 449 m Dir: East	1 vessel

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type		
Good	20	2	4	16 12:44:00 PST SV	20:44-GMT Sportfish-private - Position: 100° / 2,872 m Dir: West <i>Yacht - white</i>	1 vessel
Good	20	2	4	17 13:02:00 PST SV	21:02-GMT Sailboat - Position: 113° / 2,872 m Dir: North <i>white hulled sailboat</i>	1 vessel
Good	20	2	4	18 13:03:00 PST SV	21:03-GMT Oil services - Crew Boat Position: 262° / 3,288 m Dir: East	1 vessel
Good	20	2	4	19 13:31:00 PST SO	21:31-GMT El Southern Sea otter Position: 153° / 715 m Dir: Stationary; Behavior: Stationary	Total 2 — 0 Pups at sighting
Good	20	2	4	20 13:55:00 PST SV	21:55-GMT Private - Position: 249° / 1,294 m Dir: East <i>perhaps sighting #4 returning ?</i>	1 vessel
Good	20	2	4	21 13:57:00 PST SV	21:57-GMT Sportfish-commercial - Position: 255° / 3,288 m Dir: East	1 vessel
Poor	30	2	1.5 X	22 14:10:00 PST Off-Effort S	22:10-GMT Er Gray whale (northbound) Position: 131° / 871 m Dir: West; Behavior: Slow travel • Breach	Total 1 — 0 Calves at sighting
Poor	30	2	.5	14:22:00 PST TO	22:22-GMT <i>Heavy fog rolling in</i>	
Poor	80	1	2	15:11:00 PST TI	23:11-GMT <i>Mostly high, thin clouds with fog - greater visibility to south (3 nm)</i>	
Fair	80	1	3	23 15:22:00 PST SV	23:22-GMT Fish-commercial - Position: 230° / 1,228 m Dir: East	1 vessel
Fair	80	1	3	24 15:34:00 PST SV	23:34-GMT Oil services - Crew Boat Position: 266° / 3,288 m Dir: South	1 vessel
Fair	80	1	3	25 15:45:00 PST SO	23:45-GMT El Southern Sea otter Position: 247° / 449 m Dir: West; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Fair	80	1	3	26 15:56:00 PST SV	23:56-GMT Whale watching - Condor Express Position: 109° / 3,288 m Dir: South	1 vessel
Good	80	1	4	27 15:58:00 PST S	23:58-GMT Er Gray whale (northbound) Position: 123° / 2,553 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	80	1	4	28 16:18:00 PST SO	0:18; 3/11/2007-GMT El Southern Sea otter Position: 140° / 639 m Dir: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Good	80	1	4	29 16:38:00 PST SV	0:38; 3/11/2007-GMT Oil services - Crew Boat Position: 265° / 3,288 m Dir: West	1 vessel
Good	80	1	4	17:00:00 PST T	1:00; 3/11/2007-GMT	

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type		
					Code			
Mar 11	Day 42 of 105							
	CCvr	Bft	Vis					
Fair	0	0	3		8:55:00 PDT	15:55-GMT		
					B			<i>Bright sky - glare to east - not good contrast</i>
Fair	0	0	3	01	8:56:00 PDT	15:56-GMT		
					S	Er Gray whale (northbound)	Total 1	— 0 Calves at sighting
						Position: 264° / 1,113 m Dir: West; Behavior: Slow travel		
Fair	0	0	3	02	9:38:00 PDT	16:38-GMT		
					SV	Whale watching - Condor Express	1 vessel	
						Position: 100° / 2,553 m Dir: West		
Fair	0	0	3	03	9:39:00 PDT	16:39-GMT		
					SV	Sportfish-private -	1 vessel	
						Position: 169° / 3,288 m Dir: West		
Fair	0	0	3	04	9:41:00 PDT	16:41-GMT		
					SV	Private -	1 vessel	
						Position: 106° / 2,094 m Dir: West		<i>appears to be following Condor</i>
Fair	0	0	3	05	9:43:00 PDT	16:43-GMT		
					SV	Sportfish-private -	1 vessel	
						Position: 104° / 2,094 m Dir: West		
Fair	0	0	3	06	9:46:00 PDT	16:46-GMT		
					SV	Fish-trap-commercial -	1 vessel	
						Position: 103° / 2,872 m Dir: West		
Fair	0	0	3	07	9:54:00 PDT	16:54-GMT		
					S	Er Gray whale (northbound)	Total 3	— 0 Calves at sighting
						Position: 157° / 3,288 m Dir: West; Behavior: Slow travel		
Fair	0	0	3	08	10:04:00	17:04-GMT		
					SV	Sportfish-private -	1 vessel	
						Position: 234° / 1,019 m Dir: East		
Fair	0	0	3	09	10:33:00	17:33-GMT		
					SO	El Southern Sea otter	Total 1	— 0 Pups at sighting
						Position: 108° / 871 m Dir: Stationary; Behavior: Milling		<i>on back with gull</i>
Fair	0	0	3	10	10:49:00	17:49-GMT		
					S	Er Gray whale (northbound)	Total 2	— 0 Calves at sighting
						Position: 145° / 1,778 m Dir: West; Behavior: Slow travel		
Fair	0	0	3	11	10:57:00	17:57-GMT		
					SV	Helicopter -	1 vessel	
						Position: 109° / 1000 m Dir: West		
Fair	0	0	3	12	10:57:00	17:57-GMT		
					SV	Sportfish-private -	1 vessel	
						Position: 116° / 2,094 m Dir: West		<i>green trim</i>
Fair	0	0	3	13	11:08:00	18:08-GMT		
					SV	Sportfish-private -	1 vessel	
						Position: 142° / 2,553 m Dir: West		
Fair	0	0	3	14	11:09:00	18:09-GMT		
					SV	Oil services - Crew Boat	1 vessel	
						Position: 269° / 3,288 m Dir: South		
Fair	0	0	4	15	11:33:00	18:33-GMT		
					SV	Fish-commercial - 262180	1 vessel	
						Position: 106° / 2,872 m Dir: West		

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0 0 4	16 11:37:00 SO	18:37-GMT El Southern Sea otter Position: 113° / 840 m Dir: Stationary; Behavior: Milling <i>on back feeding</i>	Total 1 — 0 Pups at sighting
Fair	0 0 4	17 11:37:00 SO	18:37-GMT El Southern Sea otter Position: 112° / 871 m Dir: Stationary; Behavior: Milling <i>Diving</i>	Total 1 — 0 Pups at sighting
Fair	0 0 4	18 11:52:00 SV	18:52-GMT Sportfish-private - Position: 126° / 2,872 m Dir: West	1 vessel
Fair	0 0 4	19 11:53:00 SV	18:53-GMT Sportfish-private - Position: 107° / 2,094 m Dir: West	1 vessel
Fair	0 0 4	20 12:22:00 SV	19:22-GMT Sportfish-private - Position: 112° / 1,228 m Dir: West	1 vessel
Fair	0 0 4	21 12:25:00 SV	19:25-GMT Sportfish-private - Position: 185° / 2,094 m Dir: East	1 vessel
Fair	0 0 4	22 12:38:00 SV	19:38-GMT Whale watching - Condor Express Position: 100° / 2,553 m Dir: West	1 vessel
Fair	0 0 4	23 12:45:00 SV	19:45-GMT Jet ski - Position: 116° / 1,546 m Dir: West <i>behind Condor</i>	1 vessel
Fair	0 0 4	24 12:51:00 SV	19:51-GMT Sportfish-private - Position: 179° / 2,872 m Dir: East	1 vessel
Fair	0 0 4	25 13:00:00 SV	20:00-GMT Private - Position: 104° / 1,778 m Dir: West <i>Inflatable - very fast along kelp</i>	1 vessel
Good	0 1 4	26 13:37:00 S	20:37-GMT Er Gray whale (northbound) Position: 189° / 3,288 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	0 2 4	27 14:50:00 S	21:50-GMT Er Gray whale (northbound) Position: 141° / 1,019 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	0 2 4	28 15:00:00 SV	22:00-GMT Sportfish-private - Position: 221° / 1,369 m Dir: East	1 vessel
Good	0 2 4	29 15:03:00 SV	22:03-GMT Sportfish-private - Position: 256° / 1,778 m Dir: East	1 vessel
Good	0 2 4	30 15:24:00 S	22:24-GMT Er Gray whale (northbound) Position: 187° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	0 2 4	31 15:27:00 SV	22:27-GMT Sportfish-private - Position: 205° / 1,546 m Dir: East	1 vessel
Good	5 2 4	32 16:04:00 S	23:04-GMT Er Gray whale (northbound) Position: 214° / 2,553 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	5	2	4	
	33	16:54:00 S	23:54-GMT Er Gray whale (northbound) Position: 171° / 3,288 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good	5	2	4	
		17:25:00 T	0:25; 3/12/2007-GMT	
Mar 12 Day 43 of 105				
	CCvr	Bft	Vis	
Good	0	0	4	
		8:55:00 PDT B	15:55-GMT	
Good	0	0	4	
	01	8:55:00 PDT S	15:55-GMT Er Gray whale (northbound) Position: 217° / 675 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	0	0	4	
	02	9:10:00 PDT SV	16:10-GMT Fish-commercial - New Hazard Position: 269° / 2,553 m Dir: West <i>gray boat</i>	1 vessel
Good	0	0	4	
	03	9:21:00 PDT SV	16:21-GMT Fish-commercial - Tytan Position: 257° / 1,778 m Dir: North	1 vessel
Good	0	0	4	
	04	9:22:00 PDT SV	16:22-GMT Fish-commercial - Position: 260° / 3,288 m Dir: North	1 vessel
Good	0	0	4	
	05	9:29:00 PDT SV	16:29-GMT Whale watching - Condor Express Position: 104° / 2,094 m Dir: West	1 vessel
Good	0	0	4	
	06	9:30:00 PDT SV	16:30-GMT Dive-private - 41133 Chameleon Position: 106° / 2,094 m Dir: West <i>green hull</i>	1 vessel
Good	0	0	4	
	07	9:31:00 PDT SV	16:31-GMT Fish-trap-commercial - L24496 Sea Position: 106° / 2,094 m Dir: West	1 vessel
Good	0	0	4	
	08	9:32:00 PDT SO	16:32-GMT El Southern Sea otter Position: 247° / 449 m Dir: Stationary; Behavior: Stationary <i>on back</i>	Total 1 — 0 Pups at sighting
Good	0	0	4	
	09	9:55:00 PDT SV	16:55-GMT Dive-research - UCSB: seep monitor Position: 134° / 1,019 m Dir: West	1 vessel
Good	0	0	4	
	10	10:08:00 SV	17:08-GMT Oil services - Crew Boat Position: 284° / 3,288 m Dir: North	1 vessel
Good	0	0	4	
	11	10:17:00 SV	17:17-GMT Fish-commercial - 268210 Pie face Position: 233° / 1,369 m Dir: East	1 vessel
Good	0	0	4	
	12	10:28:00 SV	17:28-GMT Fish-commercial - The Lady Olga Position: 106° / 2,872 m Dir: West	1 vessel
Good	0	0	4	
	13	10:42:00 SV	17:42-GMT not determined - Position: 230° / 2,094 m Dir: East <i>small "Safe boat" or harbor tug, towing a sailboat</i>	1 vessel
Good	0	0	4	
	14	11:09:00 SV	18:09-GMT Oil services - Crew Boat Position: 239° / 2,872 m Dir: North	1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	0	4	15 11:58:00 SV 18:58-GMT Oil services - Crew Boat Position: 85° / 3,288 m Dir: North 1 vessel
Good	0	0	4	16 12:07:00 SV 19:07-GMT Sportfish-private - Position: 127° / 1,546 m Dir: North 1 vessel
Good	0	0	4	17 13:22:00 S 20:22-GMT Er Gray whale (northbound) Position: 140° / 2,872 m Dir: West; Behavior: Slow travel Total 6 — 0 Calves at sighting
Good	0	0	4	18 13:23:00 SV 20:23-GMT Whale watching - Condor Express Position: 181° / 3,288 m Dir: East 1 vessel
Good	0	0	4	19 13:47:00 SV 20:47-GMT Sportfish-private - Silky Position: 178° / 675 m Dir: South 1 vessel
Good	5	0	4	20 14:15:00 SV 21:15-GMT Sportfish-private - Position: 135° / 1,228 m Dir: West 1 vessel
Good	5	0	4	21 14:19:00 SV 21:19-GMT Private - Position: 121° / 1,778 m Dir: West 1 vessel
Good	5	0	4	22 14:34:00 S 21:34-GMT Er Gray whale (northbound) Position: 116° / 1,369 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	5	0	4	23 14:44:00 S 21:44-GMT Er Gray whale (northbound) Position: 216° / 1,369 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	5	0	4	24 14:49:00 SV 21:49-GMT Oil services - Crew Boat Position: 234° / 2,553 m Dir: Stationary 1 vessel
Good	5	0	4	25 14:59:00 SV 21:59-GMT Fish-commercial - Position: 261° / 2,094 m Dir: East 1 vessel
Good	5	0	4	26 15:31:00 SV 22:31-GMT Whale watching - Condor Express Position: 185° / 2,553 m Dir: West 1 vessel
Good	5	1	4	27 16:23:00 SV 23:23-GMT Private - Position: 237° / 1,546 m Dir: East 1 vessel
Good	5	1	4	17:00:00 T 0:00; 3/13/2007-GMT
Mar 13 Day 44 of 105				
	CCw	Bft	Vis	
Good	0	2	4	12:00:00 B 19:00-GMT <i>Heavy fog delayed opening - haze - bright to south</i> <i>Very low tide - crows at water's edge</i>
Good	0	3	4	01 12:20:00 S 19:20-GMT Er Gray whale (northbound) Position: 140° / 639 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Good	0	4	4	02 12:53:00 S	19:53-GMT Er Gray whale (northbound) Position: 197' / 715 m Dir: West; Behavior: Slow travel <i>Weather: low 4 Beaufort, mostly east</i> <i>Vessel (not reported in Vessel Log): UCSB seep monitoring boat at seep, whale appeared right next to boat.</i> Total 1 — 0 Calves at sighting
Good	0	3	4	03 13:25:00 S	20:25-GMT Er Gray whale (northbound) Position: 151' / 505 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	0	2	4	04 13:29:00 SC	20:29-GMT Tt Bottlenose dolphin Position: 164' / 551 m Dir: Stationary; Behavior: Fast travel • Breach <i>milling - leaping</i> Total 4 — 0 Calves at sighting
Good	0	2	4	05 13:54:00 SO	20:54-GMT El Southern Sea otter Position: 115' / 1,113 m Dir: Stationary; Behavior: on back, feeding • in kelp NOTE: Prior to today, behaviors for sea otters were expressed from a list of cetacean behaviors. Today, we begin using
Good	0	2	4	06 14:23:00 SC	21:23-GMT Tt Bottlenose dolphin Position: 130' / 840 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Good	0	0	4	07 14:25:00 S	21:25-GMT Er Gray whale (northbound) Position: 141' / 639 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	0	0	4	08 15:32:00 SO	22:32-GMT El Southern Sea otter Position: 151' / 551 m Dir: Stationary; Behavior: in open water • Grooming <i>on back - perhaps grooming (uncertain)</i> Total 1 — 0 Pups at sighting
Fair	0	0	4	09 16:29:00 S	23:29-GMT Er Gray whale (northbound) Position: 112' / 2,553 m Dir: West; Behavior: Slow travel • Fluke Total 1 — 0 Calves at sighting
Fair	0	0	4	17:00:00 T	0:00; 3/14/2007-GMT
Mar 14 Day 45 of 105					
	CCvr	Bft	Vis		
Poor	100	1	2	9:00:00 PDT B	16:00-GMT <i>Very foggy - very little contrast to west of Holly</i>
Poor	100	1	2	01 9:21:00 PDT SV	16:21-GMT Oil services - Crew Boat Position: 276' / 3,288 m Dir: South 1 vessel
Poor	100	1	2	02 9:39:00 PDT SV	16:39-GMT Whale watching - Condor Express Position: 105' / 3,288 m Dir: West <i>On whales (sighting #3 + 4, but we have not seen whales yet. They called to alert us.</i> 1 vessel
Poor	100	1	2	03 9:57:00 PDT S	16:57-GMT Er Gray whale (northbound) Position: 127' / 2,553 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	100	1	2	04 10:03:00 S	17:03-GMT Er Gray whale (northbound) Position: 128' / 2,553 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Poor	100	1	2	05 10:16:00 SC	17:16-GMT Tt Bottlenose dolphin Position: 234' / 639 m Dir: East; Behavior: Slow travel Total 4 — 0 Calves at sighting

All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Poor 100 1 2	06 10:31:00 SV	17:31-GMT Oil services - Crew Boat Position: 271° / 3,288 m Dir: South <i>turned west toward Hondo</i>	1 vessel
Poor 100 1 2	07 10:36:00 SV	17:36-GMT Fish-commercial - The Lady Olga Position: 119° / 2,094 m Dir: West	1 vessel
Poor 100 1 2	08 10:39:00 SV	17:39-GMT Dive-research - UCSB: seep monitor Position: 241° / 2,094 m Dir: North	1 vessel
Poor 100 2 2	09 11:01:00 SO	18:01-GMT El Southern Sea otter Position: 114° / 1,294 m Dir: Stationary; Behavior: in kelp <i>on back Weather: still dense fog</i>	Total 1 — 0 Pups at sighting
Poor 100 2 2	10 11:02:00 SV	18:02-GMT Fish-trap-commercial - L15162 + Position: 107° / 2,553 m Dir: West	1 vessel
Poor 100 2 2	11 11:28:00 S	18:28-GMT Er Gray whale (northbound) Position: 160° / 3,288 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 100 1 2	12 12:07:00 SV	19:07-GMT Oil services - Crew Boat Position: 237° / 2,872 m Dir: Stationary <i>"parked" at buoy by Holly</i>	1 vessel
Poor 100 1 2	13 12:21:00 S	19:21-GMT Er Gray whale (northbound) Position: 148° / 1,778 m Dir: West; Behavior: Slow travel <i>Condor reported 3 whales</i>	Total 2 — 0 Calves at sighting
Poor 100 1 2	14 12:32:00 SV	19:32-GMT Whale watching - Condor Express Position: 110° / 2,872 m Dir: West	1 vessel
Poor 100 1 3	15 13:34:00 SC	20:34-GMT Tt Bottlenose dolphin Position: 119° / 1,019 m Dir: West; Behavior: Slow travel <i>Very large group, spread out - very active - actually, it is several small groups moving together</i>	Total 30 — 0 Calves at sighting
Poor 100 1 3	16 14:23:00 SV	21:23-GMT Oil services - Crew Boat Position: 283° / 3,288 m Dir: South	1 vessel
Poor 100 1 3	17 15:08:00 S	22:08-GMT Er Gray whale (northbound) Position: 111° / 2,094 m Dir: West; Behavior: Slow travel • Breach	Total 2 — 0 Calves at sighting
Poor 100 3 3	18 15:13:00 S	22:13-GMT Er Gray whale (northbound) Position: 162° / 527 m Dir: West; Behavior: not indicated	Total 2 — 0 Calves at sighting
Poor 100 3 3	19 15:41:00 S	22:41-GMT Er Gray whale (northbound) Position: 230° / 1,113 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100 3 3	20 15:50:00 SV	22:50-GMT Whale watching - Condor Express Position: 262° / 2,094 m Dir: West	1 vessel
Poor 100 3 2	21 15:53:00 SV	22:53-GMT Fish-commercial - Position: 198° / 3,288 m Dir: East	1 vessel
Poor 100 3 2	22 16:13:00 S	23:13-GMT Er Gray whale (northbound) Position: 147° / 871 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	100	4	2	23 16:21:00 S 23:21-GMT Er Gray whale (northbound) Position: 188° / 715 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Poor	100	4	1.5	16:34:00 T 23:34-GMT
Poor	100	4	1.5	X Off-Effort 24 16:35:00 S 23:35-GMT Er Gray whale (northbound) Position: 204° / 378 m Dir: West; Behavior: not indicated Total 2 — 0 Calves at sighting
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	CCvr	BR	Vis	
Poor	100	0	1	8:50:00 PDT B 15:50-GMT <i>NOTE: Consider not counting data - VERY POOR VISIBILITY. (At 1.5 nm, Holly is not clear and animals passing outside Holly will not be seen. Further, the horizon in some directions is not discernible, making reticle measurement difficult, if not impossible.)</i>
Poor	100	0	1	X Off-Effort 01 8:53:00 PDT S 15:53-GMT Er Gray whale (northbound) Position: 230° / 600 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Poor	100	1	1.5	9:00:00 PDT T 16:00-GMT <i>Adjusted for extremely poor and inconsistent visibility: Everthing OFF-EFFORT</i>
Poor	100	0	1	X Off-Effort 02 9:10:00 PDT S 16:10-GMT Er Gray whale (northbound) Position: 159° / 400 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Poor	100	0	1	X Off-Effort 03 9:24:00 PDT SV 16:24-GMT Dive-commercial - 41133 Chameleon Position: 109° / 1,778 m Dir: West 1 vessel
Poor	100	0	1	X Off-Effort 04 9:48:00 PDT SO 16:48-GMT El Sea otter Position: 172° / 300 m Dir: Stationary; Behavior: Swimming • in open water Total 1 — 0 Pups at sighting
Poor	100	0	1	X Off-Effort 05 10:36:00 SV 17:36-GMT Whale watching - Condor Express Position: 104° / 1,778 m Dir: West 1 vessel
Poor	100	1	1	X Off-Effort 06 11:36:00 S 18:36-GMT Er Gray whale (northbound) Position: 161° / 551 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	100	1	1.5	X Off-Effort 07 11:44:00 SV 18:44-GMT Fish-trap-commercial - L13127 Position: 129° / 1,369 m Dir: West 1 vessel
Poor	100	1	1.5	X Off-Effort 08 12:09:00 S 19:09-GMT Er Gray whale (northbound) Position: 191° / 871 m Dir: West; Behavior: Slow travel • Fluke did not see again Total 1 — 0 Calves at sighting
Poor	100	1	1.5	X Off-Effort 09 12:27:00 SV 19:27-GMT Fish-trap-commercial - L77293 Position: 107° / 2,094 m Dir: West 1 vessel
Poor	100	1	1.5	X Off-Effort 10 12:52:00 SV 19:52-GMT Whale watching - Condor Express Position: 107° / 1,778 m Dir: West 1 vessel
Poor	100	1	1.5	X Off-Effort 11 13:14:00 S 20:14-GMT Er Gray whale (northbound) Position: 161° / 495 m Dir: West; Behavior: not indicated Total 1 — 0 Calves at sighting
Poor	100	1	1.5	X Off-Effort 12 14:25:00 SV 21:25-GMT Oil services - Crew Boat Position: 234° / 2,872 m Dir: South 1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	100	1 1.5 X	13 14:49:00 Off-Effort S	21:49-GMT Er Gray whale (northbound) Position: 153° / 871 m Dir: West; Behavior: Slow travel • Fluke <i>disappeared</i> Total 1 — 0 Calves at sighting
Poor	100	1 1.5 X	14 15:13:00 Off-Effort SC	22:13-GMT Tt Bottlenose dolphin Position: 124° / 1,546 m Dir: Stationary; Behavior: Milling Total 5 — 1 Calf at sighting
Poor	100	1 1.5 X	15 15:41:00 Off-Effort SV	22:41-GMT Oil services - Crew Boat Position: 234° / 2,872 m Dir: South 1 vessel
Poor	100	1 1.5 X	16 15:54:00 Off-Effort SV	22:54-GMT Whale watching - Condor Express Position: 115° / 2,094 m Dir: West 1 vessel
Poor	100	1 1.5 X	17 16:00:00 Off-Effort S	23:00-GMT Er Gray whale (northbound) Position: 125° / 840 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting

