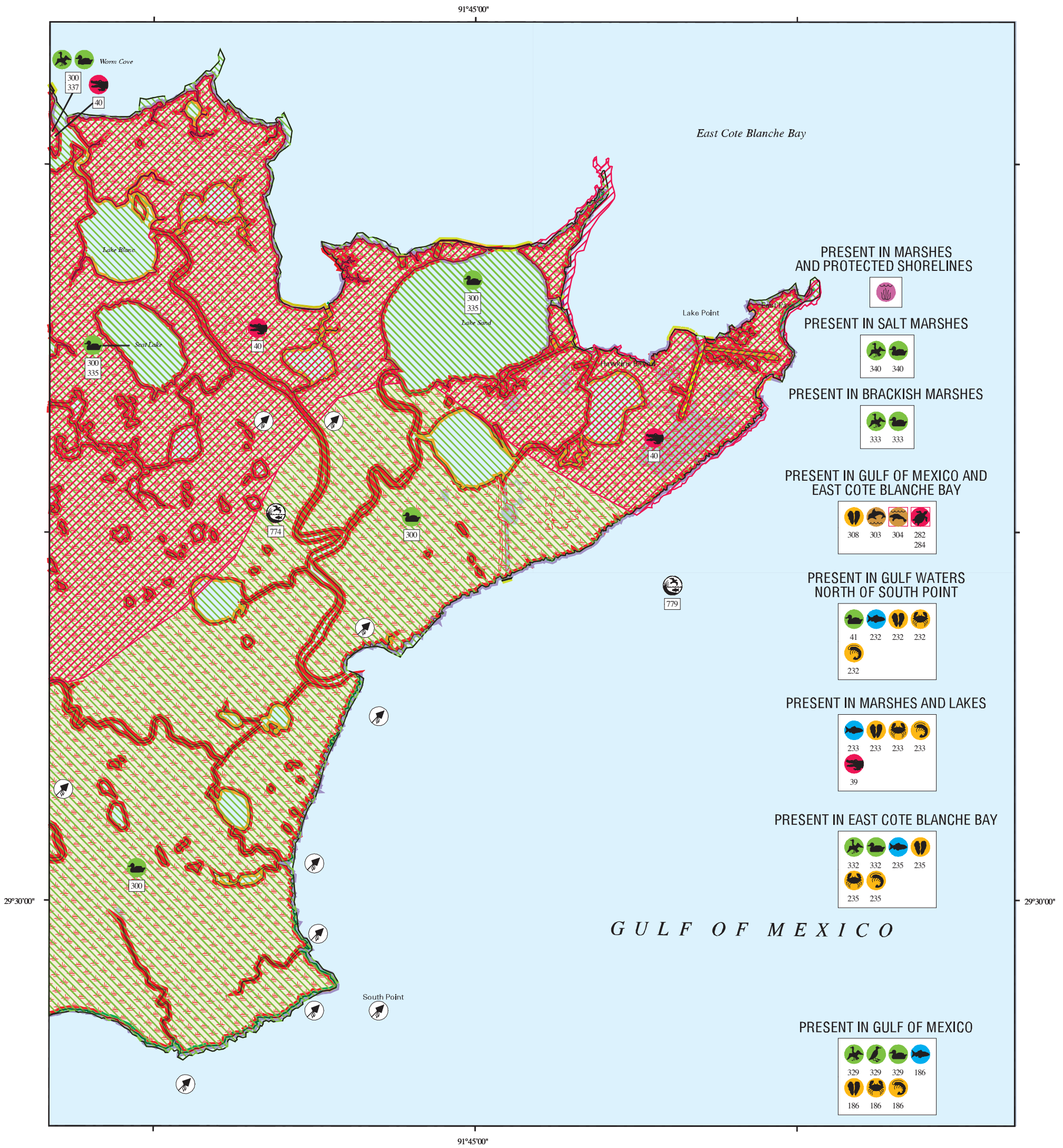


ENVIRONMENTAL SENSITIVITY INDEX MAP



PRESENT IN MARSHES AND PROTECTED SHORELINES



PRESENT IN SALT MARSHES



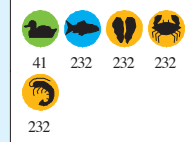
PRESENT IN BRACKISH MARSHES



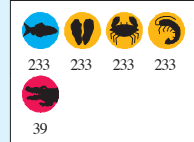
PRESENT IN GULF OF MEXICO AND EAST COTE BLANCHE BAY



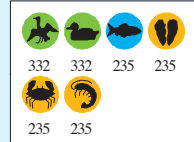
PRESENT IN GULF WATERS NORTH OF SOUTH POINT



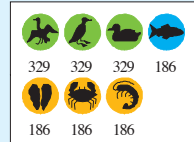
PRESENT IN MARSHES AND LAKES



PRESENT IN EAST COTE BLANCHE BAY



PRESENT IN GULF OF MEXICO

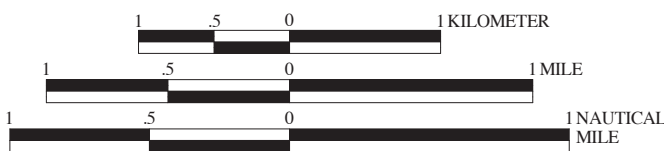


SHORELINE HABITATS (ESI)

