

Santa Rosa Sound, Florida



87°00'W

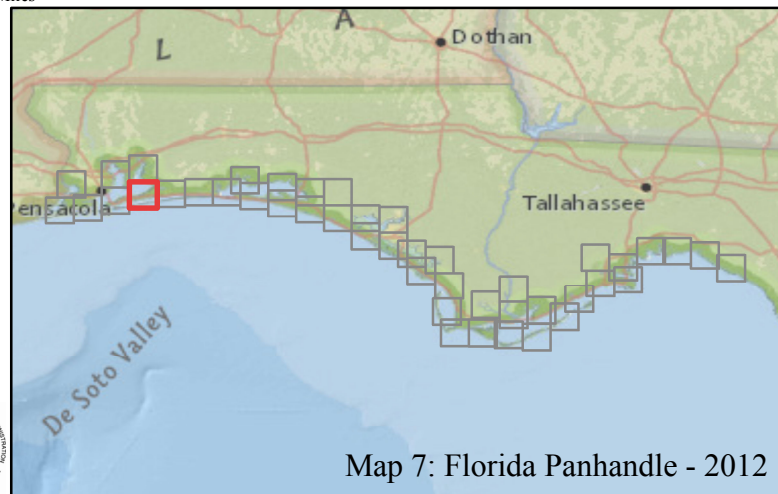
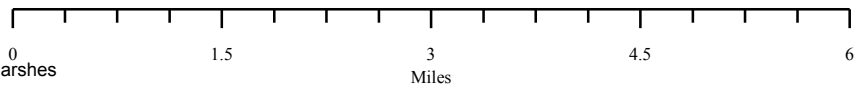
30°24'0"N

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
- 3A Fine- to medium-grained sand beaches
- 3B Scarps and steep slopes in sand

Additional shoreline types are present - see back of map






Content from Florida Panhandle - 2012 ESI Atlas





Map 7: Florida Panhandle - 2012






East Bay, 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		
	Gull-billed tern		5	-			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			
	Least tern	T	-	-					X	X	X	X					Apr-Aug		
	Ring-billed gull		-	-	X	X	X	X	X	X	X	X	X	X	X	X			
	Terns		-	-	X	X	X	X	X	X	X	X	X	X	X	X			
 Pelagic	Northern gannet		-	-	X	X	X	X								X			
 Raptor	Osprey	C	-	-	X	X	X	X	X	X	X	X	X	X	X	X			
 Shorebird	Piping plover	T	T	-	X	X	X	X			X	X	X	X	X				
	Snowy plover	T		35-53-NESTS		X	X	X	X	X	X						Mar-Aug		
	Wilson's plover			1-NEST	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Jul		


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	Apr-Dec
	Gizzard shad			COMMON	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	Mar-May	Mar-May	Apr-Jul	Jan-Dec	Jan-Dec	Jan-Dec
	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	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	X	Feb-Oct	Feb-Nov	Mar-Nov	Jan-Dec	Jan-Dec	
	Black drum			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Nov-Apr	Nov-Apr	Dec-May	Jan-Dec	Jan-Dec	
	Black sea bass			PRESENT	X	X	X	X	X	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	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	X	Oct-Nov		Aug-Sep	Oct-Jan*	Jul-May	
	Bull shark			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Jun-Aug		Apr-Jun	Jan-Dec	Jan-Dec	
	Gray snapper			ABUNDANT						X	X	X	X	X	X	X	Jun-Nov	Jun-Nov	Jun-Dec	Jan-Dec	Jan-Dec	
	Grunts			PRESENT						X	X	X	X								Jun-Sep	
	Gulf flounder			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	X	Nov-Feb	Nov-Feb	Nov-Mar	Jan-Dec	Jan-Dec
	Gulf menhaden			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	X	Oct-Mar	Oct-Mar	Oct-May	Jan-Dec	Jan-Dec
	Hardhead catfish			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	X	May-Aug	Apr-Aug	Apr-Sep	Jan-Dec	Jan-Dec
	Hogchoker			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Oct	Apr-Oct	Apr-Oct	Jan-Dec	Jan-Dec
	Kingfishes			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	X					
	Ladyfish			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
	Lane snapper			PRESENT						X	X	X	X				Sep-Jan*	Sep-Jan*	Sep-Jan*	Sep-Jan*	Sep-Jan*	
	Mojarras			ABUNDANT				X	X	X	X	X	X				Apr-Nov	Apr-Nov	Apr-Nov	Apr-Oct	Apr-Nov	
	Pigfish			COMMON				X	X	X	X	X	X				Jan-May	Jan-May	Jan-May	Apr-Oct	Jan-May	
	Pinfish			HIGHLY-ABUNDANT	X	X	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	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	X	X	Sep-Dec	Sep-Dec	Sep-Dec	Jan-Dec	Jan-Dec
	Sand seatrout			ABUNDANT	X	X	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	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	X	X				May-Oct	Jan-Dec
	Southern flounder			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	X	Nov-Jan	Nov-Jan	Nov-Mar	Jan-Dec	Jan-Dec
	Spot			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	X	Oct-Apr	Oct-Apr	Oct-Apr	Jan-Dec	Jan-Dec
	Spotted seatrout			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Dec	Apr-Sep	Mar-Oct	Jan-Dec	Jan-Dec
Striped mullet			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	X	Oct-Mar	Oct-Mar	Oct-May	Jan-Dec	Jan-Dec	
Tarpon			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	X			Jul-Dec	Jan-Dec	Jun-Aug	
Yellowfin menhaden			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	X	Dec-Mar			Jan-Dec	Jan-Dec	



