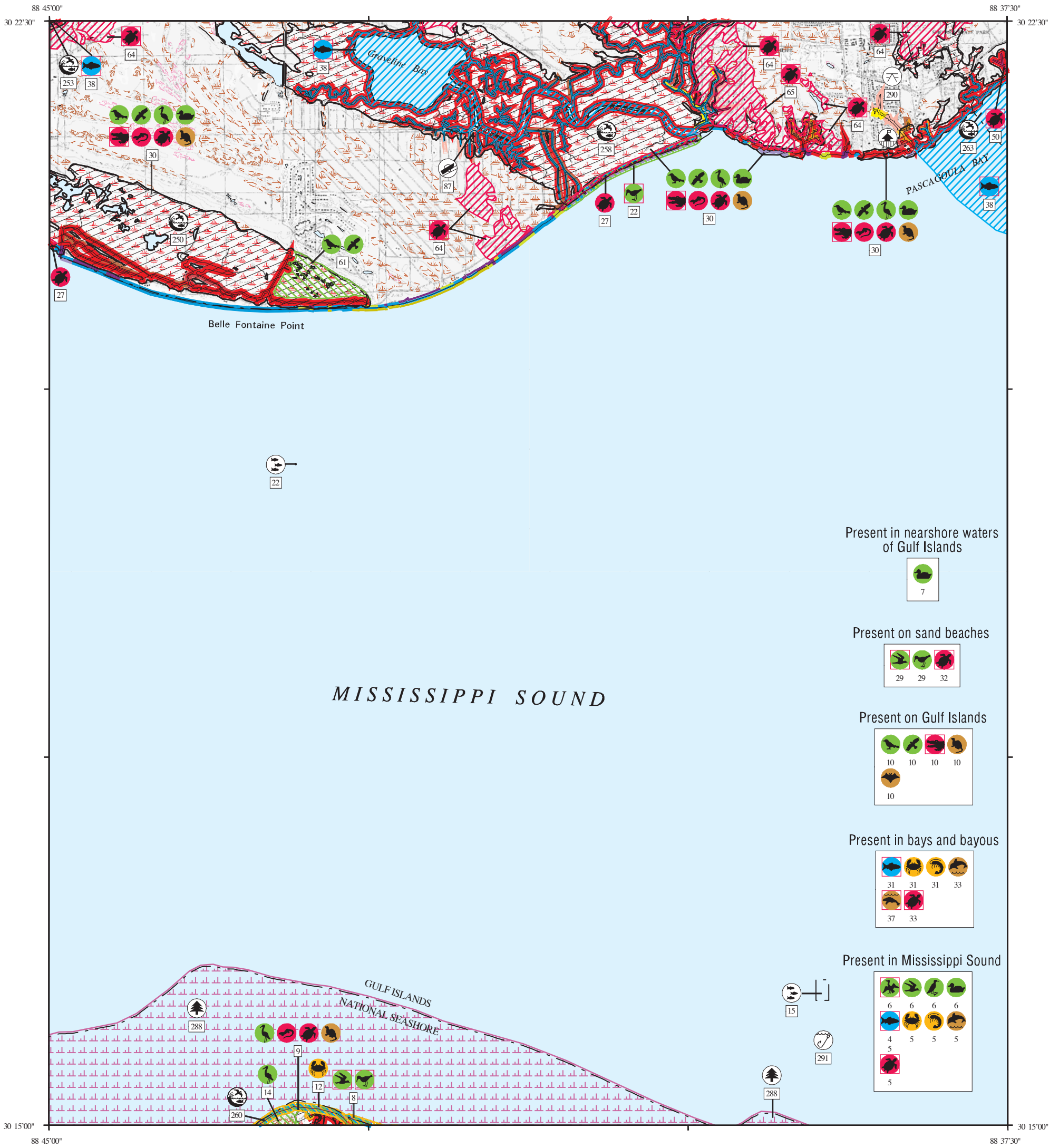


ENVIRONMENTAL SENSITIVITY INDEX MAP

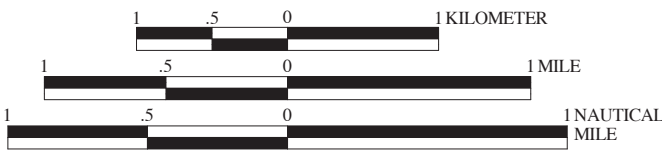


SHORELINE HABITATS (ESI)

