

MBARA Diver's Reef Survey Form

Updated 25 Oct 2010

Reef Number/Name: MB-23 Jim Taylor Memorial Reef

Position: 29 54.861 85 23.094

GPS manufacturer & model: Garmin 188C

Sonar Depth: 54 ft

Survey Date & Time: 31 Oct 2010, 1600

Weather conditions and sea state: Calm & Sunny

Boat Name: Bobcat

Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Depth Gauge Depth: 55 ft

Diver Bottom Time: :45

Water Temp: Surface: 75F Bottom: 72F

Water Visibility: Surface: 20 ft Bottom: 10 ft

Thermocline Depth:

Current direction and speed:

Other water column characteristics (plankton, algae, jellyfish, turbidity):

Bottom Composition (sand, silt, mud, gravel, shell, etc):

Reef Materials & Quantity: Three 4-ft high pyramids, concrete

Reef Highest Point: 4 ft

Physical Condition (Durability, stability, storm damage, other damage or movement): good

Marine Amphibians:

Species	Quantity	Size	Color
Turtle, Loggerhead			
Turtle, Green			
Turtle, Leatherback			
Turtle, Species?			

Fish Count:

Species:	Quantity	Size
Angelfish, Queen		
Angelfish, Blue		
Barracuda - Guaguanche		
Barracuda-Great		
Batfish, Polka-Dot		
Blenny, Molly Miller		
Blenny, Seaweed	15	2"
Blenny?		
Butterflyfish, Spotfin		
Butterflyfish?		
Cardinalfish, Two-Spot		
Cobia (Ling)		
Cowfish, Scrawled		
Chromis - Purple Reeffish		
Chromis - Yellowtail Reeffish		
Damselfish - Cocoa	8	1-2"
Damselfish?		
Dolphin?		
Drum , Cubbyu	8	8"
Drum, Jackknifefish		
Eel?		
Flounder, Gulf		
Frogfish, Ocellated		
Goby, Spotted		
Goby?		
Grouper, Gag	10	10-16"
Grouper, Goliath		
Grouper, Red		
Grouper, Rock Hind		
Grouper, Scamp		
Grunt, Tomtate	300	2"
Grunt , White		
Grunt?		

Jack, Almaco (Lesser)		
Jack – Blue Runner		
Jack - Greater Amberjack		
Jack, Lookdown		
Jack, Rainbow Runner		
Jack, Round Scad	1,000+	2-5"
Jack?		
Lizardfish, Blue-Lined		
Mackeral, King		
Mackeral, Spanish	10	20"
Mahi		
Pinfish		
Porgy?		
Porgy - Sheepshead		
Puffer, Bandtail		
Puffer, Sharpnose		
Puffer, Striped Burrfish	1	10"
Ray?		
Sharksucker, whitefin	2	15"
Sand Perch		
Seabass, Bank		
Seabass, Belted Sandfish	6	1"
Seabass, Pygmy	1	1"
Snapper, Gray (Black)		
Snapper, Lane	1	1"
Snapper, Red	100	12-24"
Snapper, Vermillion	100+	2-3"
Snapper?		
Soapfish, Whitespotted	1	6"
Spadefish, Atlantic		
Toadfish, Leopard		
Triggerfish, Gray	20	16"
Wrasse - Slippery Dick		
Glass Minnows		
Shark?		

Growth on Reef (Include names if known):

Species	Quantity/Area of Coverage (% of area or dimensions)	Size	Color
Algae			
Barnacles	50%		
Feather Duster worms			
Anemone			
Coral - White Telesto			
Coral - Colorful Sea Whip			
Coral - gorgonian			
Hydroids	20%		
Hard Coral			
Tunicate, sea pork	1	3"	orange
Tunicate, bell shaped	1	3"	clear
Sponges			

Invertebrates on Reef (Names if known):

Species	Quantity	Size
Cowry – West Indian Simnia		
Cowry - Spotted Cyphoma		
Crab, Stone		
Crab, Sargassum Swimming		
Crab, Stareye Hermit		
Crab, Yellowline Arrow		
Crab, Giant Hermit	1	3"
Lobster, Shovelnose		
Lobster, Spiny		
Sea Cucumber		
Sea Slug		
Sea Star, brittle star	2	3"
Sea Urchin		
Snail - Atlantic Hairy Triton		
Snail - Murex		
Snail - Netted Olive		
Snail- Florida Horse Conch	1	8"

Other Observations/Photos:







