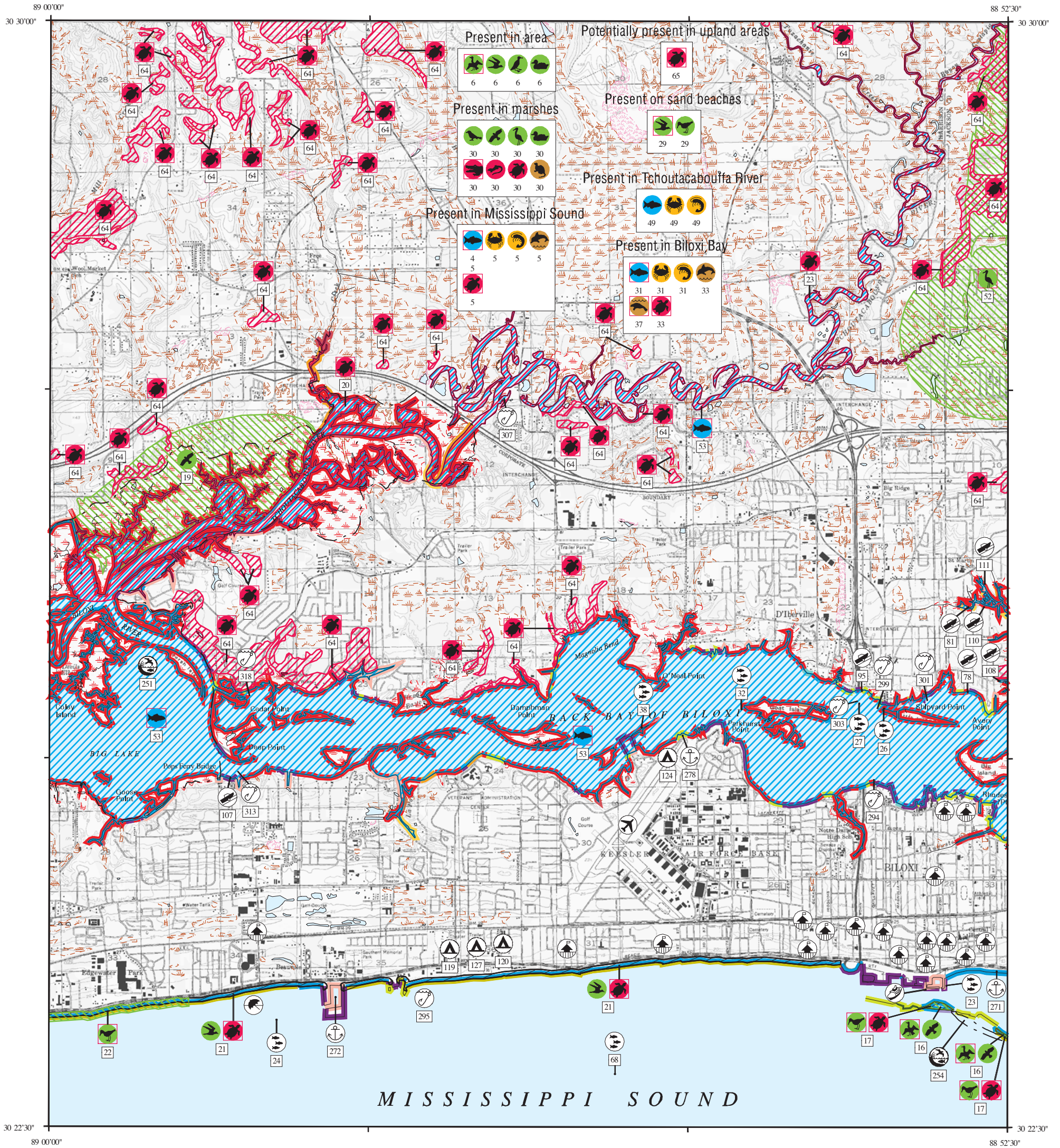


# ENVIRONMENTAL SENSITIVITY INDEX MAP

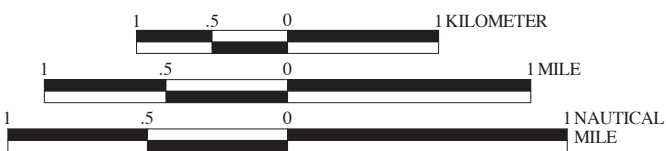


## SHORELINE HABITATS (ESI)

- 1B EXPOSED, SOLID MAN- MADE STRUCTURES
- 2A EXPOSED WAVE- CUT PLATFORMS IN MUD OR CLAY
- 2B EXPOSED SCARPS AND STEEP SLOPES IN CLAY
- 3A FINE- TO MEDIUM- GRAINED SAND BEACHES
- 3B SCARPS AND STEEP SLOPES IN SAND
- 5 MIXED SAND AND GRAVEL BEACHES
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED SCARPS IN MUD OR CLAY
- 8B SHELTERED, SOLID MAN- MADE STRUCTURES
- 8C SHELTERED RIPRAP
- 9A SHELTERED TIDAL FLATS
- 9B SHELTERED, VEGETATED LOW BANKS
- 10A SALT- AND BRACKISH- WATER MARSHES
- 10B FRESHWATER MARSHES
- 10C SWAMPS
- 10D SCRUB- SHRUB WETLANDS

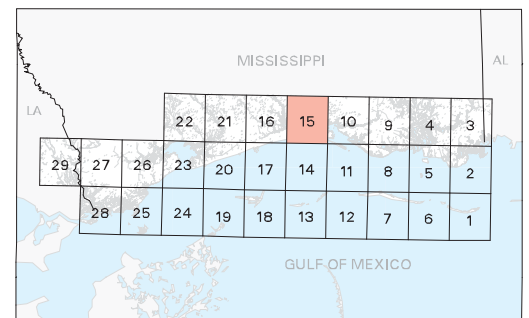


SCALE 1:50000



Not For Navigation  
Published: December 2009

Published at Seattle, Washington  
National Oceanic and Atmospheric Administration  
National Ocean Service  
Office of Response and Restoration  
Emergency Response Division







**Mississippi: ESIMAP 15 (cont.)**

**BIOLOGICAL RESOURCES: (cont.)**

**FISH: (cont.)**

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
49	Sheepshead minnow		X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	APR-OCT	APR-NOV	MAY-SEP DEC-MAR	JAN-DEC
	Shiners		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Silver perch		X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-SEP	MAY-SEP	JAN-DEC	JAN-DEC
	Skipjack herring		X	X	X	X						X	X		MAR-APR	-	-	-	-
	Southern flounder		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Spot		X	X	X	X	X	X	X	X	X	X	X	X	-	-	DEC-MAY	JAN-DEC	MAR-OCT
	Spotted seatrout		X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC
	Spotted sunfish		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Striped anchovy				X	X	X	X	X	X	X	X	X	X	MAY-AUG	MAY-AUG	APR-AUG	APR-DEC	-
