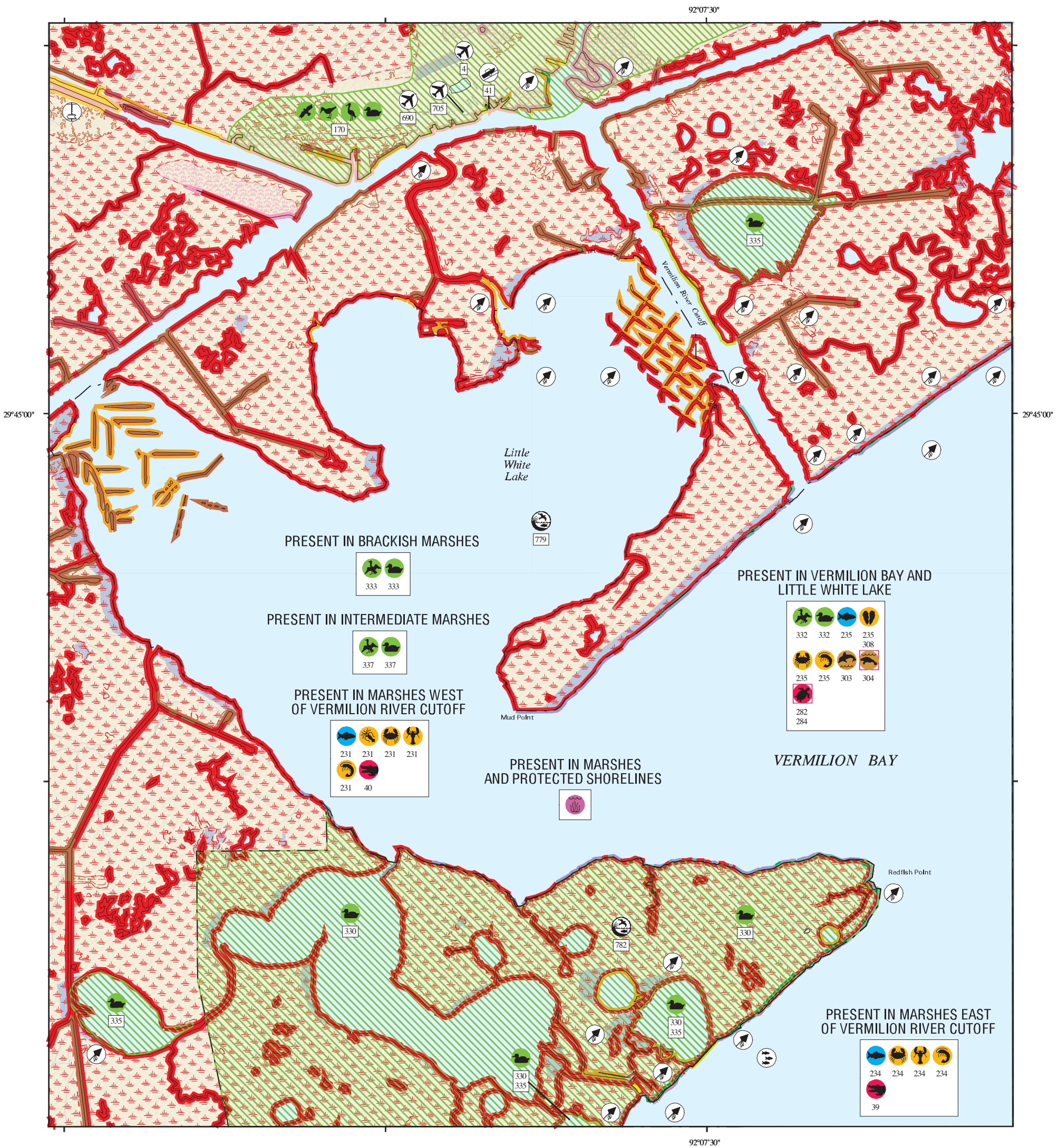
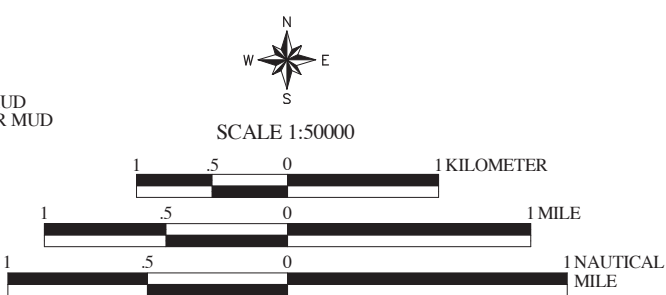


