

GRAY WHALE SIGHTING FORM

Use a new form for every group (pod) of marine mammals sighted.

1. Start Time: __ : __ 2. Sighting No.: __ 3. Date (mm.dd.yyyy): __ / __ / ____

4. (See TV Monitor)
 Latitude Start: __ ° __ ' ____ " Longitude Start: __ ° __ ' ____ "

5. Species (Circle one): GRAY WHALE FIN WHALE MINKE WHALE BLUE WHALE COMMON DOLPHIN BOTTLENOSE DOLPHIN
 OTHER _____

6. Which direction is the whale heading (Circle one) Up Coast Down Coast In Out VAR

7. How deep is the water here? _____ Fathoms (see TV monitor)
 ...If there are 6 feet in a *fathom*, how deep is the ocean here (*in feet*)? _____

8. What is the whale doing? (circle everything you see. If you see something that isn't listed here, write or draw it on the back of this form).
 Rest/ Mill Travel Feed Socialize Other (note on back)

9. Minimally, how many whales/dolphins are part of this sighting? _____
 Maximally, how many whales/dolphins are part of this sighting? _____
 What is your *BEST* estimate of how many whales/dolphins are part of this sighting? _____

Notes or Comments:

10. Using your stopwatch, time how long the whale holds its breath. Every time your group sees the whale exhale at the surface (a big puff of vapor), stop the stopwatch and write down the time below. Then, restart your timer and wait for the whale's next breath of air. If you need more space, use the back of this form.

Breath	Time (mm:ss)	Breath	Time (mm:ss)
1)	__ : __	11)	__ : __
2)	__ : __	12)	__ : __
3)	__ : __	13)	__ : __
4)	__ : __	14)	__ : __
5)	__ : __	15)	__ : __
6)	__ : __	16)	__ : __
7)	__ : __	17)	__ : __
8)	__ : __	18)	__ : __
9)	__ : __	19)	__ : __
10)	__ : __	20)	__ : __

Group Discussion: What was the longest amount of time the whale held its breath? _____

...Did you notice any patterns in the whale's breathing? For instance, did it always hold its breath for about the same amount of time, or were some dives short and some dives long? Describe the patterns you observed below:

11. (See TV Monitor)
 Latitude End: __ ° __ ' ____ " Longitude End: __ ° __ ' ____ "

12. Stop Time: __ : __