

MBARA Diver's Reef Survey Form

Updated 10 May 2011

Reef Number/Name: MB 17, Mike Neal Memorial Reef #15

Position: LAT: 29 53.920 LON: 85 30.733

GPS manufacturer & model: Furuno 932

Sonar Depth: 41 ft

Survey Date & Time: 12 May 2011, 1045

Weather conditions and sea state: Sunny, 1-ft seas

Boat Name: Big Time

Boat Captain: John Lee

Dive Leader: Ron Childs

Dive Team Members: John Lee, Ron Childs, Brad Timmons

Depth Gauge Depth: 41 ft

Diver Bottom Time: 15 min

Water Temp: Surface: 76F Bottom: 74F

Water Visibility: Surface: 80 ft Bottom: 60 ft

Thermocline Depth: na

Current direction and speed: na

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

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

Reef Materials & Quantity: 5 Reef Balls

Reef Highest Point: 4 ft

Physical Condition (Durability, stability, storm damage, other damage or movement): Excellent but sunk halfway down in sand. Little growth except barnacles, very little life

Turtles:

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

Fish Count: **1** = Single, **2+** = 2 to 9, **10+** = 10 to 99, **100+** = 100 and above

Species:	Count	Size
Angelfish, Queen		
Angelfish, Blue		
Barracuda - Guaguanche		
Barracuda-Great		
Batfish, Polka-Dot		
Blenny, Molly Miller		
Blenny, Seaweed		
Blenny?		
Butterflyfish, Spotfin		
Butterflyfish?		
Cardinalfish, Two-Spot		
Cobia (Ling)		
Cowfish, Scrawled		
Chromis - Purple Reeffish		
Chromis - Yellowtail Reeffish		
Damselfish - Cocoa		
Damselfish?		
Dolphin?		
Drum , Cubbyu		
Drum, Jackknifefish		
Eel?		
Flounder, Gulf		
Frogfish, Ocellated		
Goby, Spotted		
Goby?		
Grouper, Gag	2+	6"
Grouper, Goliath		
Grouper, Red		
Grouper, Rock Hind		
Grouper, Scamp		
Grunt, Tomtate		
Grunt , White		

Grunt?		
Jack, Almaco (Lesser)		
Jack – Blue Runner		
Jack - Greater Amberjack		
Jack, Lookdown		
Jack, Rainbow Runner		
Jack, Round Scad		
Jack?		
Lizardfish?		
Mackeral, King		
Mackeral, Spanish		
Mahi		
Pinfish		
Porgy - Saucereye		
Porgy – Sheepshead Porgy		
Porgy - Sheepshead		
Porgy?		
Puffer, Bandtail		
Puffer, Sharpnose		
Puffer?		
Ray?		
Sharksucker		
Sand Perch		
Seabass, Bank	2+	6"
Seabass, Belted Sandfish		
Seabass, Pygmy		
Seabass?		
Snapper, Gray (Black)		
Snapper, Lane		
Snapper, Red		
Snapper, Vermillion		
Snapper?		
Soapfish, Whitespotted		
Spadefish, Atlantic	10+	6-8"
Toadfish, Leopard		
Triggerfish, Gray	2+	6"
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	90%		brown
Feather Duster worms			
Anemone			
Coral - White Telesto			
Coral - Colorful Sea Whip			
Coral - gorgonian			
Hard Coral			
Bivalves			
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		
Lobster, Shovelnose		
Lobster, Spiny		
Sea Cucumber		
Sea Slug		
Sea Star		
Sea Urchin		
Snail - Atlantic Hairy Triton		
Snail - Murex		
Snail - Netted Olive		
Snail- Florida Horse Conch		

Other Observations/Photos: