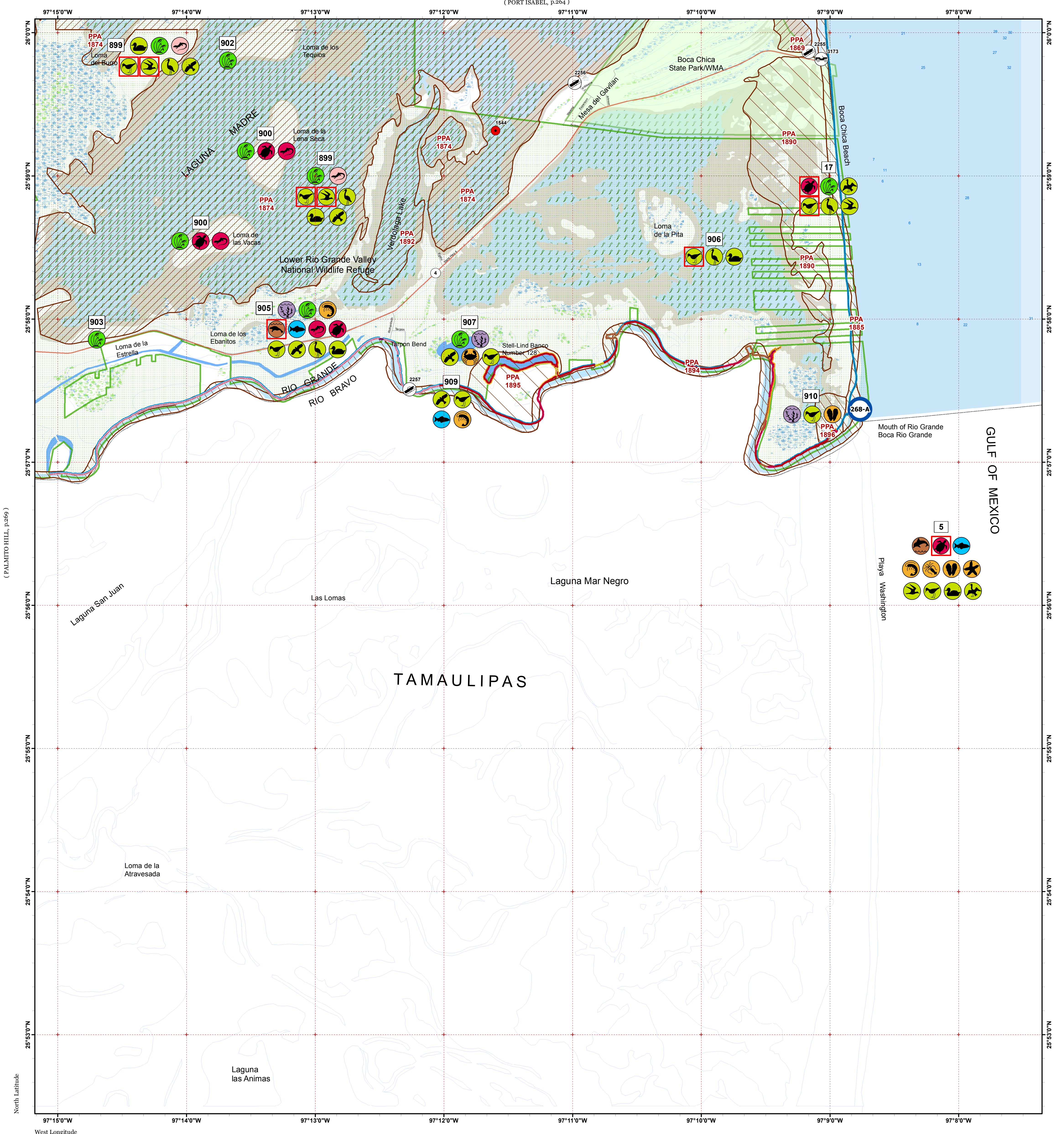


MOUTH OF RIO GRANDE

Click Here or Scroll Down for Associated Map Data

Click on the Geographic Response Plan Target to View the ICS Form

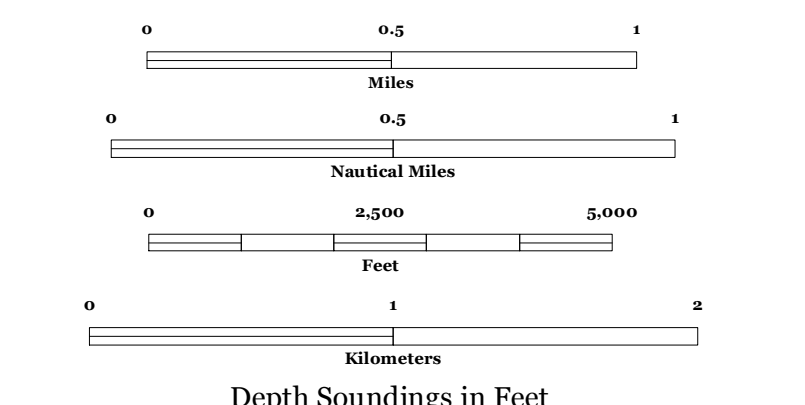
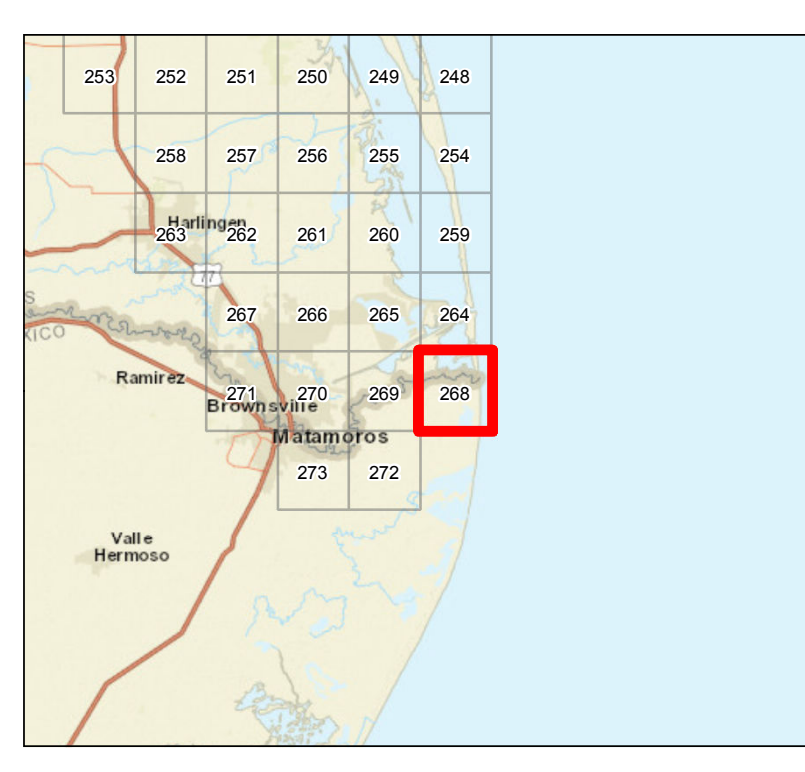


TEXAS
GENERAL LAND OFFICE
OIL SPILL
PREVENTION & RESPONSE

NOAA
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE

Oil Spill Planning and Response Atlas
2016

The Texas General Land Office makes no representations or warranties regarding the accuracy or completeness of the information depicted on this map or the data from which it was produced. This map is not suitable for navigational purposes and does not purport to depict boundaries of private and public land.



- Human Use Features**
- Beach Access
 - Boat Ramp
 - Facility
 - Geographic Response Plan

- Priority Protection Areas**
- HIGH
 - MEDIUM
 - LOW

- Map Base Layers**
- State Highway
 - Road
 - Wildlife Refuge
 - State Parks/WMA's
 - Estuarine Seagrass or Algae Bed
 - Bays
 - Salt and Brackish Marshes
 - Intertidal Scrub/Shrub
 - Beach or Tidal Flat
 - Marine Bottom
 - Marine Shoreline
 - Freshwater Marshes
 - Lake / Pond
 - Tidally Influenced River
 - County Boundary

- Species Icons Within Map Quad**
- Amphibian
 - Reptile
 - Turtle
 - Turtle T/E
 - Benthic Marine
 - Bivalve
 - Cephalopod
 - Crab
 - Echinoderms
 - Shrimp
 - Fish
 - Dolphin
 - Mammal
 - Mammal T/E
 - Marsh
 - Plant
 - Diving Bird
 - Gull/Tern
 - Gull/Tern T/E
 - Raptor
 - Shorebird
 - Shorebird Endangered
 - Wading
 - Waterfowl

