



**Statistics of Manta Ray Sightings on the Kona Coast, Hawaii, USA
during the Night Dive and Snorkel Activity at
"Manta Heaven" and "Manta Village" in
2011**

Source:

- These annual statistics are based on the monthly statistics published by Martina Wing, James Wing and Ryan Leinbach of Ocean Wings Hawaii, Inc.
- You can find the source material on their website: <http://www.mantarayshawaii.com/statistics.html>
- All statistics are based on personal observations and review of video footage of each specific night dive.
- We like to thank all contributors who make these statistics as complete and accurate as possible. A Special Mahalo to Luke, David and Katie from Kona Diving Company as well as Jonathan from Big Island Divers.

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"TOP 20" Manta Rays at "Manta Heaven" and "Manta Village" in 2011 (condensed)

Kona Coast, Big Island of Hawaii, USA

- order by appearance -

Legend: **"TOP 3" Manta Rays 2011**
"TOP 3" Manta Ray of the month

2011		January	February	March	April	May	June	July	August	September	October	November	December	Σ
1	Koie Ray	6	15	18	17	30	12	25	15	18	21	9	22	208
2	Kailey Ray	17	21	14	13	11	0	9	14	16	22	24	22	183
3	Blain Ray	6	15	13	16	16	6	18	11	17	19	9	18	164
4	Grayer	7	16	3	18	27	2	19	6	19	19	8	16	160
5	Melainah	10	10	18	9	23	4	12	13	12	8	13	11	143
6	Vicky	4	15	12	14	19	7	17	10	15	17	4	9	143
7	Lefty	3	12	1	14	24	12	12	12	15	9	4	14	132
8	Vinny Ray	5	18	14	12	23	1	7	0	12	11	1	11	115
9	Shirley Ray	0	0	0	0	3	9	23	5	14	19	10	15	98
10	Uhane Nui	3	15	11	8	9	0	8	3	9	9	2	9	86
11	Big Bertha	0	5	6	10	16	3	4	8	5	11	11	6	85
12	Timbuktu	0	15	9	9	14	0	5	3	9	10	1	5	80
13	Sugar Ray	1	7	6	11	18	9	6	2	2	13	0	4	79
14	Ho Ray	4	7	11	10	10	3	0	3	11	8	3	6	76
15	Capt. Mike	2	2	1	7	18	2	14	2	13	4	0	9	74
16	Vallaray	2	0	5	12	8	7	10	9	17	0	0	2	72
17	Capt. Kirk	2	8	1	14	14	1	10	2	16	0	0	3	71
18	Alexander	1	10	1	7	8	1	9	0	9	9	0	5	60
19	Cara Ray	0	0	1	11	13	2	9	0	11	4	0	1	52
20	Teresa	0	2	1	5	8	5	0	0	0	5	11	7	44