ENVIRONMENTAL SENSITIVITY INDEX MAP

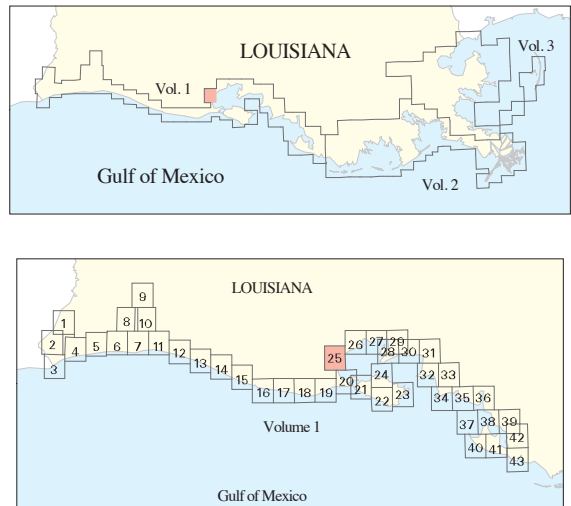


- SHORELINE HABITATS (ESI)
- 1B EXPOSED, SOLID MAN-MADE STRUCTURES
 - 2A EXPOSED WAVE-CUT PLATFORMS IN CLAY OR MUD
 - 2B EXPOSED SCARPS AND STEEP SLOPES IN CLAY OR MUD
 - 3A FINE- TO MEDIUM-GRAINED SAND BEACHES
 - 3B SCARPS AND STEEP SLOPES IN SAND
 - 4 COARSE-GRAINED SAND BEACHES
 - 5 MIXED SAND AND 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



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National Ocean Service
Office of Response and Restoration
Emergency Response Division



Louisiana: ESIMAP 25

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
170	Black-necked stilt		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Buff-breasted sandpiper						X	X		X	X	X			-	-	-
	Great egret		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Greater white-fronted goose		X	X	X						X	X	X		-	-	-
	Little blue heron		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Long-billed dowitcher		X	X	X	X			X	X	X	X	X		-	-	-
	Northern harrier		X	X	X				X	X	X	X			-	-	-
	Snow goose		X	X	X	X					X	X			-	-	-
	White ibis		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	White-faced ibis		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Yellow rail		X	X	X	X					X	X	X		-	-	-
330	Dabbling ducks	100,000S	X	X	X	X			X	X	X	X			-	-	-
	Diving ducks	100S	X	X	X	X			X	X	X				-	-	-
	Snow goose	10,000S	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	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		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	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	X		-	-	-
	American wigeon		X	X	X	X					X	X	X		-	-	-
	Blue-winged teal		X	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	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	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	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	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		-	-	-

FISH:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
231	Alligator gar	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	American eel	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Anchovies	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC	JAN-DEC
	Atlantic spadefish	ABUNDANT					X	X	X	X	X	X			-	-	-	-	-
	Black drum	HIGHLY ABUNDANT	X	X						X	X	X	X		-	-	-	SEP-FEB	SEP-FEB
	Blue catfish	HIGHLY ABUNDANT	X	X	X							X			-	-	-	DEC-MAR	DEC-MAR
	Bowfin	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Bream	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-NOV	JAN-DEC	JAN-DEC
	Buffalo	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Channel catfish	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JUL	-	-	JAN-DEC
	Crappie	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	FEB-MAY	FEB-MAY	FEB-JUN	JAN-DEC	JAN-DEC
	Croakers	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Flathead catfish	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Forage fish	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Freshwater drum	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Gafftopsail catfish	ABUNDANT			X	X	X	X	X	X	X	X			-	-	-	-	-
	Gulf menhaden	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	AUG-APR	JAN-DEC	JAN-DEC
	Killifish	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	-	-	JAN-DEC	JAN-DEC
	Largemouth bass	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	-	-	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
	Pipefish	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Shad	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	MAR-MAY	MAR-JUN	MAR-JUL	JAN-DEC
	Southern flounder	ABUNDANT		X	X	X	X	X	X	X	X				-	-	-	MAR-NOV	MAR-NOV
	Spotted gar	PRESENT	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			-	-	-	DEC-MAR	DEC-MAR
	Striped mullet	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	White bass	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	White trout	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
234	Alligator gar	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	American eel	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Anchovies	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC	JAN-DEC
	Black drum	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Blue catfish	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JUL	-	JAN-DEC	JAN-DEC
	Bowfin	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Bream	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-NOV	JAN-DEC	JAN-DEC
	Buffalo	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Channel catfish	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JUL	-	-	JAN-DEC
	Crappie	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	FEB-MAY	FEB-MAY	FEB-JUN	JAN-DEC	JAN-DEC
	Croakers	HIGHLY ABUNDANT	X	X	X	X	X	X			X				-	-	-	-	-
	Flathead catfish	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Freshwater drum	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Gulf menhaden	HIGHLY ABUNDANT	X	X	X	X	X								-	-	JAN-APR	JAN-JUN	JAN-JUN
	Killifish	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	-	-	JAN-DEC	JAN-DEC
	Largemouth bass	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	-	-	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
	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	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-

