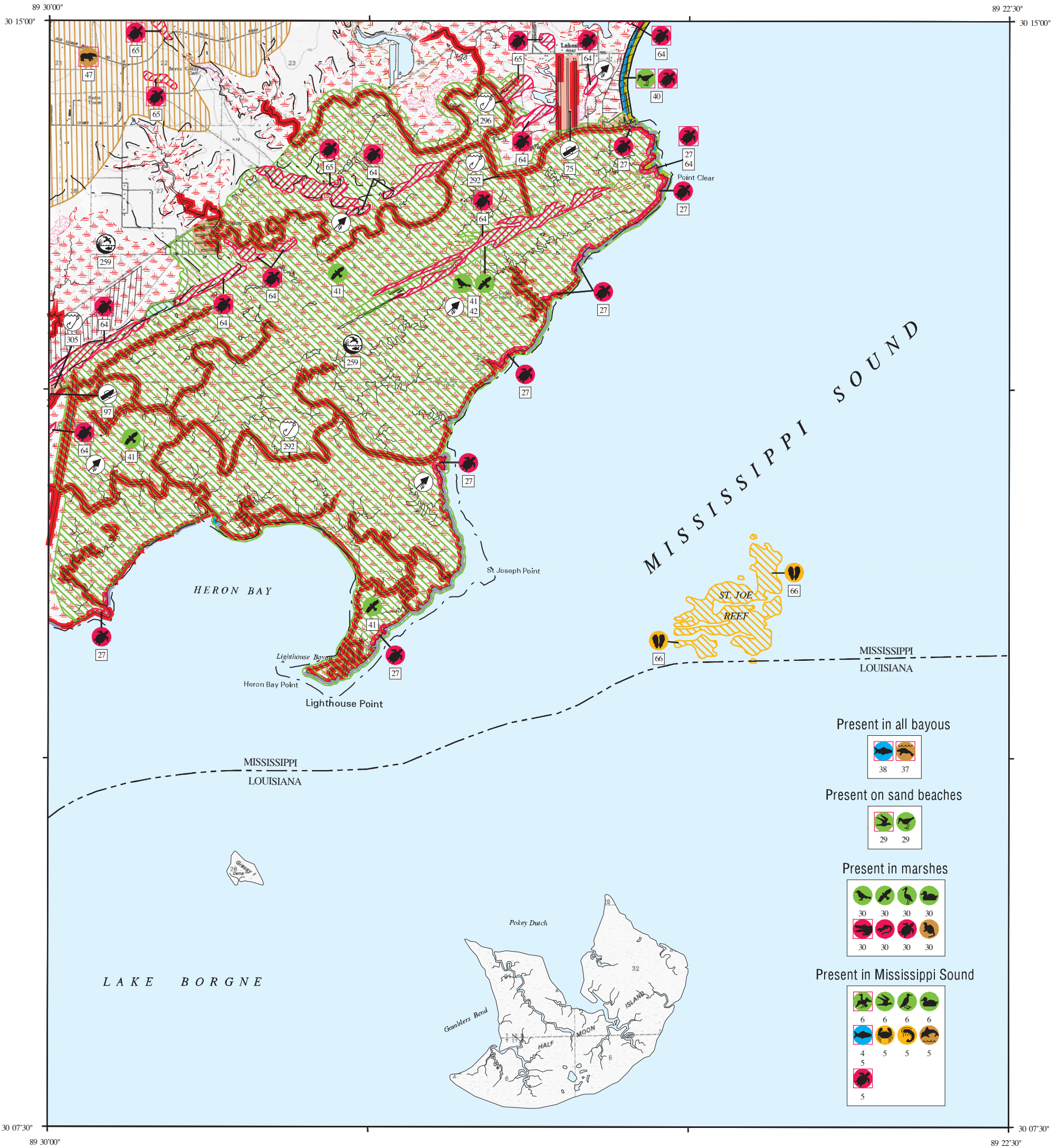


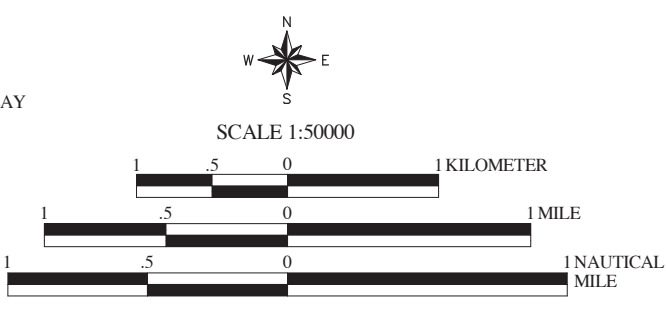
ENVIRONMENTAL SENSITIVITY INDEX MAP



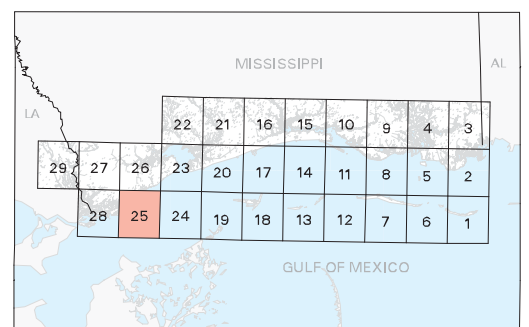
- Present in all bayous
 - 38 37
- Present on sand beaches
 - 29 29
- Present in marshes
 - 30 30 30 30
 - 30 30 30 30
- Present in Mississippi Sound
 - 6 6 6 6
 - 4 5 5 5
 - 5

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



Not For Navigation
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 National Ocean Service
 Office of Response and Restoration
 Emergency Response Division