- 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

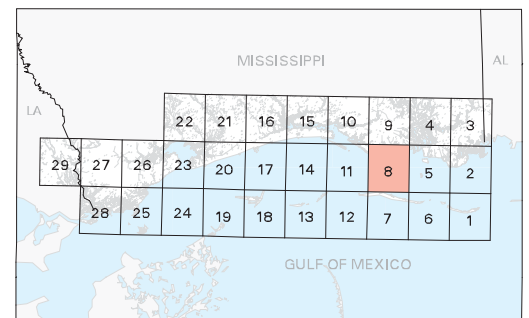


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Mississippi: ESIMAP 8

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								X	X	-	-	-
	Bonaparte's gull		X	X	X	X	X						X	X	-	-	-
	Brown pelican	E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Bufflehead		X	X	X	X							X	X	-	-	-
	Canvasback		X	X	X	X							X	X	-	-	-
	Common goldeneye		X	X	X	X							X	X	-	-	-
	Common loon		X	X	X	X						X	X	X	-	-	-
	Double-crested cormorant		X	X	X								X	X	-	-	-
	Greater scaup		X	X	X	X							X	X	-	-	-
	Herring gull		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Hooded merganser		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	-	-	-
	Lesser scaup		X	X	X	X							X	X	-	-	-
	Long-tailed duck		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	-	-	-
	Red-breasted merganser		X	X	X	X							X	X	-	-	-
	Redhead		X	X	X	X							X	X	-	-	-
	Ring-billed gull		X	X	X								X	X	-	-	-
	Ring-necked duck		X	X	X	X							X	X	-	-	-
	Ruddy duck		X	X	X	X							X	X	-	-	-
	Terns		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
7	Dabbling ducks		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
8	American oystercatcher		X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	-	-
	Black skimmer		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Black-bellied plover		X	X	X								X	X	-	-	-
	Dowitchers		X	X	X								X	X	-	-	-
	Dunlin		X	X	X								X	X	-	-	-
	Gull-billed tern		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	-	-	-
	Least tern	E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Piping plover	E T	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	-	-	-
	Ruddy turnstone		X	X	X								X	X	-	-	-
	Sanderling		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Sandwich tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Semipalmated plover		X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	-	-
	Snowy plover		X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	-	-
	Willet		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	APR-SEP	-	-
9	American bittern		X	X	X	X							X	X	X	-	-
	Black-crowned night-heron		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-
	Cattle egret		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	MAY-AUG	-	-
	Great blue heron		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Great egret		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Green heron		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	King rail		X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-
	Least bittern		X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	-	-
	Little blue heron		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Reddish egret		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Snowy egret		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Tricolored heron		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Yellow-crowned night-heron		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-
10	Bald eagle		X	X	X	X	X						X	X	NOV-JUN	-	-
	Migratory songbirds		X	X	X								X	X	-	-	-
	Osprey		X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	-	-
	Peregrine falcon		X	X									X	X	-	-	-
14	Great blue heron					X	X	X	X						MAY-SEP	-	-
	Great egret					X	X	X	X						MAY-SEP	-	-
	Snowy egret					X	X	X	X						MAY-SEP	-	-
22	Piping plover	E T	X	X	X								X	X	-	-	-
29	American oystercatcher		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	-	-
	Gull-billed tern		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	-	-	-
	Least sandpiper		X	X	X	X							X	X	X	-	-
	Least tern	E				X	X	X	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	MAY-SEP	-	-
	Ruddy turnstone		X	X	X								X	X	-	-	-
	Sanderling		X	X	X								X	X	-	-	-
	Sandwich tern					X	X	X	X						MAY-SEP	-	-
	Semipalmated plover		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	-	-
	Western sandpiper		X	X	X	X							X	X	X	-	-
	Willet		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	APR-SEP	-	-
30	American coot		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	-	-	-
	Canada goose		X	X	X	X	X	X	X	X	X	X	X	X	FEB-MAY	-	-
	Canvasback		X	X	X	X							X	X	-	-	-
	Cattle egret		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	MAY-AUG	-	-
	Common moorhen		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Gadwall		X	X	X								X	X	-	-	-
	Great blue heron		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	-	-	-
	Greater scaup		X	X	X	X							X	X	-	-	-
	Green heron		X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-
	Green-winged teal		X	X	X	X							X	X	-	-	-
	Hooded merganser		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	MAY-AUG	-	-
	Least bittern					X	X	X	X	X	X	X	X	X	MAY-SEP	-	-
	Lesser scaup		X	X	X	X							X	X	-	-	-
	Little blue heron		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Mallard		X	X	X								X	X	-	-	-
	Marsh wren		X	X	X	X							X	X	X	-	-

