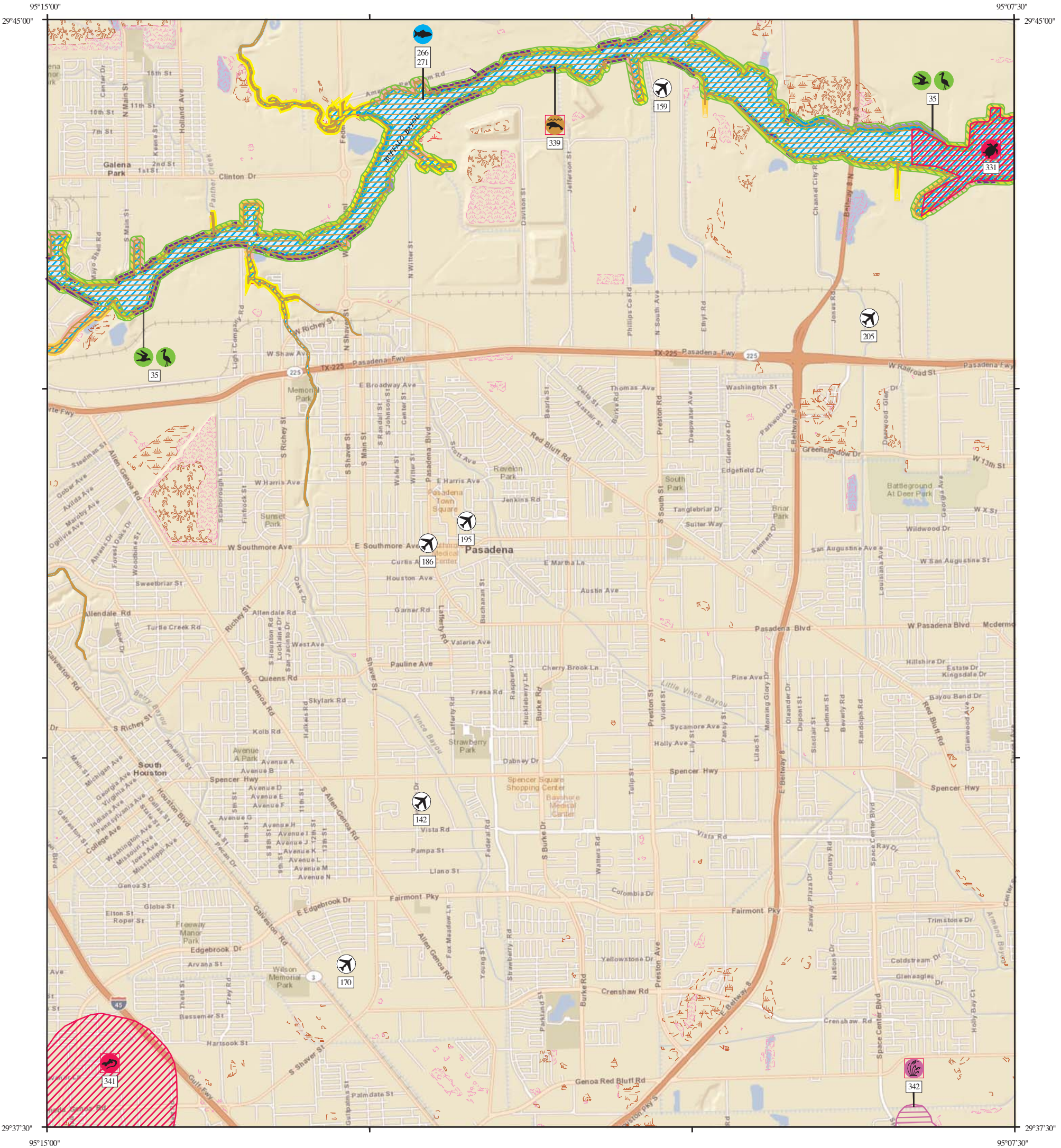
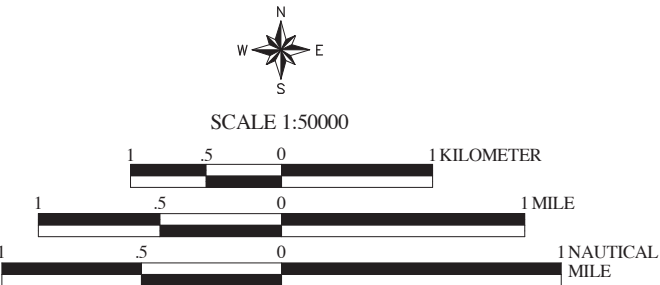


ENVIRONMENTAL SENSITIVITY INDEX MAP

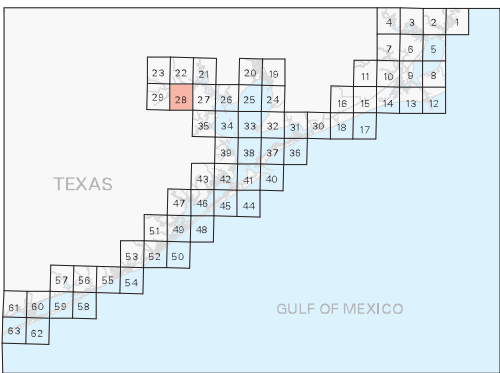


SHORELINE HABITATS (ESI)

- 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
Published: June 2013
Published at Seattle, Washington
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Response and Restoration
Emergency Response Division



Upper Texas Coast: ESIMAP 28

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
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	-	-	-

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
266	Tarpon	RARE	X X X X X X X X X	-	-	-	MAR-NOV	-
271	Blue catfish		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	FEB-JUN	-	-	-	-
	Sailfin molly		X X X X X X X X X X X	-	-	-	-	-
	Smallmouth buffalo		X X X X X X X X X X X	-	-	-	-	JAN-DEC

HABITAT:

RAR#	Species	S F Conc.	J F M A M J J A S O N D
342	Texas prairie dawn	E E	X X X X X X

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	Internesting	Juveniles	Adults
331	Kemp's ridley sea turtle	E E COMMON	X X X X X X X X X	-	-	-	APR-NOV	-
341	Houston toad	E E	X X X X X X X X X X X	FEB-JUN	FEB-JUN	-	JAN-DEC	JAN-DEC

HUMAN USE RESOURCES:

HELIPORT:

HUN#	Name	Contact	Phone
142	3321 WESTSIDE		
159	ETHYL CORP		
170	HL&P SOUTH HOUSTON HELISTOP		
186	MEMORIAL HOSPITAL		
195	POLICE		
205	SHELL DEER PARK REFINERY		