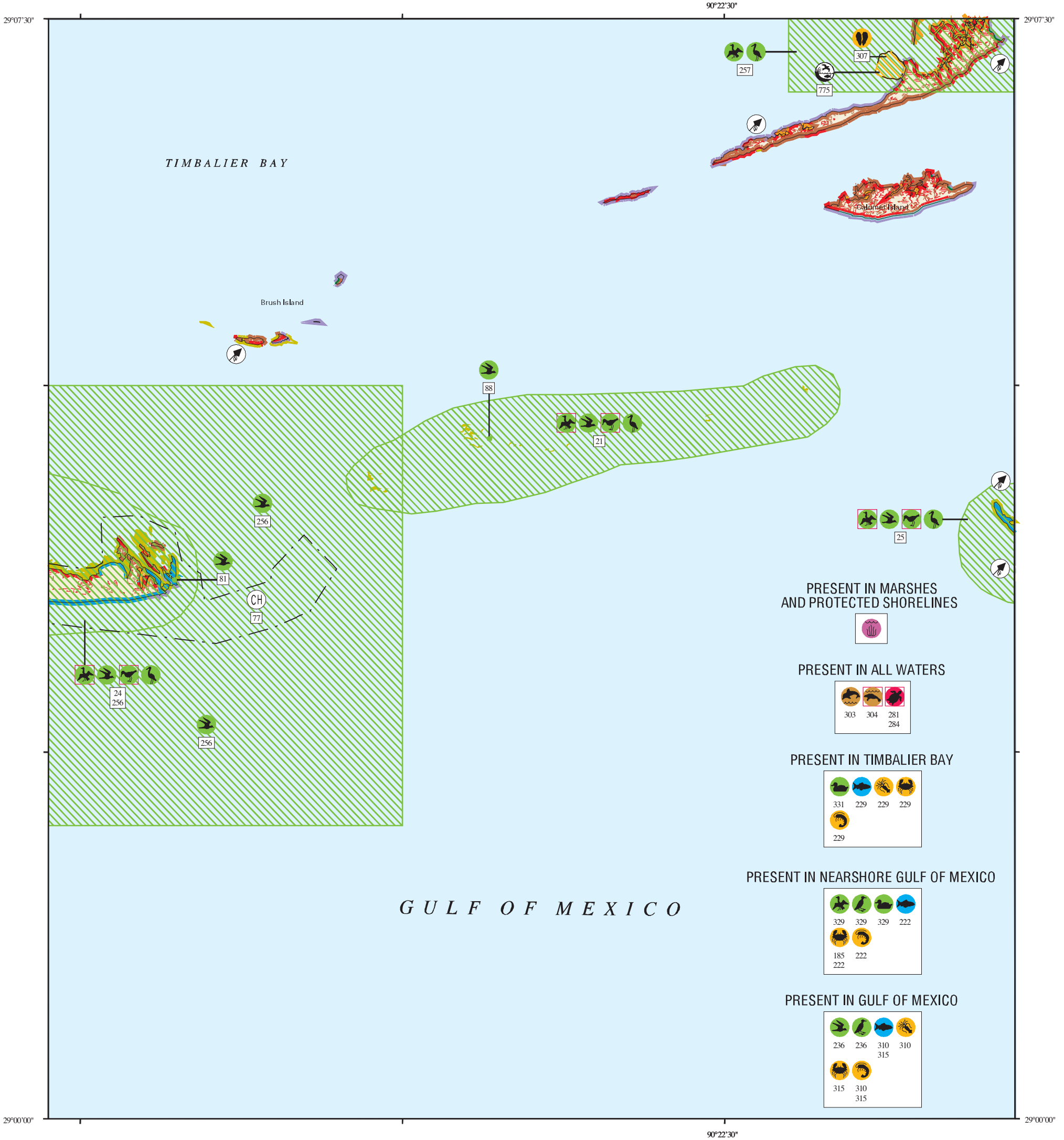


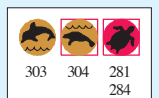
ENVIRONMENTAL SENSITIVITY INDEX MAP



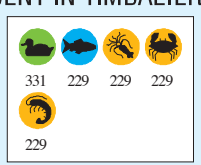
PRESENT IN MARSHES AND PROTECTED SHORELINES



