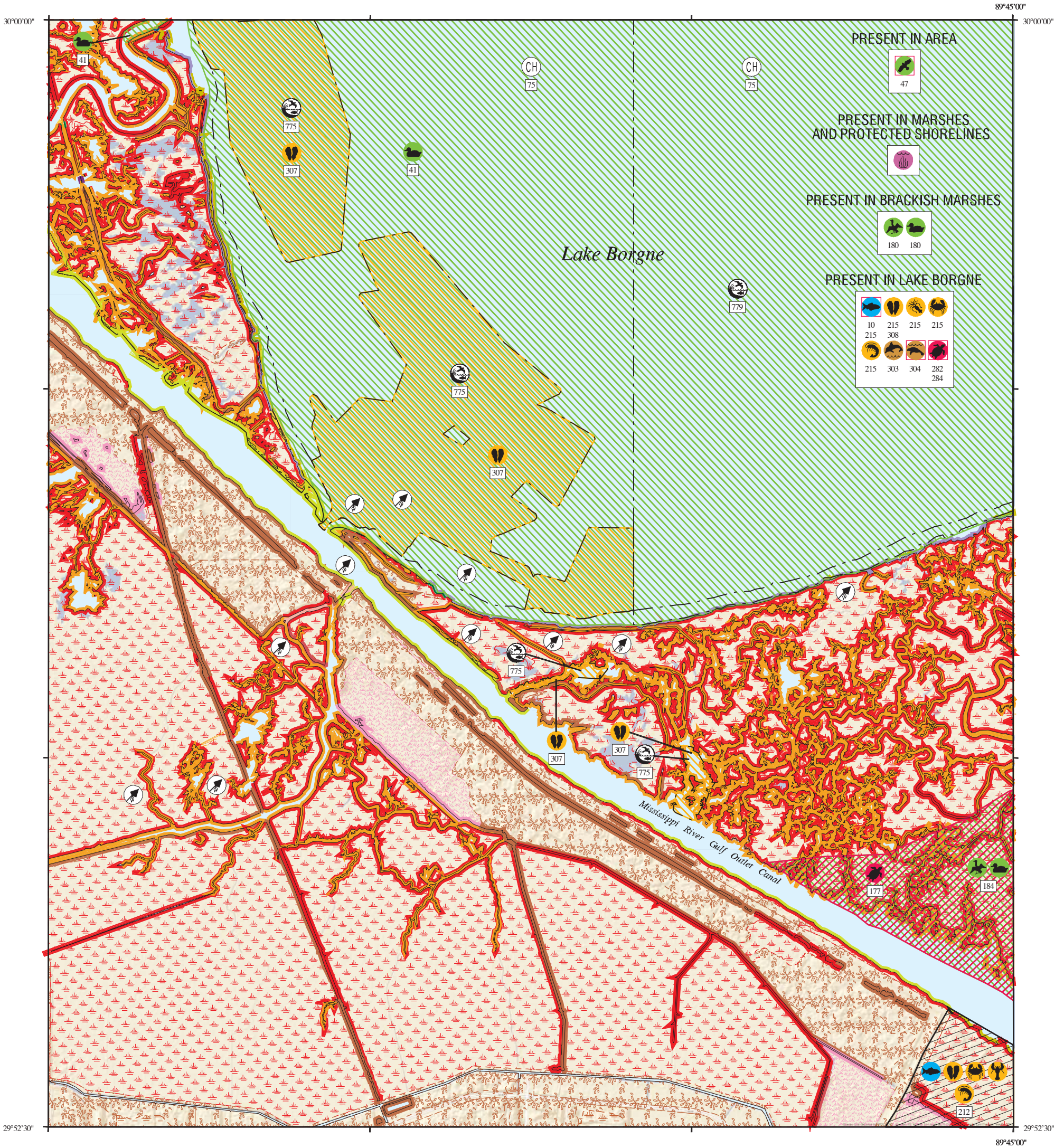


ENVIRONMENTAL SENSITIVITY INDEX MAP



SHORELINE HABITATS (ESI)

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

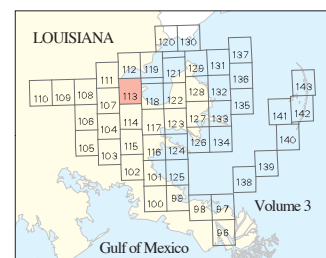


SCALE 1:50000



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Louisiana: ESIMAP 113

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 like Scaup, Bald eagle, American coot, etc., with their respective distribution patterns and seasonal activities.

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 like Gulf sturgeon, Alligator gar, American eel, etc., with their distribution and life cycle stages.

INVERTEBRATE:

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 invertebrate species like Atlantic rangia, Blue crab, Brown shrimp, etc., with their distribution and life cycle stages.

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. The LDWF-LNHP provided information for some of the federally and state listed species and species of conservation concern for display in the ESI atlas and accompanying digital data in 2013.

Louisiana: ESIMAP 113 (cont.)

BIOLOGICAL RESOURCES: (cont.)

INVERTEBRATE: (cont.)

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
215	Pink shrimp	RARE	X	X										X	-	-	-	-	-
	Squid	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	White shrimp	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-NOV	JAN-DEC	-
307	Eastern oyster	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC
308	Eastern oyster	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-NOV	MAR-NOV	JAN-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
303	Bottlenose dolphin	VERY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
304	West Indian manatee	E E RARE TO UNCOMMON	X	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	Internesting	Juveniles	Adults
177	Diamondback terrapin				X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
282	Kemp's ridley sea turtle	E E ABUNDANT			X	X	X	X	X	X	X	X	X	X	-	-	-	APR-SEP	-
284	Green sea turtle	T T OCCASIONAL	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAR-NOV	MAR-NOV
	Hawksbill sea turtle	E E VERY RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAR-OCT	-
	Leatherback sea turtle	E E RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Loggerhead sea turtle	T T COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAR-NOV	MAR-NOV

HUMAN USE RESOURCES:

CRITICAL HABITAT:

HUN#	Name	Contact	Phone
75	GULF STURGEON CRITICAL HABITAT	USFWS/NMFS	

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
775	OYSTER LEASE	LDWF - OYSTER LEASE SURVEY SECTION	
779	PUBLIC OYSTER AREA	LDWF	

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