Bottlenose dolphin  *Tursiops truncatus*

OBSERVED FROM COUNTER POINT - 2017 DURING GWC SURVEY OF NORTHBOUND GRAY WHALE MIGRATION

Total dolphins: 581  
Calves: 59  
Number of sightings: 143

KEY: Bottlenose dolphins move up and down the coast in this area. The coastal Bottlenose dolphin we see travel up and down the coast. Many travel between Ensenada, Mexico and the San Francisco Bay area. In an effort to monitor this, perhaps growing population, researchers make photo-identification images, mostly from small boats. When the dolphins pass by us very close to shore, we try to make images that contribute to the monitoring effort.

Because the dolphins do move back and forth, we may see the same dolphins more than once the same day and several times over the survey. Our counts, then, represent the sum of our sightings and not a representation of the population of Bottlenose dolphins in this area.

It is likely that we observe some of the same dolphins at different times during the same day and on subsequent days. Without photo-identification, we cannot determine individual dolphins.

In this report, only sightings on-effort are presented: sightings at which two or more, qualified observers were on duty with proper equipment, with adequate visibility, and sea state at or below Beaufort 4.

Quality is overall observation quality. The number is Beaufort scale. Position of sighting is represented by true bearing and distance in meters from our observation platform on Counter Point, which faces south.

ND or nd = not determined; and NI or ni = not indicated.

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part of 2017 Gray Whales Count, Survey Report © Gray Whales Count, 2017, Santa Barbara, California, USA

prepared by Michael H Smith, Project Coordinator

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Report Date 2017.11.07  Page Number 1
<table>
<thead>
<tr>
<th>Day 2 of 90</th>
<th></th>
<th>Daily Totals</th>
<th>dolphins</th>
<th>calves</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Feb 22</strong></td>
<td><strong>Quality: Fair</strong></td>
<td><strong>Beaufort: 4</strong></td>
<td><strong>Total dolphins 7 — 0 calves at sighting</strong></td>
<td><strong>Position: 204˚ / 307 m</strong></td>
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<tr>
<td><strong>Sighting Number 01</strong></td>
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<td><strong>17:12 GMT</strong></td>
<td><strong>Position: 204˚ / 307 m</strong></td>
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<td>****</td>
<td><strong>09:16 - PST</strong></td>
<td><strong>17:16 GMT</strong></td>
<td><strong>Position: 259˚ / 314 m</strong></td>
<td><strong>Direction: West; Behavior: Speed slow ● Traveling</strong></td>
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<tr>
<td><strong>Quality: Fair</strong></td>
<td><strong>Beaufort: 4</strong></td>
<td><strong>Total dolphins 3 — 0 calves at sighting</strong></td>
<td><strong>Position: 159˚ / 574 m</strong></td>
<td><strong>Direction: West; Behavior: Speed slow ● Traveling</strong></td>
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<tr>
<td><strong>Sighting Number 02</strong></td>
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<td><strong>17:37 GMT</strong></td>
<td><strong>Position: 159˚ / 508 m</strong></td>
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<td>****</td>
<td><strong>09:40 - PST</strong></td>
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<td><strong>Position: 236˚ / 696 m</strong></td>
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<td><strong>17:47 GMT</strong></td>
<td><strong>Position: 259˚ / 307 m</strong></td>
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<td><strong>10:23 - PST</strong></td>
<td><strong>18:23 GMT</strong></td>
<td><strong>Position: 118˚ / 382 m</strong></td>
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<td><strong>Position: 147˚ / 314 m</strong></td>
<td><strong>Direction: West; Behavior: Speed slow ● Traveling</strong></td>
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<tr>
<td><strong>Quality: Fair</strong></td>
<td><strong>Beaufort: 2</strong></td>
<td><strong>Total dolphins 2 — 0 calves at sighting</strong></td>
<td><strong>Position: 204˚ / 307 m</strong></td>
<td><strong>Direction: West; Behavior: Speed slow ● Traveling</strong></td>
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<td><strong>Sighting Number 04</strong></td>
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<td><strong>Quality: Fair</strong></td>
<td><strong>Beaufort: 2</strong></td>
<td><strong>Total dolphins 2 — 0 calves at sighting</strong></td>
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<td><strong>Sighting Number 05</strong></td>
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<td><strong>Position: 132˚ / 629 m</strong></td>
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<td>****</td>
<td><strong>10:47 - PST</strong></td>
<td><strong>18:47 GMT</strong></td>
<td><strong>Position: 236˚ / 696 m</strong></td>
<td><strong>Direction: West; Behavior: Speed slow ● Traveling</strong></td>
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<tr>
<td><strong>Quality: Fair</strong></td>
<td><strong>Beaufort: 3</strong></td>
<td><strong>Total dolphins 5 — 2 calves at sighting</strong></td>
<td><strong>Position: 132˚ / 629 m</strong></td>
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<td>****</td>
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<td><strong>20:01 GMT</strong></td>
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<td><strong>Direction: West; Behavior: Speed slow ● Traveling</strong></td>
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<td>****</td>
<td><strong>12:39 - PST</strong></td>
<td><strong>20:39 GMT</strong></td>
<td><strong>Position: 204˚ / 307 m</strong></td>
<td><strong>Direction: West; Behavior: Speed slow ● Traveling</strong></td>
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<tr>
<td><strong>Quality: Fair</strong></td>
<td><strong>Beaufort: 3</strong></td>
<td><strong>Total dolphins 5 — 1 calf at sighting</strong></td>
<td><strong>Position: 204˚ / 307 m</strong></td>
<td><strong>Direction: West; Behavior: Speed slow ● Traveling</strong></td>
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<td><strong>20:56 GMT</strong></td>
<td><strong>Position: 204˚ / 307 m</strong></td>
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<td><strong>Position: 259˚ / 314 m</strong></td>
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<td>****</td>
<td><strong>13:04 - PST</strong></td>
<td><strong>21:04 GMT</strong></td>
<td><strong>Position: 147˚ / 314 m</strong></td>
<td><strong>Direction: West; Behavior: Speed slow ● Traveling</strong></td>
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<tr>
<td><strong>Quality: Fair</strong></td>
<td><strong>Beaufort: 3</strong></td>
<td><strong>Total dolphins 2 — 0 calves at sighting</strong></td>
<td><strong>Position: 259˚ / 307 m</strong></td>
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<td><strong>Sighting Number 09</strong></td>
<td><strong>13:02 - PST</strong></td>
<td><strong>21:02 GMT</strong></td>
<td><strong>Position: 147˚ / 314 m</strong></td>
<td><strong>Direction: East; Behavior: Speed slow ● Traveling</strong></td>
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<td>****</td>
<td><strong>13:04 - PST</strong></td>
<td><strong>21:04 GMT</strong></td>
<td><strong>Position: 204˚ / 307 m</strong></td>
<td><strong>Direction: West; Behavior: Speed slow ● Traveling</strong></td>
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### 2017 Bottlenose dolphin Sighting + Tracking, On-Effect

