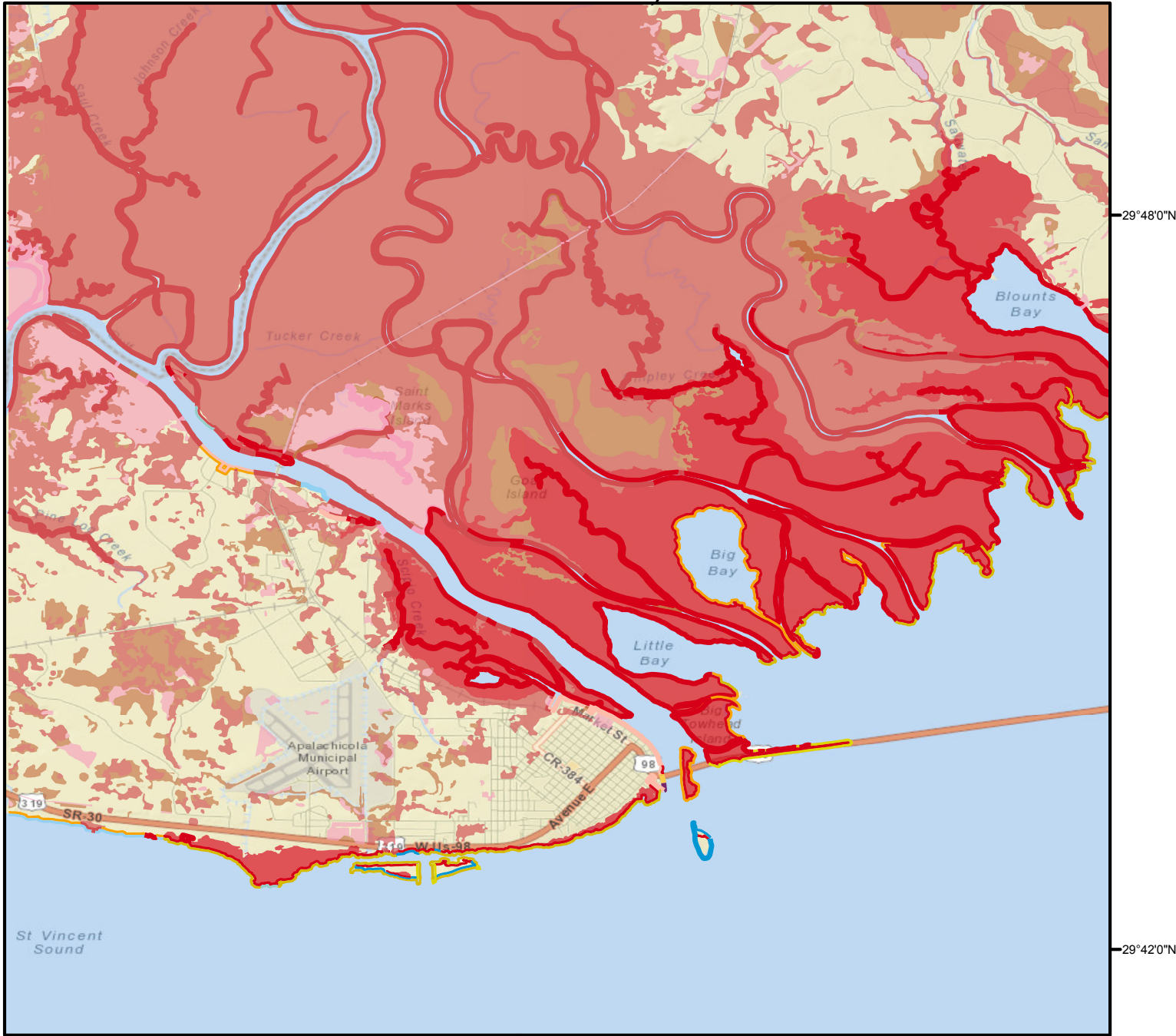
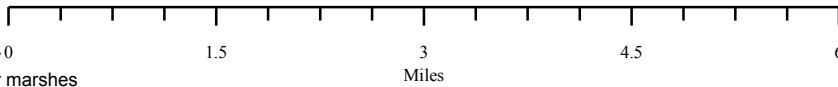


