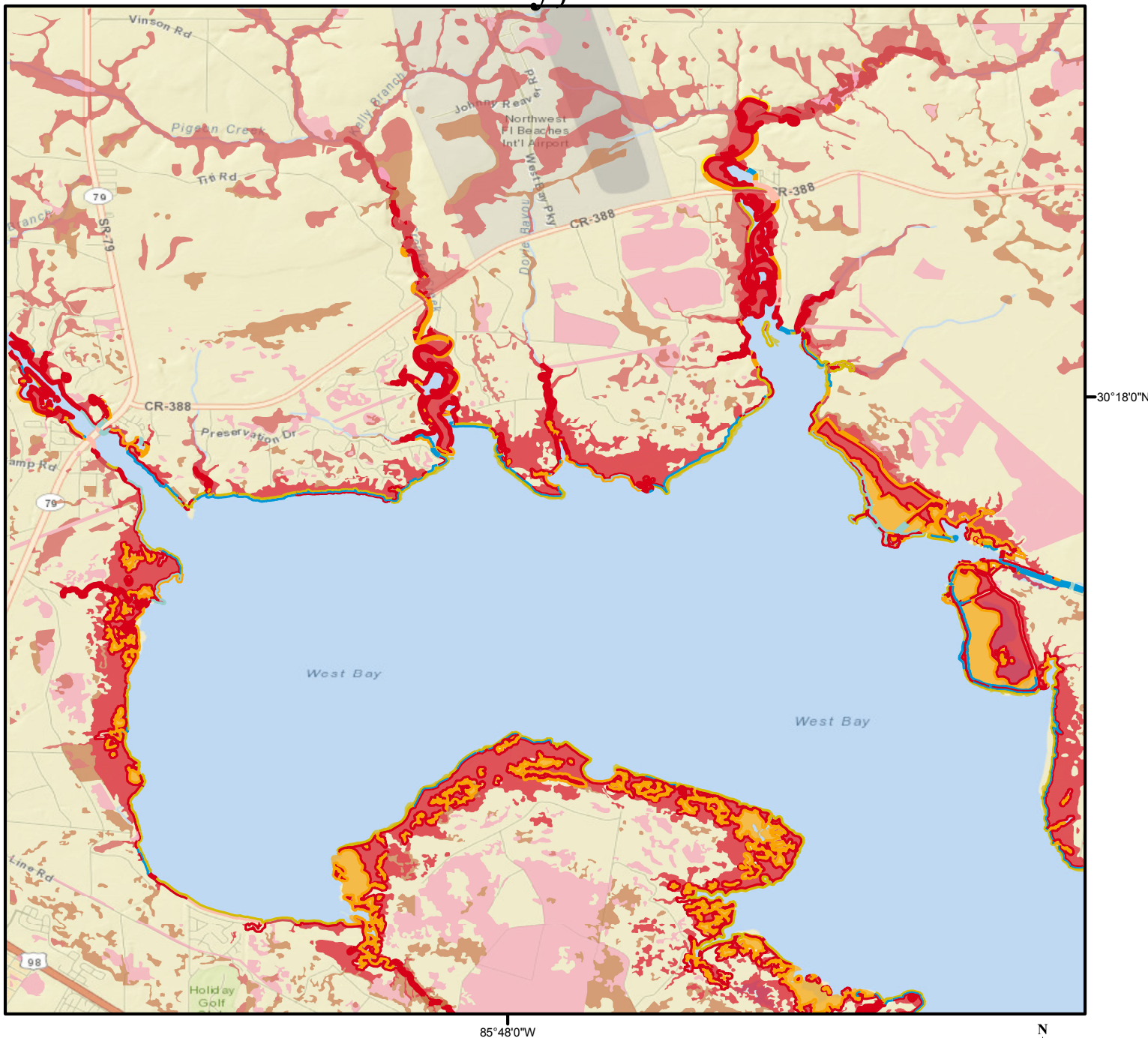


# West Bay, Florida

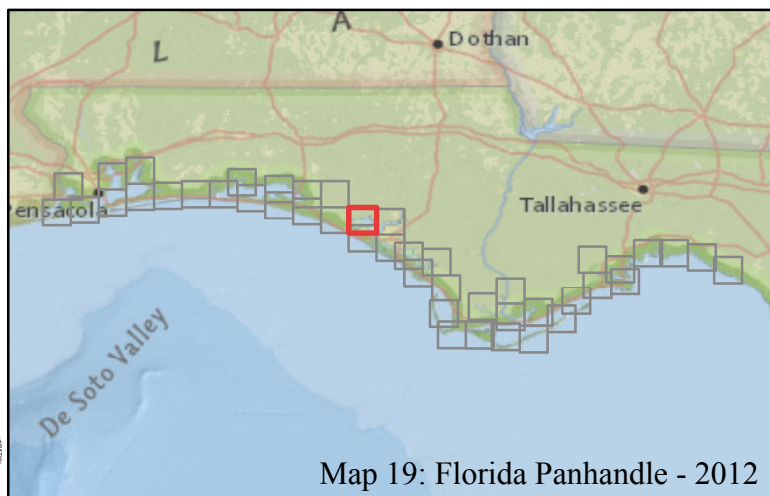


## ESI Shoreline Habitats on Map

- 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
- 8C Sheltered riprap
- 7 Exposed tidal flats
- 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 19: Florida Panhandle - 2012


