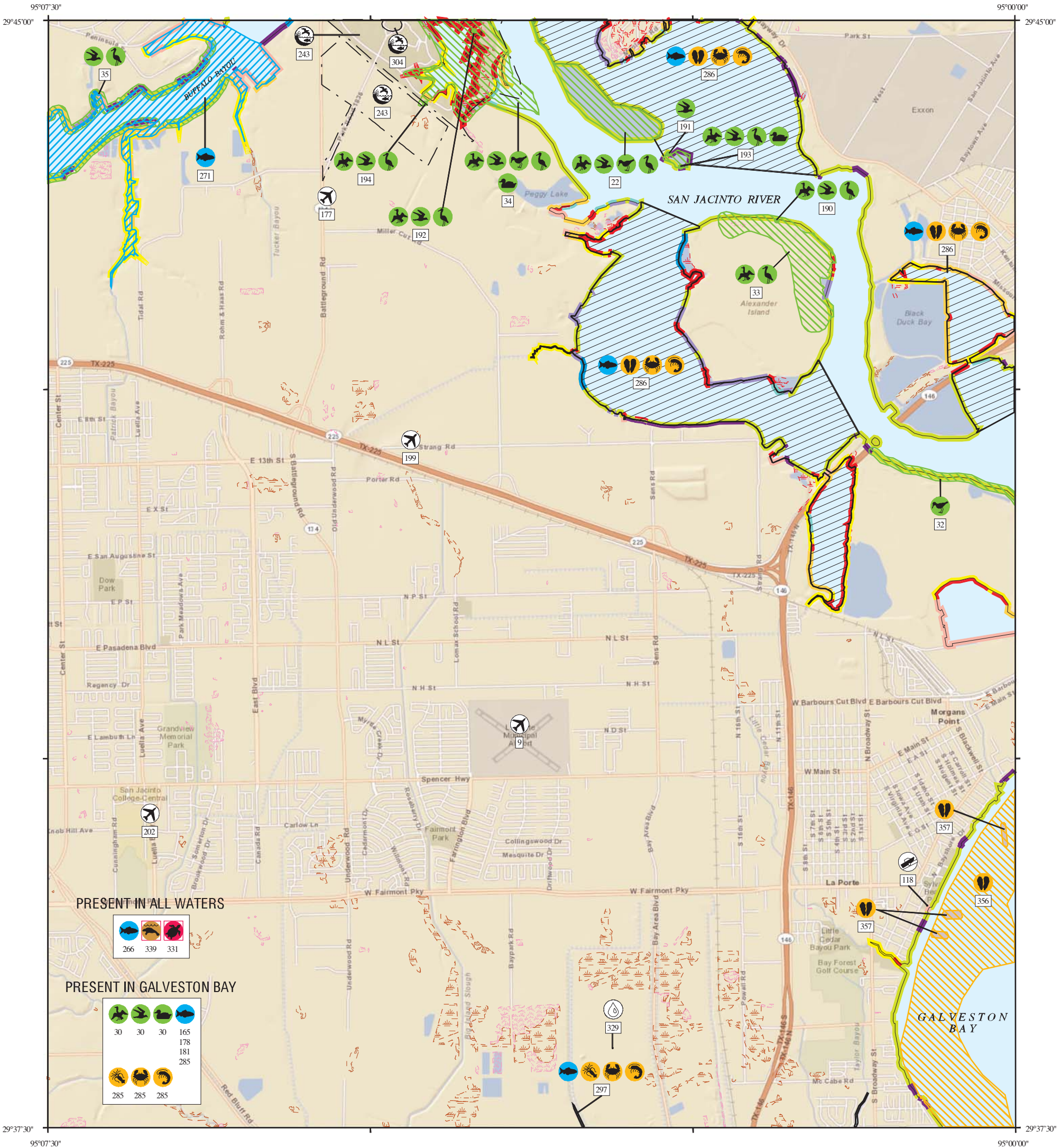


ENVIRONMENTAL SENSITIVITY INDEX MAP



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

SCALE 1:50000

1 KILOMETER

1 MILE

1 NAUTICAL MILE

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Emergency Response Division

TEXAS

GULF OF MEXICO

Upper Texas Coast: ESIMAP 27

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
22	Pelicans		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Shorebirds		X	X	X	X		X	X	X	X	X	X		-	-	-
	Terns		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Wading birds		X	X	X	X	X	X	X	X	X	X	X		-	-	-
30	Cormorants		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Grebes	HIGH	X	X	X	X	X		X	X	X	X		-	-	-	-
	Gulls		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Loons	HIGH	X	X	X	X			X	X	X			-	-	-	-
	Pelicans		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Terns		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Waterfowl	HIGH	X	X	X	X	X	X	X	X	X	X	X		-	-	-
32	Shorebirds		X	X	X	X		X	X	X	X	X		-	-	-	-
33	Cormorants		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Wading birds		X	X	X	X	X	X	X	X	X	X	X		-	-	-
34	Grebes		X	X	X	X	X		X	X	X	X		-	-	-	-
	Gulls		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Loons		X	X	X	X			X	X	X			-	-	-	-
	Marsh birds		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Shorebirds		X	X	X	X		X	X	X	X	X		-	-	-	-
	Terns		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Wading birds		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Waterfowl		X	X	X	X	X	X	X	X	X	X	X		-	-	-
35	Gulls		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Terns		X	X	X	X	X	X	X	X	X	X	X		-	-	-
	Wading birds		X	X	X	X	X	X	X	X	X	X	X		-	-	-
190	Black-crowned night-heron	15 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	APR-MAY	-
	Cattle egret	25-75 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	-	-
	Double-crested cormorant	8 INDIV	X	X	X	X			X	X	X			-	-	-	-
	Forster's tern	15 PAIRS	X	X	X	X	X	X	X	X	X	X	X		MAR-AUG	-	-
	Great blue heron	7-25 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-JUN	-	-
	Great egret	1-24 PAIRS	X	X	X	X	X	X	X	X	X	X	X		MAR-JUL	MAR-APR	-
	Neotropic cormorant	13-140 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-OCT	-	-
	Roseate spoonbill	5-8 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	-	-
	Snowy egret	6-60 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	-	-
191	Black skimmer	5-180 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-SEP	-	-
	Forster's tern	31-875 PAIRS	X	X	X	X	X	X	X	X	X	X	X		MAR-AUG	-	-
	Gull-billed tern	10-122 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	-	-
	Laughing gull	135 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-AUG	-	-
	Least tern	18-157 PAIRS		X	X	X	X	X	X	X	X			-	APR-SEP	-	-
192	American white pelican	4 INDIV	X	X	X					X	X	X		-	-	-	-
	Anhinga	1 PAIR		X	X	X	X	X	X	X	X	X		-	APR-JUN	-	-
	Black-crowned night-heron	1-40 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	APR-MAY	-
	Cattle egret	18 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	-	-
	Great blue heron	2-9 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-JUN	-	-
	Great egret	2-4 PAIRS	X	X	X	X	X	X	X	X	X	X	X		MAR-JUL	MAR-APR	-
	Least tern	6 PAIRS		X	X	X	X	X	X	X				-	APR-SEP	-	-
	Little blue heron	2-5 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	-	-
	Neotropic cormorant	5 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-OCT	-	-
	Roseate spoonbill	2 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	-	-
	Snowy egret	1-3 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	-	-
	Tricolored heron	2 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	-	-
	White ibis	7 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-JUL	-	-
193	Black skimmer	230-427 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-SEP	-	-
	Black-bellied whistling-duck	8 PAIRS	X	X	X	X	X	X	X	X	X	X	X		MAY-AUG	-	-
	Black-crowned night-heron	5-12 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	APR-MAY	-
	Brown pelican	7-215 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	-	-
	Cattle egret	10-1050 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	-	-
	Forster's tern	75-84 PAIRS	X	X	X	X	X	X	X	X	X	X	X		MAR-AUG	-	-
	Great blue heron	1-3 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-JUN	-	-
	Great egret	30-50 PAIRS	X	X	X	X	X	X	X	X	X	X	X		MAR-JUL	MAR-APR	-
	Gull-billed tern	18-29 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	-	-
	Laughing gull	391-10800 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-AUG	-	-
	Least tern	6-315 PAIRS		X	X	X	X	X	X	X				-	APR-SEP	-	-
	Little blue heron	8-10 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	-	-
	Neotropic cormorant	158 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-OCT	-	-
	Roseate spoonbill	4-21 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	-	-
	Royal tern	420-840 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-AUG	-	-
	Sandwich tern	378-560 PAIRS		X	X	X	X	X	X	X	X	X		MAR-AUG	-	-	-
	Snowy egret	15-200 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	-	-
	Tricolored heron	2-25 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	-	-
	White ibis	147-295 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-JUL	-	-
194	American white pelican	6-14 INDIV	X	X	X					X	X	X		-	-	-	-
	Black skimmer	6 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-SEP	-	-
	Black-crowned night-heron	2-7 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	APR-MAY	-
	Brown pelican	3 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	-	-
	Cattle egret	1-5 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	-	-
	Double-crested cormorant	68 INDIV	X	X	X	X			X	X	X			-	-	-	-
	Forster's tern	11 PAIRS	X	X	X	X	X	X	X	X	X	X	X		MAR-AUG	-	-
	Great blue heron	1-5 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-JUN	-	-
	Great egret	4-29 PAIRS	X	X	X	X	X	X	X	X	X	X	X		MAR-JUL	MAR-APR	-
	Laughing gull	1-35 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-AUG	-	-
	Least tern	3 PAIRS		X	X	X	X	X	X	X				-	APR-SEP	-	-
	Little blue heron	4 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	-	-
	Neotropic cormorant	7-13 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-OCT	-	-
	Roseate spoonbill	13 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	-	-
	Royal tern	16 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-AUG	-	-
	Snowy egret	41 PAIRS	X	X	X	X	X	X	X	X	X	X	X		APR-JUL	-	-
	Tricolored heron	1 PAIR	X	X	X	X	X	X	X	X	X	X	X		APR-AUG	-	-
	White ibis	5 PAIRS	X	X	X	X	X	X	X	X	X	X	X		FEB-JUL	-	-
	Yellow-crowned night-heron	1 PAIR	X	X	X	X	X	X	X	X				-	APR-SEP	-	-

FISH:

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
165	Atlantic sharpnose shark				X	X	X	X	X	X	X				JUN-JUN	MAY-JUN	JUN-OCT	-	APR-OCT
178	Bull shark	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	MAY-AUG	MAY-AUG	APR-NOV	JAN-DEC
181	Blacktip shark				X	X	X	X	X	X	X	X			MAY-JUN	MAY-JUN	MAY-NOV	MAR-NOV	MAY-JUN
266	Tarpon	RARE			X	X	X	X	X	X	X	X			-	-	-	MAR-NOV	-
271	Blue catfish		X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	-	-	-	JAN-DEC
	Rainwater killifish		X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUN	-	-	-	-
	Sailfin molly		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Smallmouth buffalo		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
285	Atlantic bumper	COMMON								X	X	X			-	-	-	-	AUG-OCT
	Atlantic croaker	HIGHLY ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	JAN-JUN	JAN-DEC	JAN-DEC
	Atlantic spadefish	RARE								X	X	X			-	-	-	AUG-OCT	-
	Bay anchovy	HIGHLY ABUNDANT	X	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	X	-	-	-	APR-APR	JAN-DEC
	Black drum	COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Crevalle jack	COMMON			X	X	X	X	X	X	X	X	X	X	-	-	-	MAR-NOV	SEP-NOV

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. This is particularly important to recognize when considering potential impacts to protected species.