St Marks Island, Florida



85°00'W

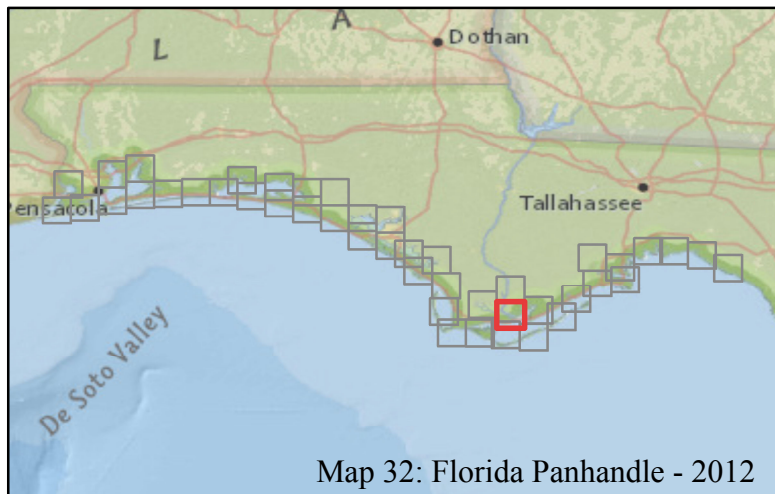


ESI Shoreline Habitats on Map

- 10A Salt- and brackish-water marshes
- 10B Freshwater marshes
- 10C Swamps
- 10D Scrub-shrub wetlands
- 9A Sheltered tidal flats
- 9B Vegetated low banks
- 8B Sheltered, solid man-made structures
- 8C Sheltered riprap
- 7 Exposed tidal flats
- 6B Riprap
- 5 Mixed sand and gravel beaches
- 4 Coarse-grained sand beaches

Additional shoreline types are present - see back of map







Content from Florida Panhandle - 2012 ESI Atlas




Map 32: Florida Panhandle - 2012




St Marks Island, Florida

BIOLOGICAL RESOURCES

Birds																			
Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	MIGRATING	MOLTING
 Diving	Brown pelican	C	-	-	X	X	X	X	X	X	X	X	X	X	X	X	Nov-Sep		
	Common loon		-	-	X	X	X	X							X	X			
 Gull/Tern	Black skimmer	C	-	-					X	X	X	X	X				May-Sep		
	Caspian tern		169-NESTS		X	X	X	X	X	X	X	X	X	X	X	X	Apr-Aug		
	Gull-billed tern		2-NESTS				X	X	X	X	X	X	X	X	X	X	May-Aug		
	Laughing gull		-		X	X	X	X	X	X	X	X	X	X	X	X	May-Aug		
	Least tern	T	-						X	X	X	X					Apr-Aug		
	Ring-billed gull		-		X	X	X	X	X	X	X	X	X	X	X	X			
	Royal tern		189-NESTS		X	X	X	X	X	X	X	X	X	X	X	X	Apr-Aug		
Sandwich tern		243-NESTS		X	X	X	X	X	X	X	X	X	X	X	X	May-Aug			
 Raptor	Bald eagle		-	-	X	X	X	X	X	X	X	X	X	X	X	X	Nov-Jun		
	Osprey	C	-	-	X	X	X	X	X	X	X	X	X	X	X	X			
 Shorebird	American oystercatcher	C	1-NEST		X	X	X	X	X	X	X	X	X	X	X	X	Mar-Jul		
 Wading	Clapper rail		6		X	X	X	X	X	X	X	X	X	X	X	X	Mar-Jul		
 Waterfowl	American coot		10S		X	X							X	X	X	X			
	American wigeon		-		X	X	X							X	X	X			
	Bufflehead		-		X	X										X			
	Canada goose		-		X	X	X							X	X	X			
	Canvasback		-		X	X	X									X	X		
	Common goldeneye		-		X	X	X									X			
	Gadwall		-		X	X	X							X	X	X			
	Green-winged teal		10S		X	X	X	X					X	X	X	X			
	Lesser scaup		100S		X	X	X	X						X	X	X			
	Mallard		-		X	X	X						X	X	X	X			
	Mottled duck		-		X									X	X	X			
	Northern pintail		10S		X	X	X							X	X	X			
	Northern shoveler		-		X	X	X	X					X	X	X	X			
	Red-breasted merganser		-		X	X	X	X						X	X	X			
	Redhead		-		X	X	X								X	X			
Ring-necked duck		-		X	X	X	X						X	X	X				
Scaup		1000S		X	X	X	X						X	X	X				


