

## 2016 Gray whales (northbound) Sighting & Tracking, On Effort



This report presents all sightings and tracking of all northbound Gray whales, on-effort. Any voided or off-effort sightings have been removed.

We conduct our survey, most days 9 AM to 5 PM every day for approximately one hundred consecutive days from mid-February to towards the end of May. In 2016 we began February 16 and continued for 101 consecutive days through May 26.

The survey team — Counters — consists of the Project Coordinator, two Research Assistants, and an array of volunteer Observers. This year's Counters was a remarkable group with 49% having participated in at least 5 consecutive surveys. That is a huge effort, an amazing resource for Gray Whales. They Count.

Observers work scheduled 2-hour shifts, Research Assistants 4-hour shifts, and the Project Coordinator is always at Counter Point. Research Assistants and the Project Coordinator gather data and direct observation.

The viewing platform is two, four-foot by four-foot picnic tables on which two Supervisors are positioned. The remainder of the observation team stands on benches or the ground in front of the tables. Observers use Fijion and Baker Marine 7x50 binoculars with a built-in reticle scale and compass. All of the five pairs are within 1° of standard. For species identification of distant animals and for identifying names and numbers of vessels, we use a Zeiss spotting scope. When appropriate we have been taking digital images and occasional videos with a Canon 7D.

Data are entered in pencil on paper datasheets, designed by Gray Whales Count. Datasheets and entry guides are available for download, the last report in this group.

Report Key: Quality is overall observation quality; The number with Beaufort corresponds to the Beaufort scale; Position of the sighting is represented by true bearing, with distance in meters from our observation platform, which faces south. Our eye-height is 13.56 meters (about 44.5 feet).

part of **2016 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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Gray whale (northbound) *Eschrichtius robustus*

Total: 1,412 Calves: 296 Number of Sightings: 627

Feb 16		Day 1 of 101	Daily Totals	Gray whale (northbound) 6	Calves 0
Sighting Number	01	Quality: Good Beaufort: 0	<b>Total 2 — 0 Calves</b>		
	09:30	17:30-GMT	Position: 173° / 1483 m	Direction: West; Behavior: Traveling	
	09:38	17:38-GMT	Position: 200° / 1483 m	Direction: West; Behavior: Traveling	
Sighting Number	06	Quality: Good Beaufort: 0	<b>Total 1 — 0 Calves</b>		
	10:32	18:32-GMT	Position: 176° / 1483 m	Direction: West; Behavior: Traveling	
	10:41	18:41-GMT	Position: 212° / 1674 m	Direction: West; Behavior: Traveling	
Sighting Number	12	Quality: Good Beaufort: 0	<b>Total 1 — 0 Calves</b>		
	11:43	19:43-GMT	Position: 141° / 3088 m	Direction: West; Behavior: Traveling	
	11:51	19:51-GMT	Position: 147° / 3088 m	Direction: West; Behavior: Traveling	
	11:57	19:57-GMT	Position: 152° / 3088 m	Direction: West; Behavior: Traveling	
	12:05	20:05-GMT	Position: 158° / 2749 m	Direction: West; Behavior: Traveling	
	12:12	20:12-GMT	Position: 165° / 3088 m	Direction: West; Behavior: Traveling	
	12:18	20:18-GMT	Position: 174° / 2260 m	Direction: West; Behavior: Traveling	
	12:25	20:25-GMT	Position: 182° / 2749 m	Direction: West; Behavior: Traveling	
	12:30	20:30-GMT	Position: 191° / 2749 m	Direction: West; Behavior: Traveling	
Sighting Number	31	Quality: Good Beaufort: 0	<b>Total 1 — 0 Calves</b>		
	15:13	23:13-GMT	Position: 194° / 528 m	Direction: West; Behavior: Traveling	
	15:16	23:16-GMT	Position: 211° / 550 m	Direction: West; Behavior: Traveling	
Sighting Number	34	Quality: Good Beaufort: 0	<b>Total 1 — 0 Calves</b>		
	15:28	23:28-GMT	Position: 168° / 2260 m	Direction: West; Behavior: Traveling	
	15:31	23:31-GMT		; Behavior: Traveling	
Feb 17		Day 2 of 101	Daily Totals	Gray whale (northbound) 3	Calves 0
Sighting Number	07	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>		
	11:34	19:34-GMT	Position: 188° / 2749 m	Direction: West; Behavior: Traveling	
	11:41	19:41-GMT	Position: 196° / 2749 m	Direction: West; Behavior: Traveling	
	11:46	19:46-GMT	Position: 202° / 3088 m	Direction: West; Behavior: Traveling	
Sighting Number	11	Quality: Poor Beaufort: 3	<b>Total 1 — 0 Calves</b>		
	12:30	20:30-GMT	Position: 141° / 778 m	Direction: West; Behavior: Traveling • Breach <i>breached twice</i>	
	12:33	20:33-GMT	Position: 156° / 696 m	Direction: West; Behavior: Traveling	
	12:34	20:34-GMT	Position: 161° / 600 m	Direction: West; Behavior: Traveling • Breach	
	12:36	20:36-GMT	Position: 174° / 778 m	Direction: West; Behavior: Traveling	

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

	12:37	20:37-GMT	Position: 191° / 550 m Direction: West; Behavior: Traveling • Breach
			<i>Juvenile</i>
	12:39	20:39-GMT	Position: 216° / 550 m Direction: West; Behavior: Traveling • Breach
	12:40	20:40-GMT	Position: 227° / 489 m Direction: West; Behavior: Traveling • Fluke • Breach
	12:42	20:42-GMT	Position: 243° / 600 m Direction: West; Behavior: Traveling
<b>Feb 18</b>	Day 3 of 101		Daily Totals Gray whale (northbound) 5 Calves 0
Sighting Number	<b>05</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>
	09:32	17:32-GMT	Position: 240° / 1106 m Direction: West; Behavior: Traveling
			<i>Out of range</i>
Sighting Number	<b>07</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b> Images: 0627-34
	10:04	18:04-GMT	Position: 114° / 1922 m Direction: West; Behavior: Traveling
	10:09	18:09-GMT	Position: 116° / 1922 m Direction: West; Behavior: Traveling
			<i>Sighting no.2 approached head on</i>
	10:14	18:14-GMT	Position: 122° / 1331 m Direction: West; Behavior: Traveling
	10:22	18:22-GMT	Position: 154° / 661 m Direction: West; Behavior: Traveling
	10:23	18:23-GMT	Position: 159° / 661 m Direction: West; Behavior: Traveling
	10:24	18:24-GMT	Position: 165° / 629 m Direction: West; Behavior: Traveling
	10:28	18:28-GMT	Position: 214° / 528 m Direction: West; Behavior: Traveling
	: -PST	8:-GMT	Position: / m Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Fair Beaufort: 3	<b>Total 1 — 0 Calves</b>
	10:51	18:51-GMT	Position: 159° / 1674 m Direction: West; Behavior: Traveling
<b>Feb 19</b>	Day 4 of 101		Daily Totals Gray whale (northbound) 19 Calves 0
Sighting Number	<b>09</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>
	09:54	17:54-GMT	Position: 166° / 3528 m Direction: West; Behavior: Traveling
	09:58	17:58-GMT	Position: 170° / 3528 m Direction: West; Behavior: Traveling
	10:01	18:01-GMT	Position: 175° / 3528 m Direction: West; Behavior: Traveling
	10:04	18:04-GMT	Position: 180° / 3528 m Direction: West; Behavior: Traveling
	10:12	18:12-GMT	Position: 190° / 3528 m Direction: West; Behavior: Traveling
Sighting Number	<b>15</b>	Quality: Good Beaufort: 3	<b>Total 2 — 0 Calves</b>
	11:53	19:53-GMT	Position: 137° / 2260 m Direction: West; Behavior: Traveling
	12:00	20:00-GMT	Position: 150° / 1922 m Direction: West; Behavior: Traveling
	12:08	20:08-GMT	Position: 176° / 1483 m Direction: West; Behavior: Traveling
	12:15	20:15-GMT	Position: 202° / 1403 m Direction: West; Behavior: Traveling
Sighting Number	<b>16</b>	Quality: Good Beaufort: 3	<b>Total 1 — 0 Calves</b>
	11:56	19:56-GMT	Position: 167° / 528 m Direction: West; Behavior: Traveling
			<i>Next to kelp</i>
	12:05	20:05-GMT	Position: 242° / 629 m Direction: West; Behavior: Traveling

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	17	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	
		12:31	20:31-GMT Position: 160° / 3528 m Direction: West; Behavior: Traveling • Fluke
		12:35	20:35-GMT Position: 164° / 3088 m Direction: West; Behavior: Traveling
		12:49	20:49-GMT Position: 186° / 2749 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	19	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		12:39	20:39-GMT Position: 184° / 913 m Direction: West; Behavior: Traveling
		12:47	20:47-GMT Position: 238° / 1020 m Direction: West; Behavior: Traveling
Sighting Number	20	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		13:10	21:10-GMT Position: 152° / 1922 m Direction: West; Behavior: Traveling • Fluke
		13:18	21:18-GMT Position: 182° / 1483 m Direction: West; Behavior: Traveling
		13:19	21:19-GMT Position: 189° / 1208 m Direction: West; Behavior: Traveling
Sighting Number	21	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	
		13:29	21:29-GMT Position: 142° / 2749 m Direction: West; Behavior: Traveling
		13:31	21:31-GMT Position: 146° / 2749 m Direction: West; Behavior: Traveling
		13:40	21:40-GMT Position: 177° / 1922 m Direction: West; Behavior: Traveling
		13:45	21:45-GMT Position: 192° / 1483 m Direction: West; Behavior: Traveling
Sighting Number	23	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	Images: <a href="#">0644-0722</a>
		14:04	22:04-GMT Position: 112° / 1674 m Direction: West; Behavior: Traveling • Sharking • Rolling • <i>Slowly fluking</i>
		14:14	22:14-GMT Position: 112° / 1483 m Direction: West; Behavior: Traveling • Sharking <i>Could be feeding</i>
		14:26	22:26-GMT Position: 118° / 1106 m Direction: West; Behavior: Traveling • Sharking <i>Very playful</i>
		14:35	22:35-GMT Position: 145° / 574 m Direction: West; Behavior: Traveling • Sharking <i>Kelp edge</i>
		14:40	22:40-GMT Position: 189° / 489 m Direction: West; Behavior: Traveling • Sharking
		14:44	22:44-GMT Position: 213° / 440 m Direction: West; Behavior: Traveling • Foraging • Sharking
Sighting Number	25	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	Images: <a href="#">0723-5</a>
		14:47	22:47-GMT Position: 173° / 778 m Direction: West; Behavior: Traveling
		14:51	22:51-GMT Position: 204° / 508 m Direction: West; Behavior: Traveling
		14:56	22:56-GMT Position: 244° / 913 m Direction: West; Behavior: Traveling
Sighting Number	26	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	
		15:14	23:14-GMT Position: 196° / 600 m Direction: West; Behavior: Traveling
		15:21	23:21-GMT Position: 257° / 1208 m Direction: West; Behavior: Traveling
Sighting Number	27	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		15:24	23:24-GMT Position: 218° / 1674 m Direction: West; Behavior: Traveling
		15:46	23:46-GMT Position: 278° / 2749 m Direction: West; Behavior: Traveling

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Sighting Number	<b>28</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>
	<b>15:44</b>	23:44-GMT	Position: 155° / 946 m Direction: West; Behavior: Traveling
	<b>15:49</b>	23:49-GMT	Position: 193° / 696 m Direction: West; Behavior: Traveling
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<b>Feb 20</b>	Day 5 of 101	Daily Totals	Gray whale (northbound) 15 Calves 0
Sighting Number	<b>04</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>
	<b>09:42</b>	17:42-GMT	Position: 147° / 5027 m Direction: West; Behavior: Traveling
	<b>10:13</b>	18:13-GMT	Position: 179° / 1922 m Direction: West; Behavior: Traveling • Fluke
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Sighting Number	<b>05</b>	Quality: Fair Beaufort: 1	<b>Total 3 — 0 Calves</b>
	<b>09:47</b>	17:47-GMT	Position: 149° / 2260 m Direction: West; Behavior: Traveling
	<b>09:53</b>	17:53-GMT	Position: 156° / 3088 m Direction: West; Behavior: Traveling
	<b>10:04</b>	18:04-GMT	Position: 166° / 2749 m Direction: West; Behavior: Traveling • Fluke
	<b>10:23</b>	18:23-GMT	Position: 177° / 2749 m Direction: West; Behavior: Traveling
	<b>10:30</b>	18:30-GMT	Position: 195° / 2749 m Direction: West; Behavior: Traveling
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Sighting Number	<b>12</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>
	<b>11:23</b>	19:23-GMT	Position: 141° / 3528 m Direction: West; Behavior: Traveling
	<b>11:29</b>	19:29-GMT	Position: 144° / 600 m Direction: West; Behavior: Traveling
	<b>11:32</b>	19:32-GMT	Position: 148° / 3528 m Direction: West; Behavior: Traveling
	<b>11:35</b>	19:35-GMT	Position: 151° / 3528 m Direction: West; Behavior: Traveling
	<b>11:38</b>	19:38-GMT	Position: 153° / 3528 m Direction: West; Behavior: Traveling
	<b>11:41</b>	19:41-GMT	Position: 156° / 3088 m Direction: West; Behavior: Traveling
	<b>11:51</b>	19:51-GMT	Position: 164° / 3088 m Direction: West; Behavior: Traveling
	<b>12:19</b>	20:19-GMT	Position: 202° / 3088 m Direction: West; Behavior: Traveling
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Sighting Number	<b>13</b>	Quality: Fair Beaufort: 3	<b>Total 1 — 0 Calves</b>
	<b>11:52</b>	19:52-GMT	Position: 150° / 3528 m Direction: West; Behavior: Traveling
	<b>12:08</b>	20:08-GMT	Position: 161° / 3528 m Direction: West; Behavior: Traveling
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Sighting Number	<b>17</b>	Quality: Good Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>13:57</b>	21:57-GMT	Position: 146° / 1208 m Direction: West; Behavior: Traveling
	<b>14:02</b>	22:02-GMT	Position: 179° / 827 m Direction: West; Behavior: Traveling • Fluke
	<b>14:08</b>	22:08-GMT	Position: 219° / 827 m Direction: West; Behavior: Traveling
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Sighting Number	<b>18</b>	Quality: Good Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>14:01</b>	22:01-GMT	Position: 174° / 3088 m Direction: West; Behavior: Traveling
	<b>14:14</b>	22:14-GMT	Position: 194° / 3088 m Direction: West; Behavior: Traveling
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Sighting Number	<b>21</b>	Quality: Good Beaufort: 0	<b>Total 3 — 0 Calves</b>
	<b>16:18</b>	0:18;	Position: 143° / 3088 m Direction: West; Behavior: Traveling
	<b>16:29</b>	0:29;	Position: 152° / 3088 m Direction: West; Behavior: Traveling
	<b>16:32</b>	0:32;	Position: 155° / 2749 m Direction: West; Behavior: Traveling

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		16:42	0:42;	Position: 173° / 2749 m	Direction: West; Behavior: Traveling	
Sighting Number	<b>23</b>	Quality: Good Beaufort: 0		<b>Total 2 — 0 Calves</b>		
		16:50	0:50;	Position: 149° / 2260 m	Direction: West; Behavior: Traveling	
		16:40	0:40;	Position: 170° / 1922 m	Direction: West; Behavior: Traveling	
		16:50	0:50;	Position: 193° / 1922 m	Direction: West; Behavior: Traveling	
		16:52	0:52;	Position: 198° / 1922 m	Direction: West; Behavior: Traveling	
<b>Feb 21</b>	Day 6 of 101	Daily Totals			Gray whale (northbound) 15	Calves 0
Sighting Number	<b>04</b>	Quality: Fair Beaufort: 1		<b>Total 3 — 0 Calves</b>		
		10:08	18:08-GMT	Position: 155° / 2749 m	Direction: West; Behavior: Traveling	
		10:13	18:13-GMT	Position: 170° / 2749 m	Direction: West; Behavior: Traveling	
		10:20	18:20-GMT	Position: 189° / 2749 m	Direction: West; Behavior: Traveling	
Sighting Number	<b>09</b>	Quality: Fair Beaufort: 1		<b>Total 4 — 0 Calves</b>		
		11:13	19:13-GMT	Position: 134° / 3088 m	Direction: West; Behavior: Traveling	
		11:15	19:15-GMT	Position: 139° / 3088 m	Direction: West; Behavior: Traveling	
		11:20	19:20-GMT	Position: 146° / m	Direction: West; Behavior: Traveling • Sharking	
		11:23	19:23-GMT	Position: 152° / 2749 m	Direction: West; Behavior: Traveling • Sharking	
		11:28	19:28-GMT	Position: 161° / 2749 m	Direction: West; Behavior: Traveling	
		11:29	19:29-GMT	Position: 168° / 2260 m	Direction: West; Behavior: Traveling	
		11:33	19:33-GMT	Position: 174° / 2260 m	Direction: West; Behavior: Traveling • Sharking	
		11:35	19:35-GMT	Position: 182° / 2260 m	Direction: West; Behavior: Traveling • Sharking	
		11:38	19:38-GMT	Position: 160° / 2749 m	Direction: West; Behavior: Traveling • Sharking	
Sighting Number	<b>12</b>	Quality: Fair Beaufort: 1		<b>Total 1 — 0 Calves</b>		
		12:28	20:28-GMT	Position: 176° / 2749 m	Direction: West; Behavior: Traveling	
		12:35	20:35-GMT	Position: 186° / 2749 m	Direction: West; Behavior: Traveling • Fluke	
Sighting Number	<b>15</b>	Quality: Fair Beaufort: 1		<b>Total 1 — 0 Calves</b>		
		13:27	21:27-GMT	Position: 122° / 1331 m	Direction: West; Behavior: Traveling • Traveling	
		13:30	21:30-GMT	Position: 129° / 1331 m	Direction: West; Behavior: Traveling • Fluke	
		13:36	21:36-GMT	Position: 154° / 696 m	Direction: West; Behavior: Traveling	
		13:39	21:39-GMT	Position: 179° / 600 m	Direction: West; Behavior: Traveling	
		13:45	21:45-GMT	Position: 234° / 550 m	Direction: West; Behavior: Fluke	
Sighting Number	<b>16</b>	Quality: Fair Beaufort: 1		<b>Total 1 — 0 Calves</b>		
		13:32	21:32-GMT	Position: 123° / 2260 m	Direction: West; Behavior: Traveling	
		13:36	21:36-GMT	Position: 136° / 1331 m	Direction: West; Behavior: Traveling	
		13:41	21:41-GMT	Position: 154° / 1106 m	Direction: West; Behavior: Traveling • Fluke	
		13:47	21:47-GMT	Position: 189° / 696 m	Direction: West; Behavior: Traveling	

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	17	Quality: Fair	<b>Total 2 — 0 Calves</b>		
		Beaufort: 1			
		14:26	22:26-GMT	Position: 157° / 3088 m	Direction: West; Behavior: Traveling
		14:30	22:30-GMT	Position: 164° / 2749 m	Direction: West; Behavior: Traveling
		14:37	22:37-GMT	Position: 180° / 2749 m	Direction: West; Behavior: Traveling
		14:39	22:39-GMT	Position: 184° / 2749 m	Direction: West; Behavior: Traveling
		14:45	22:45-GMT	Position: 196° / 2749 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	21	Quality: Fair	<b>Total 1 — 0 Calves</b>		
		Beaufort: 0			
		15:15	23:15-GMT	Position: 162° / 3528 m	Direction: West; Behavior: Traveling
		15:20	23:20-GMT	Position: 172° / 3088 m	Direction: West; Behavior: Traveling
		15:25	23:25-GMT	Position: 181° / 2749 m	Direction: West; Behavior: Traveling
		15:27	23:27-GMT	Position: 187° / m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	23	Quality: Fair	<b>Total 1 — 0 Calves</b>		
		Beaufort: 0	Images: <a href="#">0744-54</a>		
		15:33	23:33-GMT	Position: 153° / 661 m	Direction: West; Behavior: Traveling
				<i>Along kelp edge</i>	
		15:41	23:41-GMT	Position: 216° / 600 m	Direction: West; Behavior: Traveling
Sighting Number	24	Quality: Fair	<b>Total 1 — 0 Calves</b>		
		Beaufort: 0			
		15:51	23:51-GMT	Position: 203° / 2260 m	Direction: West; Behavior: Traveling
		16:02	0:02;	Position: 219° / 2749 m	Direction: West; Behavior: Traveling
<b>Feb 22</b>	Day 7 of 101	Daily Totals		Gray whale (northbound) 21	Calves 0
Sighting Number	01	Quality: Fair	<b>Total 2 — 0 Calves</b>		
		Beaufort: 1			
		09:08	17:08-GMT	Position: 141° / 3528 m	Direction: West; Behavior: Traveling
		09:14	17:14-GMT	Position: 145° / 3088 m	Direction: West; Behavior: Traveling • Fluke
		09:19	17:19-GMT	Position: 151° / 3088 m	Direction: West; Behavior: Traveling
		09:25	17:25-GMT	Position: 158° / 3088 m	Direction: West; Behavior: Traveling
		09:28	17:28-GMT	Position: 163° / 2749 m	Direction: West; Behavior: Traveling
		09:32	17:32-GMT	Position: 172° / 2749 m	Direction: West; Behavior: Traveling
Sighting Number	04	Quality: Fair	<b>Total 2 — 0 Calves</b>		
		Beaufort: 2			
		09:30	17:30-GMT	Position: 146° / 3088 m	Direction: West; Behavior: Traveling • Fluke
		09:37	17:37-GMT	Position: 156° / 3088 m	Direction: West; Behavior: Traveling
		09:51	17:51-GMT	Position: 184° / 3088 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	07	Quality: Fair	<b>Total 1 — 0 Calves</b>		
		Beaufort: 2			
		10:13	18:13-GMT	Position: 174° / 2260 m	Direction: West; Behavior: Traveling
Sighting Number	08	Quality: Fair	<b>Total 2 — 0 Calves</b>		
		Beaufort: 2			
		10:28	18:28-GMT	Position: 164° / 1483 m	Direction: West; Behavior: Traveling • Fluke
		10:39	18:39-GMT	Position: 211° / 1403 m	Direction: West; Behavior: Traveling

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Sighting Number	<b>09</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 2	
		<b>10:33</b> 18:33-GMT	Position: 182° / 1922 m Direction: West; Behavior: Traveling
		<b>10:34</b> 18:34-GMT	Position: 187° / 1922 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>10</b>	Quality: Fair	<b>Total 4 — 0 Calves</b>
		Beaufort: 2	
		<b>10:48</b> 18:48-GMT	Position: 175° / 2260 m Direction: West; Behavior: Traveling • Fluke
		<b>10:54</b> 18:54-GMT	Position: 196° / 1922 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 2	
		<b>11:15</b> 19:15-GMT	Position: 189° / 2749 m Direction: West; Behavior: Traveling
		<b>11:19</b> 19:19-GMT	Position: 199° / 2749 m Direction: West; Behavior: Traveling
		<b>11:20</b> 19:20-GMT	Position: 204° / 2749 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>12</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 2	
		<b>11:33</b> 19:33-GMT	Position: 144° / 3528 m Direction: West; Behavior: Traveling
		<b>11:36</b> 19:36-GMT	Position: 146° / 3528 m Direction: West; Behavior: Traveling
		<b>11:39</b> 19:39-GMT	Position: 151° / 3528 m Direction: West; Behavior: Traveling
		<b>11:42</b> 19:42-GMT	Position: 155° / 3088 m Direction: West; Behavior: Traveling
		<b>12:04</b> 20:04-GMT	Position: 193° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>15</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 2	
		<b>13:33</b> 21:33-GMT	Position: 145° / 1331 m Direction: West; Behavior: Traveling
		<b>13:47</b> 21:47-GMT	Position: 214° / 1208 m Direction: West; Behavior: Traveling
Sighting Number	<b>17</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>13:45</b> 21:45-GMT	Position: 164° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>21</b>	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>14:50</b> 22:50-GMT	Position: 134° / 3528 m Direction: West; Behavior: Traveling • Breach
		<b>14:53</b> 22:53-GMT	Position: 140° / 2260 m Direction: West; Behavior: Traveling • Fluke <i>w/ dolphins</i>
		<b>15:29</b> 23:29-GMT	Position: 224° / 3528 m Direction: West; Behavior: Traveling
		<b>15:37</b> 23:37-GMT	Position: 235° / 3528 m Direction: West; Behavior: Traveling
Sighting Number	<b>22</b>	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>15:09</b> 23:09-GMT	Position: 201° / 1331 m Direction: West; Behavior: Traveling • Fluke
		<b>15:18</b> 23:18-GMT	Position: 235° / 1331 m Direction: West; Behavior: Traveling
<b>Feb 23</b>	Day 8 of 101	Daily Totals	Gray whale (northbound) 30 Calves 0
Sighting Number	<b>05</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>09:50</b> 17:50-GMT	Position: 154° / 5027 m Direction: West; Behavior: Traveling
		<b>09:54</b> 17:54-GMT	Position: 155° / 5027 m Direction: West; Behavior: Traveling
		<b>10:04</b> 18:04-GMT	Position: 162° / 5027 m Direction: West; Behavior: Traveling • Fluke
		<b>10:12</b> 18:12-GMT	Position: 167° / 5027 m Direction: West; Behavior: Traveling • Fluke



## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

	10:22	18:22-GMT	Position: 177° / 5027 m Direction: West; Behavior: Traveling
Sighting Number	<b>07</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>
	10:15	18:15-GMT	Position: 155° / 3528 m Direction: West; Behavior: Traveling
	10:35	18:35-GMT	Position: 184° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>
	10:19	18:19-GMT	Position: 167° / 5027 m Direction: West; Behavior: Traveling <i>single trailing behind sight #5</i>
Sighting Number	<b>09</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>
	10:22	18:22-GMT	Position: 123° / 2260 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>
	10:37	18:37-GMT	Position: 132° / 2749 m Direction: West; Behavior: Traveling
	10:41	18:41-GMT	Position: 134° / 2749 m Direction: West; Behavior: Traveling
	10:56	18:56-GMT	Position: 177° / 1674 m Direction: West; Behavior: Traveling
Sighting Number	<b>13</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>
	10:54	18:54-GMT	Position: 187° / 3088 m Direction: West; Behavior: Traveling • Fluke <i>Could be sighting #9</i>
	10:59	18:59-GMT	Position: 200° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>
	11:05	19:05-GMT	Position: 130° / 2260 m Direction: West; Behavior: Traveling • Fluke
	11:10	19:10-GMT	Position: 139° / 1922 m Direction: West; Behavior: Traveling
	11:12	19:12-GMT	Position: 143° / 1674 m Direction: West; Behavior: Traveling • Fluke
	11:19	19:19-GMT	Position: 184° / 1483 m Direction: West; Behavior: Traveling • Fluke
	11:25	19:25-GMT	Position: 225° / 1922 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>15</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b>
	11:22	19:22-GMT	Position: 146° / 1106 m Direction: West; Behavior: Traveling
	11:23	19:23-GMT	Position: 151° / 1106 m Direction: West; Behavior: Traveling
	11:27	19:27-GMT	Position: 186° / 946 m Direction: West; Behavior: Traveling
Sighting Number	<b>16</b>	Quality: Good Beaufort: 1	<b>Total 2 — 0 Calves</b>
	12:04	20:04-GMT	Position: 123° / 2260 m Direction: West; Behavior: Traveling
	12:06	20:06-GMT	Position: 128° / 2260 m Direction: West; Behavior: Traveling
	12:08	20:08-GMT	Position: 132° / 1922 m Direction: West; Behavior: Traveling
	12:14	20:14-GMT	Position: 144° / 1483 m Direction: West; Behavior: Traveling
	12:23	20:23-GMT	Position: 193° / 1106 m Direction: West; Behavior: Traveling
	12:32	20:32-GMT	Position: 227° / 1020 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>18</b>	Quality: Good Beaufort: 1	<b>Total 1 — 0 Calves</b>
	12:29	20:29-GMT	Position: 122° / 1331 m Direction: West; Behavior: Traveling

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	<b>12:34</b>	20:34-GMT	Position: 132° / 1483 m	Direction: West; Behavior: Traveling
	<b>12:35</b>	20:35-GMT	Position: 135° / 1331 m	Direction: West; Behavior: Traveling
Sighting Number	<b>21</b>	Quality: Good Beaufort: 1	<b>Total 2 — 0 Calves</b>	
	<b>13:35</b>	21:35-GMT	Position: 136° / 2260 m	Direction: West; Behavior: Traveling
	<b>13:43</b>	21:43-GMT	Position: 154° / 1922 m	Direction: West; Behavior: Rolling • Sharking <i>Mating behavior</i>
	<b>13:49</b>	21:49-GMT	Position: 163° / 1674 m	Direction: West; Behavior: Sharking
	<b>13:52</b>	21:52-GMT	Position: 177° / 1483 m	Direction: West; Behavior: Rolling
	<b>13:59</b>	21:59-GMT	Position: 200° / 1483 m	Direction: West; Behavior: Rolling
Sighting Number	<b>22</b>	Quality: Good Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	<b>13:47</b>	21:47-GMT	Position: 144° / m	Direction: West; Behavior: Fluke <i>Joined #21</i>
Sighting Number	<b>23</b>	Quality: Good Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	<b>14:18</b>	22:18-GMT	Position: 126° / 1483 m	Direction: West; Behavior: Traveling
	<b>14:26</b>	22:26-GMT	Position: 164° / 1106 m	Direction: West; Behavior: Traveling • Fluke
	<b>14:33</b>	22:33-GMT	Position: 214° / 913 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>24</b>	Quality: Good Beaufort: 1	<b>Total 4 — 0 Calves</b>	
	<b>14:31</b>	22:31-GMT	Position: 149° / 3088 m	Direction: West; Behavior: Traveling
	<b>14:36</b>	22:36-GMT	Position: 154° / 3088 m	Direction: West; Behavior: Traveling
	<b>14:41</b>	22:41-GMT	Position: 165° / 2749 m	Direction: West; Behavior: Traveling
	<b>14:43</b>	22:43-GMT	Position: 169° / 2749 m	Direction: West; Behavior: Traveling
	<b>14:48</b>	22:48-GMT	Position: 180° / 2749 m	Direction: West; Behavior: Traveling
	<b>15:00</b>	23:00-GMT	Position: 209° / 2749 m	Direction: West; Behavior: Traveling
Sighting Number	<b>26</b>	Quality: Good Beaufort: 1	<b>Total 3 — 0 Calves</b>	
	<b>15:18</b>	23:18-GMT	Position: 163° / 3088 m	Direction: West; Behavior: Traveling
	<b>15:24</b>	23:24-GMT	Position: 175° / 2749 m	Direction: West; Behavior: Traveling • Fluke
	<b>15:28</b>	23:28-GMT	Position: 184° / 2749 m	Direction: West; Behavior: Traveling
	<b>15:36</b>	23:36-GMT	Position: 207° / 2260 m	Direction: West; Behavior: Traveling
Sighting Number	<b>28</b>	Quality: Good Beaufort: 1	<b>Total 2 — 0 Calves</b>	
	<b>15:33</b>	23:33-GMT	Position: 181° / 1331 m	Direction: West; Behavior: Traveling • Fluke
	<b>15:34</b>	23:34-GMT	Position: 188° / 1483 m	Direction: West; Behavior: Traveling
	<b>15:39</b>	23:39-GMT	Position: 211° / 1483 m	Direction: West; Behavior: Traveling
Sighting Number	<b>31</b>	Quality: Good Beaufort: 1	<b>Total 2 — 0 Calves</b>	
	<b>16:33</b>	0:33;	Position: 230° / 2260 m	Direction: West; Behavior: Traveling <i>Out of range</i>
	<b>16:37</b>	0:37;	Position: 243° / 2260 m	Direction: West; Behavior: Traveling • Fluke

Sighting Number	<b>01</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>09:05</b> 17:05-GMT	Position: 182° / 661 m Direction: West; Behavior: Traveling • Fluke
		<b>09:11</b> 17:11-GMT	Position: 243° / 735 m Direction: West; Behavior: Traveling <i>Just outside of kelp</i>
Sighting Number	<b>05</b>	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>10:33</b> 18:33-GMT	Position: 116° / 1922 m Direction: West; Behavior: Traveling • Fluke
		<b>10:40</b> 18:40-GMT	Position: 126° / 1483 m Direction: West; Behavior: Traveling • Fluke
		<b>10:43</b> 18:43-GMT	Position: 135° / 946 m Direction: West; Behavior: Traveling • Fluke
		<b>10:50</b> 18:50-GMT	Position: 189° / 629 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>06</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	Images: <a href="#">0774-0807</a>
		<b>10:44</b> 18:44-GMT	Position: 140° / 1674 m Direction: West; Behavior: Traveling
		<b>10:47</b> 18:47-GMT	Position: 155° / 1208 m Direction: West; Behavior: Traveling • Fluke
		<b>10:53</b> 18:53-GMT	Position: 199° / 1106 m Direction: West; Behavior: Traveling
Sighting Number	<b>07</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>10:48</b> 18:48-GMT	Position: 175° / 600 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Good	<b>Total 3 — 0 Calves</b>
		Beaufort: 1	
		<b>11:00</b> 19:00-GMT	Position: 143° / 3528 m Direction: West; Behavior: Traveling
		<b>11:02</b> 19:02-GMT	Position: 147° / 2749 m Direction: West; Behavior: Traveling • Fluke
		<b>11:10</b> 19:10-GMT	Position: 151° / 3088 m Direction: West; Behavior: Traveling • Fluke <i>Pair at .3 rtcl, single at .25 rtcl</i>
		<b>11:19</b> 19:19-GMT	Position: 177° / 2749 m Direction: West; Behavior: Fluke • Traveling
		<b>11:23</b> 19:23-GMT	Position: 190° / 2749 m Direction: West; Behavior: Fluke • Traveling
Sighting Number	<b>09</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>11:07</b> 19:07-GMT	Position: 155° / 3088 m Direction: West; Behavior: Traveling
		<b>11:11</b> 19:11-GMT	Position: 160° / 2749 m Direction: West; Behavior: Fluke
		<b>11:15</b> 19:15-GMT	Position: 168° / 2749 m Direction: West; Behavior: Traveling <i>1119 joined #8</i>
Sighting Number	<b>10</b>	Quality: Good	<b>Total 4 — 0 Calves</b>
		Beaufort: 0	
		<b>11:56</b> 19:56-GMT	Position: 134° / 3088 m Direction: West; Behavior: Traveling
		<b>12:02</b> 20:02-GMT	Position: 142° / 2749 m Direction: West; Behavior: Fluke
		<b>12:06</b> 20:06-GMT	Position: 150° / 2749 m Direction: West; Behavior: Traveling
		<b>12:09</b> 20:09-GMT	Position: 155° / 2749 m Direction: West; Behavior: Traveling
		<b>12:13</b> 20:13-GMT	Position: 165° / 2749 m Direction: West; Behavior: Fluke
		<b>12:18</b> 20:18-GMT	Position: 179° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>12:05</b> 20:05-GMT	Position: 147° / 3528 m Direction: West; Behavior: Traveling
		<b>12:19</b> 20:19-GMT	Position: 155° / 3528 m Direction: West; Behavior: Fluke

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	<b>12:29</b>	20:29-GMT	Position: 169° / 2749 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>12</b>	Quality: Good Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>12:23</b>	20:23-GMT	Position: 154° / 3528 m Direction: West; Behavior: Traveling
	<b>12:35</b>	20:35-GMT	Position: 172° / 3528 m Direction: West; Behavior: Traveling
	<b>12:39</b>	20:39-GMT	Position: 181° / 3088 m Direction: West; Behavior: Traveling
	<b>12:42</b>	20:42-GMT	Position: 189° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Good Beaufort: 0	<b>Total 2 — 0 Calves</b>
	<b>12:32</b>	20:32-GMT	Position: 151° / 2749 m Direction: West; Behavior: Fluke
	<b>12:37</b>	20:37-GMT	Position: 165° / 2260 m Direction: West; Behavior: Traveling
	<b>12:39</b>	20:39-GMT	Position: 171° / 2260 m Direction: West; Behavior: Traveling
	<b>12:41</b>	20:41-GMT	Position: 176° / 2260 m Direction: West; Behavior: Traveling • Fluke
	<b>12:46</b>	20:46-GMT	Position: 192° / m Direction: West; Behavior: Traveling
Sighting Number	<b>17</b>	Quality: Good Beaufort: 0	<b>Total 3 — 0 Calves</b>
	<b>13:26</b>	21:26-GMT	Position: 174° / 3088 m Direction: West; Behavior: Traveling
	<b>13:30</b>	21:30-GMT	Position: 180° / 3088 m Direction: West; Behavior: Traveling • Fluke
	<b>13:32</b>	21:32-GMT	Position: 184° / 2749 m Direction: West; Behavior: Traveling
	<b>13:36</b>	21:36-GMT	Position: 198° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>19</b>	Quality: Fair Beaufort: 0	<b>Total 4 — 0 Calves</b>
	<b>13:48</b>	21:48-GMT	Position: 154° / 3528 m Direction: West; Behavior: Traveling • Breach
	<b>13:56</b>	21:56-GMT	Position: 161° / 3528 m Direction: West; Behavior: Traveling • Fluke
	<b>13:58</b>	21:58-GMT	Position: 163° / 3528 m Direction: West; Behavior: Traveling
	<b>14:02</b>	22:02-GMT	Position: 168° / 3528 m Direction: West; Behavior: Breach
	<b>14:10</b>	22:10-GMT	Position: 177° / 3528 m Direction: West; Behavior: Traveling
	<b>14:18</b>	22:18-GMT	Position: 187° / 3528 m Direction: West; Behavior: Traveling
	<b>14:27</b>	22:27-GMT	Position: 201° / 3528 m Direction: West; Behavior: Breach • Fluke
Sighting Number	<b>22</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>
	<b>15:18</b>	23:18-GMT	Position: 174° / 1674 m Direction: West; Behavior: Traveling • Fluke
	<b>15:22</b>	23:22-GMT	Position: 188° / 1674 m Direction: West; Behavior: Traveling
	<b>15:24</b>	23:24-GMT	Position: 197° / 1674 m Direction: West; Behavior: Traveling
Sighting Number	<b>24</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>15:58</b>	23:58-GMT	Position: 200° / 3528 m Direction: West; Behavior: Traveling
	<b>16:04</b>	0:04;	Position: 213° / 3528 m Direction: West; Behavior: Traveling
Sighting Number	<b>25</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>
	<b>16:38</b>	0:38;	Position: 138° / 1922 m Direction: West; Behavior: Traveling
	<b>16:47</b>	0:47;	Position: 169° / 1674 m Direction: West; Behavior: Traveling
	<b>16:53</b>	0:53;	Position: 195° / 1674 m Direction: West; Behavior: Traveling