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	CCvr	Bft	Vis		
Poor	100	1	.25	9:00:00 PDT B	16:00-GMT <i>Heavy fog</i>
Poor	100	1	.25	9:00:00 PDT T	16:00-GMT <i>checked back at noon and 13:00 - no improvement</i>

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	CCvr	Bft	Vis		
Poor	100	1	1	9:00:00 PDT B	16:00-GMT <i>Heavy fog, drizzle.</i> <i>Oil barge between buoys (not entered in Vessel Log until 13:05, sighting #7)</i>
Poor	100	1	1	9:00:00 PDT TO	16:00-GMT
Poor	100	1 1 X		01 9:00:00 PDT Off-Effort S	16:00-GMT Er Gray whale (northbound) Position: 163° / 1,019 m Dir: West; Behavior: Slow travel • Fluke Total 3 — 0 Calves at sighting
Poor	100	1	2	10:00:00 TI	17:00-GMT
Poor	100	1	2	02 10:21:00 S	17:21-GMT Er Gray whale (northbound) Position: 117° / 1,778 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	100	1	2	03 10:57:00 S	17:57-GMT Er Gray whale (northbound) Position: 251° / 1,369 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Poor	100	1	2	04 11:09:00 S	18:09-GMT Er Gray whale (northbound) Position: 111° / 2,553 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Poor	100	1	2	05 11:36:00 S	18:36-GMT Er Gray whale (northbound) Position: 131° / 675 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	100	1	2	06 12:27:00 S	19:27-GMT Er Gray whale (northbound) Position: 113° / 1,778 m Dir: West; Behavior: Slow travel • Fluke Total 2 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	100	1	2	07 13:05:00 SV 20:05-GMT Barge/tug - Oil barge + tug (CF Position: 274' / 871 m Dir: Stationary <i>plus small tug (Julie) and UCSB monitoring vessel (all on site at beginning of Count today)</i> <i>Camera clock not yet set for Daylight Savings</i> 1 vessel <i>Images: 5857</i>
Poor	100	1	2	08 13:07:00 SV 20:07-GMT Dive-private - Position: 125' / 2,553 m Dir: East <i>Had been diving in front of Coal Oil Point</i> 1 vessel
Poor	100	1	2	09 13:13:00 S 20:13-GMT Er Gray whale (northbound) Position: 136' / 871 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Poor	100	1	2	10 13:23:00 SV 20:23-GMT Whale watching - Condor Express Position: 213' / 715 m Dir: West 1 vessel
Poor	100	1	2	11 13:33:00 SV 20:33-GMT Sportfish-private - Position: 107' / 2,553 m Dir: West <i>Images of vessel made after resetting camera clock to Daylight Savings Time</i> 1 vessel <i>Images: 5858-64</i>
Poor	100	1	2	12 13:54:00 S 20:54-GMT Er Gray whale (northbound) Position: 111' / 2,094 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Poor	100	1	2	13 14:22:00 SV 21:22-GMT Dive-private - Position: 264' / 1,294 m Dir: East 1 vessel
Poor	100	1	2	14 14:44:00 S 21:44-GMT Er Gray whale (northbound) Position: 125' / 1,778 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Poor	100	1	2	15 15:04:00 SV 22:04-GMT Fish-trap-commercial - L73658 - Position: 116' / 1,019 m Dir: Stationary 1 vessel
Poor	100	1	2	16 15:14:00 S 22:14-GMT Er Gray whale (northbound) Position: 152' / 2,553 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Poor	100	1	2	17 15:17:00 SV 22:17-GMT Sportfish-private - Position: 227' / 1,294 m Dir: East 1 vessel
Poor	100	1	2	18 15:52:00 S 22:52-GMT Er Gray whale (northbound) Position: 122' / 2,094 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Poor	100	1	2	19 16:03:00 SV 23:03-GMT Whale watching - Condor Express Position: 105' / 2,094 m Dir: West 1 vessel
Fair	10	1	3	20 16:12:00 S 23:12-GMT Er Gray whale (northbound) Position: 135' / 607 m Dir: West; Behavior: not indicated Total 1 — 0 Calves at sighting
Fair	10	1	3	21 16:43:00 SV 23:43-GMT Oil services - Crew Boat Position: 274' / 3,288 m Dir: South 1 vessel
Fair	10	1	3	22 16:47:00 S 23:47-GMT Er Gray whale (northbound) Position: 267' / 551 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	10	1	3	17:00:00 T <i>A record day, so far for Gray Whales Count. Had we not seen whales right away, we might have missed a good part of the day because the Quality was very poor, then poor, and finally at 16:00 fair.</i>
<hr/>				
Mar 18	Day 49 of 105			
	CCw	Bft	Vis	
Poor	100	1	2	9:00:00 PDT B <i>Dark - horizon not distinct in all areas</i>
Poor	100	1	2	01 9:06:00 PDT SO 16:06-GMT El Southern Sea otter Position: 143° / 527 m Dir: Stationary; Behavior: on back, feeding • in kelp <i>urchin</i> Total 1 — 0 Pups at sighting
Poor	100	1	2	02 9:07:00 PDT SV 16:07-GMT Barge/tug - Tug (small) Julie Position: 196° / 1,778 m Dir: East <i>Barge left earlier - images of oil barge + big tug made @ 08:33 - this is the little tug that helps</i> 1 vessel <i>Images: 5868-9</i>
Poor	100	1	2	03 9:09:00 PDT S 16:09-GMT Er Gray whale (northbound) Position: 104° / 2,553 m Dir: West; Behavior: not indicated Total 4 — 0 Calves at sighting
Poor	100	1	2	04 9:20:00 PDT SO 16:20-GMT El Southern Sea otter Position: 108° / 812 m Dir: Stationary; Behavior: Diving • on back, resting Total 1 — 0 Pups at sighting
Poor	100	1	2	05 9:30:00 PDT S 16:30-GMT Er Gray whale (northbound) Position: 220° / 2,094 m Dir: West; Behavior: Slow travel • Fluke Total 3 — 0 Calves at sighting
Poor	100	1	2	06 9:49:00 PDT SV 16:49-GMT Sportfish-private - Position: 116° / 2,094 m Dir: West 1 vessel
Fair	100	2	3	07 10:44:00 S 17:44-GMT Er Gray whale (northbound) Position: 136° / 3,288 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	100	1	3	08 10:48:00 SV 17:48-GMT Whale watching - Condor Express Position: 140° / 3,288 m Dir: Stationary 1 vessel
Poor	100	1	3	09 10:52:00 SV 17:52-GMT Sportfish-private - Position: 174° / 2,872 m Dir: East 1 vessel
Poor	100	2	3	10 11:22:00 S 18:22-GMT Er Gray whale (northbound) Position: 176° / 1,228 m Dir: West; Behavior: Slow travel • Rolling Total 3 — 0 Calves at sighting
Poor	100	2	3	11 11:36:00 S 18:36-GMT Er Gray whale (northbound) Position: 199° / 607 m Dir: West; Behavior: Slow travel • Rolling • Fluke Total 3 — 0 Calves at sighting
Poor	100	2	3	12 13:09:00 SV 20:09-GMT Sportfish-private - Position: 110° / 2,553 m Dir: West 1 vessel
Poor	100	2	3	13 13:14:00 SV 20:14-GMT Sportfish-private - Bimini Jim Position: 112° / 1,778 m Dir: West 1 vessel
Poor	100	2	3	14 13:23:00 SV 20:23-GMT Private - Position: 231° / 1,019 m Dir: East 1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	100	2 3	15 13:42:00 SO	20:42-GMT El Southern Sea otter Position: 101° / 1,019 m Dir: Stationary; Behavior: with gull(s) • on back, feeding <i>too far away to tell what it is feeding on</i> Total 1 — 0 Pups at sighting
Poor	100	2 3	16 13:46:00 SO	20:46-GMT El Southern Sea otter Position: 196° / 195 m Dir: ni; Behavior: Swimming • in surf zone Total 1 — 0 Pups at sighting
Poor	100	2 3	17 14:13:00 SV	21:13-GMT Sportfish-private - Position: 238° / 1,778 m Dir: East 1 vessel
Poor	100	2 3	18 14:17:00 S	21:17-GMT Er Gray whale (northbound) Position: 111° / 2,553 m Dir: West; Behavior: not indicated Total 2 — 0 Calves at sighting
Poor	100	2 3	19 14:37:00 SV	21:37-GMT Sportfish-commercial - Stardust Position: 262° / 2,094 m Dir: East 1 vessel
Poor	100	1 3	20 14:39:00 SV	21:39-GMT Oil services - Crew Boat Position: 276° / 4,712 m Dir: North <i>Coming from west</i> 1 vessel
Poor	100	1 3	21 14:51:00 SV	21:51-GMT Sportfish-private - Position: 275° / 2,094 m Dir: East <i>traveling very fast - came close to buoys and sea lions didn't react</i> 1 vessel
Poor	100	1 3	22 14:52:00 S	21:52-GMT Er Gray whale (northbound) Position: 265° / 3,288 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Poor	100	1 3	23 15:00:00 S	22:00-GMT Er Gray whale (northbound) Position: 114° / 2,094 m Dir: West; Behavior: Slow travel • Fluke Total 3 — 0 Calves at sighting
Poor	100	2 3	17:00:00 T	0:00; 3/19/2007-GMT
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Mar 19	Day 50 of 105			
	CCvr	Bft	Vis	
Poor	100	0 2	9:00:00 PDT B	16:00-GMT <i>Gray + overcast - very low contrast - horizon not distinct</i>
Poor	100	0 2	01 9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 152° / 607 m Dir: Stationary; Behavior: Swimming • in open water Total 1 — 0 Pups at sighting
Poor	100	0 2	02 9:03:00 PDT SO	16:03-GMT El Southern Sea otter Position: 128° / 639 m Dir: Stationary; Behavior: Swimming • in open water Total 1 — 0 Pups at sighting
Poor	100	0 2	03 9:07:00 PDT SV	16:07-GMT Whale watching - Crew Boat Position: 233° / 2,553 m Dir: Stationary <i>@ Holly</i> 1 vessel
Poor	100	0 2	04 9:11:00 PDT S	16:11-GMT Er Gray whale (northbound) Position: 117° / 1,778 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Poor	100	0 2	05 9:39:00 PDT S	16:39-GMT Er Gray whale (northbound) Position: 116° / 2,094 m Dir: West; Behavior: Fluke Total 1 — 0 Calves at sighting
Poor	100	0 2	06 9:56:00 PDT SV	16:56-GMT Oil services - Crew Boat Position: 273° / 3,288 m Dir: South 1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	100	0	2	07 10:25:00 SV 17:25-GMT Fish-trap-commercial - L68347 Position: 112° / 2,553 m Dir: West 1 vessel
Poor	100	0	2	08 10:26:00 SV 17:26-GMT Oil services - Crew Boat Position: 270° / 3,288 m Dir: West 1 vessel
Poor	100	0	2	09 10:30:00 S 17:30-GMT Er Gray whale (northbound) Position: 99° / 2,872 m Dir: West; Behavior: Slow travel • Fluke Total 3 — 0 Calves at sighting
Poor	100	0	2	10 10:32:00 S 17:32-GMT Er Gray whale (northbound) Position: 149° / 1,019 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	100	0	2	11 10:41:00 SV 17:41-GMT Dive-private - Position: 105° / 3,288 m Dir: West 1 vessel
Poor	100	0	2	12 11:15:00 SV 18:15-GMT Fish-commercial - Position: 243° / 2,872 m Dir: East <i>bright green</i> 1 vessel
Poor	100	0	2	13 11:16:00 SV 18:16-GMT Oil services - Crew Boat Position: 272° / 3,288 m Dir: South 1 vessel
Poor	100	0	2	14 11:34:00 SV 18:34-GMT Fish-trap-commercial - L77293 Position: 108° / 2,872 m Dir: West 1 vessel
Poor	100	0	2	15 11:43:00 S 18:43-GMT Er Gray whale (northbound) Position: 129° / 1,546 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	100	0	2	16 12:09:00 SC 19:09-GMT Tt Bottlenose dolphin Position: 238° / 578 m Dir: East; Behavior: Slow travel • Milling Total 8 — 0 Calves at sighting
Poor	100	0	2	17 12:13:00 SC 19:13-GMT Tt Bottlenose dolphin Position: 259° / 551 m Dir: East; Behavior: Slow travel Total 6 — 0 Calves at sighting
Poor	100	0	2	18 12:50:00 SV 19:50-GMT Whale watching - Condor Express Position: 101° / 2,872 m Dir: North 1 vessel
Poor	100	0	2	19 13:39:00 S 20:39-GMT Er Gray whale (northbound) Position: 164° / 485 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Poor	100	0	2	20 13:58:00 SV 20:58-GMT Sailboat - Position: 163° / 2,872 m Dir: West 1 vessel
Poor	100	0	2	21 14:08:00 S 21:08-GMT Er Gray whale (northbound) Position: 143° / 2,094 m Dir: West; Behavior: Slow travel Total 4 — 0 Calves at sighting
Poor	100	2	2	22 15:15:00 SV 22:15-GMT Oil services - Crew Boat Position: 282° / 3,288 m Dir: South <i>disappeared in fog</i> 1 vessel
Fair	100	3	3	23 16:30:00 S 23:30-GMT Er Gray whale (northbound) Position: 129° / 2,094 m Dir: West; Behavior: Slow travel <i>Weather: dark, high 3 Beaufort</i> Total 4 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	100	3	3	17:01:00 T 0:01; 3/20/2007-GMT
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	CCvr	Bft	Vis	
Poor	100	0	2	9:00:00 PDT B 16:00-GMT
Fair	100	0	3	01 9:45:00 PDT SV 16:45-GMT Helicopter - N____ orange with white 1 vessel Position: 139° / 1600 m Dir: West <i>flying at or lower than 100 feet</i>
Fair	100	0	3	02 10:08:00 SV 17:08-GMT Dive-commercial - 41133 Chameleon 1 vessel Position: 99° / 2,872 m Dir: West <i>urchin diver?</i>
Fair	100	0	3	03 10:13:00 SV 17:13-GMT Whale watching - Condor Express 1 vessel Position: 98° / 2,872 m Dir: West
Fair	100	0	3	04 10:17:00 SV 17:17-GMT Oil services - Crew Boat 1 vessel Position: 273° / 3,288 m Dir: South <i>Turned right and headed west</i>
Fair	100	0	3	05 10:22:00 SV 17:22-GMT Oil services - Crew Boat 1 vessel Position: 280° / 3,288 m Dir: South <i>different crew boat from sighting #4</i>
Fair	100	0	3	06 10:44:00 S 17:44-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 107° / 2,094 m Dir: West; Behavior: Slow travel
Fair	100	0	3	07 11:00:00 SV 18:00-GMT not determined - 1 vessel Position: 173° / 715 m Dir: East
Fair	100	1	3	08 11:15:00 S 18:15-GMT Er Gray whale (northbound) Total 3 — 0 Calves at sighting Position: 143° / 715 m Dir: West; Behavior: Slow travel <i>Patches of 0 + 2 Beaufort</i>
Fair	100	2	3	09 11:35:00 SV 18:35-GMT Sailboat (motor) - 1 vessel Position: 249° / 2,872 m Dir: East
Fair	100	2	3	10 12:22:00 SC 19:22-GMT Tt Bottlenose dolphin Total 12 — 0 Calves at sighting Position: 238° / 505 m Dir: East; Behavior: Slow travel
Poor	100	2	2	11 12:28:00 SC 19:28-GMT Tt Bottlenose dolphin Total 2 — 0 Calves at sighting Position: 174° / 675 m Dir: East; Behavior: Slow travel
Poor	100	2	2	12 12:31:00 SC 19:31-GMT Tt Bottlenose dolphin Total 3 — 0 Calves at sighting Position: 208° / 310 m Dir: East; Behavior: Slow travel
Poor	100	2	.5	12:41:00 TO 19:41-GMT <i>Fog + rain</i>
Poor	100	2	2	13:23:00 TI 20:23-GMT <i>Front passing - drizzle + fog to SE, good visibility southwest</i>
Poor	100	1	2	13 13:40:00 SV 20:40-GMT Fish-trap-commercial - L77293 1 vessel Position: 129° / 1,546 m Dir: Stationary

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	100	1 3	14 14:16:00 S 21:16-GMT Er Gray whale (northbound) Position: 101° / 2,872 m Dir: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Good	100	1 4	15 14:46:00 SV 21:46-GMT Oil services - Crew Boat Position: 232° / 2,553 m Dir: South <i>@ Holly</i>	1 vessel
Good	35	2 5	16 15:19:00 S 22:19-GMT Er Gray whale (northbound) Position: 113° / 2,872 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	20	3 5	17 15:42:00 S 22:42-GMT Er Gray whale (northbound) Position: 204° / 2,094 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	80	4 4	18 16:17:00 S 23:17-GMT Er Gray whale (northbound) Position: 110° / 2,553 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	90	4 4	19 16:47:00 SC 23:47-GMT Tt Bottlenose dolphin Position: 214° / 449 m Dir: East; Behavior: Milling	Total 6 — 0 Calves at sighting
Fair	90	4 4	17:00:00 T 0:00; 3/21/2007-GMT <i>Lots of weather!</i>	
<hr/>				
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	CCw	Bft	Vis	
Poor	60	4 3	9:00:00 PDT B 16:00-GMT <i>Wind - little contrast + strong glare to east</i>	
Poor	60	4 3	01 9:09:00 PDT SV 16:09-GMT Oil services - Crew Boat Position: 284° / 3,288 m Dir: South	1 vessel
Poor	60	4 3	02 9:23:00 PDT S 16:23-GMT Er Gray whale (northbound) Position: 132° / 715 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	80	4 3	03 10:14:00 S 17:14-GMT Er Gray whale (northbound) Position: 171° / 2,872 m Dir: West; Behavior: not indicated	Total 3 — 0 Calves at sighting
Poor	80	4 3	04 10:32:00 SC 17:32-GMT ULW unidentified large whale Position: 200° / 4,712 m Dir: ni; Behavior: not indicated	Total 1 — 0 Calves at sighting
Poor	80	3 3	05 10:40:00 S 17:40-GMT Er Gray whale (northbound) Position: 176° / 551 m Dir: West; Behavior: Slow travel <i>originally seen by Condor</i>	Total 2 — 0 Calves at sighting
Fair	30	3 4	06 11:13:00 S 18:13-GMT Er Gray whale (northbound) Position: 182° / 1,228 m Dir: West; Behavior: Slow travel <i>Weather: Fair, lack of contrast to east</i>	Total 1 — 0 Calves at sighting
Fair	30	3 4	07 11:21:00 S 18:21-GMT Er Gray whale (northbound) Position: 183° / 1,019 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	70	2 4	08 12:04:00 S 19:04-GMT Er Gray whale (northbound) Position: 180° / 1,369 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	70	2 4	09 12:32:00 SV 19:32-GMT Dive-research - UCSB: seep monitor Position: 154° / 449 m Dir: West	1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	70	2	4	10 12:52:00 SV 19:52-GMT Whale watching - Condor Express Position: 120° / 2,872 m Dir: West 1 vessel
Good	70	2	4	11 13:06:00 SC 20:06-GMT Tt Bottlenose dolphin Position: 152° / 356 m Dir: West; Behavior: not indicated Total 2 — 0 Calves at sighting
Good	25	0	4	12 14:15:00 S 21:15-GMT Er Gray whale (northbound) Position: 172° / 2,872 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	25	0	4	13 14:34:00 S 21:34-GMT Er Gray whale (northbound) Position: 226° / 607 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Good	25	0	4	14 14:42:00 SV 21:42-GMT Oil services - Crew Boat Position: 249° / 3,288 m Dir: South 1 vessel
Fair	75	0	4	15 15:17:00 S 22:17-GMT Er Gray whale (northbound) Position: 192° / 2,872 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	75	0	4	16 15:26:00 SC 22:26-GMT Tt Bottlenose dolphin Position: 202° / 551 m Dir: East; Behavior: Milling Total 2 — 0 Calves at sighting
Fair	90	0	4	17 15:36:00 S 22:36-GMT Er Gray whale (northbound) Position: 231° / 449 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	90	0	4	18 15:51:00 SC 22:51-GMT Tt Bottlenose dolphin Position: 139° / 551 m Dir: West; Behavior: Milling Total 6 — 0 Calves at sighting
Fair	25	0	4	19 16:11:00 S 23:11-GMT Er Gray whale (northbound) Position: 202° / 1,778 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	10	0	4	20 16:38:00 SV 23:38-GMT Oil services - Crew Boat Position: 262° / 3,288 m Dir: West <i>in glare west of Holly</i> 1 vessel
Good	10	0	4	17:00:00 T 0:00; 3/22/2007-GMT

