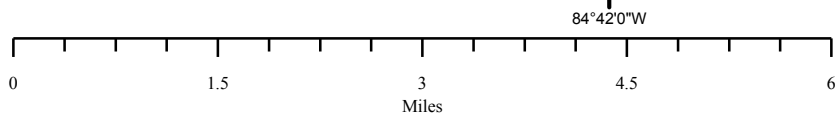
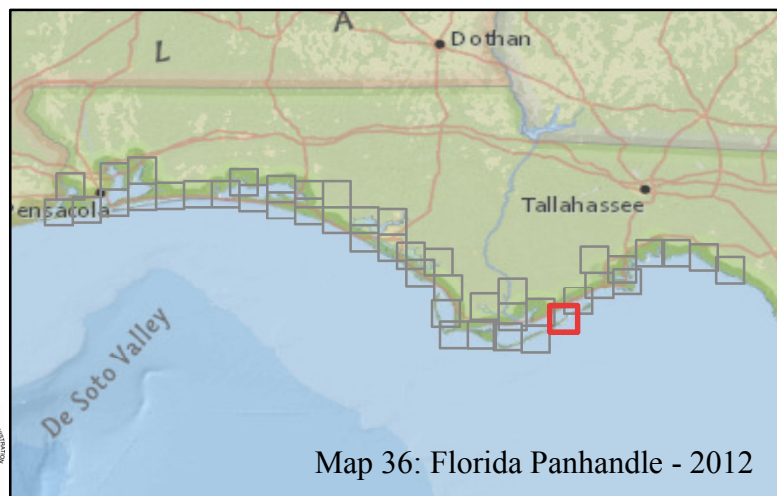


St George Sound, Florida










ESI Shoreline Habitats on Map

- 10A Salt- and brackish-water marshes
- 10B Freshwater marshes
- 10C Swamps
- 10D Scrub-shrub wetlands
- 9A Sheltered tidal flats
- 7 Exposed tidal flats
- 6B Riprap
- 3A Fine- to medium-grained sand beaches
- 1B Exposed, solid man-made structures







St George Sound, 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			
	Common loon		-		X	X	X	X							X	X			
 Gull/Tern	Black skimmer	C	-						X	X	X	X	X				May-Sep		
	Laughing gull		-		X	X	X	X	X	X	X	X	X	X	X	X			
	Least tern	T	-						X	X	X	X	X				Apr-Aug		
	Ring-billed gull		-		X	X	X	X	X	X	X	X	X	X	X	X			
	Royal tern		-		X	X	X	X	X	X	X	X	X	X	X	X			
	Sandwich tern		-		X	X	X	X						X	X	X	May-Aug		
 Pelagic	Northern gannet		-		X	X	X	X								X			
 Raptor	Bald eagle		-		X	X	X	X	X	X	X	X	X	X	X	Nov-Jun			
	Merlin		-		X	X	X	X					X	X	X				
	Osprey	C	-		X	X	X	X	X	X	X	X	X	X	X				
	Peregrine falcon		-		X	X	X	X					X	X	X				
 Shorebird	American oystercatcher	C	8-10-NESTS		X	X	X	X	X	X	X	X	X	X	X	Mar-Jul			
	Black-bellied plover		-		X	X	X	X		X	X	X	X	X	X				
	Dunlin		-		X	X	X	X			X	X	X	X	X				
	Killdeer		-		X	X	X	X	X	X	X	X	X	X	X				
	Piping plover	T T	-		X	X	X	X			X	X	X	X	X				
	Red knot		1		X	X	X	X	X	X	X	X	X	X	X				
	Ruddy turnstone		-		X	X	X	X		X	X	X	X	X	X				
	Sanderling		-		X	X	X	X		X	X	X	X	X	X				
	Semipalmated plover		-		X	X	X	X		X	X	X	X	X	X				
	Short-billed dowitcher		-		X	X	X	X	X	X	X	X	X	X	X				
	Snowy plover	T	1-NEST			X	X	X	X	X	X						Mar-Aug		
	Willet		-		X	X	X	X	X	X	X	X	X	X	X	Apr-Jul			
Wilson's plover		20-21-NESTS		X	X	X	X	X	X	X	X	X	X	X	Apr-Jul				
 Wading	Clapper rail		4		X	X	X	X	X	X	X	X	X	X	X	Mar-Jul			
 Waterfowl	American black duck		-		X	X	X	X					X	X	X	Mar-Aug			
	American coot		10S		X	X							X	X	X				
	American wigeon		-		X	X	X	X					X	X	X				
	Blue-winged teal		-		X	X	X	X	X		X	X	X	X	X				
	Bufflehead		-		X	X								X					
	Canada goose		-		X	X	X						X	X	X				
	Canvasback		-		X	X	X							X	X				
	Cinnamon teal		-		X	X	X	X	X		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				
	Lesser scaup		100S		X	X	X	X					X	X	X				
	Mallard		-		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				
	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				
Ruddy duck		10S		X	X	X	X						X	X	X				
Scaup		1000S		X	X	X	X						X	X	X				