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Sighting Number	<b>26</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>
	<b>16:58</b>	0:58; Position: 128° / 3088 m	Direction: West; Behavior: Traveling • Fluke
			<i>Out of range- but got good looks with scope and didn't have to go into overtime</i>
<b>Feb 25</b>		Day 10 of 101	Daily Totals Gray whale (northbound) 20 Calves 0
Sighting Number	<b>01</b>	Quality: Poor Beaufort: 0	<b>Total 2 — 0 Calves</b>
	<b>09:27</b>	17:27-GMT	Position: 147° / 1922 m Direction: West; Behavior: Traveling
	<b>09:30</b>	17:30-GMT	Position: 151° / 1922 m Direction: West; Behavior: Traveling • Fluke
	<b>09:31</b>	17:31-GMT	Position: 159° / 1922 m Direction: West; Behavior: Traveling
	<b>09:34</b>	17:34-GMT	Position: 171° / 1922 m Direction: West; Behavior: Traveling
	<b>09:36</b>	17:36-GMT	Position: 181° / 1674 m Direction: West; Behavior: Traveling
Sighting Number	<b>02</b>	Quality: Poor Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>09:48</b>	17:48-GMT	Position: 179° / 1922 m Direction: West; Behavior: Traveling
	<b>09:54</b>	17:54-GMT	Position: 204° / 1922 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>05</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>
	<b>10:53</b>	18:53-GMT	Position: 150° / 1922 m Direction: West; Behavior: Fluke
Sighting Number	<b>07</b>	Quality: Fair Beaufort: 0	<b>Total 3 — 0 Calves</b>
	<b>11:20</b>	19:20-GMT	Position: 138° / 2749 m Direction: West; Behavior: Traveling
	<b>11:25</b>	19:25-GMT	Position: 140° / 2749 m Direction: West; Behavior: Traveling
	<b>11:27</b>	19:27-GMT	Position: 142° / 2749 m Direction: West; Behavior: Traveling
	<b>11:30</b>	19:30-GMT	Position: 144° / 2749 m Direction: West; Behavior: Traveling • Rolling
	<b>11:36</b>	19:36-GMT	Position: 152° / 2749 m Direction: West; Behavior: Traveling
	<b>11:40</b>	19:40-GMT	Position: 162° / 2749 m Direction: West; Behavior: Traveling
	<b>11:42</b>	19:42-GMT	Position: 165° / 2749 m Direction: West; Behavior: Traveling
	<b>11:47</b>	19:47-GMT	Position: 179° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Fair Beaufort: 1	<b>Total 3 — 0 Calves</b>
	<b>11:47</b>	19:47-GMT	Position: 134° / m Direction: West; Behavior: Traveling
	<b>11:48</b>	19:48-GMT	Position: 143° / 1922 m Direction: West; Behavior: Traveling
	<b>11:49</b>	19:49-GMT	Position: 145° / 1674 m Direction: West; Behavior: Traveling
	<b>11:51</b>	19:51-GMT	Position: 156° / 1483 m Direction: West; Behavior: Traveling
	<b>11:53</b>	19:53-GMT	Position: 166° / 1483 m Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>
	<b>11:54</b>	19:54-GMT	Position: 142° / 2749 m Direction: West; Behavior: Traveling • Fluke
	<b>12:00</b>	20:00-GMT	Position: 156° / 1922 m Direction: West; Behavior: Traveling
	<b>12:04</b>	20:04-GMT	Position: 164° / 1922 m Direction: West; Behavior: Traveling • Fluke
	<b>12:12</b>	20:12-GMT	Position: 199° / 1674 m Direction: West; Behavior: Fluke • Traveling

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Sighting Number	11	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		12:41 20:41-GMT	Position: 132° / 1106 m Direction: West; Behavior: Traveling
		12:48 20:48-GMT	Position: 170° / m Direction: West; Behavior: Traveling
Sighting Number	14	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		14:14 22:14-GMT	Position: 139° / 1674 m Direction: West; Behavior: Traveling
		14:26 22:26-GMT	Position: 181° / m Direction: West; Behavior: Traveling
Sighting Number	15	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		15:43 23:43-GMT	Position: 180° / 629 m Direction: West; Behavior: Traveling
		15:45 23:45-GMT	Position: 200° / 600 m Direction: West; Behavior: Traveling
Sighting Number	17	Quality: Poor	<b>Total 2 — 0 Calves</b>
		Beaufort: 2	
		15:59 23:59-GMT	Position: 223° / 946 m Direction: West; Behavior: Traveling • Fluke
		16:11 0:11;	Position: 226° / 913 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	19	Quality: Poor	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		16:45 0:45;	Position: 175° / m Direction: West; Behavior: Traveling • Fluke
		16:51 0:51;	Position: 188° / 2749 m Direction: West; Behavior: Traveling
		16:53 0:53;	Position: 194° / 2749 m Direction: West; Behavior: Traveling
<b>Feb 26</b>	Day 11 of 101	Daily Totals	Gray whale (northbound) 6 Calves 0
Sighting Number	01	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		11:21 19:21-GMT	Position: 159° / 1020 m Direction: West; Behavior: Traveling • Fluke
		11:25 19:25-GMT	Position: 194° / 1106 m Direction: West; Behavior: Traveling • Fluke
		11:25 19:25-GMT	Position: 194° / 1106 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	07	Quality: Poor	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		12:47 20:47-GMT	Position: 146° / 1922 m Direction: West; Behavior: Traveling
		12:50 20:50-GMT	Position: 151° / 1922 m Direction: West; Behavior: Traveling
		12:53 20:53-GMT	Position: 163° / 1674 m Direction: West; Behavior: Traveling • Sharking
		12:55 20:55-GMT	Position: 174° / 1331 m Direction: West; Behavior: Traveling
		12:58 20:58-GMT	Position: 188° / 1208 m Direction: West; Behavior: Traveling
Sighting Number	09	Quality: Poor	<b>Total 3 — 0 Calves</b>
		Beaufort: 1	
		13:58 21:58-GMT	Position: 201° / 5027 m Direction: West; Behavior: Traveling
		14:00 22:00-GMT	Position: 207° / 5027 m Direction: West; Behavior: Traveling
<b>Feb 27</b>	Day 12 of 101	Daily Totals	Gray whale (northbound) 9 Calves 0
Sighting Number	08	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		13:36 21:36-GMT	Position: 179° / 1922 m Direction: West; Behavior: Traveling
		13:37 21:37-GMT	Position: 195° / 1331 m Direction: West; Behavior: Traveling

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

Sighting Number	<b>09</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	Images: 0830-4
		<b>13:45</b> 21:45-GMT	Position: 162° / 946 m Direction: West; Behavior: Traveling
		<b>13:46</b> 21:46-GMT	Position: 165° / 946 m Direction: West; Behavior: Traveling
		<b>13:51</b> 21:51-GMT	Position: 218° / 946 m Direction: West; Behavior: Traveling
	<b>13:53</b> 21:53-GMT	Position: 226° / 946 m Direction: West; Behavior: Traveling • Fluke	
Sighting Number	<b>10</b>	Quality: Fair	<b>Total 3 — 0 Calves</b>
		Beaufort: 3	
		<b>14:28</b> 22:28-GMT	Position: 139° / 1922 m Direction: West; Behavior: Traveling
		<b>14:32</b> 22:32-GMT	Position: 147° / 1483 m Direction: West; Behavior: Traveling
		<b>14:36</b> 22:36-GMT	Position: 162° / 1331 m Direction: West; Behavior: Traveling
		<b>14:39</b> 22:39-GMT	Position: 172° / 1020 m Direction: West; Behavior: Traveling
	<b>14:43</b> 22:43-GMT	Position: 195° / 913 m Direction: West; Behavior: Traveling	
Sighting Number	<b>11</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>15:15</b> 23:15-GMT	Position: 144° / 2260 m Direction: West; Behavior: Traveling
		<b>15:21</b> 23:21-GMT	Position: 166° / 1483 m Direction: West; Behavior: Traveling
	<b>15:32</b> 23:32-GMT	Position: 229° / 1483 m Direction: West; Behavior: Traveling	
Sighting Number	<b>13</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>15:57</b> 23:57-GMT	Position: 150° / 3088 m Direction: West; Behavior: Traveling
		<b>15:59</b> 23:59-GMT	Position: 157° / 3088 m Direction: West; Behavior: Traveling
		<b>16:07</b> 0:07;	Position: 179° / 2749 m Direction: West; Behavior: Traveling
	<b>16:23</b> 0:23;	Position: 216° / 3088 m Direction: West; Behavior: Traveling	
Sighting Number	<b>14</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>16:18</b> 0:18;	Position: 199° / 2260 m Direction: West; Behavior: Traveling
	<b>16:24</b> 0:24;	Position: 224° / 2260 m Direction: West; Behavior: Traveling	
Sighting Number	<b>15</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>16:29</b> 0:29;	Position: 176° / 1106 m Direction: West; Behavior: Traveling
	<b>16:33</b> 0:33;	Position: 204° / 1106 m Direction: West; Behavior: Traveling	
<b>Feb 28</b>	Day 13 of 101	Daily Totals	Gray whale (northbound) 44 Calves 0
Sighting Number	<b>01</b>	Quality: Poor	<b>Total 4 — 0 Calves</b>
		Beaufort: 1	
	<b>08:05</b> 16:05-GMT	Position: 249° / 1331 m Direction: West; Behavior: Traveling	
		<i>2+2 groups</i>	
Sighting Number	<b>04</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	Images: 0837-8
		<b>09:17</b> 17:17-GMT	Position: 157° / 661 m Direction: West; Behavior: Traveling
		<b>09:18</b> 17:18-GMT	Position: 174° / 574 m Direction: West; Behavior: Traveling
	<b>09:21</b> 17:21-GMT	Position: 195° / 489 m Direction: West; Behavior: Traveling	
Sighting Number	<b>06</b>	Quality: Poor	<b>Total 2 — 0 Calves</b>
		Beaufort: 2	
	<b>10:14</b> 18:14-GMT	Position: 151° / 3088 m Direction: West; Behavior: Traveling	

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	<b>10:19</b>	18:19-GMT	Position: 166° / 2749 m	Direction: West; Behavior: Traveling
	<b>10:23</b>	18:23-GMT	Position: 180° / 1674 m	Direction: West; Behavior: Traveling
	<b>10:27</b>	18:27-GMT	Position: 201° / 1674 m	Direction: West; Behavior: Traveling • Fluke
				<a href="#">1+1</a>
Sighting Number	<b>07</b>	Quality: Poor Beaufort: 2	<b>Total 4 — 0 Calves</b>	
	<b>10:29</b>	18:29-GMT	Position: 144° / 3088 m	Direction: West; Behavior: Traveling
				<a href="#">2+2</a>
	<b>10:31</b>	18:31-GMT	Position: 149° / 2749 m	Direction: West; Behavior: Traveling • Fluke
	<b>10:36</b>	18:36-GMT	Position: 158° / 2749 m	Direction: West; Behavior: Traveling
	<b>10:40</b>	18:40-GMT	Position: 167° / 2260 m	Direction: West; Behavior: Traveling
	<b>10:45</b>	18:45-GMT	Position: 178° / 2260 m	Direction: West; Behavior: Traveling
	<b>10:48</b>	18:48-GMT	Position: 190° / 2260 m	Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Poor Beaufort: 2	<b>Total 2 — 0 Calves</b>	
	<b>11:02</b>	19:02-GMT	Position: 153° / 2749 m	Direction: West; Behavior: Traveling
	<b>11:06</b>	19:06-GMT	Position: 160° / 2749 m	Direction: West; Behavior: Traveling • Rolling
	<b>11:10</b>	19:10-GMT	Position: 174° / 2260 m	Direction: West; Behavior: Traveling
	<b>11:18</b>	19:18-GMT	Position: 198° / 1922 m	Direction: West; Behavior: Sharking • Rolling
Sighting Number	<b>13</b>	Quality: Poor Beaufort: 2	<b>Total 3 — 0 Calves</b>	
			<a href="#">Images: 0839-51</a>	
	<b>11:23</b>	19:23-GMT	Position: 151° / 1674 m	Direction: West; Behavior: Traveling
	<b>11:26</b>	19:26-GMT	Position: 161° / 1674 m	Direction: West; Behavior: Rolling • Fluke
	<b>11:32</b>	19:32-GMT	Position: 183° / m	Direction: West; Behavior: Sharking • Rolling • Fluke
	<b>11:36</b>	19:36-GMT	Position: 195° / 827 m	Direction: West; Behavior: Fluke
	<b>11:41</b>	19:41-GMT	Position: 194° / 600 m	Direction: West; Behavior: Rolling
Sighting Number	<b>14</b>	Quality: Poor Beaufort: 2	<b>Total 3 — 0 Calves</b>	
	<b>11:45</b>	19:45-GMT	Position: 151° / 3528 m	Direction: West; Behavior: Traveling
	<b>11:48</b>	19:48-GMT	Position: 156° / 2749 m	Direction: West; Behavior: Traveling
	<b>11:55</b>	19:55-GMT	Position: 171° / 2749 m	Direction: West; Behavior: Traveling
	<b>11:58</b>	19:58-GMT	Position: 177° / 2260 m	Direction: West; Behavior: Traveling
Sighting Number	<b>15</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	<b>12:15</b>	20:15-GMT	Position: 140° / 2749 m	Direction: West; Behavior: Traveling
	<b>12:19</b>	20:19-GMT	Position: 147° / 2749 m	Direction: West; Behavior: Traveling
	<b>12:26</b>	20:26-GMT	Position: 163° / 1922 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>18</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>	
	<b>13:05</b>	21:05-GMT	Position: 153° / 1674 m	Direction: West; Behavior: Traveling
	<b>13:11</b>	21:11-GMT	Position: 185° / 1483 m	Direction: West; Behavior: Traveling
Sighting Number	<b>20</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	<b>13:37</b>	21:37-GMT	Position: 172° / 1208 m	Direction: West; Behavior: Traveling



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	<b>13:38</b>	21:38-GMT	Position: 194° / 883 m	Direction: West; Behavior: Traveling
Sighting Number	<b>21</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	<b>13:39</b>	21:39-GMT	Position: 174° / 1922 m	Direction: West; Behavior: Traveling
	<b>13:46</b>	21:46-GMT	Position: 210° / 1922 m	Direction: West; Behavior: Traveling
Sighting Number	<b>22</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	<b>13:53</b>	21:53-GMT	Position: 141° / 1922 m	Direction: West; Behavior: Traveling
	<b>13:58</b>	21:58-GMT	Position: 161° / 1403 m	Direction: West; Behavior: Traveling
	<b>14:02</b>	22:02-GMT	Position: 186° / 1020 m	Direction: West; Behavior: Traveling
Sighting Number	<b>23</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>	
	<b>14:09</b>	22:09-GMT	Position: 170° / 913 m	Direction: West; Behavior: Traveling
	<b>14:11</b>	22:11-GMT	Position: 184° / 778 m	Direction: West; Behavior: Traveling
	<b>14:17</b>	22:17-GMT	Position: 229° / 946 m	Direction: West; Behavior: Traveling
Sighting Number	<b>24</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>	
	<b>14:36</b>	22:36-GMT	Position: 144° / 3088 m	Direction: West; Behavior: Traveling
	<b>14:49</b>	22:49-GMT	Position: 167° / 3528 m	Direction: West; Behavior: Traveling
	<b>14:50</b>	22:50-GMT	Position: 171° / 3528 m	Direction: West; Behavior: Traveling
	<b>14:55</b>	22:55-GMT	Position: 178° / 3088 m	Direction: West; Behavior: Traveling
	<b>15:02</b>	23:02-GMT	Position: 186° / m	Direction: West; Behavior: Traveling
Sighting Number	<b>25</b>	Quality: Fair Beaufort: 1	<b>Total 4 — 0 Calves</b>	
	<b>14:40</b>	22:40-GMT	Position: 148° / 1922 m	Direction: West; Behavior: Traveling <i>2+2</i>
	<b>14:41</b>	22:41-GMT	Position: 152° / 1674 m	Direction: West; Behavior: Traveling
	<b>14:45</b>	22:45-GMT	Position: 176° / 1403 m	Direction: West; Behavior: Traveling
	<b>14:47</b>	22:47-GMT	Position: 186° / 1403 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>27</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	<b>14:53</b>	22:53-GMT	Position: 190° / 2260 m	Direction: West; Behavior: Traveling
	<b>14:53</b>	22:53-GMT	Position: 195° / 2260 m	Direction: West; Behavior: Traveling
	<b>15:01</b>	23:01-GMT	Position: 224° / 2260 m	Direction: West; Behavior: Traveling
Sighting Number	<b>28</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	<b>15:21</b>	23:21-GMT	Position: 171° / 2260 m	Direction: West; Behavior: Traveling
	<b>15:28</b>	23:28-GMT	Position: 193° / 2260 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>29</b>	Quality: Fair Beaufort: 1	<b>Total 5 — 0 Calves</b>	
	<b>15:31</b>	23:31-GMT	Position: 142° / 3088 m	Direction: West; Behavior: Traveling <i>3+2 grouping</i>
	<b>15:43</b>	23:43-GMT	Position: 155° / 3088 m	Direction: West; Behavior: Traveling • Rolling
	<b>15:50</b>	23:50-GMT	Position: 170° / 3088 m	Direction: West; Behavior: Traveling • Fluke
	<b>15:53</b>	23:53-GMT	Position: 180° / 600 m	Direction: West; Behavior: Traveling

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		15:56	23:56-GMT	Position: 191° / 2749 m	Direction: West; Behavior: Traveling	
Sighting Number	31	Quality: Fair Beaufort: 1		<b>Total 2 — 0 Calves</b>		
		16:33	0:33;	Position: 192° / 1331 m	Direction: West; Behavior: Traveling	
		16:39	0:39;	Position: 220° / 1483 m	Direction: West; Behavior: Traveling • Fluke	
Sighting Number	32	Quality: Fair Beaufort: 1		<b>Total 2 — 0 Calves</b>		
		16:44	0:44;	Position: 135° / 1922 m	Direction: West; Behavior: Traveling • Sharking	
		16:49	0:49;	Position: 137° / 1922 m	Direction: West; Behavior: Traveling • Rolling <i>mating behavior</i>	
		16:52	0:52;	Position: 142° / 1922 m	Direction: West; Behavior: Rolling • Sharking	
<b>Mar 01</b>	Day 15 of 101	Daily Totals			Gray whale (northbound) 22	Calves 0
Sighting Number	07	Quality: Poor Beaufort: 0		<b>Total 1 — 0 Calves</b>		
		<i>Images: 1124</i>				
		14:45	22:45-GMT	Position: 152° / 1020 m	Direction: West; Behavior: Traveling • Fluke	
		14:49	22:49-GMT	Position: 202° / 778 m	Direction: West; Behavior: Traveling	
Sighting Number	09	Quality: Poor Beaufort: 0		<b>Total 3 — 0 Calves</b>		
		14:59	22:59-GMT	Position: 173° / 3528 m	Direction: West; Behavior: Traveling • Fluke <i>2+1</i>	
		15:06	23:06-GMT	Position: 184° / 3088 m	Direction: West; Behavior: Traveling • Rolling • Sharking	
		15:11	23:11-GMT	Position: 189° / 3088 m	Direction: West; Behavior: Traveling	
Sighting Number	10	Quality: Poor Beaufort: 0		<b>Total 2 — 0 Calves</b>		
		15:14	23:14-GMT	Position: 194° / 1331 m	Direction: West; Behavior: Traveling	
		15:19	23:19-GMT	Position: 219° / 1922 m	Direction: West; Behavior: Traveling	
Sighting Number	11	Quality: Poor Beaufort: 0		<b>Total 3 — 0 Calves</b>		
		15:42	23:42-GMT	Position: 195° / 5027 m	Direction: West; Behavior: Traveling	
		15:44	23:44-GMT	Position: 202° / 5027 m	Direction: West; Behavior: Breach	
Sighting Number	12	Quality: Poor Beaufort: 0		<b>Total 3 — 0 Calves</b>		
		15:44	23:44-GMT	Position: 190° / 1106 m	Direction: West; Behavior: Traveling • Fluke	
		15:53	23:53-GMT	Position: 239° / 1403 m	Direction: West; Behavior: Traveling • Fluke	
Sighting Number	13	Quality: Poor Beaufort: 0		<b>Total 2 — 0 Calves</b>		
		15:56	23:56-GMT	Position: 198° / 3528 m	Direction: West; Behavior: Traveling	
		16:03	0:03;	Position: 205° / 3528 m	Direction: West; Behavior: Traveling • Fluke	
Sighting Number	15	Quality: Poor Beaufort: 0		<b>Total 1 — 0 Calves</b>		
		<i>Images: 1128-34</i>				
		16:20	0:20;	Position: 174° / 661 m	Direction: West; Behavior: Traveling	
		16:22	0:22;	Position: 189° / 600 m	Direction: West; Behavior: Traveling	
		16:25	0:25;	Position: 229° / 778 m	Direction: West; Behavior: Traveling • Fluke	
Sighting Number	17	Quality: Poor Beaufort: 0		<b>Total 2 — 0 Calves</b>		
		16:26	0:26;	Position: 197° / 3528 m	Direction: West; Behavior: Traveling	

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	<b>16:27</b>	0:27;	Position: 199° / 3528 m Direction: West; Behavior: Traveling
	<b>16:29</b>	0:29;	Position: 202° / 3528 m Direction: West; Behavior: Traveling
	<b>16:34</b>	0:34;	Position: 204° / 3528 m Direction: West; Behavior: Traveling
	<b>16:39</b>	0:39;	Position: 209° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>18</b>	Quality: Poor Beaufort: 1	<b>Total 2 — 0 Calves</b>
	<b>16:42</b>	0:42;	Position: 166° / 3088 m Direction: West; Behavior: Traveling • Fluke
	<b>16:49</b>	0:49;	Position: 176° / 3088 m Direction: West; Behavior: Traveling
	<b>16:53</b>	0:53;	Position: 181° / 3528 m Direction: West; Behavior: Traveling
Sighting Number	<b>19</b>	Quality: Poor Beaufort: 1	<b>Total 3 — 0 Calves</b>
	<b>16:48</b>	0:48;	Position: 154° / 2749 m Direction: West; Behavior: Traveling
	<b>16:51</b>	0:51;	Position: 165° / 2749 m Direction: West; Behavior: Traveling
	<b>16:54</b>	0:54;	Position: 173° / 2749 m Direction: West; Behavior: Traveling
<b>Mar 02</b>	Day 16 of 101		Daily Totals Gray whale (northbound) 39 Calves 0
Sighting Number	<b>02</b>	Quality: Poor Beaufort: 1	<b>Total 1 — 0 Calves</b>
	<b>09:58</b>	17:58-GMT	Position: 182° / 1922 m Direction: West; Behavior: Traveling • Fluke
	<b>10:06</b>	18:06-GMT	Position: 218° / 1922 m Direction: West; Behavior: Traveling
	<b>10:07</b>	18:07-GMT	Position: 222° / 2260 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>03</b>	Quality: Poor Beaufort: 1	<b>Total 3 — 0 Calves</b>
	<b>09:59</b>	17:59-GMT	Position: 203° / 2260 m Direction: West; Behavior: Traveling
	<b>10:05</b>	18:05-GMT	Position: 215° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>04</b>	Quality: Poor Beaufort: 1	<b>Total 2 — 0 Calves</b>
	<b>10:08</b>	18:08-GMT	Position: 135° / 2260 m Direction: West; Behavior: Traveling
	<b>10:12</b>	18:12-GMT	Position: 145° / 2260 m Direction: West; Behavior: Traveling
	<b>10:17</b>	18:17-GMT	Position: 167° / 1403 m Direction: West; Behavior: Traveling
Sighting Number	<b>06</b>	Quality: Poor Beaufort: 1	<b>Total 1 — 0 Calves</b>
	<b>10:28</b>	18:28-GMT	Position: 137° / 1674 m Direction: West; Behavior: Traveling
	<b>10:38</b>	18:38-GMT	Position: 168° / 1483 m Direction: West; Behavior: Traveling
Sighting Number	<b>07</b>	Quality: Poor Beaufort: 1	<b>Total 1 — 0 Calves</b>
	<b>10:29</b>	18:29-GMT	Position: 140° / 2260 m Direction: West; Behavior: Traveling
	<b>10:37</b>	18:37-GMT	Position: 165° / 2260 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Poor Beaufort: 1	<b>Total 3 — 0 Calves</b>
	<b>10:40</b>	18:40-GMT	Position: 148° / 1674 m Direction: West; Behavior: Traveling
	<b>10:47</b>	18:47-GMT	Position: 178° / 1483 m Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Poor Beaufort: 1	<b>Total 2 — 0 Calves</b>
	<b>11:02</b>	19:02-GMT	Position: 148° / 1331 m Direction: West; Behavior: Traveling
	<b>11:04</b>	19:04-GMT	Position: 162° / 1106 m Direction: West; Behavior: Traveling

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	11:06	19:06-GMT	Position: 169° / 1106 m Direction: West; Behavior: Traveling
	11:07	19:07-GMT	Position: 177° / 1106 m Direction: West; Behavior: Traveling
Sighting Number	11	Quality: Poor Beaufort: 0	<b>Total 1 — 0 Calves</b>
	11:13	19:13-GMT	Position: 159° / 883 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	12	Quality: Poor Beaufort: 0	<b>Total 3 — 0 Calves</b>
	11:16	19:16-GMT	Position: 135° / 1674 m Direction: West; Behavior: Traveling • Breach <i>breached 3 times</i>
	11:17	19:17-GMT	Position: 139° / 1483 m Direction: West; Behavior: Traveling • Fluke
	11:18	19:18-GMT	Position: 144° / 1483 m Direction: West; Behavior: Traveling • Breach
	11:20	19:20-GMT	Position: 149° / 1483 m Direction: West; Behavior: Traveling
	11:26	19:26-GMT	Position: 177° / 946 m Direction: West; Behavior: Traveling
	11:28	19:28-GMT	Position: 198° / 883 m Direction: West; Behavior: Traveling
Sighting Number	13	Quality: Poor Beaufort: 0	<b>Total 1 — 0 Calves</b>
	11:18	19:18-GMT	Position: 199° / 1331 m Direction: West; Behavior: Traveling
Sighting Number	18	Quality: Poor Beaufort: 0	<b>Total 1 — 0 Calves</b>
	11:50	19:50-GMT	Position: 154° / 946 m Direction: West; Behavior: Traveling
	11:51	19:51-GMT	Position: 160° / 946 m Direction: West; Behavior: Traveling
	11:53	19:53-GMT	Position: 174° / 946 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	19	Quality: Fair Beaufort: 0	<b>Total 7 — 0 Calves</b> <i>Images: 1145-51</i>
	12:13	20:13-GMT	Position: 134° / 2260 m Direction: West; Behavior: Traveling • Fluke <i>4+3</i>
	12:16	20:16-GMT	Position: 141° / 1483 m Direction: West; Behavior: Traveling
	12:23	20:23-GMT	Position: 173° / 1208 m Direction: West; Behavior: Traveling • Fluke <i>Seven at surface</i>
Sighting Number	20	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>
	12:27	20:27-GMT	Position: 136° / 1674 m Direction: West; Behavior: Traveling
	12:39	20:39-GMT	Position: 146° / 1483 m Direction: West; Behavior: Traveling
Sighting Number	21	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>
	12:42	20:42-GMT	Position: 144° / 2749 m Direction: West; Behavior: Traveling
	12:42	20:42-GMT	Position: 148° / 2749 m Direction: West; Behavior: Traveling
	12:53	20:53-GMT	Position: 165° / 1674 m Direction: West; Behavior: Traveling
	12:57	20:57-GMT	Position: 174° / 1674 m Direction: West; Behavior: Traveling
	13:06	21:06-GMT	Position: 203° / 1922 m Direction: West; Behavior: Traveling
Sighting Number	24	Quality: Fair Beaufort: 0	<b>Total 3 — 0 Calves</b>
	14:17	22:17-GMT	Position: 162° / 1922 m Direction: West; Behavior: Traveling • Fluke
	14:23	22:23-GMT	Position: 190° / 1483 m Direction: West; Behavior: Traveling
	14:24	22:24-GMT	Position: 192° / 1483 m Direction: West; Behavior: Traveling • Fluke

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

Sighting Number	<b>25</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>
	<b>14:28</b>	22:28-GMT	Position: 116° / 2749 m Direction: West; Behavior: Breach • Traveling <i>3 breaches</i>
	<b>14:45</b>	22:45-GMT	Position: 179° / 1331 m Direction: West; Behavior: Traveling • Breach
Sighting Number	<b>27</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>15:19</b>	23:19-GMT	Position: 146° / 1922 m Direction: West; Behavior: Traveling
	<b>15:35</b>	23:35-GMT	Position: 208° / 1922 m Direction: West; Behavior: Traveling
Sighting Number	<b>28</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>15:52</b>	23:52-GMT	Position: 184° / 1331 m Direction: West; Behavior: Traveling
Sighting Number	<b>29</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>
	<b>16:38</b>	0:38;	Position: 148° / 1403 m Direction: West; Behavior: Traveling
	<b>16:45</b>	0:45;	Position: 165° / 1674 m Direction: West; Behavior: Traveling
	<b>16:46</b>	0:46;	Position: 169° / 1674 m Direction: West; Behavior: Traveling
	<b>16:51</b>	0:51;	Position: 188° / 1922 m Direction: West; Behavior: Traveling
<b>Mar 03</b>	Day 17 of 101	Daily Totals Gray whale (northbound) 50 Calves 0	
Sighting Number	<b>03</b>	Quality: Poor Beaufort: 1	<b>Total 3 — 0 Calves</b>
	<b>10:14</b>	18:14-GMT	Position: 150° / 3088 m Direction: West; Behavior: Traveling • Rolling <i>Mating behavior</i>
	<b>10:23</b>	18:23-GMT	Position: 167° / 2749 m Direction: West; Behavior: Traveling
	<b>10:27</b>	18:27-GMT	Position: 179° / 2749 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>04</b>	Quality: Poor Beaufort: 1	<b>Total 2 — 0 Calves</b>
	<b>10:24</b>	18:24-GMT	Position: 163° / 1106 m Direction: West; Behavior: Traveling • Fluke
	<b>10:29</b>	18:29-GMT	Position: 192° / 1106 m Direction: West; Behavior: Traveling
	<b>10:35</b>	18:35-GMT	Position: 234° / 1331 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>07</b>	Quality: Poor Beaufort: 1	<b>Total 1 — 0 Calves</b>
	<b>11:03</b>	19:03-GMT	Position: 141° / 3088 m Direction: West; Behavior: Traveling
	<b>11:06</b>	19:06-GMT	Position: 146° / 3088 m Direction: West; Behavior: Traveling
	<b>11:13</b>	19:13-GMT	Position: 152° / 3088 m Direction: West; Behavior: Traveling
	<b>11:23</b>	19:23-GMT	Position: 170° / 2749 m Direction: West; Behavior: Traveling
	<b>11:28</b>	19:28-GMT	Position: 184° / 2260 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Poor Beaufort: 1	<b>Total 1 — 0 Calves</b>
	<b>11:07</b>	19:07-GMT	Position: 142° / 1106 m Direction: West; Behavior: Traveling
	<b>11:08</b>	19:08-GMT	Position: 145° / 1106 m Direction: West; Behavior: Traveling
	<b>11:09</b>	19:09-GMT	Position: 155° / 946 m Direction: West; Behavior: Traveling
	<b>11:10</b>	19:10-GMT	Position: 161° / 946 m Direction: West; Behavior: Traveling
	<b>11:15</b>	19:15-GMT	Position: 201° / 827 m Direction: West; Behavior: Traveling • Fluke

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	<b>09</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>11:08</b>	19:08-GMT Position: 138° / 2260 m Direction: West; Behavior: Traveling
		<b>11:12</b>	19:12-GMT Position: 152° / 2260 m Direction: West; Behavior: Traveling
		<b>11:18</b>	19:18-GMT Position: 180° / 1483 m Direction: West; Behavior: Traveling
		<b>11:26</b>	19:26-GMT Position: 217° / 1403 m Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>11:20</b>	19:20-GMT Position: 150° / 946 m Direction: West; Behavior: Traveling
		<b>11:27</b>	19:27-GMT Position: 192° / 778 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Poor	<b>Total 3 — 0 Calves</b>
		Beaufort: 1	
		<b>11:42</b>	19:42-GMT Position: 142° / 1674 m Direction: West; Behavior: Traveling • Fluke
		<b>11:48</b>	19:48-GMT Position: 163° / 1483 m Direction: West; Behavior: Traveling • Fluke
		<b>11:57</b>	19:57-GMT Position: 204° / 1208 m Direction: West; Behavior: Traveling
Sighting Number	<b>13</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>12:01</b>	20:01-GMT Position: 172° / 2749 m Direction: West; Behavior: Traveling
		<b>12:06</b>	20:06-GMT Position: 182° / 2749 m Direction: West; Behavior: Traveling
		<b>12:09</b>	20:09-GMT Position: 192° / 2260 m Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>12:06</b>	20:06-GMT Position: 143° / 2749 m Direction: West; Behavior: Traveling • Fluke
		<b>12:15</b>	20:15-GMT Position: 159° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>15</b>	Quality: Poor	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>12:14</b>	20:14-GMT Position: 134° / 1483 m Direction: West; Behavior: Traveling • Fluke
		<b>12:18</b>	20:18-GMT Position: 152° / 1483 m Direction: West; Behavior: Traveling • Fluke
		<b>12:23</b>	20:23-GMT Position: 179° / 1106 m Direction: West; Behavior: Traveling
Sighting Number	<b>16</b>	Quality: Poor	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>12:27</b>	20:27-GMT Position: 184° / 1331 m Direction: West; Behavior: Traveling
		<b>12:32</b>	20:32-GMT Position: 212° / 1403 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>17</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>12:35</b>	20:35-GMT Position: 142° / 1208 m Direction: West; Behavior: Traveling
		<b>12:39</b>	20:39-GMT Position: 167° / 946 m Direction: West; Behavior: Traveling
		<b>12:43</b>	20:43-GMT Position: 188° / 883 m Direction: West; Behavior: Traveling
Sighting Number	<b>18</b>	Quality: Poor	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>12:48</b>	20:48-GMT Position: 175° / 3088 m Direction: West; Behavior: Traveling
		<b>12:53</b>	20:53-GMT Position: 184° / 3088 m Direction: West; Behavior: Traveling • Fluke
		<b>12:59</b>	20:59-GMT Position: 194° / 3088 m Direction: West; Behavior: Traveling

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Sighting Number	<b>20</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>13:59</b> 21:59-GMT	Position: 168° / 3088 m Direction: West; Behavior: Traveling
		<b>14:12</b> 22:12-GMT	Position: 189° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>21</b>	Quality: Poor	<b>Total 5 — 0 Calves</b>
		Beaufort: 0	
		<b>14:26</b> 22:26-GMT	Position: 134° / 3088 m Direction: West; Behavior: Traveling • Fluke <i>3 + 2</i>
		<b>14:29</b> 22:29-GMT	Position: 137° / 2749 m Direction: West; Behavior: Traveling
		<b>14:31</b> 22:31-GMT	Position: 144° / 2260 m Direction: West; Behavior: Traveling • Fluke
		<b>14:34</b> 22:34-GMT	Position: 147° / 2260 m Direction: West; Behavior: Traveling • Fluke
		<b>14:37</b> 22:37-GMT	Position: 161° / 2260 m Direction: West; Behavior: Traveling • Rolling
		<b>14:39</b> 22:39-GMT	Position: 164° / 1922 m Direction: West; Behavior: Traveling
		<b>14:41</b> 22:41-GMT	Position: 174° / 1922 m Direction: West; Behavior: Traveling
Sighting Number	<b>22</b>	Quality: Poor	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>14:35</b> 22:35-GMT	Position: 146° / 1106 m Direction: West; Behavior: Traveling <i>Joined with sighting #23</i>
		<b>14:37</b> 22:37-GMT	Position: 157° / 913 m Direction: West; Behavior: Traveling
		<b>14:38</b> 22:38-GMT	Position: 161° / 913 m Direction: West; Behavior: Traveling
		<b>14:53</b> 22:53-GMT	Position: 189° / 913 m Direction: West; Behavior: Traveling • Fluke <i>Both fluked</i>
Sighting Number	<b>23</b>	Quality: Poor	<b>Total 3 — 0 Calves</b>
		Beaufort: 0	
		<b>14:44</b> 22:44-GMT	Position: 147° / 1483 m Direction: West; Behavior: Traveling <i>Joined with sighting #22</i>
		<b>14:45</b> 22:45-GMT	Position: 151° / 1106 m Direction: West; Behavior: Traveling
		<b>14:37</b> 22:37-GMT	Position: 222° / 913 m Direction: West; Behavior: Traveling
Sighting Number	<b>24</b>	Quality: Poor	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>14:50</b> 22:50-GMT	Position: 160° / 3528 m Direction: West; Behavior: Traveling
		<b>14:51</b> 22:51-GMT	Position: 162° / 2749 m Direction: West; Behavior: Traveling
		<b>15:01</b> 23:01-GMT	Position: 184° / 2749 m Direction: West; Behavior: Traveling
		<b>15:07</b> 23:07-GMT	Position: 200° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>25</b>	Quality: Poor	<b>Total 3 — 0 Calves</b>
		Beaufort: 0	
		<b>15:13</b> 23:13-GMT	Position: 180° / 2749 m Direction: West; Behavior: Traveling
		<b>15:18</b> 23:18-GMT	Position: 184° / 2749 m Direction: West; Behavior: Traveling
		<b>15:20</b> 23:20-GMT	Position: 186° / 2749 m Direction: West; Behavior: Traveling • Sharking
		<b>15:21</b> 23:21-GMT	Position: 187° / 2749 m Direction: West; Behavior: Traveling • Fluke
		<b>15:35</b> 23:35-GMT	Position: 210° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>26</b>	Quality: Poor	<b>Total 3 — 0 Calves</b>
		Beaufort: 0	
		<b>15:25</b> 23:25-GMT	Position: 182° / 3088 m Direction: West; Behavior: Traveling <i>2 + 1</i>

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	15:26	23:26-GMT	Position: 184° / 3088 m	Direction: West; Behavior: Traveling • Fluke
	15:36	23:36-GMT	Position: 194° / 2749 m	Direction: West; Behavior: Traveling
Sighting Number	<b>27</b>	Quality: Fair Beaufort: 1	<b>Total 4 — 0 Calves</b>	
	15:30	23:30-GMT	Position: 136° / 1922 m	Direction: West; Behavior: Traveling • Fluke
	15:35	23:35-GMT	Position: 156° / 1331 m	Direction: West; Behavior: Traveling
	15:43	23:43-GMT	Position: 187° / 1106 m	Direction: West; Behavior: Traveling
	15:47	23:47-GMT	Position: 208° / 1106 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>28</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>	
	15:59	23:59-GMT	Position: 144° / 2749 m	Direction: West; Behavior: Traveling • Fluke
	16:06	0:06;	Position: 154° / 2749 m	Direction: West; Behavior: Traveling
	16:17	0:17;	Position: 165° / 2749 m	Direction: West; Behavior: Traveling
Sighting Number	<b>29</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	16:23	0:23;	Position: 149° / 2749 m	Direction: West; Behavior: Traveling
	16:28	0:28;	Position: 164° / 2749 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>30</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	16:46	0:46;	Position: 153° / 3528 m	Direction: West; Behavior: Traveling
	16:52	0:52;	Position: 158° / 3528 m	Direction: West; Behavior: Traveling
	16:54	0:54;	Position: 159° / 3528 m	Direction: West; Behavior: Traveling
Sighting Number	<b>31</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	16:54	0:54;	Position: 170° / 3088 m	Direction: West; Behavior: Traveling
	16:58	0:58;	Position: 173° / 3528 m	Direction: West; Behavior: Traveling
Sighting Number	<b>32</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	16:55	0:55;	Position: 168° / 1922 m	Direction: West; Behavior: Traveling • Fluke
<b>Mar 04</b>	Day 18 of 101		Daily Totals	Gray whale (northbound) 39 Calves 0
Sighting Number	<b>06</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>	
	10:16	18:16-GMT	Position: 147° / 3088 m	Direction: West; Behavior: Traveling
	10:21	18:21-GMT	Position: 151° / 3088 m	Direction: West; Behavior: Traveling
	10:28	18:28-GMT	Position: 161° / 2749 m	Direction: West; Behavior: Traveling • Rolling
	10:30	18:30-GMT	Position: 164° / 2749 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>07</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>	
	10:32	18:32-GMT	Position: 137° / 2260 m	Direction: West; Behavior: Traveling • Fluke
	10:36	18:36-GMT	Position: 141° / 1922 m	Direction: West; Behavior: Traveling
	10:38	18:38-GMT	Position: 144° / 1922 m	Direction: West; Behavior: Traveling • Fluke
	10:43	18:43-GMT	Position: 160° / 1674 m	Direction: West; Behavior: Traveling