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CCvr Bt Vis

Fair	0	0	2	8:50:00 PDT B 15:50-GMT
Fair	0	0	2	01 8:51:00 PDT S 15:51-GMT Er Gray whale (northbound) Position: 143° / 607 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	0	0	2	02 8:52:00 PDT S 15:52-GMT Er Gray whale (northbound) Position: 135° / 675 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	0	0	2	03 8:55:00 PDT S 15:55-GMT Er Gray whale (northbound) Position: 129° / 1,228 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	0	0	2	04 9:00:00 PDT SC 16:00-GMT Tt Bottlenose dolphin Position: 234° / 812 m Dir: East; Behavior: Fast travel <i>Barrage of whales and dolphins...</i> Total 2 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0 1 2	05 9:20:00 PDT SV	16:20-GMT Oil services - Crew Boat Position: 266° / 3,288 m Dir: North <i>came in from west</i>	1 vessel
Fair	0 1 3	06 9:52:00 PDT S	16:52-GMT Er Gray whale (northbound) Position: 120° / 761 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0 2 3	07 10:29:00 SV	17:29-GMT Oil services - Crew Boat Position: 272° / 3,288 m Dir: South <i>turned and headed west</i>	1 vessel
Fair	0 2 3	08 10:32:00 SV	17:32-GMT Whale watching - Condor Express Position: 99° / 2,872 m Dir: West	1 vessel
Fair	0 2 3	09 10:37:00 SO	17:37-GMT El Southern Sea otter Position: 113° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 1 — 0 Pups at sighting
Fair	0 2 3	10 10:51:00 S	17:51-GMT Er Gray whale (northbound) Position: 104° / 2,553 m Dir: West; Behavior: Slow travel • Fluke	Total 4 — 0 Calves at sighting
Fair	0 2 3	11 11:36:00 SC	18:36-GMT Tt Bottlenose dolphin Position: 116° / 761 m Dir: West; Behavior: Fast travel <i>Extremely large blows for dolphin</i>	Total 8 — 0 Calves at sighting
Fair	0 1 3	12 12:46:00 S	19:46-GMT Er Gray whale (northbound) Position: 123° / 2,553 m Dir: West; Behavior: Slow travel <i>large group - spread out</i>	Total 4 — 0 Calves at sighting
Fair	0 1 3	13 12:53:00 SV	19:53-GMT Whale watching - Condor Express Position: 106° / 3,288 m Dir: West	1 vessel
Good	0 1 3	14 13:20:00 SV	20:20-GMT Helicopter - N____ blue + white Position: 124° / 800 m Dir: West <i>flew over animals - no apparent reaction</i>	1 vessel
Good	0 1 4	15 13:38:00 S	20:38-GMT Er Gray whale (northbound) Position: 114° / 2,872 m Dir: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Good	0 1 4	16 13:49:00 S	20:49-GMT Er Gray whale (northbound) Position: 133° / 1,369 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Good	0 1 4	17 14:00:00 SV	21:00-GMT Private - Position: 139° / 449 m Dir: West <i>fast in kelp</i>	1 vessel
Good	0 1 4	18 14:03:00 SO	21:03-GMT El Southern Sea otter Position: 134° / 327 m Dir: Stationary; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good	0 1 5	19 14:29:00 SV	21:29-GMT Oil services - Crew Boat Position: 270° / 3,288 m Dir: South	1 vessel
Excellent	0 1 5	20 14:46:00 S	21:46-GMT Er Gray whale (northbound) Position: 161° / 2,872 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Excellent	0 1 5	21 14:46:00 S	21:46-GMT Er Gray whale (northbound) Position: 161° / 1,228 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Excellent	0	1	5	
	22	15:43:00 S	22:43-GMT Er Gray whale (northbound) Position: 159° / 639 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Excellent	0	1	5	
	23	15:56:00 S	22:56-GMT Er Gray whale (northbound) Position: 194° / 3,288 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Excellent	0	1	5	
	24	16:08:00 SV	23:08-GMT Oil services - Crew Boat Position: 267° / 2,872 m Dir: South	1 vessel
Excellent	0	1	5	
	25	16:15:00 S	23:15-GMT Er Gray whale (northbound) Position: 194° / 2,872 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good	0	2	4	
	26	16:31:00 S	23:31-GMT Er Gray whale (northbound) Position: 174° / 3,288 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	0	2	4	
	27	16:32:00 SV	23:32-GMT Whale watching - Condor Express Position: 141° / 1,369 m Dir: West	1 vessel
Good	0	2	4	
	28	16:53:00 S	23:53-GMT Er Gray whale (northbound) Position: 159° / 715 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	0	2	4	
	29	16:57:00 S	23:57-GMT Er Gray whale (northbound) Position: 124° / 1,546 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	0	2	4	
		17:04:00 T	0:04; 3/23/2007-GMT <i>Lots of whales far out!</i>	

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	CCvr	BT	Vis	
Fair	5	0	4	
				9:00:00 PDT B <i>Sun is low - haze over water</i>
Fair	5	0	4	
	01	9:06:00 PDT S	16:06-GMT Er Gray whale (northbound) Position: 114° / 1,778 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	5	0	4	
	02	9:07:00 PDT SV	16:07-GMT Fish-trap-commercial - L73658 - Position: 186° / 1,546 m Dir: West	1 vessel
Fair	5	0	4	
	03	9:10:00 PDT S	16:10-GMT Er Gray whale (northbound) Position: 110° / 2,094 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	5	0	4	
	04	10:12:00 SV	17:12-GMT Whale watching - Condor Express Position: 99° / 3,288 m Dir: Stationary <i>on whale not yet sighted</i>	1 vessel
Good	5	0	4	
	05	10:14:00 S	17:14-GMT Er Gray whale (northbound) Position: 102° / 3,288 m Dir: West; Behavior: Slow travel <i>see Comments at end of day</i>	Total 2 — 1 Calf at sighting
Good	5	0	4	
	07	10:14:00 S	17:14-GMT Er Gray whale (northbound) Position: 99° / 3,288 m Dir: West; Behavior: Slow travel <i>see Comments at end of day</i>	Total 2 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	5	0 4	06 10:18:00 S 17:18-GMT Er Gray whale (northbound) Position: 97° / m Dir: West; Behavior: Slow travel see Comments at end of day	Total 2 — 0 Calves at sighting
Good	5	0 4	08 11:08:00 S 18:08-GMT Er Gray whale (northbound) Position: 106° / 2,872 m Dir: West; Behavior: Slow travel see Comments at end of day	Total 2 — 0 Calves at sighting
Good	5	0 4	09 11:28:00 S 18:28-GMT Er Gray whale (northbound) Position: 111° / 2,094 m Dir: West; Behavior: Slow travel see Comments at end of day	Total 1 — 0 Calves at sighting
Fair	5	0 4	10 12:01:00 SC 19:01-GMT Tt Bottlenose dolphin Position: 119° / 871 m Dir: West; Behavior: Fast travel	Total 20 — 0 Calves at sighting
Fair	5	0 4	11 12:10:00 SV 19:10-GMT Oil services - Crew Boat Position: 244° / 2,553 m Dir: South	1 vessel
Fair	5	0 4	12 12:22:00 SV 19:22-GMT Research vessel - Solera Position: 105° / 2,094 m Dir: West See sighting #8	1 vessel
Fair	5	0 4	13 12:25:00 SV 19:25-GMT Fish-trap-commercial - L77293 Position: 159° / 840 m Dir: Stationary	1 vessel
Fair	5	0 4	14 12:37:00 S 19:37-GMT Er Gray whale (northbound) Position: 133° / 675 m Dir: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Fair	5	0 4	15 12:48:00 SV 19:48-GMT Oil services - Crew Boat Position: 259° / 2,872 m Dir: South	1 vessel
Fair	5	0 4	16 12:58:00 SC 19:58-GMT Tt Bottlenose dolphin Position: 133° / 840 m Dir: West; Behavior: Fast travel	Total 4 — 0 Calves at sighting
Fair	5	0 4	17 13:06:00 S 20:06-GMT Er Gray whale (northbound) Position: 203° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	5	0 4	18 13:07:00 SC 20:07-GMT ULW unidentified large whale Position: 202° / 4,712 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	5	0 4	19 13:18:00 S 20:18-GMT Er Gray whale (northbound) Position: 220° / 551 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	5	0 4	20 13:24:00 SV 20:24-GMT Whale watching - Condor Express Position: 129° / 1,778 m Dir: West	1 vessel
Fair	5	0 4	21 13:30:00 SV 20:30-GMT Private - Position: 110° / 2,553 m Dir: West black hull - going surfing	1 vessel
Fair	5	0 4	22 13:45:00 S 20:45-GMT Er Gray whale (northbound) Position: 203° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	5	0 4	23 13:59:00 S 20:59-GMT Er Gray whale (northbound) Position: 106° / 2,094 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Fair	30	0	3	24 14:05:00 SV	21:05-GMT Sportfish-private - Position: 109° / 2,553 m Dir: West 1 vessel
Fair	30	0	3	25 14:18:00 SC	21:18-GMT Tt Bottlenose dolphin Position: 163° / 715 m Dir: West; Behavior: not indicated Total 6 — 0 Calves at sighting
Fair	30	0	3	26 14:38:00 S	21:38-GMT Er Gray whale (northbound) Position: 265° / 715 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	30	0	3	27 14:47:00 S	21:47-GMT Er Gray whale (northbound) Position: 144° / 715 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	30	0	3	28 15:13:00 SC	22:13-GMT Tt Bottlenose dolphin Position: 144° / 871 m Dir: ni; Behavior: not indicated Total 2 — 0 Calves at sighting
Fair	30	0	3	29 15:19:00 S	22:19-GMT Er Gray whale (northbound) Position: 153° / 715 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	30	0	3	30 15:24:00 SC	22:24-GMT ULW unidentified large whale Position: 203° / 4,712 m Dir: ni; Behavior: not indicated <i>only 2 looks, very far out</i> Total 1 — 0 Calves at sighting
Fair	30	0	3	31 15:31:00 SV	22:31-GMT Private - Deep Devotion Position: 115° / 1,546 m Dir: West <i>fancy</i> 1 vessel
Fair	30	3	2	32 15:55:00 S	22:55-GMT Er Gray whale (northbound) Position: 107° / 2,094 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	40	3	2	33 16:21:00 SC	23:21-GMT Tt Bottlenose dolphin Position: 285° / 840 m Dir: Stationary; Behavior: Milling <i>possibly feeding</i> Total 3 — 0 Calves at sighting
Fair	40	3	2	34 16:31:00 SO	23:31-GMT El Southern Sea otter Position: 103° / 551 m Dir: ni; Behavior: Diving • in kelp Total 1 — 0 Pups at sighting
Fair	40	3	2	35 16:37:00 SV	23:37-GMT Oil services - Crew Boat Position: 287° / 3,288 m Dir: South 1 vessel
Fair	40	3	2	36 16:42:00 S	23:42-GMT Er Gray whale (northbound) Position: 110° / 1,778 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	40	3	2	17:00:00 T	0:00; 3/24/2007-GMT <i>Sightings #5-6-7-8-9 9 whales, including one calf Began @ 10:14 beyond Campus Point - The Condor Express went out to see a group of three. At the</i>

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CCvr BR Vis

Fair 100 2 3

9:00:00 PDT 16:00-GMT
B

Marine layer - little contrast to southeast

NOTE: No Vessel Log today.

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	100	2 3	01 9:00:00 PDT SV 16:00-GMT Barge/tug - Oil barge + tug (CF Position: 272° / 1,019 m Dir: Stationary <i>between buoys - also small tug + observation vessel</i>	1 vessel <i>Images: 5887</i>
Fair	100	2 3	02 9:15:00 PDT S 16:15-GMT Er Gray whale (northbound) Position: 147° / 449 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	100	2 3	03 9:16:00 PDT SV 16:16-GMT Sportfish-commercial - Sir Reel Special Position: 171° / 433 m Dir: West	1 vessel
Fair	100	2 3	04 9:18:00 PDT S 16:18-GMT Er Gray whale (northbound) Position: 183° / 418 m Dir: West; Behavior: not indicated	Total 1 — 0 Calves at sighting
Fair	100	2 3	05 9:40:00 PDT S 16:40-GMT Er Gray whale (northbound) Position: 131° / 871 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	95	2 3	06 10:40:00 SC 17:40-GMT Tt Bottlenose dolphin Position: 117° / 871 m Dir: Stationary; Behavior: Milling	Total 15 — 0 Calves at sighting
Fair	95	2 3	07 10:57:00 SC 17:57-GMT Tt Bottlenose dolphin Position: 202° / 551 m Dir: East; Behavior: Slow travel	Total 8 — 0 Calves at sighting
Fair	95	2 3	08 10:58:00 S 17:58-GMT Er Gray whale (northbound) Position: 132° / 1,228 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair	95	2 3	09 11:08:00 SC 18:08-GMT Tt Bottlenose dolphin Position: 187° / 607 m Dir: East; Behavior: Slow travel	Total 10 — 0 Calves at sighting
Fair	95	2 3	10 11:24:00 SC 18:24-GMT Tt Bottlenose dolphin Position: 211° / 449 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	90	0 3	11 13:32:00 S 20:32-GMT Er Gray whale (northbound) Position: 137° / 715 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair	90	0 3	12 14:41:00 S 21:41-GMT Er Gray whale (northbound) Position: 115° / 1,546 m Dir: West; Behavior: Slow travel <i>@ 14:16 200°/0 Garibaldi doing side-scan sonar transects - may have been in area yesterday, but too far out for Vessel Log</i>	Total 1 — 0 Calves at sighting
Fair	90	0 3	13 15:43:00 S 22:43-GMT Er Gray whale (northbound) Position: 146° / 1,369 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair	90	0 3	14 16:12:00 S 23:12-GMT Er Gray whale (northbound) Position: 160° / 1,546 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	100	2 3	15 16:14:00 S 23:14-GMT Er Gray whale (northbound) Position: 176° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	100	2 3	16 16:32:00 S 23:32-GMT Er Gray whale (northbound) Position: 125° / 2,094 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	100	2 3	17 16:57:00 S 23:57-GMT Er Gray whale (northbound) Position: 133° / 1,113 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	90	0	3	17:02:00 T
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Mar 25	Day 56 of 105			
	CCvr	Bft	Vis	
Poor	100	0	2	8:55:00 PDT B
				15:55-GMT <i>Visibility to east <2 nm - marine layer</i> <i>NOTE: No Vessel Log today.</i>
Poor	100	0	2	01 8:55:00 PDT S
				15:55-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 135° / 551 m Dir: West; Behavior: Slow travel
Poor	100	0	2	02 9:35:00 PDT SO
				16:35-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 115° / 715 m Dir: West; Behavior: in kelp • Diving
Poor	100	0	3	03 10:06:00 S
				17:06-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 230° / 551 m Dir: West; Behavior: Slow travel <i>Saw disturbance in water at 150°, tracked, then saw blow + body</i>
Poor	100	2	2	04 11:31:00 S
				18:31-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 116° / 1,019 m Dir: West; Behavior: Slow travel
Poor	100	2	2	05 11:57:00 S
				18:57-GMT Er Gray whale (northbound) Total 2 — 0 Calves at sighting Position: 106° / 2,553 m Dir: West; Behavior: Slow travel
Poor	100	2	2	06 12:47:00 S
				19:47-GMT Er Gray whale (northbound) Total 7 — 0 Calves at sighting Position: 149° / 2,094 m Dir: West; Behavior: Slow travel
Fair	100	1	2	07 13:56:00 S
				20:56-GMT Er Gray whale (northbound) Total 3 — 0 Calves at sighting Position: 214° / 2,872 m Dir: West; Behavior: Slow travel • Breach
Fair	100	0	3	08 15:35:00 S
				22:35-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 146° / 1,369 m Dir: West; Behavior: Slow travel
Fair	100	0	4	09 16:27:00 S
				23:27-GMT Er Gray whale (northbound) Total 2 — 0 Calves at sighting Position: 114° / 1,778 m Dir: West; Behavior: Slow travel
Fair	100	0	4	10 16:54:00 S
				23:54-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 116° / 1,019 m Dir: West; Behavior: Slow travel
Fair	100	0	4	17:13:00 T
				0:13; 3/26/2007-GMT
<hr/>				
Mar 26	Day 57 of 105			
	CCvr	Bft	Vis	
Poor	100	2	2	9:00:00 PDT B
				16:00-GMT <i>Very gray and dismal - little contrast</i>
Poor	100	2	2	01 9:00:00 PDT SV
				16:00-GMT Kelp harvester - 1 vessel Position: 101° / 1,778 m Dir: South
Poor	100	2	2	02 9:00:00 PDT SV
				16:00-GMT Fish-commercial - 40589 1 vessel Position: 116° / 2,553 m Dir: West <i>dark green</i>

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	100	2 2	03 9:01:00 PDT S 16:01-GMT Er Gray whale (northbound) Position: 111° / 2,872 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	2 2	04 9:03:00 PDT SO 16:03-GMT El Southern Sea otter Position: 114° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, feeding <i>eating urchin</i>	Total 1 — 0 Pups at sighting
Poor	100	2 2	05 9:05:00 PDT SO 16:05-GMT El Southern Sea otter Position: 118° / 310 m Dir: Stationary; Behavior: with gull(s) • Diving • on back, feeding <i>eating urchin</i>	Total 1 — 0 Pups at sighting
Poor	100	2 2	06 9:09:00 PDT SV 16:09-GMT Fish-trap-commercial - L68347 Position: 102° / 2,872 m Dir: West	1 vessel
Poor	100	2 2	07 9:24:00 PDT SC 16:24-GMT Tt Bottlenose dolphin Position: 256° / 578 m Dir: East; Behavior: not indicated	Total 4 — 0 Calves at sighting
Poor	100	2 3	08 9:37:00 PDT SC 16:37-GMT Tt Bottlenose dolphin Position: 270° / 715 m Dir: West; Behavior: not indicated	Total 5 — 0 Calves at sighting
Poor	100	2 3	09 9:44:00 PDT S 16:44-GMT Er Gray whale (northbound) Position: 154° / 505 m Dir: West; Behavior: Slow travel <i>disappeared</i>	Total 2 — 0 Calves at sighting
Poor	100	2 3	10 10:13:00 SC 17:13-GMT Tt Bottlenose dolphin Position: 197° / 675 m Dir: East; Behavior: not indicated	Total 3 — 0 Calves at sighting
Poor	100	2 1	10:28:00 T 17:28-GMT <i>fog, light drizzle</i>	
Poor	100	2 1.5 X	11 10:43:00 Off-Effort SV 17:43-GMT Whale watching - Condor Express Position: 101° / 2,872 m Dir: West <i>on whale not yet sighted</i>	1 vessel
Poor	100	2 1.5 X	12 10:47:00 Off-Effort SC 17:47-GMT Tt Bottlenose dolphin Position: 234° / 639 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting

Mar 27 Day 58 of 105

CCvr Bft Vts

Fair	20	4 5	9:00:00 PDT B 16:00-GMT <i>Sun low - strong glare east - large swell</i> <i>NOTE: No Vessel Log today.</i>	
Poor	20	6 5	9:24:00 PDT T 16:24-GMT <i>Strong wind - rain coming</i>	
Poor	20	5 5 X	01 9:24:00 PDT Off-Effort SC 16:24-GMT Tt Bottlenose dolphin Position: 126° / 675 m Dir: West; Behavior: Slow travel <i>Traveling along kelp with birds</i>	Total 9 — 0 Calves at sighting

