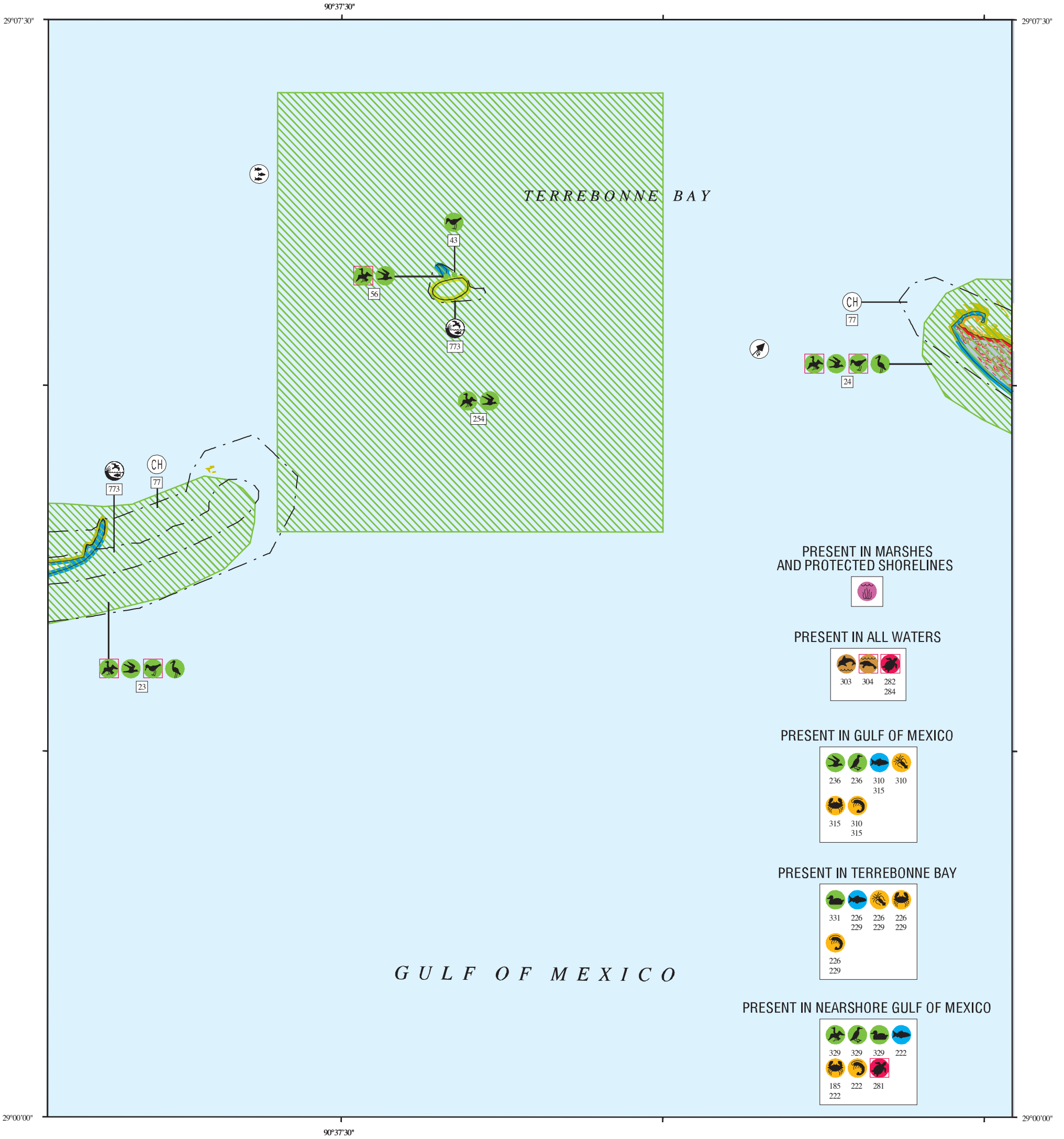


# ENVIRONMENTAL SENSITIVITY INDEX MAP



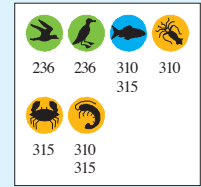
PRESENT IN MARSHES AND PROTECTED SHORELINES