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Sighting Number	<b>08</b>	Quality: Fair	<b>Total 4 — 0 Calves</b>
		Beaufort: 0	
		<b>10:49</b> 18:49-GMT	Position: 141° / 1922 m Direction: West; Behavior: Traveling <b>2 + 2</b>
		<b>10:51</b> 18:51-GMT	Position: 144° / 1922 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>09</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>11:00</b> 19:00-GMT	Position: 137° / 3088 m Direction: West; Behavior: Traveling
		<b>11:00</b> 19:00-GMT	Position: 138° / 3088 m Direction: West; Behavior: Traveling
		<b>11:02</b> 19:02-GMT	Position: 140° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>11:01</b> 19:01-GMT	Position: 153° / 2260 m Direction: West; Behavior: Traveling
		<b>11:08</b> 19:08-GMT	Position: 175° / 1674 m Direction: West; Behavior: Traveling
		<b>11:07</b> 19:07-GMT	Position: 147° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>11:44</b> 19:44-GMT	Position: 174° / 1483 m Direction: West; Behavior: Traveling
		<b>11:46</b> 19:46-GMT	Position: 180° / 1483 m Direction: West; Behavior: Traveling
		<b>11:13</b> 19:13-GMT	Position: 157° / 2749 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>12</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>11:57</b> 19:57-GMT	Position: 160° / 946 m Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>12:29</b> 20:29-GMT	Position: 154° / 2749 m Direction: West; Behavior: Traveling • Breach
Sighting Number	<b>15</b>	Quality: Fair	<b>Total 6 — 0 Calves</b>
		Beaufort: 1	
		<b>12:47</b> 20:47-GMT	Position: 157° / 3088 m Direction: West; Behavior: Traveling • Rolling <b>3 + 3</b>
Sighting Number	<b>17</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>12:35</b> 20:35-GMT	Position: 162° / 2749 m Direction: West; Behavior: Traveling • Breach • Fluke
		<b>12:44</b> 20:44-GMT	Position: 177° / 2749 m Direction: West; Behavior: Traveling
		<b>12:51</b> 20:51-GMT	Position: 165° / 2749 m Direction: West; Behavior: Traveling • Sharking
Sighting Number	<b>18</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>12:55</b> 20:55-GMT	Position: 174° / 2749 m Direction: West; Behavior: Traveling
		<b>12:59</b> 20:59-GMT	Position: 183° / 2749 m Direction: West; Behavior: Traveling
		<b>13:44</b> 21:44-GMT	Position: 168° / 629 m Direction: West; Behavior: Traveling
Sighting Number	<b>18</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>13:49</b> 21:49-GMT	Position: 152° / 1106 m Direction: West; Behavior: Traveling
		<b>13:52</b> 21:52-GMT	Position: 167° / 1106 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>18</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
<b>14:00</b> 22:00-GMT	Position: 196° / 1106 m Direction: West; Behavior: Traveling		

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Sighting Number	20	Quality: Fair	<b>Total 3 — 0 Calves</b>		
		Beaufort: 0			
		14:22	22:22-GMT	Position: 148° / 1483 m	Direction: West; Behavior: Traveling • Sharking
					<i>Mating behavior</i>
		14:27	22:27-GMT	Position: 152° / 1483 m	Direction: West; Behavior: Traveling • Rolling
		14:30	22:30-GMT	Position: 154° / 1331 m	Direction: West; Behavior: Traveling • Rolling • Sharking
		14:34	22:34-GMT	Position: 176° / 1331 m	Direction: West; Behavior: Traveling
		14:39	22:39-GMT	Position: 194° / 1208 m	Direction: West; Behavior: Traveling
Sighting Number	22	Quality: Fair	<b>Total 4 — 0 Calves</b>		
		Beaufort: 0	Images: 1207-13		
		14:43	22:43-GMT	Position: 134° / 1922 m	Direction: West; Behavior: Traveling
		14:45	22:45-GMT	Position: 136° / 1922 m	Direction: West; Behavior: Traveling • Breach • Fluke
				<i>Four breaches</i>	
		14:49	22:49-GMT	Position: 153° / 1483 m	Direction: West; Behavior: Traveling • Fluke • Rolling
Sighting Number	23	Quality: Fair	<b>Total 2 — 0 Calves</b>		
		Beaufort: 0			
		15:09	23:09-GMT	Position: 132° / 2260 m	Direction: West; Behavior: Traveling
		15:15	23:15-GMT	Position: 146° / 1483 m	Direction: West; Behavior: Traveling • Fluke
		15:28	23:28-GMT	Position: 207° / 1106 m	Direction: West; Behavior: Traveling
		15:30	23:30-GMT	Position: 218° / 1106 m	Direction: West; Behavior: Traveling
Sighting Number	24	Quality: Fair	<b>Total 2 — 0 Calves</b>		
		Beaufort: 0			
		15:38	23:38-GMT	Position: 137° / 3088 m	Direction: West; Behavior: Traveling
		15:51	23:51-GMT	Position: 148° / 2749 m	Direction: West; Behavior: Traveling
		16:03	0:03;	Position: 181° / 3088 m	Direction: West; Behavior: Traveling • Breach
				<i>Breached two times</i>	
Sighting Number	25	Quality: Fair	<b>Total 2 — 0 Calves</b>		
		Beaufort: 0			
		15:42	23:42-GMT	Position: 158° / 1922 m	Direction: West; Behavior: Traveling
		15:46	23:46-GMT	Position: 166° / 1483 m	Direction: West; Behavior: Traveling
Sighting Number	26	Quality: Fair	<b>Total 1 — 0 Calves</b>		
		Beaufort: 0	Images: 1232-52		
		16:06	0:06;	Position: 166° / 696 m	Direction: West; Behavior: Traveling
		15:13	23:13-GMT	Position: 207° / 600 m	Direction: West; Behavior: Traveling
		16:14	0:14;	Position: 218° / 600 m	Direction: West; Behavior: Traveling
Sighting Number	27	Quality: Fair	<b>Total 1 — 0 Calves</b>		
		Beaufort: 0			
		16:59	0:59;	Position: 140° / 2260 m	Direction: West; Behavior: Traveling
<b>Mar 05</b>	Day 19 of 101		Daily Totals	Gray whale (northbound) 5	Calves 0
Sighting Number	01	Quality: Poor	<b>Total 1 — 0 Calves</b>		
		Beaufort: 3			
		10:09	18:09-GMT	Position: 168° / 2260 m	Direction: West; Behavior: Traveling
		10:16	18:16-GMT	Position: 193° / 1922 m	Direction: West; Behavior: Traveling
		10:20	18:20-GMT	Position: 209° / 1922 m	Direction: West; Behavior: Traveling

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

Sighting Number	<b>02</b>	Quality: Poor	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	
		<b>10:38</b>	18:38-GMT Position: 139° / 2749 m Direction: West; Behavior: Traveling
		<b>10:49</b>	18:49-GMT Position: 160° / 2749 m Direction: West; Behavior: Traveling
		<b>10:56</b>	18:56-GMT Position: 176° / 2260 m Direction: West; Behavior: Traveling
		<b>10:59</b>	18:59-GMT Position: 183° / 2260 m Direction: West; Behavior: Traveling
Sighting Number	<b>04</b>	Quality: Poor	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	
		<b>11:06</b>	19:06-GMT Position: 137° / 2749 m Direction: West; Behavior: Traveling • Fluke
		<b>11:08</b>	19:08-GMT Position: 139° / 2749 m Direction: West; Behavior: Traveling • Fluke
<b>Mar 06</b>	Day 20 of 101	Daily Totals	Gray whale (northbound) 3 Calves 0
Sighting Number	<b>01</b>	Quality: Poor	<b>Total 2 — 0 Calves</b>
		Beaufort: 4	
		<b>09:00</b>	17:00-GMT Position: 140° / 2260 m Direction: West; Behavior: Traveling
		<b>09:04</b>	17:04-GMT Position: 150° / 1922 m Direction: West; Behavior: Traveling
		<b>09:10</b>	17:10-GMT Position: 170° / 1674 m Direction: West; Behavior: Traveling
Sighting Number	<b>02</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 4	
		<b>09:17</b>	17:17-GMT Position: 154° / 946 m Direction: West; Behavior: Traveling
		<b>09:20</b>	17:20-GMT Position: 166° / 1106 m Direction: West; Behavior: Traveling • Fluke
<b>Mar 07</b>	Day 21 of 101	Daily Totals	Gray whale (northbound) 1 Calves 0
Sighting Number	<b>01</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 4	
		<b>09:43</b>	17:43-GMT Position: 164° / 1922 m Direction: West; Behavior: Traveling
		<b>09:51</b>	17:51-GMT Position: 191° / 1922 m Direction: West; Behavior: Traveling
<b>Mar 08</b>	Day 22 of 101	Daily Totals	Gray whale (northbound) 32 Calves 0
Sighting Number	<b>01</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>09:00</b>	17:00-GMT Position: 146° / 3528 m Direction: West; Behavior: Traveling
		<b>09:09</b>	17:09-GMT Position: 164° / 3088 m Direction: West; Behavior: Traveling
		<b>09:17</b>	17:17-GMT Position: 182° / 2749 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>03</b>	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>09:04</b>	17:04-GMT Position: 155° / 5027 m Direction: West; Behavior: Traveling
		<b>09:14</b>	17:14-GMT Position: 163° / 3528 m Direction: West; Behavior: Traveling
		<b>09:22</b>	17:22-GMT Position: 172° / 3528 m Direction: West; Behavior: Traveling
		<b>09:25</b>	17:25-GMT Position: 175° / 3528 m Direction: West; Behavior: Traveling
Sighting Number	<b>04</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>09:11</b>	17:11-GMT Position: 144° / 3088 m Direction: West; Behavior: Traveling <i>Joined with #6</i>
		<b>09:24</b>	17:24-GMT Position: 162° / 3088 m Direction: West; Behavior: Traveling
		<b>09:30</b>	17:30-GMT Position: 179° / 3088 m Direction: West; Behavior: Traveling

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	<b>05</b>	Quality: Good	<b>Total 3 — 0 Calves</b>
		Beaufort: 1	
		<b>09:28</b> 17:28-GMT	Position: 144° / 3088 m Direction: West; Behavior: Traveling
		<b>09:35</b> 17:35-GMT	Position: 154° / 3088 m Direction: West; Behavior: Traveling • Fluke
	<b>09:45</b> 17:45-GMT	Position: 189° / 3088 m Direction: West; Behavior: Traveling	
Sighting Number	<b>06</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>09:33</b> 17:33-GMT	Position: 176° / 3528 m Direction: West; Behavior: Traveling <i>Joined with #4</i>
		<b>09:39</b> 17:39-GMT	Position: 183° / 3528 m Direction: West; Behavior: Traveling
	<b>09:41</b> 17:41-GMT	Position: 184° / 3528 m Direction: West; Behavior: Traveling	
Sighting Number	<b>07</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>09:39</b> 17:39-GMT	Position: 184° / 5027 m Direction: West; Behavior: Traveling
	<b>09:46</b> 17:46-GMT	Position: 188° / 5027 m Direction: West; Behavior: Traveling	
Sighting Number	<b>08</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
	<b>09:41</b> 17:41-GMT	Position: 151° / 946 m Direction: West; Behavior: Traveling • Fluke	
Sighting Number	<b>09</b>	Quality: Good	<b>Total 3 — 0 Calves</b>
		Beaufort: 2	
		<b>10:03</b> 18:03-GMT	Position: 151° / 3528 m Direction: West; Behavior: Traveling
		<b>10:12</b> 18:12-GMT	Position: 162° / 3088 m Direction: West; Behavior: Traveling
		<b>10:21</b> 18:21-GMT	Position: 174° / 2749 m Direction: West; Behavior: Traveling
	<b>10:31</b> 18:31-GMT	Position: 190° / 2749 m Direction: West; Behavior: Traveling	
Sighting Number	<b>10</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 2	
	<b>10:16</b> 18:16-GMT	Position: 155° / 3088 m Direction: West; Behavior: Traveling	
Sighting Number	<b>11</b>	Quality: Good	<b>Total 3 — 0 Calves</b>
		Beaufort: 2	
		<b>10:24</b> 18:24-GMT	Position: 140° / 2260 m Direction: West; Behavior: Traveling
		<b>10:28</b> 18:28-GMT	Position: 149° / 1922 m Direction: West; Behavior: Traveling
	<b>10:37</b> 18:37-GMT	Position: 176° / 1674 m Direction: West; Behavior: Traveling	
Sighting Number	<b>12</b>	Quality: Good	<b>Total 5 — 0 Calves</b>
		Beaufort: 3	
		<b>10:29</b> 18:29-GMT	Position: 142° / 3088 m Direction: West; Behavior: Traveling
		<b>10:36</b> 18:36-GMT	Position: 152° / 2749 m Direction: West; Behavior: Traveling
		<b>10:44</b> 18:44-GMT	Position: 165° / 2749 m Direction: West; Behavior: Traveling
	<b>10:52</b> 18:52-GMT	Position: 180° / 2260 m Direction: West; Behavior: Traveling • Sharking	
Sighting Number	<b>13</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>10:54</b> 18:54-GMT	Position: 147° / 1922 m Direction: West; Behavior: Traveling
		<b>10:57</b> 18:57-GMT	Position: 160° / 1483 m Direction: West; Behavior: Traveling
	<b>11:02</b> 19:02-GMT	Position: 180° / 1331 m Direction: West; Behavior: Traveling	
Sighting Number	<b>15</b>	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	
	<b>11:08</b> 19:08-GMT	Position: 140° / 2749 m Direction: West; Behavior: Traveling	

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

	11:14	19:14-GMT	Position: 148° / 2260 m	Direction: West; Behavior: Traveling
	11:18	19:18-GMT	Position: 154° / 2260 m	Direction: West; Behavior: Traveling • Fluke
	11:23	19:23-GMT	Position: 166° / 2260 m	Direction: West; Behavior: Traveling <i>#15 and #16 together then seperated</i>
	11:27	19:27-GMT	Position: 177° / 2260 m	Direction: West; Behavior: Traveling
	11:32	19:32-GMT	Position: 188° / 2260 m	Direction: West; Behavior: Traveling
Sighting Number	<b>16</b>	Quality: Good Beaufort: 3	<b>Total 2 — 0 Calves</b>	
	11:10	19:10-GMT	Position: 136° / 1922 m	Direction: West; Behavior: Traveling
	11:17	19:17-GMT	Position: 150° / 1922 m	Direction: West; Behavior: Traveling
	11:18	19:18-GMT	Position: 152° / 1674 m	Direction: West; Behavior: Traveling
Sighting Number	<b>17</b>	Quality: Good Beaufort: 3	<b>Total 2 — 0 Calves</b>	
	11:47	19:47-GMT	Position: 170° / 3528 m	Direction: West; Behavior: Traveling <i>Likely #14</i>
	12:05	20:05-GMT	Position: 186° / 3528 m	Direction: West; Behavior: Traveling
Sighting Number	<b>18</b>	Quality: Fair Beaufort: 4	<b>Total 1 — 0 Calves</b>	
	12:26	20:26-GMT	Position: 139° / 2749 m	Direction: West; Behavior: Traveling
	12:36	20:36-GMT	Position: 145° / 2260 m	Direction: West; Behavior: Traveling
Sighting Number	<b>19</b>	Quality: Fair Beaufort: 4	<b>Total 2 — 0 Calves</b>	
	12:40	20:40-GMT	Position: 141° / 3088 m	Direction: West; Behavior: Traveling
	12:43	20:43-GMT	Position: 146° / 2749 m	Direction: West; Behavior: Traveling • Fluke
<b>Mar 09</b>	Day 23 of 101		Daily Totals	Gray whale (northbound) 41 Calves 0
Sighting Number	<b>01</b>	Quality: Fair Beaufort: 3	<b>Total 1 — 0 Calves</b>	
	09:01	17:01-GMT	Position: 159° / 1106 m	Direction: West; Behavior: Traveling
Sighting Number	<b>03</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>	
	09:32	17:32-GMT	Position: 149° / 1922 m	Direction: West; Behavior: Traveling • Fluke
	09:48	17:48-GMT	Position: 187° / 1922 m	Direction: West; Behavior: Traveling
Sighting Number	<b>04</b>	Quality: Fair Beaufort: 3	<b>Total 1 — 0 Calves</b>	
	09:33	17:33-GMT	Position: 154° / 2749 m	Direction: West; Behavior: Traveling
	09:37	17:37-GMT	Position: 162° / 2749 m	Direction: West; Behavior: Traveling
	09:44	17:44-GMT	Position: 176° / 2749 m	Direction: West; Behavior: Traveling
	09:46	17:46-GMT	Position: 180° / 2749 m	Direction: West; Behavior: Traveling
	09:50	17:50-GMT	Position: 187° / 2749 m	Direction: West; Behavior: Traveling
Sighting Number	<b>06</b>	Quality: Fair Beaufort: 3	<b>Total 1 — 0 Calves</b>	
	10:24	18:24-GMT	Position: 179° / 3528 m	Direction: West; Behavior: Traveling
	10:43	18:43-GMT	Position: 191° / 2749 m	Direction: West; Behavior: Traveling

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	<b>07</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>10:28</b> 18:28-GMT	Position: 174° / 539 m Direction: West; Behavior: Traveling
		<b>10:31</b> 18:31-GMT	Position: 184° / 539 m Direction: West; Behavior: Traveling
		<b>10:38</b> 18:38-GMT	Position: 209° / 539 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 4	
		<b>11:39</b> 19:39-GMT	Position: 151° / 3088 m Direction: West; Behavior: Traveling • Fluke
		<b>11:57</b> 19:57-GMT	Position: 153° / 3088 m Direction: West; Behavior: Traveling
		<b>12:03</b> 20:03-GMT	Position: 162° / 2749 m Direction: West; Behavior: Traveling
		<b>12:21</b> 20:21-GMT	Position: 197° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>12</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 4	
		<b>12:07</b> 20:07-GMT	Position: 154° / 1922 m Direction: West; Behavior: Traveling
		<b>12:11</b> 20:11-GMT	Position: 165° / 2260 m Direction: West; Behavior: Traveling
		<b>12:12</b> 20:12-GMT	Position: 170° / 2260 m Direction: West; Behavior: Traveling
		<b>12:14</b> 20:14-GMT	Position: 175° / 2260 m Direction: West; Behavior: Traveling • Breach <i>Breached to warn boat</i>
Sighting Number	<b>13</b>	Quality: Fair	<b>Total 4 — 0 Calves</b>
		Beaufort: 4	
		<b>12:26</b> 20:26-GMT	Position: 152° / 2749 m Direction: West; Behavior: Traveling <i>2 + 2</i>
		<b>12:28</b> 20:28-GMT	Position: 154° / 2749 m Direction: West; Behavior: Traveling • Rolling • Sharking
		<b>12:48</b> 20:48-GMT	Position: 196° / 2260 m Direction: West; Behavior: Traveling
		<b>12:56</b> 20:56-GMT	Position: 214° / 2260 m Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 4	
		<b>12:32</b> 20:32-GMT	Position: 161° / 661 m Direction: West; Behavior: Traveling
		<b>12:33</b> 20:33-GMT	Position: 169° / 661 m Direction: West; Behavior: Traveling
		<b>12:41</b> 20:41-GMT	Position: 194° / 735 m Direction: West; Behavior: Traveling
Sighting Number	<b>15</b>	Quality: Fair	<b>Total 3 — 0 Calves</b>
		Beaufort: 4	
		<b>12:46</b> 20:46-GMT	Position: 155° / 2749 m Direction: West; Behavior: Traveling
		<b>12:54</b> 20:54-GMT	Position: 173° / 2749 m Direction: West; Behavior: Traveling
		<b>13:02</b> 21:02-GMT	Position: 191° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>16</b>	Quality: Fair	<b>Total 5 — 0 Calves</b>
		Beaufort: 4	
		<b>13:14</b> 21:14-GMT	Position: 137° / 1483 m Direction: West; Behavior: Traveling
		<b>13:23</b> 21:23-GMT	Position: 157° / 1674 m Direction: West; Behavior: Traveling
		<b>13:33</b> 21:33-GMT	Position: 206° / 1483 m Direction: West; Behavior: Traveling
Sighting Number	<b>17</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 4	
		<b>13:27</b> 21:27-GMT	Position: 182° / 1483 m Direction: West; Behavior: Traveling
		<b>13:37</b> 21:37-GMT	Position: 202° / 1922 m Direction: West; Behavior: Traveling

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	<b>18</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>
	<b>13:30</b>	21:30-GMT	Position: 187° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>19</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>
	<b>14:01</b>	22:01-GMT	Position: 193° / 3088 m Direction: West; Behavior: Traveling
	<b>14:08</b>	22:08-GMT	Position: 198° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>20</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>
	<b>14:14</b>	22:14-GMT	Position: 163° / 5027 m Direction: West; Behavior: Traveling
	<b>14:21</b>	22:21-GMT	Position: 171° / 5027 m Direction: West; Behavior: Traveling
	<b>14:29</b>	22:29-GMT	Position: 181° / 3528 m Direction: West; Behavior: Traveling
Sighting Number	<b>21</b>	Quality: Fair Beaufort: 3	<b>Total 3 — 0 Calves</b>
	<b>14:35</b>	22:35-GMT	Position: 171° / 2260 m Direction: West; Behavior: Traveling
	<b>14:38</b>	22:38-GMT	Position: 178° / 2260 m Direction: West; Behavior: Traveling
Sighting Number	<b>22</b>	Quality: Fair Beaufort: 3	<b>Total 3 — 0 Calves</b>
	<b>14:40</b>	22:40-GMT	Position: 145° / 3528 m Direction: West; Behavior: Traveling • Fluke
	<b>14:46</b>	22:46-GMT	Position: 149° / 3088 m Direction: West; Behavior: Traveling
	<b>14:54</b>	22:54-GMT	Position: 153° / 3088 m Direction: West; Behavior: Traveling
	<b>14:58</b>	22:58-GMT	Position: 179° / 3088 m Direction: West; Behavior: Traveling
	<b>15:11</b>	23:11-GMT	Position: 200° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>23</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>
	<b>14:48</b>	22:48-GMT	Position: 181° / 2749 m Direction: West; Behavior: Traveling
	<b>15:11</b>	23:11-GMT	Position: 189° / 1922 m Direction: West; Behavior: Traveling
Sighting Number	<b>24</b>	Quality: Fair Beaufort: 3	<b>Total 3 — 0 Calves</b>
	<b>14:55</b>	22:55-GMT	Position: 157° / 3528 m Direction: West; Behavior: Traveling
	<b>15:04</b>	23:04-GMT	Position: 174° / 3528 m Direction: West; Behavior: Traveling
	<b>15:27</b>	23:27-GMT	Position: 207° / 3528 m Direction: West; Behavior: Traveling

**Mar 10** Day 24 of 101 Daily Totals Gray whale (northbound) 54 Calves 0

Sighting Number	<b>04</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>
	<b>09:42</b>	17:42-GMT	Position: 144° / 2260 m Direction: West; Behavior: Traveling • Fluke
	<b>09:46</b>	17:46-GMT	Position: 157° / 2260 m Direction: West; Behavior: Traveling
	<b>09:50</b>	17:50-GMT	Position: 170° / 2260 m Direction: West; Behavior: Traveling
Sighting Number	<b>06</b>	Quality: Fair Beaufort: 1	<b>Total 5 — 0 Calves</b>
	<b>09:52</b>	17:52-GMT	Position: 138° / 2749 m Direction: West; Behavior: Traveling 3 + 2
	<b>10:04</b>	18:04-GMT	Position: 157° / 2749 m Direction: West; Behavior: Traveling • Fluke
	<b>10:14</b>	18:14-GMT	Position: 178° / 2260 m Direction: West; Behavior: Traveling

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	<b>07</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>10:20</b>	18:20-GMT Position: 151° / 1483 m Direction: West; Behavior: Traveling
		<b>10:23</b>	18:23-GMT Position: 163° / 1331 m Direction: West; Behavior: Traveling
		<b>10:24</b>	18:24-GMT Position: 169° / 1331 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Fair	<b>Total 3 — 0 Calves</b>
		Beaufort: 1	
		<b>10:21</b>	18:21-GMT Position: 147° / 2749 m Direction: West; Behavior: Traveling 2 + 1
		<b>10:26</b>	18:26-GMT Position: 149° / 2749 m Direction: West; Behavior: Traveling
		<b>10:29</b>	18:29-GMT Position: 155° / 2749 m Direction: West; Behavior: Traveling • Fluke
		<b>10:32</b>	18:32-GMT Position: 166° / 2260 m Direction: West; Behavior: Traveling
		<b>10:37</b>	18:37-GMT Position: 176° / 2260 m Direction: West; Behavior: Traveling
		<b>10:40</b>	18:40-GMT Position: 184° / 2260 m Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>10:22</b>	18:22-GMT Position: 141° / 1674 m Direction: West; Behavior: Traveling
		<b>10:23</b>	18:23-GMT Position: 145° / 1674 m Direction: West; Behavior: Traveling • Fluke
		<b>10:29</b>	18:29-GMT Position: 159° / 1674 m Direction: West; Behavior: Traveling
		<b>10:33</b>	18:33-GMT Position: 173° / 1331 m Direction: West; Behavior: Traveling
		<b>10:35</b>	18:35-GMT Position: 182° / 1331 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Fair	<b>Total 3 — 0 Calves</b>
		Beaufort: 1	
		<b>11:00</b>	19:00-GMT Position: 140° / 3088 m Direction: West; Behavior: Traveling
		<b>11:03</b>	19:03-GMT Position: 145° / 3088 m Direction: West; Behavior: Traveling
		<b>11:07</b>	19:07-GMT Position: 153° / 3088 m Direction: West; Behavior: Traveling • Rolling
		<b>11:11</b>	19:11-GMT Position: 163° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>12</b>	Quality: Fair	<b>Total 3 — 0 Calves</b>
		Beaufort: 1	
		<b>11:02</b>	19:02-GMT Position: 138° / 3528 m Direction: West; Behavior: Traveling
		<b>11:14</b>	19:14-GMT Position: 150° / 3088 m Direction: West; Behavior: Traveling
		<b>11:23</b>	19:23-GMT Position: 160° / 3088 m Direction: West; Behavior: Traveling
		<b>11:33</b>	19:33-GMT Position: 179° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>13</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>11:03</b>	19:03-GMT Position: 140° / 1106 m Direction: West; Behavior: Traveling
		<b>11:04</b>	19:04-GMT Position: 145° / 1106 m Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>11:17</b>	19:17-GMT Position: 138° / 1922 m Direction: West; Behavior: Traveling
		<b>11:20</b>	19:20-GMT Position: 145° / 1674 m Direction: West; Behavior: Traveling
		<b>11:26</b>	19:26-GMT Position: 176° / 1331 m Direction: West; Behavior: Traveling • Fluke • Rolling



## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

Sighting Number	<b>16</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>11:21</b> 19:21-GMT	Position: 139° / 3528 m Direction: West; Behavior: Traveling
		<b>11:36</b> 19:36-GMT	Position: 157° / 3528 m Direction: West; Behavior: Traveling
		<b>11:41</b> 19:41-GMT	Position: 164° / 3088 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>18</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>12:59</b> 20:59-GMT	Position: 146° / 1674 m Direction: West; Behavior: Traveling
		<b>13:01</b> 21:01-GMT	Position: 154° / 1674 m Direction: West; Behavior: Traveling
Sighting Number	<b>19</b>	Quality: Fair	<b>Total 5 — 0 Calves</b>
		Beaufort: 3	
		<b>13:42</b> 21:42-GMT	Position: 160° / 3088 m Direction: West; Behavior: Traveling
		<b>13:46</b> 21:46-GMT	Position: 164° / 3088 m Direction: West; Behavior: Traveling • Fluke
		<b>13:52</b> 21:52-GMT	Position: 174° / 3088 m Direction: West; Behavior: Traveling
		<b>13:58</b> 21:58-GMT	Position: 185° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>20</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	
		<b>14:01</b> 22:01-GMT	Position: 139° / 1403 m Direction: West; Behavior: Traveling
		<b>14:02</b> 22:02-GMT	Position: 144° / 1331 m Direction: West; Behavior: Traveling • Fluke
		<b>14:06</b> 22:06-GMT	Position: 166° / 913 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>21</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	<a href="#">Images: 1323-25</a>
		<b>14:40</b> 22:40-GMT	Position: 135° / 1331 m Direction: West; Behavior: Traveling
		<b>14:49</b> 22:49-GMT	Position: 183° / 550 m Direction: West; Behavior: Traveling <i>Just outside kelp</i>
Sighting Number	<b>22</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>14:53</b> 22:53-GMT	Position: 206° / 1483 m Direction: West; Behavior: Traveling
Sighting Number	<b>24</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	<a href="#">Images: 1322-5</a>
		<b>15:02</b> 23:02-GMT	Position: 132° / 661 m Direction: West; Behavior: Traveling
		<b>15:09</b> 23:09-GMT	Position: 178° / 508 m Direction: West; Behavior: Traveling • Foraging <i>Kelp edge</i>
Sighting Number	<b>25</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	
		<b>15:12</b> 23:12-GMT	Position: 155° / 3528 m Direction: West; Behavior: Traveling
		<b>15:26</b> 23:26-GMT	Position: 169° / 3528 m Direction: West; Behavior: Traveling
		<b>15:36</b> 23:36-GMT	Position: 180° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>26</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 2	
		<b>15:23</b> 23:23-GMT	Position: 149° / 3088 m Direction: West; Behavior: Traveling
		<b>15:28</b> 23:28-GMT	Position: 157° / 3088 m Direction: West; Behavior: Traveling
		<b>15:38</b> 23:38-GMT	Position: 179° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>27</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 2	
		<b>15:43</b> 23:43-GMT	Position: 138° / 3088 m Direction: West; Behavior: Traveling

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	15:49	23:49-GMT	Position: 143° / 2749 m	Direction: West; Behavior: Traveling • Fluke
	16:04	0:04;	Position: 162° / 2749 m	Direction: West; Behavior: Traveling
	<a href="#">2 + 2 from S#28</a>			
Sighting Number	<b>28</b>	Quality: Fair Beaufort: 2	<b>Total 2 — 0 Calves</b>	
	15:53	23:53-GMT	Position: 143° / 2749 m	Direction: West; Behavior: Traveling
	<a href="#">Joined #27</a>			
Sighting Number	<b>29</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>	
	15:59	23:59-GMT	Position: 162° / 3528 m	Direction: West; Behavior: Traveling • Fluke
	16:07	0:07;	Position: 169° / 3528 m	Direction: West; Behavior: Traveling
Sighting Number	<b>30</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>	
	16:12	0:12;	Position: 136° / 3528 m	Direction: West; Behavior: Traveling • Rolling • Sharking
	16:26	0:26;	Position: 141° / 3088 m	Direction: West; Behavior: Traveling • Sharking
	16:39	0:39;	Position: 149° / 2749 m	Direction: West; Behavior: Traveling • Fluke
	16:45	0:45;	Position: 154° / 2749 m	Direction: West; Behavior: Traveling
Sighting Number	<b>31</b>	Quality: Fair Beaufort: 3	<b>Total 3 — 0 Calves</b>	
	16:19	0:19;	Position: 153° / 3088 m	Direction: West; Behavior: Traveling
	16:29	0:29;	Position: 165° / 3088 m	Direction: West; Behavior: Traveling
	16:38	0:38;	Position: 179° / 2749 m	Direction: West; Behavior: Traveling
Sighting Number	<b>32</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>	
	16:53	0:53;	Position: 154° / 1106 m	Direction: West; Behavior: Traveling
	16:59	0:59;	Position: 194° / 946 m	Direction: West; Behavior: Traveling
<b>Mar 12</b>	Day 26 of 101		Daily Totals	Gray whale (northbound) 1 Calves 0
Sighting Number	<b>01</b>	Quality: Poor Beaufort: 4	<b>Total 1 — 0 Calves</b>	
	08:51	16:51-GMT	Position: 145° / 1106 m	Direction: West; Behavior: Traveling
	08:57	16:57-GMT	Position: 167° / 1106 m	Direction: West; Behavior: Traveling
	<a href="#">Feeding?</a>			
<b>Mar 13</b>	Day 27 of 101		Daily Totals	Gray whale (northbound) 21 Calves 0
Sighting Number	<b>05</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>	
	09:34	16:34-GMT	Position: 120° / 2260 m	Direction: West; Behavior: Traveling • Fluke
	09:44	16:44-GMT	Position: 135° / 2260 m	Direction: West; Behavior: Traveling • Fluke
	09:55	16:55-GMT	Position: 171° / 1674 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>06</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b>	
	09:59	16:59-GMT	Position: 129° / 1922 m	Direction: West; Behavior: Traveling
	10:04	17:04-GMT	Position: 143° / 1674 m	Direction: West; Behavior: Traveling
	10:10	17:10-GMT	Position: 159° / 1403 m	Direction: West; Behavior: Traveling

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Sighting Number	<b>08</b>	Quality: Fair	<b>Total 4 — 0 Calves</b>
		Beaufort: 0	
		<b>10:29</b> 17:29-GMT	Position: 142° / 1922 m Direction: West; Behavior: Traveling • Fluke <i>2 + 2</i>
		<b>10:33</b> 17:33-GMT	Position: 155° / 1674 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>09</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 4	
		<b>12:14</b> 19:14-GMT	Position: 147° / 946 m Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	
		<b>13:53</b> 20:53-GMT	Position: 143° / 3088 m Direction: West; Behavior: Traveling <i>1 + 1</i>
		<b>13:58</b> 20:58-GMT	Position: 146° / 3088 m Direction: West; Behavior: Traveling
		<b>14:06</b> 21:06-GMT	Position: 154° / 3088 m Direction: West; Behavior: Traveling
		<b>14:11</b> 21:11-GMT	Position: 160° / 3088 m Direction: West; Behavior: Traveling
		<b>14:20</b> 21:20-GMT	Position: 173° / 3088 m Direction: West; Behavior: Traveling
		<b>14:27</b> 21:27-GMT	Position: 184° / 3088 m Direction: West; Behavior: Traveling <i>Paired together</i>
Sighting Number	<b>11</b>	Quality: Fair	<b>Total 4 — 0 Calves</b>
		Beaufort: 3	
		<b>14:00</b> 21:00-GMT	Position: 140° / 2260 m Direction: West; Behavior: Traveling
		<b>14:08</b> 21:08-GMT	Position: 156° / 2260 m Direction: West; Behavior: Traveling
		<b>14:18</b> 21:18-GMT	Position: 184° / 1922 m Direction: West; Behavior: Traveling
Sighting Number	<b>12</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>14:04</b> 21:04-GMT	Position: 159° / 5027 m Direction: West; Behavior: Traveling
		<b>14:12</b> 21:12-GMT	Position: 164° / 5027 m Direction: West; Behavior: Traveling
		<b>14:24</b> 21:24-GMT	Position: 172° / 3528 m Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 4	
		<b>15:16</b> 22:16-GMT	Position: 163° / 2749 m Direction: West; Behavior: Traveling
		<b>15:25</b> 22:25-GMT	Position: 181° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>15</b>	Quality: Fair	<b>Total 5 — 0 Calves</b>
		Beaufort: 4	
		<b>15:35</b> 22:35-GMT	Position: 167° / 2749 m Direction: West; Behavior: Traveling
		<b>15:42</b> 22:42-GMT	Position: 181° / 2260 m Direction: West; Behavior: Traveling
		<b>15:51</b> 22:51-GMT	Position: 201° / 2749 m Direction: West; Behavior: Traveling
<b>Mar 15</b>	Day 29 of 101	Daily Totals	Gray whale (northbound) 19 Calves 0
Sighting Number	<b>02</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>09:05</b> 16:05-GMT	Position: 129° / 1331 m Direction: West; Behavior: Traveling
		<b>09:12</b> 16:12-GMT	Position: 156° / 735 m Direction: West; Behavior: Traveling
		<b>09:13</b> 16:13-GMT	Position: 164° / 735 m Direction: West; Behavior: Traveling <i>smaller blow</i>
		<b>09:18</b> 16:18-GMT	Position: 192° / 661 m Direction: West; Behavior: Traveling <i>thin blow, just beyond kelp</i>

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	<b>04</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>10:16</b>	17:16-GMT Position: 143° / 1674 m Direction: West; Behavior: Traveling
		<b>10:24</b>	17:24-GMT Position: 151° / 1483 m Direction: West; Behavior: Traveling
		<b>10:25</b>	17:25-GMT Position: 153° / 1483 m Direction: West; Behavior: Traveling
		<b>10:33</b>	17:33-GMT Position: 170° / 1403 m Direction: West; Behavior: Traveling <i>Snorkeling, faint blow</i>
Sighting Number	<b>05</b>	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>10:38</b>	17:38-GMT Position: 137° / 3088 m Direction: West; Behavior: Traveling
		<b>10:46</b>	17:46-GMT Position: 150° / 2749 m Direction: West; Behavior: Traveling
		<b>10:53</b>	17:53-GMT Position: 164° / 2260 m Direction: West; Behavior: Traveling
		<b>11:00</b>	18:00-GMT Position: 180° / 2260 m Direction: West; Behavior: Traveling
Sighting Number	<b>06</b>	Quality: Good	<b>Total 4 — 0 Calves</b>
		Beaufort: 0	
		<b>10:56</b>	17:56-GMT Position: 139° / 3528 m Direction: West; Behavior: Traveling • Fluke • Rolling <i>2 + 2</i>
		<b>11:04</b>	18:04-GMT Position: 149° / 3088 m Direction: West; Behavior: Traveling
		<b>11:06</b>	18:06-GMT Position: 153° / 3088 m Direction: West; Behavior: Traveling • Rolling
		<b>11:08</b>	18:08-GMT Position: 155° / 3088 m Direction: West; Behavior: Traveling • Rolling • Sharking <i>Very social</i>
		<b>11:15</b>	18:15-GMT Position: 161° / 3088 m Direction: West; Behavior: Traveling
		<b>11:21</b>	18:21-GMT Position: 172° / 2749 m Direction: West; Behavior: Traveling
		<b>11:24</b>	18:24-GMT Position: 176° / 2749 m Direction: West; Behavior: Traveling <i>Grouped up</i>
		<b>11:27</b>	18:27-GMT Position: 184° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>07</b>	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>11:11</b>	18:11-GMT Position: 138° / 1403 m Direction: West; Behavior: Traveling
		<b>11:14</b>	18:14-GMT Position: 147° / 1331 m Direction: West; Behavior: Traveling
		<b>11:18</b>	18:18-GMT Position: 163° / 913 m Direction: West; Behavior: Traveling
		<b>11:19</b>	18:19-GMT Position: 168° / 913 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>12:28</b>	19:28-GMT Position: 134° / 1403 m Direction: West; Behavior: Traveling
		<b>12:30</b>	19:30-GMT Position: 140° / 1403 m Direction: West; Behavior: Traveling • Fluke
		<b>12:40</b>	19:40-GMT Position: 207° / 778 m Direction: West; Behavior: Traveling <i>Surfaced in oil slick</i>
Sighting Number	<b>15</b>	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	<i>Images: 1448-65</i>
		<b>13:39</b>	20:39-GMT Position: 157° / 696 m Direction: West; Behavior: Traveling <i>Right off the kelp</i>
		<b>13:40</b>	20:40-GMT Position: 161° / 629 m Direction: West; Behavior: Traveling
		<b>13:44</b>	20:44-GMT Position: 207° / 600 m Direction: West; Behavior: Traveling