Upper Texas Coast: ESIMAP 27 (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
285	Gafftopsail catfish	COMMON	X X X X X X X X	APR-MAY	-	-	APR-OCT	MAR-OCT
	Gizzard shad	COMMON	X X X X X X X X X X	-	-	-	-	JAN-DEC
	Gulf butterfish	RARE	X X X X X	-	-	-	-	-
	Gulf killifish	COMMON	X X X X X X X X X X	MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC
	Gulf menhaden	HIGHLY ABUNDANT	X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Hardhead catfish	ABUNDANT	X X X X X X X X X X	MAY-AUG	MAY-SEP	MAY-SEP	MAY-OCT	JAN-DEC
	Pinfish	RARE	X X X X X	-	-	-	APR-AUG	-
	Red drum	COMMON	X X X X X X X X X X	-	-	SEP-NOV	JAN-DEC	JAN-DEC
	Sand seatrout	COMMON	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	-	-	-	JAN-DEC	JAN-DEC
	Silver perch	COMMON	X X X X X X X X X X	MAY-SEP	MAY-SEP	MAY-SEP	MAR-MAR OCT-NOV	JAN-DEC
	Silversides	COMMON	X X X X X X X X X X	MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC
	Southern flounder	ABUNDANT	X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Southern kingfish	COMMON	X X X X X X	-	-	-	MAY-NOV	-
	Spanish mackerel	COMMON	X X X X X	-	-	-	JUN-OCT	JUN-OCT
	Spot	HIGHLY ABUNDANT	X X X X X X X X X X	-	-	-	MAR-SEP	JAN-DEC
	Spotted seatrout	COMMON	X X X X X X X X X X	APR-OCT	APR-OCT	APR-OCT	AUG-NOV	JAN-DEC
	Striped mullet	COMMON	X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	White mullet	COMMON	X X X X X	-	-	-	JUN-OCT	-
286	Alligator gar	COMMON	X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Atlantic croaker	HIGHLY ABUNDANT	X X X X X X X X X X	-	-	JAN-JUN	JAN-DEC	JAN-DEC
	Bay anchovy	COMMON	X X X X X X X X X X	MAR-NOV	MAR-NOV	MAR-NOV	JAN-NOV	JAN-DEC
	Bay whiff	COMMON	X X X X X X X X X X	-	-	-	APR-SEP	JAN-DEC
	Black drum	COMMON	X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Blue catfish	COMMON	X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Crevalle jack	COMMON	X X X X X X X X	-	-	-	MAR-NOV	SEP-NOV
	Gafftopsail catfish	COMMON	X X X X X X X	APR-MAY	-	-	APR-NOV	APR-NOV
	Gizzard shad	COMMON	X X X X X X X X X X	-	-	-	-	JAN-DEC
	Gulf killifish	RARE	X X X X X X X X X X	MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC
	Gulf menhaden	HIGHLY ABUNDANT	X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Hardhead catfish	ABUNDANT	X X X X X X X X X X	MAY-AUG	MAY-SEP	MAY-SEP	JUL-SEP	JAN-DEC
	Pinfish	COMMON	X X X X X	-	-	-	APR-AUG	-
	Red drum	COMMON	X X X X X X X X X X	-	-	SEP-NOV	JAN-DEC	JAN-DEC
	Sand seatrout	COMMON	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	-	-	-	JUL-SEP NOV-APR	JAN-DEC
	Silver perch	RARE	X X X X X X X X X X	MAY-SEP	MAY-SEP	MAY-SEP	NOV-NOV	JAN-DEC
	Silversides	COMMON	X X X X X X X X X X	MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC
	Smallmouth buffalo	HIGHLY ABUNDANT	X X X X X X X X X X	-	-	-	-	JAN-DEC
	Southern flounder	ABUNDANT	X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Southern kingfish	RARE	X X X X X	-	-	-	AUG-OCT	-
	Spanish mackerel	RARE	X X X	-	-	-	SEP-NOV	SEP-NOV
	Spot	HIGHLY ABUNDANT	X X X X X X X X X X	-	-	-	FEB-NOV	JAN-DEC
	Spotfin mojarra	RARE	X X	-	-	-	-	-
	Spotted gar	ABUNDANT	X X X X X X X X X X	APR-MAY	APR-MAY	-	JAN-DEC	JAN-DEC
	Spotted seatrout	COMMON	X X X X X X X X X X	APR-OCT	APR-OCT	APR-OCT	SEP-NOV	JAN-DEC
	Striped mullet	COMMON	X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	White mullet	COMMON	X X X X X	-	-	-	JUN-NOV	-
297	Alligator gar		X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Atlantic croaker	HIGHLY ABUNDANT	X X X X X X X X X X	-	-	JAN-JUN	JAN-DEC	JAN-DEC
	Atlantic spadefish	RARE	X X X X	-	-	-	JUN-SEP	-
	Bay anchovy	HIGHLY ABUNDANT	X X X X X X X X X X	MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC
	Bay whiff	COMMON	X X X X X X X X X X	-	-	-	MAY-JUL	JAN-DEC
	Black drum	COMMON	X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Crevalle jack	RARE	X X X X X X X	-	-	-	MAR-NOV	-
	Gafftopsail catfish	COMMON	X X X X X X X X X X	APR-MAY	-	-	APR-NOV	JAN-DEC
	Gizzard shad	COMMON	X X X X X X X X X X	-	-	-	-	JAN-DEC
	Gulf killifish	RARE	X X X X X X X X X X	MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC
	Gulf menhaden	HIGHLY ABUNDANT	X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	Hardhead catfish	ABUNDANT	X X X X X X X X X X	MAY-AUG	MAY-SEP	MAY-SEP	JUL-OCT	JAN-DEC
	Pinfish	COMMON	X X X X X X	-	-	-	MAR-SEP	JUL-SEP
	Red drum	COMMON	X X X X X X X X X X	-	-	SEP-NOV	JAN-DEC	JAN-DEC
	Sand seatrout	COMMON	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	-	-	-	NOV-JUN	JAN-DEC
	Silver perch	RARE	X X X X X X X X X X	MAY-SEP	MAY-SEP	MAY-SEP	MAR-JUN OCT-DEC	JAN-DEC
	Silversides	COMMON	X X X X X X X X X X	MAR-AUG	MAR-AUG	MAR-AUG	JAN-DEC	JAN-DEC
	Southern flounder	ABUNDANT	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 X	-	-	-	MAR-OCT	JAN-DEC
	Spotted gar		X X X X X X X X X X	APR-MAY	APR-MAY	-	JAN-DEC	JAN-DEC
	Spotted seatrout	COMMON	X X X X X X X X X X	APR-OCT	APR-OCT	APR-OCT	JUN-DEC	JAN-DEC
	Striped mullet	COMMON	X X X X X X X X X X	-	-	-	JAN-DEC	JAN-DEC
	White mullet	COMMON	X X X X X X	-	-	-	APR-SEP	-

