

MBARA Diver's Reef Survey Form

Updated 8 Aug 2010

Reef Site Name: MB 25 Jerry Combs

Position Readings:

GPS Manufacturer & model: Garmin 188C

N Lat.: 29 53.968

W Lon.: 85 31.614

Sonar Depth: 51'

Survey Date & Time: 12 Sep 2010/1430

Weather conditions and sea state: Sunny/2-3'

Boat Name: BobCat

Boat Captain: Bob Cox

Dive Leader: Bob Cox

Dive Team Members: Carol Cox

Diver Observations

Computer/Depth Gauge Depth: 53'

Diver Bottom Time on Survey: 1:20

Water Temp: Surface: 86F Bottom: 80F

Water Visibility: Surface: 50' Bottom: 70'

Thermocline Depth: None

Current direction and speed: None

Other noted water column characteristics (plankton, algae, jellyfish, turbidity, etc): Clear with small jellyfish

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

Sand

Description of Reef Materials & Quantity: 100 ton of culverts

Reef Height (highest point): 4'

Reef Physical Condition (Durability and Stability): Good. Much of the material has appeared to have subsided.

Storm damage or movement? If yes, describe: None

Other damage or movement? If yes, describe: Net on the reef

Fish Count:

Species:	Quantity	Size
Angelfish, Queen	1	1"
Angelfish, Blue	5	1"
Baitfish - Round Scad (Cigar Minnows)	1000+	2-3"
Baitfish - Glass Minnow (Bay Anchovy)	1000+	1-2"
Baitfish - Menhaden		
Baitfish - Pinfish		
Baitfish, species?		
Barracuda - Guaguanche		
Barracuda-Great		
Batfish, Polka-Dot		
Blenny, Molly Miller		
Blenny, Seaweed	30	1-2"
Blenny, Tessallated		
Bonito		
Butterflyfish, Reef		
Butterflyfish, Spotfin	5	1-3"
Cardinalfish, Two-Spot	4	2"
Cobia (Ling)		
Cowfish, Scrawled		
Croaker, Atlantic		
Chromis - Purple Reeffish		
Chromis - Yellowtail Reeffish		
Damselfish - Cocoa	30	.5-2"
Damselfish sp?		
Dolphin, sp?		
Drum - Cubbyu	4	3"
Eel, species?		
Flounder, Gulf	5	9-16"
Frogfish, Ocellated		
Goby, Blue		
Goby, Bridled		
Goby, Seminole	6	2"
Grouper, Gag		
Grouper, Goliath		
Grouper, Red		
Grouper, Rock Hind		
Grouper, Scamp		
Grunt - Tomtate	1000+	1-9"

Grunt, White		
Grunt, sp?		
Jack - Blue Runner (Hard Tail)		
Jack - Greater Amberjack	20	12-14"
Jack sp?		
Jack, Almaco (Lesser)		
Jack, Lookdown		
Jack, Rainbow Runner		
Lizardfish, Blue-Lined		
Mackeral, King		
Mackeral, Spanish		
Mahi		
Margate, Black		
Porgy, Saucereye	4	12"
Porgy - Sheepshead		
Puffer - Balloonfish		
Puffer, Sharpnose		
Ray, Manta		
Ray, Southern Stingray		
Remora (Sharksucker)	4	8-24"
Sailfish		
Seabass, Bank		
Seabass, Belted Sandfish	50	1-3"
Shark, sp?		
Snapper, Lane	1	14"
Snapper, Gray (Black)		
Snapper, Red	100	1-16" 98% Juveniles
Snapper, Vermillion (Mingo)	100	2-3"
Soapfish, Whitespotted	10	4-6"
Spadefish, Atlantic		
Toadfish, Leopard		
Triggerfish, Gray	10	10-14"
Wrasse - Slippery Dick	50	1-4"

Other:

Pygmy Seabass	1	1"
Scorpionfish	1	3"
Planehead Filefish	1	1"
Razorfish unk	6	2"

Description of Biological Growth on Reef:

Species	Quantity/Area of Coverage (% of area or dimensions)	Size	Color
Algae			
Barnacles			
Christmas Tree Worm			
Coral - Colorful Sea Whip	10%	1-2'	Reddish
Coral - unk gorgonian	5%	12"	Red
Coral - White Telesto			
Anemone	1	4"	
Tube Anemone			
Hard Corals-Assorted			
Mussels			
Oyster, Purse	20	3"	
Scallops sp?			
Sponges	5%	1"	Wht

Other: Tube Worms 50 1"

Description of Invertebrates on Reef:

Species	Quantity	Size
Cowry - Atlantic Deer		
Cowry - Spotted Cyphoma		
Cowry, West Indian Simnia	5	.5"
Crab, Blue		
Crab, Rock		
Crab, Sargassum Swimming		
Crab, Stareye Hermit		
Crab, Yellowline Arrow	40	1-3"
Crab, species?		
Lobster, Shovelnose		
Lobster, Spiny		
Sea Cucumber	1	14"
Sea Slug, Species?		
Sea Urchin	50	3"
Snail - Atlantic Harry Triton	1	2"
Snail - Giant Eastern Murex		
Snail - Netted Olive		
Snail - Queen Helmet		
Snail - Spiny Murex		
Snail - True Tulip		
Snail- Florida Horse Conch	1	8"
Invertebrate, species?		

Other: Banded Coral Shrimp 2 2-3"
 Fireworms 6 4-6"
 Octopus 2 12-16"

Marine Amphibians:

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

Other:

Other Observations:

