☞ For complete list in order by appearance, see Page 3

☞ For complete list in alphabetical order, see Page 4



"TOP 20" Manta Rays at "Manta Heaven" and "Manta Village" in 2011

Kona Coast, Big Island of Hawaii, USA

- order by appearance -

Legend: Female Manta Ray
Male Manta Ray

"TOP 3" Manta Rays 2011
"TOP 3" Manta Ray of the month

New ID's in 2011

2011		January	February	March	April	May	June	July	August	September	October	November	December	Σ
1	Koie Ray	6	15	18	17	30	12	25	15	18	21	9	22	208
2	Kailey Ray	17	21	14	13	11	0	9	14	16	22	24	22	183
3	Blain Ray	6	15	13	16	16	6	18	11	17	19	9	18	164
4	Grayer	7	16	3	18	27	2	19	6	19	19	8	16	160
5	Melainah	10	10	18	9	23	4	12	13	12	8	13	11	143
6	Vicky	4	15	12	14	19	7	17	10	15	17	4	9	143
7	Lefty	3	12	1	14	24	12	12	12	15	9	4	14	132
8	Vinny Ray	5	18	14	12	23	1	7	0	12	11	1	11	115
9	Shirley	0	0	0	0	3	9	23	5	14	19	10	15	98
10	Uhane Nui	3	15	11	8	9	0	8	3	9	9	2	9	86
11	Big Bertha	0	5	6	10	16	3	4	8	5	11	11	6	85
12	Timbuktu	0	15	9	9	14	0	5	3	9	10	1	5	80
13	Sugar Ray	1	7	6	11	18	9	6	2	2	13	0	4	79
14	Ho Ray	4	7	11	10	10	3	0	3	11	8	3	6	76
15	Capt. Mike	2	2	1	7	18	2	14	2	13	4	0	9	74
16	Vallaray	2	0	5	12	8	7	10	9	17	0	0	2	72
17	Capt. Kirk	2	8	1	14	14	1	10	2	16	0	0	3	71
18	Alexander	1	10	1	7	8	1	9	0	9	9	0	5	60
19	Cara Ray	0	0	1	11	13	2	9	0	11	4	0	1	52
20	Teresa	0	2	1	5	8	5	0	0	0	5	11	7	44
21	Delaney	0	0	0	0	1	1	3	5	7	17	3	6	43
22	Curly Ray	0	5	3	4	5	0	7	0	7	5	0	0	36
23	Jana Ray	0	0	0	0	0	0	0	0	0	4	20	12	36
24	Cousteau	0	2	0	8	15	0	3	0	2	3	0	0	33
25	Bob'n'Ray	0	0	0	9	9	2	7	0	4	0	0	1	32
26	Hans Ray	0	1	4	4	5	2	5	5	1	1	0	4	32
27	Margo	0	0	0	0	0	3	4	1	2	0	12	10	32
28	Re-Nata	1	7	1	1	1	1	1	2	10	2	2	2	31
29	Lisa Rae	0	0	0	1	17	1	3	0	5	1	0	2	30
30	Andrea Ray	0	2	0	5	6	0	3	0	7	4	0	2	29
31	Jay Ray	0	7	0	2	2	0	3	1	6	0	1	5	27
32	Spatter	0	0	0	2	5	12	6	0	0	0	0	0	25
33	Isabel	0	0	7	11	6	0	0	0	0	0	0	0	24
34	Rebekah	0	3	0	8	6	0	2	0	4	1	0	0	24
35	Who Ray	0	0	0	4	7	1	3	0	6	0	0	1	22
36	Doug Ray	0	2	0	1	2	0	4	0	5	0	0	4	18
37	Mango	0	1	0	0	7	3	2	1	2	0	1	1	18
38	Salem	0	3	1	0	0	0	0	4	8	0	0	0	16
39	Maluhia	0	0	1	4	5	2	1	1	1	0	0	0	15
40	Linda	0	2	1	0	0	1	0	0	0	2	2	5	13
41	Miki	0	3	0	0	0	0	3	0	2	1	0	4	13
42	Kapono	0	0	2	1	1	4	0	0	0	0	0	4	12
43	Lightning	1	1	0	2	6	0	0	1	1	0	0	0	12
44	Miles	0	0	4	2	3	0	0	1	2	0	0	0	12
45	Ola'i	0	2	0	4	3	0	0	0	2	0	1	0	12
46	Scar	0	5	0	2	4	0	0	0	0	0	1	0	12
47	Weniki	0	0	1	3	6	0	2	0	0	0	0	0	12
48	Jihane	0	0	0	7	2	0	1	0	0	0	0	0	10
49	Kegan	0	0	0	0	5	0	2	1	0	0	0	2	10
50	Hook	0	0	0	2	4	0	0	0	3	0	0	0	9
51	Abigail	0	0	0	2	4	0	2	0	0	0	0	0	8
52	Knight	0	8	0	0	0	0	0	0	0	0	0	0	8
53	Mac Ray	0	0	0	0	0	0	0	0	1	2	3	2	8
54	Ralph's Ray	0	0	0	0	0	0	0	0	0	4	1	3	8
55	Hayden Ray	0	0	0	0	2	0	0	0	4	1	0	0	7
56	X-Ray	0	1	0	2	2	0	1	0	0	1	0	0	7
57	Takahashi Ray	0	0	1	1	1	2	0	1	0	0	0	0	6
58	Stevie	0	0	0	0	1	0	0	0	2	2	0	0	5
59	Johnny Ray	0	0	0	2	0	0	0	0	0	0	0	2	4
60	Reece	0	0	0	0	0	0	0	0	0	0	0	4	4
61	BooBoo	0	0	0	0	0	1	0	1	0	0	0	0	2
62	Emma	0	1	0	1	0	0	0	0	0	0	0	0	2
63	Ripple	0	0	0	0	0	2	0	0	0	0	0	0	2
64	Tim	0	0	0	0	0	0	2	0	0	0	0	0	2
65	"W"	0	0	0	0	2	0	0	0	0	0	0	0	2
66	Independence Ray	0	0	0	0	0	1	0	0	0	0	0	0	1
67	J9	0	0	0	0	0	0	1	0	0	0	0	0	1
68	Ke'kai'malu	0	0	0	0	0	0	0	0	0	1	0	0	1
69	Nick	0	0	0	0	0	0	1	0	0	0	0	0	1
70	Sparrow	0	0	0	0	0	0	0	0	0	0	0	1	1
71	Tessa	0	0	0	0	0	1	0	0	0	0	0	0	1
72	Walsh Ray	0	0	0	0	0	0	0	0	1	0	0	0	1



