



Manta Ray Sightings at "Manta Heaven" (North) and "Manta Village" (South) in June 2013  
Kona Coast, Big Island of Hawaii, USA

|                          |                                    |                         |  |
|--------------------------|------------------------------------|-------------------------|--|
| Legend: Female Manta Ray | "S" = South Site = "Manta Village" | "*" = No data available | ( ) = No individual names available        |
| Male Manta Ray           | "N" = North Site = "Manta Heaven"  | "0" = skunked           | Manta Ray changed sites within 24-96 hours |

| June 2013      |               | Sat | Sun | Mon | Tues | Wed | Thur | Fri | Sat | Sun | Mon | Tues | Wed | Thur | Fri | Sat | Sun | Mon | Tues | Wed | Thur | Fri | Sat | Sun | Mon | Tues | Wed | Thur | Fri | Sat | Sun | Which Manta Ray did we see the most? |    |    |   |
|----------------|---------------|-----|-----|-----|------|-----|------|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|------|-----|------|-----|-----|-----|--------------------------------------|----|----|---|
|                |               | 1   | 2   | 3   | 4    | 5   | 6    | 7   | 8   | 9   | 10  | 11   | 12  | 13   | 14  | 15  | 16  | 17  | 18   | 19  | 20   | 21  | 22  | 23  | 24  | 25   | 26  | 27   | 28  | 29  | 30  |                                      |    |    |   |
| Lunar Phase    |               | ☾   |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |                                      |    |    |   |
| <b>North</b>   |               | 9   | 12  | 6   | 9    | 3   | 7    | 1   | 0   | (1) | 1   | (1)  | 0   | 0    | 0   | 1   | 1   | (1) | 1    | 3   | 7    | 4   | 2   | 11  | 1   | 2    | 5   | 10   | 20  | 18  | 18  |                                      |    |    |   |
| <b>South</b>   |               | 3   | -   | 3   | -    | -   | 3    | 10  | 3   | 7   | 5   | 5    | 9   | 4    | 5   | 4   | 6   | 4   | 3    | 1   | 2    | 2   | 4   | 4   | 3   | 3    | 4   | -    | -   | 5   | 4   |                                      |    |    |   |
| <b>SUMMARY</b> |               | 12  | 12  | 9   | 9    | 3   | 10   | 11  | 3   | 8   | 6   | 6    | 9   | 4    | 5   | 5   | 7   | 5   | 4    | 4   | 9    | 6   | 6   | 15  | 4   | 5    | 9   | 10   | 20  | 23  | 22  |                                      |    |    |   |
| 1              | Alexander     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | N                                    |    | 1  |   |
| 2              | Amanda Ray    |     |     |     |      |     |      |     |     |     |     |      | S   |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | S                                    | S  | 3  |   |
| 3              | Andre-a-Ray   | N   |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | N                                    | N  | 3  |   |
| 4              | Big Bertha    |     |     |     |      |     |      | S   |     | S   |     | S    | S   |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | S                                    |    | 5  |   |
| 5              | Blain Ray     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | N                                    | N  | N  | 3 |
| 6              | Bob'n'Ray     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     | N   |     |     |      | N   |      |     |     |     |                                      | N  |    | 3 |
| 7              | BooBoo        |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     | N   |     |      | S   |      |     |     |     |     |      |     |      |     |     |     |                                      |    | 2  |   |
| 8              | Capt. Mike    | N   | N   |     | N    |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     | N   |     |      |     |      |     |     | N   | N                                    | N  | 7  |   |
| 9              | Cara Ray      | N   | N   |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     | N   |     |      |     |      | N   | N   |     |                                      |    | 5  |   |
| 10             | Curly Ray     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | N                                    | N  | 2  |   |
| 11             | Delaney       |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | N                                    |    | 1  |   |
| 12             | Eli Ray       |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      | N   |     |     |     |      | N   | N    | N   | N   | N   | N                                    | N  | 7  |   |
| 13             | Emma          |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     | N   |     |      |     |      |     |     |     |                                      |    | 1  |   |
| 14             | Grayer        |     |     |     |      | N   |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      | N   |     | N   |     |      |     |      |     | N   | N   | N                                    | N  | 7  |   |
| 15             | Hans Ray      |     | N   |     |      |     |      | S   |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |                                      |    | 2  |   |
| 16             | Hayden Ray    |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      | N   |     |     |     |      |     |      |     |     | N   |                                      |    | 2  |   |
| 17             | Ho Ray        |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | N                                    | N  | 2  |   |
| 18             | Jana Ray      | S   |     | S   |      |     | S    | S   | S   | S   | S   | S    | S   | S    | S   | S   | S   | S   | S    | S   | S    | S   | S   | S   | S   | S    | S   | S    | S   | S   | S   | S                                    | S  | 24 |   |
| 19             | Jay Ray       |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     | N   |                                      |    | 1  |   |
| 20             | Jordan        | S   |     |     |      |     | S    | S   |     |     |     | S    | S   | S    |     |     |     |     |      |     |      |     | N   | S   | S   | S    | S   | S    |     |     | S   |                                      | 12 |    |   |