Mississippi: ESIMAP 25

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
6	American white pelican													X X X	-	-	-
	Bonaparte's gull													X X X	-	-	-
	Brown pelican	E	X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-
	Bufflehead		X	X	X	X								X X X	-	-	-
	Canvasback		X	X	X	X								X X X	-	-	-
	Common goldeneye		X	X	X	X								X X X	-	-	-
	Common loon		X	X	X	X								X X X	-	-	-
	Double-crested cormorant		X	X	X									X X X	-	-	-
	Greater scaup		X	X	X	X								X X X	-	-	-
	Herring gull		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-
	Hooded merganser		X	X	X	X								X X X	-	-	-
	Horned grebe		X	X	X	X								X X	-	-	-
	Laughing gull		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-
	Lesser scaup		X	X	X	X								X X X	-	-	-
	Long-tailed duck		X	X	X	X								X X X	-	-	-
	Northern gannet		X	X										X X X	-	-	-
	Pied-billed grebe		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-
	Red-breasted merganser		X	X	X	X								X X X	-	-	-
	Redhead		X	X	X	X								X X X	-	-	-
	Ring-billed gull		X	X	X									X X	-	-	-
	Ring-necked duck		X	X	X	X								X X X	-	-	-
	Ruddy duck		X	X	X	X								X X X	-	-	-
	Terns		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-
29	American oystercatcher		X	X	X	X	X	X	X	X	X	X	X	X X X	MAY-SEP	-	-
	Black-bellied plover		X	X	X									X X	-	-	-
	Dowitchers		X	X	X									X X	-	-	-
	Dunlin		X	X	X									X X	-	-	-
	Greater yellowlegs		X	X	X	X								X X X	-	-	-
	Gull-billed tern		X	X	X	X	X	X	X	X	X	X	X	X X X	MAY-SEP	-	-
	Killdeer		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-
	Least sandpiper		X	X	X	X	X							X X X	-	-	-
	Least tern	E												X X X	MAY-SEP	-	-
	Lesser yellowlegs		X	X	X	X								X X X	-	-	-
	Red knot		X	X	X									X X	-	-	-
	Royal tern		X	X	X	X	X	X	X	X	X	X	X	X X X	MAY-SEP	-	-
	Ruddy turnstone		X	X	X									X X	-	-	-
	Sanderling		X	X	X									X X X	-	-	-
	Sandwich tern													X X X	MAY-SEP	-	-
	Semipalmated plover		X	X	X									X X X	-	-	-
	Semipalmated sandpiper		X	X	X	X								X X X	-	-	-
	Snowy plover		X	X	X									X X	-	-	-
	Spotted sandpiper		X	X	X	X								X X X	-	-	-
	Western sandpiper		X	X	X	X	X							X X X	-	-	-
	Willet		X	X	X	X	X	X	X	X	X	X	X	X X X	MAY-JUL	-	-