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 8 (cont.)

BIOLOGICAL RESOURCES: (cont.)

BIRD: (cont.)

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
30	Mottled duck		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	X	-	-	-
	Northern shoveler		X	X	X						X	X	X	X	-	-	-
	Osprey		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	MAY-AUG	-	-
	Sedge wren		X	X	X	X						X	X	X	-	-	-
	Snowy egret						X	X	X	X	X				MAY-SEP	-	-
	Sora					X	X	X				X	X	X	-	-	-
	Tricolored heron		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	FEB-AUG	-	-
	Yellow-crowned night-heron					X	X	X	X	X					-	-	-
61	Migratory songbirds					X	X	X				X	X	X	-	-	-
	Peregrine falcon		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	JAN-DEC
	Atlantic sharpnose shark					X	X	X	X	X					-	-	-	-	-	
	Atlantic spadefish					X	X	X	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			-	-	-	-	MAR-NOV	
	Bay anchovy		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	FEB-APR	FEB-APR	FEB-APR	JAN-DEC	JAN-DEC	
	Blacktip shark		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	JAN-DEC	-	-	MAY-OCT	MAY-OCT	
	Bull shark		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	JAN-DEC	MAY-SEP	MAY-SEP	JAN-DEC	MAY-SEP	
	Florida pompano					X	X	X	X	X	X				MAY-JUL	MAY-JUL	MAY-JUL	MAY-NOV	MAR-SEP	
	Gafftopsail catfish					X	X	X	X						JUN-JUL	-	-	MAY-AUG	MAY-AUG	
	Gag									X	X	X			-	-	-	-	AUG-OCT	
	Gizzard shad					X	X	X	X	X					-	-	MAR-SEP	MAR-SEP	-	
	Gray snapper					X	X	X	X	X	X				-	-	MAY-DEC	MAY-DEC	-	
	Gulf butterfish		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	APR-AUG	JAN-DEC	
	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					-	-	-	-	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	-	-	MAR-JUN	-	-	
	Pigfish					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				-	-	-	-	-	
	Rock sea bass					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					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				-	-	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							-	-	-	-	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						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				-	-	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	X							-	-	AUG-SEP	-	-	
	Striped anchovy					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	
31	Alligator gar	C	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Atlantic croaker		X	X	X	X	X	X	X	X	X	X	X	X	-	-	OCT-APR	JAN-DEC	APR-OCT	
	Atlantic sturgeon		X	X	X	X						X	X	X	-	-	-	-	OCT-MAY	
	Atlantic thread herring					X	X	X	X	X	X				-	-	-	-	MAR-NOV	
	Bay anchovy		X	X	X	X	X	X	X	X	X	X	X	X	FEB-OCT	FEB-OCT	FEB-OCT	JAN-DEC	JAN-DEC	
	Blue catfish		X	X	X	X					X	X	X	X	-	-	-	-	-	
	Bluefish		X	X	X	X					X	X	X	X	-	-	-	OCT-APR	-	
	Channel catfish		X	X	X	X				X	X				MAR-MAR	-	-	-	-	
	Florida pompano					X	X	X	X	X					-	-	-	MAY-NOV	-	
	Gafftopsail catfish					X	X	X							JUN-JUL	-	-	MAY-AUG	MAY-AUG	
	Gizzard shad		X	X							X	X	X	X	-	-	-	NOV-FEB	NOV-FEB	
	Gulf butterfish		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	APR-AUG	JAN-DEC	
	Gulf killifish		X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	-	-	-	-	
	Gulf menhaden		X	X	X	X	X	X	X	X	X	X	X	X	-	-	JAN-DEC	JAN-DEC	MAR-AUG	
	Halfbeak					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	MAR-OCT	
	Harvestfish					X	X	X	X						-	-	-	-	-	
	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						-	-	-	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				-	-	-	-	-	
	Pigfish					X	X	X	X	X	X				-	-	-	-	-	
	Pinfish		X	X	X	X	X	X	X	X	X	X	X	X	-	-	JAN-MAR	JAN-DEC	-	
	Red drum		X	X	X	X	X	X	X	X	X	X	X	X	-	-	SEP-FEB	JAN-DEC	-	
	Sailfin molly		X	X						X	X	X	X	X	-	-	-	-	-	
	Sand seatrout		X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAY-OCT	FEB-OCT	JAN-DEC		