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type		
					Code			
Mar 28	Day 59 of 105							
	CCvr	Bft	Vis					
Fair	0	4	3		9:00:00 PDT B	16:00-GMT <i>Haze - glare east - haze appears to be from wind spray - better visibility south and west</i> <i>NOTE: No Vessel Log today.</i>		
Fair	0	4	3	01	9:06:00 PDT S	16:06-GMT Er Gray whale (northbound) Position: 152' / 2,872 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting	
Fair	0	4	3	02	9:45:00 PDT S	16:45-GMT Er Gray whale (northbound) Position: 134' / 639 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting	
Fair	0	3	4	03	10:18:00 SO	17:18-GMT El Southern Sea otter Position: 126' / 639 m Dir: Stationary; Behavior: in kelp • on back, feeding <i>Eating urchin</i>	Total 1 — 0 Pups at sighting	
Poor	0	6	3		12:30:00 T	19:30-GMT		
Mar 29	Day 60 of 105							
	CCvr	Bft	Vis					
Good	0	0	4		9:00:00 PDT B	16:00-GMT <i>Not much glare - some haze east - some 1 Beaufort</i> <i>NOTE: No Vessel Log today.</i>		
Good	0	0	4	01	9:00:00 PDT SV	16:00-GMT Kelp harvester - Position: 103' / 2,553 m Dir: North	1 vessel	
Good	0	0	4	02	9:13:00 PDT S	16:13-GMT Er Gray whale (northbound) Position: 113' / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting	
Good	0	0	4	03	10:16:00 S	17:16-GMT Er Gray whale (northbound) Position: 216' / 356 m Dir: West; Behavior: Slow travel <i>Saw back - no other sighting</i>	Total 1 — 0 Calves at sighting	
Good	0	0	4	04	10:20:00 S	17:20-GMT Er Gray whale (northbound) Position: 109' / 2,553 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting	
Good	0	0	4	05	11:01:00 S	18:01-GMT Er Gray whale (northbound) Position: 116' / 1,778 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting	
Good	0	1	4	06	11:31:00 S	18:31-GMT Er Gray whale (northbound) Position: 169' / 1,778 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting	
Good	0	2	4	07	12:40:00 S	19:40-GMT Er Gray whale (northbound) Position: 133' / 3,288 m Dir: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting	
Good	0	2	4	08	13:08:00 S	20:08-GMT Er Gray whale (northbound) Position: 178' / 3,288 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting	
Fair	0	4	4	09	16:27:00 S	23:27-GMT Er Gray whale (northbound) Position: 126' / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting	
Fair	0	4	4		17:00:00 T	0:00; 3/30/2007-GMT		

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type			
					Code				
Mar 30	Day 61 of 105								
	CCvr	Bft	Vis						
	Good	0	0	4	9:00:00 PDT B	16:00-GMT			
							<i>Some brown haze at horizon, all the way around</i>		
							<i>NOTE: No Vessel Log today.</i>		
	Good	0	0	4	01 9:17:00 PDT SV	16:17-GMT Helicopter - Position: 104° / 1600 m Dir: North <i>Circle above water - less than 100 feet</i>	1 vessel		<i>Images: 5896</i>
	Good	0	0	4	02 9:20:00 PDT SC	16:20-GMT Tt Bottlenose dolphin Position: 229° / 418 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting		
	Good	0	0	4	03 12:39:00 S	19:39-GMT Er Gray whale (northbound) Position: 124° / 715 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting		
	Excellent	0	0	5	04 13:41:00 SC	20:41-GMT Tt Bottlenose dolphin Position: 148° / 812 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting		
	Good	0	2	4	05 15:02:00 SC	22:02-GMT Tt Bottlenose dolphin Position: 231° / 433 m Dir: East; Behavior: Slow travel	Total 6 — 2 Calves at sighting		
	Good	0	2	4	06 15:59:00 S	22:59-GMT Er Gray whale (northbound) Position: 110° / 2,553 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting		
	Good	0	2	4	07 16:07:00 SC	23:07-GMT Tt Bottlenose dolphin Position: 126° / 639 m Dir: West; Behavior: Slow travel • Milling	Total 3 — 1 Calf at sighting		
	Good	0	2	4	17:00:00 T	0:00; 3/31/2007-GMT			
Mar 31	Day 62 of 105								
	CCvr	Bft	Vis						
	Poor	100	1	2	8:56:00 PDT B	15:56-GMT			
	Poor	100	1	2	01 8:56:00 PDT S	15:56-GMT Er Gray whale (northbound) Position: 134° / 1,019 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting		
	Poor	100	1	2	02 9:00:00 PDT SV	16:00-GMT Dive-commercial - 40266 Position: 202° / 275 m Dir: Stationary <i>urchin diver</i>	1 vessel		
	Fair	80	1	3	03 9:51:00 PDT S	16:51-GMT Er Gray whale (northbound) Position: 166° / 607 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting		
	Fair	80	0	4	04 10:19:00 S	17:19-GMT Er Gray whale (northbound) Position: 114° / 2,094 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting		
	Fair	80	1	4	05 10:23:00 S	17:23-GMT Er Gray whale (northbound) Position: 112° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting		
	Fair	80	1	4	06 10:43:00 SV	17:43-GMT Oil services - Crew Boat Position: 262° / 1,228 m Dir: Stationary <i>whale watching (approach not described), probably S#4</i>	1 vessel		

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Fair	10	1	3	07 11:11:00 SO	18:11-GMT El Southern Sea otter Position: 252° / 269 m Dir: Stationary; Behavior: in open water • Diving Total 1 — 0 Pups at sighting
Poor	0	0	2	08 13:04:00 SV	20:04-GMT Private - Position: 117° / 1,778 m Dir: West <i>possibly sportfishing</i> 1 vessel
Poor	20	2	2	09 14:30:00 SV	21:30-GMT Sportfish-private - Position: 277° / 2,872 m Dir: East 1 vessel
Poor	20	2	2	10 14:47:00 SV	21:47-GMT Sportfish-private - Position: 237° / 715 m Dir: East <i>light-blue hull, outboard</i> 1 vessel
Poor	20	2	2	11 14:54:00 SV	21:54-GMT Sportfish-private - Position: 185° / 639 m Dir: East <i>long poles in rear of vessel</i> 1 vessel
Fair	0	3	3	12 15:11:00 SV	22:11-GMT Sportfish-private - Position: 184° / 418 m Dir: East 1 vessel
Good	0	3	4	13 16:15:00 SV	23:15-GMT Whale watching - Condor Express Position: 104° / 2,872 m Dir: West 1 vessel
Fair	0	3	3	14 16:30:00 SV	23:30-GMT Oil services - Crew Boat Position: 283° / 3,288 m Dir: South <i>Turned and headed west</i> 1 vessel
Fair	0	3	3	17:00:00 T	0:00; 4/1/2007-GMT

Apr 01 Day 63 of 105

CCvr Bft Vis

Poor	90	3	2	10:00:00 B	17:00-GMT <i>Fog delayed opening - variable cloud cover - variable visibility</i> <i>NOTE: No Vessel Log today.</i>
Poor	90	3	2	01 10:05:00 SC	17:05-GMT Tt Bottlenose dolphin Position: 121° / 1,228 m Dir: West; Behavior: Slow travel Total 8 — 1 Calf at sighting
Poor	90	3	2	02 10:32:00 SC	17:32-GMT Tt Bottlenose dolphin Position: 180° / 639 m Dir: East; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	90	3	2	03 11:11:00 S	18:11-GMT Er Gray whale (northbound) Position: 104° / 2,553 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Poor	90	3	2	04 11:37:00 S	18:37-GMT Er Gray whale (northbound) Position: 181° / 2,094 m Dir: West; Behavior: Slow travel • Fluke <i>3 distinct blows - not seen again</i> Total 3 — 0 Calves at sighting
Poor	90	3	2	05 11:55:00 S	18:55-GMT Er Gray whale (northbound) Position: 129° / 607 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Poor	90	3	2	06 11:59:00 SC	18:59-GMT ULW unidentified large whale Position: 127° / 578 m Dir: West; Behavior: Slow travel <i>May be calf from sighting #5</i> Total 1 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair 90 2 3	07	13:12:00 SC	20:12-GMT Tt Bottlenose dolphin Position: 201° / 505 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair 90 0 3	08	13:31:00 SC	20:31-GMT Tt Bottlenose dolphin Position: 198° / 485 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 90 0 3	09	13:31:00 S	20:31-GMT Er Gray whale (northbound) Position: 121° / 551 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 90 0 3	10	13:40:00 SC	20:40-GMT Tt Bottlenose dolphin Position: 178° / 715 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor 90 0 2	11	14:44:00 SC	21:44-GMT Tt Bottlenose dolphin Position: 160° / 551 m Dir: West; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Poor 10 0 2	12	15:07:00 SC	22:07-GMT Tt Bottlenose dolphin Position: 182° / 505 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor 25 0 2	13	16:17:00 SC	23:17-GMT Tt Bottlenose dolphin Position: 123° / 1,113 m Dir: Stationary; Behavior: Milling	Total 3 — 0 Calves at sighting
Poor 25 0 2		17:00:00 T	0:00; 4/2/2007-GMT	

Apr 02 Day 64 of 105

CCvr Bft Vis

Poor 100 3 2		9:00:00 PDT B	16:00-GMT <i>not-dense fog, almost bright - everything gray</i> <i>NOTE: No Vessel Log until 13:00.</i>	
Poor 100 3 2	01	9:00:00 PDT SV	16:00-GMT Kelp harvester - Position: 108° / 2,553 m Dir: South	1 vessel
Poor 100 3 2	02	9:02:00 PDT SC	16:02-GMT Tt Bottlenose dolphin Position: 164° / 551 m Dir: East; Behavior: Fast travel • Breach	Total 2 — 0 Calves at sighting
Poor 100 3 2	03	9:37:00 PDT S	16:37-GMT Er Gray whale (northbound) Position: 113° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100 3 2	04	9:44:00 PDT S	16:44-GMT Er Gray whale (northbound) Position: 126° / 2,872 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 100 2 3	05	11:38:00 S	18:38-GMT Er Gray whale (northbound) Position: 109° / 2,872 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 80 1 3	06	13:11:00 SV	20:11-GMT Sailboat (motor) - AF 403 (sail) Position: 113° / 2,553 m Dir: West	1 vessel
Fair 80 2 3	07	13:16:00 SC	20:16-GMT Tt Bottlenose dolphin Position: 119° / 1,369 m Dir: West; Behavior: Slow travel • Milling	Total 5 — 0 Calves at sighting
Fair 80 2 3	08	13:40:00 SC	20:40-GMT Tt Bottlenose dolphin Position: 120° / 1,019 m Dir: West; Behavior: Slow travel • Milling	Total 4 — 1 Calf at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	70	0	3	
	09	16:20:00 S	23:20-GMT Er Gray whale (northbound) Position: 116° / 1,228 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	70	0	3	
		17:00:00 T	0:00; 4/3/2007-GMT	
<hr/>				
Apr 03	Day 65 of 105			
	CCvr	Bft	Vis	
Poor	100	1	2	
		9:00:00 PDT B	16:00-GMT <i>Fog - no contrast - variable light</i> <i>NOTE: No Vessel Log until 13:00.</i>	
Poor	100	0	2	
	01	11:21:00 S	18:21-GMT Er Gray whale (northbound) Position: 128° / 761 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	0	2	
	02	12:06:00 S	19:06-GMT Er Gray whale (northbound) Position: 137° / 1,228 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	100	0	2	
	03	13:03:00 SV	20:03-GMT Sailboat (motor) - Position: 251° / 1,778 m Dir: East	1 vessel
Poor	100	0	2	
	04	13:44:00 SV	20:44-GMT Private - Position: 105° / 1,546 m Dir: West <i>16' Dauntless - through kelp fast</i>	1 vessel
Poor	100	0	2	
	05	13:59:00 SC	20:59-GMT Tt Bottlenose dolphin Position: 232° / 551 m Dir: East; Behavior: Slow travel • Milling <i>Weather: Low contrast</i>	Total 6 — 0 Calves at sighting
Poor	100	0	2	
	06	14:11:00 SV	21:11-GMT Helicopter - N____ blue + white Position: 179° / 800 m Dir: West	1 vessel
Poor	100	0	2	
	07	14:41:00 SV	21:41-GMT Whale watching - Condor Express Position: 264° / 3,288 m Dir: South	1 vessel
Fair	25	1	3	
	08	15:25:00 S	22:25-GMT Er Gray whale (northbound) Position: 166° / 551 m Dir: West; Behavior: Slow travel <i>Shy whale</i> <i>Weather: fog cleared, but thick haze</i>	Total 1 — 0 Calves at sighting
Fair	0	1	3	
	09	16:25:00 SV	23:25-GMT Dive-research - UCSB: seep monitor Position: 259° / 1,228 m Dir: East <i>green</i>	1 vessel
Fair	0	1	3	
		17:00:00 T	0:00; 4/4/2007-GMT	
<hr/>				
Apr 04	Day 66 of 105			
	CCvr	Bft	Vis	
Poor	100	1	.5	
		9:00:00 PDT B	16:00-GMT <i>Fog - low contrast - can't see to the right (west) of buoys - Holly very faint</i>	
Poor	100	1	.5	
		9:00:00 PDT T	16:00-GMT <i>Waited in Time Out until 10:00 - visibility 500 meters - Returned @ 13:00 - no better</i>	

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type			
					Code				
Apr 05	Day 67 of 105								
	CCvr	Bft	Vis						
Poor	100	1	2		9:00:00 PDT B	16:00-GMT			
							<i>Dark - no contrast to east - low clouds</i>		
Poor	100	0	2	01	9:50:00 PDT SC	16:50-GMT Mn Humpback whale		Total 2 — 0 Calves at sighting	
						Position: 200° / 4,712 m Dir: Stationary; Behavior: Pec slap			
Poor	100	1	2	02	10:59:00 SC	17:59-GMT Tt Bottlenose dolphin		Total 8 — 0 Calves at sighting	
						Position: 250° / 639 m Dir: East; Behavior: Slow travel			
Poor	90	0	2	03	11:40:00 S	18:40-GMT Er Gray whale (northbound)		Total 2 — 1 Calf at sighting	
						Position: 109° / 2,094 m Dir: West; Behavior: Slow travel			
Poor	90	0	2	04	12:35:00 S	19:35-GMT Er Gray whale (northbound)		Total 2 — 1 Calf at sighting	
						Position: 163° / 578 m Dir: West; Behavior: not indicated			
Poor	90	0	2	05	12:51:00 SC	19:51-GMT Tt Bottlenose dolphin		Total 8 — 0 Calves at sighting	
						Position: 139° / 527 m Dir: West; Behavior: Slow travel <i>2 distinct groups, possibly feeding</i>			
Fair	80	2	3	06	12:57:00 S	19:57-GMT Er Gray whale (northbound)		Total 1 — 0 Calves at sighting	
						Position: 181° / 2,872 m Dir: West; Behavior: Slow travel			
Fair	80	2	3	07	13:29:00 SV	20:29-GMT Oil services - Crew Boat		1 vessel	<i>Images: 5934-6</i>
						Position: 263° / 1,778 m Dir: East <i>conducting seep tour</i>			
Fair	80	2	3	08	13:47:00 SV	20:47-GMT Private -		1 vessel	
						Position: 199° / 2,094 m Dir: East			
Fair	80	2	3	09	13:57:00 SV	20:57-GMT Helicopter -		1 vessel	
						Position: 104° / 600 m Dir: West <i>over our heads</i>			
Fair	80	2	3	10	14:10:00 SV	21:10-GMT Fish-trap-commercial - L68347		1 vessel	
						Position: 164° / 607 m Dir: East			
Fair	80	2	3	11	14:49:00 SV	21:49-GMT Oil services - Crew Boat		1 vessel	
						Position: 239° / 2,872 m Dir: East			
Fair	80	2	3	12	15:02:00 SV	22:02-GMT Private -		1 vessel	
						Position: 241° / 639 m Dir: East <i>teal hull - maybe a class?</i>			
Fair	80	2	3	13	15:11:00 SC	22:11-GMT Tt Bottlenose dolphin		Total 6 — 0 Calves at sighting	
						Position: 135° / 761 m Dir: Stationary; Behavior: not indicated <i>possibly feeding</i>			
Fair	80	2	3	14	15:37:00 SV	22:37-GMT Oil services - Crew Boat		1 vessel	
						Position: 284° / 3,288 m Dir: South <i>turned west</i>			
Fair	80	2	3	15	15:56:00 SV	22:56-GMT Whale watching - Condor Express		1 vessel	
						Position: 102° / 2,872 m Dir: West <i>Just left whales not yet sighted</i>			

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	80	2	3	
	16	16:30:00 S	23:30-GMT Er Gray whale (northbound) Position: 159° / 551 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	80	2	3	
	17	16:44:00 SV	23:44-GMT Dive-research - UCSB: seep monitor Position: 261° / 2,553 m Dir: East	1 vessel
Fair	80	2	3	
	18	16:52:00 SC	23:52-GMT ULW unidentified large whale Position: 96° / 3,288 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	80	2	3	
		17:00:00 T	0:00; 4/6/2007-GMT <i>We saw thousands of Brants - a few Loons - and some strings of Surf Scoters - In two Brant groups, there were Surf Scoters.</i>	

Apr 06 Day 68 of 105

CCvr Bft Vis

Poor	100	1	2	
		9:00:00 PDT B	16:00-GMT <i>Dark, foggy, very low contrast - shifting light - horizon not distinct</i>	
Poor	100	1	2	
	01	9:00:00 PDT SV	16:00-GMT Oil services - Crew Boat Position: 287° / 3,288 m Dir: South	1 vessel
Poor	100	1	2	
	02	9:02:00 PDT SV	16:02-GMT Sportfish-private - Position: 119° / 1,778 m Dir: West <i>white</i>	1 vessel
Poor	100	1	2	
	03	9:38:00 PDT SV	16:38-GMT Whale watching - Condor Express Position: 112° / 1,778 m Dir: West	1 vessel
Poor	100	1	2	
	04	10:09:00 SV	17:09-GMT Sportfish-private - Position: 109° / 2,094 m Dir: West	1 vessel
Poor	100	2	2	
	05	11:24:00 SV	18:24-GMT Sailboat - Malolo Position: 260° / 1,113 m Dir: East <i>double outrigger - white + red</i>	1 vessel
Poor	100	2	2	
	06	11:36:00 SV	18:36-GMT Fish-trap-commercial - L77293 Position: 123° / 1,546 m Dir: West	1 vessel
Poor	100	2	2	
	07	13:20:00 S	20:20-GMT Er Gray whale (northbound) Position: 213° / 1,294 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Poor	100	2	2	
	08	14:45:00 SV	21:45-GMT Oil services - Crew Boat Position: 234° / 2,872 m Dir: Stationary	1 vessel
Poor	100	2	2	
	09	15:24:00 SV	22:24-GMT Sportfish-private - Position: 236° / 2,553 m Dir: East <i>small, blue cover - maybe "Parter 7" or "Parker 7"</i>	1 vessel
Poor	100	2	2	
	10	15:35:00 SC	22:35-GMT Tt Bottlenose dolphin Position: 127° / 1,019 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor	100	2	2	
	11	15:48:00 SV	22:48-GMT Sportfish-commercial - Stardust Position: 275° / 2,872 m Dir: East	1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	100	2 2	12 15:48:00 SV 22:48-GMT Fish-trap-commercial - L13127 Position: 271° / 2,872 m Dir: East	1 vessel
Poor	100	2 2	13 16:01:00 S 23:01-GMT Er Gray whale (northbound) Position: 129° / 1,228 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	100	2 2	14 16:40:00 SV 23:40-GMT Whale watching - Condor Express Position: 289° / 2,872 m Dir: West	1 vessel
Poor	100	2 2	15 16:42:00 SV 23:42-GMT Oil services - Crew Boat Position: 282° / 4,712 m Dir: South	1 vessel
Poor	100	2 2	16 16:55:00 SV 23:55-GMT Fish-trap-commercial - Position: 193° / 3,288 m Dir: East	1 vessel
Poor	100	2 2	17 16:59:00 S 23:59-GMT Er Gray whale (northbound) Position: 127° / 871 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	2 2	18 17:04:00 SV 0:04; 4/7/2007-GMT Sportfish-private - Grady White Position: 184° / 551 m Dir: East	1 vessel
Poor	100	2 2	17:07:00 T 0:07; 4/7/2007-GMT	

Apr 07 Day 69 of 105

	CCvr	Bft	Vis		
Fair	90	1	3	9:00:00 PDT B	16:00-GMT <i>Patches of 1 Beaufort</i>
Fair	90	1	3	01 9:05:00 PDT SV	16:05-GMT Oil services - Crew Boat Position: 292° / 4,712 m Dir: North 1 vessel
Fair	90	1	3	02 9:31:00 PDT SO	16:31-GMT El Southern Sea otter Position: 237° / 404 m Dir: Stationary; Behavior: in kelp • on back, feeding <i>Eating urchin</i> Total 1 — 0 Pups at sighting
Fair	90	1	3	03 9:39:00 PDT SV	16:39-GMT Whale watching - Condor Express Position: 106° / 2,094 m Dir: West 1 vessel
Fair	70	1	3	04 9:52:00 PDT S	16:52-GMT Er Gray whale (northbound) Position: 144° / 715 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	70	1	3	05 10:23:00 SV	17:23-GMT Private - Position: 284° / 2,553 m Dir: <i>small, traveling very fast - possibly went right over Er (sighting #4)</i> 1 vessel
Fair	100	0	3	06 11:09:00 SV	18:09-GMT Private - Position: 119° / 3,288 m Dir: West 1 vessel
Fair	100	0	3	07 11:15:00 S	18:15-GMT Er Gray whale (northbound) Position: 177° / 607 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	100	0	3	08 11:37:00 SV	18:37-GMT Private - Position: 117° / 1,546 m Dir: West <i>2-man boat</i> 1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type		
Fair	100	1	3	09 11:56:00 SV 18:56-GMT Dive-commercial - 13143 Position: 114° / 1,778 m Dir: West <i>urchin divers - through kelp</i>	1 vessel
Fair	60	1	3	10 12:37:00 SV 19:37-GMT Whale watching - Condor Express Position: 109° / 2,094 m Dir: West <i>After sighting #7, last seen by us @ 11:27</i>	1 vessel
Fair	30	1	3	11 13:12:00 SC 20:12-GMT Tt Bottlenose dolphin Position: 208° / 495 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	30	1	3	12 13:30:00 SV 20:30-GMT Sportfish-private - Position: 226° / 840 m Dir: East <i>white with fishing rods</i>	1 vessel
Fair	30	1	3	13 13:32:00 S 20:32-GMT Er Gray whale (northbound) Position: 118° / 2,553 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	30	1	3	14 13:40:00 SV 20:40-GMT Sportfish-private - Position: 226° / 840 m Dir: East <i>white hull, blue top</i>	1 vessel
Fair	30	1	3	15 13:54:00 SV 20:54-GMT Jet ski - Position: 149° / 675 m Dir: West <i>Actually a RHIB (one of two) the third (sighting #17) was a jet ski. All three very fast and reckless. Traveled over whale and probably did not know animal was there.</i>	1 vessel <i>Images: 5957-74</i>
Fair	30	1	3	16 13:54:00 SV 20:54-GMT Jet ski - Position: 174° / 551 m Dir: West <i>Actually a RHIB (one of two) the third (sighting #17) was a jet ski. All three very fast and reckless. Traveled over whale and probably did not know animal was there.</i>	1 vessel <i>Images: 5957-74</i>
Fair	30	1	3	17 13:54:00 SV 20:54-GMT Jet ski - Position: 209° / 551 m Dir: West <i>Traveling in group with 2 RHIBs (sighting #15 + 16). All three very fast and reckless. Traveled over whale and probably did not know animal was there.</i>	1 vessel <i>Images: 5957-74</i>
Fair	30	1	3	18 14:00:00 SC 21:00-GMT Tt Bottlenose dolphin Position: 209° / 551 m Dir: East; Behavior: Slow travel • Milling	Total 5 — 0 Calves at sighting
Excellent	10	2	5	19 14:38:00 SV 21:38-GMT Sportfish-private - Position: 224° / 623 m Dir: East <i>white, fishing poles sticking up - probably sighting #12</i>	1 vessel
Excellent	5	2	5	20 16:14:00 SV 23:14-GMT Helicopter - Position: 179° / 600 m Dir: East <i>flying low above kelp</i>	1 vessel
Excellent	5	2	5	21 16:34:00 SV 23:34-GMT Oil services - Crew Boat Position: 269° / 3,288 m Dir: South	1 vessel
Excellent	5	2	5	17:00:00 T 0:00; 4/8/2007-GMT	