	Wilson's plover		X	X	X	X	X	X	X	X	X	X	X	X X X	APR-SEP	-	-
30	American coot		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-
	American wigeon		X	X	X	X								X X	-	-	-
	Black-crowned night-heron		X											X X	-	-	-
	Blue-winged teal		X	X	X	X								X X X	-	-	-
	Bufflehead		X	X	X	X								X X X	-	-	-
	Canada goose		X	X	X	X	X	X	X	X	X	X	X	X X X	FEB-MAY	-	-
	Canvasback		X	X	X	X								X X X	-	-	-
	Cattle egret		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-
	Clapper rail		X	X	X	X	X	X	X	X	X	X	X	X X X	MAY-AUG	-	-
	Common moorhen		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-
	Gadwall		X	X	X									X X X	-	-	-
	Great blue heron		X	X	X	X	X	X	X	X	X	X	X	X X X	MAY-SEP	-	-
	Great egret		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-
	Greater scaup		X	X	X	X								X X X	-	-	-
	Green heron		X	X	X	X	X	X	X	X	X	X	X	X X X	MAY-AUG	-	-
	Green-winged teal		X	X	X	X								X X X	-	-	-
	Hooded merganser		X	X	X	X	X	X	X	X	X	X	X	X X X	FEB-AUG	-	-
	King rail		X	X	X	X	X	X	X	X	X	X	X	X X X	MAY-AUG	-	-
	Least bittern													X X X	MAY-SEP	-	-
	Lesser scaup		X	X	X	X								X X X	-	-	-
	Little blue heron		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-
	Mallard		X	X	X									X X X	-	-	-
	Marsh wren		X	X	X	X								X X X	-	-	-
	Mottled duck		X	X	X	X	X	X	X	X	X	X	X	X X X	FEB-AUG	-	-
	Nelson's sharp-tailed sparrow		X	X	X	X								X X X	-	-	-
	Northern pintail		X	X	X									X X X	-	-	-
	Northern shoveler		X	X	X									X X X	-	-	-
	Osprey		X	X	X	X	X	X	X	X	X	X	X	X X X	MAR-AUG	-	-
	Redhead		X	X	X	X								X X X	-	-	-
	Ring-necked duck		X	X	X	X								X X X	-	-	-
	Ruddy duck		X	X	X	X								X X X	-	-	-
	Seaside sparrow		X	X	X	X	X	X	X	X	X	X	X	X X X	MAY-AUG	-	-
	Sedge wren		X	X	X	X								X X X	-	-	-
	Snowy egret													X X X	MAY-SEP	-	-
	Sora													X X X	-	-	-
	Tricolored heron		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-
	Virginia rail		X	X	X									X X X	-	-	-
	Wood duck		X	X	X	X	X	X	X	X	X	X	X	X X X	FEB-AUG	-	-
	Yellow-crowned night-heron		X	X	X	X	X							X X X	-	-	-
40	Piping plover	E T	X	X	X									X X X	-	-	-
41	Bald eagle		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-
42	Migratory songbirds		X	X	X									X X X	-	-	-