Fish																					
Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	SPAWNING	EGGS	LARVAE	JUVENILE	ADULT
 Diadromous	Alabama shad	C	COMMON		X	X	X	X	X	X	X	X	X	X	X	X	Mar-Apr	Mar-Apr	Apr-May	May-Nov	Jan-May
	Gizzard shad		RARE		X	X	X	X	X	X	X	X	X	X	X	X	Mar-Aug	Mar-Aug	Mar-Sep	Jan-Dec	Jan-Dec
	Gulf sturgeon	T	ABUNDANT		X	X	X							X	X	X	Mar-Aug	Mar-Aug	Mar-Aug	Jan-Dec	Jan-Dec
	Striped bass		PRESENT		X	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec

St Marks Island, Florida (continued)

Fish (continued)		S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	SPAWNING	EGGS	LARVAE	JUVENILE	ADULT		
 Estuarine Nursery	Atlantic croaker			ABUNDANT			X	X	X	X	X	X							Nov-Mar	Jan-Dec	May-Aug		
	Atlantic sharpnose shark			ABUNDANT					X	X	X	X	X	X			May-Jul		Apr-Oct	Apr-Oct	Apr-Oct		
	Bay anchovy			COMMON					X	X	X	X	X				Jan-Nov	Jan-Nov	Jan-Nov	Jan-Dec	Jan-Dec		
	Black drum			COMMON	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Apr	Jan-Dec	Jan-Dec	
	Black sea bass			COMMON						X	X	X	X	X	X						May-Dec		
	Bluefish			COMMON			X	X	X	X	X	X	X	X							Mar-Aug	Mar-Nov	
	Bonnethead shark			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X		Oct-Nov		Aug-Sep	Oct-Jan*	Jul-May	
	Bull shark			COMMON	X	X	X	X	X	X	X	X	X	X	X					Apr-Jun	Jan-Dec	Jan-Dec	
	Gray snapper			RARE	X	X	X	X	X	X	X	X	X	X	X						Jan-Dec	Jan-Dec	
	Grunts			PRESENT			X	X	X	X	X	X	X	X	X								
	Gulf flounder			RARE	X	X	X	X	X	X	X	X	X	X	X					Dec-Mar	Jan-Dec	Jan-Dec	
	Gulf menhaden			COMMON					X	X	X	X	X								Apr-Sep	Apr-Oct	
	Hardhead catfish			COMMON	X	X	X	X	X	X	X	X	X	X	X			May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec	
	Hogchoker			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X			Apr-Oct	Apr-Oct	Apr-Oct	Jan-Dec	Jan-Dec	
	Kingfishes			HIGHLY-ABUNDANT					X	X	X	X	X	X	X							Apr-Dec	
	Ladyfish			COMMON	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec	Jan-Dec	Jan-Dec	
	Lane snapper			PRESENT							X	X	X	X	X						Jun-Dec		
	Mojarras			ABUNDANT	X	X					X	X	X	X	X						Jun-Feb		
	Pigfish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec			
	Pinfish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X						Feb-Nov	Jan-Dec	
	Red drum			RARE	X	X	X	X	X	X	X	X	X	X	X					Oct-Jan	Jan-Dec	Jan-Dec	
	Sand seatrout			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X						Jan-Dec	Apr-Aug	
	Sheepshead			COMMON	X	X	X	X	X	X	X	X	X	X	X					Mar-Jul	Jan-Dec	Jan-Dec	
	Silver mullet			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X						May-Oct	Jan-Dec	
	Southern flounder			COMMON	X	X	X	X	X	X	X	X	X	X	X					Dec-Feb	Jan-Dec	Feb-Sep	
	Spot			COMMON			X	X	X	X	X										Jan-Oct	May-Sep	
	Spotted seatrout			COMMON	X	X	X	X	X	X	X	X	X	X	X			Apr-Aug	Apr-Aug	Apr-Sep	May-Sep	Jan-Dec	
Striped mullet			RARE			X	X	X	X	X	X	X	X							Jan-Dec	Mar-Oct		
Tarpon			COMMON	X	X	X	X	X	X	X	X	X	X	X						Jan-Dec	Jan-Dec		
 Estuarine Resident	Code goby			RARE	X	X	X	X	X	X	X	X	X	X	X		Mar-Aug	Mar-Aug	Mar-Sep	Jan-Dec	Jan-Dec		
	Gulf killifish			COMMON	X	X	X	X	X	X	X	X	X	X			Apr-Aug	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec		
	Sheepshead minnow			COMMON	X	X	X	X	X	X	X	X	X	X			Apr-Sep	Apr-Oct	Apr-Oct	May-Jan	Jan-Dec		
	Silver perch			ABUNDANT	X	X	X	X	X	X	X	X	X	X			Mar-Aug	Mar-Aug	Mar-Sep	Jan-Dec	Jan-Dec		
	Silversides			ABUNDANT	X	X	X	X	X	X	X	X	X	X			Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec		
	Smalltooth sawfish	E		PRESENT	X	X	X	X	X	X	X	X	X	X							Jan-Dec	Jan-Dec	
 Marine Benthic	Atlantic spadefish			COMMON			X	X	X	X	X	X	X	X						Mar-Dec			
	Flatfish			ABUNDANT	X	X	X	X	X	X	X	X	X	X							Jan-Dec		
	Gag grouper			COMMON	X	X			X	X	X	X	X	X							May-Oct	Oct-Feb	
	Gray triggerfish			PRESENT	X	X	X	X	X	X	X	X	X	X									
	Lizardfishes			ABUNDANT			X	X	X	X	X	X	X								Apr-Oct		
	Permit			HIGHLY-ABUNDANT			X	X	X	X	X	X	X				Apr-Jun	Apr-Jun	Mar-Oct	Aug-Nov	Mar-Nov	Mar-Nov	
	Rays			ABUNDANT	X	X	X	X	X	X	X	X	X	X							Jan-Dec		
	Red snapper			PRESENT	X	X	X	X	X	X	X	X	X	X									
	Rock sea bass			COMMON					X	X	X	X	X	X							Apr-Dec		
	Searobins			ABUNDANT	X	X	X	X	X	X	X	X	X	X							Jan-Dec		
	Skates			ABUNDANT	X	X	X	X	X	X	X	X	X	X								Jan-Dec	
Tonguefish			ABUNDANT	X	X	X	X	X	X	X	X	X	X							Jan-Dec			