East Bay, 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
 Estuarine Resident	Code goby			COMMON	X	X	X	X	X	X	X	X	X	X	X		Oct-Jan*	Oct-Jan*	Oct-Jan*	Jan-Dec	Jan-Dec
	Gulf killifish			COMMON	X	X	X	X	X	X	X	X	X	X	X		Mar-Sep	Mar-Sep	Apr-Oct	May-Feb	Jan-Dec
	Saltmarsh topminnow	C	C	-	X	X	X	X	X	X	X	X	X	X	X		Mar-Aug				
	Sheepshead minnow			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X		Apr-Oct	Apr-Oct	Apr-Nov	May-Feb	Jan-Dec
	Silver perch			COMMON	X	X	X	X	X	X	X	X	X	X	X		Apr-Aug	Apr-Aug	Apr-Sep	Jan-Dec	Jan-Dec
	Silversides			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X		Mar-Sep	Mar-Sep	Mar-Oct	Jan-Dec	Jan-Dec
	Smalltooth sawfish	E		PRESENT	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec	Jan-Dec
 Fish	Vermillion snapper			HIGHLY-ABUNDANT				X	X	X	X	X	X	X		Apr-Nov	Apr-Nov	Apr-Nov	Apr-Nov	Apr-Nov	
 Freshwater	Bluegill			ABUNDANT	X	X	X	X	X	X	X	X	X	X		Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec	
	Largemouth bass			COMMON	X	X	X	X	X	X	X	X	X	X		Mar-May	Mar-May	Mar-May	Jan-Dec	Jan-Dec	
 Marine Benthic	Atlantic spadefish			PRESENT						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		Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	
	Flatfish			COMMON	X	X	X	X	X	X	X	X	X	X		Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	
	Florida pompano			RARE						X	X	X	X	X		Mar-Oct	Mar-Oct	Mar-Sep	Mar-Nov	Jun-Nov	
	Gag grouper			COMMON	X	X			X	X	X	X	X	X					May-Oct	Oct-Feb	
	Goatfishes			PRESENT	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		May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov	
	Little tunny			PRESENT	X	X	X	X	X	X	X	X	X	X							
	Lizardfishes			ABUNDANT						X	X	X	X			Apr-Aug	Apr-Aug	Apr-Oct	Jan-Dec	Jan-Dec	
	Permit			PRESENT						X	X	X	X		Apr-Jun	Apr-Jun	Mar-Oct	Aug-Nov	Mar-Nov		
	Rays			PRESENT	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		May-Oct	May-Oct	May-Nov	Apr-Jan	Apr-Jan	
	Rock sea bass			PRESENT	X	X	X	X	X	X	X	X	X	X		Mar-Jun	Mar-Jun	Mar-Jul	Jan-Dec	Jan-Dec	
	Scamp grouper			ABUNDANT			X	X	X	X	X	X	X		Mar-May	Mar-May	Mar-Jun	Mar-Nov	Apr-Nov		
	Searobins			COMMON				X	X	X	X	X			Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec		
	Skates			PRESENT	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		Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec		
 Marine Pelagic	Amberjacks			ABUNDANT			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		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		Jun-Nov	Jun-Nov	Jun-Dec	Jan-Dec	Jan-Dec		
	Blackfin tuna			PRESENT			X	X	X	X	X	X	X	Apr-Dec	Apr-Dec	Apr-Dec	Apr-Dec	Oct			
	Blacktip shark			PRESENT		X	X	X	X	X	X	X		May-Jun		May-Sep	Mar-Nov	Apr-Nov			
	Blue runner			COMMON			X	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	May-Sep	May-Sep	May-Sep	Mar-Nov	Mar-Nov			
	Crevalle jack			COMMON					X	X	X	X	X	Apr-Aug	Apr-Aug	Apr-Sep	Jan-Dec	Jan-Dec			
	Dolphin			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jul-Aug			
	King mackerel			COMMON					X	X	X	X	X	May-Oct	May-Oct	May-Oct	May-Nov	May-Nov			
	Red grouper			PRESENT	X	X	X	X	X	X	X	X	X	Mar-Jul				Jan-Dec			
	Round scad			COMMON	X	X	X	X	X	X	X	X	X	Sep-Jan*	Sep-Jan*	Sep-Jan*	Jan-Dec	Jan-Dec			
	Scalloped hammerhead			PRESENT	X	X	X	X	X	X	X	X	X	May-Jun		Apr-Oct	Jan-Dec	Apr-Nov			
	Skipjack tuna			PRESENT			X	X	X	X	X			Apr-Oct	Apr-Oct	Apr-Oct	Apr-Oct	Apr-Oct			
	Spanish mackerel			COMMON			X	X	X	X	X	X		May-Oct	May-Oct	May-Oct	May-Oct	Apr-Oct			
	Spanish sardine			PRESENT	X	X	X	X	X	X	X	X	X	Mar-Nov	Mar-Nov	Mar-Nov	Jan-Dec	Jan-Dec			
	Thread herring			COMMON							X	X	X	Mar-Sep	Mar-Sep	Mar-Sep	Apr-Dec	Jan-Dec			
	Tiger shark			-							X	X				Jul-Aug	Jul-Aug	Jul-Aug			
Wahoo			ABUNDANT	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.


