- 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

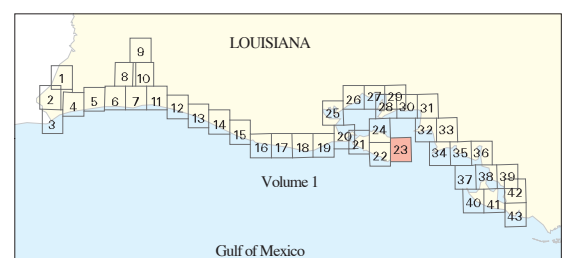


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National Ocean Service
Office of Response and Restoration
Emergency Response Division



Louisiana: ESIMAP 23

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting	
41	Scaup	10,000S	X	X	X	X	X					X	X	X	-	-	-	
300	Dabbling ducks	10,000S	X	X	X	X	X					X	X	X	-	-	-	
	Diving ducks	1,000S	X	X	X	X	X					X	X	X	-	-	-	
	Snow goose	10,000S	X	X	X	X						X	X		-	-	-	
329	Common loon		X	X	X	X						X	X		-	-	-	
	Northern gannet		X	X	X							X	X	X	-	-	-	
	Scaup	100,000S	X	X	X	X	X					X	X	X	-	-	-	
	Sea ducks		X	X	X	X						X	X	X	-	-	-	
332	Common loon	HIGH	X	X	X	X						X	X		-	-	-	
	Scaup	1000S	X	X	X	X	X					X	X	X	-	-	-	
333	American coot	UP TO 226 IND/SQ MI	X	X	X	X						X	X	X	X	-	-	-
	American white pelican	MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	American wigeon	UP TO 122 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Blue-winged teal	UP TO 202 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Canvasback	UP TO 6 IND/SQ MI	X	X	X							X	X		-	-	-	
	Gadwall	UP TO 665 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Green-winged teal	UP TO 1051 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Hooded merganser	UP TO 3 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Mallard	UP TO 428 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Mottled duck	UP TO 39 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	-	
	Northern pintail	UP TO 167 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Northern shoveler	UP TO 127 IND/SQ MI	X	X	X	X	X					X	X	X	-	-	-	
	Ring-necked duck	UP TO 51 IND/SQ MI	X	X	X							X	X		-	-	-	
	Scaup	UP TO 203 IND/SQ MI	X	X	X	X	X					X	X	X	-	-	-	
335	American coot		X	X	X	X						X	X	X	-	-	-	
	American wigeon		X	X	X	X						X	X	X	-	-	-	
	Blue-winged teal		X	X	X	X						X	X	X	-	-	-	
	Canvasback		X	X	X							X	X		-	-	-	
	Gadwall		X	X	X	X						X	X	X	-	-	-	
	Green-winged teal		X	X	X	X						X	X	X	-	-	-	
	Hooded merganser		X	X	X	X						X	X	X	-	-	-	
	Mallard		X	X	X	X						X	X	X	-	-	-	
	Mottled duck		X	X	X	X	X	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	X	-	-	-	
	Ring-necked duck		X	X	X							X	X		-	-	-	
	Scaup		X	X	X							X	X		-	-	-	
337	American coot	UP TO 234 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	American white pelican	MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	American wigeon	UP TO 41 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Blue-winged teal	UP TO 194 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Canvasback	UP TO 3 IND/SQ MI	X	X	X							X	X		-	-	-	
	Gadwall	UP TO 312 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Green-winged teal	UP TO 220 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Hooded merganser	UP TO 1 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Mallard	UP TO 169 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Mottled duck	UP TO 34 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	-	
	Northern pintail	UP TO 210 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Northern shoveler	UP TO 104 IND/SQ MI	X	X	X	X	X					X	X	X	-	-	-	
	Ring-necked duck	UP TO 38 IND/SQ MI	X	X	X							X	X		-	-	-	
	Scaup	UP TO 19 IND/SQ MI	X	X	X	X	X					X	X	X	-	-	-	
340	American coot	UP TO 15 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	American white pelican	MEDIUM	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	American wigeon	UP TO 81 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Blue-winged teal	UP TO 231 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Gadwall	UP TO 1063 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Green-winged teal	UP TO 938 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Hooded merganser	UP TO 3 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Mallard	UP TO 181 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Mottled duck	UP TO 51 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	-	
	Northern pintail	UP TO 4 IND/SQ MI	X	X	X	X						X	X	X	-	-	-	
	Northern shoveler	UP TO 286 IND/SQ MI	X	X	X	X	X					X	X	X	-	-	-	
	Ring-necked duck	UP TO 974 IND/SQ MI	X	X	X							X	X		-	-	-	
	Scaup	UP TO 45 IND/SQ MI	X	X	X	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
186	Atlantic spadefish	HIGHLY ABUNDANT									X	X	X	X	-	-	-	-	-
	Black drum	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-JUL	-	JAN-JUL	JAN-DEC	JAN-DEC
	Blue catfish	ABUNDANT	X	X											-	-	-	JAN-FEB	JAN-FEB
	Bull shark	ABUNDANT				X	X	X	X						-	-	MAY-SEP	JUN-SEP	-
	Croakers	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Gafftopsail catfish	HIGHLY ABUNDANT				X	X	X	X	X					-	-	-	-	-
	Gulf menhaden	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Longnose gar	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-APR	MAR-APR	MAR-APR	MAR-JUN	JAN-DEC
	Red drum	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Shad	ABUNDANT	X	X		X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Southern flounder	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Spotted seatrout	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-SEP	JAN-DEC	JAN-DEC
	Striped mullet	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	White trout	COMMON				X	X	X	X	X	X	X	X	X	-	-	-	JUL-DEC	JUL-DEC
232	Alligator gar	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Black drum	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Blue catfish	ABUNDANT	X	X	X								X	X	-	-	-	NOV-MAR	NOV-MAR
	Buffalo	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Bull shark	ABUNDANT				X	X	X	X	X					-	-	MAY-SEP	JUN-OCT	-
	Croakers	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Gafftopsail catfish	ABUNDANT				X	X	X	X	X					-	-	-	-	-
	Gulf menhaden	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Kingfishes	ABUNDANT	X									X	X	X	-	-	-	-	-
	Red drum	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	SEP-FEB
	Shad	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Sheepshead	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Southern flounder	HIGHLY ABUNDANT	X	X	X	X						X	X	X	-	-	-	OCT-APR	OCT-APR
	Spotted gar	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-APR	MAR-APR	MAR-APR	MAR-JUN	JAN-DEC
	Spotted seatrout	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Striped mullet	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	White trout	ABUNDANT				X	X	X	X	X	X	X	X	X	-	-	-	JUL-DEC	JUL-DEC
233	Alligator gar	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Anchovies	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC	JAN-DEC
	Atlantic spadefish	RARE				X									-	-	-	-	-
	Black drum	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Blue catfish	HIGHLY ABUNDANT	X	X	X								X	X	-	-	-	DEC-MAR	DEC-MAR
	Croakers	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Gafftopsail catfish	COMMON				X	X	X	X	X					-	-	-	-	-
	Gulf menhaden	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	FEB-DEC	FEB-DEC
	Killifish	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	-	-	JAN-DEC	JAN-DEC
	Pipefish	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-