All Sighting Numbers, Raw

			Number	Time	Species / Vessel Type		
				Code			
Apr 08	Day 70 of 105						
	CCvr	Bft	Vis				
Poor	100	0	1.7		9:00:00 PDT B	16:00-GMT	
							<i>Heavy cloud cover - no contrast - everything gray - can't see horizon in some areas</i>
							<i>Dead whale from yesterday is now on beach at Isla Vista. It is a sperm whale (Pm) - IMAGES: 6015-63 -</i>
Poor	100	0	1.7	01	9:30:00 PDT SV	16:30-GMT Sportfish-private - Position: 102° / 3,288 m Dir: West	1 vessel
Poor	100	0	1.7	02	9:36:00 PDT SV	16:36-GMT Whale watching - Condor Express Position: 101° / 2,553 m Dir: West	1 vessel
Poor	100	0	1.7	03	9:37:00 PDT SO	16:37-GMT El Southern Sea otter Position: 169° / 302 m Dir: Stationary; Behavior: Swimming • in open water	Total 1 — 0 Pups at sighting
Poor	100	0	1.7	04	10:03:00 SV	17:03-GMT Private - Position: 244° / 3,288 m Dir: East <i>private yacht</i>	1 vessel
							<i>Weather: Visibility decreased in some areas.</i>
Poor	100	1	2	05	10:50:00 S	17:50-GMT Er Gray whale (northbound) Position: 230° / 527 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	1	2	06	11:24:00 SV	18:24-GMT Sportfish-private - Position: 203° / 2,094 m Dir: East	1 vessel
Poor	100	1	3	07	12:08:00 SV	19:08-GMT Sailboat (motor) - Position: 131° / 3,288 m Dir: West <i>Weather : Better visibility except at Campus Point.</i>	1 vessel
Poor	100	1	3	08	12:43:00 SV	19:43-GMT Whale watching - Condor Express Position: 102° / 3,288 m Dir: West	1 vessel
Fair	100	3	4	09	13:27:00 S	20:27-GMT Er Gray whale (northbound) Position: 133° / 2,553 m Dir: West; Behavior: Slow travel <i>NOTE: Condor identified this as a cow/calf pair. Partly because of the position of the boat, we never saw a second animal.</i>	Total 1 — 0 Calves at sighting
Poor	60	4	3	10	14:09:00 SV	21:09-GMT Private - Position: 226° / 2,872 m Dir: Stationary <i>near whale(s) sighting #9 - began to follow Condor</i>	1 vessel
Poor	60	5	3		14:40:00 TO	21:40-GMT	
Poor	60	5	3	11	14:43:00 SV	21:43-GMT Private - Position: 234° / 2,553 m Dir: East <i>white with canopy - may be fishing</i>	1 vessel
							<i>Off-Effort</i>
Poor	15	4	2		15:15:00 TI	22:15-GMT	
Good	30	3	4	12	16:04:00 S	23:04-GMT Er Gray whale (northbound) Position: 165° / 715 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	30	3	4	13 16:12:00 SV 23:12-GMT Oil services - Tug (small) Julie Position: 231° / 3,288 m Dir: East 1 vessel
Good	30	3	4	14 16:21:00 SV 23:21-GMT Whale watching - Condor Express Position: 102° / 2,553 m Dir: West <i>on whales not yet sighted (sighting #15) - The boat turned and did not come past Campus Point.</i> 1 vessel
Good	30	3	4	15 16:37:00 S 23:37-GMT Er Gray whale (northbound) Position: 112° / 1,778 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Good	30	3	4	17:00:00 T 0:00; 4/9/2007-GMT
Apr 09 Day 71 of 105				
	CCvr	Bft	Vis	
Poor	35	2	2	9:00:00 PDT B 16:00-GMT <i>A lot of glare east - haze all around</i>
Poor	35	2	2	01 9:03:00 PDT SV 16:03-GMT Sailboat (motor) - Wahoo Position: 239° / 1,019 m Dir: West <i>sailboat catamaran under power</i> 1 vessel
Poor	35	2	2	02 9:04:00 PDT SV 16:04-GMT Barge/tug - Oil barge + tug (CF) Position: 273° / 1,113 m Dir: Stationary <i>In place between buoys with small tug and observation vessel</i> 1 vessel <i>Images: 6083-4; 6092-7; 6101-5; 6110</i>
Poor	35	2	2	03 9:06:00 PDT SV 16:06-GMT Fish-commercial - Position: 117° / 2,872 m Dir: West <i>white hull with black diagonal stripes - beyond kelp</i> 1 vessel
Poor	35	2	2	04 9:41:00 PDT SV 16:41-GMT Oil services - Crew Boat Position: 242° / 2,872 m Dir: South 1 vessel
Poor	35	2	2	05 9:52:00 PDT SV 16:52-GMT Dive-commercial - 12952 Tommy Lynn Position: 105° / 2,553 m Dir: West <i>urchin diver?</i> 1 vessel
Fair	5	1	3	06 11:53:00 SV 18:53-GMT Oil services - Crew Boat Position: 247° / 2,872 m Dir: South 1 vessel
Fair	0	3	3	07 12:18:00 SV 19:18-GMT Fish-trap-commercial - L68347 Position: 238° / 1,019 m Dir: East 1 vessel
Fair	0	4	3	08 13:25:00 SV 20:25-GMT Helicopter - Position: 184° / 100 m Dir: West 1 vessel <i>Images: 6085-6</i>
Fair	0	4	3	09 13:51:00 SV 20:51-GMT Whale watching - Condor Express Position: 102° / 2,094 m Dir: West 1 vessel
Fair	0	4	3	10 13:55:00 SC 20:55-GMT Tt Bottlenose dolphin Position: 128° / 715 m Dir: Stationary; Behavior: Milling Total 3 — 0 Calves at sighting
Fair	0	4	3	11 14:17:00 SC 21:17-GMT Tt Bottlenose dolphin Position: 146° / 578 m Dir: Stationary; Behavior: Milling Total 3 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	4	3	
	12	14:40:00 SV	21:40-GMT Oil services - Crew Boat Position: 253° / 2,872 m Dir: East	1 vessel
Poor	0	6	3	
		14:49:00 T	21:49-GMT <i>Actually a 7 Beaufort - no let up</i>	
<hr/>				
Apr 10	Day 72 of 105			
	CCvr	Bft	Vis	
Fair	0	1	3	
		9:00:00 PDT B	16:00-GMT <i>Haze - glare east</i>	
Fair	0	1	3	
	01	9:00:00 PDT SV	16:00-GMT Barge/tug - Oil barge + tug (CF) Position: 229° / 2,553 m Dir: South <i>just tug and barge leaving scene</i>	1 vessel
Fair	0	1	3	
	02	9:00:00 PDT SV	16:00-GMT Oil services - Crew Boat Position: 237° / 2,872 m Dir: Stationary <i>at Holly buoy</i>	1 vessel
Fair	0	1	3	
	03	9:01:00 PDT SV	16:01-GMT Oil services - UCSB: barge observation Position: 269° / 1,546 m Dir: East <i>leaving scene</i>	1 vessel <i>Images: 6125-6</i>
Fair	0	1	3	
	04	9:01:00 PDT SV	16:01-GMT Oil services - Tug (small) Julie Position: 284° / 3,288 m Dir: West <i>leaving scene</i>	1 vessel <i>Images: 6127</i>
Fair	0	2	3	
	05	9:54:00 PDT SV	16:54-GMT Private - Position: 118° / 939 m Dir: West <i>maybe commercial? - CF 2 ___ maybe 28? - traveled recklessly through kelp</i>	1 vessel <i>Images: 6128-33</i>
Fair	0	2	2	
	06	10:08:00 SV	17:08-GMT Helicopter - Position: 154° / 600 m Dir: East <i>< 100 feet high</i>	1 vessel <i>Images: 6134</i>
			<i>Weather: Haze persists - east 2 nm visibility - all else 3 nm</i>	
Poor	0	3	2	
	07	10:17:00 S	17:17-GMT Er Gray whale (northbound) Position: 156° / 675 m Dir: West; Behavior: Slow travel <i>large + small bodies after blow - disappeared</i>	Total 2 — 0 Calves at sighting
			<i>Weather: more haze east + south</i>	
Poor	0	3	2	
	08	11:01:00 S	18:01-GMT Er Gray whale (northbound) Position: 105° / 2,094 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	0	3	3	
	09	11:40:00 S	18:40-GMT Er Gray whale (northbound) Position: 162° / 812 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0	3	3	
	10	11:58:00 S	18:58-GMT Er Gray whale (northbound) Position: 139° / 871 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0	1	3	
	11	13:10:00 SV	20:10-GMT Fish-trap-commercial - L77293 Position: 224° / 1,369 m Dir: Stationary	1 vessel
Fair	0	1	3	
	12	13:19:00 SV	20:19-GMT Whale watching - Condor Express Position: 109° / 2,553 m Dir: West <i>Turned around and left area</i>	1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	0	3	13 13:52:00 SV 20:52-GMT Private - Position: 289° / 1,778 m Dir: East center console <i>Weather: Haze in distance.</i> 1 vessel
Good	0	0	3	14 14:37:00 SV 21:37-GMT Oil services - Crew Boat Position: 264° / 3,288 m Dir: South 1 vessel
Good	0	0	3	15 14:48:00 S 21:48-GMT Er Gray whale (northbound) Position: 236° / 639 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	0	0	3	16 14:58:00 SV 21:58-GMT Sportfish-private - Position: 134° / 1,113 m Dir: West 1 vessel
Good	0	0	3	17 15:01:00 SV 22:01-GMT Helicopter - N____ blue + white Position: 154° / 800 m Dir: West 1 vessel
Good	0	0	3	18 15:12:00 SV 22:12-GMT Barge/tug - Position: 256° / 2,553 m Dir: East <i>This is NOT the oil barge - there was a crane on the barge</i> 1 vessel <i>Images: 6141-4</i>
Good	0	1	3	19 15:40:00 SV 22:40-GMT Whale watching - Condor Express Position: 129° / 715 m Dir: East 1 vessel
Good	0	1	4	17:00:00 T 0:00; 4/11/2007-GMT

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CCvr Bt Vis

Fair 0 2 3

9:00:00 PDT 16:00-GMT
B
Hazy at horizon - a lot of glare to east

Fair 0 3 3

01 9:03:00 PDT 16:03-GMT
S
Er Gray whale (northbound) Total 2 — 1 Calf at sighting
Position: 118° / 1,778 m Dir: West; Behavior: Slow travel

Fair 0 3 3

02 9:37:00 PDT 16:37-GMT
SV
Dive-research - UCSB: seep monitor 1 vessel
Position: 269° / 1,113 m Dir: East

Fair 0 3 3

03 9:45:00 PDT 16:45-GMT
SV
Whale watching - Condor Express 1 vessel
Position: 106° / 2,553 m Dir: West

Fair 0 3 3

04 9:46:00 PDT 16:46-GMT
SV
Oil services - Crew Boat 1 vessel
Position: 282° / 3,288 m Dir: South

Fair 0 3 3

05 9:47:00 PDT 16:47-GMT
SV
Oil services - Crew Boat 1 vessel
Position: 276° / 3,288 m Dir: North

Fair 0 3 3

06 10:01:00 SV
17:01-GMT
Dive-commercial - 40526 1 vessel
Position: 127° / 1,546 m Dir: West
probably urchin diver

Fair 0 3 3

07 10:34:00 SV
17:34-GMT
Oil services - Crew Boat 1 vessel
Position: 276° / 3,288 m Dir: South
turned west

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	3	3	
	08	11:09:00 SV	18:09-GMT Oil services - Crew Boat Position: 239° / 2,872 m Dir: South	1 vessel
Poor	0	6	3	
		11:10:00 T	18:10-GMT <i>Large swells - very choppy - very windy - 6+</i>	
<hr/>				
Apr 12	Day 74 of 105			
	CCvr	Bft	Vis	
Poor	10	5	5	
		9:00:00 PDT B	16:00-GMT <i>Very windy from northwest - choppy - lots of spray - glare east</i>	
			<i>CONSIDER THROWING THIS DAY OUT...</i>	
Poor	10	6	5	
		9:16:00 PDT T	16:16-GMT <i>During Time Out saw about 10 Tts + 1 El - many gusts stronger than Beaufort 6</i>	
<hr/>				
Apr 13	Day 75 of 105			
	CCvr	Bft	Vis	
Good	0	2	4	
		9:00:00 PDT B	16:00-GMT	
Good	0	2	4	
	01	9:04:00 PDT SC	16:04-GMT Tt Bottlenose dolphin Position: 118° / 1,019 m Dir: West; Behavior: Slow travel	Total 8 — 0 Calves at sighting
Good	0	2	4	
	02	9:09:00 PDT SV	16:09-GMT Kelp harvester - Position: 97° / 2,094 m Dir: Stationary	1 vessel
Good	0	2	4	
	03	9:17:00 PDT SV	16:17-GMT Fish-commercial - Position: 110° / 2,872 m Dir: West	1 vessel
Good	0	2	4	
	04	9:19:00 PDT SV	16:19-GMT Fish-trap-commercial - L68347 Position: 102° / 2,553 m Dir: West	1 vessel
Good	0	2	4	
	05	9:44:00 PDT SV	16:44-GMT Whale watching - Condor Express Position: 97° / 2,872 m Dir: West	1 vessel
Fair	0	0	3	
	06	10:01:00 SV	17:01-GMT Oil services - Crew Boat Position: 233° / 2,553 m Dir: Stationary	1 vessel
Fair	0	0	3	
	07	10:25:00 SC	17:25-GMT Lo Pacific White-sided dolphin Position: 157° / 2,872 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	0	0	3	
	08	10:26:00 S	17:26-GMT Er Gray whale (northbound) Position: 110° / 2,094 m Dir: West; Behavior: Slow travel <i>2 blows in beginning of sighting - after that, no blows - just bodies close to surface</i>	Total 2 — 1 Calf at sighting <i>Images: none</i>
Good	5	0	4	
	09	11:28:00 SV	18:28-GMT Helicopter - N343AA Gray+white Position: 189° / 600 m Dir: East <i>< 100 feet altitude</i>	1 vessel
Good	5	0	4	
	10	11:34:00 SV	18:34-GMT Airplane - N124WD PATROL Position: 104° / 400 m Dir: West <i>over kelp - between 100 - 150 feet altitude</i>	1 vessel
Good	5	0	4	
	11	11:38:00 SV	18:38-GMT Oil services - Crew Boat Position: 283° / 3,288 m Dir: South	1 vessel

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Good	5	0	4	12 11:48:00 SV	18:48-GMT Private - Position: 98° / 3,288 m Dir: West 1 vessel
Excellent	10	0	5	13 12:02:00 SV	19:02-GMT Helicopter - N343AA Gray+white Position: 106° / 1200 m Dir: West <i>Same as sighting #9 - 50 feet</i> 1 vessel
Excellent	10	0	5	14 12:23:00 SV	19:23-GMT Dive-research - UCSB: seep monitor Position: 255° / 1,369 m Dir: East 1 vessel
Good	10	1	5	17:00:00 T	0:00; 4/14/2007-GMT <i>NOAA ship bearing 148° (true) @ horizon heading SW</i> <i>Likely Scripps's CALCOFI cruise</i>

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CCvr Bft Vis

Fair	95	1	3	9:00:00 PDT B	16:00-GMT	
Fair	95	1	3	01 9:22:00 PDT SC	16:22-GMT Tt Bottlenose dolphin Position: 116° / 715 m Dir: West; Behavior: Slow travel	Total 7 — 0 Calves at sighting
Fair	95	1	3	02 9:23:00 PDT SO	16:23-GMT El Southern Sea otter Position: 114° / 1,778 m Dir: Stationary; Behavior: in open water • Grooming	Total 1 — 0 Pups at sighting
Fair	95	1	3	03 9:43:00 PDT S	16:43-GMT Er Gray whale (northbound) Position: 107° / 3,288 m Dir: West; Behavior: Slow travel • Fluke <i>Thought it could be a cow/calf pair, but apparently it was a juvenile, not a calf.</i>	Total 2 — 0 Calves at sighting <i>Images: none</i>
Fair	95	1	3	04 9:47:00 PDT SV	16:47-GMT Whale watching - Condor Express Position: 113° / 2,553 m Dir: West	1 vessel
Fair	95	1	3	05 10:39:00 SV	17:39-GMT Sportfish-private - Position: 110° / 2,094 m Dir: West	1 vessel
Fair	100	1	3	06 11:13:00 SC	18:13-GMT Tt Bottlenose dolphin Position: 246° / 302 m Dir: East; Behavior: Fast travel	Total 9 — 0 Calves at sighting
Fair	100	1	3	07 11:17:00 SV	18:17-GMT Sailboat (motor) - Position: 105° / 2,872 m Dir: West <i>traveling slowly - white sail</i>	1 vessel
Fair	100	1	3	08 11:23:00 SV	18:23-GMT Sportfish-private - Position: 111° / 3,288 m Dir: West	1 vessel
Fair	100	1	3	09 12:33:00 S	19:33-GMT Er Gray whale (northbound) Position: 205° / 466 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair	100	2	3	10 12:52:00 SV	19:52-GMT Whale watching - Condor Express Position: 109° / 2,094 m Dir: West <i>Looking for sighting #9</i>	1 vessel
Fair	100	2	3	11 13:11:00 SC	20:11-GMT Tt Bottlenose dolphin Position: 252° / 288 m Dir: East; Behavior: not indicated	Total 7 — 0 Calves at sighting

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type	
					Code		
Poor	100	6	3		15:49:00	22:49-GMT	
					T	<i>6+ Beaufort - kite surfers to east</i>	
						<i>At 09:32 92°/horizon NOAA ship, CALCOFI cruise heading west</i>	
<hr/>							
Apr 15		Day 77 of 105					
	CCvr	Bft	Vis				
Poor	0	6	4		9:00:00 PDT	16:00-GMT	
					B	<i>VERY WINDY - STRONGER THAN 6 BEAUFORT GUSTS - GALE WARNINGS</i>	
Poor	0	6	4		9:00:00 PDT	16:00-GMT	
					T		
<hr/>							
Apr 16		Day 78 of 105					
	CCvr	Bft	Vis				
Poor	0	2	3		9:00:00 PDT	16:00-GMT	
					B	<i>Low sun - haze - difficult to distinguish horizon</i>	
Poor	0	2	3	01	9:12:00 PDT	16:12-GMT	
					SV	Kelp harvester -	1 vessel
						Position: 98° / 2,553 m Dir: South	
Poor	0	3	3	02	9:20:00 PDT	16:20-GMT	
					SV	Oil services - Crew Boat	1 vessel
						Position: 240° / 2,872 m Dir: South	
Poor	0	3	3	03	10:23:00	17:23-GMT	
					SV	Dive-commercial - 40589	1 vessel
						Position: 105° / 3,288 m Dir: West	
Poor	0	2	3	04	10:57:00	17:57-GMT	
					SV	Oil services - Crew Boat	1 vessel
						Position: 277° / 3,288 m Dir: South	
Poor	0	2	3	05	11:38:00	18:38-GMT	
					SV	Oil services - Crew Boat	1 vessel
						Position: 254° / 2,872 m Dir: South	
Fair	5	2	3	06	12:01:00	19:01-GMT	
					S	Er Gray whale (northbound)	Total 1 — 0 Calves at sighting
						Position: 165° / 812 m Dir: West; Behavior: Slow travel	
Fair	5	2	3	07	12:18:00	19:18-GMT	
					SV	Oil services - Crew Boat	1 vessel
						Position: 233° / 2,553 m Dir: Stationary	
Fair	5	1	2	08	13:36:00	20:36-GMT	
					SV	Helicopter - N____ Red with white	1 vessel
						Position: 149° / 800 m Dir:	
						<i>< 100 feet</i>	
Fair	5	1	2	09	13:37:00	20:37-GMT	
					SV	Fish-trap-commercial - L77293	1 vessel
						Position: 103° / 1,778 m Dir: West	
Fair	5	1	2	10	13:54:00	20:54-GMT	
					SV	Oil services - Crew Boat	1 vessel
						Position: 139° / 2,872 m Dir: West	
Fair	5	1	2	11	14:34:00	21:34-GMT	
					SV	Oil services - Crew Boat	1 vessel
						Position: 259° / 2,872 m Dir: East	
Fair	30	1	2	12	14:39:00	21:39-GMT	
					SV	Oil services - Crew Boat	1 vessel
						Position: 264° / 3,288 m Dir: East	

