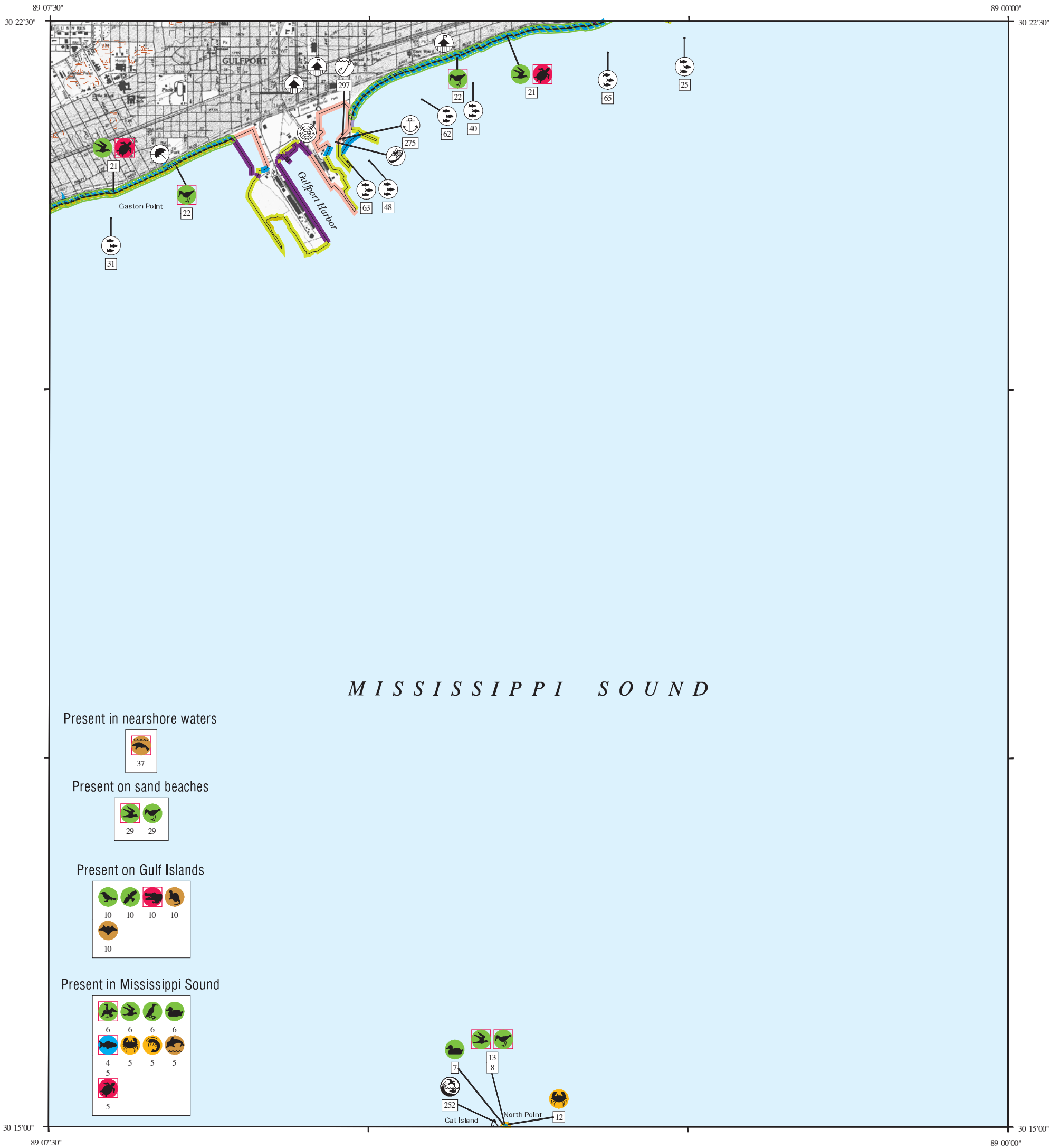


ENVIRONMENTAL SENSITIVITY INDEX MAP



MISSISSIPPI SOUND

Present in nearshore waters



Present on sand beaches



Present on Gulf Islands



Present in Mississippi Sound

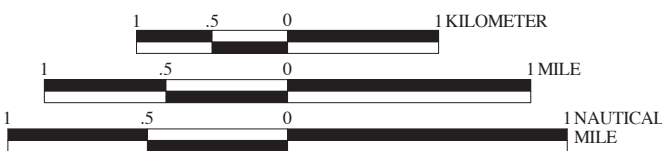


SHORELINE HABITATS (ESI)

- 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

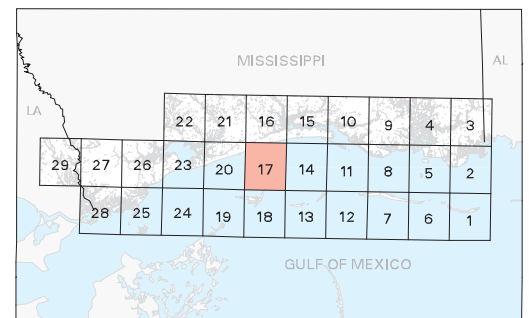


SCALE 1:50000



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 17

BIOLOGICAL RESOURCES:

BIRD:

Table with columns: RAR#, Species, S F Conc., J F M A M J J A S O N D, Nesting, Migrating, Molting. Lists various bird species and their seasonal patterns in Mississippi.

