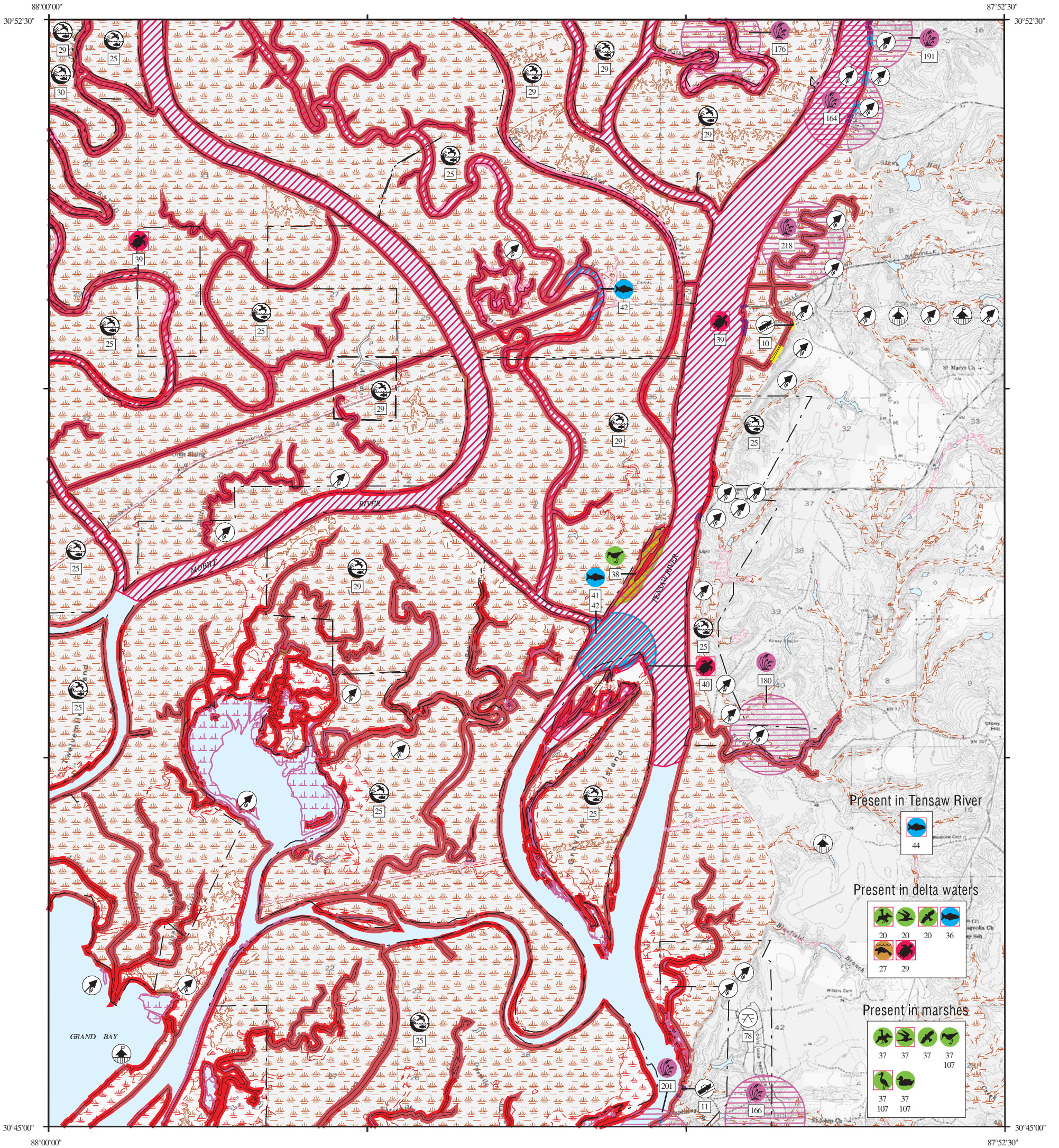


# ENVIRONMENTAL SENSITIVITY INDEX MAP



## SHORELINE HABITATS (ESI)

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

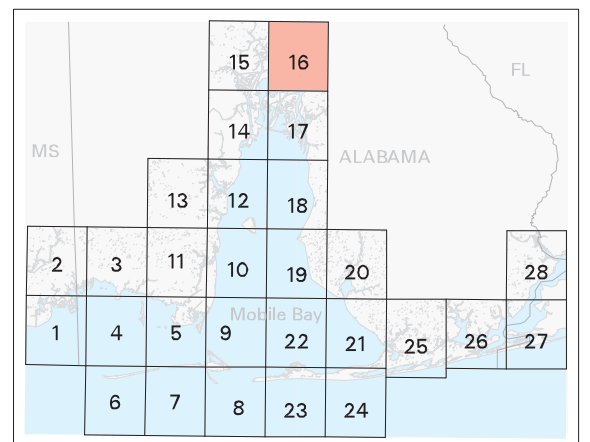


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Emergency Response Division



**Alabama: ESIMAP 16**

**BIOLOGICAL RESOURCES:**

**BIRD:**

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting	
20	American white pelican	P	X	X	X	X							X	X	X	-	-	-
	Anhinga		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	Brown pelican		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	Double-crested cormorant		X	X	X							X	X	X	-	-	-	
	Forster's tern		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	-	-	-	
	Osprey	P	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-	
	Ring-billed gull		X	X	X	X							X	X	-	-	-	
	Royal tern		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
37	American avocet	HIGH	X	X	X								X	X	X	-	-	-
	American bittern		X	X	X									X	-	-	-	
	American black duck	RARE	X	X	X								X	X	X	-	-	-
	American coot		X	X	X								X	X	X	-	-	-
	American wigeon		X	X									X	X	-	-	-	
	Black skimmer		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	Canada goose		X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	-	-	
	Caspian tern					X	X	X	X					-	-	-		
	Common moorhen		X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-	
	Gadwall		X	X	X								X	X	X	-	-	-
	Glossy ibis		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-	
	Greater yellowlegs		X	X	X	X	X	X	X					-	-	-		
	Green heron		X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-	
	Gull-billed tern	P	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	King rail		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	-	-	
	Least bittern		X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-	
	Mallard		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-	
	Mottled duck		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-	
	Northern harrier		X	X	X	X							X	X	X	-	-	-