<table>
<thead>
<tr>
<th>Sighting Number</th>
<th>Quality: Fair</th>
<th>Total dolphins</th>
<th>0 calves at sighting</th>
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<tbody>
<tr>
<td>15</td>
<td></td>
<td>6</td>
<td>0</td>
</tr>
</tbody>
</table>

- **Beaufort:** 2
- **Position:** 212° / 600 m
- **Direction:** East; **Behavior:** Speed slow • Traveling

<table>
<thead>
<tr>
<th>Sighting Number</th>
<th>Quality: Fair</th>
<th>Total dolphins</th>
<th>0 calves at sighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td></td>
<td>3</td>
<td>0</td>
</tr>
</tbody>
</table>

- **Beaufort:** 2
- **Position:** 225° / 244 m
- **Direction:** East; **Behavior:** Speed slow • Traveling

<table>
<thead>
<tr>
<th>Sighting Number</th>
<th>Quality: Poor</th>
<th>Total dolphins</th>
<th>0 calves at sighting</th>
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<tbody>
<tr>
<td>24</td>
<td></td>
<td>3</td>
<td>0</td>
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</table>

- **Beaufort:** 3
- **Position:** 198° / 539 m
- **Direction:** East; **Behavior:** Speed slow • Foraging

<table>
<thead>
<tr>
<th>Sighting Number</th>
<th>Quality: Poor</th>
<th>Total dolphins</th>
<th>5 calves at sighting</th>
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<tbody>
<tr>
<td>27</td>
<td></td>
<td>3</td>
<td>nd</td>
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</table>

- **Beaufort:** 3
- **Position:** 148° / 347 m
- **Direction:** West; **Behavior:** Speed slow • Traveling

### Other Observations

- **Feb 26**
  - **Day 6 of 90**
    - **Sighting Number 02**
      - **Images:** 4415 - 22
      - **Quality: Fair**
      - **Beaufort:** 2
      - **Position:** 235° / 244 m
      - **Direction:** East; **Behavior:** Speed slow • Traveling