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

Sighting Number	<b>18</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>16:12</b> 23:12-GMT	Position: 188° / 2260 m Direction: West; Behavior: Traveling
		<b>16:15</b> 23:15-GMT	Position: 201° / 2260 m Direction: West; Behavior: Traveling
		<b>16:16</b> 23:16-GMT	Position: 203° / 2260 m Direction: West; Behavior: Traveling
Sighting Number	<b>19</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>16:18</b> 23:18-GMT	Position: 135° / 1106 m Direction: West; Behavior: Traveling
		<b>16:24</b> 23:24-GMT	Position: 166° / 946 m Direction: West; Behavior: Traveling
		<b>16:30</b> 23:30-GMT	Position: 216° / 827 m Direction: West; Behavior: Traveling
		<b>16:31</b> 23:31-GMT	Position: 224° / 827 m Direction: West; Behavior: Traveling
Sighting Number	<b>20</b>	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>16:33</b> 23:33-GMT	Position: 144° / 3088 m Direction: West; Behavior: Traveling • Fluke
		<b>16:48</b> 23:48-GMT	Position: 165° / 2749 m Direction: West; Behavior: Traveling
		<b>16:49</b> 23:49-GMT	Position: 167° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>22</b>	Quality: Good	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>16:41</b> 23:41-GMT	Position: 150° / 1403 m Direction: West; Behavior: Traveling
		<b>16:42</b> 23:42-GMT	Position: 155° / 1403 m Direction: West; Behavior: Traveling
		<b>16:54</b> 23:54-GMT	Position: 163° / 1403 m Direction: West; Behavior: Traveling
		<b>16:54</b> 23:54-GMT	Position: 166° / 1331 m Direction: West; Behavior: Traveling
		<b>16:56</b> 23:56-GMT	Position: 168° / 1331 m Direction: West; Behavior: Traveling
		<b>16:56</b> 23:56-GMT	Position: 170° / 1331 m Direction: West; Behavior: Traveling
<b>Mar 16</b>	Day 30 of 101	Daily Totals	Gray whale (northbound) 33 Calves 0
Sighting Number	<b>01</b>	Quality: Fair	<b>Total 3 — 0 Calves</b>
		Beaufort: 0	
		<b>09:24</b> 16:24-GMT	Position: 135° / 2749 m Direction: West; Behavior: Traveling • Fluke
		<b>09:30</b> 16:30-GMT	Position: 141° / 2749 m Direction: West; Behavior: Traveling • Fluke
		<b>09:34</b> 16:34-GMT	Position: 148° / 1922 m Direction: West; Behavior: Traveling • Fluke
		<b>09:42</b> 16:42-GMT	Position: 162° / 1483 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>02</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	Images: <a href="#">1466-7</a>
		<b>09:33</b> 16:33-GMT	Position: 115° / 1674 m Direction: West; Behavior: Traveling
		<b>09:39</b> 16:39-GMT	Position: 122° / 1331 m Direction: West; Behavior: Traveling • Fluke
		<b>09:40</b> 16:40-GMT	Position: 148° / 883 m Direction: West; Behavior: Traveling
Sighting Number	<b>03</b>	Quality: Fair	<b>Total 5 — 0 Calves</b>
		Beaufort: 0	
		<b>10:13</b> 17:13-GMT	Position: 129° / 1674 m Direction: West; Behavior: Traveling • Rolling
		<b>10:15</b> 17:15-GMT	Position: 134° / 1403 m Direction: West; Behavior: Traveling
		<b>10:19</b> 17:19-GMT	Position: 146° / 1208 m Direction: West; Behavior: Traveling
		<b>10:22</b> 17:22-GMT	Position: 157° / 946 m Direction: West; Behavior: Traveling
		<b>10:24</b> 17:24-GMT	Position: 169° / 913 m Direction: West; Behavior: Traveling • Rolling

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	10:29	17:29-GMT	Position: 180° / 883 m	Direction: West; Behavior: Traveling • Rolling • Sharking
	10:35	17:35-GMT	Position: 211° / 827 m	Direction: West; Behavior: Traveling
Sighting Number	<b>05</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b> <i>Images: 1468-84</i>	
	11:00	18:00-GMT	Position: 142° / 696 m	Direction: West; Behavior: Traveling <i>Play/trying to feed</i>
	11:04	18:04-GMT	Position: 148° / 550 m	; Behavior: Traveling • Spyhop
	11:06	18:06-GMT	Position: 155° / 574 m	Direction: West; Behavior: Traveling • Foraging <i>slow</i>
	11:08	18:08-GMT	Position: 167° / 574 m	Direction: West; Behavior: Traveling • Foraging <i>Kelp edge</i>
	11:11	18:11-GMT	Position: 172° / 550 m	; Behavior: Traveling • Spyhop
	11:13	18:13-GMT	Position: 177° / 528 m	Direction: West; Behavior: Traveling <i>Just outside kelp</i>
Sighting Number	<b>06</b>	Quality: Fair Beaufort: 0	<b>Total 4 — 0 Calves</b>	
	11:14	18:14-GMT	Position: 134° / 2260 m	Direction: West; Behavior: Traveling <i>2 + 2, big separation</i>
	11:19	18:19-GMT	Position: 146° / 1922 m	Direction: West; Behavior: Traveling
	11:24	18:24-GMT	Position: 170° / 1483 m	Direction: West; Behavior: Traveling • Fluke
	11:31	18:31-GMT	Position: 200° / 1331 m	Direction: West; Behavior: Traveling <i>Lead pair</i>
	11:36	18:36-GMT	Position: 202° / 1331 m	Direction: West; Behavior: Traveling <i>Trailing pair</i>
Sighting Number	<b>08</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b>	
	11:30	18:30-GMT	Position: 122° / 1331 m	Direction: West; Behavior: Traveling
	11:34	18:34-GMT	Position: 136° / 1020 m	Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b>	
	11:46	18:46-GMT	Position: 135° / 1483 m	Direction: West; Behavior: Traveling
	11:49	18:49-GMT	Position: 145° / 1331 m	Direction: West; Behavior: Traveling
	11:56	18:56-GMT	Position: 177° / 1331 m	Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>	
	11:47	18:47-GMT	Position: 137° / 3088 m	Direction: West; Behavior: Traveling
	11:54	18:54-GMT	Position: 150° / 2749 m	Direction: West; Behavior: Traveling
	12:01	19:01-GMT	Position: 164° / 2749 m	Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>	
	12:06	19:06-GMT	Position: 156° / 1922 m	Direction: West; Behavior: Traveling
	12:12	19:12-GMT	Position: 188° / 1922 m	Direction: West; Behavior: Traveling • Rolling • Fluke
Sighting Number	<b>12</b>	Quality: Good Beaufort: 0	<b>Total 3 — 0 Calves</b>	
	12:37	19:37-GMT	Position: 120° / 3528 m	Direction: West; Behavior: Traveling • Fluke <i>Two fluked</i>

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	<b>12:41</b>	19:41-GMT	Position: 125° / 3528 m	Direction: West; Behavior: Traveling
	<b>12:45</b>	19:45-GMT	Position: 131° / 3528 m	Direction: West; Behavior: Traveling
	<b>12:48</b>	19:48-GMT	Position: 133° / 3088 m	Direction: West; Behavior: Traveling
	<b>12:51</b>	19:51-GMT	Position: 137° / 2749 m	Direction: West; Behavior: Traveling • Fluke
	<b>12:54</b>	19:54-GMT	Position: 143° / 2749 m	Direction: West; Behavior: Traveling
	<b>12:57</b>	19:57-GMT	Position: 149° / 2260 m	Direction: West; Behavior: Traveling • Fluke
	<b>12:59</b>	19:59-GMT	Position: 152° / 2260 m	Direction: West; Behavior: Traveling • Fluke
	<b>12:59</b>	19:59-GMT	Position: 154° / 2260 m	Direction: West; Behavior: Traveling
	<b>13:04</b>	20:04-GMT	Position: 166° / 1483 m	Direction: West; Behavior: Traveling
	<b>13:08</b>	20:08-GMT	Position: 184° / 1331 m	Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Good Beaufort: 0	<b>Total 1 — 0 Calves</b>	
	<b>13:56</b>	20:56-GMT	Position: 167° / 946 m	Direction: West; Behavior: Traveling
	<b>13:57</b>	20:57-GMT	Position: 180° / 827 m	Direction: West; Behavior: Traveling
	<b>14:01</b>	21:01-GMT	Position: 214° / 696 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>15</b>	Quality: Good Beaufort: 1	<b>Total 2 — 0 Calves</b>	
	<b>14:16</b>	21:16-GMT	Position: 129° / 1674 m	Direction: West; Behavior: Traveling
	<b>14:21</b>	21:21-GMT	Position: 146° / 1106 m	Direction: West; Behavior: Traveling
	<b>14:25</b>	21:25-GMT	Position: 167° / 883 m	Direction: West; Behavior: Traveling • Fluke
	<b>14:30</b>	21:30-GMT	Position: 190° / 883 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>19</b>	Quality: Good Beaufort: 1	<b>Total 2 — 0 Calves</b>	
	<b>15:53</b>	22:53-GMT	Position: 132° / 1483 m	Direction: West; Behavior: Traveling
	<b>15:58</b>	22:58-GMT	Position: 152° / 1403 m	Direction: West; Behavior: Traveling • Fluke
	<b>16:10</b>	23:10-GMT	Position: 202° / 1020 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>21</b>	Quality: Good Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	<b>16:35</b>	23:35-GMT	Position: 166° / 1483 m	Direction: West; Behavior: Traveling
	<b>16:42</b>	23:42-GMT	Position: 195° / 1483 m	Direction: West; Behavior: Traveling
Sighting Number	<b>23</b>	Quality: Good Beaufort: 1	<b>Total 1 — 0 Calves</b>	
	<b>16:42</b>	23:42-GMT	Position: 195° / 2260 m	Direction: West; Behavior: Traveling • Fluke
	<b>16:47</b>	23:47-GMT	Position: 200° / 2260 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>24</b>	Quality: Good Beaufort: 1	<b>Total 2 — 0 Calves</b>	
	<b>16:52</b>	23:52-GMT	Position: 134° / 1483 m	Direction: West; Behavior: Traveling
	<b>16:57</b>	23:57-GMT	Position: 156° / 600 m	Direction: West; Behavior: Traveling
<b>Mar 17</b>	Day 31 of 101		Daily Totals	Gray whale (northbound) 23 Calves 1
Sighting Number	<b>02</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b>	
	<b>09:05</b>	16:05-GMT	Position: 130° / 1020 m	Direction: West; Behavior: Traveling

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Sighting Number	<b>05</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>10:04</b>	17:04-GMT Position: 119° / 1674 m Direction: West; Behavior: Traveling
		<b>10:10</b>	17:10-GMT Position: 127° / 1331 m Direction: West; Behavior: Traveling • Fluke
		<b>10:16</b>	17:16-GMT Position: 166° / 913 m Direction: West; Behavior: Traveling
		<b>10:18</b>	17:18-GMT Position: 187° / 827 m Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Fair	<b>Total 4 — 0 Calves</b>
		Beaufort: 0	Images: 1492-1510
		<b>10:43</b>	17:43-GMT Position: 114° / 1922 m Direction: West; Behavior: Traveling
		<b>10:49</b>	17:49-GMT Position: 120° / 1483 m Direction: West; Behavior: Traveling
		<b>10:55</b>	17:55-GMT Position: 139° / 1106 m Direction: West; Behavior: Traveling • Fluke
		<b>11:02</b>	18:02-GMT Position: 197° / 661 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>10</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>11:04</b>	18:04-GMT Position: 207° / 5027 m Direction: West; Behavior: Traveling
		<b>11:12</b>	18:12-GMT Position: 214° / 5027 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Fair	<b>Total 3 — 0 Calves</b>
		Beaufort: 1	Images: 1521-25
		<b>12:19</b>	19:19-GMT Position: 134° / 1483 m Direction: West; Behavior: Traveling
		<b>12:24</b>	19:24-GMT Position: 145° / 1331 m Direction: West; Behavior: Traveling
		<b>12:30</b>	19:30-GMT Position: 165° / 913 m Direction: West; Behavior: Traveling • Rolling
		<b>12:34</b>	19:34-GMT Position: 190° / 827 m Direction: West; Behavior: Traveling • Rolling • Fluke
Sighting Number	<b>12</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>12:47</b>	19:47-GMT Position: 146° / 1483 m Direction: West; Behavior: Traveling
Sighting Number	<b>13</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>
		Beaufort: 1	Images: 1533-81
		<b>12:52</b>	19:52-GMT Position: 124° / 1403 m Direction: West; Behavior: Traveling <i>First Calf. Saw first approaching kelp - never saw both at surface - saw cow before kelp - calf at kelp - lots of bobbing - bubble blast then moved along kelp - did not see if traveled toward Ellwood. (Kelp Harvester passed just outside - 100 meters)</i>
		<b>12:55</b>	19:55-GMT Position: / m Direction: West; Behavior: Traveling
		<b>12:55</b>	19:55-GMT Position: 136° / 946 m Direction: West; Behavior: Traveling <i>Along kelp edge</i>
		<b>12:59</b>	19:59-GMT Position: 159° / 629 m Direction: West; Behavior: Traveling
		<b>13:01</b>	20:01-GMT Position: 168° / 600 m Direction: West; Behavior: Traveling <i>Kelp draped on back</i>
		<b>13:03</b>	20:03-GMT Position: 179° / 600 m Direction: West; Behavior: Traveling • Bubbles Blast
		<b>13:05</b>	20:05-GMT Position: 147° / 3088 m Direction: West; Behavior: Traveling
		<b>13:08</b>	20:08-GMT Position: 206° / 528 m Direction: West; Behavior: Traveling
		<b>13:12</b>	20:12-GMT Position: 241° / 778 m Direction: West; Behavior: Traveling
		Sighting Number	<b>15</b>
Beaufort: 1			
<b>13:52</b>	20:52-GMT Position: 170° / 778 m Direction: West; Behavior: Traveling		
		<b>13:53</b>	20:53-GMT Position: 188° / 600 m Direction: West; Behavior: Traveling



## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

Sighting Number	<b>16</b>	Quality: Good Beaufort: 1	<b>Total 1 — 0 Calves</b>
	<b>14:10</b>	21:10-GMT	Position: 130° / 778 m Direction: West; Behavior: Traveling
	<b>14:16</b>	21:16-GMT	Position: 185° / 574 m Direction: West; Behavior: Traveling
	<b>14:19</b>	21:19-GMT	Position: 218° / 1106 m Direction: West; Behavior: Traveling
Sighting Number	<b>19</b>	Quality: Good Beaufort: 1	<b>Total 3 — 0 Calves</b>
	<b>15:32</b>	22:32-GMT	Position: 120° / 2260 m Direction: West; Behavior: Traveling
	<b>15:42</b>	22:42-GMT	Position: 128° / 1331 m Direction: West; Behavior: Traveling • Rolling • Fluke
	<b>15:49</b>	22:49-GMT	Position: 199° / 778 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>20</b>	Quality: Good Beaufort: 1	<b>Total 3 — 0 Calves</b>
	<b>15:37</b>	22:37-GMT	Position: 121° / 1922 m Direction: West; Behavior: Traveling
	<b>15:51</b>	22:51-GMT	Position: 174° / 778 m Direction: West; Behavior: Traveling • Fluke <i>With Tt, sight #17</i>
	<b>15:53</b>	22:53-GMT	Position: 184° / 778 m Direction: West; Behavior: Traveling <i>With Tt, at least 4</i>
	<b>15:57</b>	22:57-GMT	Position: 214° / 600 m Direction: West; Behavior: Traveling • Rolling • Fluke
Sighting Number	<b>21</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>16:29</b>	23:29-GMT	Position: 201° / 600 m Direction: West; Behavior: Traveling
	<b>16:32</b>	23:32-GMT	Position: 241° / 661 m Direction: West; Behavior: Traveling
<b>Mar 18</b>	Day 32 of 101	Daily Totals Gray whale (northbound) 14 Calves 0	
Sighting Number	<b>08</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>
	<b>10:27</b>	17:27-GMT	Position: 153° / 1922 m Direction: West; Behavior: Traveling • Fluke
	<b>10:34</b>	17:34-GMT	Position: 179° / 1483 m Direction: West; Behavior: Traveling
	<b>10:38</b>	17:38-GMT	Position: 200° / 1674 m Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>10:45</b>	17:45-GMT	Position: 159° / 1674 m Direction: West; Behavior: Traveling
	<b>10:56</b>	17:56-GMT	Position: 206° / 1483 m Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>10:48</b>	17:48-GMT	Position: 198° / 508 m Direction: West; Behavior: Traveling <i>Kelp edge- 2 snorkelers on the other side of the kelp within 100m</i>
	<b>10:52</b>	17:52-GMT	Position: 247° / 661 m Direction: West; Behavior: Traveling
Sighting Number	<b>13</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>
	<b>13:22</b>	20:22-GMT	Position: 177° / 3528 m Direction: West; Behavior: Traveling
	<b>13:30</b>	20:30-GMT	Position: 187° / 3528 m Direction: West; Behavior: Traveling
	<b>13:38</b>	20:38-GMT	Position: 193° / 3528 m Direction: West; Behavior: Traveling
Sighting Number	<b>15</b>	Quality: Fair Beaufort: 3	<b>Total 1 — 0 Calves</b>
	<b>14:32</b>	21:32-GMT	Position: 130° / 1674 m Direction: West; Behavior: Traveling
	<b>14:42</b>	21:42-GMT	Position: 178° / 946 m Direction: West; Behavior: Traveling • Fluke

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	<b>14:47</b>	21:47-GMT	Position: 213° / 946 m	Direction: West; Behavior: Traveling
Sighting Number	<b>16</b>	Quality: Fair Beaufort: 3	<b>Total 3 — 0 Calves</b>	
	<b>14:39</b>	21:39-GMT	Position: 138° / 2749 m	Direction: West; Behavior: Traveling • Fluke
	<b>14:45</b>	21:45-GMT	Position: 148° / 2260 m	Direction: West; Behavior: Traveling
	<b>14:51</b>	21:51-GMT	Position: 163° / 1922 m	Direction: West; Behavior: Traveling
	<b>15:05</b>	22:05-GMT	Position: 198° / 1922 m	Direction: West; Behavior: Traveling
	<b>15:12</b>	22:12-GMT	Position: / m	Direction: West; Behavior: Traveling
Sighting Number	<b>17</b>	Quality: Fair Beaufort: 4	<b>Total 2 — 0 Calves</b>	
	<b>16:02</b>	23:02-GMT	Position: 137° / 2260 m	Direction: West; Behavior: Traveling
	<b>16:14</b>	23:14-GMT	Position: 179° / 1674 m	Direction: West; Behavior: Traveling
	<b>16:20</b>	23:20-GMT	Position: 198° / 1674 m	Direction: West; Behavior: Traveling
	<b>16:26</b>	23:26-GMT	Position: 223° / 1922 m	Direction: West; Behavior: Traveling
Sighting Number	<b>18</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 0 Calves</b>	
	<b>16:28</b>	23:28-GMT	Position: 166° / 1331 m	Direction: West; Behavior: Traveling
	<b>16:36</b>	23:36-GMT	Position: 204° / 1208 m	Direction: West; Behavior: Traveling • Fluke
<b>Mar 19</b>	Day 33 of 101		Daily Totals	Gray whale (northbound) 14 Calves 0
Sighting Number	<b>04</b>	Quality: Poor Beaufort: 0	<b>Total 1 — 0 Calves</b>	
	<b>10:17</b>	17:17-GMT	Position: 176° / 600 m	Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Poor Beaufort: 0	<b>Total 2 — 0 Calves</b>	
	<b>11:47</b>	18:47-GMT	Position: 164° / 661 m	Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Poor Beaufort: 0	<b>Total 1 — 0 Calves</b>	
	<b>11:55</b>	18:55-GMT	Position: 196° / 827 m	Direction: West; Behavior: Traveling
	<b>12:03</b>	19:03-GMT	Position: 228° / 1020 m	Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Poor Beaufort: 0	<b>Total 2 — 0 Calves</b>	
	<b>12:18</b>	19:18-GMT	Position: 146° / 1403 m	Direction: West; Behavior: Traveling • Fluke
	<b>12:27</b>	19:27-GMT	Position: 197° / 778 m	Direction: West; Behavior: Traveling
Sighting Number	<b>13</b>	Quality: Poor Beaufort: 0	<b>Total 1 — 0 Calves</b>	
	<b>13:52</b>	20:52-GMT	Position: 126° / 1674 m	Direction: West; Behavior: Traveling • Fluke
	<b>13:59</b>	20:59-GMT	Position: 138° / 1331 m	Direction: West; Behavior: Traveling
	<b>14:00</b>	21:00-GMT	Position: 148° / 1106 m	Direction: West; Behavior: Traveling
	<b>14:08</b>	21:08-GMT	Position: 193° / 696 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>14</b>	Quality: Poor Beaufort: 0	<b>Total 2 — 0 Calves</b>	
	<b>14:37</b>	21:37-GMT	Position: 133° / 1483 m	Direction: West; Behavior: Traveling
	<b>14:42</b>	21:42-GMT	Position: 146° / 1106 m	Direction: West; Behavior: Traveling
	<b>14:44</b>	21:44-GMT	Position: 166° / 1106 m	Direction: West; Behavior: Traveling
	<b>14:47</b>	21:47-GMT	Position: 175° / 946 m	Direction: West; Behavior: Traveling

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

Sighting Number	16	Quality: Poor	<b>Total 2 — 0 Calves</b>				
		Beaufort: 0					
		15:34	22:34-GMT	Position: 137° / 1922 m	Direction: West; Behavior: Traveling		
		15:40	22:40-GMT	Position: 156° / 1674 m	Direction: West; Behavior: Traveling		
		15:41	22:41-GMT	Position: 158° / 1483 m	Direction: West; Behavior: Traveling		
		15:48	22:48-GMT	Position: 184° / 1331 m	Direction: West; Behavior: Traveling		
		15:49	22:49-GMT	Position: 189° / 1331 m	Direction: West; Behavior: Traveling • Sharking		
Sighting Number	17	Quality: Poor	<b>Total 1 — 0 Calves</b>				
		Beaufort: 0					
		16:02	23:02-GMT	Position: 111° / 2260 m	Direction: West; Behavior: Traveling		
		16:05	23:05-GMT	Position: 116° / 1674 m	Direction: West; Behavior: Traveling		
		16:07	23:07-GMT	Position: 119° / 1483 m	Direction: West; Behavior: Traveling		
		16:12	23:12-GMT	Position: 125° / 946 m	Direction: West; Behavior: Traveling		
Sighting Number	18	Quality: Poor	<b>Total 2 — 0 Calves</b>				
		Beaufort: 2					
		16:44	23:44-GMT	Position: 134° / 1922 m	Direction: West; Behavior: Traveling		
		16:55	23:55-GMT	Position: 165° / 1922 m	Direction: West; Behavior: Traveling		
		16:57	23:57-GMT	Position: 168° / 1922 m	Direction: West; Behavior: Traveling		
<b>Mar 20</b>	Day 34 of 101	Daily Totals		Gray whale (northbound)	16	Calves	1
Sighting Number	05	Quality: Poor	<b>Total 1 — 0 Calves</b>				
		Beaufort: 0					
		10:35	17:35-GMT	Position: 168° / 1674 m	Direction: West; Behavior: Traveling		
		10:43	17:43-GMT	Position: 203° / 1674 m	Direction: West; Behavior: Traveling • Fluke		
Sighting Number	06	Quality: Poor	<b>Total 2 — 0 Calves</b>				
		Beaufort: 0					
		10:51	17:51-GMT	Position: 158° / 1674 m	Direction: West; Behavior: Traveling		
		10:56	17:56-GMT	Position: 189° / 1403 m	Direction: West; Behavior: Traveling • Fluke		
Sighting Number	07	Quality: Poor	<b>Total 1 — 0 Calves</b>				
		Beaufort: 0					
		11:26	18:26-GMT	Position: 141° / 1020 m	Direction: West; Behavior: Traveling		
		11:30	18:30-GMT	Position: 175° / 778 m	Direction: West; Behavior: Traveling		
					<i>Single steep dive</i>		
		11:32	18:32-GMT	Position: 187° / 778 m	Direction: West; Behavior: Traveling • Fluke		
		11:35	18:35-GMT	Position: 220° / 735 m	Direction: West; Behavior: Traveling • Fluke		
Sighting Number	10	Quality: Poor	<b>Total 1 — 0 Calves</b>				
		Beaufort: 0					
		11:45	18:45-GMT	Position: 196° / 600 m	Direction: West; Behavior: Traveling		
		11:52	18:52-GMT	Position: 254° / 827 m	Direction: West; Behavior: Traveling		
Sighting Number	14	Quality: Poor	<b>Total 2 — 0 Calves</b>				
		Beaufort: 0					
		12:39	19:39-GMT	Position: 170° / 2749 m	Direction: West; Behavior: Traveling		
		12:45	19:45-GMT	Position: 181° / 2749 m	Direction: West; Behavior: Traveling		
Sighting Number	15	Quality: Poor	<b>Total 2 — 0 Calves</b>				
		Beaufort: 0					
		14:17	21:17-GMT	Position: 159° / 1208 m	Direction: West; Behavior: Traveling		

Sighting Number	<b>16</b>	Quality: Poor Beaufort: 0	<b>Total 3 — 0 Calves</b>
	<b>14:32</b>	21:32-GMT	Position: 166° / 3528 m Direction: West; Behavior: Traveling • Fluke
	<b>14:36</b>	21:36-GMT	Position: 176° / 3528 m Direction: West; Behavior: Traveling • Fluke
	<b>14:43</b>	21:43-GMT	Position: 187° / 3088 m Direction: West; Behavior: Traveling • Rolling • Sharking •
	<b>14:53</b>	21:53-GMT	Position: 200° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>22</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>
	<b>16:04</b>	23:04-GMT	Position: 134° / 2260 m Direction: West; Behavior: Traveling • Fluke
	<b>16:10</b>	23:10-GMT	Position: 149° / 1922 m Direction: West; Behavior: Traveling • Fluke
	<b>16:18</b>	23:18-GMT	Position: 177° / 1922 m Direction: West; Behavior: Traveling
	<b>16:24</b>	23:24-GMT	Position: 201° / 1674 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>23</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: 1699-1773</i>
	<b>16:36</b>	23:36-GMT	Position: 136° / 629 m Direction: West; Behavior: Traveling <i>Along kelp edge</i>
			<i>First spotted cow on the outside edge of CP kelp. calf was positioned close alongside mom. Slow traveling, gradual surfacing. Swam along outer edge of the kelp while in front of CP, but did not angle towards Elwood- that we saw.</i>
	<b>16:39</b>	23:39-GMT	Position: 166° / 550 m Direction: West; Behavior: Traveling
	<b>16:41</b>	23:41-GMT	Position: 186° / 600 m Direction: West; Behavior: Traveling
	<b>16:43</b>	23:43-GMT	Position: 198° / 539 m Direction: West; Behavior: Traveling
	<b>16:46</b>	23:46-GMT	Position: 223° / 735 m Direction: West; Behavior: Traveling <i>Just below surface, possibly nursing</i>
<b>Mar 21</b>	Day 35 of 101		Daily Totals Gray whale (northbound) 10 Calves 0
Sighting Number	<b>08</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>10:07</b>	17:07-GMT	Position: 122° / 2260 m Direction: West; Behavior: Traveling
	<b>10:10</b>	17:10-GMT	Position: 126° / 1922 m Direction: West; Behavior: Traveling
	<b>10:14</b>	17:14-GMT	Position: 136° / 1483 m Direction: West; Behavior: Traveling
	<b>10:20</b>	17:20-GMT	Position: 154° / 1106 m Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Good Beaufort: 0	<b>Total 3 — 0 Calves</b>
	<b>11:33</b>	18:33-GMT	Position: 144° / 1483 m Direction: West; Behavior: Traveling
	<b>11:38</b>	18:38-GMT	Position: 164° / 1208 m Direction: West; Behavior: Traveling
	<b>11:40</b>	18:40-GMT	Position: 181° / 1106 m Direction: West; Behavior: Traveling
Sighting Number	<b>13</b>	Quality: Fair Beaufort: 4	<b>Total 4 — 0 Calves</b>
	<b>13:15</b>	20:15-GMT	Position: 116° / 2749 m Direction: West; Behavior: Traveling
	<b>13:19</b>	20:19-GMT	Position: 120° / 2260 m Direction: West; Behavior: Traveling
	<b>13:24</b>	20:24-GMT	Position: 129° / 1483 m Direction: West; Behavior: Traveling
	<b>13:24</b>	20:24-GMT	Position: 129° / 1483 m Direction: West; Behavior: Traveling
	<b>13:32</b>	20:32-GMT	Position: 166° / 946 m Direction: West; Behavior: Traveling • Fluke
	<b>13:35</b>	20:35-GMT	Position: 185° / 827 m Direction: West; Behavior: Traveling

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Sighting Number	<b>14</b>	Quality: Fair Beaufort: 4	<b>Total 2 — 0 Calves</b> Images: 1793-1806
	<b>13:31</b>	20:31-GMT	Position: 126° / 1922 m Direction: West; Behavior: Traveling
	<b>13:38</b>	20:38-GMT	Position: 154° / 946 m Direction: West; Behavior: Traveling • Breach
	<b>13:45</b>	20:45-GMT	Position: 177° / 827 m Direction: West; Behavior: Traveling
<b>Mar 23</b>	Day 37 of 101		Daily Totals Gray whale (northbound) 30 Calves 0
Sighting Number	<b>01</b>	Quality: Fair Beaufort: 1	<b>Total 4 — 0 Calves</b>
	<b>08:54</b>	15:54-GMT	Position: 214° / 528 m Direction: West; Behavior: Traveling
	<b>08:57</b>	15:57-GMT	Position: 246° / 778 m Direction: West; Behavior: Traveling
Sighting Number	<b>02</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>
	<b>08:59</b>	15:59-GMT	Position: 142° / 946 m Direction: West; Behavior: Traveling
Sighting Number	<b>05</b>	Quality: Good Beaufort: 1	<b>Total 3 — 0 Calves</b>
	<b>10:55</b>	17:55-GMT	Position: 128° / 3088 m Direction: West; Behavior: Traveling • Fluke 2 + 1
	<b>11:02</b>	18:02-GMT	Position: 136° / 2749 m Direction: West; Behavior: Traveling
	<b>11:06</b>	18:06-GMT	Position: 144° / 2749 m Direction: West; Behavior: Traveling
	<b>11:11</b>	18:11-GMT	Position: 152° / 2749 m Direction: West; Behavior: Traveling
	<b>11:17</b>	18:17-GMT	Position: 166° / 2749 m Direction: West; Behavior: Traveling • Fluke
	<b>11:22</b>	18:22-GMT	Position: 178° / 2749 m Direction: West; Behavior: Traveling
	<b>11:27</b>	18:27-GMT	Position: 192° / 2260 m Direction: West; Behavior: Traveling
	<b>11:39</b>	18:39-GMT	Position: 228° / 2260 m Direction: West; Behavior: Traveling
Sighting Number	<b>06</b>	Quality: Good Beaufort: 1	<b>Total 2 — 0 Calves</b>
	<b>11:40</b>	18:40-GMT	Position: 117° / 2260 m Direction: West; Behavior: Traveling
	<b>11:48</b>	18:48-GMT	Position: 128° / 1674 m Direction: West; Behavior: Traveling
	<b>11:55</b>	18:55-GMT	Position: 153° / 1106 m Direction: West; Behavior: Traveling
	<b>12:01</b>	19:01-GMT	Position: 184° / 1106 m Direction: West; Behavior: Traveling
Sighting Number	<b>07</b>	Quality: Good Beaufort: 1	<b>Total 2 — 0 Calves</b>
	<b>11:48</b>	18:48-GMT	Position: 117° / 2749 m Direction: West; Behavior: Traveling
	<b>11:51</b>	18:51-GMT	Position: 120° / 2749 m Direction: West; Behavior: Traveling
	<b>11:59</b>	18:59-GMT	Position: 128° / 1922 m Direction: West; Behavior: Traveling
	<b>12:02</b>	19:02-GMT	Position: 135° / 1922 m Direction: West; Behavior: Traveling
	<b>12:08</b>	19:08-GMT	Position: 147° / 1208 m Direction: West; Behavior: Traveling
	<b>12:12</b>	19:12-GMT	Position: 160° / 946 m Direction: West; Behavior: Traveling
	<b>12:16</b>	19:16-GMT	Position: 177° / 778 m Direction: West; Behavior: Traveling
	<b>12:17</b>	19:17-GMT	Position: 187° / 913 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>
	<b>12:25</b>	19:25-GMT	Position: 177° / 1106 m Direction: West; Behavior: Traveling
	<b>12:28</b>	19:28-GMT	Position: 195° / 827 m Direction: West; Behavior: Traveling

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	<b>12:31</b>	19:31-GMT	Position: 222° / 827 m Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Fair Beaufort: 1	<b>Total 1 — 0 Calves</b>
	<b>12:39</b>	19:39-GMT	Position: 156° / 2749 m Direction: West; Behavior: Traveling • Fluke
	<b>12:49</b>	19:49-GMT	Position: 175° / 1922 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>10</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>
	<b>13:17</b>	20:17-GMT	Position: 142° / 3528 m Direction: West; Behavior: Traveling
	<b>13:23</b>	20:23-GMT	Position: 146° / 3528 m Direction: West; Behavior: Traveling • Fluke
	<b>13:39</b>	20:39-GMT	Position: 154° / 3528 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>11</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>
	<b>13:26</b>	20:26-GMT	Position: 169° / 3088 m Direction: West; Behavior: Traveling
	<b>13:35</b>	20:35-GMT	Position: 182° / 3088 m Direction: West; Behavior: Traveling • Fluke
	<b>13:43</b>	20:43-GMT	Position: 194° / 3088 m Direction: West; Behavior: Traveling
Sighting Number	<b>12</b>	Quality: Fair Beaufort: 2	<b>Total 2 — 0 Calves</b> <a href="#">Images: 1854-5</a>
	<b>14:00</b>	21:00-GMT	Position: 113° / 1922 m Direction: West; Behavior: Traveling
	<b>14:19</b>	21:19-GMT	Position: 175° / 661 m Direction: West; Behavior: Traveling
	<b>14:21</b>	21:21-GMT	Position: 196° / 600 m Direction: West; Behavior: Traveling
Sighting Number	<b>13</b>	Quality: Fair Beaufort: 2	<b>Total 4 — 0 Calves</b>
	<b>14:14</b>	21:14-GMT	Position: 141° / 3528 m Direction: West; Behavior: Traveling
	<b>14:35</b>	21:35-GMT	Position: 150° / 3528 m Direction: West; Behavior: Traveling • Fluke
	<b>14:42</b>	21:42-GMT	Position: 156° / 3088 m Direction: West; Behavior: Traveling • Fluke
	<b>14:51</b>	21:51-GMT	Position: 161° / 3088 m Direction: West; Behavior: Traveling
	<b>14:58</b>	21:58-GMT	Position: 166° / 2749 m Direction: West; Behavior: Traveling
	<b>15:14</b>	22:14-GMT	Position: 189° / 2749 m Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Fair Beaufort: 2	<b>Total 4 — 0 Calves</b>
	<b>14:54</b>	21:54-GMT	Position: 153° / 1106 m Direction: West; Behavior: Traveling • Fluke
	<b>15:02</b>	22:02-GMT	Position: 195° / 883 m Direction: West; Behavior: Traveling
Sighting Number	<b>15</b>	Quality: Good Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>15:48</b>	22:48-GMT	Position: 156° / 913 m Direction: West; Behavior: Traveling
	<b>15:52</b>	22:52-GMT	Position: 178° / 528 m Direction: West; Behavior: Traveling • Fluke
	<b>15:54</b>	22:54-GMT	Position: 195° / 489 m Direction: West; Behavior: Traveling
Sighting Number	<b>16</b>	Quality: Good Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>16:08</b>	23:08-GMT	Position: 170° / 778 m Direction: West; Behavior: Traveling
	<b>16:18</b>	23:18-GMT	Position: 189° / 778 m Direction: West; Behavior: Traveling
	<b>16:26</b>	23:26-GMT	Position: 198° / 678 m Direction: West; Behavior: Traveling
	<b>16:33</b>	23:33-GMT	Position: 191° / 678 m Direction: East; Behavior: Traveling • Foraging

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

Sighting Number	<b>02</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>09:03</b> 16:03-GMT	Position: 168° / 3528 m Direction: West; Behavior: Traveling
		<b>09:09</b> 16:09-GMT	Position: 172° / 3528 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>06</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	Images: 1878-80
		<b>10:37</b> 17:37-GMT	Position: 126° / 1331 m Direction: West; Behavior: Traveling • Foraging <i>Traveled along IV kelp, juvenile, maybe looking to feed</i>
		<b>10:44</b> 17:44-GMT	Position: 154° / 678 m Direction: West; Behavior: Traveling • Foraging
		<b>10:50</b> 17:50-GMT	Position: 234° / 661 m Direction: West; Behavior: Traveling • Foraging <i>Edge of kelp</i>
Sighting Number	<b>09</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>11:26</b> 18:26-GMT	Position: 142° / 3528 m Direction: West; Behavior: Traveling
		<b>11:30</b> 18:30-GMT	Position: 145° / 3528 m Direction: West; Behavior: Traveling
		<b>11:34</b> 18:34-GMT	Position: 147° / 3528 m Direction: West; Behavior: Traveling
		<b>11:36</b> 18:36-GMT	Position: 149° / 3528 m Direction: West; Behavior: Traveling
Sighting Number	<b>13</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>11:57</b> 18:57-GMT	Position: 136° / 2749 m Direction: West; Behavior: Traveling
		<b>12:09</b> 19:09-GMT	Position: 146° / 2749 m Direction: West; Behavior: Traveling
		<b>12:14</b> 19:14-GMT	Position: 151° / 2749 m Direction: West; Behavior: Traveling
		<b>12:23</b> 19:23-GMT	Position: 164° / 2260 m Direction: West; Behavior: Traveling
		<b>12:31</b> 19:31-GMT	Position: 179° / 1674 m Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Fair	<b>Total 4 — 0 Calves</b>
		Beaufort: 0	Images: 1894-1912
		<b>13:04</b> 20:04-GMT	Position: 129° / 2749 m Direction: West; Behavior: Traveling
		<b>13:11</b> 20:11-GMT	Position: 138° / 1922 m Direction: West; Behavior: Traveling • Fluke
		<b>13:17</b> 20:17-GMT	Position: 156° / 1106 m Direction: West; Behavior: Traveling
		<b>13:23</b> 20:23-GMT	Position: 191° / 883 m Direction: West; Behavior: Traveling
		<b>13:28</b> 20:28-GMT	Position: 228° / 913 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>15</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>14:53</b> 21:53-GMT	Position: 140° / 1483 m Direction: West; Behavior: Traveling
		<b>14:59</b> 21:59-GMT	Position: 162° / 1106 m Direction: West; Behavior: Traveling
		<b>15:08</b> 22:08-GMT	Position: 213° / 913 m Direction: West; Behavior: Traveling
Sighting Number	<b>16</b>	Quality: Fair	<b>Total 3 — 0 Calves</b>
		Beaufort: 1	
		<b>16:32</b> 23:32-GMT	Position: 121° / 2260 m Direction: West; Behavior: Traveling • Rolling
		<b>16:34</b> 23:34-GMT	Position: 127° / 1922 m Direction: West; Behavior: Traveling
		<b>16:39</b> 23:39-GMT	Position: 137° / 1674 m Direction: West; Behavior: Traveling • Sharking
		<b>16:42</b> 23:42-GMT	Position: 146° / 1483 m Direction: West; Behavior: Traveling • Fluke
		<b>16:45</b> 23:45-GMT	Position: 153° / 1483 m Direction: West; Behavior: Traveling

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	<b>01</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 2	
		<b>08:53</b> 15:53-GMT	Position: 131° / 2260 m Direction: West; Behavior: Traveling
		<b>09:10</b> 16:10-GMT	Position: 206° / 1106 m Direction: West; Behavior: Traveling
Sighting Number	<b>02</b>	Quality: Fair	<b>Total 3 — 0 Calves</b>
		Beaufort: 2	
		<b>08:55</b> 15:55-GMT	Position: 146° / 1674 m Direction: West; Behavior: Traveling
		<b>09:03</b> 16:03-GMT	Position: 153° / 1674 m Direction: West; Behavior: Traveling
		<b>09:10</b> 16:10-GMT	Position: 162° / 1403 m Direction: West; Behavior: Traveling
		<b>09:12</b> 16:12-GMT	Position: 164° / 1403 m Direction: West; Behavior: Traveling
		<b>09:19</b> 16:19-GMT	Position: 184° / 1106 m Direction: West; Behavior: Traveling
		<b>09:24</b> 16:24-GMT	Position: 200° / 946 m Direction: West; Behavior: Traveling
Sighting Number	<b>04</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 2	
		<b>09:13</b> 16:13-GMT	Position: 129° / 1403 m Direction: West; Behavior: Traveling
		<b>09:30</b> 16:30-GMT	Position: 222° / 678 m ; Behavior: Foraging <i>Kelp edge</i>
		<b>09:39</b> 16:39-GMT	Position: 219° / 946 m Direction: Circling; Behavior: Foraging <i>Foraging behavior</i>
		<b>09:46</b> 16:46-GMT	Position: 219° / 778 m Direction: West; Behavior: Traveling • Foraging <i>Lots of breaths</i>
Sighting Number	<b>05</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>09:21</b> 16:21-GMT	Position: 143° / 2749 m Direction: West; Behavior: Traveling
		<b>09:29</b> 16:29-GMT	Position: 154° / 2260 m Direction: West; Behavior: Traveling • Fluke
		<b>09:44</b> 16:44-GMT	Position: 199° / 1922 m Direction: West; Behavior: Traveling
Sighting Number	<b>06</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	
		<b>09:40</b> 16:40-GMT	Position: 210° / 1331 m Direction: West; Behavior: Traveling
		<b>09:48</b> 16:48-GMT	Position: 223° / 1331 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>07</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>11:30</b> 18:30-GMT	Position: 149° / 1020 m Direction: West; Behavior: Traveling
		<b>11:40</b> 18:40-GMT	Position: 229° / 778 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>11:56</b> 18:56-GMT	Position: 149° / 1483 m Direction: West; Behavior: Traveling
		<b>12:01</b> 19:01-GMT	Position: 170° / 1106 m Direction: West; Behavior: Traveling
		<b>12:04</b> 19:04-GMT	Position: 187° / 946 m Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	
		<b>12:42</b> 19:42-GMT	Position: 143° / 1020 m Direction: West; Behavior: Traveling
		<b>12:47</b> 19:47-GMT	Position: 168° / 913 m Direction: West; Behavior: Traveling