St Marks Island, Florida (continued)

Fish (continued)



Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	SPAWNING	EGGS	LARVAE	JUVENILE	ADULT
 Marine Pelagic	Atlantic tripletail			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X					
	Blacknose shark			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Jul		May-Oct	May-Oct	Jan-Dec
	Blacktip shark			PRESENT			X	X	X	X	X	X	X	X	X	X	May-Jun		May-Sep	Mar-Nov	Apr-Nov
	Cobia			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X					
	Crevalle jack			COMMON			X	X	X	X	X	X	X	X	X	X				Jun-Nov	Mar-Nov
	Scalloped hammerhead			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Jun		Apr-Oct	Jan-Dec	Apr-Nov
	Spanish mackerel			RARE	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Spinner shark			-						X	X	X	X	X	X	X	May-Jun			Jun-Sep	May-Jun
	Thread herring			COMMON							X	X	X	X	X	X				Jun-Oct	

(*) = This life stage occurs during the months listed, but not continuously.



Habitats and Rare Plants

Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D
 Plant	Chapman's crownbeard	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	Corkwood	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	Florida waxweed	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Many-flowered grass-pink	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Narrow-leaved phoebanthus	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	Panhandle spiderlily	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Pine-woods aster	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Telephus spurge	E	T	-	X	X	X	X	X	X	X	X	X	X	X	X
	Thick-leaved water-willow	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	White-top pitcherplant	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	White birds-in-a-nest	E	T	-	X	X	X	X	X	X	X	X	X	X	X	X

Marine Mammals

Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	MATING	CALVING	PUPPING	MOLTING
 Dolphin	Bottlenose dolphin			-	X	X	X	X	X	X	X	X	X	X	X	X				
 Manatee	West Indian manatee	E	E	HIGH				X	X	X	X	X	X	X	X					

