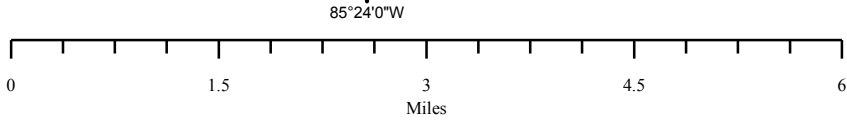
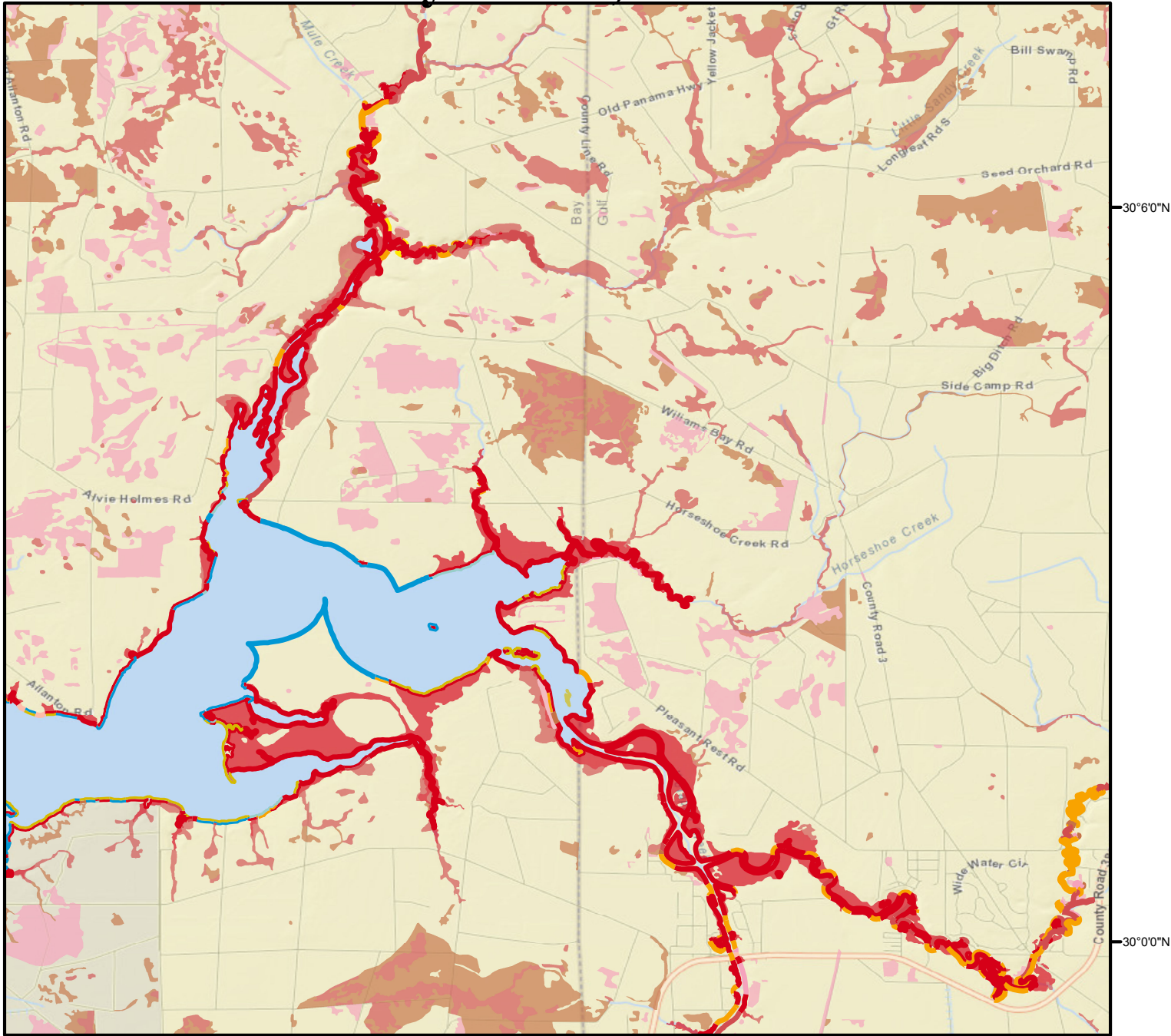
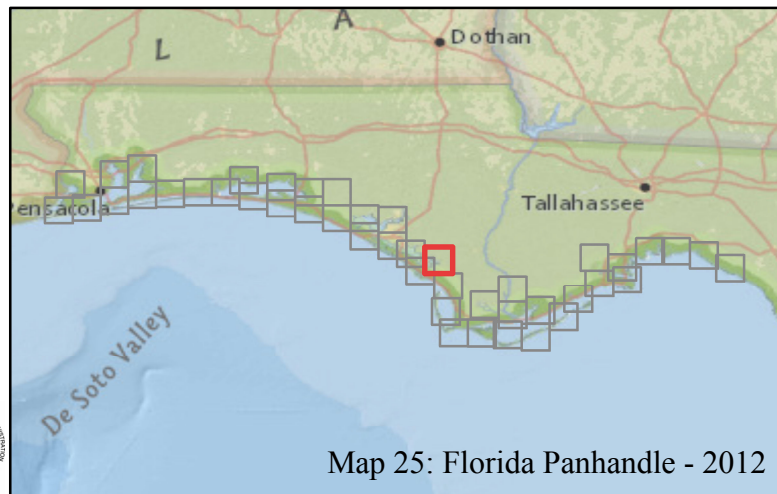