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	30	1	2	17:00:00 T <i>A group of approximately 200 sea lions @15:34, swimming southeast.</i> <i>Where are the whales?</i>
<hr/>				
Apr 17 Day 79 of 105				
	CCvr	Bft	Vis	
Poor	100	0	1.7	9:00:00 PDT B <i>Fog - horizon not always visible - no contrast - uneven light</i>
Poor	100	0	1.7	01 9:03:00 PDT SC Tt Bottlenose dolphin Position: 198° / 281 m Dir: East; Behavior: Slow travel Total 4 — 0 Calves at sighting
Poor	100	0	2	02 11:49:00 SO El Southern Sea otter Position: 210° / 224 m Dir: East; Behavior: Swimming • in kelp Total 1 — 0 Pups at sighting
Fair	30	0	3	03 12:32:00 S Er Gray whale (northbound) Position: 106° / 2,872 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting <i>Images: none</i>
Fair	30	0	3	04 13:01:00 S Er Gray whale (northbound) Position: 260° / 1,369 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Poor	100	3	2	05 14:36:00 SC Tt Bottlenose dolphin Position: 146° / 433 m Dir: East; Behavior: not indicated Total 4 — 0 Calves at sighting
Poor	100	3	2	06 14:45:00 SO El Southern Sea otter Position: 122° / 232 m Dir: Stationary; Behavior: not indicated Total 1 — 0 Pups at sighting
Poor	100	3	2	07 15:29:00 S Er Gray whale (northbound) Position: 109° / 4,712 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting <i>Images: none</i>
Fair	0	2	2	17:00:00 T <i>Report from Condor @ 09:13: early morning Mn pec-slapping off IV - and from Harmony platform Oo attacking large, male sea lion</i>
<hr/>				
Apr 18 Day 80 of 105				
	CCvr	Bft	Vis	
Poor	0	5	5	9:00:00 PDT B <i>Glare in southeast - many white caps everywhere - islands clear</i>
Poor	0	5	5	01 9:03:00 PDT Off-Effort SV Dive-research - UCSB: seep monitor Position: 114° / 761 m Dir: Stationary <i>in kelp</i> 1 vessel
Poor	0	5	5	02 9:38:00 PDT Off-Effort SO El Sea otter Position: 143° / 578 m Dir: Stationary; Behavior: with gull(s) • in kelp • on back, feeding <i>in kelp - gulls harassing - eating an urchin</i> Total 1 — 0 Pups at sighting
Poor	0	5	5	03 9:40:00 PDT Off-Effort SV Oil services - Crew Boat Position: 254° / 2,872 m Dir: South 1 vessel
Poor	0	6	5	10:00:00 T <i>glare blankets southeast - high wind, getting higher</i> <i>Adjusted: No Survey Time — All Off-Effort</i>

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type	
					Code		
Apr 19 Day 81 of 105							
	CCvr	Bft	Vis				
Good	0	2	5		9:00:00 PDT B	16:00-GMT <i>Some glare east</i>	
						<i>NOTE: No Vessel Log until 11:00.</i>	
Good	0	2	5	01	9:11:00 PDT SV	16:11-GMT Kelp harvester - Position: 100° / 2,553 m Dir: South <i>Left area @ 09:54 heading east</i>	1 vessel
Good	0	2	5	02	9:23:00 PDT SO	16:23-GMT El Southern Sea otter Position: 131° / 607 m Dir: Stationary; Behavior: in open water • on back, feeding <i>eating lobster</i>	Total 1 — 0 Pups at sighting
						<i>NOTE: Very near patch of oil in water</i>	
Good	0	0	5	03	10:49:00 SV	17:49-GMT Oil services - Crew Boat Position: 270° / 3,288 m Dir: South	1 vessel
Good	0	0	5	04	12:15:00 SV	19:15-GMT Oil services - Crew Boat Position: 279° / 3,288 m Dir: South	1 vessel
Good	15	2	5	05	13:13:00 SV	20:13-GMT Sportfish-commercial - Stardust Position: 239° / 3,288 m Dir: East	1 vessel
Poor	50	6	3		14:12:00 T	21:12-GMT	
Apr 20 Day 82 of 105							
	CCvr	Bft	Vis				
Good	90	2	6		9:00:00 PDT B	16:00-GMT <i>Dark, especially east - clarity and contrast for now.</i>	
						<i>Snow on the mountains behind us (to the north)</i>	
Good	90	2	6	01	9:57:00 PDT S	16:57-GMT Er Gray whale (northbound) Position: 100° / 10000 m Dir: West; Behavior: Slow travel <i>Actually saw blows initially, twenty minutes earlier - extraordinary conditions at that bearing: Dark, but backlit - blows visible at astonishing distance. Called Condor at 10:00 and Mat could not believe it. They found the whale a few minutes after rounding Santa Barbara Point.</i>	Total 1 — 0 Calves at sighting
Good	60	1	6	02	10:25:00 SC	17:25-GMT Tt Bottlenose dolphin Position: 172° / 252 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	30	1	6	03	11:19:00 SV	18:19-GMT Fish-commercial - Position: 116° / 2,553 m Dir: West <i>Squid boat</i>	1 vessel
Good	30	1	6	04	11:45:00 S	18:45-GMT Er Gray whale (northbound) Position: 154° / 551 m Dir: West; Behavior: Slow travel <i>Snuck up - no blows until end - we had good looks - meandering in front of Point</i>	Total 2 — 1 Calf at sighting
							<i>Images: none</i>
Good	30	3	6	05	13:05:00 SC	20:05-GMT Mn Humpback whale Position: 167° / 12,565 m Dir: South; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Good	30	3	6	06	13:09:00 SC	20:09-GMT Tt Bottlenose dolphin Position: 134° / 527 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	60	4	4	
	07	13:33:00 SC	20:33-GMT Tt Bottlenose dolphin Position: 148° / 433 m Dir: West; Behavior: Slow travel <i>Very tightly bunched</i>	Total 12 — 2 Calves at sighting
			<i>Weather: Low contrast - choppy</i>	
Fair	60	4	4	
	08	13:48:00 S	20:48-GMT Er Gray whale (northbound) Position: 118° / 1,228 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	60	4	4	
	09	13:50:00 S	20:50-GMT Er Gray whale (northbound) Position: 169° / 433 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	60	4	4	
	10	14:40:00 SC	21:40-GMT Tt Bottlenose dolphin Position: 146° / 449 m Dir: West; Behavior: Slow travel	Total 7 — 0 Calves at sighting
Poor	50	6	4	
		15:20:00 T	22:20-GMT <i>Getting seriously windy!</i> <i>Adjusted for >B4</i>	
Poor	50	5	4	
	X	Off-Effort	11 15:32:00 SC	22:32-GMT Tt Bottlenose dolphin Position: 149° / 485 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting

Apr 21 Day 83 of 105

CCvr Bft Vis

Fair	0	3	4	
		9:00:00 PDT B	16:00-GMT <i>Defined horizon - some glare east - can see outline of islands - seems pretty clear</i>	
Fair	0	3	4	
	01	9:18:00 PDT SV	16:18-GMT Private - Position: 145° / 2,872 m Dir: West	1 vessel
Fair	0	3	4	
	02	9:29:00 PDT SV	16:29-GMT Oil services - Crew boat - Jackie C Position: 244° / 2,872 m Dir: South <i>a particular crew boat - perhaps the third one (usually there are just two - Unless the name of the boat is known (most cases not) the crew boats are just identified as "crew boat"</i>	1 vessel
Fair	0	4	4	
	03	9:56:00 PDT SV	16:56-GMT Private - Position: 119° / 3,288 m Dir: West	1 vessel
Fair	0	4	4	
	04	10:14:00 SV	17:14-GMT Helicopter - N____ Red with white Position: 243° / 400 m Dir: East	1 vessel
Fair	0	3	4	
	05	10:39:00 SV	17:39-GMT Research vessel - Solera Position: 255° / 1,019 m Dir: East	1 vessel
Fair	0	3	4	
	06	11:48:00 SV	18:48-GMT Private - Position: 109° / 1,778 m Dir: Stationary <i>a Boston Whaler + another boat together</i>	1 vessel
Fair	0	3	4	
	07	12:03:00 SV	19:03-GMT Sailboat (motor) - Position: 132° / 3,288 m Dir: West	1 vessel
Fair	0	3	4	
	08	12:21:00 S	19:21-GMT Er Gray whale (northbound) Position: 120° / 2,553 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair	0	3	4	
	09	12:27:00 SV	19:27-GMT Sailboat (motor) - Position: 118° / 2,553 m Dir: West	1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	3	4	10 13:00:00 SV 20:00-GMT Private - Position: 100° / 2,094 m Dir: West <i>Weather: good contrast</i> <i>NOTE: No more Vessel Log entries for today.</i> 1 vessel
Good	0	3	4	11 13:13:00 S 20:13-GMT Er Gray whale (northbound) Position: 104° / 2,094 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting <i>Images: 6225-31, 34</i>
Good	0	1	4	12 14:41:00 SC 21:41-GMT Tt Bottlenose dolphin Position: 178° / 336 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	85	0	3	13 15:49:00 S 22:49-GMT Er Gray whale (northbound) Position: 165° / 551 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	85	0	3	17:00:00 T 0:00; 4/22/2007-GMT
Apr 22 Day 84 of 105				
	CCvr	Bft	Vs	
Fair	100	0	4	9:00:00 PDT B 16:00-GMT <i>A lot of reflection - low contrast</i> <i>NOTE: No Vessel Log today.</i>
Fair	100	0	4	01 9:32:00 PDT S 16:32-GMT Er Gray whale (northbound) Position: 184° / 449 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	100	0	4	02 9:42:00 PDT SC 16:42-GMT Tt Bottlenose dolphin Position: 280° / 505 m Dir: East; Behavior: Slow travel Total 3 — 0 Calves at sighting
Poor	100	0	2	03 9:47:00 PDT S 16:47-GMT Er Gray whale (northbound) Position: 134° / 715 m Dir: West; Behavior: not indicated <i>Weather: Foggy rain</i> <i>Bad weather, but good looks at whales</i> Total 2 — 1 Calf at sighting <i>Images: none</i>
Poor	100	0	2	04 9:58:00 PDT S 16:58-GMT Er Gray whale (northbound) Position: 162° / 378 m Dir: West; Behavior: Slow travel <i>No blows - good looks</i> Total 2 — 1 Calf at sighting <i>Images: none</i>
Poor	100	0	1	10:48:00 TO 17:48-GMT <i>Visibility 1 nm to east and south</i>
Poor	100	0	1.7	11:08:00 TI 18:08-GMT
Poor	100	0	1	11:24:00 T 18:24-GMT <i>Hung around until 12:45 and conditions did not improve.</i> <i>NOTE: @ 11:25 what would have been sighting #5: 1- Er north, 0 calves (but there could have been a</i>
Poor	100	0	1	05 11:25:00 S 18:25-GMT Er Gray whale (northbound) Position: 164° / 300 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting <i>X Off-Effort</i>

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type		
					Code			
Apr 23	Day 85 of 105							
	CCvr	Bft	Vis					
Good	0	2	5		9:00:00 PDT B	16:00-GMT <i>Windy further out - slight glare - great contrast</i>		
Good	0	2	5	01	9:00:00 PDT SV	16:00-GMT Dive-commercial - 40790 Position: 148° / 356 m Dir: Stationary <i>urchin divers</i>	1 vessel	
Good	0	2	5	02	9:00:00 PDT S	16:00-GMT Er Gray whale (northbound) Position: 112° / 812 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting	<i>Images: none</i>
Good	0	2	5	03	9:20:00 PDT SV	16:20-GMT Oil services - Crew Boat Position: 288° / 3,288 m Dir: South	1 vessel	
Good	0	2	5	04	9:22:00 PDT SV	16:22-GMT Dive-research - UCSB: seep monitor Position: 107° / 1,778 m Dir: West	1 vessel	
Good	0	3	5	05	9:32:00 PDT SO	16:32-GMT El Southern Sea otter Position: 125° / 715 m Dir: East; Behavior: Swimming • in open water	Total 1 — 0 Pups at sighting	
Good	0	3	5	06	9:33:00 PDT SV	16:33-GMT Whale watching - Condor Express Position: 100° / 2,872 m Dir: West	1 vessel	
Good	0	3	5	07	9:55:00 PDT S	16:55-GMT Er Gray whale (northbound) Position: 113° / 1,546 m Dir: West; Behavior: Slow travel • Fluke <i>Spent a long time at Campus Point.</i>	Total 2 — 1 Calf at sighting	<i>Images: 6248-62</i>
						<i>Cow has mangled fluke, perhaps entanglement or orca attack (old incident). Sent images to Wayne</i>		
Good	0	3	5	08	10:31:00 SO	17:31-GMT El Southern Sea otter Position: 102° / 871 m Dir: Stationary; Behavior: in kelp • on back, feeding <i>Eating urchin - may be same otter as sighting #5</i>	Total 1 — 0 Pups at sighting	
Fair	0	4	4	09	11:15:00 SV	18:15-GMT Oil services - Crew Boat Position: 289° / 3,288 m Dir: South	1 vessel	
Fair	0	4	4	10	12:36:00 SV	19:36-GMT Whale watching - Condor Express Position: 100° / 2,872 m Dir: West	1 vessel	
Fair	0	3	4	11	13:17:00 SC	20:17-GMT Tt Bottlenose dolphin Position: 166° / 356 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting	
Fair	0	3	4	12	13:32:00 SC	20:32-GMT Tt Bottlenose dolphin Position: 228° / 551 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting	
Fair	0	4	3	13	14:24:00 SV	21:24-GMT Oil services - Crew Boat Position: 135° / 2,872 m Dir: West <i>from east - possibly Jackie C</i>	1 vessel	
Fair	0	4	3	14	14:28:00 S	21:28-GMT Er Gray whale (northbound) Position: 132° / 840 m Dir: West; Behavior: not indicated	Total 2 — 1 Calf at sighting	<i>Images: none</i>
Fair	0	3	3	15	14:44:00 S	21:44-GMT Er Gray whale (northbound) Position: 156° / 310 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting	<i>Images: none</i>

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	3	4	16 16:45:00 SV 23:45-GMT Oil services - Crew Boat Position: 276° / 3,288 m Dir: South 1 vessel
Good	0	3	4	17:00:00 T 0:00; 4/24/2007-GMT <i>@ 12:15 hundreds of terns (artic?) at Campus Point</i>
Apr 24 Day 86 of 105				
	CCvr	Bft	Vis	
Fair	0	1	3	9:00:00 PDT B 16:00-GMT <i>Haze, glare to east and south</i> <i>NOTE: No Vessel Log until 13:00 - see Comments at T for data on selected vessels prior to 13:00.</i>
Fair	0	1	3	01 9:07:00 PDT SC 16:07-GMT Tt Bottlenose dolphin Position: 115° / 1,019 m Dir: West; Behavior: Slow travel • Milling <i>Backlit blows</i> Total 12 — 2 Calves at sighting
Fair	0	1	3	02 9:46:00 PDT SO 16:46-GMT El Southern Sea otter Position: 125° / 675 m Dir: Stationary; Behavior: in open water • on back, resting Total 1 — 0 Pups at sighting
Fair	0	1	3	03 9:52:00 PDT S 16:52-GMT Er Gray whale (northbound) Position: 109° / 1,778 m Dir: West; Behavior: Slow travel <i>Large crowd of birders surrounded Counters.</i> Total 2 — 1 Calf at sighting <i>Images: none</i>
Excellent	0	1	5	04 12:05:00 S 19:05-GMT Er Gray whale (northbound) Position: 187° / 466 m Dir: West; Behavior: Slow travel <i>Saw disturbance in water straight out, then calf head and small blow, followed by cow surfacing and big blow.</i> Total 2 — 1 Calf at sighting <i>Images: none</i>
Good	0	1	4	05 12:41:00 S 19:41-GMT Er Gray whale (northbound) Position: 142° / 812 m Dir: West; Behavior: Slow travel <i>Weather: more haze again</i> Total 1 — 0 Calves at sighting
Good	0	3	4	06 13:00:00 SV 20:00-GMT Fish-trap-commercial - Position: 244° / 1,019 m Dir: Stationary <i>black + white</i> 1 vessel
Good	0	3	4	07 13:00:00 SV 20:00-GMT Oil services - Crew Boat Position: 239° / 2,872 m Dir: Stationary 1 vessel
Good	0	3	4	08 13:02:00 SV 20:02-GMT Private - Position: 124° / 1,228 m Dir: West <i>20' Bayliner</i> 1 vessel
Good	0	3	4	09 13:27:00 SV 20:27-GMT Sportfish-private - Position: 254° / 871 m Dir: East 1 vessel
Good	0	2	4	10 14:15:00 SV 21:15-GMT Oil services - Crew Boat Position: 269° / 3,288 m Dir: South 1 vessel
Fair	0	0	3	11 14:59:00 SV 21:59-GMT Sportfish-private - Position: 245° / 2,094 m Dir: East <i>Weather: increasing haze</i> 1 vessel
Fair	0	1	3	12 16:10:00 SV 23:10-GMT Dive-commercial - Position: 125° / 1,019 m Dir: East <i>urchin divers</i> 1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	0	3	
	13	16:41:00 SV	23:41-GMT Oil services - Crew Boat Position: 288° / 4,712 m Dir: South	1 vessel
Fair	0	0	3	
		17:00:00 T	0:00; 4/25/2007-GMT <i>@ 09:17 crew boat was standing off buoy by Holly about 500 meters, while a lobster boat - L13137 St Peter with green hull at buoy. @ 09:32 both at buoy. @ 09:36 crew boat off again (Image 6315) @10:18 lobster boat @ 264°/1 (between oil-barge buoys)</i>	
Apr 25 Day 87 of 105				
	CCvr	Bft	Vis	
Fair	0	0	3	
		9:00:00 PDT B	16:00-GMT <i>Haze east - glare at horizon east</i>	
Fair	0	0	3	
	01	9:01:00 PDT SV	16:01-GMT Barge/tug - Oil barge + tug (CF) Position: 274° / 1,546 m Dir: Stationary <i>Between buoys with small tug + observation vessel</i>	1 vessel
Fair	0	0	3	
	02	9:03:00 PDT SV	16:03-GMT Oil services - Crew Boat Position: 237° / 2,872 m Dir: Stationary <i>at Holly buoy</i>	1 vessel
Fair	0	0	3	
	03	9:04:00 PDT SV	16:04-GMT Private - Position: 123° / 1,369 m Dir: West <i>with surfboards</i>	1 vessel
Fair	0	0	3	
	04	9:15:00 PDT SV	16:15-GMT Dive-research - UCSB: seep monitor Position: 109° / 2,872 m Dir: South	1 vessel
Fair	0	0	3	
	05	9:43:00 PDT SV	16:43-GMT Oil services - Crew Boat Position: 290° / 3,288 m Dir: North <i>from west</i>	1 vessel
Fair	5	1	3	
	06	11:49:00 SV	18:49-GMT Dive-commercial - Position: 172° / 715 m Dir: East	1 vessel
Fair	5	1	3	
	07	11:54:00 SV	18:54-GMT Oil services - Crew Boat Position: 274° / 3,288 m Dir: South	1 vessel
Fair	5	1	3	
	08	11:54:00 SV	18:54-GMT Sportfish-private - Position: 246° / 2,553 m Dir: East	1 vessel
Fair	5	1	3	
	09	12:01:00 S	19:01-GMT Er Gray whale (northbound) Position: 163° / 551 m Dir: West; Behavior: Slow travel <i>Oil barge in place - Pair went toward buoys, then traveled inside.</i>	Total 2 — 1 Calf at sighting <i>Images: none</i>
Fair	5	1	3	
	10	12:37:00 S	19:37-GMT Er Gray whale (northbound) Position: 136° / 1,369 m Dir: West; Behavior: Slow travel <i>After Point, Condor following whales - oil barge between buoys, and whales went outside</i>	Total 2 — 1 Calf at sighting <i>Images: none</i>
Fair	65	1	3	
	11	16:13:00 S	23:13-GMT Er Gray whale (northbound) Position: 131° / 871 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	65	1	3	
		17:00:00 T	0:00; 4/26/2007-GMT	