St George Sound, Florida (continued)



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	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Gulf sturgeon	T	T	ABUNDANT	X	X	X	X						X	X	X				Oct-Apr	Oct-Apr*
	Striped bass			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec
 Estuarine Nursery	Atlantic croaker			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Sep-Apr	Sep-Apr	Sep-Apr	Jan-Dec	Jan-Dec	
	Atlantic sharpnose shark			PRESENT				X	X	X	X	X	X			May-Jul		Apr-Oct	Apr-Oct	Apr-Oct	
	Bay anchovy			HIGHLY-ABUNDANT	X	X	X	X	X	X	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	Nov-Apr	Nov-Apr	Dec-May	Jan-Dec	Jan-Dec	
	Black sea bass			COMMON					X	X	X	X	X	X	X	Dec-Apr	Dec-Apr	Dec-May	Jan-Dec	Jan-Dec	
	Bluefish			COMMON		X	X	X	X	X	X	X	X	X	X	Sep-Jan*	Sep-Jan*	Sep-Jan*	Jan-Dec	Jan-Dec	
	Bonnethead shark			PRESENT	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	Jun-Aug		Apr-Jun	Jan-Dec	Jan-Dec	
	Gray snapper			RARE	X	X	X	X	X	X	X	X	X	X	X	Jun-Nov	Jun-Nov	Jun-Dec	Jan-Dec	Jan-Dec	
	Grunts			HIGHLY-ABUNDANT						X	X	X	X						Jun-Sep		
	Gulf flounder			COMMON	X	X	X	X	X	X	X	X	X	X	X	Nov-Feb	Nov-Feb	Nov-Mar	Jan-Dec	Jan-Dec	
	Gulf menhaden			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Oct-Mar	Oct-Mar	Oct-Apr	Jan-Dec	Jan-Dec	
	Hardhead catfish			PRESENT	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			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X				Apr-Dec		
	Ladyfish			COMMON	X	X	X	X	X	X	X	X	X	X	X	Jan-Nov	Jan-Nov	Jan-Dec	Jan-Dec	Jan-Dec	
	Lane snapper			PRESENT						X	X	X	X	X	X	Sep-Jan*	Sep-Jan*	Sep-Jan*	Jun-Jan*	Sep-Jan*	
	Mojarras			ABUNDANT	X	X				X	X	X	X	X	X	Apr-Nov	Apr-Nov	Apr-Nov	Jun-Feb	Apr-Nov	
	Pigfish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Jan-May	Jan-May	Jan-Dec		Jan-May	
	Pinfish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Oct-Apr	Oct-Apr	Oct-Apr	Jan-Dec	Jan-Dec	
	Porgy spp.			PRESENT	X	X	X	X	X	X	X	X	X	X	X	Jan-Aug	Jan-Aug	Jan-Sep	Jan-Dec	Apr-Dec	
	Red drum			COMMON	X	X	X	X	X	X	X	X	X	X	X	Sep-Dec	Sep-Dec	Sep-Jan	Jan-Dec	Jan-Dec	
	Sand seatrout			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Mar-Sep	Mar-Sep	Mar-Oct	Jan-Dec	Jan-Dec	
	Sheepshead			COMMON	X	X	X	X	X	X	X	X	X	X	X	Feb-Apr	Feb-Apr	Feb-Jul	Jan-Dec	Jan-Dec	
	Silver mullet			COMMON	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	Nov-Jan	Nov-Jan	Nov-Mar	Jan-Dec	Oct-Jan	
	Spot			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Oct-Apr	Oct-Apr	Oct-Apr	Dec-Oct	Jan-Dec	
	Spotted seatrout			COMMON	X	X	X	X	X	X	X	X	X	X	X	Apr-Dec	Apr-Sep	Apr-Oct	Jan-Dec	Jan-Dec	
	Striped mullet			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Oct-Mar	Oct-Mar	Oct-Apr	Jan-Dec	Jan-Dec	
	Tarpon			COMMON	X	X	X	X	X	X	X	X	X	X	X			Aug-Dec	Jan-Dec	Jun-Aug	
Yellowfin menhaden			PRESENT	X	X	X	X	X	X	X	X	X	X	X	Dec-Mar			Jan-Dec	Jan-Dec		
 Estuarine Resident	Code goby			COMMON	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			ABUNDANT	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			HIGHLY-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		
 Fish	Vermillion snapper			COMMON			X	X	X	X	X	X			Apr-Nov	Apr-Nov	Apr-Nov	Apr-Nov	Apr-Nov		