Manta Ray Sightings by Individual at "Manta Heaven" and "Manta Village" in 2011

Kona Coast, Big Island of Hawaii, USA

- alphabetical order -

Legend: Female Manta Ray
Male Manta Ray

"TOP 3" Manta Rays 2011
"TOP 3" Manta Ray of the month

New ID's in 2011

2011		January	February	March	April	May	June	July	August	September	October	November	December	Σ
1	Abigail	0	0	0	2	4	0	2	0	0	0	0	0	8
2	Alexander	1	10	1	7	8	1	9	0	9	9	0	5	60
3	Andrea Ray	0	2	0	5	6	0	3	0	7	4	0	2	29
4	Big Bertha	0	5	6	10	16	3	4	8	5	11	11	6	85
5	Blain Ray	6	15	13	16	16	6	18	11	17	19	9	18	164
6	Bob'n'Ray	0	0	0	9	9	2	7	0	4	0	0	1	32
7	BooBoo	0	0	0	0	0	1	0	1	0	0	0	0	2
8	Capt. Kirk	2	8	1	14	14	1	10	2	16	0	0	3	71
9	Capt. Mike	2	2	1	7	18	2	14	2	13	4	0	9	74
10	Cara Ray	0	0	1	11	13	2	9	0	11	4	0	1	52
11	Cousteau	0	2	0	8	15	0	3	0	2	3	0	0	33
12	Curly Ray	0	5	3	4	5	0	7	0	7	5	0	0	36
13	Delaney	0	0	0	0	1	1	3	5	7	17	3	6	43
14	Doug Ray	0	2	0	1	2	0	4	0	5	0	0	4	18
15	Emma	0	1	0	1	0	0	0	0	0	0	0	0	2
16	Grayer	7	16	3	18	27	2	19	6	19	19	8	16	160
17	Hans Ray	0	1	4	4	5	2	5	5	1	1	0	4	32
18	Hayden Ray	0	0	0	0	2	0	0	0	4	1	0	0	7
19	Ho Ray	4	7	11	10	10	3	0	3	11	8	3	6	76
20	Hook	0	0	0	2	4	0	0	0	3	0	0	0	9
21	Independence Ray	0	0	0	0	0	1	0	0	0	0	0	0	1
22	Isabel	0	0	7	11	6	0	0	0	0	0	0	0	24
23	Jana Ray	0	0	0	0	0	0	0	0	0	4	20	12	36
24	Jay Ray	0	7	0	2	2	0	3	1	6	0	1	5	27
25	Jihane	0	0	0	7	2	0	1	0	0	0	0	0	10
26	Johnny Ray	0	0	0	2	0	0	0	0	0	0	0	2	4
27	J9	0	0	0	0	0	0	1	0	0	0	0	0	1
28	Kailey Ray	17	21	14	13	11	0	9	14	16	22	24	22	183
29	Kapono	0	0	2	1	1	4	0	0	0	0	0	4	12
30	Kegan	0	0	0	0	5	0	2	1	0	0	0	2	10
31	Ke'kai'malu	0	0	0	0	0	0	0	0	0	1	0	0	1
32	Knight	0	8	0	0	0	0	0	0	0	0	0	0	8
33	Koie Ray	6	15	18	17	30	12	25	15	18	21	9	22	208
34	Lefty	3	12	1	14	24	12	12	12	15	9	4	14	132
35	Lightning	1	1	0	2	6	0	0	1	1	0	0	0	12
36	Linda	0	2	1	0	0	1	0	0	0	2	2	5	13
37	Lisa Rae	0	0	0	1	17	1	3	0	5	1	0	2	30
38	Mac Ray	0	0	0	0	0	0	0	0	1	2	3	2	8
39	Maluhia	0	0	1	4	5	2	1	1	1	0	0	0	15
40	Mango	0	1	0	0	7	3	2	1	2	0	1	1	18
41	Margo	0	0	0	0	0	3	4	1	2	0	12	10	32
42	Melainah	10	10	18	9	23	4	12	13	12	8	13	11	143
43	Miki	0	3	0	0	0	0	3	0	2	1	0	4	13
44	Miles	0	0	4	2	3	0	0	1	2	0	0	0	12
45	Nick	0	0	0	0	0	0	1	0	0	0	0	0	1
46	Ola'i	0	2	0	4	3	0	0	0	2	0	1	0	12
47	Ralph's Ray	0	0	0	0	0	0	0	0	0	4	1	3	8
48	Rebekah	0	3	0	8	6	0	2	0	4	1	0	0	24
49	Reece	0	0	0	0	0	0	0	0	0	0	0	4	4
50	Re-Nata	1	7	1	1	1	1	1	2	10	2	2	2	31
51	Ripple	0	0	0	0	0	2	0	0	0	0	0	0	2
52	Salem	0	3	1	0	0	0	0	4	8	0	0	0	16
53	Scar	0	5	0	2	4	0	0	0	0	0	1	0	12
54	Shirley Ray	0	0	0	0	3	9	23	5	14	19	10	15	98
55	Sparrow	0	0	0	0	0	0	0	0	0	0	0	1	1
56	Spatter	0	0	0	2	5	12	6	0	0	0	0	0	25
57	Stevie	0	0	0	0	1	0	0	0	2	2	0	0	5
58	Sugar Ray	1	7	6	11	18	9	6	2	2	13	0	4	79
59	Takahashi Ray	0	0	1	1	1	2	0	1	0	0	0	0	6
60	Teresa	0	2	1	5	8	5	0	0	0	5	11	7	44
61	Tessa	0	0	0	0	0	1	0	0	0	0	0	0	1
62	Tim	0	0	0	0	0	0	2	0	0	0	0	0	2
63	Timbuktu	0	15	9	9	14	0	5	3	9	10	1	5	80
64	Uhane Nui	3	15	11	8	9	0	8	3	9	9	2	9	86
65	Vallaray	2	0	5	12	8	7	10	9	17	0	0	2	72
66	Vicky	4	15	12	14	19	7	17	10	15	17	4	9	143
67	Vinny Ray	5	18	14	12	23	1	7	0	12	11	1	11	115
68	Walsh Ray	0	0	0	0	0	0	0	0	1	0	0	0	1
69	"W"	0	0	0	0	2	0	0	0	0	0	0	0	2
70	Weniki	0	0	1	3	6	0	2	0	0	0	0	0	12
71	Who Ray	0	0	0	4	7	1	3	0	6	0	0	1	22
72	X-Ray	0	1	0	2	2	0	1	0	0	1	0	0	7