	Pied-billed grebe		X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-	
	Snow goose		X	X	X								X	X	-	-	-	
	Sora		X	X	X	X							X	X	X	X	-	-
	Swallow-tailed kite		X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUN	-	-	
	White ibis		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-	
	Wood duck		X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	-	
	Wood stork	P E	X	X	X	X								-	-	-		
38	Black-bellied plover		X	X	X	X							X	X	X	X	-	-
	Black-necked stilt		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	Dunlin		X	X	X	X							X	X	X	-	-	-
	Least sandpiper		X	X	X	X							X	X	X	-	-	-
	Lesser yellowlegs		X	X	X	X							X	X	X	-	-	-
	Long-billed curlew		X	X									X	X	-	-	-	
	Marbled godwit		X	X									X	X	X	-	-	-
	Short-billed dowitcher		X	X	X	X							X	X	X	-	-	-
	Solitary sandpiper		X	X	X	X							X	X	X	-	-	-
	Stilt sandpiper		X	X	X	X							X	X	X	X	-	-
	Western sandpiper		X	X	X	X							X	X	X	X	-	-
	White-rumped sandpiper		X	X	X								X	X	X	-	-	-
	Wilson's snipe		X	X	X								X	X	X	X	-	-
107	Black-crowned night-heron		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-	
	Blue-winged teal		X	X									X	-	-	-	-	
	Cattle egret		X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUN	-	-	
	Clapper rail		X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-	
	Great blue heron		X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	-	
	Great egret		X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	-	-	
	Green-winged teal		X	X	X								X	X	X	-	-	-
	Killdeer		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	-	-	
	Little blue heron		X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	-	-	
	Purple gallinule		X	X	X	X	X							MAY-JUL	-	-	-	
	Snowy egret		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUN	-	-	
	Tricolored heron		X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUN	-	-	
	Willet		X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-	
	Yellow-crowned night-heron		X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	-	-	