2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	<b>10</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>13:36</b> 20:36-GMT	Position: 167° / 661 m Direction: West; Behavior: Traveling <i>Just off kelp</i>
		<b>13:40</b> 20:40-GMT	Position: 217° / 696 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>13:55</b> 20:55-GMT	Position: 140° / 1483 m Direction: West; Behavior: Traveling
		<b>13:58</b> 20:58-GMT	Position: 152° / 1331 m Direction: West; Behavior: Traveling
		<b>14:07</b> 21:07-GMT	Position: 197° / 1020 m Direction: West; Behavior: Traveling
Sighting Number	<b>13</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	
		<b>14:07</b> 21:07-GMT	Position: 194° / 1483 m Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Fair	<b>Total 3 — 0 Calves</b>
		Beaufort: 3	
		<b>14:17</b> 21:17-GMT	Position: 156° / 2260 m Direction: West; Behavior: Traveling
		<b>14:23</b> 21:23-GMT	Position: 166° / 1922 m Direction: West; Behavior: Traveling
		<b>14:26</b> 21:26-GMT	Position: 177° / 1922 m Direction: West; Behavior: Traveling
		<b>14:30</b> 21:30-GMT	Position: 201° / 1674 m Direction: West; Behavior: Traveling
Sighting Number	<b>15</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	Images: 1916-1920
		<b>14:29</b> 21:29-GMT	Position: 126° / 1483 m Direction: West; Behavior: Traveling <i>Not much "frequent blowing/surfacing (more than cow)". Initially noticed different size blows while swimming close to kelp. Cow/calf pair stayed close together, side-by-side, and moved along slowly. Just didn't see "calf" enough and association with larger whale.</i>
		<b>14:35</b> 21:35-GMT	Position: 151° / 696 m Direction: West; Behavior: Traveling
		<b>14:42</b> 21:42-GMT	Position: 194° / 696 m Direction: West; Behavior: Traveling
		<b>14:49</b> 21:49-GMT	Position: 256° / 1331 m Direction: West; Behavior: Traveling
		<b>14:53</b> 21:53-GMT	Position: 271° / 1331 m Direction: West; Behavior: Traveling
Sighting Number	<b>16</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 3	Images: 1922-1945
		<b>14:51</b> 21:51-GMT	Position: 139° / 883 m Direction: West; Behavior: Traveling
		<b>14:57</b> 21:57-GMT	Position: 172° / 550 m Direction: West; Behavior: Traveling • Rolling
		<b>15:00</b> 22:00-GMT	Position: 189° / 489 m Direction: West; Behavior: Traveling
		<b>15:03</b> 22:03-GMT	Position: 211° / 489 m Direction: West; Behavior: Traveling
		<b>15:04</b> 22:04-GMT	Position: 220° / 550 m Direction: West; Behavior: Traveling
Sighting Number	<b>17</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 4	
		<b>15:52</b> 22:52-GMT	Position: 162° / 778 m Direction: West; Behavior: Traveling

**Mar 26** Day 40 of 101 Daily Totals Gray whale (northbound) 28 Calves 0

Sighting Number	<b>01</b>	Quality: Fair	<b>Total 3 — 0 Calves</b>
		Beaufort: 2	
		<b>08:54</b> 15:54-GMT	Position: 132° / 1674 m Direction: West; Behavior: Traveling
		<b>08:58</b> 15:58-GMT	Position: 146° / 1331 m Direction: West; Behavior: Traveling
		<b>09:05</b> 16:05-GMT	Position: 186° / 946 m Direction: West; Behavior: Traveling

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	<b>02</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 2	
		<b>08:55</b> 15:55-GMT	Position: 151° / 1106 m Direction: West; Behavior: Traveling
		<b>09:00</b> 16:00-GMT	Position: 185° / 883 m Direction: West; Behavior: Traveling
Sighting Number	<b>05</b>	Quality: Fair	<b>Total 4 — 0 Calves</b>
		Beaufort: 3	
		<b>09:25</b> 16:25-GMT	Position: 138° / 3088 m Direction: West; Behavior: Traveling
		<b>09:30</b> 16:30-GMT	Position: 147° / 3088 m Direction: West; Behavior: Traveling • Fluke
		<b>09:36</b> 16:36-GMT	Position: 162° / 2749 m Direction: West; Behavior: Traveling
		<b>09:43</b> 16:43-GMT	Position: 180° / 2749 m Direction: West; Behavior: Traveling • Fluke
		<b>09:48</b> 16:48-GMT	Position: 196° / 2749 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>06</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 2	
		<b>09:55</b> 16:55-GMT	Position: 130° / 1483 m Direction: West; Behavior: Traveling
		<b>10:03</b> 17:03-GMT	Position: 174° / 913 m Direction: West; Behavior: Traveling
Sighting Number	<b>07</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	
		<b>10:07</b> 17:07-GMT	Position: 153° / 1106 m Direction: West; Behavior: Traveling
		<b>10:13</b> 17:13-GMT	Position: 202° / 883 m Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	
		<b>10:34</b> 17:34-GMT	Position: 138° / 1331 m Direction: West; Behavior: Traveling
		<b>10:40</b> 17:40-GMT	Position: 178° / 827 m Direction: West; Behavior: Traveling
		<b>10:44</b> 17:44-GMT	Position: 207° / 778 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>11:25</b> 18:25-GMT	Position: 120° / 1922 m Direction: West; Behavior: Traveling • Fluke
		<b>11:34</b> 18:34-GMT	Position: 155° / 1020 m Direction: West; Behavior: Traveling
		<b>11:42</b> 18:42-GMT	Position: 219° / 883 m Direction: West; Behavior: Traveling
Sighting Number	<b>12</b>	Quality: Poor	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>11:53</b> 18:53-GMT	Position: 137° / 1674 m Direction: West; Behavior: Traveling
		<b>11:58</b> 18:58-GMT	Position: 154° / 1331 m Direction: West; Behavior: Traveling
		<b>12:01</b> 19:01-GMT	Position: 170° / 1020 m Direction: West; Behavior: Traveling
Sighting Number	<b>13</b>	Quality: Poor	<b>Total 1 — 0 Calves</b>
		Beaufort: 0	
		<b>13:08</b> 20:08-GMT	Position: 189° / 946 m Direction: West; Behavior: Traveling
		<b>13:16</b> 20:16-GMT	Position: 248° / 1208 m Direction: West; Behavior: Traveling
Sighting Number	<b>15</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		<b>13:11</b> 20:11-GMT	Position: 143° / 2749 m Direction: West; Behavior: Pec Slap • Traveling
		<b>13:17</b> 20:17-GMT	Position: 158° / 2260 m Direction: West; Behavior: Traveling
		<b>13:24</b> 20:24-GMT	Position: 179° / 1674 m Direction: West; Behavior: Traveling
		<b>13:31</b> 20:31-GMT	Position: 200° / 1674 m Direction: West; Behavior: Traveling • Fluke

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

Sighting Number	<b>16</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 0 Calves</b>
	<b>14:02</b>	21:02-GMT	Position: 138° / 2260 m Direction: West; Behavior: Traveling
	<b>14:08</b>	21:08-GMT	Position: 149° / 1922 m Direction: West; Behavior: Traveling
	<b>14:12</b>	21:12-GMT	Position: 164° / 1483 m Direction: West; Behavior: Traveling • Fluke
	<b>14:15</b>	21:15-GMT	Position: 178° / 1331 m Direction: West; Behavior: Traveling
	<b>14:19</b>	21:19-GMT	Position: 199° / 1331 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>18</b>	Quality: Fair Beaufort: 3	<b>Total 6 — 0 Calves</b>
	<b>14:36</b>	21:36-GMT	Position: 129° / 1674 m Direction: West; Behavior: Traveling
	<b>14:43</b>	21:43-GMT	Position: 154° / 1106 m Direction: West; Behavior: Traveling • Fluke
	<b>14:50</b>	21:50-GMT	Position: 209° / 735 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>19</b>	Quality: Fair Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>15:34</b>	22:34-GMT	Position: 159° / 629 m Direction: West; Behavior: Traveling <i>Along kelp edge</i>
	<b>15:36</b>	22:36-GMT	Position: 177° / 600 m Direction: West; Behavior: Traveling
<b>Mar 27</b>	Day 41 of 101	Daily Totals Gray whale (northbound) 14 Calves 1	
Sighting Number	<b>01</b>	Quality: Poor Beaufort: 0	<b>Total 2 — 0 Calves</b>
	<b>09:08</b>	16:08-GMT	Position: 145° / 946 m Direction: West; Behavior: Traveling
	<b>09:12</b>	16:12-GMT	Position: 174° / 735 m Direction: West; Behavior: Traveling
Sighting Number	<b>05</b>	Quality: Poor Beaufort: 0	<b>Total 2 — 0 Calves</b>
	<b>10:22</b>	17:22-GMT	Position: 180° / 629 m Direction: West; Behavior: Traveling
Sighting Number	<b>07</b>	Quality: Poor Beaufort: 0	<b>Total 1 — 0 Calves</b>
	<b>10:36</b>	17:36-GMT	Position: 150° / 1483 m Direction: West; Behavior: Traveling
	<b>10:44</b>	17:44-GMT	Position: 198° / 946 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Poor Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: 1977-2011</i>
	<b>10:38</b>	17:38-GMT	Position: 125° / 946 m Direction: West; Behavior: Traveling <i>First spotted close-approaching counter point kelp. Slow surfacing, just on the other side of the kelp. Calf close to mom - not very active but erratic surfacing. Stopped in front of point for a few breaths then "jumped" further down the coast. Did not seem to angle towards Ellwood.</i>
	<b>10:40</b>	17:40-GMT	Position: 135° / 696 m Direction: West; Behavior: Traveling
	<b>10:43</b>	17:43-GMT	Position: 155° / 574 m Direction: West; Behavior: Traveling
	<b>10:46</b>	17:46-GMT	Position: 180° / 508 m Direction: West; Behavior: Traveling
	<b>10:48</b>	17:48-GMT	Position: 185° / 471 m Direction: West <i>Calf body + flipper</i>
	<b>10:51</b>	17:51-GMT	Position: 202° / 489 m Direction: West; Behavior: Traveling <i>Mom - slow surface</i>
	<b>10:56</b>	17:56-GMT	Position: 250° / 574 m Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>
	<b>12:28</b>	19:28-GMT	Position: 140° / 1331 m Direction: West; Behavior: Traveling

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

		<b>12:34</b>	19:34-GMT	Position: 183° / 883 m	Direction: West; Behavior: Traveling	
Sighting Number	<b>11</b>	Quality: Fair Beaufort: 1		<b>Total 1 — 0 Calves</b>		
		<b>12:39</b>	19:39-GMT	Position: 169° / 778 m	Direction: West; Behavior: Traveling	
		<b>12:41</b>	19:41-GMT	Position: 192° / 629 m	Direction: West; Behavior: Traveling	
Sighting Number	<b>13</b>	Quality: Fair Beaufort: 1		<b>Total 2 — 0 Calves</b>		
		<b>13:10</b>	20:10-GMT	Position: 187° / 827 m	Direction: West; Behavior: Traveling	
Sighting Number	<b>14</b>	Quality: Fair Beaufort: 3		<b>Total 1 — 0 Calves</b>		
		<b>14:35</b>	21:35-GMT	Position: 129° / 696 m	Direction: West; Behavior: Traveling <i>Along kelp edge</i>	
		<b>14:40</b>	21:40-GMT	Position: 175° / 574 m	Direction: West; Behavior: Traveling	
Sighting Number	<b>18</b>	Quality: Fair Beaufort: 1		<b>Total 1 — 0 Calves</b>		
		<b>16:40</b>	23:40-GMT	Position: 164° / 1106 m	Direction: West; Behavior: Traveling • Fluke	
		<b>16:47</b>	23:47-GMT	Position: 214° / 1020 m	Direction: West; Behavior: Traveling	
<b>Mar 28</b>	Day 42 of 101	Daily Totals			Gray whale (northbound) 11	Calves 1
Sighting Number	<b>01</b>	Quality: Fair Beaufort: 3		<b>Total 4 — 0 Calves</b> <i>Images: 2021-40</i>		
		<b>09:04</b>	16:04-GMT	Position: 124° / 1922 m	Direction: West; Behavior: Traveling	
		<b>09:09</b>	16:09-GMT	Position: 134° / 1403 m	Direction: West; Behavior: Traveling	
		<b>09:16</b>	16:16-GMT	Position: 170° / 883 m	Direction: West; Behavior: Traveling	
Sighting Number	<b>03</b>	Quality: Fair Beaufort: 3		<b>Total 3 — 1 Calf</b> <i>Images: 2044-71</i>		
		<b>09:39</b>	16:39-GMT	Position: 118° / 1674 m	Direction: West; Behavior: Traveling <i>Along kelp. Pair stayed close to the outside of the kelp line. Calf was seen draping kelp on back and playing with it. Pair slowly moved together. Calf's head was very light colored.</i>	
		<b>09:43</b>	16:43-GMT	Position: 126° / 661 m	Direction: West; Behavior: Traveling	
		<b>09:46</b>	16:46-GMT	Position: / m	Direction: West; Behavior: Traveling	
		<b>09:43</b>	16:43-GMT	Position: 126° / 661 m	Direction: West; Behavior: Traveling	
		<b>09:46</b>	16:46-GMT	Position: 140° / 550 m	Direction: West; Behavior: Traveling • Foraging <i>Multiple blows in kelp</i>	
		<b>09:51</b>	16:51-GMT	Position: 174° / 550 m	Direction: West; Behavior: Traveling <i>Kelp edge</i>	
		<b>09:53</b>	16:53-GMT	Position: 194° / 508 m	Direction: West; Behavior: Traveling	
Sighting Number	<b>05</b>	Quality: Poor Beaufort: 4		<b>Total 4 — 0 Calves</b> <i>Images: 2073-84</i>		
		<b>10:31</b>	17:31-GMT	Position: 147° / 696 m	Direction: West; Behavior: Traveling <i>Along kelp</i>	
		<b>10:34</b>	17:34-GMT	Position: 182° / 600 m	Direction: West; Behavior: Traveling	
		<b>10:35</b>	17:35-GMT	Position: 191° / 550 m	Direction: West; Behavior: Traveling • Rolling	
		<b>10:36</b>	17:36-GMT	Position: 210° / 528 m	Direction: West; Behavior: Traveling	
		<b>10:39</b>	17:39-GMT	Position: 234° / 661 m	Direction: West; Behavior: Traveling	
<b>Mar 30</b>	Day 44 of 101	Daily Totals			Gray whale (northbound) 13	Calves 1

Sighting Number	<b>03</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>		
		Beaufort: 1			
		<b>10:48</b> 17:48-GMT	Position: 111° / 2749 m Direction: West; Behavior: Traveling		
		<b>10:56</b> 17:56-GMT	Position: 120° / 1922 m Direction: West; Behavior: Traveling		
Sighting Number	<b>07</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>		
		Beaufort: 0			
		<b>11:51</b> 18:51-GMT	Position: 150° / 913 m Direction: West; Behavior: Bubbles Blast • Traveling <i>Possible C/C</i>		
		<b>11:54</b> 18:54-GMT	Position: 175° / 678 m Direction: West; Behavior: Traveling		
		<b>11:58</b> 18:58-GMT	Position: 216° / 600 m Direction: West; Behavior: Traveling		
Sighting Number	<b>08</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	Images: 2095-2109		
		<b>12:01</b> 19:01-GMT	Position: 134° / 1922 m Direction: West; Behavior: Traveling <i>Images 2095-2099 are cow/calf pair Images 2101-2109 are of calf left alone First spotted C/C in line with Anacapa by bubbles at surface angled towards Counter point. Halted progress in front of CP site. Both heads above water with bubble blasts and lots of playing. Mom left calf for about two hours- left calf in kelp in front of CP- lost sight of calf for long periods. Mom rejoined with calf and then traveled west- did not seem to angle towards Elwood, seemed to angle to open ocean.</i>		
		<b>12:04</b> 19:04-GMT	Position: 137° / 1674 m Direction: West; Behavior: Traveling		
		<b>12:08</b> 19:08-GMT	Position: 148° / 1331 m Direction: West; Behavior: Traveling		
		<b>12:13</b> 19:13-GMT	Position: 154° / 946 m Direction: West; Behavior: Traveling • Spyhop <i>Angled in towards point</i>		
		<b>12:22</b> 19:22-GMT	Position: 172° / 661 m Direction: West; Behavior: Traveling <i>Big body- steep dive</i>		
		<b>12:27</b> 19:27-GMT	Position: 159° / 661 m Direction: West; Behavior: Traveling <i>Calf left alone by mom</i>		
		<b>12:30</b> 19:30-GMT	Position: 183° / 528 m Direction: West; Behavior: Traveling		
		<b>12:41</b> 19:41-GMT	Position: 233° / 296 m Direction: East; Behavior: Traveling <i>Calf only- no cow</i>		
		<b>12:48</b> 19:48-GMT	Position: 192° / 600 m Direction: Circling; Behavior: Traveling		
		<b>12:28</b> 19:28-GMT	Position: 200° / 574 m Direction: West; Behavior: Traveling <i>Slow progress- steep dive</i>		
		<b>12:32</b> 19:32-GMT	Position: 239° / 528 m Direction: West; Behavior: Traveling		
		<b>14:26</b> 21:26-GMT	Position: 232° / 883 m Direction: West; Behavior: Traveling • Fluke <i>Mom with calf again</i>		
		<b>14:32</b> 21:32-GMT	Position: 254° / 1403 m Direction: West; Behavior: Traveling <i>Calf blow + mom</i>		
		Sighting Number	<b>09</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
				Beaufort: 0	
				<b>12:07</b> 19:07-GMT	Position: 168° / 1106 m Direction: West; Behavior: Traveling
				<b>12:11</b> 19:11-GMT	Position: 196° / 827 m Direction: West; Behavior: Traveling
		Sighting Number	<b>13</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
Beaufort: 0					
<b>13:33</b> 20:33-GMT	Position: 162° / 2749 m Direction: West; Behavior: Traveling • Fluke				
<b>13:46</b> 20:46-GMT	Position: 188° / 1674 m Direction: West; Behavior: Traveling				
		<b>13:51</b> 20:51-GMT	Position: 119° / 1922 m Direction: West; Behavior: Traveling		

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	15	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		13:50	20:50-GMT Position: 186° / 3528 m Direction: West; Behavior: Traveling
		14:01	21:01-GMT Position: 196° / 3528 m Direction: West; Behavior: Traveling
		14:08	21:08-GMT Position: 206° / 3528 m Direction: West; Behavior: Traveling
Sighting Number	17	Quality: Fair	<b>Total 4 — 0 Calves</b>
		Beaufort: 0	
		14:35	21:35-GMT Position: 144° / 3528 m Direction: West; Behavior: Traveling • Fluke 2+2
		14:44	21:44-GMT Position: 154° / 3088 m Direction: West; Behavior: Traveling • Fluke
		14:51	21:51-GMT Position: 165° / 2749 m Direction: West; Behavior: Traveling
<b>Mar 31</b>	Day 45 of 101	Daily Totals	Gray whale (northbound) 2 Calves 0
Sighting Number	09	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	
		11:20	18:20-GMT Position: 118° / 1922 m Direction: West; Behavior: Traveling
		11:31	18:31-GMT Position: 151° / 827 m Direction: West; Behavior: Traveling
		11:37	18:37-GMT Position: 199° / 600 m Direction: West; Behavior: Traveling
<b>Apr 01</b>	Day 46 of 101	Daily Totals	Gray whale (northbound) 11 Calves 1
Sighting Number	07	Quality: Fair	<b>Total 4 — 0 Calves</b>
		Beaufort: 0	Images: 2126-31
		11:52	18:52-GMT Position: 142° / 1403 m Direction: West; Behavior: Traveling • Fluke
		11:58	18:58-GMT Position: 171° / 696 m Direction: West; Behavior: Traveling • Fluke
		12:06	19:06-GMT Position: 226° / 913 m Direction: West; Behavior: Traveling
Sighting Number	08	Quality: Fair	<b>Total 2 — 1 Calf</b>
		Beaufort: 0	Images: 2134-48
		12:52	19:52-GMT Position: 116° / 1674 m Direction: West; Behavior: Traveling <i>Playing, nursing, not really traveling</i> <i>At Campus point kelp- nursing- hung for long time- saw both heads- along kelp- at Counter point steady passing- along calf trail</i>
		13:02	20:02-GMT Position: 140° / 678 m Direction: West; Behavior: Traveling <i>First saw about 1235</i>
		13:04	20:04-GMT Position: 157° / 600 m Direction: West; Behavior: Traveling <i>Kelp edge</i>
		13:07	20:07-GMT Position: 172° / 550 m Direction: West; Behavior: Traveling
		13:09	20:09-GMT Position: 203° / 489 m Direction: West; Behavior: Traveling <i>Calf between cow and kelp</i>
Sighting Number	09	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 1	Images: 2150-51
		14:12	21:12-GMT Position: 118° / 1106 m Direction: West; Behavior: Traveling <i>Edge of kelp- meandering</i>
		14:15	21:15-GMT Position: 118° / 827 m Direction: West; Behavior: Traveling <i>Traveling in mid kelp</i>
		14:18	21:18-GMT Position: 127° / 528 m Direction: West; Behavior: Traveling
		14:21	21:21-GMT Position: 146° / 539 m Direction: West; Behavior: Traveling <i>Lots of white around blowhole</i>
		14:25	21:25-GMT Position: 189° / 528 m Direction: West; Behavior: Traveling

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

		14:28	21:28-GMT	Position: 219° / m	Direction: West; Behavior: Traveling
Sighting Number	12	Quality: Fair Beaufort: 0		<b>Total 1 — 0 Calves</b>	
		15:11	22:11-GMT	Position: 209° / 778 m	Direction: West; Behavior: Traveling
		15:16	22:16-GMT	Position: 239° / 946 m	Direction: West; Behavior: Traveling
Sighting Number	13	Quality: Fair Beaufort: 0		<b>Total 1 — 0 Calves</b>	
		15:32	22:32-GMT	Position: 123° / 1922 m	Direction: West; Behavior: Traveling <i>Odd surfacing behavior- lots of snorkelling</i>
		15:35	22:35-GMT	Position: 129° / 1483 m	Direction: West; Behavior: Traveling
		15:40	22:40-GMT	Position: 144° / 1106 m	Direction: West; Behavior: Traveling
		15:46	22:46-GMT	Position: 176° / 827 m	Direction: West; Behavior: Traveling
		15:49	22:49-GMT	Position: 202° / 696 m	Direction: West; Behavior: Traveling
Sighting Number	15	Quality: Fair Beaufort: 0		<b>Total 2 — 0 Calves</b> Images: 2153-75	
		16:28	23:28-GMT	Position: 139° / 600 m	Direction: West; Behavior: Traveling <i>Along kelp edge- big blow, little puff</i>
		16:30	23:30-GMT	Position: 154° / 574 m	Direction: West; Behavior: Traveling
		16:32	23:32-GMT	Position: 172° / 528 m	Direction: West; Behavior: Traveling
<b>Apr 02</b>	Day 47 of 101				Daily Totals Gray whale (northbound) 11 Calves 4
Sighting Number	01	Quality: Poor Beaufort: 1		<b>Total 2 — 1 Calf</b>	
		10:02	17:02-GMT	Position: 127° / 1106 m	Direction: West; Behavior: Traveling • Fluke
		10:12	17:12-GMT	Position: 189° / 600 m	Direction: West; Behavior: Traveling <i>calf on the inside</i>
Sighting Number	04	Quality: Fair Beaufort: 0		<b>Total 2 — 0 Calves</b>	
		10:31	17:31-GMT	Position: 184° / 489 m	Direction: West; Behavior: Traveling
		10:33	17:33-GMT	Position: 189° / 489 m	Direction: West; Behavior: Traveling <i>Possible calf</i>
Sighting Number	05	Quality: Fair Beaufort: 0		<b>Total 2 — 1 Calf</b> Images: 2178-84	
		10:48	17:48-GMT	Position: 156° / 600 m	Direction: West; Behavior: Traveling <i>Body</i>
		10:51	17:51-GMT	Position: 189° / 489 m	Direction: West; Behavior: Traveling <i>Kelp edge</i>
		10:56	17:56-GMT	Position: 238° / 455 m	Direction: West; Behavior: Traveling <i>Calf</i>
		10:58	17:58-GMT	Position: 254° / 600 m	Direction: West; Behavior: Traveling
		11:00	18:00-GMT	Position: 269° / 600 m	Direction: West; Behavior: Traveling
Sighting Number	12	Quality: Fair Beaufort: 2		<b>Total 1 — 0 Calves</b>	
		14:58	21:58-GMT	Position: 149° / 696 m	Direction: West; Behavior: Traveling
		15:00	22:00-GMT	Position: 172° / 696 m	Direction: West; Behavior: Traveling
		15:06	22:06-GMT	Position: 215° / 661 m	Direction: West; Behavior: Traveling <i>Dissapeared</i>

Sighting Number	13	Quality: Fair	<b>Total 4 — 2 Calves</b>		
		Beaufort: 2	Images: 2205-2236		
		16:51	23:51-GMT	Position: 102° / 3088 m	Direction: West; Behavior: Traveling
		17:00	0:00;	Position: 107° / 2749 m	Direction: West; Behavior: Traveling
		17:07	0:07;	Position: 112° / 1922 m	Direction: West; Behavior: Traveling
		<i>Big whale</i>			
		17:17	0:17;	Position: 121° / 1208 m	Direction: West; Behavior: Traveling
<b>Apr 03</b>		Day 48 of 101	Daily Totals	Gray whale (northbound) 1	Calves 0
Sighting Number	05	Quality: Fair	<b>Total 1 — 0 Calves</b>		
		Beaufort: 2			
		16:48	23:48-GMT	Position: 115° / 1922 m	Direction: West; Behavior: Traveling
		16:58	23:58-GMT	Position: 149° / 1331 m	Direction: West; Behavior: Traveling
<b>Apr 04</b>		Day 49 of 101	Daily Totals	Gray whale (northbound) 10	Calves 3
Sighting Number	07	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 1	Images: 2342-74		
		10:00	17:00-GMT	Position: 111° / 2260 m	Direction: West; Behavior: Traveling
		<i>First spotted in the morning glare off of Campus pt. Traveled along the outer edge of the kelp at a steady clip. Obvious size difference- cow was especially large. Calf was not very active- stayed close to cow mostly on inside and slightly behind cow. Calf often surfaced head first. seemed to continue along the kelp towards Elwoods. Spotted in the waves at Sands. Calf had a very dark head. Dolphins followed the pair from Counter pt to Sands.</i>			
		10:13	17:13-GMT	Position: 119° / 1331 m	Direction: West; Behavior: Traveling
				<i>Kelp edge</i>	
		10:18	17:18-GMT	Position: 124° / 1020 m	Direction: West; Behavior: Traveling
		10:21	17:21-GMT	Position: 147° / 629 m	Direction: West; Behavior: Traveling
		<i>Calf head- position back and inside</i>			
		10:26	17:26-GMT	Position: 190° / 600 m	Direction: West; Behavior: Traveling
		<i>Calf head- Stalled at surface for a few seconds</i>			
Sighting Number	09	Quality: Fair	<b>Total 1 — 0 Calves</b>		
		Beaufort: 1			
		10:49	17:49-GMT	Position: 101° / 3088 m	Direction: West; Behavior: Traveling
		11:01	18:01-GMT	Position: 112° / 2749 m	Direction: West; Behavior: Traveling
		11:13	18:13-GMT	Position: 140° / 1106 m	Direction: West; Behavior: Traveling
		11:19	18:19-GMT	Position: 187° / 778 m	Direction: West; Behavior: Traveling
Sighting Number	11	Quality: Fair	<b>Total 1 — 0 Calves</b>		
		Beaufort: 1			
		12:03	19:03-GMT	Position: 114° / 1922 m	Direction: West; Behavior: Traveling
		12:14	19:14-GMT	Position: 141° / 661 m	Direction: West; Behavior: Traveling
		12:16	19:16-GMT	Position: 156° / 600 m	Direction: West; Behavior: Traveling
Sighting Number	15	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	Images: 2376-2399		
		15:12	22:12-GMT	Position: 105° / 2260 m	Direction: West; Behavior: Traveling
<i>Kelp edge- big blow and little body</i>					
<i>First spotted then near Campus pt. Did not surface for a while and then reappeared moving slowly. Calf's head surfaced many times staying close to mom. Calf also surfaced a lot more than cow staying close to the kelp.</i>					
		15:23	22:23-GMT	Position: 114° / 1674 m	Direction: West; Behavior: Traveling



## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

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15:31	22:31-GMT	Position: 118° / 1331 m	Direction: West; Behavior: Traveling • Rolling
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*Kelp edge, calf head*


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15:38	22:38-GMT	Position: 119° / 946 m	Direction: West; Behavior: Traveling
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15:44	22:44-GMT	Position: 147° / 539 m	Direction: West; Behavior: Traveling
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*Kelp edge- Calf + cow*


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15:54	22:54-GMT	Position: 208° / 489 m	Direction: West; Behavior: Traveling
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Sighting Number	<b>16</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 0	

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15:23	22:23-GMT	Position: 113° / 2749 m	Direction: West; Behavior: Traveling
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15:28	22:28-GMT	Position: 117° / 1922 m	Direction: West; Behavior: Traveling
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15:38	22:38-GMT	Position: 138° / 1020 m	Direction: West; Behavior: Traveling
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15:42	22:42-GMT	Position: 165° / 778 m	Direction: West; Behavior: Traveling • Fluke
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15:50	22:50-GMT	Position: 216° / 696 m	Direction: West; Behavior: Traveling
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*One body hovered at the surface for a long time*


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Sighting Number	<b>17</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>
		Beaufort: 0	Images: 2401-2421

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16:55	23:55-GMT	Position: 114° / 2260 m	Direction: West; Behavior: Traveling
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*Just beyond kelp edge*


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<b>Apr 05</b>	Day 50 of 101	Daily Totals	Gray whale (northbound) 6	Calves 0
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Sighting Number	<b>01</b>	Quality: Fair	<b>Total 3 — 0 Calves</b>
		Beaufort: 1	

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09:04	16:04-GMT	Position: 114° / 1483 m	Direction: West; Behavior: Traveling
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*Just beyond kelp*


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09:11	16:11-GMT	Position: 121° / 1403 m	Direction: West; Behavior: Traveling • Fluke
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09:16	16:16-GMT	Position: 137° / 1020 m	Direction: West; Behavior: Traveling • Rolling
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*Mating behavior*


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09:23	16:23-GMT	Position: 196° / 629 m	Direction: West; Behavior: Traveling
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*Kelp edge*


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Sighting Number	<b>05</b>	Quality: Fair	<b>Total 2 — 0 Calves</b>
		Beaufort: 1	

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09:10	16:10-GMT	Position: 114° / 3088 m	Direction: West; Behavior: Traveling
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09:14	16:14-GMT	Position: 118° / 2260 m	Direction: West; Behavior: Traveling
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09:21	16:21-GMT	Position: 133° / 1403 m	Direction: West; Behavior: Traveling • Fluke
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09:27	16:27-GMT	Position: 167° / 913 m	Direction: West; Behavior: Traveling
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09:33	16:33-GMT	Position: 216° / 827 m	Direction: West; Behavior: Traveling • Fluke • Sharking
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Sighting Number	<b>12</b>	Quality: Good	<b>Total 1 — 0 Calves</b>
		Beaufort: 3	

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15:29	22:29-GMT	Position: 112° / 1674 m	Direction: West; Behavior: Traveling
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15:39	22:39-GMT	Position: 128° / 1403 m	Direction: West; Behavior: Traveling
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15:49	22:49-GMT	Position: 181° / 883 m	Direction: West; Behavior: Traveling
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15:52	22:52-GMT	Position: 192° / 778 m	Direction: West; Behavior: Traveling
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15:55	22:55-GMT	Position: 218° / 696 m	Direction: West; Behavior: Traveling
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<b>Apr 06</b>	Day 51 of 101	Daily Totals	Gray whale (northbound) 6	Calves 3
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Sighting Number	02	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	Images: 2480-2507		
		09:07 16:07-GMT	Position: 159° / 550 m Direction: West; Behavior: Traveling		
<i>Kelp edge - slow surfacing.</i>					
<i>Spotted very close - just off of Counter Pt along outer edge of kelp. Very slow travel, not much lateral movement at surfaces. Whales seemed to be resting or could have been nursing. Blows not obvious. Pair continued along kelp - rounding towards Sands surf</i>					
		09:13 16:13-GMT	Position: 238° / 455 m Direction: West; Behavior: Traveling		
<i>Calf along ocean side</i>					
Sighting Number	05	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	Images: 2511-32		
		09:44 16:44-GMT	Position: 114° / 1922 m Direction: West; Behavior: Traveling		
		<i>First spotted 0937 - Big puff little blow.</i>			
		<i>Size difference in blows. Calf acted sneaky-surfacing in cow's footprints. Didn't seem to travel towards Ellwood. Calf not spotted after passing Holly.</i>			
		09:51 16:51-GMT	Position: 129° / 1208 m Direction: West; Behavior: Traveling • Fluke		
<i>Calf on the inside</i>					
		09:55 16:55-GMT	Position: 137° / 696 m Direction: West; Behavior: Traveling		
		09:56 16:56-GMT	Position: 154° / 678 m Direction: West; Behavior: Traveling		
<i>Calf not showing much</i>					
Sighting Number	07	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	Images: 1533-61		
		11:25 18:25-GMT	Position: 108° / 2260 m Direction: West; Behavior: Traveling • Rolling • Sharking		
		<i>Calf on outside.</i>			
		<i>Pair came in hugging the outer kelp edge tightly. Nursing behavior and heads in the air - once they reached Counter Pt kelp. Then moved a little off the kelp while passing Counter Pt. Continued towards Govt. Pt in a normal traveling behavior.</i>			
		11:31 18:31-GMT	Position: 114° / 1674 m Direction: West; Behavior: Traveling		
<i>Tight along kelp edge</i>					
		11:39 18:39-GMT	Position: 124° / 600 m Direction: Circling; Behavior: Traveling		
<i>Nursing - meandering</i>					
		11:45 18:45-GMT	Position: 156° / 629 m Direction: West; Behavior: Traveling		
<i>Calf ocean side</i>					
<b>Apr 07</b>	Day 52 of 101	Daily Totals	Gray whale (northbound) 4 Calves 2		
Sighting Number	02	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 1	Images: 2578-2621		
		10:54 17:54-GMT	Position: 98° / 3088 m Direction: West; Behavior: Traveling		
		<i>Big blow/little puff</i>			
		<i>First seen near Campus Point. We saw a big blow and little puff. Cow and calf moved slowly + stopped to play where their direction changed a few times and they seemed to have been feeding. They continued to meander West and the calf's head lifted draped with kelp. We saw both the calf's head and the cow's head at the same time as well. Obvious size difference noticed.</i>			
				11:05 18:05-GMT	Position: 100° / 2260 m Direction: West; Behavior: Traveling
				11:09 18:09-GMT	Position: 102° / 2260 m Direction: West; Behavior: Traveling
				11:16 18:16-GMT	Position: 107° / 1922 m Direction: West; Behavior: Traveling
				11:22 18:22-GMT	Position: 109° / 1922 m Direction: Circling; Behavior: Traveling
		<i>Playing/feeding</i>			
		11:28 18:28-GMT	Position: 111° / 1483 m Direction: Circling; Behavior: Traveling		
<i>meandering</i>					
		11:32 18:32-GMT	Position: 119° / 1483 m Direction: West; Behavior: Traveling		
		11:35 18:35-GMT	Position: 124° / 1106 m Direction: West; Behavior: Traveling		

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

	11:40	18:40-GMT	Position: 144° / 696 m	Direction: West; Behavior: Traveling
	11:43	18:43-GMT	Position: 168° / 508 m	Direction: West; Behavior: Traveling
	11:47	18:47-GMT	Position: 228° / 528 m	Direction: West; Behavior: Traveling <i>Calf head lifted, draped w/ kelp</i>
	11:49	18:49-GMT	Position: 236° / 440 m	Direction: West; Behavior: Traveling <i>Cow + calf heads seen</i>
Sighting Number	09	Quality: Fair Beaufort: 1	<b>Total 2 — 1 Calf</b> <i>Images: 2664-98</i>	
	14:38	21:38-GMT	Position: 146° / 913 m	Direction: West; Behavior: Traveling
	14:40	21:40-GMT	Position: 164° / 735 m	Direction: West; Behavior: Traveling
	14:44	21:44-GMT	Position: 209° / 600 m	Direction: West; Behavior: Traveling <i>Calf spotted behind</i>
<b>Apr 09</b>	Day 54 of 101		Daily Totals	Gray whale (northbound) 3 Calves 1
Sighting Number	07	Quality: Fair Beaufort: 4	<b>Total 1 — 0 Calves</b>	
	13:30	20:30-GMT	Position: 122° / 1674 m	Direction: West; Behavior: Traveling
	13:36	20:36-GMT	Position: 154° / 661 m	Direction: West; Behavior: Traveling
	13:38	20:38-GMT	Position: 177° / 629 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	11	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b>	
	16:42	23:42-GMT	Position: 112° / 2260 m	Direction: West; Behavior: Traveling <i>Kelp edge</i>
	16:49	23:49-GMT	Position: 126° / 1106 m	Direction: West; Behavior: Traveling <i>Little blow + big blow</i>
	16:52	23:52-GMT	Position: 138° / 827 m	Direction: West; Behavior: Traveling • Fluke <i>Calf on inside</i>
<b>Apr 10</b>	Day 55 of 101		Daily Totals	Gray whale (northbound) 4 Calves 1
Sighting Number	03	Quality: Fair Beaufort: 1	<b>Total 2 — 0 Calves</b>	
	09:36	16:36-GMT	Position: 123° / 2749 m	Direction: West; Behavior: Traveling
	09:42	16:42-GMT	Position: 132° / 1922 m	Direction: West; Behavior: Traveling
	09:47	16:47-GMT	Position: 145° / 1674 m	Direction: West; Behavior: Traveling
	09:58	16:58-GMT	Position: 197° / 883 m	Direction: West; Behavior: Traveling
	10:01	17:01-GMT	Position: 222° / 883 m	Direction: West; Behavior: Traveling
	10:07	17:07-GMT	Position: 249° / 1331 m	Direction: West; Behavior: Traveling
Sighting Number	11	Quality: Fair Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: 2889-2986</i>	
	15:20	22:20-GMT	Position: 108° / 2260 m	Direction: West; Behavior: Traveling <i>Slow travel along kelp and sometimes in surf. Meandered in front of Counter Pt with some nursing behavior. Cow and calf were very playful - spyhops &amp; rolling. Calf also played with kelp.</i>
	15:28	22:28-GMT	Position: 112° / 1674 m	Direction: East; Behavior: Traveling <i>Meandering</i>
	15:30	22:30-GMT	Position: 116° / 1483 m	Direction: West; Behavior: Traveling • Spyhop
	15:44	22:44-GMT	Position: 146° / 574 m	Direction: West; Behavior: Traveling <i>Calf behind + inside</i>