- **Feb 27**
  - **Day 7 of 90**
    - **Sighting Number 04**
      - **Quality: Fair**
      - **Beaufort:** 1
      - **Position:** 127° / 629 m
      - **Direction:** West; **Behavior:** Speed slow • Traveling

### Daily Totals

<table>
<thead>
<tr>
<th>Date</th>
<th>Stage 1</th>
<th>Stage 2</th>
<th>Stage 3</th>
</tr>
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<tbody>
<tr>
<td>Feb 26</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Feb 27</td>
<td>18</td>
<td>4</td>
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<tr>
<td>Feb 28</td>
<td>5</td>
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<td>0</td>
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<tr>
<td>Mar 01</td>
<td>5</td>
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Report Date: 2017.11.07  Page Number: 3
# 2017 Bottlenose dolphin Sighting + Tracking, On-Off

<table>
<thead>
<tr>
<th>Sighting Number</th>
<th>Quality</th>
<th>Beaufort</th>
<th>Total dolphins — calves at sighting</th>
<th>Position</th>
<th>Direction</th>
<th>Behavior</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>Good</td>
<td>3</td>
<td>3 — 1 calf</td>
<td>137° / 489 m</td>
<td>West</td>
<td>Speed slow • Traveling</td>
<td>15:06 -PST</td>
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<tr>
<td>16</td>
<td>Good</td>
<td>2</td>
<td>2 — 0 calves</td>
<td>219° / 455 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>16:45 -PST</td>
</tr>
<tr>
<td>16</td>
<td>Good</td>
<td>2</td>
<td>2 — 0 calves</td>
<td>185° / 489 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>16:47 -PST</td>
</tr>
<tr>
<td>16</td>
<td>Fair</td>
<td>1</td>
<td>4 — 0 calves</td>
<td>267° / 489 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>09:01 -PST</td>
</tr>
<tr>
<td>16</td>
<td>Fair</td>
<td>1</td>
<td>3 — 0 calves</td>
<td>118° / 696 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>09:11 -PST</td>
</tr>
<tr>
<td>16</td>
<td>Fair</td>
<td>1</td>
<td>3 — 0 calves</td>
<td>143° / 696 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>09:15 -PST</td>
</tr>
<tr>
<td>16</td>
<td>Fair</td>
<td>1</td>
<td>3 — 0 calves</td>
<td>135° / 489 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>09:18 -PST</td>
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<tr>
<td>16</td>
<td>Fair</td>
<td>0</td>
<td>3 — 0 calves</td>
<td>144° / 574 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>09:30 -PST</td>
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<tr>
<td>16</td>
<td>Fair</td>
<td>0</td>
<td>3 — 0 calves</td>
<td>150° / 508 m</td>
<td>East</td>
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<td>09:34 -PST</td>
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<tr>
<td>17</td>
<td>Fair</td>
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<td>3 — 0 calves</td>
<td>135° / 508 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>12:42 -PST</td>
</tr>
<tr>
<td>17</td>
<td>Fair</td>
<td>1</td>
<td>3 — 0 calves</td>
<td>176° / 661 m</td>
<td>East</td>
<td>Speed moderate • Traveling</td>
<td>12:44 -PST</td>
</tr>
<tr>
<td>17</td>
<td>Fair</td>
<td>1</td>
<td>3 — 0 calves</td>
<td>204° / 528 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>14:19 -PST</td>
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<tr>
<td>17</td>
<td>Fair</td>
<td>1</td>
<td>3 — 0 calves</td>
<td>220° / 528 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>14:22 -PST</td>
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<tr>
<td>17</td>
<td>Fair</td>
<td>1</td>
<td>3 — 0 calves</td>
<td>134° / 528 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>14:24 -PST</td>
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<td>15:53 -PST</td>
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<td>3 — 0 calves</td>
<td>144° / 600 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>15:59 -PST</td>
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<tr>
<td>21</td>
<td>Fair</td>
<td>1</td>
<td>4 — 0 calves</td>
<td>212° / 314 m</td>
<td>East</td>
<td>Speed moderate • Traveling</td>
<td>16:42 -PST</td>
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<tr>
<td>21</td>
<td>Fair</td>
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<td>4 — 0 calves</td>
<td>175° / 455 m</td>
<td>East</td>
<td>Speed moderate • Traveling</td>
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<tr>
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<td>4 — 0 calves</td>
<td>160° / 661 m</td>
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**Mar 02**