All Sighting Numbers, Raw

			Number	Time	Species / Vessel Type		
				Code			
Apr 26	Day 88 of 105						
	CCvr	Bft	Vis				
Poor	0	3	1.5	9:00:00 PDT	16:00-GMT		
				B	<i>Lots of haze - strong glare east - wind from east - swell from west - choppy</i>		
Poor	0	3	1.5	9:00:00 PDT	16:00-GMT		
				TO	<i>fog</i>		
Poor	0	3	1.5	01 9:40:00 PDT	16:40-GMT		
			X	Off-Effort SO	El Sea otter	Total 1 — 0 Pups at sighting	
					Position: 101° / 761 m Dir: Stationary; Behavior: in kelp • on back, feeding		
					<i>Can't identify what otter is eating</i>		
Poor	0	3	1.7	10:00:00	17:00-GMT		
				TI	<i>Glare still strong to east - spread out - haze and chop continue, but better Vis.</i>		
Poor	0	4	1.7	02 10:15:00	17:15-GMT		
				S	Er Gray whale (northbound)	Total 1 — 0 Calves at sighting	
					Position: 136° / 551 m Dir: West; Behavior: Slow travel		
Fair	0	4	2	03 12:58:00	19:58-GMT		
				S	Er Gray whale (northbound)	Total 2 — 1 Calf at sighting	<i>Images: 6352-7</i>
					Position: 103° / 2,553 m Dir: West; Behavior: Slow travel		
					<i>Supervisor 88 moved from Point to further observe the pair at Sands Beach (no position points recorded there)</i>		
Fair	0	4	2	04 13:00:00	20:00-GMT		
				SV	Whale watching - Condor Express	1 vessel	
					Position: 104° / 2,553 m Dir: West		
					<i>Condor on sighting #3</i>		
Fair	0	4	2	05 13:01:00	20:01-GMT		
				SV	Oil services - Crew Boat	1 vessel	
					Position: 237° / 2,872 m Dir: Stationary		
					<i>at Holly buoy</i>		
Fair	0	4	2	06 13:51:00	20:51-GMT		
				SV	Oil services - Crew Boat	1 vessel	
					Position: 234° / 3,288 m Dir: East		
Fair	0	3	2	07 15:01:00	22:01-GMT		
				S	Er Gray whale (northbound)	Total 2 — 1 Calf at sighting	<i>Images: 6357-85</i>
					Position: 112° / 1,546 m Dir: West; Behavior: Slow travel		
					<i>Lots of spyhopping by mother and the calf</i>		
Fair	0	3	2	08 15:32:00	22:32-GMT		
				S	Er Gray whale (northbound)	Total 2 — 1 Calf at sighting	<i>Images: 6386-95</i>
					Position: 114° / 1,369 m Dir: West; Behavior: Slow travel		
Fair	0	2	3	17:00:00	0:00; 4/27/2007-GMT		
				T			
Apr 27	Day 89 of 105						
	CCvr	Bft	Vis				
Fair	0	0	2	9:00:00 PDT	16:00-GMT		
				B	<i>Haze - bright sky east</i>		
Fair	0	0	2	01 9:01:00 PDT	16:01-GMT		
				SV	Kelp harvester -	1 vessel	
					Position: 104° / 2,094 m Dir: North		
					<i>left area @ 09:30</i>		
Fair	0	0	2	02 9:05:00 PDT	16:05-GMT		
				SC	Tt Bottlenose dolphin	Total 1 — 0 Calves at sighting	
					Position: 145° / 466 m Dir: West; Behavior: Slow travel		

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0 0 2	03 9:18:00 PDT S	16:18-GMT Er Gray whale (northbound) Position: 122' / 939 m Dir: West; Behavior: Slow travel <i>moved right along</i>	Total 2 — 1 Calf at sighting <i>Images: none</i>
Fair	0 3 2	04 11:41:00 SC	18:41-GMT Tt Bottlenose dolphin Position: 233' / 871 m Dir: East; Behavior: Slow travel • Milling	Total 5 — 0 Calves at sighting
Poor	0 3 1.5	13:00:00 TO	20:00-GMT	
Poor	0 3 1.5 X	05 13:00:00 Off-Effort SV	20:00-GMT Fish-trap-commercial - L77293 Position: 228' / 871 m Dir: Stationary	1 vessel
Poor	0 3 1.5 X	06 13:48:00 Off-Effort SC	20:48-GMT Tt Bottlenose dolphin Position: 148' / 527 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor	0 3 1.5 X	07 14:00:00 Off-Effort S	21:00-GMT Er Gray whale (northbound) Position: 105' / 2,094 m Dir: West; Behavior: Slow travel <i>Showed themselves first with splash in distant east. Kayakers at Campus Point were seemingly going right over the whales and the kayakers seemed unaware of the whales - whales did not appear to be bothered.</i>	Total 2 — 1 Calf at sighting <i>Images: 6435-45</i>
Poor	0 3 1.5 X	08 14:46:00 Off-Effort SV	21:46-GMT Oil services - Crew Boat Position: 255' / 3,288 m Dir: South	1 vessel
Poor	0 3 1.5 X	09 14:49:00 Off-Effort SV	21:49-GMT Private - CF 645 P81 Position: 121' / 1,369 m Dir: East <i>with surfboards</i>	1 vessel
Fair	0 3 2	15:00:00 TI	22:00-GMT	
Fair	0 3 3	10 16:04:00 S	23:04-GMT Er Gray whale (northbound) Position: 166' / 449 m Dir: West; Behavior: Slow travel <i>First sighted them just to the left of the Point - Hung out in and by the kelp in front of the Point for a good while.</i>	Total 2 — 1 Calf at sighting <i>Images: 6466-95</i>
Fair	0 3 3	11 16:29:00 S	23:29-GMT Er Gray whale (northbound) Position: 100' / 2,872 m Dir: West; Behavior: Slow travel <i>Very slow travel at first - under water for a long time (6 to 10 minutes)</i>	Total 2 — 1 Calf at sighting <i>Images: none</i>
Fair	0 3 3	12 17:08:00 SO	0:08; 4/28/2007-GMT El Southern Sea otter Position: 202' / 212 m Dir: East; Behavior: not indicated	Total 1 — 0 Pups at sighting
Fair	0 3 3	17:09:00 T	0:09; 4/28/2007-GMT <i>5 Tts prior to opening Count going west @ 234° (true)/3</i> <i>Something dead in kelp off the Point a bit west: big bird, dolphin, seal, sea lion ???</i>	
Apr 28 Day 90 of 105				
	CCvr	Bt	Vis	
Poor	100	1	.1	9:00:00 PDT B 16:00-GMT <i>Very foggy conditions - difficult to determine Beaufort</i>
Poor	100	1	.1	9:00:00 PDT T 16:00-GMT <i>NO SURVEY - Conditions impossible; however returned at 13:00 with visibility less than .75 nm and made OFF-EFFORT sightings, including Tts + one otter + Er cow/calf @ 13:56 (SEE DATASHEET). Very foggy - Originally called Time Out @ 0900, but never called Time In</i>

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	100	1 .5 X	01 13:39:00 Off-Effort SC	20:39-GMT Tt Bottlenose dolphin Position: 188° / 200 m Dir: West; Behavior: Slow travel Total 15 — 0 Calves at sighting
Poor	100	1 .5 X	02 13:43:00 Off-Effort SO	20:43-GMT El Sea otter Position: 188° / 250 m Dir: Stationary; Behavior: not indicated
Poor	100	1 .5 X	03 13:56:00 Off-Effort S	20:56-GMT Er Gray whale (northbound) Position: 167° / 400 m Dir: West; Behavior: Slow travel <i>getting more foggy</i> Total 2 — 1 Calf at sighting
Poor	100	1 .5 X	04 14:15:00 Off-Effort SC	21:15-GMT Tt Bottlenose dolphin Position: 250° / 450 m Dir: West; Behavior: not indicated Total 2 — 0 Calves at sighting
Poor	100	1 .5 X	05 14:31:00 Off-Effort SC	21:31-GMT Tt Bottlenose dolphin Position: 236° / 500 m Dir: West; Behavior: not indicated

Apr 29 Day 91 of 105

	CCwr	Bft	Vis			
Poor	100	2	1.7	9:00:00 PDT B	16:00-GMT <i>Very gloomy with some wind. Thick haze in all directions.</i>	
Poor	100	2	1.7	01 9:13:00 PDT SV	16:13-GMT Kelp harvester - Position: 104° / 2,553 m Dir: Stationary	1 vessel
Poor	100	2	1.7	02 9:15:00 PDT SV	16:15-GMT Sportfish-private - Position: 107° / 2,872 m Dir: West	1 vessel
Poor	100	3	1.7	03 9:42:00 PDT SV	16:42-GMT Whale watching - Condor Express Position: 102° / 2,553 m Dir: West	1 vessel
Poor	100	2	1.7	04 9:55:00 PDT SV	16:55-GMT Sportfish-commercial - Stardust Position: 119° / 2,872 m Dir: West	1 vessel
Poor	100	2	1.5	10:16:00 TO	17:16-GMT	
Poor	100	2	1.5 X	05 10:51:00 Off-Effort SC	17:51-GMT Tt Bottlenose dolphin Position: 267° / 607 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	100	1	1.7	11:41:00 TI	18:41-GMT	
Poor	100	1	1.7	06 11:41:00 SC	18:41-GMT Tt Bottlenose dolphin Position: 229° / 527 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	100	1	1.7	07 12:42:00 SV	19:42-GMT Sportfish-private - Position: 111° / 2,872 m Dir: West	1 vessel
Poor	100	1	1.7	08 13:10:00 SV	20:10-GMT Sportfish-private - Position: 186° / 2,553 m Dir: East	1 vessel
Poor	100	1	1.7	09 13:17:00 SV	20:17-GMT Private - El Soñador Position: 110° / 2,872 m Dir: West	1 vessel
Poor	100	1	1.7	10 13:41:00 SO	20:41-GMT El Southern Sea otter Position: 160° / 1,369 m Dir: Stationary; Behavior: on back, feeding • in open water	Total 1 — 0 Pups at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	100	1	1.7	11 13:45:00 SV 20:45-GMT Sportfish-private - Position: 107° / 2,094 m Dir: Stationary 1 vessel
Poor	100	1	1.7	12 13:59:00 SC 20:59-GMT Tt Bottlenose dolphin Position: 142° / 715 m Dir: Stationary; Behavior: Milling Quasimoda Total 4 — 1 Calf at sighting
Poor	100	4	1	15:31:00 T 22:31-GMT
Poor	100	4	1.5 X	13 15:35:00 Off-Effort SC 22:35-GMT Tt Bottlenose dolphin Position: 144° / 1,019 m Dir: West; Behavior: Fast travel • Milling Spread out - 20+ animals Total 20 — 0 Calves at sighting
Poor	100	4	1.5 X	14 15:42:00 Off-Effort SV 22:42-GMT Sportfish-private - Position: 174° / 639 m Dir: East 1 vessel
<hr/>				
Apr 30	Day 92 of 105			
	CCvr	Bft	Vis	
Fair	100	1	3	9:00:00 PDT B 16:00-GMT High fog, but fairly good visibility, despite low contrast
Fair	100	1	3	01 9:30:00 PDT SO 16:30-GMT El Southern Sea otter Position: 164° / 208 m Dir: Stationary; Behavior: in kelp • in surf zone Playing in waves Total 1 — 0 Pups at sighting
Fair	100	1	2	02 10:59:00 S 17:59-GMT Er Gray whale (northbound) Position: 153° / 639 m Dir: West; Behavior: Slow travel • Bubbles seen Total 2 — 1 Calf at sighting <i>Images: none</i>
Fair	100	1	2	03 11:09:00 SV 18:09-GMT Oil services - Crew Boat Position: 240° / 2,872 m Dir: North leaving Holly 1 vessel
Fair	100	1	2	04 11:37:00 S 18:37-GMT Er Gray whale (northbound) Position: 120° / 715 m Dir: West; Behavior: Slow travel Possibly two cow/calf pairs - unsure, though - one pair plus one juvenile Total 3 — 1 Calf at sighting <i>Images: none</i>
Fair	100	1	2	05 12:13:00 SV 19:13-GMT Sportfish-private - Position: 261° / 1,778 m Dir: East 1 vessel
Fair	100	2	2	06 14:32:00 S 21:32-GMT Er Gray whale (northbound) Position: 155° / 551 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting <i>Images: none</i>
Poor	100	3	1	15:50:00 T 22:50-GMT Fog in all quadrants - no horizon - windy OFF EFFORT: single gray whale - possibly with calf - close by Point and inside buoys @ 16:16
Poor	100	6	1 X	07 16:16:00 Off-Effort S 23:16-GMT Er Gray whale (northbound) Position: 134° / 715 m Dir: West; Behavior: Slow travel Off-Effort Total 1 — 0 Calves at sighting

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type			
					Code				
May 01 Day 93 of 105									
	CCvr	Bft	Vis						
Poor	100	0	1.5		9:00:00 PDT B	16:00-GMT			
						<i>Everything the same: gray</i>			
Poor	50	0	2	01	10:49:00 SC	17:49-GMT Tt Bottlenose dolphin Position: 150° / 378 m Dir: West; Behavior: Slow travel		Total 2 — 0 Calves at sighting	
Fair	100	3	2	02	13:53:00 SV	20:53-GMT Fish-trap-commercial - L68347 Position: 148° / 871 m Dir: East		1 vessel	
Fair	100	3	2	03	14:11:00 SV	21:11-GMT Fish-commercial - Position: 263° / 1,778 m Dir: East <i>Stayed well outside the kelp</i>		1 vessel	
Fair	100	3	2	04	14:22:00 SV	21:22-GMT Helicopter - N_____ blue + white Position: 184° / 150 m Dir: West <i>disturbed a large flock of gulls</i>		1 vessel	
Poor	100	3	2	05	14:39:00 SV	21:39-GMT Helicopter - N350SC Gray Position: 184° / 200 m Dir: East <i>< 75 feet elevation</i>		1 vessel	<i>Images: 6503-4</i>
						<i>Images taken earlier: hovered above buoy and traveled west toward Ellwood</i>			
Poor	100	3	2	06	14:52:00 SV	21:52-GMT Oil services - Crew Boat Position: 251° / 2,553 m Dir: South		1 vessel	
Fair	40	4	2	07	15:19:00 S	22:19-GMT Er Gray whale (northbound) Position: 109° / 2,094 m Dir: West; Behavior: Slow travel <i>quarter mile behind cow/calf pair (sighting #8)</i>		Total 2 — 1 Calf at sighting	<i>Images: 6511</i>
Fair	20	4	2	08	15:23:00 S	22:23-GMT Er Gray whale (northbound) Position: 112° / 1,778 m Dir: West; Behavior: Slow travel		Total 2 — 1 Calf at sighting	<i>Images: 6506-10</i>
Good	20	4	3	09	15:38:00 SV	22:38-GMT Fish-trap-commercial - Position: 164° / 871 m Dir: East <i>Blue lobster boat</i>		1 vessel	
Fair	20	4	2		17:00:00 T	0:00; 5/2/2007-GMT			
May 02 Day 94 of 105									
	CCvr	Bft	Vis						
Good	0	1	3		9:00:00 PDT B	16:00-GMT			
						<i>Mostly clear - haze on the horizon - sunny!</i>			
Good	0	1	3	01	9:02:00 PDT SV	16:02-GMT Kelp harvester - Position: 97° / 1,546 m Dir: North		1 vessel	
Good	0	1	3	02	9:02:00 PDT SV	16:02-GMT Dive-commercial - 40266 Position: 222° / 449 m Dir: Stationary <i>urchin diver</i>		1 vessel	
Good	0	1	3	03	9:04:00 PDT SV	16:04-GMT Oil services - Crew Boat Position: 236° / 2,872 m Dir: Stationary <i>at Holly buoy</i>		1 vessel	

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	1	3	04 9:05:00 PDT SV 16:05-GMT Dive-research - UCSB: seep monitor Position: 263° / 1,228 m Dir: Stationary 1 vessel
Good	0	1	3	05 9:25:00 PDT SV 16:25-GMT Sportfish-private - Position: 104° / 2,553 m Dir: West aluminum hull, outboard 1 vessel
Good	0	1	3	06 9:50:00 PDT SV 16:50-GMT Oil services - Crew Boat Position: 273° / 3,288 m Dir: North coming from west 1 vessel
Good	0	2	3	07 10:26:00 S 17:26-GMT Er Gray whale (northbound) Position: 124° / 715 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	5	2	3	08 10:56:00 SC 17:56-GMT Tt Bottlenose dolphin Position: 206° / 288 m Dir: East; Behavior: not indicated Total 2 — 0 Calves at sighting
Good	5	2	3	09 11:08:00 SV 18:08-GMT Fish-commercial - Position: 214° / 3,288 m Dir: East bright green 1 vessel
Good	5	2	3	10 11:10:00 SV 18:10-GMT Oil services - Crew Boat Position: 279° / 3,288 m Dir: North from west 1 vessel
Good	5	2	3	11 11:28:00 SV 18:28-GMT Oil services - Crew Boat Position: 284° / 3,288 m Dir: South from pier 1 vessel
Good	5	2	3	12 11:58:00 SV 18:58-GMT Oil services - Crew Boat Position: 271° / 3,288 m Dir: South from pier 1 vessel
Good	50	3	5	13 12:46:00 SV 19:46-GMT Fish-commercial - Jensen Reagen Position: 105° / 3,288 m Dir: West squid boat 1 vessel
Good	30	3	5	14 12:57:00 SC 19:57-GMT Tt Bottlenose dolphin Position: 177° / 327 m Dir: West; Behavior: not indicated Total 2 — 0 Calves at sighting
Good	30	3	5	15 13:02:00 SV 20:02-GMT Whale watching - Condor Express Position: 101° / 2,553 m Dir: West 1 vessel
Good	20	3	5	16 13:08:00 S 20:08-GMT Er Gray whale (northbound) Position: 108° / 1,778 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting Images: 6520-42
Good	5	3	5	17 13:37:00 SV 20:37-GMT Fish-commercial - Position: 224° / 2,094 m Dir: East green 1 vessel
Poor	5	5	4	18 14:19:00 SC 21:19-GMT Tt Bottlenose dolphin Position: 258° / 505 m Dir: East; Behavior: Slow travel • Milling Total 4 — 0 Calves at sighting
Poor	5	6	4	14:25:00 T 21:25-GMT 6+ Very Strong Winds that had been outside, enveloped the Point

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type					
					Code						
May 03	Day 95 of 105										
	CCvr	Bft	Vis								
Good	0	2	6		9:00:00 PDT	16:00-GMT					
					B			<i>Excellent except strong glare at Campus Point (to east) - 4 Beaufort 2 nm out</i>			
Good	0	2	6	01	9:00:00 PDT	16:00-GMT	Barge/tug - Oil barge + tug (CF	1 vessel	<i>Images: 6559-60</i>		
					SV	Position: 273° / 1,019 m Dir: Stationary <i>in place between buoys with support vessels</i>					
Fair	60	6	4		12:00:00	19:00-GMT					
					T			<i>Very Windy</i>			
									<i>Very strong smell of filling barge @ 09:30</i>		
May 04	Day 96 of 105										
	CCvr	Bft	Vis								
Poor	60	5	4		9:00:00 PDT	16:00-GMT					
					B			<i>Oil barge on horizon heading east - appears to have not been filled - some freeboard visible - IMAGES 6660 ... (6668 shows tug maybe pointing into wing - changed direction - with barge behind) White water against barge seen through binoculars</i>			
Poor	90	6	1.5		9:00:00 PDT	16:00-GMT					
					T			<i>Strong wind + glare</i>			
									<i>Adjusted >B4</i>		
May 05	Day 97 of 105										
	CCvr	Bft	Vis								
Good	70	3	4		9:00:00 PDT	16:00-GMT					
					B			<i>Apparently good visibility, but windy</i>			
Good	70	3	4	01	9:00:00 PDT	16:00-GMT	Barge/tug - Oil barge + tug (CF	1 vessel	<i>Images: 6714-29</i>		
					SV	Position: 265° / 761 m Dir: West <i>approaching buoys with all support vessels</i>					
Good	70	3	4	02	9:07:00 PDT	16:07-GMT	Whale watching - Condor Express	1 vessel			
					SV	Position: 98° / 2,872 m Dir: West					
Good	70	3	4	03	9:22:00 PDT	16:22-GMT	El Southern Sea otter	Total 1 — 0 Pups at sighting			
					SO	Position: 128° / 505 m Dir: Stationary; Behavior: in kelp					
Good	60	3	4	04	10:10:00	17:10-GMT	Kayak/canoe (beyond kelp) -	1 vessel			
					SV	Position: 100° / 1,778 m Dir: West <i>good form</i>					
Good	60	3	4	05	10:25:00	17:25-GMT	Oil services - Crew Boat	1 vessel			
					SV	Position: 261° / 2,872 m Dir: East					
Good	60	3	4	06	10:48:00	17:48-GMT	Tt Bottlenose dolphin	Total 5 — 0 Calves at sighting			
					SC	Position: 175° / 378 m Dir: East; Behavior: Slow travel					
Fair	30	6	3		11:10:00	18:10-GMT					
					T			<i>too windy to Count</i>			
									<i>Adjusted >B4</i>		