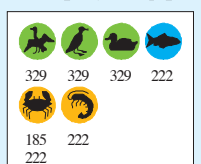
PRESENT IN ALL WATERS



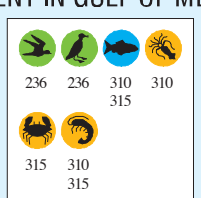
PRESENT IN TIMBALIER BAY



PRESENT IN NEARSHORE GULF OF MEXICO



PRESENT IN GULF OF MEXICO

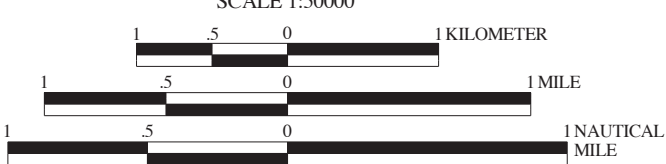


SHORELINE HABITATS (ESI)

- 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

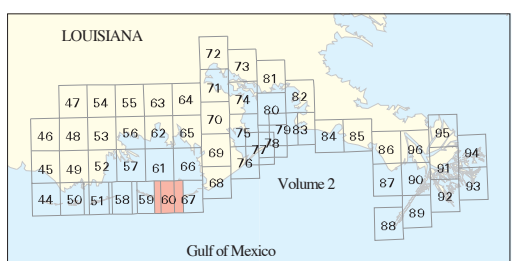


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Louisiana: ESIMAP 60

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
21	American oystercatcher		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	American white pelican		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Baird's sandpiper			X	X	X									-	-	-
	Black skimmer		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Black tern							X	X						-	-	-
	Black-bellied plover		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Brown pelican	E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Caspian tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Double-crested cormorant		X	X	X	X			X	X	X	X			-	-	-
	Dunlin		X	X	X	X			X	X	X	X			-	-	-
	Gull-billed tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Herring gull		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Laughing gull		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Least sandpiper		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Least tern			X	X	X	X	X							-	-	-
	Piping plover	T T	X	X	X			X	X	X	X	X			-	-	-
	Red knot			X	X	X			X	X					-	-	-
	Reddish egret		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Royal tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Ruddy turnstone		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Sandwich tern			X	X	X	X	X							-	-	-
	Semipalmated plover		X	X	X	X			X	X	X	X			-	-	-
	Semipalmated sandpiper			X	X	X	X	X							-	-	-
	Short-billed dowitcher		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Snowy plover		X	X	X			X	X	X	X				-	-	-
	Spotted sandpiper		X	X	X	X		X	X	X	X	X			-	-	-
	Western sandpiper		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Whimbrel			X	X										-	-	-
	Willet		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wilson's plover			X	X	X	X	X	X						-	-	-
24	American oystercatcher		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	American white pelican		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Baird's sandpiper			X	X	X									-	-	-
	Black skimmer		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Black tern							X	X						-	-	-
	Black-bellied plover		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Brown pelican	E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Caspian tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Double-crested cormorant		X	X	X				X	X	X				-	-	-
	Dunlin		X	X	X	X			X	X	X				-	-	-
	Gull-billed tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Herring gull		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Laughing gull		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Least sandpiper		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Least tern	20 PAIRS		X	X	X	X	X							APR-SEP	-	-
	Piping plover	T T	X	X	X			X	X	X	X				-	-	-
	Red knot			X	X	X			X	X					-	-	-
	Reddish egret		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Royal tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Ruddy turnstone		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Sandwich tern			X	X	X	X	X							-	-	-
	Semipalmated plover		X	X	X	X			X	X	X	X			-	-	-
	Semipalmated sandpiper			X	X	X	X	X							-	-	-
	Short-billed dowitcher		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Snowy plover		X	X	X			X	X	X	X				-	-	-
	Spotted sandpiper		X	X	X	X		X	X	X	X	X			-	-	-
	Western sandpiper		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Whimbrel			X	X										-	-	-
	Willet		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wilson's plover	50 PAIRS		X	X	X	X	X							MAR-JUL	-	-
25	American oystercatcher		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	American white pelican		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Baird's sandpiper			X	X	X									-	-	-
	Black skimmer		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Black tern							X	X						-	-	-
	Black-bellied plover		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Brown pelican	E	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Caspian tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Double-crested cormorant		X	X	X				X	X	X				-	-	-
	Dunlin		X	X	X	X			X	X	X				-	-	-
	Gull-billed tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Herring gull		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Laughing gull		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Least sandpiper		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Least tern	4 PAIRS		X	X	X	X	X							APR-SEP	-	-
	Piping plover	T T 11 INDIV	X	X	X			X	X	X	X				-	-	-
	Red knot			X	X	X			X	X					-	-	-
	Reddish egret		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Royal tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Ruddy turnstone		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Sandwich tern			X	X	X	X	X							-	-	-
	Semipalmated plover		X	X	X	X			X	X	X	X			-	-	-
	Semipalmated sandpiper			X	X	X	X	X							-	-	-
	Short-billed dowitcher		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Snowy plover		X	X	X			X	X	X	X				-	-	-
	Spotted sandpiper		X	X	X	X		X	X	X	X	X			-	-	-
	Western sandpiper		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Whimbrel			X	X										-	-	-
	Willet		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wilson's plover	52 PAIRS		X	X	X	X	X							MAR-JUL	-	-
81	Black skimmer	50 PAIRS	X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	-	-
	Least tern	20 PAIRS		X	X	X	X								APR-SEP	-	-
	Sandwich tern	225 PAIRS		X	X	X	X	X							APR-SEP	-	-
88	Black skimmer	300 PAIRS	X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	-	-
	Royal tern	125 PAIRS	X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	-	-
236	Black tern							X	X						-	-	-
	Cory's shearwater							X	X	X	X				-	-	-
	Great shearwater			X				X	X	X	X				-	-	-
	Gulls		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Magnificent frigatebird			X	X	X	X	X							-	-	-
	Northern gannet		X	X	X				X	X					-	-	-
	Parasitic jaeger			X	X			X	X						-	-	-
	Pomarine skua		X	X	X	X		X	X	X	X				-	-	-
	Royal tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Sandwich tern			X	X	X	X	X							-	-	-
256	Terns	40 PAIRS	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	-	-
257	Pelicans	570 PAIRS	X	X	X	X	X	X	X	X	X	X	X	X	NOV-JUL	-	-
	Wading birds	5 PAIRS	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	-