	Striped bass				X	X								X	APR-JUN	-	-	-	-
	Striped mullet		X	X	X	X	X	X	X	X	X	X	X	X	NOV-MAY	NOV-MAY	NOV-MAY	JAN-DEC	JAN-DEC
	White mullet		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
53	Gulf sturgeon	E T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-MAY	FEB-DEC	MAR-NOV

**INVERTEBRATE:**

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
5	Blue crab		X	X	X	X	X	X	X	X	X	X	X	X	MAY-NOV	MAY-NOV	MAY-NOV	-	JAN-DEC
	Brown shrimp		X	X	X	X	X	X	X	X	X	X	X	X	-	-	FEB-NOV	-	JAN-DEC
	Horseshoe crab		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Pink shrimp		X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-NOV	-	JAN-DEC
	Stone crab		X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-OCT	APR-OCT	JAN-DEC
	White shrimp		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
31	Blue crab		X	X	X	X	X	X	X	X	X	X	X	X	MAY-NOV	MAY-NOV	MAY-NOV	MAY-NOV	JAN-DEC
	Brown shrimp		X	X	X	X	X	X	X	X	X	X	X	X	-	-	FEB-NOV	FEB-NOV	JAN-DEC
	Pink shrimp		X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-NOV	APR-NOV	JAN-DEC
	Stone crab		X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-OCT	APR-OCT	JAN-DEC
	White shrimp		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAR-NOV	JAN-DEC
49	Blue crab				X	X	X	X	X	X	X	X	X	X	MAY-NOV	MAY-NOV	MAY-NOV	MAY-NOV	MAY-NOV
	Brown shrimp		X	X	X	X	X	X	X	X	X	X	X	X	-	-	FEB-NOV	FEB-NOV	FEB-NOV
	Pink shrimp		X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-NOV	APR-NOV	APR-NOV
	White shrimp		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAR-NOV	MAR-NOV

**MARINE MAMMAL:**

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
5	Bottlenose dolphin		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
33	Bottlenose dolphin		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
37	West Indian manatee	E E		X	X	X	X	X	X	X	X	X	X	X	-	-	-	-

