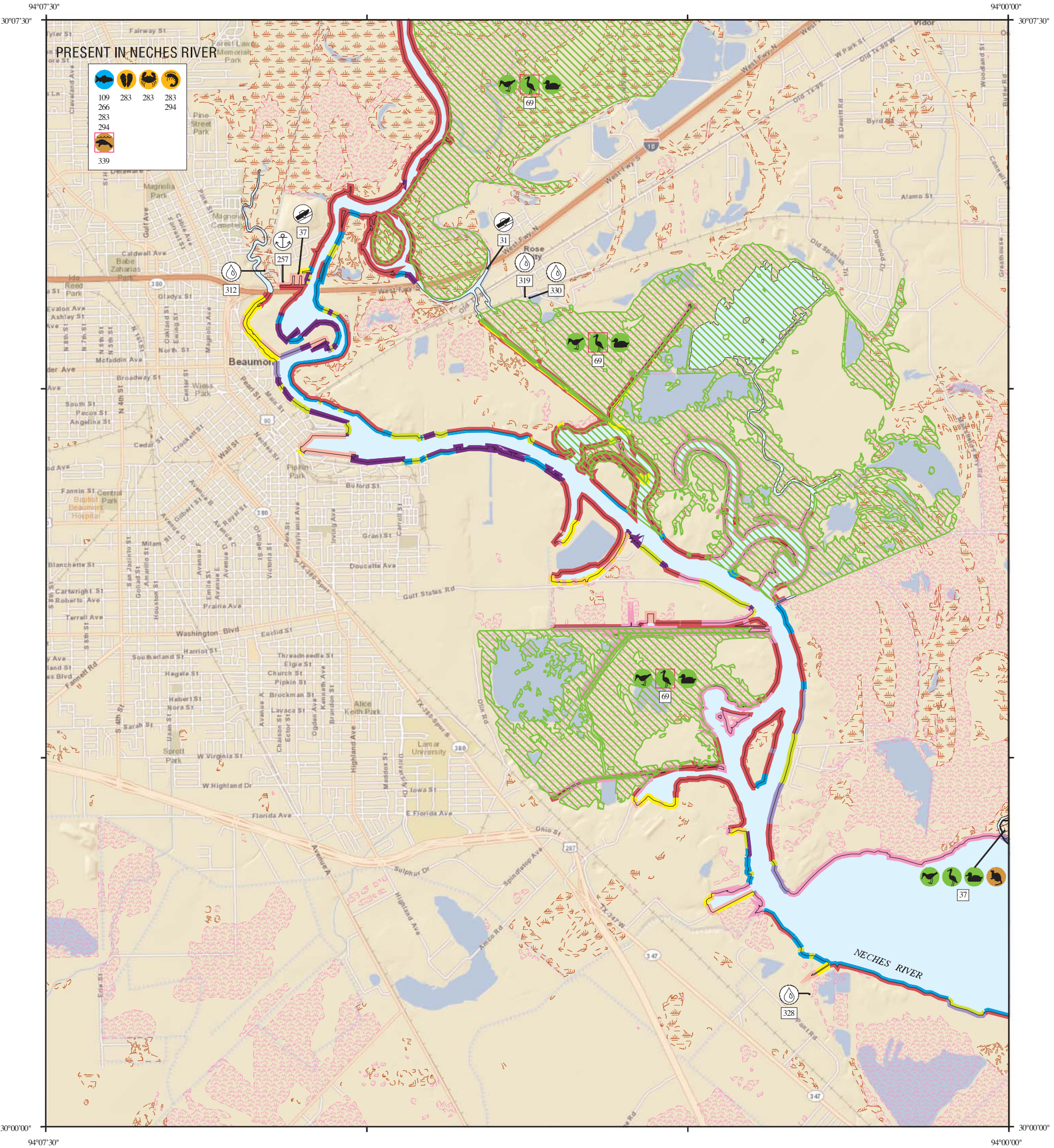
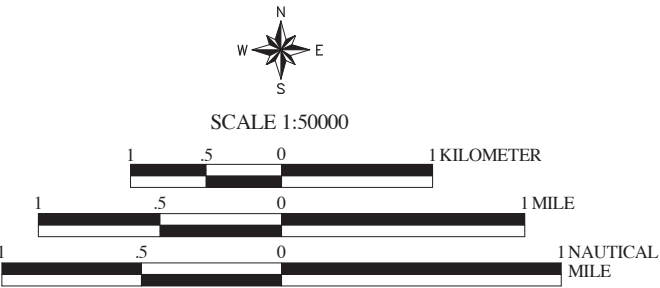


ENVIRONMENTAL SENSITIVITY INDEX MAP



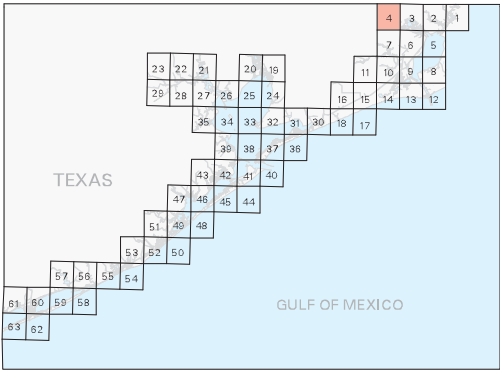
SHORELINE HABITATS (ESI)

- 1B EXPOSED, SOLID MAN-MADE STRUCTURES
- 2A EXPOSED WAVE-CUT PLATFORMS IN CLAY
- 2B EXPOSED SCARPS AND STEEP SLOPES IN CLAY
- 3A FINE- TO MEDIUM-GRAINED SAND BEACHES
- 3B SCARPS AND STEEP SLOPES IN SAND
- 5 MIXED SAND AND GRAVEL (SHELL) BEACHES
- 6A GRAVEL BEACHES
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED SCARPS IN CLAY OR BEDROCK
- 8B SHELTERED, SOLID MAN-MADE STRUCTURES
- 8C SHELTERED RIPRAP
- 9A SHELTERED TIDAL FLATS
- 10A SALT-AND BRACKISH-WATER MARSHES
- 10B FRESHWATER MARSHES
- 10C SWAMPS
- 10D SCRUB-SHRUB WETLANDS



Not For Navigation
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Upper Texas Coast: ESIMAP 4