Sandy Creek, Florida









ESI Shoreline Habitats on Map


- 10A Salt- and brackish-water marshes
- 10B Freshwater marshes
- 10C Swamps
- 10D Scrub-shrub wetlands
- 9A Sheltered tidal flats
- 9B Vegetated low banks
- 8A Sheltered scarps in bedrock, mud or clay
- 8B Sheltered, solid man-made structures
- 7 Exposed tidal flats
- 5 Mixed sand and gravel beaches
- 3A Fine- to medium-grained sand beaches








Sandy Creek, 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						
	Laughing gull		-	-	X	X	X	X	X	X	X	X	X	X	X	X			
	Least tern	T	-	-				X	X	X	X	X							
	Ring-billed gull		-	-	X	X	X	X	X	X	X	X	X	X	X	X			
 Passerine	Red-cockaded woodpecker	E	E	-	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Jul		
 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			
 Wading	Clapper rail			2	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Jul		
 Waterfowl	American black duck		-	-	X	X	X	X						X	X	X			
	American coot		-	-	X	X								X	X	X			
	American wigeon		-	-	X	X	X	X						X	X	X			
	Bufflehead		100S	-	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		-	-	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		-	-	X	X	X							X	X	X			
	Red-breasted merganser		100S	-	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		-	-	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	COMMON	X	X	X				X	X	X	X	X	X					Jul-Dec	Sep-Mar	
	Gulf sturgeon	T	T	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X							
	Striped bass		PRESENT	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X							