Reptiles and Amphibians

Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	HATCHING	INTERESTING	JUVENILE	ADULT
 Snake	Apalachicola kingsnake			-	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Jul	Jul-Aug			
	Gulf salt marsh snake			-	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Apr	Jul-Aug			Jan-Dec
 Turtle	Green sea turtle	E	E	RARE	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Hawksbill sea turtle	E	E	RARE	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Kemp's ridley sea turtle	E	E	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Leatherback sea turtle	E	E	RARE	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Loggerhead sea turtle	T	T	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X			Apr-Sep	Jan-Dec	Jan-Dec

St Marks Island, Florida (continued)





Human Use Resources

Icon	Type	Name	Contact	Phone
	Recreational Fishing	Shellfish Harvesting Area		
	Park	John Gorrie Museum State Park		
	Park	Orman House Historic State Park		
	Marina	Apalachicola Marina	DOCKMASTER	850/653-0521
	Marina	Aplachicola Municipal Marina	DOCKMASTER	850/653-8715
	Marina	Deep Water Marina-apalachicola	DOCKMASTER	850/653-8801
	Marina	Franklin Shipbuilding	DOCKMASTER	850/653-8531
	Marina	Ganders Marine	DOCKMASTER	850/653-8880
	Marina	Miller Marine Inc	DOCKMASTER	850/653-9521
	Marina	Scipio Creek Marina	DOCKMASTER	850/653-8030
	Marina	Water Street Hotel & Marina	DOCKMASTER	850/653-3700
	Management Area	Apalachicola Bay Aquatic Preserve		850/670-4783
	Management Area	Apalachicola Nerr	RESERVE MANAGER	850/670-7700
	Management Area	Apalachicola River And Bay Swim	NWFWMD SWIM	850/539-5999
	Management Area	Apalachicola River Wildlife Area		850/827-2349
	Management Area	Box-r Wildlife Management Area	JERRY PITTS, AREA BIOLOGIST	850/827-2934
	Management Area	Tate's Hell Wildlife Management Area'		850/827-2934
	Historical Site	Historic Property	FL SHPO	850/245-6440
	Critical Habitat	Gulf Sturgeon Critical Habitat	FWRI	
	Boat Ramp	Battery Park & Marina		850/653-9319
	Boat Ramp	Bay City Lodge		
	Boat Ramp	Black Pearl Charters		
	Boat Ramp	Bluff Road Ramp		
	Boat Ramp	Box-r Wildlife Management Area		
	Boat Ramp	East River Landing		
	Boat Ramp	Gardener Landing - Fwc # Wb-39		
	Boat Ramp	Pogy Rd Ramp		
	Boat Ramp	Scipio Creek Marina		850/653-8030
	Boat Ramp	Unknown Off Hwy 98		
	Boat Ramp	Water Street Seafood		
	Abandoned Vessel	Davy's Navy		
	Abandoned Vessel	Little Tots		










St Marks Island, Florida (continued)

SHORELINE RESOURCES:

ESI Polygon Habitats

Pattern	ESI Rank	Habitat	Area (meters ²)
	10A	Salt- and brackish-water marshes	29,040,060
	10B	Freshwater marshes	6,012,124
	10C	Swamps	65,317,808
	10D	Scrub-shrub wetlands	8,410,605

Shoreline Types (Length of ESI Shoreline on Map = 413,017 meters ; Length of Shoreline on Map = 405,232 meters)

Color	ESI Rank	Shoreline Habitat	Length (meters)	% of ESI Shoreline
	10A	Salt- and brackish-water marshes	182,576	44
	10B	Freshwater marshes	17,217	4
	10C	Swamps	198,881	48
	10D	Scrub-shrub wetlands	4,768	1
	9A	Sheltered tidal flats	11,705	2
	9B	Vegetated low banks	3,071	<1
	8B	Sheltered, solid man-made structures	5,102	1
	8C	Sheltered riprap	136	<1
	7	Exposed tidal flats	23,572	5
	6B	Riprap	3,404	<1
	5	Mixed sand and gravel beaches	716	<1
	4	Coarse-grained sand beaches	2,457	<1
	3A	Fine- to medium-grained sand beaches	3,712	<1
	1B	Exposed, solid man-made structures	117	<1

Note: A shoreline segment may include multiple shoreline habitats. If any segments include multiple habitats, the combined length of all habitats will exceed the length of the mapped ESI shoreline, and the percent of ESI shoreline values will sum to greater than 100%.



Content from Florida Panhandle - 2012 ESI Atlas