Mississippi: ESIMAP 8 (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
31	Southern flounder		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Southern hake		X	X	X	X							X	-	-	-	-	-	
	Southern kingfish		X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	-	JAN-NOV	-	
	Spot		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	MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC	
	Striped anchovy					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	NOV-MAY	NOV-MAY	NOV-MAY	JAN-DEC	JAN-DEC	
	Tarpon		X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-SEP	JAN-DEC	-	
	White mullet		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	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
12	Horseshoe crab				X	X	X	X	X						MAR-AUG	-	-	-	MAR-AUG
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

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					-	-	-	-

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
9	Diamondback terrapin		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-	-	-
	Gulf salt marsh snake		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
10	American alligator	T T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
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	-	-	-	-	-
32	Loggerhead sea turtle	E T LOW			X	X	X	X	X						MAY-SEP	JUN-OCT	-	-	MAY-SEP
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
50	Alabama red-bellied turtle	E E	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-	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
9	Marsh rice rat		X	X	X	X	X	X	X	X	X	X	X	X
10	Common raccoon		X	X	X	X	X	X	X	X	X	X	X	X
	Eastern pipistrelle		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
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

HUMAN USE RESOURCES:

ARTIFICIAL REEF:

HUN#	Name	Contact	Phone
15	ARTIFICIAL REEF: FH-10	MDMR	228/523-4078
22	BELLEFONTAINE REEF	MDMR	228/523-4078

BOAT RAMP:

HUN#	Name	Contact	Phone
87	GRAVELINE BAYOU BOAT RAMP	JACKSON COUNTY	228/826-5330

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
250	BELLEFONTAINE POINT COASTAL PRESERVE	MDMR	228/374-5000
253	DAVIS BAYOU COASTAL PRESERVE	MDMR	228/374-5000
258	GRAVELINE BAY COASTAL PRESERVE	MDMR	228/374-5000
260	HORN ISLAND COASTAL PRESERVE	MDMR	228/374-5000
263	PASCAGOULA RIVER COASTAL PRESERVE	MDMR	228/374-5000

NATIONAL PARK:

HUN#	Name	Contact	Phone
288	GULF ISLANDS NATIONAL SEASHORE	PARK HEADQUARTERS, FLORIDA	850/934-2600

PARK:

HUN#	Name	Contact	Phone
290	SHEPARD STATE PARK		228/497-2244

RECREATIONAL FISHING:

HUN#	Name	Contact	Phone
291			

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.