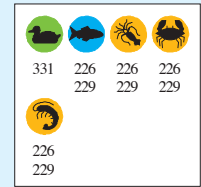
PRESENT IN ALL WATERS



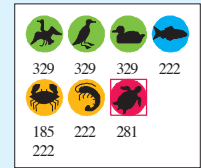
PRESENT IN GULF OF MEXICO



PRESENT IN TERREBONNE BAY



PRESENT IN NEARSHORE GULF OF MEXICO



## 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

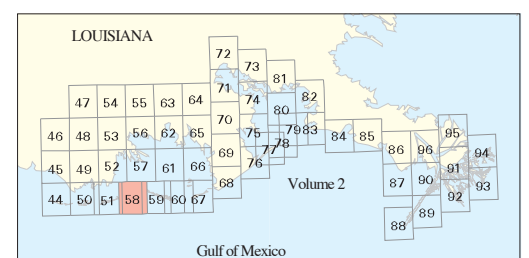
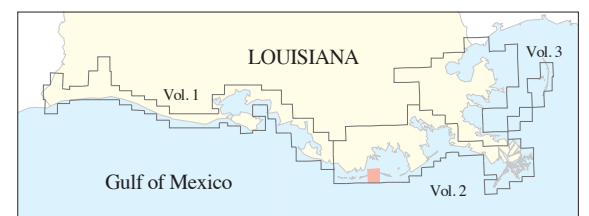


SCALE 1:50000



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Office of Response and Restoration  
Emergency Response Division



Louisiana: ESIMAP 58

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. Rows include various bird species such as American oystercatcher, Brown pelican, and Least tern.

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. Rows include various fish species such as Black drum, Gulf menhaden, and Atlantic sharpnose shark.

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. The available LNHP data sets are to be used for oil spill response and spill response planning only. These data represent existing information known to the LNHP at the time of the request and should never be substituted for consultation with the LNHP. The more spatially generalized 2011 polygonal waterbird colony data was provided by LNHP and the more spatially specific 2006 point waterbird colony data was provided by BTNEP. The display of these two data sets does not imply that EITHER or BOTH sets of polygons and/or points (especially if counts are aggregated) reflect current nest locations OR counts, but rather are to be used as a guide for what species could be present.

Louisiana: ESIMAP 58 (cont.)

BIOLOGICAL RESOURCES: (cont.)

FISH: (cont.)

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. It lists numerous fish species such as Gray snapper, Gulf menhaden, Atlantic sharpnose shark, etc., along with their seasonal abundance 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. It lists invertebrate species such as Blue crab, Atlantic seabob shrimp, Fiddler crab, etc., along with their seasonal abundance 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. The available LNHP data sets are to be used for oil spill response and spill response planning only. These data represent existing information known to the LNHP at the time of the request and should never be substituted for consultation with the LNHP. The more spatially generalized 2011 polygonal waterbird colony data was provided by LNHP and the more spatially specific 2006 point waterbird colony data was provided by BTNEP. The display of these two data sets does not imply that EITHER or BOTH sets of polygons and/or points (especially if counts are aggregated) reflect current nest locations OR counts, but rather are to be used as a guide for what species could be present.

**Louisiana: ESIMAP 58 (cont.)**

**BIOLOGICAL RESOURCES: (cont.)**

**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	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	Interesting	Juveniles	Adults
281	Kemp's ridley sea turtle	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
282	Kemp's ridley sea turtle	ABUNDANT				X	X	X	X	X					-	-	-	APR-SEP	-
284	Green sea turtle	OCCASIONAL			X	X	X	X	X	X	X	X			-	-	-	MAR-NOV	MAR-NOV
	Hawksbill sea turtle	VERY RARE			X	X	X	X	X	X	X				-	-	-	MAR-OCT	-
	Leatherback sea turtle	RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Loggerhead sea turtle	COMMON			X	X	X	X	X	X	X				-	-	-	MAR-NOV	MAR-NOV

**HUMAN USE RESOURCES:**

**CRITICAL HABITAT:**

HUN#	Name	Contact	Phone
77	PIPING PLOVER CRITICAL HABITAT	USFWS	

**MANAGEMENT AREA:**

HUN#	Name	Contact	Phone
773	ISLES DERNIERES BARRIER ISLANDS REFUGE	LDWF	

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