Number of Manta Ray Sightings by Day and Month at "Manta Heaven" and "Manta Village" in 2011

Kona Coast, Big Island of Hawaii, USA

Legend: Highest Number of Sightings during the month Highest Number of Sightings in 2011

Table for JANUARY 2011 showing sightings by day for Manta Heaven (North), Manta Village (South), and a Summary row. Includes Lunar Phase information.

Table for FEBRUARY 2011 showing sightings by day for Manta Heaven (North), Manta Village (South), and a Summary row. Includes Lunar Phase information.

Table for MARCH 2011 showing sightings by day for Manta Heaven (North), Manta Village (South), and a Summary row. Includes Lunar Phase information.

Table for APRIL 2011 showing sightings by day for Manta Heaven (North), Manta Village (South), and a Summary row. Includes Lunar Phase information.

Table for MAY 2011 showing sightings by day for Manta Heaven (North), Manta Village (South), and a Summary row. Includes Lunar Phase information.

Table for JUNE 2011 showing sightings by day for Manta Heaven (North), Manta Village (South), and a Summary row. Includes Lunar Phase information.

Table for JULY 2011 showing sightings by day for Manta Heaven (North), Manta Village (South), and a Summary row. Includes Lunar Phase information.

Table for AUGUST 2011 showing sightings by day for Manta Heaven (North), Manta Village (South), and a Summary row. Includes Lunar Phase information.

Table for SEPTEMBER 2011 showing sightings by day for Manta Heaven (North), Manta Village (South), and a Summary row. Includes Lunar Phase information.

Table for OCTOBER 2011 showing sightings by day for Manta Heaven (North), Manta Village (South), and a Summary row. Includes Lunar Phase information.

Table for NOVEMBER 2011 showing sightings by day for Manta Heaven (North), Manta Village (South), and a Summary row. Includes Lunar Phase information.

Table for DECEMBER 2011 showing sightings by day for Manta Heaven (North), Manta Village (South), and a Summary row. Includes Lunar Phase information.



**"Ratio of Charters to Successful Manta Ray Sightings" (Success Rate)
and "Average Number of Sightings"**

at "Manta Heaven" and "Manta Village" in 2011

Kona Coast, Big Island of Hawaii, USA

2011	Success Rate	actual charters	How many times did we get skunked?	How many nights did we see Manta Rays?	no info available	Average Number of Sightings based on actual charter	possible charters
Manta Heaven (North)	88%	345	39	306	20	7	365
Manta Village (South)	88%	266	34	232	99	2	365
JANUARY 2011							
Manta Heaven (North)	68%	19	6	13	12	3	31
Manta Village (South)	100%	17	0	17	14	2	31
FEBRUARY 2011							
Manta Heaven (North)	92%	24	2	22	4	9	28
Manta Village (South)	91%	23	2	21	5	1	28
MARCH 2011							
Manta Heaven (North)	97%	30	1	29	1	9	31
Manta Village (South)	100%	19	0	19	12	2	31
APRIL 2011							
Manta Heaven (North)	83%	30	5	25	0	9	30
Manta Village (South)	88%	17	2	15	13	3	30
MAY 2011							
Manta Heaven (North)	100%	31	0	31	0	13	31
Manta Village (South)	93%	14	1	13	17	3	31
JUNE 2011							
Manta Heaven (North)	73%	30	8	22	0	3	30
Manta Village (South)	71%	24	7	17	6	2	30
JULY 2011							
Manta Heaven (North)	100%	31	0	31	0	8	31
Manta Village (South)	64%	25	9	16	6	1	31
AUGUST 2011							
Manta Heaven (North)	90%	31	3	28	0	3	31
Manta Village (South)	81%	26	5	21	5	3	31
SEPTEMBER 2011							
Manta Heaven (North)	93%	30	2	28	0	9	30
Manta Village (South)	82%	22	4	18	8	2	30
OCTOBER 2011							
Manta Heaven (North)	93%	30	2	28	1	8	31
Manta Village (South)	92%	24	2	22	7	2	31
NOVEMBER 2011							
Manta Heaven (North)	72%	29	8	21	1	2	30
Manta Village (South)	100%	29	0	29	1	3	30
DECEMBER 2011							
Manta Heaven (North)	93%	30	2	28	1	7	31
Manta Village (South)	92%	26	2	24	5	3	31

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"Travelers" between "Manta Heaven" and "Manta Village" in 2011
 Kona Coast, Big Island of Hawaii, USA

Each count equals a travel of approx. 14 miles between the sites within 24-96 h

2011		January	February	March	April	May	June	July	August	September	October	November	December	Σ
1	Big Bertha					1			3				1	5
2	Delaney								2					2
3	Hans Ray			1										1
4	Isabel				1									1
5	Kapono												1	1
6	Koie				2	1	1		3	4		2	2	15
7	Lefty					2	3		2	1			2	10
8	Mango					3								3
9	Melainah	3	2	1	1	3	2		3	1	1	1	2	20
10	Reece												1	1
11	Re-Nata		1							2				3
12	Scar				1									1
13	Sugar				1		2							3
14	Teresa				1	2							1	4
15	Vallaray			1	1				1	4			1	8
16	Vicky						1	2		2				5



Total Number of Individual Manta Rays seen during the Night Dive per month in 2011

Kona Coast, Big Island of Hawaii, USA

2011	Total Number of Individual Manta Rays seen each month during Night Dive
January	17
February	35
March	30
April	46
May	51
June	34
July	43
August	29
September	44
October	35
November	25
December	41