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.

Louisiana: ESIMAP 60 (cont.)

BIOLOGICAL RESOURCES: (cont.)

BIRD: (cont.)

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
329	Common loon		X	X	X	X							X	X	-	-	-
	Northern gannet		X	X	X								X	X	-	-	-
	Scaup	100,000S	X	X	X	X							X	X	-	-	-
	Sea ducks		X	X	X								X	X	-	-	-
331	Scaup	100,000S	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
222	Black drum	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	JAN-JUL	-	JAN-JUL	JAN-DEC	JAN-DEC
	Gafftopsail catfish	ABUNDANT				X	X	X	X	X	X				-	-	-	-	-
	Gulf menhaden	HIGHLY ABUNDANT				X	X	X	X	X	X				-	-	-	-	APR-NOV
	Kingfishes	HIGHLY ABUNDANT	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 snapper		X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC
	Shad	HIGHLY ABUNDANT	X	X						X	X	X	X		-	-	-	-	-
	Spotted seatrout	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	-	APR-SEP	JAN-DEC	JAN-DEC
	Striped mullet	ABUNDANT				X	X	X	X	X	X	X	X		-	-	-	MAR-DEC	MAR-DEC
229	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 sharpnose shark	HIGHLY ABUNDANT				X	X	X	X	X	X				-	-	MAY-OCT	MAR-OCT	MAR-OCT
	Atlantic spadefish	ABUNDANT				X	X	X	X						-	-	-	-	-
	Atlantic tripletail	PRESENT				X	X	X	X	X					-	-	-	APR-OCT	APR-OCT
	Black drum	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-JUL	-	JAN-JUL	JAN-DEC	JAN-DEC
	Blacktip shark	HIGHLY ABUNDANT				X	X	X	X	X					-	-	MAY-OCT	MAR-OCT	MAR-OCT
	Bull shark	ABUNDANT				X	X	X	X	X	X	X	X		-	-	MAY-SEP	MAR-DEC	-
	Cobia	PRESENT							X						-	-	-	-	-
	Croakers	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Finetooth shark					X	X	X	X	X	X				-	-	MAY-OCT	MAR-OCT	MAR-OCT
	Forage fish	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Gafftopsail catfish	ABUNDANT							X	X	X	X			-	-	-	-	-
	Gray snapper	COMMON							X	X	X				-	-	-	-	-
	Gulf menhaden	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X		-	-	AUG-APR	SEP-JUN	SEP-JUN
	Herrings and sardines	PRESENT							X						-	-	-	-	-
	Killifish	ABUNDANT	X	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	X	-	-	-	-	-
	Lane snapper	RARE							X						-	-	-	-	-
	Pipefish	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Red drum	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Scalloped hammerhead					X	X	X	X	X					-	-	MAY-OCT	-	-
	Seahorses	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Shad	ABUNDANT	X						X	X					-	-	-	-	-
	Sheepshead	HIGHLY 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	JAN-DEC	JAN-DEC
	Spanish mackerel	COMMON				X	X	X	X						-	-	-	MAR-AUG	-
	Spotted seatrout	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	-	APR-SEP	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	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	-	MAR-SEP	JAN-DEC	JAN-DEC
310	Anchovies	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	JAN-DEC	JAN-DEC	JAN-DEC
	Atlantic sharpnose shark	HIGHLY ABUNDANT				X	X	X	X	X					-	-	MAY-OCT	MAR-OCT	MAR-OCT
	Atlantic spadefish		X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	SEP-MAY	JAN-DEC
	Atlantic tripletail					X	X	X	X						-	-	-	APR-SEP	APR-SEP
	Blacktip shark	COMMON				X	X	X	X	X					-	-	MAR-OCT	MAR-OCT	MAR-OCT
	Bull shark					X	X	X	X	X					-	-	-	MAR-OCT	MAR-OCT
