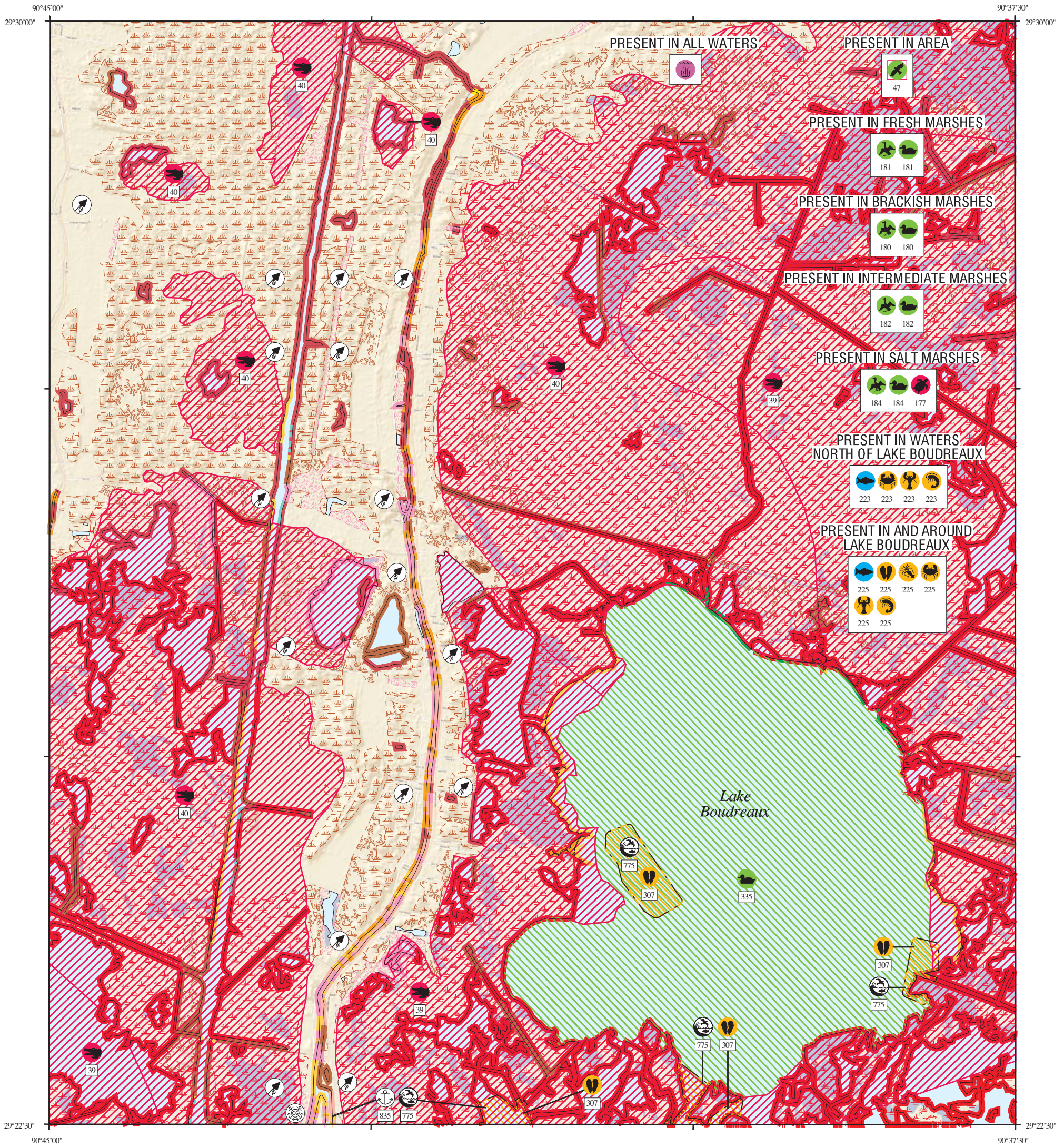


ENVIRONMENTAL SENSITIVITY INDEX MAP



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

SCALE 1:50000

1 0.5 0 1 KILOMETER

1 0.5 0 1 NAUTICAL MILE

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LOUISIANA

Gulf of Mexico

Vol. 1 Vol. 2 Vol. 3

LOUISIANA

Gulf of Mexico

Volume 2

Louisiana: ESIMAP 54

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
47	Bald eagle	E	X	X	X	X	X	X	X	X	X	X	X	X	NOV-APR	-	-
180	American coot	UP TO 353 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	American white pelican	1000S	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	American wigeon	UP TO 90 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Blue-winged teal	UP TO 87 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Canvasback	UP TO 3 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Gadwall	UP TO 800 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Green-winged teal	UP TO 164 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Hooded merganser	UP TO 3 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Mallard	UP TO 35 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Mottled duck	UP TO 28 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	-
	Northern pintail	UP TO 11 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Northern shoveler	UP TO 32 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Ring-necked duck	UP TO 26 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Scaup	UP TO 90 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
181	American coot	UP TO 1063 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	American white pelican	1000S	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	American wigeon	UP TO 98 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Blue-winged teal	UP TO 99 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Canvasback	UP TO 64 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Gadwall	UP TO 394 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Green-winged teal	UP TO 251 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Hooded merganser	UP TO 1 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Mallard	UP TO 338 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Mottled duck	UP TO 12 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	-
	Northern pintail	UP TO 259 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Northern shoveler	UP TO 36 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Ring-necked duck	UP TO 289 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Scaup	UP TO 281 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
182	American coot	UP TO 1058 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	American white pelican	100S	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	American wigeon	UP TO 113 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Blue-winged teal	UP TO 103 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Canvasback	UP TO 106 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Gadwall	UP TO 492 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Green-winged teal	UP TO 147 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Hooded merganser	UP TO 1 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Mallard	UP TO 32 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Mottled duck	UP TO 38 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	-
	Northern pintail	UP TO 484 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Northern shoveler	UP TO 25 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Ring-necked duck	UP TO 403 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Scaup	UP TO 196 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
184	American coot	UP TO 2 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	American white pelican	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	American wigeon	UP TO 19 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Blue-winged teal	UP TO 12 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Canvasback	UP TO 2 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Gadwall	UP TO 181 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Green-winged teal	UP TO 232 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Hooded merganser	UP TO 8 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Mallard	UP TO 4 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Mottled duck	UP TO 17 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	-