St George Sound, 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 Benthic	Atlantic spadefish			COMMON			X	X	X	X	X	X	X	X	X	X	May-Sep	May-Sep	May-Oct	Jan-Dec	Jan-Dec
	Cusk eels			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
	Flatfish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
	Florida pompano			COMMON			X	X	X	X	X	X	X	X	X	X	Mar-Oct	Mar-Oct	Mar-Sep	Mar-Nov	
	Gag grouper			HIGHLY-ABUNDANT	X	X			X	X	X	X	X	X	X	X				May-Oct	Oct-Feb
	Goatfishes			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Jun	Mar-Jun	Mar-Jul	Jan-Dec	Jan-Dec
	Gray triggerfish			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov
	Little tunny			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X					
	Lizardfishes			ABUNDANT			X	X	X	X	X	X	X	X	X	X	Apr-Aug	Apr-Aug	Apr-Oct	Jan-Dec	Jan-Dec
	Permit			COMMON			X	X	X	X	X	X	X	X	X	X	Apr-Jun	Apr-Jun	Mar-Oct	Aug-Nov	Mar-Nov
	Rays			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec		Jan-Dec	Jan-Dec
	Red snapper			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Oct	May-Oct	May-Nov	Apr-Jan	Apr-Jan
	Rock sea bass			COMMON				X	X	X	X	X	X	X	X	X	Mar-Jun	Mar-Jun	Mar-Jul	Jan-Dec	Jan-Dec
	Scamp grouper			HIGHLY-ABUNDANT			X	X	X	X	X	X	X	X	X	X	Mar-May	Mar-May	Mar-Jun	Mar-Nov	Apr-Nov
	Searobins			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
	Skates			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec		Jan-Dec	Jan-Dec
	Tonguefish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
 Marine Pelagic	Amberjacks			HIGHLY-ABUNDANT				X	X	X	X	X	X	X	X	Apr-Nov	Apr-Nov	Apr-Dec	Apr-Dec	Apr-Dec	
	Atlantic tripletail			PRESENT	X	X	X	X	X	X	X	X	X	X	X	May-Sep	May-Sep	May-Oct	Jan-Dec	Jan-Dec	
	Ballyhoo			PRESENT					X	X	X										
	Bigeye scad			PRESENT	X	X	X	X	X	X	X	X	X	X	X	Jun-Nov	Jun-Nov	Jun-Dec	Jan-Dec	Jan-Dec	
	Blackfin tuna			PRESENT				X	X	X	X	X	X	X	X	Apr-Dec	Apr-Dec	Apr-Dec	Apr-Dec	Oct	
	Blacknose shark			PRESENT	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	May-Jun		May-Sep	Mar-Nov	Apr-Nov	
	Blue runner			COMMON					X	X	X	X				Apr-Aug	Apr-Aug	Apr-Sep	Jan-Dec	Jan-Dec	
	Bluefin tuna		C	PRESENT				X	X	X						Apr-Jun	Apr-Jun	Apr-Jun	Apr-Jun	Apr-Jun	
	Cobia			PRESENT	X	X	X	X	X	X	X	X	X	X	X	May-Sep	May-Sep	May-Sep	Mar-Nov	Mar-Nov	
	Crevalle jack			COMMON			X	X	X	X	X	X	X	X	X	Apr-Aug	Apr-Aug	Apr-Sep	Jan-Dec	Jan-Dec	
	Dolphin			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jul-Aug	
	Finetooth shark			-					X	X	X	X						May-Sep	May-Sep	May-Sep	
	King mackerel			COMMON					X	X	X	X	X			Jun-Oct	Jun-Oct	Jun-Oct	Jun-Nov	Jun-Nov	
	Red grouper			PRESENT	X	X	X	X	X	X	X	X	X	X	X	Mar-Jul					Jan-Dec
	Round scad			PRESENT	X	X	X	X	X	X	X	X	X	X	X	Sep-Jan*	Sep-Jan*	Sep-Jan*	Jan-Dec	Jan-Dec	
	Scalloped hammerhead			-	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	May-Oct	May-Oct	May-Oct	Jan-Dec	Jan-Dec	
	Spanish sardine			PRESENT	X	X	X	X	X	X	X	X	X	X	X	Mar-Nov	Mar-Nov	Mar-Nov	Jan-Dec	Jan-Dec	
Spinner shark			-					X	X	X	X				May-Jun			Jun-Sep	May-Jun		
Thread herring			COMMON					X	X	X	X				Mar-Sep	Mar-Sep	Mar-Sep	Apr-Dec	Jan-Dec		
Wahoo			COMMON	X	X	X	X	X	X	X	X	X	X	X	Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec		