	Cobia								X	X	X				JUN-AUG	JUN-AUG	JUN-AUG	JUN-SEP	JUN-SEP
	Croakers	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	DEC-MAR	NOV-MAY	-	JAN-DEC
	Finetooth shark					X	X	X	X	X					-	-	MAR-OCT	MAR-OCT	MAR-OCT
	Florida pompano					X	X	X	X	X					-	-	MAY-AUG	APR-NOV	APR-NOV
	Forage fish		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Gray snapper		X	X	X	X	X	X	X	X	X	X	X	X	JUN-NOV	JUN-NOV	JUN-NOV	JAN-DEC	JAN-DEC
	Gray triggerfish		X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-SEP	JUN-SEP	JAN-DEC	JAN-DEC
	Great barracuda		X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	APR-OCT	APR-OCT	JAN-DEC	JAN-DEC
	Great hammerhead		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Herrings and sardines		X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-SEP	JAN-DEC	JAN-DEC
	King mackerel					X	X	X	X	X					JUN-NOV	JUN-NOV	JUN-NOV	MAR-NOV	MAR-NOV
	Lane snapper		X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC
	Red drum	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	AUG-OCT	AUG-NOV	SEP-NOV	JAN-DEC	JAN-DEC
	Scalloped hammerhead		X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-OCT	JAN-DEC	JAN-DEC
	Sheepshead		X	X	X	X	X	X	X	X	X	X	X	X	JAN-APR	JAN-APR	JAN-MAY	-	DEC-MAR
	Shortfin mako		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Southern flounder		X	X	X	X	X	X	X	X	X	X	X	X	SEP-FEB	SEP-FEB	SEP-APR	-	JAN-DEC
	Spanish mackerel					X	X	X	X	X					APR-OCT	APR-OCT	APR-OCT	MAR-OCT	MAR-OCT
	Spinner shark		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Tarpon					X	X	X	X	X					-	-	JUN-AUG	MAY-NOV	MAY-NOV
	White trout		X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-OCT	JAN-DEC	JAN-DEC
315	Gafftopsail catfish	ABUNDANT				X	X	X	X	X					-	-	-	-	-
	Gulf menhaden	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	OCT-APR	OCT-APR	OCT-APR	-	OCT-APR
	Kingfishes		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	-	-	-	-
	Red snapper		X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC
	Spotted seatrout	ABUNDANT				X	X	X	X	X	X				APR-SEP	APR-SEP	-	-	APR-NOV
	Striped mullet		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	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
185	Blue crab	HIGH SPAWNING CONC						X	X	X					JUN-AUG	-	-	-	-
222	Atlantic seabob shrimp	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Blue crab	ABUNDANT	X	X	X	X				X	X	X			-	-	SEP-MAY	SEP-MAY	SEP-MAY
	Grass shrimp	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	White shrimp	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAY-NOV	-	-	-	JAN-DEC
229	Atlantic seabob shrimp	COMMON							X						-	-	-	-	-
	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
	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	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Squid	ABUNDANT	X	X	X														

Louisiana: ESIMAP 60 (cont.)

BIOLOGICAL RESOURCES: (cont.)

REPTILE:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Interesting	Juveniles	Adults
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
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:

CRITICAL HABITAT:

HUN#	Name	Contact	Phone
77	PIPING PLOVER CRITICAL HABITAT	USFWS	

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.