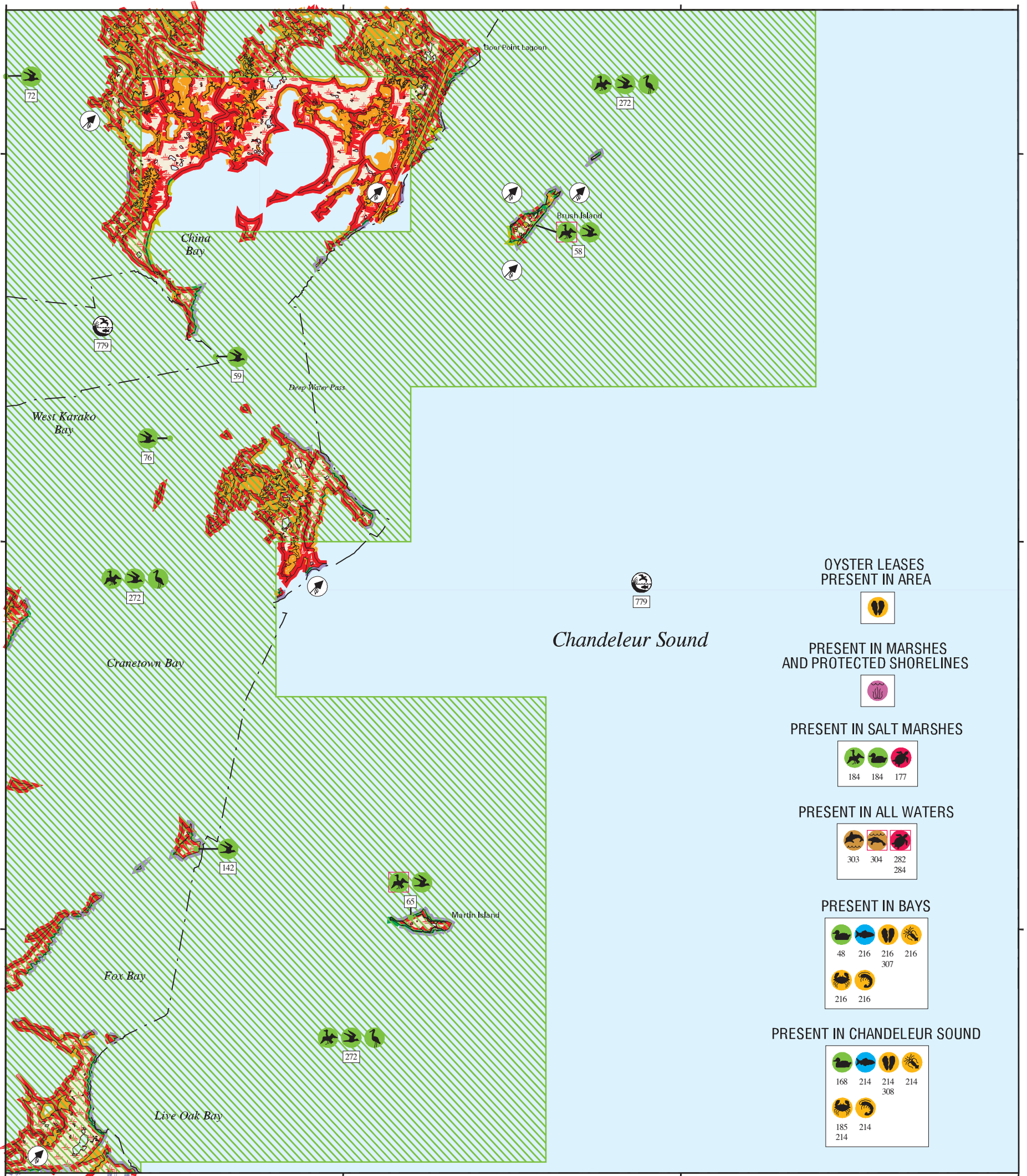


# ENVIRONMENTAL SENSITIVITY INDEX MAP

89°07'30"



30°00'00"

89°07'30"

OYSTER LEASES  
PRESENT IN AREA



PRESENT IN MARSHES  
AND PROTECTED SHORELINES

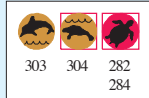


PRESENT IN SALT MARSHES



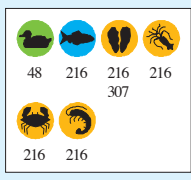
184 184 177

PRESENT IN ALL WATERS



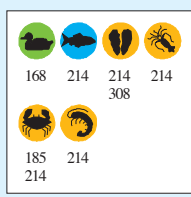
303 304 282  
284

PRESENT IN BAYS



48 216 216 216  
307  
216 216

PRESENT IN CHANDELEUR SOUND



168 214 214 214  
308  
185 214  
214

## 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

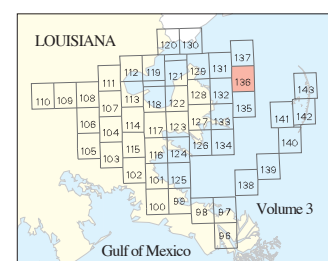


SCALE 1:50000



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**Louisiana: ESIMAP 136 (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
216	Atlantic rangia	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	-	MAR-NOV	JAN-DEC	JAN-DEC
	Blue crab	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	APR-NOV	APR-NOV	APR-NOV	JAN-DEC	JAN-DEC	
	Brown shrimp	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	-	-	FEB-NOV	MAR-DEC	-	
	Fiddler crab	PRESENT	X	X	X	X	X	X	X	X	X	X	X	JUN-AUG	-	-	-	-	
	Grass shrimp	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Squid	HIGHLY ABUNDANT	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	-	-	MAY-NOV	JAN-DEC	-	
307	Eastern oyster	PRESENT	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	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	-	-	-	-	

**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	X	-	-	-	-	-	
282	Kemp's ridley sea turtle	E E ABUNDANT	X	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	-	-	-	MAR-NOV	MAR-NOV	
	Hawksbill sea turtle	E E VERY RARE	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	-	-	-	JAN-DEC	JAN-DEC	
	Loggerhead sea turtle	T T COMMON	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAR-NOV	MAR-NOV	

**HUMAN USE RESOURCES:**

**MANAGEMENT AREA:**

HUN#	Name	Contact	Phone
779	PUBLIC OYSTER AREA	LDWF	

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.