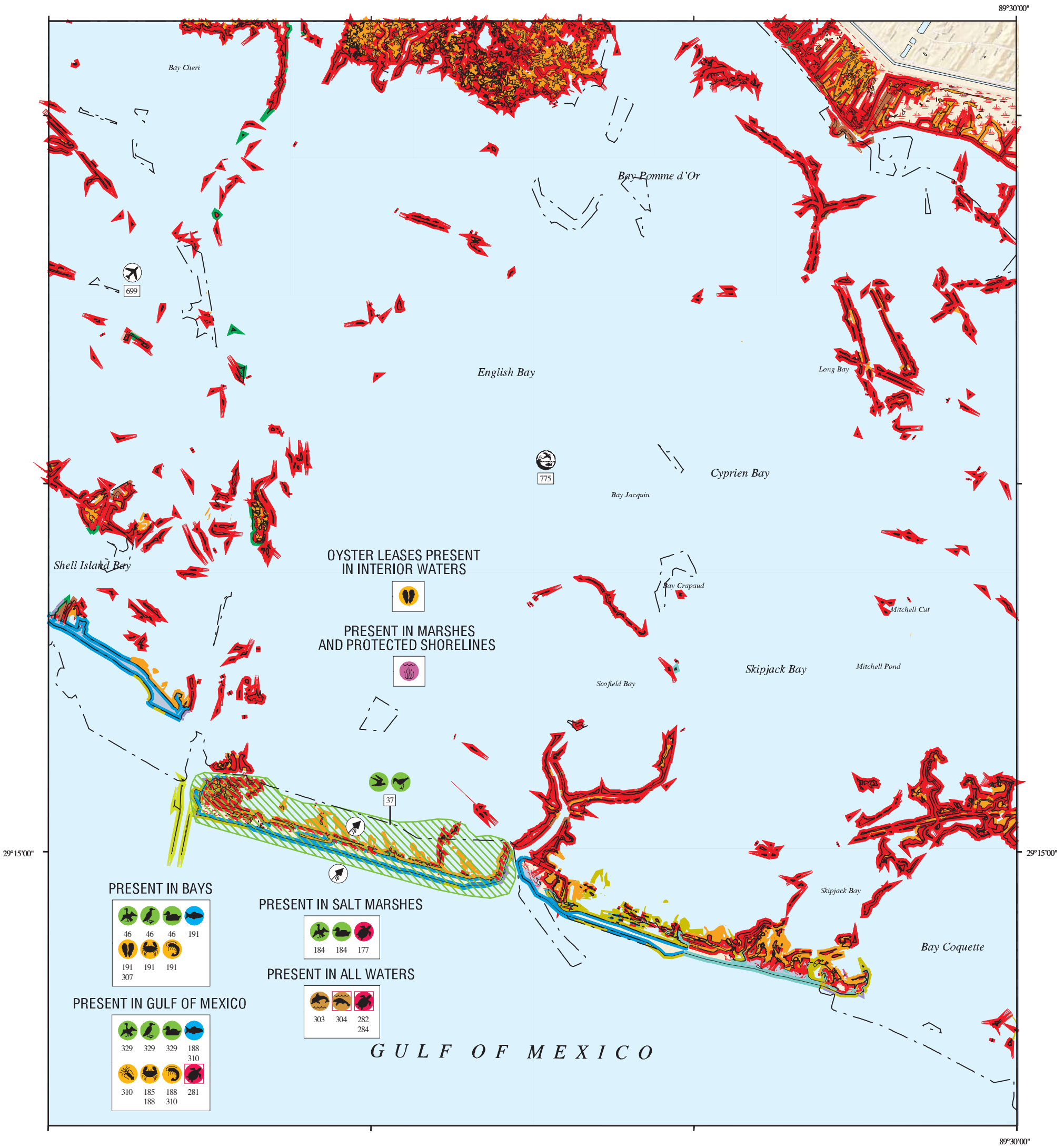


# ENVIRONMENTAL SENSITIVITY INDEX MAP



**OYSTER LEASES PRESENT IN INTERIOR WATERS**

**PRESENT IN MARSHES AND PROTECTED SHORELINES**

**PRESENT IN BAYS**

46	46	46	191
191	191	191	307

**PRESENT IN GULF OF MEXICO**

329	329	329	188
310	185	188	281
	188	310	

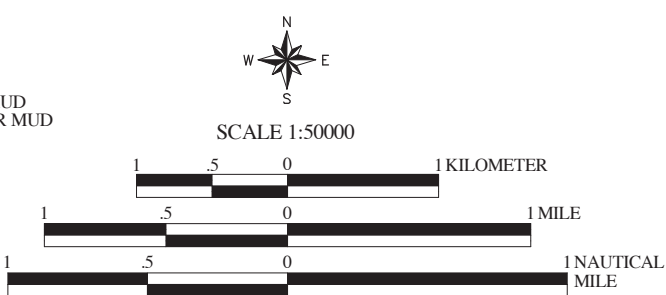
**PRESENT IN SALT MARSHES**

184	184	177

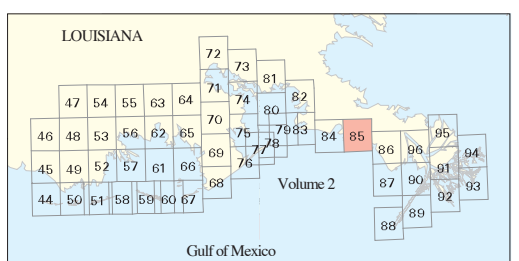
**PRESENT IN ALL WATERS**

303	304	282
		284

- 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



**Not For Navigation**  
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 Office of Response and Restoration  
 Emergency Response Division





**Louisiana: ESIMAP 85 (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	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	Interesting	Juveniles	Adults
177	Diamondback terrapin				X	X	X	X	X	X	X	X	X		-	-	-	-	-
281	Kemp's ridley sea turtle	E E ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
282	Kemp's ridley sea turtle	E E ABUNDANT			X	X	X	X	X						-	-	-	APR-SEP	-
284	Green sea turtle	T T OCCASIONAL			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					-	-	-	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					-	-	-	MAR-NOV	MAR-NOV

**HUMAN USE RESOURCES:**

**HELIPORT:**

HUN#	Name	Contact	Phone
699	BASTIAN BAY		

**MANAGEMENT AREA:**

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

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.