		15:52	22:52-GMT	Position: 178° / 528 m	Direction: Circling; Behavior: Traveling		
		<i>Nursing - saw calf flipper</i>					
		15:55	22:55-GMT	Position: 202° / 489 m	Direction: Circling; Behavior: Traveling • Spyhop • Rolling •		
<b>Apr 11</b>	Day 56 of 101					Daily Totals	Gray whale (northbound) 4 Calves 1
Sighting Number	<b>12</b>	Quality: Good		<b>Total 1 — 0 Calves</b>			
		Beaufort: 1					
		13:29	20:29-GMT	Position: 131° / 2749 m	Direction: West; Behavior: Traveling • Fluke		
		13:36	20:36-GMT	Position: 144° / 2260 m	Direction: West; Behavior: Traveling • Fluke		
		13:40	20:40-GMT	Position: 154° / 2260 m	Direction: West; Behavior: Traveling • Fluke		
		13:44	20:44-GMT	Position: 168° / 1922 m	Direction: West; Behavior: Traveling • Fluke		
		13:50	20:50-GMT	Position: 197° / 1483 m	Direction: West; Behavior: Traveling • Fluke		
Sighting Number	<b>13</b>	Quality: Good		<b>Total 2 — 1 Calf</b>			
		Beaufort: 1		<i>Images: 3237-76</i>			
		13:57	20:57-GMT	Position: 105° / 2260 m	Direction: West; Behavior: Traveling		
		<i>Kelp Edge.</i>					
		<i>Pair consistently traveling along outer kelp edge. Calf would surface on any side of Mom but always close by. Seemed to angle towards Ellwood.</i>					
		14:05	21:05-GMT	Position: 115° / 1674 m	Direction: West; Behavior: Traveling		
		<i>Little blow + big blow</i>					
		14:12	21:12-GMT	Position: 124° / 883 m	Direction: West; Behavior: Traveling		
		<i>Moved off kelp, calf ocean side</i>					
		14:16	21:16-GMT	Position: 144° / 661 m	Direction: West; Behavior: Traveling		
		<i>Along kelp - calf shore side</i>					
		14:22	21:22-GMT	Position: 187° / 574 m	Direction: West; Behavior: Traveling		
		<i>Calf ocean side - swimming near surface</i>					
Sighting Number	<b>14</b>	Quality: Fair		<b>Total 1 — 0 Calves</b>			
		Beaufort: 3					
		16:31	23:31-GMT	Position: 104° / 1922 m	Direction: West; Behavior: Traveling		
		16:40	23:40-GMT	Position: 108° / 1483 m	Direction: Circling; Behavior: Traveling • Sharking		
		<i>Feeding? - meandering.</i>					
		16:57	23:57-GMT	Position: 124° / 1331 m	Direction: West; Behavior: Traveling		
<b>Apr 12</b>	Day 57 of 101					Daily Totals	Gray whale (northbound) 2 Calves 1
Sighting Number	<b>05</b>	Quality: Good		<b>Total 2 — 1 Calf</b>			
		Beaufort: 1		<i>Images: 3324-31</i>			
		10:26	17:26-GMT	Position: 122° / 1020 m	Direction: West; Behavior: Traveling • Breach		
		<i>First seen breaching in between IV + Counter Pt. They meandered in that area for a bit swimming at the surface before moving West. Whale breached 2 more times and then did not surface for awhile, continued moving West with few blows/surfacing. Snorkeled along typical cow/calf trail.</i>					
		10:29	17:29-GMT	Position: 124° / 778 m	Direction: West; Behavior: Traveling		
		<i>Swimming at the surface a lot.</i>					
		10:32	17:32-GMT	Position: 129° / 600 m	Direction: West; Behavior: Traveling • Breach		
		<i>Breached 2x</i>					
		10:40	17:40-GMT	Position: 198° / 528 m	Direction: West; Behavior: Traveling		
		10:42	17:42-GMT	Position: 234° / 600 m	Direction: West; Behavior: Traveling		
<b>Apr 13</b>	Day 58 of 101					Daily Totals	Gray whale (northbound) 14 Calves 7

Sighting Number	<b>04</b>	Quality: Fair	<b>Total 8 — 4 Calves</b>		
		Beaufort: 1	Images: 3447-3585		
		<b>11:23</b>	18:23-GMT	Position: 102° / 2749 m	Direction: West; Behavior: Traveling
		<i>First spotted 1108, 4 + 2 + 2</i>			
		<b>11:42</b>	18:42-GMT	Position: 109° / 1674 m	Direction: West; Behavior: Traveling • Rolling • Spyhop • Tail
		<i>Halted - lots of playing</i>			
		<i>Also observed sharking (10) and fluke (4) behaviors</i>			
		<b>12:02</b>	19:02-GMT	Position: 117° / 1403 m	Direction: West; Behavior: Traveling • Rolling
<b>12:13</b>	19:13-GMT	Position: 130° / 600 m	Direction: West; Behavior: Traveling • Rolling		
<i>Kelp edge</i>					
<b>12:19</b>	19:19-GMT	Position: 149° / 550 m	Direction: West; Behavior: Traveling • Bubbles Blast • Rolling		
<i>Kelp draped on head/back</i>					
<b>12:23</b>	19:23-GMT	Position: 174° / 528 m	Direction: West; Behavior: Traveling • Rolling		
<i>Meandering - kelp edge</i>					
<b>12:30</b>	19:30-GMT	Position: 219° / 489 m	Direction: West; Behavior: Traveling		
<i>Group of 4 - just outside kelp</i>					
Sighting Number	<b>06</b>	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 1	Images: 3587-3736		
		<b>14:14</b>	21:14-GMT	Position: 104° / 2260 m	Direction: West; Behavior: Traveling
		<i>Obvious size difference</i>			
		<b>14:28</b>	21:28-GMT	Position: 108° / 1922 m	Direction: West; Behavior: Traveling
		<i>Halted progress</i>			
		<b>15:03</b>	22:03-GMT	Position: 105° / 1331 m	Direction: West; Behavior: Traveling
		<i>Meandering</i>			
<b>15:16</b>	22:16-GMT	Position: 113° / 883 m	Direction: West; Behavior: Traveling		
<b>15:20</b>	22:20-GMT	Position: 119° / 778 m	Direction: West; Behavior: Traveling		
<b>15:28</b>	22:28-GMT	Position: 143° / 356 m	Direction: West; Behavior: Traveling		
<b>15:42</b>	22:42-GMT	Position: 264° / 489 m	Direction: West; Behavior: Traveling		
Sighting Number	<b>07</b>	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 1	Images: 3587-3736		
		<b>14:26</b>	21:26-GMT	Position: 103° / 3088 m	Direction: West; Behavior: Traveling
		<b>14:34</b>	21:34-GMT	Position: 104° / 2260 m	Direction: West; Behavior: Traveling
		<i>Joined # 6</i>			
		<b>15:16</b>	22:16-GMT	Position: 113° / 883 m	Direction: West; Behavior: Traveling
		<b>15:20</b>	22:20-GMT	Position: 119° / 778 m	Direction: West; Behavior: Traveling
		<b>15:28</b>	22:28-GMT	Position: 143° / 356 m	Direction: West; Behavior: Traveling
<b>15:42</b>	22:42-GMT	Position: 264° / 489 m	Direction: West; Behavior: Traveling		
Sighting Number	<b>10</b>	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 3	Images: 3738-52		
		<b>16:27</b>	23:27-GMT	Position: 103° / 2260 m	Direction: West; Behavior: Traveling
		<i>Kelp edge, big blow + little puff</i>			
		<b>16:39</b>	23:39-GMT	Position: 108° / 1331 m	Direction: West; Behavior: Traveling
		<i>Calf head - meandering</i>			
<b>16:51</b>	23:51-GMT	Position: 122° / 778 m	Direction: West; Behavior: Traveling		
<i>Kelp edge</i>					
<b>16:58</b>	23:58-GMT	Position: 154° / 600 m	Direction: West; Behavior: Traveling • Bubbles Blast		
<i>Snorkeling</i>					

<b>Apr 15</b>		Day 60 of 101	Daily Totals	Gray whale (northbound) 9	Calves 4
Sighting Number	<b>04</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b> <i>Images: 3786-3800</i>		
	<b>10:05</b>	17:05-GMT	Position: 111° / 2260 m	Direction: West; Behavior: Traveling	
	<b>10:17</b>	17:17-GMT	Position: 127° / 913 m	Direction: West; Behavior: Traveling	<i>Big blow - little puff</i>
	<b>10:22</b>	17:22-GMT	Position: 138° / 661 m	Direction: West; Behavior: Traveling	<i>Calf head - kelp edge</i>
	<b>10:24</b>	17:24-GMT	Position: 154° / 600 m	Direction: West; Behavior: Traveling	<i>Calf on ocean side</i>
	<b>10:27</b>	17:27-GMT	Position: 177° / 574 m	Direction: West; Behavior: Traveling	
Sighting Number	<b>05</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b> <i>Images: 3769-84</i>		
	<b>10:13</b>	17:13-GMT	Position: 157° / 661 m	Direction: West; Behavior: Traveling	
	<b>10:16</b>	17:16-GMT	Position: 171° / 600 m	Direction: West; Behavior: Traveling	
	<b>10:21</b>	17:21-GMT	Position: 229° / 528 m	Direction: West; Behavior: Traveling	
Sighting Number	<b>07</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b> <i>Images: 3802-42</i>		
	<b>11:37</b>	18:37-GMT	Position: 105° / 2260 m	Direction: West; Behavior: Traveling	<i>First spotted at 1131</i>
	<b>11:41</b>	18:41-GMT	Position: 107° / 2260 m	Direction: West; Behavior: Traveling	
	<b>11:44</b>	18:44-GMT	Position: 112° / 1674 m	Direction: West; Behavior: Traveling	
	<b>12:02</b>	19:02-GMT	Position: 127° / 778 m	Direction: West; Behavior: Traveling	
	<b>12:09</b>	19:09-GMT	Position: 155° / 508 m	Direction: West; Behavior: Traveling	<i>Calf head - draped w/ kelp</i>
	<b>12:14</b>	19:14-GMT	Position: 181° / 489 m	Direction: West; Behavior: Traveling	<i>Calf on shoreside</i>
Sighting Number	<b>08</b>	Quality: Good Beaufort: 2	<b>Total 2 — 1 Calf</b> <i>Images: 3844-62</i>		
	<b>12:08</b>	19:08-GMT	Position: 101° / 2749 m	Direction: West; Behavior: Traveling	
	<b>12:30</b>	19:30-GMT	Position: 119° / 1331 m	Direction: West; Behavior: Traveling	
	<b>12:39</b>	19:39-GMT	Position: 129° / 678 m	Direction: West; Behavior: Traveling	<i>Along kelp edge</i>
	<b>12:44</b>	19:44-GMT	Position: 153° / 600 m	Direction: West; Behavior: Traveling	
	<b>12:49</b>	19:49-GMT	Position: 183° / 528 m	Direction: West; Behavior: Traveling	<i>Calf head - calf on inside</i>
Sighting Number	<b>10</b>	Quality: Fair Beaufort: 4	<b>Total 1 — 0 Calves</b> <i>Images: 3864-5</i>		
	<b>15:34</b>	22:34-GMT	Position: 171° / 696 m	Direction: West; Behavior: Traveling	
<b>Apr 16</b>		Day 61 of 101	Daily Totals	Gray whale (northbound) 24	Calves 12
Sighting Number	<b>01</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 1 Calf</b>		
	<b>09:00</b>	16:00-GMT	Position: 304° / 946 m	Direction: West; Behavior: Traveling	<i>Off Ellwood kelp - calf on inside</i>

Sighting Number	03	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	<b>Images: 3879-3910</b>		
		09:27	16:27-GMT	Position: 113° / 2260 m	Direction: West; Behavior: Traveling • Fluke
		<i>Thru kelp - calf on inside - frequent blows</i>			
		09:34	16:34-GMT	Position: 118° / 1331 m	Direction: West; Behavior: Traveling • Fluke
		<i>Calf fluke</i>			
Sighting Number	06	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	<b>Images: 3912-16</b>		
		09:57	16:57-GMT	Position: 128° / 883 m	Direction: West; Behavior: Traveling
		<i>Calf on outside</i>			
Sighting Number	07	Quality: Good	<b>Total 4 — 2 Calves</b>		
		Beaufort: 0	<b>Images: 3919-79</b>		
		10:18	17:03-GMT	Position: 165° / 661 m	Direction: West; Behavior: Traveling
<i>Along kelp edge</i>					
Sighting Number	07	10:03	17:03-GMT	Position: 165° / 661 m	Direction: West; Behavior: Traveling
		<i>Along kelp edge</i>			
		10:09	17:09-GMT	Position: 241° / 600 m	Direction: West; Behavior: Traveling
		Sighting Number	08	Quality: Good	<b>Total 2 — 1 Calf</b>
				Beaufort: 0	<b>Images: 3981-4009</b>
				11:20	18:20-GMT
11:26	18:26-GMT			Position: 126° / 778 m	Direction: West; Behavior: Traveling
<i>Calf ocean side - flank</i>					
Sighting Number	09	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0			
		12:34	19:34-GMT	Position: 170° / 1483 m	Direction: West; Behavior: Traveling
<i>Big blow + little puff</i>					

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	<b>12:37</b>	19:37-GMT	Position: 185° / 1403 m Direction: West; Behavior: Traveling
	<b>12:44</b>	19:44-GMT	Position: 211° / 600 m Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: 4011-56</i>
	<b>12:56</b>	19:56-GMT	Position: 105° / 2260 m Direction: West; Behavior: Traveling
	<b>13:05</b>	20:05-GMT	Position: 112° / 1674 m Direction: West; Behavior: Traveling
	<b>13:11</b>	20:11-GMT	Position: 116° / 946 m Direction: West; Behavior: Traveling
	<b>13:13</b>	20:13-GMT	Position: 119° / 883 m Direction: West; Behavior: Traveling
	<b>13:19</b>	20:19-GMT	Position: 136° / 550 m Direction: West; Behavior: Traveling
	<b>13:20</b>	20:20-GMT	Position: 156° / 489 m Direction: West; Behavior: Traveling
	<b>13:24</b>	20:24-GMT	Position: 187° / 489 m Direction: West; Behavior: Traveling
	<b>13:28</b>	20:28-GMT	Position: 208° / 300 m Direction: West; Behavior: Traveling <i>Inside kelp</i>
Sighting Number	<b>11</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: 4058-62</i>
	<b>13:52</b>	20:52-GMT	Position: 106° / 1922 m Direction: West; Behavior: Traveling
	<b>13:58</b>	20:58-GMT	Position: 112° / 1922 m Direction: West; Behavior: Traveling
	<b>14:11</b>	21:11-GMT	Position: 131° / 661 m Direction: West; Behavior: Traveling <i>Along kelp edge</i>
	<b>14:20</b>	21:20-GMT	Position: 186° / 489 m Direction: West; Behavior: Traveling
	<b>14:23</b>	21:23-GMT	Position: 237° / 550 m Direction: West; Behavior: Traveling • Bubbles Blast
Sighting Number	<b>12</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: 4063-83</i>
	<b>14:16</b>	21:16-GMT	Position: 134° / 600 m Direction: West; Behavior: Traveling
	<b>14:19</b>	21:19-GMT	Position: 154° / 338 m Direction: West; Behavior: Traveling • Rolling <i>Surface playing</i>
	<b>14:21</b>	21:21-GMT	Position: 185° / 314 m Direction: West; Behavior: Traveling <i>Obvious size difference</i>
	<b>14:24</b>	21:24-GMT	Position: 250° / 412 m Direction: West; Behavior: Traveling <i>Calf ocean side + flank</i>
Sighting Number	<b>15</b>	Quality: Good Beaufort: 2	<b>Total 4 — 2 Calves</b> <i>Images: 4088-4107</i>
	<b>16:32</b>	23:32-GMT	Position: 99° / 2749 m Direction: West; Behavior: Traveling <i>2 + 2</i>
	<b>16:46</b>	23:46-GMT	Position: 110° / 2260 m Direction: West; Behavior: Traveling <i>Lead group</i>
	<b>16:51</b>	23:51-GMT	Position: 114° / 1674 m Direction: West; Behavior: Traveling <i>Kelp edge - lead group</i>
	<b>16:59</b>	23:59-GMT	Position: 119° / 1106 m Direction: West; Behavior: Traveling <i>Lead group</i>
<b>Apr 17</b>	Day 62 of 101	Daily Totals Gray whale (northbound) 12 Calves 6	
Sighting Number	<b>08</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b>
	<b>12:58</b>	19:58-GMT	Position: 140° / 1483 m Direction: West; Behavior: Traveling
	<b>13:02</b>	20:02-GMT	Position: 151° / 1483 m Direction: West; Behavior: Traveling



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	13:09	20:09-GMT	Position: 178° / 946 m	Direction: West; Behavior: Traveling
	13:13	20:13-GMT	Position: 203° / 883 m	Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b> Images: <a href="#">4120-32</a>	
	13:15	20:15-GMT	Position: 100° / 2749 m	Direction: West; Behavior: Traveling <i>Vessel interaction Vc</i>
	13:45	20:45-GMT	Position: 139° / 1674 m	Direction: West; Behavior: Traveling
	13:48	20:48-GMT	Position: 151° / 1483 m	Direction: West; Behavior: Traveling
	13:52	20:52-GMT	Position: 164° / 1483 m	Direction: West; Behavior: Traveling
	13:57	20:57-GMT	Position: 186° / 1331 m	Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b>	
	14:57	21:57-GMT	Position: 152° / 1331 m	Direction: West; Behavior: Traveling
	15:06	22:06-GMT	Position: 179° / 1106 m	Direction: West; Behavior: Traveling
	15:11	22:11-GMT	Position: 210° / 946 m	Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b> Images: <a href="#">4161-4223</a>	
	15:51	22:51-GMT	Position: 98° / 3088 m	Direction: West; Behavior: Traveling <i>Big blow + little blow</i>
	16:08	23:08-GMT	Position: 108° / 1922 m	Direction: West; Behavior: Traveling <i>Calf shore side</i>
	16:21	23:21-GMT	Position: 118° / 1208 m	Direction: West; Behavior: Traveling
	16:26	23:26-GMT	Position: 134° / 883 m	Direction: West; Behavior: Traveling
	16:30	23:30-GMT	Position: 159° / 574 m	Direction: West; Behavior: Traveling • Fluke <i>Meandering at surface</i>
	16:36	23:36-GMT	Position: 177° / 528 m	Direction: West; Behavior: Traveling
Sighting Number	<b>15</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b> Images: <a href="#">4134-60</a>	
	16:14	23:14-GMT	Position: 133° / 1483 m	Direction: West; Behavior: Traveling
	16:20	23:20-GMT	Position: 139° / 883 m	Direction: West; Behavior: Traveling • Fluke
	16:24	23:24-GMT	Position: 154° / 600 m	Direction: West; Behavior: Traveling <i>Kelp edge</i>
	16:27	23:27-GMT	Position: 174° / 550 m	Direction: West; Behavior: Traveling
	16:30	23:30-GMT	Position: 217° / 550 m	Direction: West; Behavior: Traveling
Sighting Number	<b>16</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b> Images: <a href="#">4225-36</a>	
	16:47	23:47-GMT	Position: 162° / 600 m	Direction: West; Behavior: Traveling
	16:51	23:51-GMT	Position: 174° / 574 m	Direction: West; Behavior: Traveling
	16:57	23:57-GMT	Position: 249° / 489 m	Direction: West; Behavior: Traveling
<b>Apr 18</b>	Day 63 of 101	Daily Totals		Gray whale (northbound) 12 Calves 6
Sighting Number	<b>02</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b> Images: <a href="#">none</a>	
	10:04	17:04-GMT	Position: 118° / 2260 m	Direction: West; Behavior: Traveling
	10:08	17:08-GMT	Position: 124° / 1922 m	Direction: West; Behavior: Traveling

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	<b>10:17</b>	17:17-GMT	Position: 147° / 1483 m Direction: West; Behavior: Traveling
	<b>10:20</b>	17:20-GMT	Position: 161° / 1331 m Direction: West; Behavior: Traveling
Sighting Number	<b>05</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: 4238-64</i>
	<b>10:40</b>	17:40-GMT	Position: 104° / 1208 m Direction: West; Behavior: Traveling
	<b>10:44</b>	17:44-GMT	Position: 116° / 827 m Direction: West; Behavior: Traveling
	<b>10:48</b>	17:48-GMT	Position: 135° / 600 m Direction: West; Behavior: Traveling <i>Calf on ocean side</i>
	<b>10:53</b>	17:53-GMT	Position: 187° / 574 m Direction: West; Behavior: Traveling
	<b>10:59</b>	17:59-GMT	Position: 249° / 778 m Direction: West; Behavior: Traveling
Sighting Number	<b>07</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: 4266-78</i>
	<b>13:22</b>	20:22-GMT	Position: 101° / 3088 m Direction: West; Behavior: Traveling
	<b>13:44</b>	20:44-GMT	Position: 127° / 1403 m Direction: West; Behavior: Traveling
	<b>13:50</b>	20:50-GMT	Position: 137° / 778 m Direction: West; Behavior: Traveling
	<b>13:54</b>	20:54-GMT	Position: 167° / 678 m Direction: West; Behavior: Traveling
	<b>13:59</b>	20:59-GMT	Position: 216° / 696 m Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: none</i>
	<b>13:46</b>	20:46-GMT	Position: 176° / 946 m Direction: West; Behavior: Traveling
	<b>13:48</b>	20:48-GMT	Position: 186° / 946 m Direction: West; Behavior: Traveling <i>Calf ocean side - flank</i>
	<b>13:55</b>	20:55-GMT	Position: 219° / 1106 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: 4280-4345</i>
	<b>14:24</b>	21:24-GMT	Position: 105° / 2749 m Direction: West; Behavior: Traveling <i>Calf shore side</i>
	<b>14:35</b>	21:35-GMT	Position: 111° / 2260 m Direction: West; Behavior: Traveling
	<b>14:46</b>	21:46-GMT	Position: 128° / 1331 m Direction: West; Behavior: Traveling
	<b>14:49</b>	21:49-GMT	Position: 149° / 778 m Direction: West; Behavior: Traveling • Bubbles Blast • Fluke • <i>Cow breach</i>
	<b>14:52</b>	21:52-GMT	Position: 190° / 629 m Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: 4400-52</i>
	<b>16:09</b>	23:09-GMT	Position: 118° / 1674 m Direction: West; Behavior: Traveling <i>Calf at kelp edge</i>
	<b>16:16</b>	23:16-GMT	Position: 130° / 735 m Direction: West; Behavior: Traveling <i>Calf shore side</i>
	<b>16:21</b>	23:21-GMT	Position: 161° / 528 m Direction: West; Behavior: Traveling <i>Calf ocean side</i>
	<b>16:24</b>	23:24-GMT	Position: 179° / 471 m Direction: West; Behavior: Traveling • Bubbles Blast <i>Nursing behavior</i>
	<b>16:26</b>	23:26-GMT	Position: 191° / 455 m Direction: West; Behavior: Traveling <i>Calf shore side - flank</i>

Sighting Number	<b>04</b>	Quality: Good	<b>Total 6 — 3 Calves</b>		
		Beaufort: 1	Images: 4496-4676		
		<b>11:15</b>	18:15-GMT	Position: 102° / 3088 m	Direction: West; Behavior: Traveling • Fluke
		<i>Slow travel</i>			
		<b>11:27</b>	18:27-GMT	Position: 102° / 2260 m	Direction: West; Behavior: Traveling • Fluke
		<i>Calf head</i>			
		<b>11:36</b>	18:36-GMT	Position: 103° / 1922 m	Direction: West; Behavior: Traveling • Rolling • Pec Slap •
Sighting Number	<b>06</b>	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 1	Images: 4537-41		
		<b>11:52</b>	18:52-GMT	Position: 112° / 3088 m	Direction: West; Behavior: Traveling
		<b>11:59</b>	18:59-GMT	Position: 120° / 2749 m	Direction: West; Behavior: Traveling
		<b>12:11</b>	19:11-GMT	Position: 147° / 1483 m	Direction: West; Behavior: Traveling
		<b>12:15</b>	19:15-GMT	Position: 158° / 1483 m	Direction: West; Behavior: Traveling
		<b>12:19</b>	19:19-GMT	Position: 182° / 1106 m	Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 1	Images: 4689-4784		
		<b>13:52</b>	20:52-GMT	Position: 107° / 2749 m	Direction: West; Behavior: Traveling
		<b>14:10</b>	21:10-GMT	Position: 115° / 1674 m	Direction: West; Behavior: Traveling
		<b>14:16</b>	21:16-GMT	Position: 136° / 946 m	Direction: West; Behavior: Traveling
		<b>14:19</b>	21:19-GMT	Position: 155° / 696 m	Direction: West; Behavior: Traveling
		<b>14:21</b>	21:21-GMT	Position: 181° / 661 m	Direction: West; Behavior: Traveling
<i>Calf on shore side</i>					
Sighting Number	<b>15</b>	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	Images: 4795-4835		
		<b>14:43</b>	21:43-GMT	Position: 108° / 1922 m	Direction: West; Behavior: Traveling
		<i>Right on edge of kelp</i>			
		<b>14:49</b>	21:49-GMT	Position: 113° / 1922 m	Direction: West; Behavior: Traveling
		<i>Calf on inside</i>			
		<b>14:52</b>	21:52-GMT	Position: 118° / 1483 m	Direction: West; Behavior: Traveling
		<b>14:57</b>	21:57-GMT	Position: 126° / 1208 m	Direction: West; Behavior: Traveling
		<b>15:04</b>	22:04-GMT	Position: 150° / 696 m	Direction: West; Behavior: Traveling
Sighting Number	<b>16</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	Images: none		
		<b>15:04</b>	22:04-GMT	Position: 152° / 1483 m	Direction: West; Behavior: Traveling
		<i>Calf ocean side</i>			
		<b>Apr 20</b> Day 65 of 101 <span style="float: right;">Daily Totals Gray whale (northbound) 23 Calves 11</span>			
		Sighting Number	<b>01</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>
				Beaufort: 0	Images: 4839-83
				<b>08:58</b>	15:58-GMT
		<i>Kelp edge - calf shore side</i>			

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	<b>09:01</b>	16:01-GMT	Position: 126° / 629 m	Direction: West; Behavior: Traveling • Spyhop
				<i>Calf spyhop</i>
	<b>09:07</b>	16:07-GMT	Position: 161° / 528 m	Direction: West; Behavior: Traveling
	<b>09:10</b>	16:10-GMT	Position: 183° / 550 m	Direction: West; Behavior: Traveling
Sighting Number	<b>02</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 1 Calf</b> Images: 4885-4933	
	<b>08:59</b>	15:59-GMT	Position: 113° / 2260 m	Direction: West; Behavior: Traveling
	<b>09:08</b>	16:08-GMT	Position: 118° / 1674 m	Direction: West; Behavior: Traveling <i>Calf head - halted progress</i>
	<b>09:14</b>	16:14-GMT	Position: 117° / 1331 m	Direction: West; Behavior: Traveling <i>Traveling thru kelp</i>
	<b>09:18</b>	16:18-GMT	Position: 124° / 946 m	Direction: West; Behavior: Traveling <i>Moved off kelp</i>
	<b>09:24</b>	16:24-GMT	Position: 149° / 574 m	Direction: West; Behavior: Traveling
	<b>09:32</b>	16:32-GMT	Position: 182° / 574 m	Direction: West; Behavior: Traveling
	<b>09:36</b>	16:36-GMT	Position: 198° / 574 m	Direction: West; Behavior: Traveling <i>Calf shore side - head</i>
Sighting Number	<b>04</b>	Quality: Good Beaufort: 0	<b>Total 1 — 0 Calves</b> Images: none	
	<b>10:22</b>	17:22-GMT	Position: 109° / 3088 m	Direction: West; Behavior: Traveling • Fluke
	<b>10:28</b>	17:28-GMT	Position: 118° / 1922 m	Direction: West; Behavior: Traveling • Fluke
	<b>10:39</b>	17:39-GMT	Position: 174° / 678 m	Direction: West; Behavior: Traveling
	<b>10:40</b>	17:40-GMT	Position: 196° / 661 m	Direction: West; Behavior: Traveling
Sighting Number	<b>07</b>	Quality: Good Beaufort: 1	<b>Total 2 — 1 Calf</b> Images: 4960-86	
	<b>11:46</b>	18:46-GMT	Position: 107° / 2749 m	Direction: West; Behavior: Traveling
	<b>11:52</b>	18:52-GMT	Position: 109° / 2260 m	Direction: West; Behavior: Traveling <i>Along kelp edge</i>
	<b>12:04</b>	19:04-GMT	Position: 124° / 1106 m	Direction: West; Behavior: Traveling
	<b>12:10</b>	19:10-GMT	Position: 140° / 661 m	Direction: West; Behavior: Traveling
	<b>12:11</b>	19:11-GMT	Position: 161° / 600 m	Direction: West; Behavior: Traveling
	<b>12:17</b>	19:17-GMT	Position: 194° / 550 m	Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Good Beaufort: 1	<b>Total 6 — 3 Calves</b> Images: 4988-5088	
	<b>11:47</b>	18:47-GMT	Position: 104° / 3088 m	Direction: West; Behavior: Traveling
	<b>12:02</b>	19:02-GMT	Position: 112° / 1922 m	Direction: West; Behavior: Traveling <i>Along kelp edge</i>
	<b>12:11</b>	19:11-GMT	Position: 121° / 1331 m	Direction: West; Behavior: Traveling <i>Off kelp</i>
	<b>12:17</b>	19:17-GMT	Position: 141° / 678 m	Direction: West; Behavior: Traveling
	<b>12:20</b>	19:20-GMT	Position: 165° / 629 m	Direction: West; Behavior: Traveling • Rolling <i>Slight rolling on down breath</i>
	<b>12:24</b>	19:24-GMT	Position: 204° / 539 m	Direction: West; Behavior: Traveling <i>Calf flipper</i>

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

Sighting Number	<b>09</b>	Quality: Good	<b>Total 6 — 3 Calves</b>		
		Beaufort: 1	Images: 5095-5193		
		12:25	19:25-GMT	Position: 105° / 3088 m	Direction: West; Behavior: Traveling
		<i>2 + 2 + 2</i>			
		12:39	19:39-GMT	Position: 111° / 2260 m	Direction: West; Behavior: Traveling • Breach
		12:42	19:42-GMT	Position: 114° / 1922 m	Direction: West; Behavior: Traveling • Breach • Fluke • Rolling
		12:50	19:50-GMT	Position: 122° / 1331 m	Direction: West; Behavior: Traveling
		12:54	19:54-GMT	Position: 134° / 827 m	Direction: West; Behavior: Traveling
		13:00	20:00-GMT	Position: 175° / 629 m	Direction: West; Behavior: Traveling • Breach
13:04	20:04-GMT	Position: 218° / 735 m	Direction: West; Behavior: Traveling • Bubbles Blast		
13:10	20:10-GMT	Position: 275° / 1106 m	Direction: West; Behavior: Traveling		
Sighting Number	<b>12</b>	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 3	Images: 5195-5213		
		14:48	21:48-GMT	Position: 130° / 661 m	Direction: West; Behavior: Traveling
		<i>Right along kelp edge</i>			
		14:51	21:51-GMT	Position: 156° / 629 m	Direction: West; Behavior: Traveling
<i>Moving quickly</i>					
14:54	21:54-GMT	Position: 181° / 550 m	Direction: West; Behavior: Traveling		
14:59	21:59-GMT	Position: 251° / 574 m	Direction: West; Behavior: Traveling		
Sighting Number	<b>13</b>	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 3	Images: 5220-38		
		15:31	22:31-GMT	Position: 168° / 629 m	Direction: West; Behavior: Traveling
		<i>Kelp edge</i>			
15:34	22:34-GMT	Position: 188° / 574 m	Direction: West; Behavior: Traveling		
<i>Calf's head</i>					
15:38	22:38-GMT	Position: 233° / 489 m	Direction: West; Behavior: Traveling		
<b>Apr 21</b>	Day 66 of 101	Daily Totals	Gray whale (northbound) 12 Calves 6		
Sighting Number	<b>01</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	Images: 5242-7		
		08:54	15:54-GMT	Position: 264° / 539 m	Direction: West; Behavior: Traveling
<i>From sands overlook</i>					
08:58	15:58-GMT	Position: 293° / 735 m	Direction: West; Behavior: Traveling		
Sighting Number	<b>03</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	Images: 5265-5318		
		09:36	16:36-GMT	Position: 107° / 1403 m	Direction: West; Behavior: Traveling
		09:41	16:41-GMT	Position: 112° / 946 m	Direction: West; Behavior: Traveling
		09:46	16:46-GMT	Position: 135° / 600 m	Direction: West; Behavior: Traveling
		<i>Calf ocean side</i>			
09:52	16:52-GMT	Position: 173° / 356 m	Direction: West; Behavior: Traveling		
<i>Zc swimming alongside</i>					
09:55	16:55-GMT	Position: 235° / 366 m	Direction: West; Behavior: Traveling		
<i>Nursing</i>					
Sighting Number	<b>04</b>	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	Images: 5320-99		
		11:14	18:14-GMT	Position: 105° / 2260 m	Direction: West; Behavior: Traveling
11:17	18:17-GMT	Position: 108° / 2260 m	Direction: West; Behavior: Traveling		

	11:24	18:24-GMT	Position: 114° / 1922 m	Direction: West; Behavior: Traveling
	11:32	18:32-GMT	Position: 116° / 661 m	Direction: West; Behavior: Traveling
				<i>Calf ocean side</i>
	11:39	18:39-GMT	Position: 116° / 412 m	Direction: West; Behavior: Traveling
				<i>Calf shore side</i>
	11:41	18:41-GMT	Position: 127° / 347 m	Direction: West; Behavior: Traveling
	11:41	18:41-GMT	Position: 150° / 338 m	Direction: West; Behavior: Traveling
	11:44	18:44-GMT	Position: 154° / 388 m	Direction: East; Behavior: Traveling
				<i>Meandering</i>
	11:47	18:47-GMT	Position: 136° / 400 m	Direction: East; Behavior: Traveling
	11:50	18:50-GMT	Position: 144° / 600 m	Direction: East; Behavior: Traveling
	12:03	19:03-GMT	Position: 221° / 528 m	Direction: West; Behavior: Traveling
Sighting Number	<b>05</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: none</i>	
	11:49	18:49-GMT	Position: 164° / 1922 m	Direction: West; Behavior: Traveling
	11:53	18:53-GMT	Position: 175° / 1922 m	Direction: West; Behavior: Traveling
				<i>Calf's head</i>
	11:59	18:59-GMT	Position: 184° / 1922 m	Direction: West; Behavior: Traveling
Sighting Number	<b>06</b>	Quality: Good Beaufort: 2	<b>Total 2 — 1 Calf</b> <i>Images: 5401-34</i>	
	12:07	19:07-GMT	Position: 110° / 1922 m	Direction: West; Behavior: Traveling
				<i>Edge of kelp</i>
	12:11	19:11-GMT	Position: 115° / 1674 m	Direction: West; Behavior: Traveling
				<i>Edge of kelp</i>
	12:14	19:14-GMT	Position: 120° / 1331 m	Direction: West; Behavior: Traveling
	12:18	19:18-GMT	Position: 124° / 1020 m	Direction: West; Behavior: Traveling
				<i>Calf inside</i>
	12:21	19:21-GMT	Position: 134° / 735 m	Direction: West; Behavior: Traveling
Sighting Number	<b>07</b>	Quality: Fair Beaufort: 4	<b>Total 2 — 1 Calf</b> <i>Images: 5444-69</i>	
	14:32	21:32-GMT	Position: 114° / 1674 m	Direction: West; Behavior: Traveling
	14:38	21:38-GMT	Position: 121° / 1106 m	Direction: West; Behavior: Traveling
	14:43	21:43-GMT	Position: 121° / 827 m	Direction: West; Behavior: Traveling
	14:49	21:49-GMT	Position: 161° / 778 m	Direction: West; Behavior: Traveling
	14:52	21:52-GMT	Position: 185° / 489 m	Direction: West; Behavior: Traveling
<b>Apr 22</b>	Day 67 of 101		Daily Totals	Gray whale (northbound) 14 Calves 7
Sighting Number	<b>01</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: 5470-5523</i>	
	08:49	15:49-GMT	Position: 125° / 356 m	Direction: West; Behavior: Traveling
				<i>S#1 inside kelp at start. S#2 outside kelp approaching and continued outside - we stopped following S#1 to track S#2 - Chris thought S#2 was 2 pair as they approached - Michael only saw 1 pair (white spot on mom), but only looking through camera - after Holly there were two pairs - Michael went to Sands/Ellwood saw 2 pairs in surf - no whale further towards Ellwood kelp - &gt; were there 3 pairs originally with one pair traveling on while two pairs remained in surf? -&gt; Yes, images show 3 pairs: S#1 1 pair, S#2 2 pairs</i>
				<i>OR</i>
				<i>&gt; were there 2 pairs only at start, separated inside and outside kelp and joined past Holly. Check images - compare first mom to images of outside group and combined.</i>

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

	<b>08:53</b>	15:53-GMT	Position: 171° / 314 m Direction: West; Behavior: Traveling
Sighting Number	<b>02</b>	Quality: Good Beaufort: 0	<b>Total 4 — 2 Calves</b> Images: 5525-5609
	<b>08:51</b>	15:51-GMT	Position: 126° / 661 m Direction: West; Behavior: Traveling <i>Along kelp edge</i>
	<b>08:54</b>	15:54-GMT	Position: 146° / 629 m Direction: West; Behavior: Traveling
	<b>08:57</b>	15:57-GMT	Position: 172° / 600 m Direction: West; Behavior: Traveling
	<b>09:02</b>	16:02-GMT	Position: 216° / 600 m Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>03</b>	Quality: Good Beaufort: 0	<b>Total 2 — 1 Calf</b> Images: none
	<b>09:49</b>	16:49-GMT	Position: 114° / 2260 m Direction: West; Behavior: Traveling
	<b>09:55</b>	16:55-GMT	Position: 121° / 1483 m Direction: West; Behavior: Traveling <i>Snorkeling</i>
	<b>10:03</b>	17:03-GMT	Position: 136° / 735 m Direction: West; Behavior: Traveling
	<b>10:13</b>	17:13-GMT	Position: 232° / 661 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Good Beaufort: 3	<b>Total 2 — 1 Calf</b> Images: 5643-68
	<b>10:52</b>	17:52-GMT	Position: 99° / 3088 m Direction: West; Behavior: Traveling <i>Calf ocean side</i>
	<b>11:02</b>	18:02-GMT	Position: 104° / 2260 m Direction: West; Behavior: Traveling <i>Angled towards Counter Pt</i>
	<b>11:20</b>	18:20-GMT	Position: 128° / 946 m Direction: West; Behavior: Traveling <i>Joined #9</i>
Sighting Number	<b>09</b>	Quality: Good Beaufort: 3	<b>Total 2 — 1 Calf</b> Images: 5643-68
	<b>11:01</b>	18:01-GMT	Position: 102° / 3088 m Direction: West; Behavior: Traveling <i>Angled towards kelp</i>
	<b>11:07</b>	18:07-GMT	Position: 108° / 2749 m Direction: West; Behavior: Traveling
	<b>11:10</b>	18:10-GMT	Position: 111° / 2260 m Direction: West; Behavior: Traveling <i>Kelp edge</i>
	<b>11:16</b>	18:16-GMT	Position: 118° / 1483 m Direction: West; Behavior: Traveling
	<b>11:26</b>	18:26-GMT	Position: 164° / 661 m Direction: West; Behavior: Traveling
	<b>11:29</b>	18:29-GMT	Position: 198° / 600 m Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Fair Beaufort: 4	<b>Total 2 — 1 Calf</b> Images: 5672-82
	<b>12:30</b>	19:30-GMT	Position: 135° / 778 m Direction: West; Behavior: Traveling
	<b>12:32</b>	19:32-GMT	Position: 159° / 661 m Direction: West; Behavior: Traveling
	<b>12:34</b>	19:34-GMT	Position: 173° / 600 m Direction: West; Behavior: Traveling
	<b>12:37</b>	19:37-GMT	Position: 208° / 661 m Direction: West; Behavior: Traveling
<b>Apr 23</b>	Day 68 of 101		Daily Totals Gray whale (northbound) 24 Calves 12
Sighting Number	<b>01</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b> Images: 5645-5700
	<b>08:41</b>	15:41-GMT	Position: 134° / 678 m Direction: West; Behavior: Traveling
	<b>08:47</b>	15:47-GMT	Position: 164° / 600 m Direction: West; Behavior: Traveling <i>Kelp edge</i>