Day 10 of 90

<table>
<thead>
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<th>Sighting Number</th>
<th>Quality</th>
<th>Beaufort</th>
<th>Total dolphins — calves at sighting</th>
<th>Position</th>
<th>Direction</th>
<th>Behavior</th>
<th>Notes</th>
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<tbody>
<tr>
<td>01</td>
<td>Fair</td>
<td>1</td>
<td>4 — 0 calves</td>
<td>267° / 489 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>09:01 -PST</td>
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<tr>
<td>04</td>
<td>Fair</td>
<td>1</td>
<td>3 — 0 calves</td>
<td>118° / 696 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
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<tr>
<td>04</td>
<td>Fair</td>
<td>1</td>
<td>3 — 0 calves</td>
<td>143° / 696 m</td>
<td>East</td>
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<td>04</td>
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<td>1</td>
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<td>135° / 489 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
<td>09:18 -PST</td>
</tr>
<tr>
<td>06</td>
<td>Fair</td>
<td>1</td>
<td>2 — 0 calves</td>
<td>144° / 574 m</td>
<td>East</td>
<td>Speed slow • Traveling</td>
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<tr>
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<td>2 — 0 calves</td>
<td>177° / 508 m</td>
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<td>Fair</td>
<td>1</td>
<td>1 — 0 calf</td>
<td>204° / 574 m</td>
<td>East</td>
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<td>Fair</td>
<td>1</td>
<td>1 — 0 calf</td>
<td>144° / 600 m</td>
<td>East</td>
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<td>4 — 0 calves</td>
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**Mar 03**

Day 11 of 90

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### 2017 Bottlenose dolphin Sighting + Tracking, On-Effort

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</tr>
<tr>
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Mar 20
Day 28 of 90

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<th>Position</th>
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<th>Comments</th>
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<td>20</td>
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<td>7</td>
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<td>4</td>
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<td>27</td>
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<td>2/2017-GMT</td>
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Mar 22
Day 30 of 90

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Mar 29
Day 37 of 90

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Apr 02
Day 41 of 90

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<td>Speed slow • Traveling</td>
<td>4/02/2017-GMT</td>
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<tr>
<td>15</td>
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<td>3</td>
<td>0</td>
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<td>East</td>
<td>Speed slow • Traveling</td>
<td>4/02/2017-GMT</td>
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### 2017 Bottlenose dolphin Sighting + Tracking, On-Off

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<td>11</td>
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<td>1</td>
<td>5</td>
<td>0</td>
<td>Apr 06</td>
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<td>Traveling</td>
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<td>3</td>
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<td>10</td>
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<td>8 (inc 2 calves) + 4</td>
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<td>2</td>
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<td>9</td>
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<td>6</td>
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<td>moving west - just beyond kelp</td>
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Report Date: 2017.11.07
<table>
<thead>
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<th>Sighting Number</th>
<th>Quality</th>
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<tr>
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<tr>
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<td>0</td>
<td>129˚ / 629 m</td>
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<td>225˚ / 471 m</td>
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<td>Fair</td>
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<td>0</td>
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</tr>
</tbody>
</table>

Apr 12
Day 51 of 90
- Daily Totals: Dolphins 2, Calves 0

Apr 13
Day 52 of 90
- Daily Totals: Dolphins 4, Calves 0

Apr 14
Day 53 of 90
- Daily Totals: Dolphins 3, Calves 0

Apr 15
Day 54 of 90
- Daily Totals: Dolphins 14, Calves 2

Apr 16
Day 55 of 90
- Daily Totals: Dolphins 12, Calves 1

Apr 17
Day 56 of 90
- Daily Totals: Dolphins 5, Calves 1

Apr 18
Day 57 of 90
- Daily Totals: Dolphins 17, Calves 0
<table>
<thead>
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<th>Total dolphins</th>
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<th>Direction</th>
<th>Behavior</th>
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<tbody>
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<td>Position: 166˚ / 440 m</td>
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</tbody>
</table>

**Daily Totals**

- **Apr 19**: dolphins 5, calves 1
- **Apr 21**: dolphins 2, calves 0
- **Apr 22**: dolphins 9, calves 2
- **Apr 23**: dolphins 5, calves 0
- **Apr 28**: dolphins 3, calves 0
- **Apr 29**: dolphins 12, calves 2
- **May 01**: dolphins 3, calves 0
- **May 04**: dolphins 2, calves 0
- **May 05**: dolphins 20, calves 3

---

*Report Date: 2017-11-07*
<table>
<thead>
<tr>
<th>Sighting Number</th>
<th>Quality</th>
<th>Beaufort</th>
<th>Total dolphins</th>
<th>Calves at sighting</th>
<th>Position</th>
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<th>Behavior</th>
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**Daily Totals**

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