FISH:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
4	Gulf sturgeon	E T COMMON-WINTER	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
5	Atlantic croaker		X	X	X	X	X	X	X	X	X	X	X	X	SEP-APR	SEP-APR	OCT-APR	JAN-DEC	JAN-DEC
	Atlantic sharpnose shark													X X X	-	-	-	-	-
	Atlantic spadefish													X X X	-	-	-	APR-NOV	-
	Atlantic sturgeon		X	X	X	X								X X X	-	-	-	-	OCT-MAY
	Atlantic thread herring		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-	-	MAR-NOV
	Bay anchovy		X	X	X	X	X	X	X	X	X	X	X	X X X	FEB-OCT	FEB-OCT	FEB-OCT	JAN-DEC	JAN-DEC
	Black drum		X	X	X	X	X	X	X	X	X	X	X	X X X	FEB-APR	FEB-APR	FEB-APR	JAN-DEC	JAN-DEC
	Blacktip shark		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-	-	-
	Bluefish		X	X	X	X	X	X	X	X	X	X	X	X X X	JAN-DEC	-	-	MAY-OCT	MAY-OCT
	Bull shark		X	X	X	X	X	X	X	X	X	X	X	X X X	-	-	-	-	-
	Crevalle jack		X	X	X	X	X	X	X	X	X	X	X	X X X	JAN-DEC	MAY-SEP	MAY-SEP	JAN-DEC	MAY-SEP
	Florida pompano		X	X	X	X	X	X	X	X	X	X	X	X X X	MAY-JUL	MAY-JUL	MAY-JUL	MAY-NOV	MAR-SEP
	Gafftopsail catfish													X X X	JUN-JUL	-	-	MAY-AUG	MAY-AUG
	Gag																		

Mississippi: ESIMAP 25 (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	Gulf kingfish		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	MAR-JAN
	Gulf menhaden		X	X	X	X	X	X	X	X	X	X	X	X	OCT-FEB	OCT-FEB	OCT-MAY	JAN-DEC	JAN-DEC
	Halfbeak			X	X	X	X	X	X						-	-	-	-	APR-OCT
	Hardhead catfish		X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	MAY-AUG	MAY-SEP	JAN-DEC	JAN-DEC
	Harvestfish		X	X	X	X	X	X	X	X	X	X	X	X	-	-	JUN-NOV	JAN-DEC	APR-OCT
	Inland silverside		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Ladyfish			X	X	X	X	X							-	-	-	APR-SEP	-
	Longnose killifish		X	X	X	X	X	X	X	X	X	X	X	X	JUN-JUL	-	-	-	-
	Marsh killifish		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Northern kingfish			X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-JUN	-	-
	Pigfish			X	X	X	X	X	X	X	X	X	X	X	APR-MAY	-	-	-	-
	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	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	X	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC	JAN-DEC
	Sand seatrout		X	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	X						APR-SEP	-	-	AUG-SEP	-
	Sheepshead		X	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	X	MAY-SEP	MAY-SEP	MAY-SEP	JAN-DEC	JAN-DEC
	Silver seatrout			X	X	X	X	X	X	X					-	-	JUN-OCT	-	-
	Skipjack herring		X	X	X	X	X	X	X						MAR-APR	-	-	-	-
	Southern flounder		X	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	X								-	-	-	-	FEB-MAY
	Southern kingfish		X	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	X	-	-	-	-	-
	Spot		X	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	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	X	X	X	MAY-AUG	MAY-AUG	APR-AUG	APR-DEC	-
	Striped mullet		X	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	X	APR-SEP	APR-SEP	MAY-SEP	JAN-DEC	JAN-DEC
	Threadfin shad		X	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	X	-	-	-	JAN-DEC	JAN-DEC
38	Saltmarsh topminnow	C	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAY-JUN	-	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	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
66	Eastern oyster		X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	APR-DEC	APR-DEC	JAN-DEC

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	-	-	-	-
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	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
27	Diamondback terrapin		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-	-	-
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	-	-	-	-	-
40	Loggerhead sea turtle	E T LOW		X	X	X	X	X	X						MAY-SEP	JUN-OCT	-	-	MAY-SEP
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	Muskrat		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
47	Louisiana black bear	E T	X	X	X	X	X	X	X	X	X	X	X	X

HUMAN USE RESOURCES:

BOAT RAMP:

HUN#	Name	Contact	Phone
75	BAYOU CADDY RAMP		
97	LAFRANCE FISH CAMP/MARINA		

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
259	HANCOCK COUNTY MARSH COASTAL PRESERVE	MDMR	228/374-5000

RECREATIONAL FISHING:

HUN#	Name	Contact	Phone
292			
296	BORDAGE FISHING CAMP	TOMMY BORDAGE	228/467-0650
305	LAFRANCE FISHING CAMP	SHELBY & MARIE HULL	228/467-9180

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.