

MBARA F k x Reef Survey Form

Updated 11 July 2010

Reef Site Name: MB 29 Concrete Mixer #2

Position Readings:

GPS Manufacturer & model:

N Lat.: 29 54.122 W Lon.: 85 32.410

Sonar Depth: 7 ; \emptyset

Survey Date & Time: 23 Jul 2010/1200

Weather conditions and sea state: Clear/Calm

Boat Name: Bobcat

Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Diver Observations

Computer/Depth Gauge Depth: 8 3 \emptyset

Diver Bottom Time on Survey: :20

Water Temp: Surface: 86F Bottom: 80F

Water Visibility: Surface: 4 2 Bottom: 3 2 \emptyset

Thermocline Depth: 6 2 \emptyset

Current direction and speed: From W @1kt

Other noted water column characteristics (plankton, algae, jellyfish, turbidity, etc): Jellyfish and turbidity.

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

Sand

Description of Reef Materials & Quantity: Complete Steel Concrete Mixer Drum from a Truck.

Reef Height (highest point): 8 \emptyset

Reef Physical Condition (Durability and Stability): Excellent

Storm damage or movement? If yes, describe: None

Other damage or movement? If yes, describe: None

Fish Count:

Species:	Quantity	Size
Angelfish, Queen		
Angelfish, Blue		
Baitfish Round Scad (Cigar Minnows)	500	
Baitfish Glass Minnow (Bay Anchovy)	100	
Baitfish Menhaden		
Baitfish Pinfish		
Baitfish, species?		
Barracuda Guaguanche		
Barracuda Great		
Batfish, Polka dot		
Blenny, Molly Miller		
Blenny, Seaweed	5	
Blenny, Tessallated		
Bonito		
Butterflyfish, Reef		
Butterflyfish, Spotfin		
Cardinalfish, Twospot	5	1-
Cobia (Ling)		
Cowfish, Scrawled		
Croaker, Atlantic		
Chromis Purple Reef fish		
Chromis Yellowtail Reef fish		
Damselfish Cocoa	3	
Damselfish sp?		
Dolphin, sp?		
Drum- Cubbyu		
Eel, species?		
Flounder, Gulf		
Frogfish, Ocellated		
Goby, Blue		
Goby, Bridled		
Goby, species?		
Grouper, Gag	6	14-
Grouper, Goliath		
Grouper, Red		
Grouper, Rock Hind		

Grouper, Scamp		
Grunt-Tomtate	1,000	1-
Grunt, White		
Grunt, sp?		
Jack Blue Runner (Hard Tail)		
Jack-Greater Amberjack		
Jack sp?		
Jack, Almaco (Lesser)		
Jack, Lookdown		
Jack, Rainbow Runner		
Lizardfish, Blue lined		
Mackerel, King		
Mackerel, Spanish		
Mahi		
Margate Black		
Porgy, Saucereye	10	8-
Porgy-Sheepshead	1	
Puffer Balloonfish		
Puffer, Sharpnose		
Ray, Manta		
Ray, Southern Stingray		
Remora (Sharksucker)		
Sailfish		
Seabass, Bank		
Seabass, Belted Sandfish	5	
Shark, sp		
Snapper Bigeye		
Snapper, Gray (Black)	4	10-
Snapper, Red	30	10-
Snapper, Vermillion (Mingo)		
Soapfish, Whitespotted		
Spadefish, Atlantic	6	
Toadfish, Leopard		
Triggerfish, Gray	1	
Wrasse Slippery Dick	5	1-

Other:

Description of Biological Growth on Reef:

Species	Quantity/Area of Coverage (% of area or dimension)	Size	Color
Algae			
Barnacles	30%		
Christmas Tree Worm			
Coral- Colorful Sea Whip			
Coral- unkgorgonian			
Coral- White Telesto			
BulbAnemone			
Tube Anemone			
Hard Corals Assorted	30%		
Mussels			
Oyster, sp			
Scallop sp?			
Sponges	30%		Purp/Grn/Or

Other:

Description of Invertebrates on Reef:

Species	Quantity	Size
Cowry Atlantic Deer		
Cowry Spotted Cyphoma		
Crab, Blue		
Crab, Rock		
Crab, Sargassum Swimming		
Crab, Stareye Hermit		
Crab, Yellowline Arrow	1	
Crab, species?		
Lobster, Shovelnose		
Lobster, sp		
Sea Cucumber	2	
Sea Slug, Species?		
Sea Urchin		
Snail- Atlantic Harityiton		
Snail- Giant Eastern Murex		
Snail- Netted Olive		
Snail- Queen Helmet		
Snail- Spiny Murex		
Snail- True Tulip		
Snail Florida Horse Conch		
Invertebrate, species?		

Other:

Marine Amphibians:

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

Other:

Other Observations:



