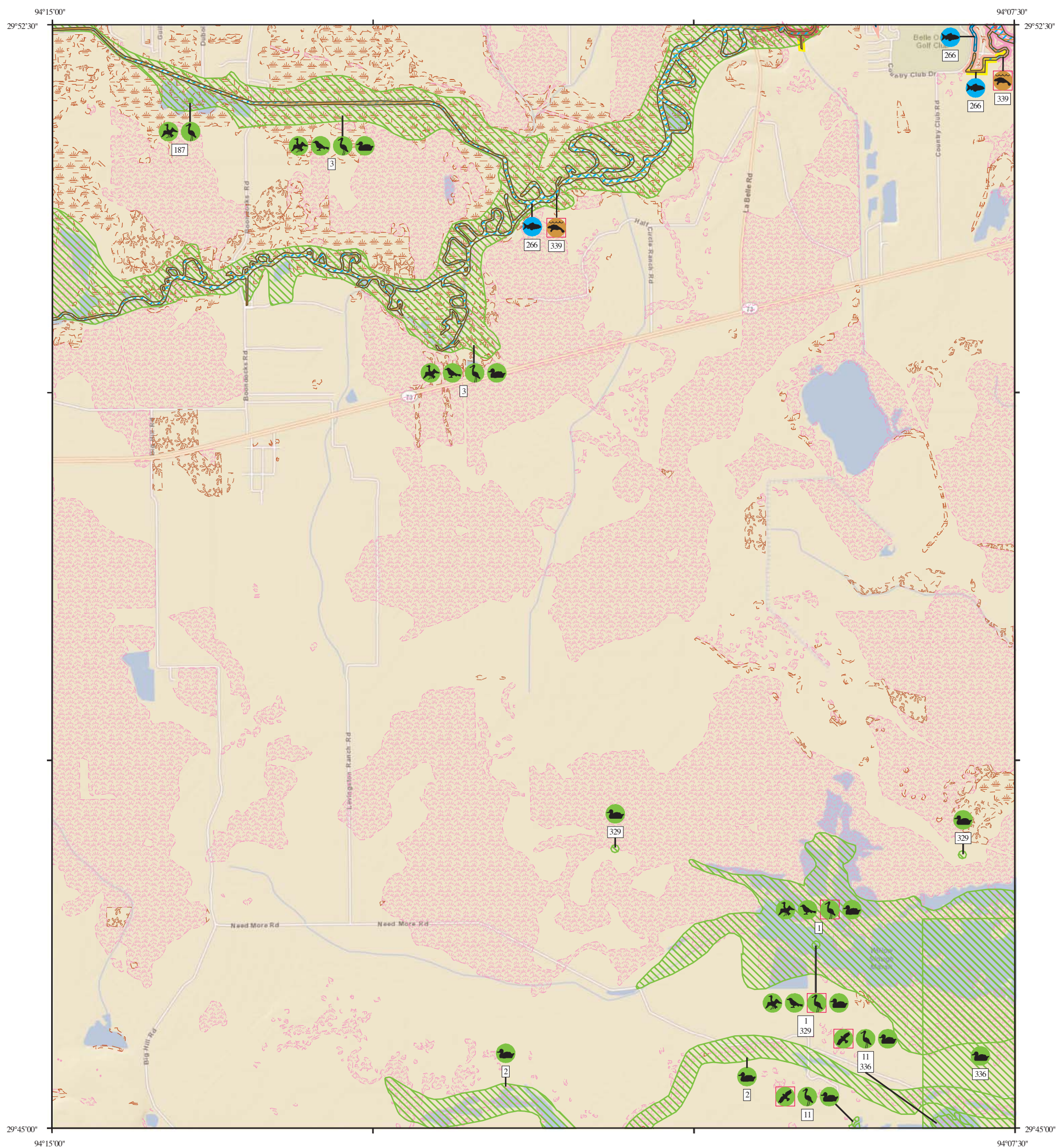


# ENVIRONMENTAL SENSITIVITY INDEX MAP

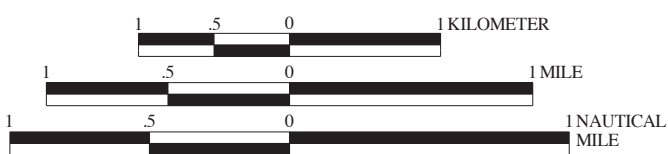


## SHORELINE HABITATS (ESI)

- |   |   |
|---|---|
|  | 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            |