INVERTEBRATE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
285	Blue crab	ABUNDANT	X X X X X X X X X X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Brief squid	COMMON	X X X X X X X X	MAR-DEC	MAR-DEC	MAR-DEC	MAR-DEC	MAR-DEC
	Brown shrimp	ABUNDANT	X X X X X X X X X X	-	-	FEB-APR	APR-JAN	-
	Grass shrimp	ABUNDANT	X X X X X X X X X X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Lesser blue crab	COMMON	X X X X X X	-	-	-	JUL-OCT	SEP-DEC
	White shrimp	ABUNDANT	X X X X X X X X X X	-	-	JUN-OCT	JUN-DEC	JAN-DEC
286	Atlantic rangia	ABUNDANT	X X X X X X X X X X	MAR-OCT	-	MAR-OCT	JAN-DEC	JAN-DEC
	Blue crab	HIGHLY ABUNDANT	X X X X X X X X X X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Brown shrimp	ABUNDANT	X X X X X X X X	-	-	FEB-APR	APR-NOV	-
	Grass shrimp	ABUNDANT	X X X X X X X X X X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Lesser blue crab	COMMON	X X X X X	-	-	-	APR-OCT	-
	White shrimp	HIGHLY ABUNDANT	X X X X X X X X X X	-	-	APR-OCT	APR-DEC	JAN-DEC
297	Blue crab	HIGHLY ABUNDANT	X X X X X X X X X X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Brief squid	RARE	X X	MAY-JUN	MAY-JUN	MAY-JUN	MAY-JUN	MAY-JUN
	Brown shrimp	ABUNDANT	X X X X X X X X X X	-	-	FEB-APR	JAN-DEC	-
	Grass shrimp	ABUNDANT	X X X X X X X X X X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Gulf stone crab	RARE	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	-	-	JUN-OCT	JAN-DEC	NOV-SEP
356	Eastern oyster	UNCONSOLIDATED	X X X X X X X X X X	MAR-DEC	MAR-DEC	-	-	JAN-DEC
357	Eastern oyster	REEF	X X X X X X X X X X	MAR-DEC	MAR-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
339	West Indian manatee	E E VERY RARE	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
331	Kemp's ridley sea turtle	E E COMMON	X X X X X X X X	-	-	-	APR-NOV	-

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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. This is particularly important to recognize when considering potential impacts to protected species.

Upper Texas Coast: ESIMAP 27 (cont.)

HUMAN USE RESOURCES:

AIRPORT:

HUN#	Name	Contact	Phone
9	LA PORTE MUNI		

BOAT RAMP:

HUN#	Name	Contact	Phone
118	SYLVAN BEACH BOAT RAMP		

HELIPORT:

HUN#	Name	Contact	Phone
177	LA PORTE PLANT		
199	RENTAL TOOLS		
202	SAN JACINTO COLLEGE CENTRAL CAMPUS		

MANAGEMENT AREA:

HUN#	Name	Contact	Phone
243	SAN JACINTO BATTLEGROUND SHS	TPWD	

PARK:

HUN#	Name	Contact	Phone
304	SAN JACINTO MONUMENT SP	TPWD	

WATER INTAKE:

HUN#	Name	Contact	Phone
329	LYONDELLBASELL BAYPORT POLYMERS		