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type	
					Code		
Fair	30	5	3	07	11:10:00	18:10-GMT	
			X	Off-Effort	SV	Whale watching - Condor Express	1 vessel
						Position: 100° / 2,872 m Dir: West	
<hr/>							
May 06	Day 98 of 105						
	CCvr	Bft	Vis				
Fair	0	0	3		9:00:00 PDT	16:00-GMT	
					B	<i>Low contrast - haze - bright sky - but four islands visible 5 nm visibility to southwest + west</i>	
Fair	0	0	3	01	9:07:00 PDT	16:07-GMT	
					SV	Oil services - Crew Boat	1 vessel
						Position: 250° / 2,553 m Dir: North	
Good	0	1	4	02	10:23:00	17:23-GMT	
					SC	Mn Humpback whale	Total 2 — 0 Calves at sighting
						Position: 149° / 2,094 m Dir: West; Behavior: Slow travel	
Fair	0	1	3	03	10:59:00	17:59-GMT	
					SV	Fish-commercial -	1 vessel
						Position: 114° / 3,288 m Dir: West	
						<i>squid boat</i>	
Fair	0	1	3	04	11:14:00	18:14-GMT	
					S	Er Gray whale (northbound)	Total 2 — 1 Calf at sighting
						Position: 101° / 2,094 m Dir: West; Behavior: Slow travel	<i>Images: none</i>
Fair	0	1	3	05	11:20:00	18:20-GMT	
					SV	Private -	1 vessel
						Position: 100° / 2,872 m Dir: West	
Fair	0	1	3	06	11:28:00	18:28-GMT	
					SV	Fish-trap-commercial -	1 vessel
						Position: 106° / 2,872 m Dir: West	
Fair	0	1	3	07	11:34:00	18:34-GMT	
					SV	Sportfish-private -	1 vessel
						Position: 132° / 485 m Dir: Stationary	
						<i>orange inflatable - in path of whales</i>	
Fair	0	1	3	08	12:40:00	19:40-GMT	
					SV	Sportfish-private -	1 vessel
						Position: 184° / 551 m Dir: East	
Good	0	1	4	09	13:05:00	20:05-GMT	
					SC	Tt Bottlenose dolphin	Total 2 — 0 Calves at sighting
						Position: 182° / 404 m Dir: East; Behavior: Slow travel	
Good	0	1	4	10	13:07:00	20:07-GMT	
					SV	Private -	1 vessel
						Position: 126° / 3,288 m Dir: West	
						<i>Small but with lights like shrimping (squid) boat - cut across swiftly</i>	
Good	0	1	4	11	13:28:00	20:28-GMT	
					SV	Sportfish-private -	1 vessel
						Position: 104° / 2,094 m Dir: West	
						<i>Small, white inflatable - fast along kelp - fishing - met up with inflatable (sighting #7)</i>	
Good	0	1	4	12	13:52:00	20:52-GMT	
					SV	Oil services - Crew Boat	1 vessel
						Position: 279° / 3,288 m Dir: South	
Good	0	2	4	13	14:34:00	21:34-GMT	
					SV	Private -	1 vessel
						Position: 103° / 2,553 m Dir: West	
						<i>Large, white boat - stayed off Isla Vista</i>	
Good	0	2	4	14	14:42:00	21:42-GMT	
					SC	Tt Bottlenose dolphin	Total 5 — 0 Calves at sighting
						Position: 209° / 607 m Dir: East; Behavior: Slow travel	

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	2	4	15 14:43:00 SV 21:43-GMT Sportfish-private - Position: 251° / 1,228 m Dir: East <i>red hull</i> 1 vessel
Good	5	3	4	16 15:06:00 SV 22:06-GMT Sportfish-private - Position: 282° / 1,778 m Dir: East <i>cream color</i> 1 vessel
Good	5	3	4	17 15:10:00 SC 22:10-GMT Tt Bottlenose dolphin Position: 197° / 288 m Dir: East; Behavior: not indicated Total 4 — 0 Calves at sighting
Good	5	2	4	18 15:23:00 SV 22:23-GMT Helicopter - N_____ blue + white Position: 93° / 800 m Dir: West < 75 feet elevation - flew in front of us 1 vessel
Fair	65	3	3	19 16:46:00 S 23:46-GMT Er Gray whale (northbound) Position: 168° / 607 m Dir: West; Behavior: Slow travel <i>observed in scope</i> Total 2 — 1 Calf at sighting <i>Images: none</i>
Fair	65	3	3	17:00:00 T 0:00; 5/7/2007-GMT

May 07 Day 99 of 105

CCvr Bft Vis

Good	0	0	4	9:00:00 PDT B 16:00-GMT <i>NOTE: No Vessel Log between 1300 - 1453</i>
Good	0	0	4	01 9:00:00 PDT SV 16:00-GMT Oil services - Crew Boat Position: 258° / 2,553 m Dir: North <i>from Holly</i> 1 vessel
Good	0	0	4	02 9:11:00 PDT SV 16:11-GMT Sportfish-private - Position: 104° / 2,872 m Dir: Stationary 1 vessel
Good	0	0	4	03 9:26:00 PDT SV 16:26-GMT Oil services - Position: 119° / 3,288 m Dir: West <i>oil spill prevention</i> 1 vessel
Good	0	0	4	04 9:46:00 PDT SV 16:46-GMT Fish-trap-commercial - L68347 Position: 243° / 1,019 m Dir: East 1 vessel
Good	0	1	4	05 11:10:00 SO 18:10-GMT El Southern Sea otter Position: 110° / 840 m Dir: Stationary; Behavior: in kelp Total 1 — 0 Pups at sighting
Good	0	1	4	06 11:12:00 SV 18:12-GMT Oil services - Crew Boat Position: 260° / 2,094 m Dir: South <i>to Holly</i> 1 vessel
Good	0	1	4	07 11:33:00 SV 18:33-GMT Helicopter - Military Position: 84° / 300 m Dir: East <75 feet altitude - flew right in front of us 1 vessel
Good	0	1	4	08 12:51:00 SV 19:51-GMT Sportfish-private - Position: 134° / 3,288 m Dir: West <i>Weather: Better contrast</i> 1 vessel

All Sighting Numbers, Raw

	Number	Time	Species / Vessel Type	
		Code		
Good	0	2	4	
	09	14:53:00	21:53-GMT Oil services - Crew Boat Position: 233° / 2,094 m Dir: Stationary <i>to Holly</i>	1 vessel
Good	0	3	2	
	10	14:59:00	21:59-GMT Er Gray whale (northbound) Position: 120° / 449 m Dir: West; Behavior: Slow travel <i>in kelp</i>	Total 2 — 1 Calf at sighting <i>Images: 6758-65, 6767-9</i>
<i>Came up in kelp, but did not break through at first - weird - then two whales!</i>				
Good	0	4	4	
	11	15:38:00	22:38-GMT Private - Position: 102° / 2,553 m Dir: West <i>blue hull / blue top</i>	1 vessel
Good	0	3	4	
	12	16:15:00	23:15-GMT Tt Bottlenose dolphin Position: 229° / 485 m Dir: East; Behavior: not indicated <i>2 groups of dolphins with sea lions</i>	Total 8 — 0 Calves at sighting
Good	0	3	4	
	13	16:15:00	23:15-GMT Sportfish-private - Position: 219° / 1,019 m Dir: East	1 vessel
Good	0	3	4	
	14	16:57:00	23:57-GMT Er Gray whale (northbound) Position: 171° / 418 m Dir: West; Behavior: Slow travel <i>had great looks right in front - moved right along</i>	Total 2 — 1 Calf at sighting <i>Images: none</i>
Good	0	3	4	
		17:06:00	0:06; 5/8/2007-GMT T	

May 08 Day 100 of 105

CCvr Bft Vis

Fair	0	0	3	
		9:00:00 PDT	16:00-GMT	
		B	<i>Haze - low contrast east</i>	
<i>NOTE: No Vessel Log before 12:43</i>				
Fair	0	0	3	
	01	12:43:00	19:43-GMT Jet ski - Position: 114° / 1,778 m Dir: West <i>3 jet skis</i>	3 vessels <i>Images: 6807-29, 42-7, 46-7</i>
Fair	0	0	3	
	02	13:12:00	20:12-GMT Research vessel - UCSB: seep monitor Position: 274° / 2,094 m Dir: East <i>green</i>	1 vessel
Fair	0	0	3	
	03	13:14:00	20:14-GMT Helicopter - N____ blue + white Position: 114° / 800 m Dir: South <i>< 75 feet altitude</i>	1 vessel
Fair	0	0	3	
	04	13:20:00	20:20-GMT Research vessel - UCSB: seep monitor Position: 249° / 1,019 m Dir: East <i>blue</i>	1 vessel
Fair	0	0	3	
	05	13:53:00	20:53-GMT Sportfish-private - Position: 214° / 551 m Dir: East <i>blue and white</i>	1 vessel
Fair	0	1	3	
	06	13:59:00	20:59-GMT Helicopter - Coast Guard Position: 294° / 500 m Dir: East	1 vessel <i>Images: 6802-3</i>

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0 2 4	07 14:12:00 SV	21:12-GMT Sportfish-private - Position: 254° / 2,553 m Dir: East	1 vessel
Good	0 2 4	08 14:38:00 SV	21:38-GMT Oil services - Crew Boat Position: 269° / 3,288 m Dir: East	1 vessel
Good	0 2 4	09 14:45:00 SV	21:45-GMT Sportfish-private - Position: 109° / 2,094 m Dir: West <i>inflatable - stayed outside and beyond kelp</i>	1 vessel
Fair	0 3 4	10 15:28:00 SC	22:28-GMT Tt Bottlenose dolphin Position: 189° / 449 m Dir: East; Behavior: Slow travel • Milling <i>Weather: inversion layer replaced by overall haze</i>	Total 9 — 0 Calves at sighting
Fair	0 3 3	11 16:38:00 SC	23:38-GMT Tt Bottlenose dolphin Position: 134° / 232 m Dir: West; Behavior: not indicated	Total 2 — 0 Calves at sighting
Fair	0 3 3	17:00:00 T	0:00; 5/9/2007-GMT	

May 09 Day 101 of 105

	CCvr	Bft	Vis			
Poor	100	3	1.5	9:00:00 PDT B	16:00-GMT <i>Very low ceiling - changing light</i>	
Poor	100	3	.5	9:00:00 PDT T	16:00-GMT <i>waited around until 13:15 - zero visibility</i>	
Poor	100	3	1.5 X	01 9:01:00 PDT Off-Effort SV	16:01-GMT Dive-commercial - 40266 Position: 108° / 1,778 m Dir: West <i>urchin diver</i>	1 vessel
Poor	100	3	1.5 X	02 9:02:00 PDT Off-Effort SV	16:02-GMT Fish-trap-commercial - L24496 Sea Position: 105° / 2,872 m Dir: West	1 vessel
Poor	100	3	1.5 X	03 9:04:00 PDT Off-Effort SV	16:04-GMT Oil services - Crew Boat Position: 232° / 2,553 m Dir: Stationary <i>in fog at Holly</i>	1 vessel

May 10 Day 102 of 105

	CCvr	Bft	Vis			
Poor	100	2	.5	9:00:00 PDT B	16:00-GMT <i>Fog horn from Holly sounding. VISIBILITY Sector A = .5 B = .25 C = .25 D = .25 E = .75 Bright gray - no contrast - in and out</i>	
Poor	100	2	.5	9:00:00 PDT TO	16:00-GMT	
Fair	0	1	3	13:51:00 TI	20:51-GMT <i>Residual fog along sand affecting visibility.</i>	
Fair	0	1	3	01 13:52:00 SC	20:52-GMT Tt Bottlenose dolphin Position: 194° / 356 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	0	1	3	02 14:01:00 SC	21:01-GMT Tt Bottlenose dolphin Position: 178° / 252 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	0	5	3	16:53:00 T
Poor	0	5	3	03 16:53:00 Off-Effort SC
				23:53-GMT Tt Bottlenose dolphin Position: 117° / 1,369 m Dir: West; Behavior: Slow travel • Milling
Total 8 — 0 Calves at sighting				
May 11 Day 103 of 105				
	CCvr	Bft	Vis	
Fair	30	1	4	9:00:00 PDT B
Fair	30	1	4	01 9:02:00 PDT SC
				16:02-GMT Tt Bottlenose dolphin Position: 144° / 410 m Dir: East; Behavior: not indicated
Total 4 — 0 Calves at sighting				
Fair	30	1	4	02 9:09:00 PDT SV
				16:09-GMT Fish-trap-commercial - L24496 Sea Position: 110° / 2,094 m Dir: East
1 vessel				
Fair	30	1	4	03 9:10:00 PDT SV
				16:10-GMT Dive-commercial - Truth Position: 123° / 2,553 m Dir: East
1 vessel				
Good	15	1	4	04 10:02:00 SV
				17:02-GMT Oil services - Crew Boat Position: 254° / 2,872 m Dir: South
1 vessel				
Good	15	1	4	05 10:57:00 SV
				17:57-GMT Fish-trap-commercial - Position: 102° / 2,872 m Dir: Stationary
1 vessel				
Good	15	1	4	06 11:19:00 SV
				18:19-GMT Sportfish-private - Position: 105° / 2,553 m Dir: West
1 vessel				
Good	40	1	4	07 12:24:00 SC
				19:24-GMT Tt Bottlenose dolphin Position: 181° / 378 m Dir: West; Behavior: Slow travel
Total 4 — 1 Calf at sighting				
Good	40	1	4	08 12:34:00 SV
				19:34-GMT Private - Position: 109° / 2,094 m Dir: West
1 vessel				
Fair	40	4	4	09 14:34:00 S
				21:34-GMT Er Gray whale (northbound) Position: 106° / 1,019 m Dir: West; Behavior: Slow travel <i>both in kelp - appeared as bulges in the kelp - swam a long distance to Point through kelp</i>
Total 2 — 1 Calf at sighting				
Poor	40	5	4	14:35:00 TO
Poor	40	5	4	10 14:35:00 Off-Effort S
				21:35-GMT Er Gray whale (northbound) Position: 104° / 2,553 m Dir: West; Behavior: Slow travel <i>Back and forth across Point - Here for a long time: 1.5 hours.</i>
Total 2 — 1 Calf at sighting				
Fair	60	4	3	16:05:00 TI
				23:05-GMT <i>Strong glare west</i>
Fair	60	4	3	11 16:34:00 SC
				23:34-GMT Tt Bottlenose dolphin Position: 197° / 263 m Dir: West; Behavior: Slow travel
Total 2 — 0 Calves at sighting				
Fair	60	4	3	12 16:38:00 S
				23:38-GMT Er Gray whale (northbound) Position: 131° / 378 m Dir: West; Behavior: Slow travel <i>Calf appeared in kelp with mom outside kelp.</i>
Total 2 — 1 Calf at sighting				
Fair	60	4	3	17:00:00 T
				0:00; 5/12/2007-GMT

All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type			
					Code				
May 12	Day 104 of 105								
	CCvr	Bft	Vis						
	Fair	95	2 3		9:00:00 PDT B	16:00-GMT			
							<i>Some high, thin clouds - glare east</i>		
	Fair	95	2 3	01	9:53:00 PDT SV	16:53-GMT Private - Position: 276° / 2,872 m Dir: East		1 vessel	
							<i>little white boat, stopped by buoy for a while</i>		
	Fair	95	2 3	02	9:56:00 PDT SV	16:56-GMT Sportfish-private - Position: 284° / 3,288 m Dir: South		1 vessel	
	Poor	95	2 2	03	10:22:00 SV	17:22-GMT Sportfish-commercial - Stardust Position: 106° / 2,872 m Dir: West		1 vessel	
	Poor	95	2 2	04	10:41:00 SV	17:41-GMT Sportfish-private - CF 8690 TA Ma-Cus Position: 280° / 3,288 m Dir: East		1 vessel	
	Poor	95	2 2	05	10:59:00 SV	17:59-GMT Private - Position: 99° / 2,872 m Dir: West		1 vessel	
							<i>inflatable - one man rowing</i>		
	Poor	95	2 2	06	11:17:00 SV	18:17-GMT Private - Position: 102° / 2,553 m Dir: West		1 vessel	
	Poor	95	2 2	07	11:22:00 SV	18:22-GMT Sportfish-private - CF 0015 HY Position: 100° / 2,872 m Dir: West		1 vessel	
	Poor	95	2 2	08	11:24:00 SV	18:24-GMT Sailboat - Position: 124° / 3,288 m Dir: West		1 vessel	
	Poor	95	2 2	09	11:41:00 SV	18:41-GMT Fish-trap-commercial - L77293 Position: 102° / 3,288 m Dir: West		1 vessel	
	Poor	95	2 2	10	11:56:00 SV	18:56-GMT Sportfish-private - Position: 271° / 2,872 m Dir: East		1 vessel	
	Fair	95	2 3	11	12:03:00 SC	19:03-GMT Tt Bottlenose dolphin Position: 192° / 275 m Dir: East; Behavior: Slow travel		Total 2 — 0 Calves at sighting	
	Fair	95	2 3	12	12:36:00 SV	19:36-GMT Sailboat - Position: 276° / 3,288 m Dir: East		1 vessel	
	Fair	95	2 3	13	13:06:00 SV	20:06-GMT Sportfish-private - Position: 197° / 812 m Dir: East		1 vessel	
							<i>white</i>		
	Poor	95	2 2	14	13:10:00 SV	20:10-GMT Sportfish-private - Position: 102° / 2,872 m Dir: South		1 vessel	
							<i>Weather: haze</i>		
	Fair	95	3 3	15	14:08:00 SV	21:08-GMT Sportfish-private - Position: 183° / 1,294 m Dir: East		1 vessel	
							<i>Traveling fast</i>		
							<i>Weather: very low 3 Beaufort</i>		

All Sighting Numbers, Raw

	Number	Time	Code	Species / Vessel Type	
Fair	95	3	3	16 14:53:00 SV	21:53-GMT Sportfish-private - Position: 249° / 551 m Dir: East 1 vessel
Fair	95	3	2	17 15:08:00 SV	22:08-GMT Sportfish-private - Position: 246° / 1,228 m Dir: East <i>small, white</i> 1 vessel
Fair	95	3	2	18 16:05:00 SC	23:05-GMT Tt Bottlenose dolphin Position: 182° / 378 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	95	3	2	19 16:31:00 SV	23:31-GMT Private - Position: 234° / 302 m Dir: East <i>white hull, gray body</i> 1 vessel
Fair	95	3	2	20 16:33:00 SV	23:33-GMT Oil services - Crew Boat Position: 277° / 4,712 m Dir: South 1 vessel
Fair	95	3	2	21 16:41:00 SV	23:41-GMT Sailboat - 36722 (sail) Position: 109° / 2,553 m Dir: South <i>Hobie Cat</i> 1 vessel
Fair	95	3	2	22 16:53:00 SV	23:53-GMT Fish-trap-commercial - L73658 - Position: 260° / 1,778 m Dir: East 1 vessel
Fair	95	3	2	23 16:58:00 SC	23:58-GMT Tt Bottlenose dolphin Position: 194° / 378 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	95	3	2	17:00:00 T	0:00; 5/13/2007-GMT

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	CCvr	Bft	Vis		
Poor	0	3	2	9:00:00 PDT B	16:00-GMT <i>Haze - glare east - very choppy - east wind against a west swell</i>
Poor	0	3	2	01 9:01:00 PDT SV	16:01-GMT Sportfish-private - Position: 158° / 336 m Dir: Stationary <i>inflatable</i> 1 vessel
Poor	0	3	2	02 9:03:00 PDT SV	16:03-GMT Oil services - Crew Boat Position: 279° / 3,288 m Dir: North <i>from west</i> 1 vessel
Poor	0	4	2	03 9:37:00 PDT SC	16:37-GMT Tt Bottlenose dolphin Position: 117° / 378 m Dir: West; Behavior: Slow travel • Milling <i>in kelp</i> <i>Weather: low 4 Beaufort</i> Total 1 — 0 Calves at sighting
Poor	0	4	2	04 9:48:00 PDT SV	16:48-GMT Helicopter - N____ Red with white Position: 184° / 900 m Dir: West <i>< 75 feet altitude</i> 1 vessel
Poor	0	4	2	05 9:51:00 PDT SV	16:51-GMT Sportfish-private - Position: 282° / 2,872 m Dir: East <i>Boston Whaler - Captain red jacket</i> 1 vessel

All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0 3 2	07 10:28:00 SC	17:28-GMT Tt Bottlenose dolphin Position: 183° / 318 m Dir: East; Behavior: Slow travel	Total 8 — 2 Calves at sighting
Poor	0 2 1	11:20:00 TO	18:20-GMT <i>Zone A=1 - B=1.25 - C=2 - D=2 - E=3</i>	
Poor	0 2 1.5 X	08 12:40:00 Off-Effort SV	19:40-GMT Sportfish-private - Position: 219° / 1,019 m Dir: East	1 vessel
Poor	0 2 2	13:00:00 TI	20:00-GMT <i>Zone A=2 nm - B=2 nm - C=2 nm - D=2 nm - E=3 nm</i>	
Poor	0 2 2	09 13:03:00 SV	20:03-GMT Private - Position: 100° / 2,872 m Dir: West <i>inflatable</i>	1 vessel
Poor	0 2 2	10 13:04:00 SV	20:04-GMT Private - Position: 108° / 3,288 m Dir: West <i>White speedboat, red top</i>	1 vessel
Poor	0 4 2	11 14:11:00 SC	21:11-GMT Tt Bottlenose dolphin Position: 116° / 812 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor	0 4 2	12 14:32:00 SV	21:32-GMT Fish-trap-commercial - L24521 Position: 114° / 3,288 m Dir: West	1 vessel <i>Images: 7078, 82-6</i>
Fair	0 3 2	13 15:30:00 SC	22:30-GMT Tt Bottlenose dolphin Position: 109° / 2,094 m Dir: West; Behavior: Slow travel • Milling	Total 12 — 0 Calves at sighting
Fair	0 3 2	14 15:47:00 SV	22:47-GMT Sailboat (motor) - 623 (sail) Position: 99° / 2,553 m Dir: South <i>White catamaran "5.2"</i>	1 vessel
Fair	0 3 2	15 15:51:00 SC	22:51-GMT Tt Bottlenose dolphin Position: 102° / 1,228 m Dir: West; Behavior: Slow travel • Milling <i>in kelp</i>	Total 14 — 0 Calves at sighting
Fair	0 3 2	16 16:14:00 SC	23:14-GMT Tt Bottlenose dolphin Position: 145° / 390 m Dir: West; Behavior: Slow travel	Total 9 — 0 Calves at sighting
Fair	0 3 2	17:00:00 T	0:00; 5/14/2007-GMT	