(*) = 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	Godfrey's blazing star	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Gulf Coast lupine	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	Large-leaved jointweed	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					
 Manatee	West Indian manatee	E	E	LOW		X	X	X	X	X	X	X	X	X						

St George Sound, Florida (continued)




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	Jun-Aug	Aug-Nov	May-Nov	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	May-Jul	Jul-Sep		Jan-Dec	Jan-Dec
	Loggerhead sea turtle	T	T	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Sep	Jul-Nov	Apr-Sep	Jan-Dec	Jan-Dec

Human Use Resources

Icon	Type	Name	Contact	Phone
	Recreational Fishing	Shellfish Harvesting Area		
	Park	St. George Island State Park		
	Management Area	Apalachicola Nerr	RESERVE MANAGER	850/670-7700
	Management Area	Apalachicola River And Bay Swim	NWFWMD SWIM	850/539-5999
	Management Area	Jeff Lewis Wilderness Preserve	DAVID PRINTISS	850/643-2756
	Management Area	Tate's Hell State Forest	DAVID MORSE, FORESTRY OPERATIONS ADMINISTRATOR; VICTOR ROLAND, FOREST AREA SUPE	850/697-3734
	Critical Habitat	Gulf Sturgeon Critical Habitat	FWRI	
	Critical Habitat	Piping Plover Critical Habitat	USFWS	
	Boat Ramp	St. George Island Park 1		850/927-2111
	Boat Ramp	St. George Island Park 2		
	Beach	Dog Island		
	Beach	St Geo Isl Sp		
	Access	Access		










SHORELINE RESOURCES:

ESI Polygon Habitats

Pattern	ESI Rank	Habitat	Area (meters ²)
	10A	Salt- and brackish-water marshes	1,473,237
	10B	Freshwater marshes	1,218,797
	10C	Swamps	3,189,195
	10D	Scrub-shrub wetlands	4,384,961
	9A	Sheltered tidal flats	23,519
	7	Exposed tidal flats	3,401,430

St George Sound, Florida (continued)

Shoreline Types (Length of ESI Shoreline on Map = 65,418 meters ; Length of Shoreline on Map = 64,753 meters)

Color	ESI Rank	Shoreline Habitat	Length (meters)	% of ESI Shoreline
	10A	Salt- and brackish-water marshes	24,653	37
	10B	Freshwater marshes	69	<1
	10C	Swamps	1,026	1
	10D	Scrub-shrub wetlands	5,990	9
	9A	Sheltered tidal flats	1,691	2
	7	Exposed tidal flats	53,088	81
	6B	Riprap	2,634	4
	3A	Fine- to medium-grained sand beaches	44,891	68
	1B	Exposed, solid man-made structures	1,374	2

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