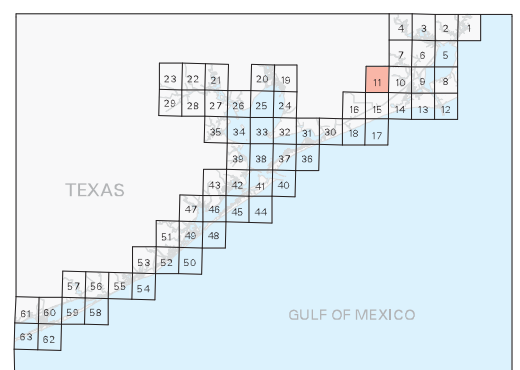


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Emergency Response Division



ALLIGATOR HOLE MARSH, TEX.(1979) ESI-11

Upper Texas Coast: ESIMAP 11

BIOLOGICAL RESOURCES:

BIRD:																			
RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting		
-----																			
1	Anhinga			X	X	X	X	X	X	X	X	X	X		-	-	-		
	Diving birds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-		
	Egrets		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-		
	Hérons		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-		
	Marsh birds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-		
	Migratory songbirds				X	X									-	-	-		
	Roseate spoonbill		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	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-		
	White ibis		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-		
	White-faced ibis	T	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-		
2	Waterfowl		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-		
3	Diving birds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-		
	Marsh birds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-		
	Migratory songbirds				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	-	-	-		
11	Dabbling ducks		X	X	X	X				X	X	X	X		-	-	-		
	Marsh birds		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-		
	Osprey		X	X	X	X				X	X	X	X		-	-	-		
	Peregrine falcon	T	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	-	-	-		
187	Anhinga	40 PAIRS		X	X	X	X	X	X	X	X	X	X		APR-JUN	-	-		
	Black-crowned night-heron	8 PAIRS	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-MAY	-		
	Cattle egret	500 PAIRS	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-		
	Great egret	175 PAIRS	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-APR	-		
	Little blue heron	200 PAIRS	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-		
	Roseate spoonbill	50 PAIRS	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	-	-		
	Snowy egret	2 PAIRS	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-		
	Tricolored heron	10 PAIRS	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	-	-		
	Yellow-crowned night-heron	10 PAIRS		X	X	X	X	X	X	X	X	X			APR-SEP	-	-		
329	Greater white-fronted goose		X	X	X	X						X	X	X	-	-	-		
	Snow goose		X	X	X							X	X	X	-	-	-		
336	American coot	10000S	X	X	X	X					X	X	X	X	-	-	-		
	American wigeon	1000S	X	X	X						X	X	X	X	-	-	-		
	Blue-winged teal	10000S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-		
	Bufflehead	PRESENT	X	X	X							X	X		-	-	-		
	Canada goose	100S	X	X	X							X	X	X	-	-	-		
	Canvasback	100S	X	X	X							X	X	X	-	-	-		
	Fulvous whistling-duck	100S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-		
	Gadwall	10000S	X	X	X	X					X	X	X	X	-	-	-		
	Greater white-fronted goose	1000S	X	X	X							X	X	X	-	-	-		
	Green-winged teal	10000S	X	X	X	X					X	X	X	X	-	-	-		
	Lesser scaup	1000S	X	X	X	X						X	X	X	-	-	-		
	Mallard	1000S	X	X	X							X	X	X	-	-	-		
	Mottled duck	100S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	JUN-AUG		
	Northern pintail	10000S	X	X	X						X	X	X	X	-	-	-		
	Northern shoveler	1000S	X	X	X	X					X	X	X	X	-	-	-		
	Redhead	10S	X	X	X							X	X	X	-	-	-		
	Ring-necked duck	10000S	X	X	X							X	X	X	-	-	-		
	Ruddy duck	100S	X	X	X							X	X	X	-	-	-		
	Snow goose	10000S	X	X	X							X	X	X	-	-	-		
	Wood duck	10S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	-		
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	X	-	-	-	MAR-NOV	-
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					-	-	-	-	-
=====																			

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.