	Northern pintail	UP TO 6 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Northern shoveler	UP TO 9 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Ring-necked duck	UP TO 9 IND/SQ MI	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Scaup	UP TO 468 IND/SQ MI	X	X	X	X	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
223	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	PRESENT	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	COMMON	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	-	-	-	-	-
	Freshwater drum	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Killifish	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	-	-	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	-	-	-	-	-
	Red drum	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Shad	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	MAR-MAY	MAR-JUN	MAR-JUL	JAN-DEC
	Sheepshead	ABUNDANT	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	-	-	-	OCT-MAR	OCT-MAR
	Spotted gar	COMMON	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	-	-	-	OCT-FEB	OCT-FEB
	Striped mullet	COMMON	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	-	-	-	-	-
225	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
	Atlantic spadefish	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Atlantic tripletail	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	APR-OCT	APR-OCT
	Black drum	HIGHLY ABUNDANT	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	-	-	-	-	-
	Bull shark	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-SEP	MAR-OCT	-

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Louisiana: ESIMAP 54 (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
225	Channel catfish	COMMON	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	FEB-MAY	FEB-MAY	FEB-JUN	JAN-DEC	JAN-DEC	
	Croakers	HIGHLY ABUNDANT	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	-	-	-	-	-	
	Forage fish	ABUNDANT	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	-	-	-	-	-	
	Gafftopsail catfish	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Gray snapper	ABUNDANT						X	X	X	X	X	X	-	-	-	JUN-OCT	-	
	Gulf menhaden	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	
	Killifish	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	-	-	JAN-DEC	JAN-DEC	
	Kingfishes	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
	Largemouth bass	PRESENT	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	MAR-APR	MAR-APR	MAR-APR	MAR-JUN	JAN-DEC	
	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	-	
	Shad	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	MAR-MAY	MAR-JUN	MAR-JUL	JAN-DEC	
	Sheepshead	HIGHLY ABUNDANT	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	X	X	X	X	-	-	-	OCT-JUL	OCT-JUL	
	Spotted gar	PRESENT	X	X	X	X	X	X	X	X	X	X	X	MAR-APR	MAR-APR	MAR-APR	MAR-JUN	JAN-DEC	
	Spotted seatrout	HIGHLY 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 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	

INVERTEBRATE:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
223	Blue crab	ABUNDANT	X	X								X	X	X	-	-	-	OCT-FEB	OCT-FEB
	Red swamp crawfish	PRESENT	X	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	X	-	-	APR-JUL	JUL-SEP	JAN-DEC
225	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	COMMON									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	JAN-DEC	-
	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	-	-	-	-	-
	Red swamp crawfish	PRESENT	X	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	X	-	-	APR-JUL	JUL-SEP	JAN-DEC
	Squid	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC
	Stone crab	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	White shrimp	HIGHLY ABUNDANT	X	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	X	MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC

REPTILE:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Internesting	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
177	Diamondback terrapin		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-

HUMAN USE RESOURCES:

MANAGEMENT AREA:

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

MARINA:

HUN#	Name	Contact	Phone
835	SEMI-PRIVATE MARINA	MR. NANG	985/580-0380

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