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Louisiana: ESIMAP 25 (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
234	Shad	HIGHLY ABUNDANT	X X X X X X X X X X X	MAR-MAY	MAR-MAY	MAR-JUN	MAR-JUL	JAN-DEC
	Southern flounder	PRESENT	X X X X X X X X X X X	-	-	-	-	-
	Spotted gar	ABUNDANT	X X X X X X X X X X X	MAR-APR	MAR-APR	MAR-APR	MAR-JUN	JAN-DEC
	Striped mullet	HIGHLY ABUNDANT	X X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	White bass	PRESENT	X X X X X X X X X X X	-	-	-	-	-
	White trout	ABUNDANT	X X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
235	Alligator gar	ABUNDANT	X X X X X X X X X X X	-	-	-	-	-
	Anchovies	ABUNDANT	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	-	-	-	-	-
	Black drum	HIGHLY ABUNDANT	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	APR-JUN	APR-JUN	-	NOV-JUN	NOV-JUN
	Bull shark	ABUNDANT	X X X X X	-	-	MAY-SEP	JUN-SEP	-
	Croakers	ABUNDANT	X X X X X X X X X X X	-	-	-	-	-
	Gafftopsail catfish	ABUNDANT	X X X X X X X X	-	-	-	-	-
	Gulf menhaden	HIGHLY ABUNDANT	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	-	-	-	-	-
	Paddlefish	PRESENT	X X X X X X X X X X X	-	-	-	-	-
	Pipefish	PRESENT	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	-	-	-	JAN-DEC	SEP-FEB
	Shad	HIGHLY ABUNDANT	X X X X X X X X X X X	-	-	-	-	-
	Sheepshead	COMMON	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	-	-	-	JAN-DEC	JAN-DEC
	Spotted seatrout	ABUNDANT	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	-	-	-	JAN-DEC	JAN-DEC
	White trout	HIGHLY ABUNDANT	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
231	Blue crab	HIGHLY 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-JAN	-
	Fiddler crab	PRESENT	X X X X X X X X X X X	JUN-AUG	-	-	-	-
	Grass shrimp	ABUNDANT	X X X X X X X X X X X	-	-	-	-	-
	Red swamp crawfish	PRESENT	X X X X X X X X X X X	MAR-MAY	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	River shrimp	PRESENT	X X X X X X X X X X X	-	-	APR-JUL	JUL-SEP	JAN-DEC
	Squid	PRESENT	X X X	-	-	-	JUN-AUG	JUN-AUG
	White shrimp	HIGHLY ABUNDANT	X X X X X X X X X X X	-	-	MAY-NOV	JAN-DEC	-
234	Blue crab	ABUNDANT	X X X X X X X	APR-AUG	APR-AUG	APR-AUG	FEB-AUG	FEB-AUG
	Grass shrimp	ABUNDANT	X X X X X X X X X X X	-	-	-	-	-
	Red swamp crawfish	PRESENT	X X X X X X X X X X X	MAR-MAY	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	River shrimp	PRESENT	X X X X X X X X X X X	-	-	APR-JUL	JUL-SEP	JAN-DEC
	White shrimp	ABUNDANT	X X X X X	-	-	JUL-NOV	JUN-NOV	-
235	Atlantic rangia	ABUNDANT	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	-	-	-	-	-
	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-JAN	-
	Grass shrimp	COMMON	X X X X X X X X X X X	-	-	-	-	-
	River shrimp	ABUNDANT	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	-	-	MAY-NOV	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	-	-	-	-
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
39	American alligator	76-125 AC/NEST	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	MAY-JUL	JUL-SEP	-	JAN-DEC	JAN-DEC
282	Kemp's ridley sea turtle	E E ABUNDANT	X 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 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	-	-	-	MAR-NOV	MAR-NOV

HUMAN USE RESOURCES:

AIRPORT:

HUN#	Name	Contact	Phone
4	CENTRAL INDUSTRIES		

BOAT RAMP:

HUN#	Name	Contact	Phone
41	INTRACOASTAL CITY PUBLIC BOAT LAUNCH		

HELIPORT:

HUN#	Name	Contact	Phone
690	AIR LOGISTICS (INTRACOASTAL CITY)		
705	CHEVRON INTRACOASTAL		

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
779	PUBLIC OYSTER AREA	LDWF	
782	STATE WILDLIFE REFUGE	LDWF	

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