FISH:

Table with columns: RAR#, Species, S F Conc., J F M A M J J A S O N D, Spawning, Eggs, Larvae, Juveniles, Adults. Lists various fish species and their seasonal patterns in Mississippi.

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 17 (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
5	Pinfish		X	X	X	X	X	X	X	X	X	X	X	X	NOV-MAR	NOV-MAR	NOV-APR	JAN-DEC	JAN-DEC
	Red drum		X	X	X	X	X	X	X	X	X	X	X	SEP-OCT	SEP-FEB	SEP-FEB	JAN-DEC	JAN-DEC	
	Red snapper					X	X	X	X	X	X	X		-	-	-	-	-	
	Rock sea bass					X	X	X	X	X	X			-	-	-	-	-	
	Rough silverside		X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC	JAN-DEC	
	Sand seatrout		X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAY-OCT	FEB-OCT	JAN-DEC	JAN-DEC	
	Scaled sardine					X	X	X	X	X				APR-SEP	-	-	AUG-SEP	-	
	Sheepshead		X	X	X	X	X	X	X	X	X	X	X	FEB-MAR	FEB-APR	FEB-MAY	JAN-DEC	JAN-DEC	
	Silver perch		X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-SEP	MAY-SEP	JAN-DEC	JAN-DEC	
	Silver seatrout					X	X	X	X	X	X			-	-	JUN-OCT	-	-	
	Skipjack herring		X	X	X	X						X	X	MAR-APR	-	-	-	-	
	Southern flounder		X	X	X	X	X	X	X	X	X	X	X	SEP-JAN	SEP-JAN	SEP-APR	JAN-DEC	JAN-DEC	
	Southern hake		X	X	X									-	-	-	-	FEB-MAY	
	Southern kingfish		X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	-	JAN-NOV	-	
	Spanish mackerel					X	X	X	X	X				JUN-SEP	JUN-SEP	JUN-SEP	APR-SEP	APR-SEP	
	Spinner shark		X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Spot		X	X	X	X	X	X	X	X	X	X	X	NOV-MAR	NOV-APR	NOV-MAR	JAN-DEC	JAN-DEC	
	Spotfin mojarra		X			X	X	X	X	X	X	X	X	-	-	JUN-SEP	-	-	
	Spotted hake					X	X							-	-	-	-	-	
	Spotted seatrout		X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC	
	Star drum									X	X			-	-	AUG-SEP	-	-	
	Striped anchovy					X	X	X	X	X	X	X	X	MAY-AUG	MAY-AUG	APR-AUG	APR-DEC	-	
	Striped mullet		X	X	X	X	X	X	X	X	X	X	X	NOV-MAY	NOV-MAY	NOV-MAY	JAN-DEC	JAN-DEC	
	Tarpon		X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	MAY-SEP	JAN-DEC	JAN-DEC	
	Threadfin shad		X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
	White mullet		X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	

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	MAY-NOV	MAY-NOV	MAY-NOV	-	JAN-DEC	
	Brown shrimp		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	-	-	-	-	JAN-DEC	
	Pink shrimp		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	APR-SEP	APR-SEP	APR-OCT	APR-OCT	JAN-DEC	
	White shrimp		X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
12	Horseshoe crab					X	X	X	X	X				MAR-AUG	-	-	-	MAR-AUG	

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	-	-	-	-	-
37	West Indian manatee	E E				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	-	-	-	-	JAN-DEC	JAN-DEC
	Loggerhead sea turtle	E T	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	JAN-DEC
10	American alligator	T T	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-
21	Loggerhead sea turtle	E T LOW				X	X	X	X	X				MAY-SEP	JUN-OCT	-	-	-	MAY-SEP

TERRESTRIAL MAMMAL:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D
10	Common raccoon		X	X	X	X	X	X	X	X	X	X	X	
	Eastern pipistrelle		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	

HUMAN USE RESOURCES:

ARTIFICIAL REEF:

HUN#	Name	Contact	Phone
25	COURTHOUSE ROAD PIER REEF	MDMR	228/523-4078
31	FOURNIER AVE. REEF	MDMR	228/523-4078
40	KELLY AVE. REEF	MDMR	228/523-4078
48	MOSES PIER REEF	MDMR	228/523-4078
62	THORNTON AVE. REEF	MDMR	228/523-4078
63	URIE PIER NORTH	MDMR	228/523-4078
65	VA HOSPITAL REEF	MDMR	228/523-4078

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
252	CAT ISLAND COASTAL PRESERVE	MDMR	228/372-5000

MARINA:

HUN#	Name	Contact	Phone
275	GULFPORT YACHT CLUB	GULFPORT YACHT CLUB	228/863-2263

RECREATIONAL FISHING:

HUN#	Name	Contact	Phone
297	BRADY'S FISHING CAMP	MR. BRADY	228/832-1487

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.