**FISH:**

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
36	Black crappie					1	1	1	1	1					-	-	-	-	APR-SEP
	Bluegill		1	1	1	1							1		-	-	-	-	DEC-MAY
	Gulf killifish		3	3	3	3	3	3	3	3	3	3	3	3	MAR-SEP	MAR-SEP	MAR-OCT	JAN-DEC	JAN-DEC
	Gulf sturgeon	P T	1	1	1										FEB-APR	-	FEB-MAY	FEB-MAY	-
	Largemouth bass		X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	-	-	-	JAN-DEC
	Longear sunfish		X	X	X	X	X	X	X						MAY-JUN	-	-	-	FEB-SEP
	Peamouth		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Rainwater killifish		2	2	2	2	2	2	2	2	2	2	2	2	-	-	-	-	JAN-DEC
	Sheepshead minnow		3	3	3	3	3	3	3	3	3	3	3	3	APR-OCT	APR-OCT	APR-NOV	DEC-MAR	JAN-DEC
	Shiners		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Spotted sunfish		1	1	1										-	-	-	-	-
	Striped bass					X	X	X							APR-JUN	-	-	-	APR-JUN
	Yellow bass		X	X	X	X							X		-	-	-	-	DEC-MAY
41	Saltmarsh topminnow							1							-	-	-	-	JUN-JUN
42	Silverside shiner		1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-	-
44	Chain pickerel					1									-	-	-	-	MAY-MAY
	Marsh killifish		2			2	2	2	2	2	2	2	2	2	-	-	-	-	MAY-JAN
	Paddlefish	P	1												-	-	-	-	JAN-JAN
	Striped bass				1										-	-	-	-	MAR-MAR
	Yellow bass						1								-	-	-	-	MAY-MAY

**HABITAT:**

RAR#	Species	S F Conc.	J	F	M	A	M	J	J	A	S	O	N	D
164	Swamp cottonwood		X	X	X	X	X	X	X	X	X	X	X	X
166	Crestless eulophia		X	X	X	X	X	X	X	X	X	X	X	X
	Michaux orchid		X	X	X	X	X	X	X	X	X	X	X	X
176	Swamp buckthorn		X	X	X	X	X	X	X	X	X	X	X	X
180	Swollen bladderwort		X	X	X	X	X	X	X	X	X	X	X	X
191	Green-fly orchid		X	X	X	X	X	X	X	X	X	X	X	X
201	Bog spicebush		X	X	X	X	X	X	X	X	X	X	X	X
218	Godfrey's golden-aster		X	X	X	X	X	X	X	X	X	X	X	X
	Southern rein orchid		X	X	X	X	X	X	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
27	West Indian manatee	E				X	X	X	X	X	X	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.

**Alabama: ESIMAP 16 (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
29	Alabama red-bellied turtle	P E	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	-	-	JAN-DEC	JAN-DEC
	Alligator snapping turtle	P	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	-	-	JAN-DEC	JAN-DEC	
39	Delta map turtle	P	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC	
40	Alabama red-bellied turtle	P E HIGH	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	-	-	JAN-DEC	JAN-DEC	

**HUMAN USE RESOURCES:**

**BOAT RAMP:**

HUN#	Name	Contact	Phone
10	BOAT RAMP		
11	CLOVERLEAF LANDING		

**MANAGEMENT AREA:**

HUN#	Name	Contact	Phone
25	MOBILE-TENSAW DELTA WMA	CARL FERRARO; ADCNR-SLD	251/929-0900
29	WL HOLLAND WMA	CARL FERRARO; ADCNR-SLD	251/929-0900
30	WL HOLLAND WMA BAYOU CANOT FW 17	CARL FERRARO; ADCNR-SLD	251/929-0900

**PARK:**

HUN#	Name	Contact	Phone
78	HISTORIC BLAKELEY STATE PARK	CARL FERRARO; ADCNR-SLD	251/929-0900

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