Sandy Creek, 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	X	X	X	X	X	X			Nov-Mar	Jan-Dec	Apr-Oct	
	Atlantic sharpnose shark			PRESENT				X	X	X	X	X	X				May-Jul		Apr-Oct	Apr-Oct	Apr-Oct	
	Bay anchovy			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Nov	Mar-Nov	Mar-Nov	Jan-Dec	Jan-Dec	
	Black drum			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Apr	Jan-Apr	Jan-Apr	Jan-Dec	Jan-Dec	
	Black sea bass			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec		
	Bluefish			ABUNDANT			X	X	X	X	X	X	X	X	X	X				Jun-Nov	Mar-Nov	
	Bull shark			COMMON	X	X	X	X	X	X	X	X	X	X	X	X			Apr-Jun	Jan-Dec	Jan-Dec	
	Gray snapper			COMMON						X	X	X	X	X	X	X				Jun-Dec	Jun-Dec	
	Grunts			COMMON			X	X	X	X	X	X	X	X	X	X						
	Gulf flounder			COMMON	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Apr-Nov	
	Gulf menhaden			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X			Dec-May	Jan-Dec	Mar-Oct	
	Hardhead catfish			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec	
	Kingfishes			COMMON						X	X	X	X	X	X	X				Jun-Dec		
	Ladyfish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec	Jan-Dec
	Lane snapper			COMMON									X	X						Sep-Oct		
	Mojarras			ABUNDANT				X	X	X	X	X	X	X	X	X				Apr-Nov		
	Pinfish			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X			Nov-Apr	Jan-Dec	Jan-Dec	
	Red drum			COMMON	X	X	X	X	X	X	X	X	X	X	X	X			Sep-Jan	Jan-Dec	Jan-Dec	
	Sand seatrout			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Sep	Apr-Sep	Apr-Oct	Jan-Dec	Jan-Dec	
	Sheepshead			COMMON	X	X	X	X	X	X	X	X	X	X	X	X			Mar-Jul	Jan-Dec	Jan-Dec	
	Silver mullet			COMMON	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			Nov-Mar	Jan-Dec	Feb-Sep	
	Spot			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X			Nov-Apr	Jan-Dec	Apr-Dec	
Spotted seatrout			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Sep	Apr-Sep	Apr-Oct	Jan-Dec	Jan-Dec		
Striped mullet			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X			Dec-Mar	Jan-Dec	Mar-Dec		
Tarpon			COMMON					X	X	X	X	X							May-Sep	Jun-Sep		
 Estuarine Resident	Code goby			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec		
	Gulf killifish			COMMON	X	X	X	X	X	X	X	X	X	X	X	Mar-Sep	Mar-Sep	Mar-Oct	May-Feb	Jan-Dec		
	Sheepshead minnow			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Mar-Sep	Mar-Sep	Apr-Oct	May-Mar	Jan-Dec		
	Silver perch			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Mar-Jul	Mar-Jul	Mar-Aug	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		
 Freshwater	Bluegill			COMMON	X	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	X	Mar-May	Mar-May	Mar-May	Jan-Dec	Jan-Dec		
 Marine Benthic	Cusk eels			COMMON	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec			
	Gag grouper			COMMON	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec		
	Gray triggerfish			PRESENT	X	X	X	X	X	X	X	X	X	X	X							
	Permit			PRESENT						X	X	X	X									
	Rays			COMMON	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec		
	Red snapper			COMMON						X	X	X							Jul-Oct			
	Rock sea bass			ABUNDANT				X	X	X	X	X	X	X	X							
	Searobins			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec			
Skates			COMMON	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec			
 Marine Pelagic	Atlantic tripletail			PRESENT	X	X	X	X	X	X	X	X	X	X	X							
	Cobia			COMMON			X	X	X	X	X	X	X	X	X	May-Sep	May-Sep			Mar-Nov		
	Crevalle jack			COMMON					X	X	X	X	X	X	X				Jun-Nov	May-Nov		
	King mackerel			PRESENT					X	X	X	X										
	Scalloped hammerhead			PRESENT	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				Feb-Dec	Feb-Dec		
	Spinner shark			-					X	X	X	X				May-Jun			Jun-Sep	May-Jun		
	Thread herring			ABUNDANT	X	X				X	X	X	X	X	X				Jun-Feb			





Sandy Creek, Florida (continued)

Habitats and Rare Plants																
Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D
 Plant	Apalachicola dragon-head	T	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Bumpy jointtail grass	T	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Chapman's crownbeard	T	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Dark-headed hatpins	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Florida skullcap	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Giant water-dropwort	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Godfrey's butterwort	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Harper's yellow-eyed grass	T	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Naked-stemmed panicgrass	T	-	-	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
	Primrose-flowered butterwort	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Quillwort yellow-eyed grass	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Spoon-leaved sundew	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
Wiregrass gentian	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X	
 Wetland	Southern milkweed	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	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	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






Human Use Resources

Icon	Type	Name	Contact	Phone
	Recreational Fishing	Shellfish Harvesting Area		
	Management Area	St. Andrew Bay Watershed Swim	NWFWM D SWIM	850/539-5999
	Historical Site	Historic Property	FL SHPO	850/245-6440
	Boat Ramp	Overstreet Ramp		
	Boat Ramp	Sandy Creek - Fwc # Wb-48		
	Boat Ramp	Unknown Boat Ramp		
	Boat Ramp	Whitfield Landing		












Sandy Creek, Florida (continued)

SHORELINE RESOURCES:

ESI Polygon Habitats

Pattern	ESI Rank	Habitat	Area (meters ²)
	10A	Salt- and brackish-water marshes	6,855,555
	10B	Freshwater marshes	10,094,658
	10C	Swamps	10,618,904
	10D	Scrub-shrub wetlands	9,995,002
	7	Exposed tidal flats	12,360

Shoreline Types (Length of ESI Shoreline on Map = 155,689 meters ; Length of Shoreline on Map = 152,998 meters)

Color	ESI Rank	Shoreline Habitat	Length (meters)	% of ESI Shoreline
	10A	Salt- and brackish-water marshes	111,661	71
	10B	Freshwater marshes	1,645	1
	10C	Swamps	14,790	9
	10D	Scrub-shrub wetlands	1,597	1
	9A	Sheltered tidal flats	345	<1
	9B	Vegetated low banks	18,901	12
	8A	Sheltered scarps in bedrock, mud or clay	382	<1
	8B	Sheltered, solid man-made structures	332	<1
	7	Exposed tidal flats	11,236	7
	5	Mixed sand and gravel beaches	2,252	1
	3A	Fine- to medium-grained sand beaches	12,847	8

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