| 21             | Kailey        | S   |     | S   |      |     | S    | S   |     |     |     |      | S   | S    | S   |     |     |     |      |     |      |     | N   | N   | S   | S    | S   | S    |     |     |     | S                                    |    | 15 |   |
| 22             | Kai-Zed       |     |     |     | N    |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |                                      |    | 1  |   |
| 23             | Kawika        |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | N                                    |    | 1  |   |
| 24             | Keniki        |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | N                                    | N  | 2  |   |
| 25             | Koie          | N   |     | N   | N    |     | N    | S   | S   | S   | S   |      |     |      |     |     |     |     |      |     |      |     | N   | N   | N   | N    | N   | N    | N   | N   | N   | N                                    | N  | 19 |   |
| 26             | Lefty         |     |     |     |      |     |      |     |     |     |     |      |     | S    |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     | N   | N                                    |    | N  | 4 |
| 27             | Linda         |     |     |     |      |     |      |     |     | S   |     |      |     |      |     | S   | S   | S   | N    | N   |      |     |     |     |     |      | S   | S    |     |     |     |                                      |    | 8  |   |
| 28             | Lisa Rae      |     |     |     | N    | N   |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |                                      |    | N  | 3 |
| 29             | Mango         |     |     |     |      |     | N    |     |     |     |     | S    | S   | S    | S   | S   |     | N   |      |     |      |     |     |     |     |      |     |      |     | N   | N   | N                                    | 10 |    |   |
| 30             | Margo         | N   | N   | N   | N    | N   | N    |     |     |     |     | S    | S   |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |                                      |    | 8  |   |
| 31             | Melainah      |     | N   |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     | N   | N                                    | N  | N  | 5 |
| 32             | Miki          |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |                                      | N  |    | 1 |
| 33             | Nick          |     |     |     |      |     |      | S   | S   | S   |     |      |     |      | S   | S   |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | S                                    |    | 6  |   |
| 34             | Orion Ray     |     |     |     |      |     |      | S   |     | S   |     |      |     |      |     |     | S   |     |      |     |      |     |     |     |     |      |     |      |     |     |     |                                      |    |    | 3 |
| 35             | Otis          |     |     | N   |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |                                      |    |    | 1 |
| 36             | Peg Ray = NEW |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | N                                    |    | 1  |   |
| 37             | Ralph's Ray   | N   | N   | N   | N    |     |      |     |     |     |     |      | S   |      |     |     |     |     |      |     |      |     |     |     | S   |      |     |      |     |     |     |                                      |    | 6  |   |
| 38             | Re-Nata       |     |     | N   |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |                                      |    |    | 1 |
| 39             | Rusty         |     |     |     |      | N   |      | N   |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | N                                    |    | 3  |   |
| 40             | Scar          |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |                                      |    | N  | 1 |
| 41             | Shirley       | N   | N   |     |      |     |      | N   |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     | N    |     |      |     | N   | N   | N                                    | N  | 8  |   |
| 42             | Sugar Ray     |     |     |     | N    | N   |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | N   |      |     |      | N   | N   | N   | N                                    | N  | 9  |   |
| 43             | Tessa         |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      | N   |     | N   |                                      |    | 2  |   |
| 44             | Tim           | N   | N   | N   | N    | N   | N    | N   |     |     | N   |      |     |      |     |     | N   |     |      |     |      |     |     |     |     |      |     |      |     |     |     |                                      |    | 9  |   |
| 45             | Timbuktu      |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |                                      | N  |    | 1 |
| 46             | Vallaray      |     |     | S   |      |     | N    | S   | S   | S   | S   | S    | S   | S    | S   | S   | S   | S   | N    | S   | S    | S   | S   | S   | S   |      |     | N    |     |     |     | S                                    | 18 |    |   |
| 47             | Vicky         |     | N   |     |      |     |      | S   |     |     | S   |      |     |      | S   |     | S   |     |      | N   |      |     |     | N   |     |      |     |      |     |     | N   | N                                    | N  | 10 |   |
| 48             | Vinny Ray     | N   | N   |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     | N                                    | N  | N  | 7 |
| 49             | Who Ray       |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |     |      |     |      |     |     |     |                                      | N  |    | 2 |