East Bay, Florida (continued)

Habitats and Rare Plants																
Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D
 Plant	Arkansas oak	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	Cruise's goldenaster	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Curtiss' sandgrass	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	Godfrey's goldenaster	E		-	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
	Pine-woods bluestem	T		-	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

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	LOW			X	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
 Turtle	Green sea turtle	E	E	RARE	X	X	X	X	X	X	X	X	X	X	X		Sep-Oct	May-Nov	Jan-Dec	Jan-Dec	
	Hawksbill sea turtle	E	E	RARE	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				Jan-Dec	Jan-Dec	
	Leatherback sea turtle	E	E	RARE	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	May-Aug	Jul-Nov	Apr-Sep	Jan-Dec	Jan-Dec	

Human Use Resources

Icon	Type	Name	Contact	Phone
	Recreational Fishing	Shellfish Harvesting Area		
	Park	Yellow River Marsh Preserve State Park		
	National Park	Gulf Islands National Seashore	NATIONAL PARK SERVICE	850/934-2619
	National Forest	Choctawhatchee National Forest		
	Management Area	Garcon Point Water Management Area		850/539-5999
	Management Area	Pensacola Bay Swim	NWFWMD SWIM	850/539-5999
	Management Area	Yellow River Marsh Aquatic Preserve		850/983-5359
	Management Area	Yellow River Wma-escribano Point		850/957-6170
	Historical Site	Historic Property	FL SHPO	850/245-6440
	Critical Habitat	Gulf Sturgeon Critical Habitat	FWRI	
	Critical Habitat	Piping Plover Critical Habitat	USFWS	
	Critical Habitat	Reticulated Flatwoods Salamander	USFWS	
	Boat Ramp	Bal Alex Boat Ramp		850/983-1940
	Boat Ramp	Dickerson City Ramp		850/983-1940
	Boat Ramp	Unknown Boat Ramp		
	Boat Ramp	Woodlawn Beach Boat Ramp		850/983-1940
	Beach	Gulf Isl Ns		
	Beach	Pensacola Bch		
	Access	Access		
	Abandoned Vessel	Taurus		















East Bay, Florida (continued)

SHORELINE RESOURCES:

ESI Polygon Habitats

Pattern	ESI Rank	Habitat	Area (meters ²)
	10A	Salt- and brackish-water marshes	1,396,037
	10B	Freshwater marshes	1,760,928
	10C	Swamps	6,869,846
	10D	Scrub-shrub wetlands	4,537,702
	9A	Sheltered tidal flats	8,665
	7	Exposed tidal flats	6,887

Shoreline Types (Length of ESI Shoreline on Map = 92,349 meters ; Length of Shoreline on Map = 93,931 meters)

Color	ESI Rank	Shoreline Habitat	Length (meters)	% of ESI Shoreline
	10A	Salt- and brackish-water marshes	19,365	20
	10B	Freshwater marshes	40	<1
	10C	Swamps	3,011	3
	10D	Scrub-shrub wetlands	8,151	8
	9A	Sheltered tidal flats	813	<1
	9B	Vegetated low banks	2,104	2
	8B	Sheltered, solid man-made structures	7,561	8
	8C	Sheltered riprap	6,631	7
	7	Exposed tidal flats	52,480	56
	6B	Riprap	15,565	16
	3A	Fine- to medium-grained sand beaches	48,875	52
	3B	Scarps and steep slopes in sand	1,004	1
	2B	Exposed scarps and steep slopes in clay	2,126	2
	1B	Exposed, solid man-made structures	15,309	16

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%.