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
37	Black-necked stilt	10S	X X X X X X X X X	-	-	-
	Dowitchers	100S	X X X X X X X X X X X	-	MAR-MAY JUL-NOV	-
	Dunlin	100S	X X X X X X X X X	-	-	-
	Killdeer	100S	X X X X X X X X X X X	-	DEC-MAR	-
	Marsh birds		X X X X X X X X X X X X	-	-	-
	Mottled duck		X X X X X X X X X X X X	FEB-AUG	-	JUN-AUG
	Shorebirds	100S	X X X X X X X X X X X	-	-	-
	Wading birds		X X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X X X X X	-	-	-
	Western sandpiper	100S	X X X X X X X X X X X X	-	FEB-MAY JUL-NOV	-
	Willet	100S	X X X X X X X X X X X X X	-	APR-APR AUG-AUG	-
	Yellowlegs	10S	X X X X X X X X X X X X	-	MAR-MAY JUL-NOV	-
69	Marsh birds		X X X X X X X X X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X X X	-	-	-
	Wading birds		X X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X X X X X X X X	-	-	-
	Wood stork	T	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
109	Bull shark	RARE	X X X X X X X X X X X	-	MAY-AUG	MAY-AUG	APR-NOV	JAN-DEC
266	Tarpon	RARE	X X X X X X X X X	-	-	-	MAR-NOV	-
283	Alligator gar	COMMON	X X X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Atlantic bumper	RARE	X X	-	-	-	-	AUG-SEP
	Atlantic spadefish	RARE	X X X X	-	-	-	JUL-OCT	-
	Bay anchovy	COMMON	X X X X X X X X X X X	MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC
	Bay whiff	RARE	X X X X X X X X X X X	-	-	-	JUL-AUG	JAN-DEC
	Crevalle jack	COMMON	X X X	-	-	-	JUN-AUG	-
	Gafftopsail catfish	ABUNDANT	X X X X X X X	APR-MAY	-	-	APR-OCT	APR-OCT
	Gizzard shad	ABUNDANT	X X X X X X X X X X X	-	-	-	-	JAN-DEC
	Gulf killifish	COMMON	X X X X X X X X X X X	MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC
	Gulf menhaden	ABUNDANT	X X X X X X X X X X X	-	-	-	JAN-DEC	APR-DEC
	Hardhead catfish	ABUNDANT	X X X X X X X X X X X	MAY-AUG	MAY-SEP	MAY-SEP	JUN-SEP	JAN-DEC
	Pinfish	RARE	X X X X X X	-	-	-	APR-OCT	APR-OCT
	Sand seatrout	COMMON	X X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Sheepshead	COMMON	X X X X X X X X X X X	-	-	-	DEC-FEB	JAN-DEC
	Silver perch	RARE	X X X X X X X X X X X	MAY-SEP	MAY-SEP	MAY-SEP	OCT-NOV	JAN-DEC
	Silversides	COMMON	X X X X X X X X X X X	MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC
	Spanish mackerel	COMMON	X X	-	-	-	SEP-OCT	SEP-OCT
	Spotfin mojarra	RARE	X X	-	-	-	-	-
	Spotted gar	ABUNDANT	X X X X X X X X X X X	APR-MAY	APR-MAY	-	JAN-DEC	JAN-DEC
	Star drum		X X X X X X X X X X X	-	-	-	-	-
	Striped mullet	COMMON	X X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	White mullet	COMMON	X X X X	-	-	-	JUN-SEP	-
294	Atlantic croaker	HIGHLY ABUNDANT	X X X X X X X X X X X	-	-	JAN-JUN	JAN-DEC	JAN-DEC
	Black drum	COMMON	X X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Red drum	COMMON	X X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Southern flounder	COMMON	X X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Spot	HIGHLY ABUNDANT	X X X X X X X X X	-	-	-	MAR-OCT	MAR-NOV
	Spotted seatrout	COMMON	X X X X X X X X X X X	APR-OCT	APR-OCT	APR-OCT	OCT-NOV	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
283	Atlantic rangia	ABUNDANT	X X X X X X X X X X X	MAR-OCT	-	MAR-OCT	JAN-DEC	JAN-DEC
	Blue crab	ABUNDANT	X X X X X X X X X X X	MAR-NOV	-	MAR-NOV	JAN-DEC	JAN-DEC
	Grass shrimp	COMMON	X X X X X X X X X X X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
294	Brown shrimp	ABUNDANT	X X X X X X X X X X	-	-	MAR-APR	APR-DEC	-
	White shrimp	HIGHLY ABUNDANT	X X X X X X X X X X X	-	-	MAY-JUN	APR-DEC	MAR-JAN

MARINE MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
339	West Indian manatee	E E VERY RARE	X X X	-	-	-	-

TERRESTRIAL MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D
37	Northern river otter		X X X X X X X X X X X

HUMAN USE RESOURCES:

BOAT RAMP:

HUN#	Name	Contact	Phone
31	BAYOU MARINA		
37	BEAUMONT YACHT CLUB		

MARINA:

HUN#	Name	Contact	Phone
257	BEAUMONT YACHT CLUB		409/832-1456

WATER INTAKE:

HUN#	Name	Contact	Phone
312	CITY OF BEAUMONT WATER UTILITY DEP		
319	CITY OF ROSE CITY		
328	LUCITE BEAUMONT SITE		
330	NORTH STAR STEEL TEXAS		