**REPTILE:**

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Interesting	Juveniles	Adults
5	Kemp's ridley sea turtle	E E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Loggerhead sea turtle	E T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
17	Loggerhead sea turtle	E T LOW			X	X	X	X	X	X	X	X	X	X	MAY-SEP	JUN-OCT	-	-	MAY-SEP
20	Alabama red-bellied turtle	E E	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-	JAN-DEC	-
21	Loggerhead sea turtle	E T LOW			X	X	X	X	X	X	X	X	X	X	MAY-SEP	JUN-OCT	-	-	MAY-SEP
23	Alligator snapping turtle	C	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
30	American alligator	T T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Diamondback terrapin		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Gulf salt marsh snake		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
33	Kemp's ridley sea turtle	E E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Loggerhead sea turtle	E T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
64	Gopher tortoise	E T MED-HIGH PROBABILITY	X	X	X	X	X	X	X	X	X	X	X	X	MAY-OCT	-	-	-	-
65	Gopher tortoise	E T LOW PROBABILITY	X	X	X	X	X	X	X	X	X	X	X	X	MAY-OCT	-	-	-	-

**TERRESTRIAL MAMMAL:**

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D
30	Muskkrat		X	X	X	X	X	X	X	X	X	X	X	X
	Northern river otter		X	X	X	X	X	X	X	X	X	X	X	X

**HUMAN USE RESOURCES:**

**ARTIFICIAL REEF:**

HUN#	Name	Contact	Phone
23	BILOXI HARBOR REEF	MDMR	228/523-4078
24	BROADWATER HARBOR REEF	MDMR	228/523-4078
26	D'IBERVILLE BRIDGE REEF	MDMR	228/523-4078
27	D'IBERVILLE MARINA REEF	MDMR	228/523-4078
32	GOAT ISLAND REEF	MDMR	228/523-4078
38	KEESLER HARBOR REEF	MDMR	228/523-4078
68	WHITEHOUSE REEF	MDMR	228/523-4078

**BOAT RAMP:**

HUN#	Name	Contact	Phone
78	BILOXI BAY BOAT RAMP	JACKSON COUNTY	228/826-5330
81	BRITTANY AVE BOAT RAMP	JACKSON COUNTY	228/826-5330
95	I-110 BOAT RAMP & FISHING PIER	CITY OF D'IBERVILLE	228/392-7966
107	POPPS FERRY CAUSEWAY BOAT RAMP	MS. DEPT. OF WILDLIFE, FISHERIES, & PARKS	228/859-3421
108	RUE DAUPHIN BOAT RAMP	JACKSON COUNTY	228/826-5330
110	ST. MARTIN ROAD BOAT RAMP	JACKSON COUNTY	228/826-5330
111	TOWER BRIDGE ST. BOAT RAMP	JACKSON COUNTY	228/826-5330

**CAMPGROUND:**

HUN#	Name	Contact	Phone
119	BILOXI BEACH CAMPGROUND	SCOTT DOLANO	228/432-2755
120	EVER BREEZE PARK CAMPGROUND	TERRY HOPKINS	228/436-4108
124	KEESLER AIR FORCE BASE CAMPGROUND	DOD-U.S. AIR FORCE	228/377-0002
127	SOUTHERN COMFORT CAMPGROUND		228/432-1700

**MANAGEMENT AREA:**

HUN#	Name	Contact	Phone
251	BILOXI RIVER COASTAL PRESERVE	MDMR	228/374-5000
254	DEER ISLAND COASTAL PRESERVE	MDMR	228/374-5000

**MARINA:**

HUN#	Name	Contact	Phone
271	BILOXI YACHT CLUB	BILOXI YACHT CLUB, INC.	228/435-5455
272	BROADWATER MARINA	BROADWATER BEACH RESORT	
278	KEESLER AIR FORCE BASE MARINA	DOD-U.S. AIR FORCE	228/377-0002

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.

# Mississippi: ESIMAP 15 (cont.)

## HUMAN USE RESOURCES: (cont.)

### RECREATIONAL FISHING:

HUN#	Name	Contact	Phone
294	BACK BAY FISHING CAMP	CURTIS PARKER	228/832-1487
295	BILOXI FISHING PIERS	BILOXI PORT COMMISSION	228/374-6600
299	DAVID FISHING CAMP	JUDY DAVID	228/832-1487
301	FOUNTAIN STREET PIER	CITY OF D'IBERVILLE	228/392-7966
303	I-110 BOAT RAMP & FISHING PIER	CITY OF D'IBERVILLE	228/392-7966
307	LITTLE JOE FISHING CAMP	JOE AGREGAARD	228/392-0852
313	POPPS FERRY FISHING CAMP	RIA GENSERT	228/832-1487
318	WICK'S FISHING CAMP		228/832-1487