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	<b>02</b>	Quality: Fair	<b>Total 4 — 2 Calves</b>	
		Beaufort: 3	<a href="#">Images: 5702-68</a>	
		<b>08:44</b> 15:44-GMT	Position: 121° / 1208 m Direction: West; Behavior: Traveling	
		<b>08:51</b> 15:51-GMT	Position: 140° / 550 m Direction: West; Behavior: Traveling <i>Meandering - calf head</i>	
	<b>08:57</b> 15:57-GMT	Position: 188° / 528 m Direction: West; Behavior: Traveling		
Sighting Number	<b>07</b>	Quality: Fair	<b>Total 6 — 3 Calves</b>	
		Beaufort: 3	<a href="#">Images: 5770-5998</a>	
		<b>10:43</b> 17:43-GMT	Position: 98° / 3088 m Direction: West; Behavior: Traveling	
		<b>11:04</b> 18:04-GMT	Position: 105° / 2260 m Direction: West; Behavior: Traveling • Rolling	
		<b>11:14</b> 18:14-GMT	Position: 112° / 1922 m Direction: West; Behavior: Traveling <i>Kelp edge</i>	
		<b>11:24</b> 18:24-GMT	Position: 121° / 1208 m Direction: West; Behavior: Traveling	
		<b>11:30</b> 18:30-GMT	Position: 118° / 1106 m Direction: West; Behavior: Traveling • Breach • Rolling	
		<b>11:39</b> 18:39-GMT	Position: 150° / 600 m Direction: West; Behavior: Traveling <i>Lead pair</i>	
		<b>11:45</b> 18:45-GMT	Position: 193° / 574 m Direction: West; Behavior: Traveling <i>Lead pair</i>	
		<b>11:54</b> 18:54-GMT	Position: 204° / 600 m Direction: West; Behavior: Traveling <i>Trailing pairs</i>	
Sighting Number	<b>10</b>	Quality: Good	<b>Total 2 — 1 Calf</b>	
		Beaufort: 3	<a href="#">Images: 6000-12</a>	
		<b>12:00</b> 19:00-GMT	Position: 134° / 1403 m Direction: West; Behavior: Traveling	
		<b>12:05</b> 19:05-GMT	Position: 158° / 1208 m Direction: West; Behavior: Traveling	
	<b>12:10</b> 19:10-GMT	Position: 181° / 946 m Direction: West; Behavior: Traveling <i>Calf ocean side</i>		
Sighting Number	<b>11</b>	Quality: Good	<b>Total 2 — 1 Calf</b>	
		Beaufort: 3	<a href="#">Images: 6014-18</a>	
		<b>12:22</b> 19:22-GMT	Position: 121° / 1922 m Direction: West; Behavior: Traveling	
		<b>12:26</b> 19:26-GMT	Position: 129° / 1403 m Direction: West; Behavior: Traveling	
		<b>12:31</b> 19:31-GMT	Position: 140° / 1106 m Direction: West; Behavior: Traveling	
	<b>12:36</b> 19:36-GMT	Position: 167° / 883 m Direction: West; Behavior: Traveling <i>Calf shore side</i>		
Sighting Number	<b>12</b>	Quality: Good	<b>Total 6 — 3 Calves</b>	
		Beaufort: 3	<a href="#">Images: 6025-6262</a>	
		<b>12:43</b> 19:43-GMT	Position: 106° / 3088 m Direction: West; Behavior: Traveling	
		<b>13:09</b> 20:09-GMT	Position: 114° / 1674 m Direction: West; Behavior: Traveling	
		<b>13:12</b> 20:12-GMT	Position: 118° / 1674 m Direction: West; Behavior: Traveling	
		<b>13:17</b> 20:17-GMT	Position: 117° / 1106 m Direction: West; Behavior: Traveling	
		<b>13:20</b> 20:20-GMT	Position: 119° / 827 m Direction: West; Behavior: Traveling • Fluke <i>Calf's head with kelp</i>	
		<b>13:24</b> 20:24-GMT	Position: 123° / 629 m Direction: West; Behavior: Traveling	
		<b>13:30</b> 20:30-GMT	Position: 136° / 600 m Direction: West; Behavior: Traveling	
		<b>13:42</b> 20:42-GMT	Position: 222° / 508 m Direction: West; Behavior: Traveling	



## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

Sighting Number	13	Quality: Poor	<b>Total 2 — 1 Calf</b>
		Beaufort: 4	Images: <a href="#">6264-75</a>
		13:31 20:31-GMT	Position: 124° / 1331 m Direction: West; Behavior: Traveling
		13:58 20:58-GMT	Position: 179° / 600 m Direction: West; Behavior: Traveling
14:05 21:05-GMT	Position: 204° / 600 m Direction: West; Behavior: Traveling		
<b>Apr 24</b>		Day 69 of 101	Daily Totals Gray whale (northbound) 22 Calves 11
Sighting Number	01	Quality: Fair	<b>Total 6 — 3 Calves</b>
		Beaufort: 2	Images: <a href="#">6277-6567</a>
		09:03 16:03-GMT	Position: 118° / 1208 m Direction: West; Behavior: Traveling <i>Calf shore side</i>
		09:06 16:06-GMT	Position: 120° / 827 m Direction: West; Behavior: Traveling <i>1 pair - meandering</i>
		09:13 16:13-GMT	Position: 112° / 550 m Direction: West; Behavior: Traveling • Rolling • Sharking <i>Meandering + nursing</i>
		09:24 16:24-GMT	Position: 164° / 550 m Direction: West; Behavior: Traveling <i>1 pair</i>
		09:34 16:34-GMT	Position: 258° / 600 m Direction: West; Behavior: Traveling <i>1 pair</i>
		09:40 16:40-GMT	Position: 162° / 489 m Direction: West; Behavior: Traveling • Rolling <i>2 pairs - lots of socializing</i>
		10:05 17:05-GMT	Position: 219° / 455 m Direction: West; Behavior: Traveling <i>Calf head - slow travel</i>
		10:30 17:30-GMT	Position: 246° / 550 m Direction: West; Behavior: Traveling • Bubbles Blast • Rolling <i>Nursing</i>
Sighting Number	04	Quality: Fair	<b>Total 6 — 3 Calves</b>
		Beaufort: 3	Images: <a href="#">6569-6657</a>
		12:24 19:24-GMT	Position: 101° / 3088 m Direction: West; Behavior: Traveling • Sharking • Rolling •
		12:44 19:44-GMT	Position: 116° / 1922 m Direction: West; Behavior: Traveling
		12:58 19:58-GMT	Position: 122° / 946 m Direction: West; Behavior: Traveling • Fluke
		13:04 20:04-GMT	Position: 150° / 412 m Direction: West; Behavior: Traveling
13:09 20:09-GMT	Position: 192° / 440 m Direction: West; Behavior: Traveling		
Sighting Number	05	Quality: Fair	<b>Total 2 — 1 Calf</b>
		Beaufort: 3	Images: <a href="#">6659-79</a>
		12:54 19:54-GMT	Position: 106° / 3088 m Direction: West; Behavior: Traveling
		13:03 20:03-GMT	Position: 112° / 1483 m Direction: West; Behavior: Traveling
		13:12 20:12-GMT	Position: 130° / 913 m Direction: West; Behavior: Traveling
		13:14 20:14-GMT	Position: 150° / 600 m Direction: West; Behavior: Traveling
13:17 20:17-GMT	Position: 187° / 508 m Direction: West; Behavior: Traveling		
Sighting Number	06	Quality: Fair	<b>Total 2 — 1 Calf</b>
		Beaufort: 3	Images: <a href="#">6704-6801</a>
		13:21 20:21-GMT	Position: 105° / 2260 m Direction: West; Behavior: Traveling
		13:31 20:31-GMT	Position: 109° / 2260 m Direction: West; Behavior: Traveling
		13:42 20:42-GMT	Position: 120° / 1331 m Direction: West; Behavior: Traveling
		13:47 20:47-GMT	Position: 123° / 1020 m Direction: West; Behavior: Traveling
13:55 20:55-GMT	Position: 119° / 1208 m Direction: West; Behavior: Traveling		

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

	14:02	21:02-GMT	Position: 135° / 489 m	Direction: West; Behavior: Traveling
	14:08	21:08-GMT	Position: 151° / 574 m	Direction: West; Behavior: Traveling
Sighting Number	07	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b> <i>Images: 6681-6702</i>	
	13:28	20:28-GMT	Position: 122° / 1106 m	Direction: West; Behavior: Traveling <i>Calf inside</i>
	13:34	20:34-GMT	Position: 167° / 600 m	Direction: West; Behavior: Traveling
	13:41	20:41-GMT	Position: 249° / 778 m	Direction: West; Behavior: Traveling
Sighting Number	08	Quality: Fair Beaufort: 4	<b>Total 2 — 1 Calf</b> <i>Images: none</i>	
	13:47	20:47-GMT	Position: 102° / 3088 m	Direction: West; Behavior: Traveling • Rolling <i>Sighting #8 &amp; #9 were together and then split up at 93 degrees and .5 rct</i>
	14:07	21:07-GMT	Position: 107° / 1922 m	Direction: West; Behavior: Traveling
	14:16	21:16-GMT	Position: 115° / 1483 m	Direction: West; Behavior: Traveling
	14:18	21:18-GMT	Position: 118° / 1483 m	Direction: West; Behavior: Traveling
	14:24	21:24-GMT	Position: 124° / 778 m	Direction: West; Behavior: Traveling
Sighting Number	09	Quality: Fair Beaufort: 4	<b>Total 2 — 1 Calf</b> <i>Images: none</i>	
	14:18	21:18-GMT	Position: 105° / 1922 m	Direction: West; Behavior: Traveling
	14:23	21:23-GMT	Position: 108° / 1922 m	Direction: West; Behavior: Traveling
	14:24	21:24-GMT	Position: 113° / 1674 m	Direction: West; Behavior: Traveling
<b>Apr 25</b>	Day 70 of 101		Daily Totals	Gray whale (northbound) 6 Calves 3
Sighting Number	01	Quality: Poor Beaufort: 4	<b>Total 2 — 1 Calf</b> <i>Images: 6803-28</i>	
	08:47	15:47-GMT	Position: 135° / 1106 m	Direction: West; Behavior: Traveling
	08:50	15:50-GMT	Position: 185° / 1106 m	Direction: West; Behavior: Traveling
Sighting Number	02	Quality: Poor Beaufort: 4	<b>Total 4 — 2 Calves</b> <i>Images: 6803-28</i>	
	08:59	15:59-GMT	Position: 111° / 1922 m	Direction: West; Behavior: Traveling
	09:07	16:07-GMT	Position: 118° / 1331 m	Direction: West; Behavior: Traveling
	09:11	16:11-GMT	Position: 116° / 946 m	Direction: West; Behavior: Traveling
	09:17	16:17-GMT	Position: 135° / 528 m	Direction: West; Behavior: Traveling
	09:21	16:21-GMT	Position: 168° / 600 m	Direction: West; Behavior: Traveling
	09:27	16:27-GMT	Position: 233° / 629 m	Direction: West; Behavior: Traveling
<b>Apr 26</b>	Day 71 of 101		Daily Totals	Gray whale (northbound) 24 Calves 12
Sighting Number	01	Quality: Fair Beaufort: 1	<b>Total 4 — 2 Calves</b> <i>Images: none</i>	
	08:44	15:44-GMT	Position: 295° / 827 m	Direction: West; Behavior: Traveling
Sighting Number	05	Quality: Fair Beaufort: 1	<b>Total 4 — 2 Calves</b> <i>Images: 6846-6911</i>	
	10:01	17:01-GMT	Position: 98° / 3088 m	Direction: West; Behavior: Traveling
	10:22	17:22-GMT	Position: 108° / 1922 m	Direction: West; Behavior: Traveling • Rolling • Spypop <i>Playing in kelp pool. Spypop 3x</i>
	10:49	17:49-GMT	Position: 119° / 946 m	Direction: West; Behavior: Traveling

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

	10:52	17:52-GMT	Position: 123° / 528 m	Direction: West; Behavior: Traveling
				<i>Nursing</i>
	11:03	18:03-GMT	Position: 235° / 440 m	Direction: West; Behavior: Traveling
Sighting Number	<b>06</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 1 Calf</b> <i>Images: 6913-6</i>	
	12:56	19:56-GMT	Position: 151° / 550 m	Direction: West; Behavior: Traveling
	13:01	20:01-GMT	Position: 210° / 550 m	Direction: North; Behavior: Traveling
				<i>Turned toward us</i>
	13:07	20:07-GMT	Position: 269° / 550 m	Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 1 Calf</b> <i>Images: 6918-33</i>	
	13:22	20:22-GMT	Position: 130° / 778 m	Direction: West; Behavior: Traveling
	13:30	20:30-GMT	Position: 152° / 661 m	Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Fair Beaufort: 2	<b>Total 4 — 2 Calves</b> <i>Images: 6935-7076</i>	
	13:33	20:33-GMT	Position: 123° / 600 m	Direction: West; Behavior: Traveling
	13:35	20:35-GMT	Position: 129° / 600 m	Direction: West; Behavior: Traveling
				<i>Along kelp</i>
	13:38	20:38-GMT	Position: 148° / 508 m	Direction: West; Behavior: Traveling
				<i>All 4 up</i>
	13:41	20:41-GMT	Position: 175° / 550 m	Direction: West; Behavior: Traveling
	13:51	20:51-GMT	Position: 244° / 377 m	Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Fair Beaufort: 2	<b>Total 2 — 1 Calf</b> <i>Images: 7078-7131</i>	
	14:26	21:26-GMT	Position: 132° / 600 m	Direction: West; Behavior: Traveling
				<i>Sightings 11, 12, 13 were all seen together;</i>
				<i>First appeared in front of counter pt.</i>
	14:28	21:28-GMT	Position: 146° / 489 m	Direction: West; Behavior: Traveling
	14:37	21:37-GMT	Position: 241° / 574 m	Direction: West; Behavior: Traveling
Sighting Number	<b>12</b>	Quality: Fair Beaufort: 2	<b>Total 2 — 1 Calf</b> <i>Images: 7078-7131</i>	
	14:27	21:27-GMT	Position: 130° / 330 m	Direction: West; Behavior: Traveling
				<i>Seen with sighting #11 + #13</i>
	14:29	21:29-GMT	Position: 165° / 366 m	Direction: West; Behavior: Traveling
	14:34	21:34-GMT	Position: 274° / 366 m	Direction: West; Behavior: Traveling
Sighting Number	<b>13</b>	Quality: Fair Beaufort: 2	<b>Total 2 — 1 Calf</b> <i>Images: 7078-7131</i>	
	14:30	21:30-GMT	Position: 214° / 550 m	Direction: West; Behavior: Traveling
				<i>Seen with sighting #11 + #12</i>
	14:33	21:33-GMT	Position: 249° / 600 m	Direction: West; Behavior: Traveling
Sighting Number	<b>15</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b> <i>Images: 7134-48</i>	
	15:55	22:55-GMT	Position: 129° / 1331 m	Direction: West; Behavior: Traveling
	15:59	22:59-GMT	Position: 149° / 946 m	Direction: West; Behavior: Traveling
	16:02	23:02-GMT	Position: 166° / 778 m	Direction: West; Behavior: Traveling
				<i>Calf ocean side</i>

Sighting Number	01	Quality: Fair	<b>Total 6 — 3 Calves</b>		
		Beaufort: 3	Images: 7165-7262		
		08:46	15:46-GMT	Position: 123° / 661 m	Direction: West; Behavior: Traveling
		<i>2 + 1</i>			
		<i>Slightly spread apart</i>			
		08:48	15:48-GMT	Position: 117° / 883 m	Direction: West; Behavior: Traveling • Fluke
		08:51	15:51-GMT	Position: 144° / 600 m	Direction: West; Behavior: Traveling
		<i>Nursing</i>			
		08:51	15:51-GMT	Position: 129° / 629 m	Direction: West; Behavior: Traveling
		08:57	15:57-GMT	Position: 167° / 600 m	Direction: West; Behavior: Traveling
08:58	15:58-GMT	Position: 165° / 550 m	Direction: West; Behavior: Traveling		
09:01	16:01-GMT	Position: 184° / 489 m	Direction: West; Behavior: Traveling		
09:02	16:02-GMT	Position: 214° / 508 m	Direction: West; Behavior: Traveling		
09:03	16:03-GMT	Position: 195° / 489 m	Direction: West; Behavior: Traveling		
Sighting Number	02	Quality: Fair	<b>Total 4 — 2 Calves</b>		
		Beaufort: 3	Images: 7264-95		
		09:22	16:22-GMT	Position: 109° / 1922 m	Direction: West; Behavior: Traveling
		09:29	16:29-GMT	Position: 114° / 1483 m	Direction: West; Behavior: Traveling
		09:37	16:37-GMT	Position: 117° / 1331 m	Direction: West; Behavior: Traveling
09:44	16:44-GMT	Position: 154° / 528 m	Direction: West; Behavior: Traveling		
<i>Kelp edge</i>					
<b>Apr 29</b>	Day 74 of 101	Daily Totals	Gray whale (northbound) 5	Calves 2	
Sighting Number	08	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	Images: 7315-35		
		12:52	19:52-GMT	Position: 125° / 1922 m	Direction: West; Behavior: Traveling
		12:56	19:56-GMT	Position: 135° / 1483 m	Direction: West; Behavior: Traveling
		13:00	20:00-GMT	Position: 154° / 913 m	Direction: West; Behavior: Traveling
<i>Calf shore side</i>					
13:03	20:03-GMT	Position: 182° / 661 m	Direction: West; Behavior: Traveling		
Sighting Number	10	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	Images: 7337-62		
		13:58	20:58-GMT	Position: 100° / 3088 m	Direction: West; Behavior: Traveling
		14:15	21:15-GMT	Position: 102° / 2749 m	Direction: West; Behavior: Traveling
		14:34	21:34-GMT	Position: 119° / 1483 m	Direction: West; Behavior: Traveling
<i>Calf's head</i>					
14:46	21:46-GMT	Position: 155° / 600 m	Direction: West; Behavior: Traveling		
<i>Just outside kelp edge</i>					
14:53	21:53-GMT	Position: 203° / 600 m	Direction: West; Behavior: Traveling		
Sighting Number	12	Quality: Fair	<b>Total 1 — 0 Calves</b>		
		Beaufort: 3	Images: none		
		16:44	23:44-GMT	Position: 126° / 600 m	Direction: West; Behavior: Traveling
17:00	0:00;	Position: 143° / 2260 m	Direction: West; Behavior: Traveling • Fluke		
<b>Apr 30</b>	Day 75 of 101	Daily Totals	Gray whale (northbound) 4	Calves 2	

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

Sighting Number	03	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 1	Images: 7411-40		
		10:32	17:32-GMT	Position: 99° / 3088 m	Direction: West; Behavior: Traveling
		10:43	17:43-GMT	Position: 107° / 2260 m	Direction: West; Behavior: Traveling
		11:01	18:01-GMT	Position: 141° / 678 m	Direction: West; Behavior: Traveling
		<i>Calf shore side</i>			
		11:03	18:03-GMT	Position: 164° / 661 m	Direction: West; Behavior: Traveling
11:06	18:06-GMT	Position: 182° / 550 m	Direction: West; Behavior: Traveling		
Sighting Number	06	Quality: Poor	<b>Total 2 — 1 Calf</b>		
		Beaufort: 4	Images: 7450-3		
		13:15	20:15-GMT	Position: 159° / 678 m	Direction: West; Behavior: Traveling
		13:18	20:18-GMT	Position: 178° / 600 m	Direction: West; Behavior: Traveling
<i>Calf shore side</i>					
13:22	20:22-GMT	Position: 214° / 539 m	Direction: West; Behavior: Traveling		
<b>May 01</b>		Day 76 of 101	Daily Totals	Gray whale (northbound) 26	Calves 13
Sighting Number	01	Quality: Poor	<b>Total 2 — 1 Calf</b>		
		Beaufort: 2	Images: 7456-91		
		09:06	16:06-GMT	Position: 111° / 2749 m	Direction: West; Behavior: Traveling
		09:10	16:10-GMT	Position: 114° / 1922 m	Direction: West; Behavior: Traveling • Fluke
		09:22	16:22-GMT	Position: 131° / 1106 m	Direction: West; Behavior: Traveling • Fluke
		<i>Calf shore side</i>			
		09:26	16:26-GMT	Position: 150° / 827 m	Direction: West; Behavior: Traveling
09:30	16:30-GMT	Position: 177° / 735 m	Direction: West; Behavior: Traveling • Fluke		
Sighting Number	03	Quality: Poor	<b>Total 2 — 1 Calf</b>		
		Beaufort: 3	Images: 7500-45		
		10:36	17:36-GMT	Position: 101° / 3088 m	Direction: West; Behavior: Traveling
		10:48	17:48-GMT	Position: 104° / 2260 m	Direction: West; Behavior: Traveling
		<i>Angling inside kelp</i>			
		10:54	17:54-GMT	Position: 109° / 1922 m	Direction: West; Behavior: Traveling
		<i>Traveling outside kelp edge</i>			
		11:03	18:03-GMT	Position: 121° / 1331 m	Direction: West; Behavior: Traveling
		<i>Calf shore side</i>			
11:12	18:12-GMT	Position: 161° / 574 m	Direction: West; Behavior: Traveling		
<i>Calf ocean side, kelp edge</i>					
11:14	18:14-GMT	Position: 179° / 600 m	Direction: West; Behavior: Traveling		
11:17	18:17-GMT	Position: 207° / 471 m	Direction: West; Behavior: Traveling		
Sighting Number	05	Quality: Poor	<b>Total 4 — 2 Calves</b>		
		Beaufort: 3	Images: 7548-7736		
		12:16	19:16-GMT	Position: 105° / 3088 m	Direction: West; Behavior: Traveling
		12:24	19:24-GMT	Position: 107° / 2749 m	Direction: West; Behavior: Traveling
		12:34	19:34-GMT	Position: 116° / 1674 m	Direction: West; Behavior: Traveling
12:40	19:40-GMT	Position: 122° / 946 m	Direction: West; Behavior: Traveling		
Sighting Number	06	Quality: Poor	<b>Total 6 — 3 Calves</b>		
		Beaufort: 3	Images: 7548-7736		
12:29	19:29-GMT	Position: 103° / 3088 m	Direction: West; Behavior: Traveling		

	12:34	19:34-GMT	Position: 109° / 2260 m Direction: West; Behavior: Traveling
Sighting Number	<b>07</b>	Quality: Poor Beaufort: 3	<b>Total 4 — 2 Calves</b> <i>Images: 7767-7840</i>
	13:32	20:32-GMT	Position: 105° / 2749 m Direction: West; Behavior: Traveling
	13:41	20:41-GMT	Position: 99° / 2260 m Direction: West; Behavior: Traveling
	13:49	20:49-GMT	Position: 103° / 1922 m Direction: West; Behavior: Traveling <i>Edge of kelp</i>
	14:05	21:05-GMT	Position: 107° / 1922 m Direction: West; Behavior: Traveling <i>Halted progress</i>
	14:22	21:22-GMT	Position: 114° / 1922 m Direction: West; Behavior: Traveling • Rolling <i>Meandering around kelp pool</i>
	14:37	21:37-GMT	Position: 118° / 1403 m Direction: West; Behavior: Traveling • Bubbles Blast <i>Moving along kelp edge</i>
	14:47	21:47-GMT	Position: 124° / 778 m Direction: West; Behavior: Traveling <i>Calf inside</i>
	14:56	21:56-GMT	Position: 154° / 550 m Direction: West; Behavior: Traveling <i>Calf outside</i>
	15:04	22:04-GMT	Position: 190° / 539 m Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Poor Beaufort: 3	<b>Total 2 — 1 Calf</b> <i>Images: 7842-54</i>
	14:50	21:50-GMT	Position: 102° / 2749 m Direction: West; Behavior: Traveling
	15:12	22:12-GMT	Position: 109° / 1922 m Direction: West; Behavior: Traveling <i>Kelp edge</i>
	15:23	22:23-GMT	Position: 120° / 1483 m Direction: West; Behavior: Traveling
	15:32	22:32-GMT	Position: 157° / 600 m Direction: West; Behavior: Traveling
	15:35	22:35-GMT	Position: 189° / 539 m Direction: West; Behavior: Traveling <i>Calf inside</i>
Sighting Number	<b>10</b>	Quality: Poor Beaufort: 3	<b>Total 4 — 2 Calves</b> <i>Images: 7856-8019</i>
	15:55	22:55-GMT	Position: 114° / 1483 m Direction: West; Behavior: Traveling <i>Along kelp edge</i>
	16:07	23:07-GMT	Position: 120° / 1106 m Direction: West; Behavior: Traveling
	16:16	23:16-GMT	Position: 128° / 471 m Direction: West; Behavior: Traveling • Sharking <i>Draped with kelp</i>
	16:24	23:24-GMT	Position: 147° / 489 m Direction: Circling; Behavior: Traveling • Rolling • Sharking <i>Nursing behavior</i>
	16:40	23:40-GMT	Position: 181° / 550 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Poor Beaufort: 3	<b>Total 2 — 1 Calf</b> <i>Images: 8021-41</i>
	16:45	23:45-GMT	Position: 126° / 1403 m Direction: West; Behavior: Traveling
	16:56	23:56-GMT	Position: 167° / 696 m Direction: West; Behavior: Traveling <i>Calf shore side</i>
<b>May 02</b>	Day 77 of 101		Daily Totals Gray whale (northbound) 24 Calves 12
Sighting Number	<b>01</b>	Quality: Poor Beaufort: 1	<b>Total 6 — 3 Calves</b> <i>Images: 8043-8175</i>
	09:03	16:03-GMT	Position: 117° / 528 m Direction: West; Behavior: Traveling

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

	09:14	16:14-GMT	Position: 184° / 600 m	Direction: West; Behavior: Traveling
	09:17	16:17-GMT	Position: 220° / 471 m	Direction: West; Behavior: Traveling
Sighting Number	<b>02</b>	Quality: Poor Beaufort: 1	<b>Total 4 — 2 Calves</b> <a href="#">Images: 8175-8388 includes video</a>	
	09:28	16:28-GMT	Position: 106° / 2260 m	Direction: West; Behavior: Traveling
	09:55	16:55-GMT	Position: 126° / 778 m	Direction: West; Behavior: Traveling
	10:04	17:04-GMT	Position: 180° / 471 m	Direction: West; Behavior: Traveling
	10:08	17:08-GMT	Position: 199° / 508 m	Direction: West; Behavior: Traveling <a href="#">Seen w/ #4</a>
Sighting Number	<b>04</b>	Quality: Poor Beaufort: 1	<b>Total 2 — 1 Calf</b> <a href="#">Images: 8175-8388 includes video</a>	
	09:40	16:40-GMT	Position: 102° / 2749 m	Direction: West; Behavior: Traveling
	09:58	16:58-GMT	Position: 123° / 946 m	Direction: West; Behavior: Traveling
	10:08	17:08-GMT	Position: 199° / 508 m	Direction: West; Behavior: Traveling <a href="#">Joined w/ #2</a>
Sighting Number	<b>05</b>	Quality: Poor Beaufort: 1	<b>Total 2 — 1 Calf</b> <a href="#">Images: 8390-8406</a>	
	10:36	17:36-GMT	Position: 172° / 696 m	Direction: West; Behavior: Traveling
	10:42	17:42-GMT	Position: 232° / 600 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>07</b>	Quality: Fair Beaufort: 4	<b>Total 8 — 4 Calves</b> <a href="#">Images: 8440-8599</a>	
	14:50	21:50-GMT	Position: 101° / 3088 m	Direction: West; Behavior: Traveling • Rolling
	15:14	22:14-GMT	Position: 105° / 3088 m	Direction: West; Behavior: Traveling
	15:42	22:42-GMT	Position: 152° / 600 m	Direction: West; Behavior: Traveling
	15:54	22:54-GMT	Position: 193° / 508 m	Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Fair Beaufort: 4	<b>Total 2 — 1 Calf</b> <a href="#">Images: 8601-26</a>	
	16:00	23:00-GMT	Position: 124° / 1106 m	Direction: West; Behavior: Traveling
	16:09	23:09-GMT	Position: 151° / 600 m	Direction: West; Behavior: Traveling <a href="#">Calf inside</a>
	16:15	23:15-GMT	Position: 185° / 489 m	Direction: West; Behavior: Traveling
<b>May 03</b>	Day 78 of 101		Daily Totals	Gray whale (northbound) 8 Calves 4
Sighting Number	<b>01</b>	Quality: Poor Beaufort: 1	<b>Total 2 — 1 Calf</b> <a href="#">Images: 8628-69</a>	
	09:31	16:31-GMT	Position: 113° / 735 m	Direction: West; Behavior: Traveling
	09:39	16:39-GMT	Position: 120° / 1106 m	Direction: West; Behavior: Traveling <a href="#">Calf shore side</a>
	09:45	16:45-GMT	Position: 154° / 539 m	Direction: West; Behavior: Traveling <a href="#">Calf ocean side - flank</a>
	09:50	16:50-GMT	Position: 202° / 528 m	Direction: West; Behavior: Traveling
Sighting Number	<b>03</b>	Quality: Poor Beaufort: 3	<b>Total 4 — 2 Calves</b> <a href="#">Images: 8591-8748</a>	
	15:16	22:16-GMT	Position: 98° / 3088 m	Direction: West; Behavior: Traveling
	15:41	22:41-GMT	Position: 112° / 1674 m	Direction: West; Behavior: Traveling • Bubbles Blast • Rolling <a href="#">Kelp pool</a>

	<b>16:07</b>	23:07-GMT	Position: 142° / 600 m	Direction: West; Behavior: Traveling • Rolling
				<i>Following kelp edge</i>
	<b>16:13</b>	23:13-GMT	Position: 185° / 528 m	Direction: West; Behavior: Traveling
Sighting Number	<b>05</b>	Quality: Poor Beaufort: 3	<b>Total 2 — 1 Calf</b> <i>Images: 8757-69</i>	
	<b>16:23</b>	23:23-GMT	Position: 105° / 2749 m	Direction: West; Behavior: Traveling
	<b>16:35</b>	23:35-GMT	Position: 109° / 1674 m	Direction: West; Behavior: Traveling
	<b>16:42</b>	23:42-GMT	Position: 120° / 1483 m	Direction: West; Behavior: Traveling
	<b>16:48</b>	23:48-GMT	Position: 144° / 735 m	Direction: West; Behavior: Traveling
	<b>16:51</b>	23:51-GMT	Position: 170° / 600 m	Direction: West; Behavior: Traveling
<b>May 04</b>	Day 79 of 101		Daily Totals	Gray whale (northbound) 8 Calves 4
Sighting Number	<b>02</b>	Quality: Fair Beaufort: 0	<b>Total 4 — 2 Calves</b> <i>Images: 8804-32</i>	
	<b>11:29</b>	18:29-GMT	Position: 102° / 3088 m	Direction: West; Behavior: Traveling
	<b>11:52</b>	18:52-GMT	Position: 132° / 946 m	Direction: West; Behavior: Traveling
				<i>Calf on shore side</i>
	<b>11:59</b>	18:59-GMT	Position: 189° / 528 m	Direction: West; Behavior: Traveling
Sighting Number	<b>03</b>	Quality: Fair Beaufort: 0	<b>Total 4 — 2 Calves</b> <i>Images: 8834-86</i>	
	<b>12:14</b>	19:14-GMT	Position: 99° / 3088 m	Direction: West; Behavior: Traveling • Fluke
				<i>Playful</i>
	<b>12:33</b>	19:33-GMT	Position: 113° / 2260 m	Direction: West; Behavior: Traveling • Fluke
				<i>Lots of fluking</i>
	<b>12:45</b>	19:45-GMT	Position: 137° / 600 m	Direction: West; Behavior: Traveling • Fluke
	<b>12:51</b>	19:51-GMT	Position: 196° / 489 m	Direction: West; Behavior: Traveling • Fluke
<b>May 05</b>	Day 80 of 101		Daily Totals	Gray whale (northbound) 14 Calves 7
Sighting Number	<b>01</b>	Quality: Fair Beaufort: 0	<b>Total 4 — 2 Calves</b> <i>Images: 8894-8969</i>	
	<b>09:07</b>	16:07-GMT	Position: 105° / 2260 m	Direction: West; Behavior: Traveling
	<b>09:32</b>	16:32-GMT	Position: 142° / 600 m	Direction: West; Behavior: Traveling
	<b>09:36</b>	16:36-GMT	Position: 174° / 508 m	Direction: West; Behavior: Traveling
	<b>09:40</b>	16:40-GMT	Position: 209° / 508 m	Direction: West; Behavior: Traveling
	<b>09:45</b>	16:45-GMT	Position: 225° / 314 m	Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Good Beaufort: 1	<b>Total 2 — 1 Calf</b> <i>Images: 8985-9021</i>	
	<b>14:44</b>	21:44-GMT	Position: 141° / 629 m	Direction: West; Behavior: Traveling
	<b>14:52</b>	21:52-GMT	Position: 219° / 489 m	Direction: West; Behavior: Traveling
				<i>Nursing</i>
Sighting Number	<b>10</b>	Quality: Good Beaufort: 1	<b>Total 2 — 1 Calf</b> <i>Images: 9037-44</i>	
	<b>16:16</b>	23:16-GMT	Position: 123° / 827 m	Direction: West; Behavior: Traveling
	<b>16:28</b>	23:28-GMT	Position: 224° / 600 m	Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Good Beaufort: 1	<b>Total 6 — 3 Calves</b> <i>Images: 9054-9111</i>	
	<b>16:47</b>	23:47-GMT	Position: 109° / 2260 m	Direction: West; Behavior: Traveling • Rolling
				<i>Along kelp edge</i>



## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

	16:58	23:58-GMT	Position: 125° / 1331 m Direction: West; Behavior: Traveling
	17:08	0:08;	Position: 172° / 574 m Direction: West; Behavior: Traveling • Fluke
<b>May 06</b>	Day 81 of 101		Daily Totals Gray whale (northbound) 28 Calves 14
Sighting Number	<b>01</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 1 Calf</b> <i>Images: 9121-56 includes video</i>
	08:52	15:52-GMT	Position: 179° / 574 m Direction: West; Behavior: Traveling • Bubbles Blast <i>Meandering then nursing</i>
	08:57	15:57-GMT	Position: 188° / 550 m Direction: West; Behavior: Traveling <i>Calf shore side + behind</i>
	09:01	16:01-GMT	Position: 218° / 574 m Direction: West; Behavior: Traveling
Sighting Number	<b>06</b>	Quality: Good Beaufort: 3	<b>Total 6 — 3 Calves</b> <i>Images: 9175-9206</i>
	12:15	19:15-GMT	Position: 103° / 2749 m Direction: West; Behavior: Traveling
	12:26	19:26-GMT	Position: 114° / 1922 m Direction: West; Behavior: Traveling
	12:34	19:34-GMT	Position: 119° / 1208 m Direction: West; Behavior: Traveling
	12:43	19:43-GMT	Position: 141° / 574 m Direction: West; Behavior: Traveling
	12:49	19:49-GMT	Position: 194° / 574 m Direction: West; Behavior: Traveling
Sighting Number	<b>07</b>	Quality: Good Beaufort: 3	<b>Total 6 — 3 Calves</b> <i>Images: 9208-89 includes video</i>
	13:00	20:00-GMT	Position: 108° / 2260 m Direction: West; Behavior: Traveling <i>Injured fluke - possible entanglement. 2 separated groups.</i>
	13:12	20:12-GMT	Position: 117° / 1483 m Direction: West; Behavior: Traveling • Fluke <i>Both pairs together</i>
	13:25	20:25-GMT	Position: 150° / 574 m Direction: West; Behavior: Traveling <i>Skimming tale on water surface, possibly hurt tale, informed Dave B - entanglement response</i>
	13:32	20:32-GMT	Position: 226° / 489 m Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b> <i>Images: none</i>
	14:09	21:09-GMT	Position: 113° / 1483 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Fair Beaufort: 2	<b>Total 6 — 3 Calves</b> <i>Images: 9300-27 includes video</i>
	15:24	22:24-GMT	Position: 99° / 3088 m Direction: West; Behavior: Traveling • Breach
	15:42	22:42-GMT	Position: 111° / 1922 m Direction: West; Behavior: Traveling • Fluke
	15:59	22:59-GMT	Position: 150° / 600 m Direction: West; Behavior: Traveling • Fluke
	16:05	23:05-GMT	Position: 190° / 489 m Direction: West; Behavior: Traveling
Sighting Number	<b>12</b>	Quality: Fair Beaufort: 2	<b>Total 6 — 3 Calves</b> <i>Images: 9339-68 includes video</i>
	16:58	23:58-GMT	Position: 100° / 3088 m Direction: West; Behavior: Traveling
	17:11	0:11;	Position: 106° / 2749 m Direction: West; Behavior: Traveling • Fluke <i>4 + 2</i>

<b>May 07</b>	Day 82 of 101		Daily Totals Gray whale (northbound) 32 Calves 16
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Sighting Number	<b>01</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 1 Calf</b> <i>Images: 9371-9 includes video</i>
	08:55	15:55-GMT	Position: 127° / 528 m Direction: West; Behavior: Traveling <i>Meandering</i>

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

	09:00	16:00-GMT	Position: 161° / 600 m Direction: West; Behavior: Traveling
	09:06	16:06-GMT	Position: 220° / 471 m Direction: West; Behavior: Traveling
Sighting Number	<b>03</b>	Quality: Fair Beaufort: 0	<b>Total 2 — 1 Calf</b> <a href="#">Images: 9387-9411</a>
	11:02	18:02-GMT	Position: 101° / 3088 m Direction: West; Behavior: Traveling
	11:27	18:27-GMT	Position: 122° / 1106 m Direction: West; Behavior: Traveling • Fluke
	11:35	18:35-GMT	Position: 157° / 574 m Direction: West; Behavior: Traveling
	11:40	18:40-GMT	Position: 223° / 528 m Direction: West; Behavior: Traveling
Sighting Number	<b>05</b>	Quality: Good Beaufort: 1	<b>Total 2 — 1 Calf</b> <a href="#">Images: 9427-46</a>
	11:58	18:58-GMT	Position: 133° / 735 m Direction: West; Behavior: Traveling
	12:01	19:01-GMT	Position: 154° / 696 m Direction: West; Behavior: Traveling
	12:03	19:03-GMT	Position: 176° / 661 m Direction: West; Behavior: Traveling
Sighting Number	<b>06</b>	Quality: Good Beaufort: 1	<b>Total 2 — 1 Calf</b> <a href="#">Images: 9448-62 includes video</a>
	12:18	19:18-GMT	Position: 100° / 2749 m Direction: West; Behavior: Traveling
	12:38	19:38-GMT	Position: 129° / 735 m Direction: West; Behavior: Traveling <i>Calf shore side</i>
	12:44	19:44-GMT	Position: 167° / 330 m Direction: West; Behavior: Traveling <i>Inside kelp</i>
Sighting Number	<b>07</b>	Quality: Good Beaufort: 1	<b>Total 2 — 1 Calf</b> <a href="#">Images: 9465-85</a>
	13:12	20:12-GMT	Position: 101° / 1922 m Direction: West; Behavior: Traveling
	13:27	20:27-GMT	Position: 115° / 1483 m Direction: West; Behavior: Traveling <i>Along kelp</i>
	13:36	20:36-GMT	Position: 128° / 778 m Direction: West; Behavior: Traveling <i>Calf shore side + behind</i>
	13:39	20:39-GMT	Position: 139° / 550 m Direction: East; Behavior: Traveling <i>Meandering - nursing?</i>
	13:44	20:44-GMT	Position: 169° / 629 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Good Beaufort: 1	<b>Total 2 — 1 Calf</b> <a href="#">Images: 9488-9534</a>
	13:46	20:46-GMT	Position: 106° / 3088 m Direction: West; Behavior: Traveling
	13:53	20:53-GMT	Position: 111° / 2749 m Direction: West; Behavior: Traveling • Fluke
	14:04	21:04-GMT	Position: 121° / 1483 m Direction: West; Behavior: Traveling <i>Calf shore side</i>
	14:12	21:12-GMT	Position: 155° / 678 m Direction: West; Behavior: Traveling
Sighting Number	<b>11</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b> <a href="#">Images: 9541-50</a>
	15:16	22:16-GMT	Position: 141° / 778 m Direction: West; Behavior: Traveling
	15:17	22:17-GMT	Position: 149° / 661 m Direction: West; Behavior: Traveling
	15:19	22:19-GMT	Position: 166° / 600 m Direction: West; Behavior: Traveling
	15:25	22:25-GMT	Position: 229° / 539 m Direction: West; Behavior: Traveling