# West 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						
	Laughing gull			-	X	X	X	X	X	X	X	X	X	X	X	X			
	Least tern	T		-						X	X	X	X						
	Ring-billed gull			-	X	X	X	X	X	X	X	X	X	X	X	X			
 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			
 Waterfowl	American black duck			-	X	X	X	X						X	X	X			
	American coot		10S		X	X							X	X	X	X			
	American wigeon		-		X	X	X	X						X	X	X			
	Bufflehead		100S		X	X										X			
	Common goldeneye		-		X	X	X									X			
	Gadwall		-		X	X	X							X	X	X			
	Lesser scaup		100S		X	X	X	X						X	X	X			
	Mallard		-		X	X	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		100S		X	X	X								X	X			
	Ring-necked duck		-		X	X	X	X						X	X	X			
	Ruddy duck		-		X	X	X	X						X	X	X			
	Wood duck		-		X	X	X	X	X	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				Jul-Dec	Sep-Mar
	Gulf sturgeon	T	T	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X					
	Striped bass			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X					


## West 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 Nursery	Atlantic croaker			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X			Nov-Mar	Jan-Dec	Mar-Nov
	Atlantic sharpnose shark			PRESENT				X	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					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			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-Feb	Jan-Dec	Jan-Dec
	Gulf menhaden			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X			Dec-May	Jan-Dec	Jan-Dec
	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					Apr-Nov	
	Pinfish			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X			Nov-Apr	Jan-Dec	Jan-Dec
	Porgy spp.			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X					
	Red drum			COMMON	X	X	X	X	X	X	X	X	X	X	X	X		Sep-Jan	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-May	Mar-May	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	Jan-Dec
	Spot			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X			Nov-Apr	Jan-Dec	Jan-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						Aug-Dec	May-Sep	Jun-Oct
 Estuarine Resident	Code goby			ABUNDANT	X	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	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	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	X	Mar-Jul	Mar-Jul	Mar-Aug	Jan-Dec	Jan-Dec
	Silversides			ABUNDANT	X	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	X				Jan-Dec	Jan-Dec
 Freshwater	Bluegill			COMMON	X	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	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	X				Jan-Dec	
	Florida pompano			COMMON			X	X	X	X	X	X	X	X	X	X				Jun-Sep	Mar-Dec
	Gag grouper			COMMON	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Goatfishes			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X					
	Gray triggerfish			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X					
	Little tunny			PRESENT	X	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	X					Jan-Dec
	Red snapper			COMMON						X	X	X	X							Jul-Oct	
	Rock sea bass			ABUNDANT				X	X	X	X	X	X	X	X	X					
	Searobins			ABUNDANT	X	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	X					Jan-Dec


## West 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		
 Marine Pelagic	Atlantic tripletail			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Jun	May-Sep	May-Sep	Mar-Nov	Apr-Nov		
	Blacktip shark			PRESENT			X	X	X	X	X	X	X	X	X								
	Blue runner			ABUNDANT					X	X	X	X	X	X						May-Sep	May-Oct		
	Cobia			COMMON		X	X	X	X	X	X	X	X	X	X		May-Sep			May-Sep	Jun-Nov	Mar-Nov	
	Crevalle jack			COMMON					X	X	X	X	X	X								May-Nov	
	King mackerel			PRESENT						X	X	X	X	X									
	Red grouper			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Jun		Apr-Oct	Jan-Dec	Apr-Nov		
	Scalloped hammerhead			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X							
	Spanish mackerel			ABUNDANT				X	X	X	X	X	X	X	X					Feb-Dec	Feb-Dec		
	Spanish sardine			ABUNDANT	X	X						X	X	X	X		May-Jun			Sep-Feb	May-Jun		
	Spinner shark			-					X	X	X	X	X							Jun-Sep			
	Thread herring			ABUNDANT	X	X				X	X	X	X	X	X					Jun-Feb			
	Tiger shark			-							X	X						Jul-Aug		Jul-Aug			

(\*) = 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	Hummingbird flower	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
	Wiregrass gentian	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	INTERNESTING	JUVENILE	ADULT		
 Snake	Gulf salt marsh snake			-	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Apr	Jul-Aug			Jan-Dec		
 Turtle	Diamondback terrapin			-			X	X	X	X	X	X	X	X	X	X	Apr-Jun	Aug-Sep					
	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	NWFWMD SWIM	850/539-5999
	Boat Ramp	Burnt Mill Creek Boat Ramp		
	Abandoned Vessel	Mary J Ii		

## West Bay, Florida (continued)

### SHORELINE RESOURCES:

#### ESI Polygon Habitats

Pattern	ESI Rank	Habitat	Area (meters <sup>2</sup> )
	10A	Salt- and brackish-water marshes	14,263,178
	10B	Freshwater marshes	11,785,571
	10C	Swamps	11,620,568
	10D	Scrub-shrub wetlands	6,155,867
	9A	Sheltered tidal flats	3,345,819
	7	Exposed tidal flats	660,955

#### Shoreline Types (Length of ESI Shoreline on Map = 282,078 meters ; Length of Shoreline on Map = 243,002 meters)

Color	ESI Rank	Shoreline Habitat	Length (meters)	% of ESI Shoreline
	10A	Salt- and brackish-water marshes	237,909	84
	10B	Freshwater marshes	2,387	<1
	10C	Swamps	18,613	6
	10D	Scrub-shrub wetlands	2,282	<1
	9A	Sheltered tidal flats	130,582	46
	9B	Vegetated low banks	11,866	4
	8A	Sheltered scarps in bedrock, mud or clay	742	<1
	8B	Sheltered, solid man-made structures	2,528	<1
	8C	Sheltered riprap	27	<1
	7	Exposed tidal flats	49,211	17
	5	Mixed sand and gravel beaches	10,764	3
	4	Coarse-grained sand beaches	18	<1
	3A	Fine- to medium-grained sand beaches	28,485	10

**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