Biological information shown on the maps represents

Louisiana: ESIMAP 23 (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
233	Red drum	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	SEP-FEB
	Shad	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Southern flounder	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAR-NOV	MAR-NOV
	Spotted gar	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-APR	MAR-APR	MAR-APR	MAR-JUN	JAN-DEC
	Spotted seatrout	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAR-NOV	MAR-NOV
	Striped mullet	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	White trout	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAR-NOV	MAR-NOV
235	Alligator gar	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Anchovies	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC	JAN-DEC
	Atlantic spadefish	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Black drum	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Blue catfish	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	APR-JUN	-	NOV-JUN	NOV-JUN
	Bull shark	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-SEP	JUN-SEP	-
	Croakers	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Gafftopsail catfish	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Gulf menhaden	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Kingfishes	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Paddlefish	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Pipefish	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Red drum	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	SEP-FEB
	Shad	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Sheepshead	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Southern flounder	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Spotted seatrout	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Striped mullet	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	White trout	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	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
186	Atlantic rangia	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	-	MAR-NOV	JAN-DEC	JAN-DEC
	Atlantic seabob shrimp	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Blue crab	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	APR-NOV	APR-NOV	APR-NOV	JAN-DEC	JAN-DEC
	Grass shrimp	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	River shrimp	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	APR-JUL	-	APR-JUN
	White shrimp	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAY-NOV	-	-	-	JAN-DEC
232	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	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	APR-NOV	APR-NOV	APR-NOV	JAN-DEC	JAN-DEC
	White shrimp	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-NOV	MAR-NOV	-
233	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	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	X	-	-	FEB-MAY	MAR-JUN	-
	Fiddler crab	PRESENT	X	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	X	-	-	-	-	-
	White shrimp	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-NOV	MAR-NOV	-
235	Atlantic rangia	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	-	MAR-NOV	JAN-DEC	JAN-DEC
	Atlantic seabob shrimp	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Blue crab	ABUNDANT	X	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	X	-	-	FEB-NOV	MAR-JAN	-
	Grass shrimp	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	River shrimp	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	APR-JUL	-	APR-JUN
	White shrimp	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-NOV	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	Interesting	Juveniles	Adults
39	American alligator	76-125 AC/NEST	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	JUL-SEP	-	JAN-DEC	JAN-DEC
40	American alligator	<75 AC/NEST	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	JUL-SEP	-	JAN-DEC	JAN-DEC
282	Kemp's ridley sea turtle	E E ABUNDANT	X	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	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:

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
774	MARSH ISLAND WILDLIFE REFUGE	LDWF	
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.