Sighting Number	<b>12</b>	Quality: Fair	<b>Total 12 — 6 Calves</b>		
		Beaufort: 3	Images: 9552-9640		
		15:59	22:59-GMT	Position: 102° / 3088 m	Direction: West; Behavior: Traveling
		<i>*2 pair - Image 9569</i>			
		<i>1 pair - mom w/ white dorsal spot</i>			
		<i>2 pair - with #13 Tt</i>			
		<i>1 pair - with kayak trailing</i>			
		16:13	23:13-GMT	Position: 113° / 2260 m	Direction: West; Behavior: Traveling • Fluke
		<i>Group of 4</i>			
16:21	23:21-GMT	Position: 127° / 883 m	Direction: West; Behavior: Traveling • Fluke		
<i>*2 pairs - last image 9569</i>					
16:22	23:22-GMT	Position: 121° / 1483 m	Direction: West; Behavior: Traveling		
<i>1 pair - mom w/ dorsal spot</i>					
16:27	23:27-GMT	Position: 120° / 1483 m	Direction: West; Behavior: Traveling		
16:40	23:40-GMT	Position: 164° / 600 m	Direction: West; Behavior: Traveling		
<i>2 pair w/ #13 Tt</i>					
16:42	23:42-GMT	Position: 164° / 574 m	Direction: West; Behavior: Traveling • Rolling		
<i>1 pair - last pair</i>					
Sighting Number	<b>14</b>	Quality: Poor	<b>Total 6 — 3 Calves</b>		
		Beaufort: 2			
		16:49	23:49-GMT	Position: 106° / 2749 m	Direction: West; Behavior: Traveling
		16:54	23:54-GMT	Position: 117° / 1922 m	Direction: West; Behavior: Traveling
		17:06	0:06;	Position: 160° / 735 m	Direction: West; Behavior: Traveling
<i>2 pair</i>					
17:14	0:14;	Position: 164° / 574 m	Direction: West; Behavior: Traveling		
<i>1 pair</i>					
<b>May 08</b>	Day 83 of 101	Daily Totals	Gray whale (northbound) 28 Calves 14		
Sighting Number	<b>04</b>	Quality: Fair	<b>Total 8 — 4 Calves</b>		
		Beaufort: 3	Images: 9682-9745 includes video		
		10:53	17:53-GMT	Position: 99° / 3088 m	Direction: West; Behavior: Traveling
		11:11	18:11-GMT	Position: 103° / 1922 m	Direction: West; Behavior: Traveling
		<i>6 + 2 grouping</i>			
		11:18	18:18-GMT	Position: 107° / 1674 m	Direction: Circling; Behavior: Traveling • Rolling • Bubbles
		<i>Playing - meandering</i>			
		11:26	18:26-GMT	Position: 109° / 1922 m	Direction: West; Behavior: Traveling
		<i>1 pair trailing</i>			
11:27	18:27-GMT	Position: 119° / 1403 m	Direction: West; Behavior: Traveling		
<i>Lead group of 6</i>					
11:37	18:37-GMT	Position: 149° / 489 m	Direction: West; Behavior: Traveling • Bubbles Blast		
<i>Lead group of 6</i>					
11:46	18:46-GMT	Position: 127° / 600 m	Direction: West; Behavior: Traveling		
<i>Trailing pair</i>					
Sighting Number	<b>06</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 3	Images: 9747-54		
		11:45	18:45-GMT	Position: 106° / 3088 m	Direction: West; Behavior: Traveling
		11:56	18:56-GMT	Position: 120° / 1483 m	Direction: West; Behavior: Traveling
		12:01	19:01-GMT	Position: 129° / 946 m	Direction: West; Behavior: Traveling
12:06	19:06-GMT	Position: 164° / 600 m	Direction: West; Behavior: Traveling		

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Sighting Number	<b>07</b>	Quality: Good	<b>Total 4 — 2 Calves</b>		
		Beaufort: 2	<a href="#">Images: 9761-9832 includes video</a>		
		<b>12:50</b>	19:50-GMT	Position: 99° / 3088 m	Direction: West; Behavior: Traveling
		<i>Two separate groups</i>			
		<b>13:16</b>	20:16-GMT	Position: 122° / 1331 m	Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Good	<b>Total 6 — 3 Calves</b>		
		Beaufort: 3	<a href="#">Images: 9834-72</a>		
		<b>13:32</b>	20:32-GMT	Position: 105° / 2260 m	Direction: West; Behavior: Traveling
<i>Division</i>					
<b>13:49</b>	20:49-GMT	Position: 157° / 696 m	Direction: West; Behavior: Traveling		
Sighting Number	<b>09</b>	Quality: Fair	<b>Total 4 — 2 Calves</b>		
		Beaufort: 3	<a href="#">Images: 9874-9921 includes video</a>		
		<b>13:53</b>	20:53-GMT	Position: 102° / 1674 m	Direction: West; Behavior: Traveling
		<b>14:04</b>	21:04-GMT	Position: 116° / 489 m	Direction: West; Behavior: Traveling
		<i>Inside kelp</i>			
<b>14:09</b>	21:09-GMT	Position: 147° / 400 m	Direction: West; Behavior: Traveling		
<i>Inside kelp</i>					
<b>14:13</b>	21:13-GMT	Position: 224° / 314 m	Direction: West; Behavior: Traveling		
<b>14:16</b>	21:16-GMT	Position: 232° / 489 m	Direction: West; Behavior: Traveling		
Sighting Number	<b>10</b>	Quality: Fair	<b>Total 4 — 2 Calves</b>		
		Beaufort: 3	<a href="#">Images: 9923-54 division</a>		
		<b>14:06</b>	21:06-GMT	Position: 100° / 3088 m	Direction: West; Behavior: Traveling
		<i>2 + 2, two separate groups</i>			
		<b>14:22</b>	21:22-GMT	Position: 119° / 1483 m	Direction: West; Behavior: Traveling
		<i>1 pair</i>			
		<b>14:29</b>	21:29-GMT	Position: 141° / 827 m	Direction: West; Behavior: Traveling
		<i>Lead pair</i>			
		<b>14:29</b>	21:29-GMT	Position: 119° / 1403 m	Direction: West; Behavior: Traveling
<i>Trailing pair</i>					
<b>14:34</b>	21:34-GMT	Position: 180° / 661 m	Direction: West; Behavior: Traveling		
<i>Lead pair</i>					
<b>14:35</b>	21:35-GMT	Position: 146° / 678 m	Direction: West; Behavior: Traveling		
<i>Trailing pair</i>					
<b>14:38</b>	21:38-GMT	Position: 175° / 574 m	Direction: West; Behavior: Traveling		
<i>Trailing pair</i>					

May 09 Day 84 of 101

Daily Totals Gray whale (northbound) 22 Calves 11

Sighting Number	<b>02</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 1	<a href="#">Images: 9958-84</a>		
		<b>09:12</b>	16:12-GMT	Position: 149° / 600 m	Direction: West; Behavior: Traveling
		<b>09:15</b>	16:15-GMT	Position: 173° / 550 m	Direction: West; Behavior: Traveling
Sighting Number	<b>03</b>	Quality: Fair	<b>Total 8 — 4 Calves</b>		
		Beaufort: 1	<a href="#">Images: 9986-10084 includes video</a>		
		<b>09:15</b>	16:15-GMT	Position: 103° / 3088 m	Direction: West; Behavior: Traveling
<b>09:42</b>	16:42-GMT	Position: 112° / 1922 m	Direction: West; Behavior: Traveling		

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

	<b>09:58</b>	16:58-GMT	Position: 133° / 661 m Direction: West; Behavior: Traveling • Fluke • Breach <i>Breached twice</i>
	<b>10:01</b>	17:01-GMT	Position: 158° / 574 m Direction: West; Behavior: Traveling
Sighting Number	<b>04</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 1 Calf</b> <i>Images: 10050-69</i>
	<b>10:20</b>	17:20-GMT	Position: 133° / 778 m Direction: West; Behavior: Traveling
	<b>10:23</b>	17:23-GMT	Position: 170° / 574 m Direction: West; Behavior: Traveling
Sighting Number	<b>05</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 1 Calf</b> <i>Images: 10074-88</i>
	<b>11:45</b>	18:45-GMT	Position: 103° / 2260 m Direction: West; Behavior: Traveling
	<b>12:03</b>	19:03-GMT	Position: 115° / 1483 m Direction: West; Behavior: Traveling
	<b>12:09</b>	19:09-GMT	Position: 135° / 629 m Direction: West; Behavior: Traveling
	<b>12:13</b>	19:13-GMT	Position: 170° / 550 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Fair Beaufort: 1	<b>Total 6 — 3 Calves</b> <i>Images: 10160-234 includes video</i>
	<b>14:21</b>	21:21-GMT	Position: 109° / 2749 m Direction: West; Behavior: Traveling
	<b>14:45</b>	21:45-GMT	Position: 114° / 2260 m Direction: West; Behavior: Traveling <i>Trailing group</i>
	<b>14:48</b>	21:48-GMT	Position: 118° / 883 m Direction: West; Behavior: Traveling <i>Leading group</i>
	<b>14:53</b>	21:53-GMT	Position: 157° / 550 m Direction: West; Behavior: Traveling <i>Leading</i>
	<b>14:55</b>	21:55-GMT	Position: 134° / 696 m Direction: West; Behavior: Traveling • Breach <i>Trailing</i>
	<b>14:58</b>	21:58-GMT	Position: 159° / 735 m Direction: West; Behavior: Traveling • Breach <i>Video of breaches</i>
	<b>15:02</b>	22:02-GMT	Position: 217° / 574 m Direction: West; Behavior: Traveling • Breach <i>Trailing - mini-breaches</i>
Sighting Number	<b>10</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 1 Calf</b> <i>Images: 10236-61</i>
	<b>15:48</b>	22:48-GMT	Position: 106° / 2749 m Direction: West; Behavior: Traveling
	<b>15:54</b>	22:54-GMT	Position: 115° / 1922 m Direction: West; Behavior: Traveling
	<b>16:03</b>	23:03-GMT	Position: 140° / 778 m Direction: West; Behavior: Traveling
	<b>16:05</b>	23:05-GMT	Position: 157° / 696 m Direction: West; Behavior: Traveling <i>Calf shore side</i>
	<b>16:11</b>	23:11-GMT	Position: 223° / 574 m Direction: West; Behavior: Traveling
<b>May 10</b>	Day 85 of 101		Daily Totals Gray whale (northbound) 35 Calves 17
Sighting Number	<b>01</b>	Quality: Fair Beaufort: 1	<b>Total 6 — 3 Calves</b> <i>Images: 0276-0307</i>
	<b>09:04</b>	16:04-GMT	Position: 113° / 1922 m Direction: West; Behavior: Traveling <i>Two groups 4 + 2</i>
	<b>09:23</b>	16:23-GMT	Position: 134° / 1020 m Direction: West; Behavior: Traveling <i>Trailing group</i>
	<b>09:25</b>	16:25-GMT	Position: 183° / 528 m Direction: West; Behavior: Traveling <i>Leading group</i>

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

	<b>09:29</b>	16:29-GMT	Position: 223° / 489 m Direction: West; Behavior: Traveling
			<i>Leading</i>
	<b>09:29</b>	16:29-GMT	Position: 182° / 696 m Direction: West; Behavior: Traveling
			<i>Trailing</i>
Sighting Number	<b>02</b>	Quality: Fair Beaufort: 1	<b>Total 10 — 5 Calves</b> <i>Images: 0311-77</i>
	<b>10:04</b>	17:04-GMT	Position: 111° / 1922 m Direction: West; Behavior: Traveling
			<i>Two groups 2 + 8</i>
	<b>10:11</b>	17:11-GMT	Position: 120° / 1331 m Direction: West; Behavior: Traveling • Fluke • Breach • Rolling
			<i>7 breaches</i>
	<b>10:18</b>	17:18-GMT	Position: 133° / 629 m Direction: West; Behavior: Traveling
			<i>Separated into two groups</i>
	<b>10:18</b>	17:18-GMT	Position: 125° / 661 m Direction: West; Behavior: Traveling
			<i>Trailing group</i>
	<b>10:36</b>	17:36-GMT	Position: 267° / 778 m Direction: West; Behavior: Traveling
Sighting Number	<b>07</b>	Quality: Fair Beaufort: 1	<b>Total 4 — 2 Calves</b> <i>Images: 0379-0406</i>
	<b>11:38</b>	18:38-GMT	Position: 102° / 1403 m Direction: West; Behavior: Traveling
	<b>12:02</b>	19:02-GMT	Position: 130° / 1208 m Direction: West; Behavior: Traveling
	<b>12:15</b>	19:15-GMT	Position: 207° / 600 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 1 Calf</b> <i>Images: 0408-13</i>
	<b>12:32</b>	19:32-GMT	Position: 106° / 2749 m Direction: West; Behavior: Traveling
	<b>12:45</b>	19:45-GMT	Position: 119° / 1674 m Direction: West; Behavior: Traveling
	<b>12:51</b>	19:51-GMT	Position: 135° / 778 m Direction: West; Behavior: Traveling
	<b>12:54</b>	19:54-GMT	Position: 183° / 661 m Direction: West; Behavior: Traveling
Sighting Number	<b>10</b>	Quality: Fair Beaufort: 2	<b>Total 1 — 0 Calves</b> <i>Images: none</i>
	<b>13:35</b>	20:35-GMT	Position: 155° / 946 m Direction: West; Behavior: Traveling
	<b>13:48</b>	20:48-GMT	Position: 259° / 735 m Direction: West; Behavior: Traveling
Sighting Number	<b>13</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b> <i>Images: 0425-41</i>
	<b>14:50</b>	21:50-GMT	Position: 161° / 661 m Direction: West; Behavior: Traveling
	<b>14:56</b>	21:56-GMT	Position: 234° / 574 m Direction: West; Behavior: Traveling
Sighting Number	<b>14</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b> <i>Images: none</i>
	<b>15:47</b>	22:47-GMT	Position: 127° / 2260 m Direction: West; Behavior: Traveling
	<b>15:54</b>	22:54-GMT	Position: 140° / 1922 m Direction: West; Behavior: Traveling
	<b>16:02</b>	23:02-GMT	Position: 163° / 1483 m Direction: West; Behavior: Traveling
Sighting Number	<b>15</b>	Quality: Fair Beaufort: 3	<b>Total 8 — 4 Calves</b> <i>Images: 0457-0545</i>
	<b>16:30</b>	23:30-GMT	Position: 98° / 3088 m Direction: West; Behavior: Traveling
			<i>Two groups 6 + 2</i>
	<b>16:33</b>	23:33-GMT	Position: 97° / 3088 m Direction: West; Behavior: Traveling • Rolling
			<i>Trailing group</i>
	<b>16:55</b>	23:55-GMT	Position: 105° / 1922 m Direction: West; Behavior: Traveling
			<i>Leading</i>

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

	16:55	23:55-GMT	Position: 103° / 2749 m	Direction: West; Behavior: Traveling	
					<i>Trailing</i>
	17:03	0:03;	Position: 113° / 1674 m	Direction: West; Behavior: Traveling	
					<i>Leading</i>
	17:03	0:03;	Position: 108° / 2260 m	Direction: West; Behavior: Traveling	
					<i>Trailing</i>
	17:09	0:09;	Position: 123° / 1106 m	Direction: West; Behavior: Traveling	
					<i>Leading</i>
	17:12	0:12;	Position: 117° / 1674 m	Direction: West; Behavior: Traveling	
					<i>Trailing</i>
<b>May 11</b>	Day 86 of 101		Daily Totals		Gray whale (northbound) 19 Calves 9
Sighting Number	<b>01</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	<i>Images: 0547-51</i>		
	08:58	15:58-GMT	Position: 158° / 778 m	Direction: West; Behavior: Traveling	
					<i>@ 0902 UCSB Dive Research (white hull) drove between whales and kelp after having driven west along kelp - NOT ENTERED ON VESSEL SHEET</i>
	09:01	16:01-GMT	Position: 174° / 735 m	Direction: West; Behavior: Traveling	
	09:02	16:02-GMT	Position: 189° / 678 m	Direction: West; Behavior: Traveling	
	09:05	16:05-GMT	Position: 208° / 661 m	Direction: West; Behavior: Traveling	
	09:07	16:07-GMT	Position: 223° / 629 m	Direction: West; Behavior: Traveling	
Sighting Number	<b>02</b>	Quality: Fair	<b>Total 4 — 2 Calves</b>		
		Beaufort: 0	<i>Images: 0553-99</i>		
	09:31	16:31-GMT	Position: 101° / 3088 m	Direction: West; Behavior: Traveling	
					<i>2 + 2 (calf #250 [new record RAW Count])</i>
	09:46	16:46-GMT	Position: 106° / 2749 m	Direction: West; Behavior: Traveling	
					<i>trail pair</i>
	09:48	16:48-GMT	Position: 114° / 1922 m	Direction: West; Behavior: Traveling	
					<i>lead pair; may be nursing</i>
	09:59	16:59-GMT	Position: 119° / 1331 m	Direction: West; Behavior: Traveling	
					<i>Both pairs together</i>
	10:07	17:07-GMT	Position: 121° / 696 m	Direction: West; Behavior: Traveling	
	10:13	17:13-GMT	Position: 164° / 550 m	Direction: West; Behavior: Traveling	
	10:19	17:19-GMT	Position: 230° / 574 m	Direction: West; Behavior: Traveling	
Sighting Number	<b>04</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 3	<i>Images: 0601-25</i>		
	12:10	19:10-GMT	Position: 143° / 1331 m	Direction: West; Behavior: Traveling	
	12:15	19:15-GMT	Position: 161° / 778 m	Direction: West; Behavior: Traveling	
	12:20	19:20-GMT	Position: 194° / 678 m	Direction: West; Behavior: Traveling	
Sighting Number	<b>05</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 3	<i>Images: 0627-48</i>		
	12:28	19:28-GMT	Position: 104° / 3088 m	Direction: West; Behavior: Traveling	
	12:36	19:36-GMT	Position: 112° / 2260 m	Direction: West; Behavior: Traveling	
	12:48	19:48-GMT	Position: 124° / 1106 m	Direction: West; Behavior: Traveling	
	12:53	19:53-GMT	Position: 155° / 678 m	Direction: West; Behavior: Traveling	
	12:58	19:58-GMT	Position: 194° / 600 m	Direction: West; Behavior: Traveling	

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

Sighting Number	<b>06</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>
		Beaufort: 3	<a href="#">Images: 0651-79</a>
		<b>13:07</b> 20:07-GMT	Position: 128° / 778 m Direction: West; Behavior: Traveling
		<b>13:12</b> 20:12-GMT	Position: 166° / 574 m Direction: West; Behavior: Traveling <a href="#">kelp on calf head</a>
	<b>13:16</b> 20:16-GMT	Position: 200° / 489 m Direction: West; Behavior: Traveling	
Sighting Number	<b>08</b>	Quality: Good	<b>Total 2 — 1 Calf</b>
		Beaufort: 3	<a href="#">Images: 0681-94</a>
		<b>14:41</b> 21:41-GMT	Position: 99° / 3088 m Direction: West; Behavior: Traveling • Traveling <a href="#">meandering</a>
	<b>15:08</b> 22:08-GMT	Position: 120° / 1403 m Direction: West; Behavior: Traveling	
Sighting Number	<b>10</b>	Quality: Good	<b>Total 4 — 2 Calves</b>
		Beaufort: 3	<a href="#">Images: 0696-0736</a>
		<b>15:17</b> 22:17-GMT	Position: / m Direction: West; Behavior: Traveling <a href="#">0700 check video</a>
		<b>15:28</b> 22:28-GMT	Position: 104° / 2260 m Direction: West; Behavior: Traveling • Breach • Sharking <a href="#">Breached twice</a>
		<b>15:41</b> 22:41-GMT	Position: 119° / 1483 m Direction: West; Behavior: Traveling
		<b>15:51</b> 22:51-GMT	Position: 165° / 600 m Direction: West; Behavior: Traveling <a href="#">calf's head up</a>
	<b>15:57</b> 22:57-GMT	Position: 226° / 508 m Direction: West; Behavior: Traveling	
Sighting Number	<b>11</b>	Quality: Fair	<b>Total 1 — 0 Calves</b>
		Beaufort: 4	<a href="#">Images: none</a>
		<b>16:40</b> 23:40-GMT	Position: 139° / 1106 m Direction: West; Behavior: Traveling
	<b>16:46</b> 23:46-GMT	Position: 180° / 600 m Direction: West; Behavior: Traveling <a href="#">Traveled straight towards Point Conception after Counter Point</a>	
<b>May 12</b>	Day 87 of 101	Daily Totals	Gray whale (northbound) <b>8</b> Calves <b>4</b>
Sighting Number	<b>01</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>
		Beaufort: 0	<a href="#">Images: 0743-78 (includes video)</a>
		<b>12:14</b> 19:14-GMT	Position: 100° / 3088 m Direction: West; Behavior: Traveling
		<b>12:22</b> 19:22-GMT	Position: 104° / 2749 m Direction: West; Behavior: Traveling
		<b>12:34</b> 19:34-GMT	Position: 112° / 2260 m Direction: West; Behavior: Traveling • Fluke <a href="#">along kelp</a>
		<b>12:38</b> 19:38-GMT	Position: 118° / 1483 m Direction: West; Behavior: Traveling
		<b>12:45</b> 19:45-GMT	Position: 137° / 1020 m Direction: West; Behavior: Traveling
		<b>12:53</b> 19:53-GMT	Position: 174° / 550 m Direction: West; Behavior: Traveling • Fluke
	<b>13:00</b> 20:00-GMT	Position: 244° / 600 m Direction: West; Behavior: Traveling	
Sighting Number	<b>05</b>	Quality: Good	<b>Total 6 — 3 Calves</b>
		Beaufort: 2	<a href="#">Images: 0788-0866</a>
		<b>15:45</b> 22:45-GMT	Position: 98° / 1922 m Direction: West; Behavior: Traveling <a href="#">2 + 2 + 2 meandering</a>
		<b>16:01</b> 23:01-GMT	Position: 120° / 1403 m Direction: West; Behavior: Traveling <a href="#">lead pair</a>
		<b>16:02</b> 23:02-GMT	Position: 112° / 1922 m Direction: West; Behavior: Traveling <a href="#">trail pair</a>
	<b>16:08</b> 23:08-GMT	Position: 126° / 661 m Direction: West; Behavior: Traveling <a href="#">lead pair</a>	



## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

16:12	23:12-GMT	Position: 117° / 440 m	Direction: West; Behavior: Traveling
<i>trail pair</i>			

16:15	23:15-GMT	Position: 174° / 600 m	Direction: West; Behavior: Traveling • Rolling
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16:19	23:19-GMT	Position: 212° / 330 m	Direction: West; Behavior: Traveling
<i>3rd pair appeared inside the kelp in surf zone</i>			

16:20	23:20-GMT	Position: 221° / 400 m	Direction: West; Behavior: Traveling
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<b>May 13</b>	Day 88 of 101	Daily Totals	Gray whale (northbound) 18	Calves 9
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Sighting Number	<b>01</b>	Quality: Poor Beaufort: 0	<b>Total 4 — 2 Calves</b> Images: 0869-95
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08:45	15:45-GMT	Position: 194° / 539 m	Direction: West; Behavior: Traveling
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Sighting Number	<b>03</b>	Quality: Fair Beaufort: 1	<b>Total 6 — 3 Calves</b> Images: 0898-0941 (includes video)
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10:11	17:11-GMT	Position: 99° / 3088 m	Direction: West; Behavior: Traveling
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10:34	17:34-GMT	Position: 108° / 2260 m	Direction: West; Behavior: Traveling • Spyhop
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10:51	17:51-GMT	Position: 120° / 1331 m	Direction: West; Behavior: Traveling • Fluke
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11:04	18:04-GMT	Position: 159° / 600 m	Direction: West; Behavior: Traveling
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11:10	18:10-GMT	Position: 199° / 489 m	Direction: West; Behavior: Traveling
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Sighting Number	<b>04</b>	Quality: Fair Beaufort: 2	<b>Total 2 — 1 Calf</b> Images: 0943-61
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11:41	18:41-GMT	Position: 106° / 2260 m	Direction: West; Behavior: Traveling
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11:51	18:51-GMT	Position: 120° / 1331 m	Direction: West; Behavior: Traveling
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11:56	18:56-GMT	Position: 134° / 629 m	Direction: West; Behavior: Traveling
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12:00	19:00-GMT	Position: 162° / 489 m	Direction: West; Behavior: Traveling
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12:09	19:09-GMT	Position: 257° / 661 m	Direction: West; Behavior: Traveling
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Sighting Number	<b>09</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b> Images: 0999-1024
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15:21	22:21-GMT	Position: 100° / 3088 m	Direction: West; Behavior: Traveling
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15:38	22:38-GMT	Position: 116° / 1674 m	Direction: West; Behavior: Traveling
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15:51	22:51-GMT	Position: 162° / 600 m	Direction: West; Behavior: Traveling
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15:57	22:57-GMT	Position: 219° / 489 m	Direction: West; Behavior: Traveling
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Sighting Number	<b>12</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b> Images: 1027-60 (includes video)
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16:37	23:37-GMT	Position: 100° / 3088 m	Direction: West; Behavior: Traveling
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16:50	23:50-GMT	Position: 105° / 2260 m	Direction: West; Behavior: Traveling
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Sighting Number	<b>13</b>	Quality: Fair Beaufort: 3	<b>Total 2 — 1 Calf</b> Images: none
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16:57	23:57-GMT	Position: 98° / 3088 m	Direction: West; Behavior: Traveling
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<b>May 14</b>	Day 89 of 101	Daily Totals	Gray whale (northbound) 10	Calves 5
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Sighting Number	<b>01</b>	Quality: Fair Beaufort: 0	<b>Total 8 — 4 Calves</b> Images: 1063-1141 (includes video)
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13:16	20:16-GMT	Position: 100° / 3088 m	Direction: West; Behavior: Traveling
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13:24	20:24-GMT	Position: 107° / 2749 m	Direction: West; Behavior: Traveling • Fluke • Rolling
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13:35	20:35-GMT	Position: 122° / 1331 m	Direction: West; Behavior: Traveling • Fluke
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2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

		<b>13:43</b>	20:43-GMT	Position: 174° / 629 m	Direction: West; Behavior: Traveling • Fluke
Sighting Number	<b>04</b>	Quality: Good Beaufort: 1		<b>Total 2 — 1 Calf</b> <i>Images: 1143-63</i>	
		<b>16:41</b>	23:41-GMT	Position: 169° / 661 m	Direction: West; Behavior: Traveling
		<b>16:50</b>	23:50-GMT	Position: 244° / 661 m	Direction: West; Behavior: Traveling
<b>May 15</b>	Day 90 of 101	Daily Totals			Gray whale (northbound) 16 Calves 8
Sighting Number	<b>01</b>	Quality: Fair Beaufort: 1		<b>Total 6 — 3 Calves</b> <i>Images: 1165-1258 (includes video)</i>	
		<b>08:53</b>	15:53-GMT	Position: 113° / 1674 m	Direction: West; Behavior: Traveling
		<b>09:00</b>	16:00-GMT	Position: 119° / 1208 m	Direction: West; Behavior: Traveling • Fluke
		<b>08:07</b>	15:07-GMT	Position: 133° / 600 m	Direction: West; Behavior: Traveling <i>playful calves</i>
		<b>09:15</b>	16:15-GMT	Position: 157° / 528 m	Direction: West; Behavior: Traveling <i>nursing</i>
		<b>09:18</b>	16:18-GMT	Position: 177° / 528 m	Direction: West; Behavior: Traveling • Bubbles Blast
		<b>09:22</b>	16:22-GMT	Position: 188° / 508 m	Direction: West; Behavior: Traveling
		<b>09:27</b>	16:27-GMT	Position: 220° / 489 m	Direction: West; Behavior: Traveling
Sighting Number	<b>05</b>	Quality: Good Beaufort: 3		<b>Total 2 — 1 Calf</b> <i>Images: 1271-1329 (check backs)</i>	
		<b>11:06</b>	18:06-GMT	Position: 100° / 2749 m	Direction: West; Behavior: Traveling
		<b>11:24</b>	18:24-GMT	Position: 105° / 2260 m	Direction: West; Behavior: Traveling <i>nursing</i>
		<b>11:36</b>	18:36-GMT	Position: 118° / 1483 m	Direction: West; Behavior: Traveling
		<b>11:44</b>	18:44-GMT	Position: 132° / 629 m	Direction: West; Behavior: Traveling
		<b>11:48</b>	18:48-GMT	Position: 159° / 489 m	Direction: West; Behavior: Traveling
		<b>11:52</b>	18:52-GMT	Position: 198° / 489 m	Direction: West; Behavior: Traveling
Sighting Number	<b>06</b>	Quality: Good Beaufort: 3		<b>Total 6 — 3 Calves</b> <i>Images: 1335-1377</i>	
		<b>11:29</b>	18:29-GMT	Position: 98° / 3088 m	Direction: West; Behavior: Traveling <i>4 + 2</i>
		<b>11:51</b>	18:51-GMT	Position: 106° / 2260 m	Direction: West; Behavior: Traveling
		<b>12:12</b>	19:12-GMT	Position: 118° / 1020 m	Direction: West; Behavior: Traveling
		<b>12:16</b>	19:16-GMT	Position: 133° / 528 m	Direction: West; Behavior: Traveling
		<b>12:20</b>	19:20-GMT	Position: 148° / 629 m	Direction: West; Behavior: Traveling
		<b>12:27</b>	19:27-GMT	Position: 204° / 528 m	Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Good Beaufort: 3		<b>Total 2 — 1 Calf</b> <i>Images: 1389-1406</i>	
		<b>14:37</b>	21:37-GMT	Position: 140° / 600 m	Direction: West; Behavior: Traveling
		<b>14:40</b>	21:40-GMT	Position: 155° / 574 m	Direction: West; Behavior: Traveling <i>calf head up</i>
		<b>14:44</b>	21:44-GMT	Position: 174° / 550 m	Direction: West; Behavior: Traveling <i>nursing behavior</i>

2016 Gray Whales (northbound) Sighting & Tracking, On-Effort

	14:48	21:48-GMT	Position: 204° / 489 m	Direction: West; Behavior: Traveling
<b>May 16</b>	Day 91 of 101		Daily Totals	Gray whale (northbound) 2 Calves 1
Sighting Number	<b>01</b>	Quality: Good Beaufort: 3	<b>Total 2 — 1 Calf</b> Images: 1410-18	
	10:30	17:30-GMT	Position: 139° / 600 m	Direction: West; Behavior: Traveling <i>Along kelp</i>
	10:32	17:32-GMT	Position: 162° / 661 m	Direction: West; Behavior: Traveling
	10:45	17:45-GMT	Position: 290° / 1106 m	Direction: West; Behavior: Traveling
<b>May 17</b>	Day 92 of 101		Daily Totals	Gray whale (northbound) 4 Calves 2
Sighting Number	<b>05</b>	Quality: Poor Beaufort: 2	<b>Total 2 — 1 Calf</b> Images: 1453-65 (includes video)	
	12:40	19:40-GMT	Position: 104° / 2749 m	Direction: West; Behavior: Traveling
	12:53	19:53-GMT	Position: 117° / 1674 m	Direction: West; Behavior: Traveling <i>calf on shore-side</i>
	12:57	19:57-GMT	Position: 124° / 913 m	Direction: West; Behavior: Traveling
	13:03	20:03-GMT	Position: 167° / 528 m	Direction: West; Behavior: Traveling
	13:08	20:08-GMT	Position: 226° / 550 m	Direction: West; Behavior: Traveling
Sighting Number	<b>06</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 1 Calf</b> Images: 1472-94 (includes video)	
	13:17	20:17-GMT	Position: 102° / 2749 m	Direction: West; Behavior: Traveling
	13:30	20:30-GMT	Position: 108° / 1922 m	Direction: West; Behavior: Traveling
	13:43	20:43-GMT	Position: 119° / 1403 m	Direction: West; Behavior: Traveling
	13:56	20:56-GMT	Position: 148° / 356 m	Direction: West; Behavior: Traveling <i>inside kelp</i>
	14:04	21:04-GMT	Position: 202° / 471 m	Direction: West; Behavior: Traveling <i>outside edge of kelp</i>
<b>May 18</b>	Day 93 of 101		Daily Totals	Gray whale (northbound) 6 Calves 3
Sighting Number	<b>01</b>	Quality: Poor Beaufort: 0	<b>Total 2 — 1 Calf</b> Images: 1505-24	
	08:45	15:45-GMT	Position: 214° / 696 m	Direction: West; Behavior: Traveling
	08:50	15:50-GMT	Position: 254° / 1020 m	Direction: West; Behavior: Traveling <i>calf shore-side</i>
Sighting Number	<b>03</b>	Quality: Fair Beaufort: 1	<b>Total 2 — 1 Calf</b> Images: 1526-39 (includes video)	
	11:51	18:51-GMT	Position: / m	Direction: West; Behavior: Traveling
	12:08	19:08-GMT	Position: 108° / 2260 m	Direction: West; Behavior: Traveling
	12:19	19:19-GMT	Position: 121° / 1208 m	Direction: West; Behavior: Traveling
	12:24	19:24-GMT	Position: 138° / 574 m	Direction: West; Behavior: Traveling <i>nursing behavior</i>
	12:28	19:28-GMT	Position: 155° / 629 m	Direction: West; Behavior: Traveling • Rolling <i>calf did a semi-roll</i>
	12:33	19:33-GMT	Position: 233° / 550 m	Direction: West; Behavior: Traveling
Sighting Number	<b>09</b>	Quality: Fair Beaufort: 2	<b>Total 2 — 1 Calf</b> Images: 1556-84 (includes video)	
	16:29	23:29-GMT	Position: 98° / 3088 m	Direction: West; Behavior: Traveling • Rolling

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

		16:56	23:56-GMT	Position: 112° / 1922 m	Direction: West; Behavior: Traveling
		16:59	23:59-GMT	Position: 114° / 1674 m	Direction: West; Behavior: Traveling
<b>May 19</b>	Day 94 of 101				Daily Totals Gray whale (northbound) 4 Calves 2
Sighting Number	<b>03</b>	Quality: Fair	<b>Total 4 — 2 Calves</b>		
		Beaufort: 4	Images: 1585-1661 (includes video)		
		16:19	23:19-GMT	Position: 101° / 3088 m	Direction: West; Behavior: Traveling
		16:41	23:41-GMT	Position: 118° / 1106 m	Direction: West; Behavior: Traveling
		16:50	23:50-GMT	Position: 124° / 550 m	Direction: West; Behavior: Traveling
		16:55	23:55-GMT	Position: 162° / 508 m	Direction: West; Behavior: Traveling
		<i>At kelp edge with Tts (not entered as a sighting) - see video 1589, 90 nursing.</i>			
		16:57	23:57-GMT	Position: 173° / 574 m	Direction: West; Behavior: Traveling
<b>May 22</b>	Day 97 of 101				Daily Totals Gray whale (northbound) 2 Calves 1
Sighting Number	<b>02</b>	Quality: Good	<b>Total 2 — 1 Calf</b>		
		Beaufort: 0	Images: 1695-1722		
		09:43	16:43-GMT	Position: 101° / 3088 m	Direction: West; Behavior: Traveling
		09:55	16:55-GMT	Position: 110° / 2749 m	Direction: West; Behavior: Traveling • Fluke
		10:03	17:03-GMT	Position: 118° / 2749 m	Direction: West; Behavior: Traveling
		10:09	17:09-GMT	Position: 123° / 2260 m	Direction: West; Behavior: Traveling • Fluke
		10:15	17:15-GMT	Position: 135° / 1674 m	Direction: West; Behavior: Traveling
		10:21	17:21-GMT	Position: 157° / 1106 m	Direction: West; Behavior: Traveling
		10:28	17:28-GMT	Position: 196° / 913 m	Direction: West; Behavior: Traveling
<b>May 23</b>	Day 98 of 101				Daily Totals Gray whale (northbound) 4 Calves 2
Sighting Number	<b>01</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 1	Images: 1770-1837		
		10:11	17:11-GMT	Position: 101° / 2749 m	Direction: West; Behavior: Traveling
		10:31	17:31-GMT	Position: 114° / 2260 m	Direction: West; Behavior: Traveling
		<i>calf ocean-side</i>			
		10:44	17:44-GMT	Position: 141° / 1020 m	Direction: West; Behavior: Traveling
		<i>calf on ocean-side</i>			
		10:49	17:49-GMT	Position: 176° / 778 m	Direction: West; Behavior: Traveling
		<i>calf on ocean-side</i>			
Sighting Number	<b>03</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>		
		Beaufort: 1	Images: 1861-88 (includes video)		
		13:44	20:44-GMT	Position: 109° / 2260 m	Direction: West; Behavior: Traveling
		13:52	20:52-GMT	Position: 116° / m	Direction: West; Behavior: Traveling
		<i>at kelp edge</i>			
		13:59	20:59-GMT	Position: 129° / 913 m	Direction: West; Behavior: Traveling
		14:03	21:03-GMT	Position: 138° / 661 m	Direction: West; Behavior: Traveling
		<i>meandering, nursing</i>			
		14:11	21:11-GMT	Position: 162° / 574 m	Direction: West; Behavior: Traveling
		14:13	21:13-GMT	Position: 177° / 550 m	Direction: West; Behavior: Traveling
		14:16	21:16-GMT	Position: 194° / 539 m	Direction: West; Behavior: Traveling
<b>May 24</b>	Day 99 of 101				Daily Totals Gray whale (northbound) 6 Calves 3

## 2016 Gray Whales (northbound) Sighting &amp; Tracking, On-Effort

Sighting Number	<b>01</b>	Quality: Fair	<b>Total 2 — 1 Calf</b>	
		Beaufort: 1	Images: <a href="#">1898-1948</a>	
		<b>08:58</b>	15:58-GMT	Position: 104° / 2260 m Direction: West; Behavior: Traveling
		<b>09:10</b>	16:10-GMT	Position: 115° / 1922 m Direction: West; Behavior: Traveling • Fluke <i>mom fluked</i>
		<b>09:25</b>	16:25-GMT	Position: 149° / 629 m Direction: West; Behavior: Traveling
		<b>09:29</b>	16:29-GMT	Position: 149° / 629 m Direction: West; Behavior: Traveling
		<b>09:29</b>	16:29-GMT	Position: 184° / 574 m Direction: West; Behavior: Traveling
Sighting Number	<b>05</b>	Quality: Poor	<b>Total 2 — 1 Calf</b>	
		Beaufort: 4	Images: <a href="#">1959-93</a>	
		<b>12:17</b>	19:17-GMT	Position: 100° / 3088 m Direction: West; Behavior: Traveling
		<b>12:45</b>	19:45-GMT	Position: 133° / 1483 m Direction: West; Behavior: Traveling
		<b>12:53</b>	19:53-GMT	Position: 186° / 778 m Direction: West; Behavior: Traveling
Sighting Number	<b>08</b>	Quality: Poor	<b>Total 2 — 1 Calf</b>	
		Beaufort: 4	Images: <a href="#">2004-2030</a>	
		<b>15:27</b>	22:27-GMT	Position: 117° / 2260 m Direction: West; Behavior: Traveling • Fluke
		<b>15:37</b>	22:37-GMT	Position: 138° / 778 m Direction: West; Behavior: Traveling <i>calf shore-side</i>
		<b>15:43</b>	22:43-GMT	Position: 187° / 661 m Direction: West; Behavior: Traveling