- ENVIRONMENTAL SENSITIVITY INDEX**
- 10D Mangroves and Woody Vegetation
 - 10C Freshwater Swamps
 - 10B Freshwater Marshes
 - 10A Salt and Brackish Water Marshes
 - 9 Sheltered Tidal Flats
 - 8C Sheltered Rocky/Karst Shores
 - 8D Sheltered Scarps
 - 8B Sheltered Riprap Structures
 - 8A Sheltered Solid Manmade Structures
 - 7 Exposed Tidal Flats
 - 6B Exposed Riprap Structures
 - 6A Gravel or Shell Beaches
 - 5 Mixed Sand and Gravel or Shell Beaches
 - 4 Coarse-Grained Sand Beaches
 - 3B Scarps and Steep Slopes in Sand
 - 3A Fine-Grained Sand Beaches
 - 2B Wave-Cut Clay Platforms
 - 2A Scarps and Steep Slopes in Clay
 - 1 Exposed Walls and Other Solid Structures

Quadrant: MOUTH OF RIO GRANDE

Map # :268

Biological Information for this quadrant represents known concentration areas of occurrence.

Habitat Priority Protection Areas

PPA ID	PRIORITY	POLY DESC	BIRDS RANK	BIRDS DESC	FISH DESC	FISH RANK	WETLANDS R	WETLANDS D
PPA1869	HIGH	South Bay perimeter	HIGH		Important nursery	HIGH	HIGH	Sand, mud flat with algal mat and black mangrove fringe. Intermittently vegetated, occasionally inundated
PPA1874	HIGH	South Bay flats and lomas	HIGH	Piping plovers, peregrine falcons, shorebirds; ocelot occasional in surrounding brush; lomas support Texas tortoise, speckled racer				Sand-mud flats and algal mat, occasionally inundated; brushland habitat (Texas ebony/snake-eyes series) on upland lomas
PPA1885	MEDIUM	Boca Chica Beach	HIGH	Shorebirds, piping plovers, pelicans, terns				
PPA1890	LOW	Flats west of Boca Chica Beach	HIGH					
PPA1892	HIGH	Verdolaga Lake	HIGH	Piping and snowy plover habitat				Sand-mud flat and algal mat, occasionally inundated
PPA1894	MEDIUM	Lower Rio Grande	HIGH		Nursery, recreational fishing	HIGH		
PPA1895	LOW	Stell-Lind Banco No. 128	HIGH	Waterbirds				
PPA1896	MEDIUM	Mangrove swamp at mouth of Rio Grande			Nursery area	HIGH	HIGH	Black mangrove, low marsh

Biological Resources

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
17	Migratory songbirds						X	X	X	X		X	X	X	X					
	Brown pelican				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-AUG	APR-AUG	APR-AUG
	Terns				X	X	X	X	X	X	X	X	X	X	X	X				
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Ruddy turnstone				X	X	X	X	X				X	X	X	X				
	Sanderling				X	X	X	X	X			X	X	X	X	X				
	Red knot		T					X	X			X	X							
	Piping plover		T		X	X	X	X	X		X	X	X	X	X	X				
5	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Franklin's gull							X	X	X			X	X	X					
	Northern gannet				X	X	X	X					X	X	X	X				
	Black tern						X	X	X	X	X	X	X	X	X					JUL-JUN
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
899	Migratory songbirds						X	X	X	X		X	X	X	X					
	Least tern		E				X	X	X	X	X	X	X	X			APR-SEP	APR-SEP	MAY-SEP	MAY-SEP
	Peregrine falcon				X	X	X	X	X				X	X	X	X				
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Dunlin				X	X	X	X	X				X	X	X					
	Red knot		T					X	X			X	X							
	Western sandpiper	C			X	X	X	X			X	X	X	X	X	X				
	Least sandpiper				X	X	X	X	X		X	X	X	X	X	X				
	Snowy plover				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Piping plover		T		X	X	X	X	X		X	X	X	X	X	X				
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
902	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
903	Migratory songbirds						X	X	X	X		X	X	X	X					
905	Migratory songbirds						X	X	X	X		X	X	X	X					
	Peregrine falcon				X	X	X	X	X				X	X	X	X				
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Wilson's plover	C					X	X	X	X	X	X	X	X			MAR-AUG			
	Long-billed curlew	C			X	X	X	X	X	X	X	X	X	X	X	X				
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
906	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Red knot		T					X	X			X	X							
	Piping plover		T		X	X	X	X	X		X	X	X	X	X	X				
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Reddish egret			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	American white pelican	C			X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
907	Osprey				X	X	X	X	X	X	X	X	X	X	X	X				
	Yellow-crowned night-heron				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
909	Osprey				X	X	X	X	X	X	X	X	X	X	X	X				
	Yellow-crowned night-heron				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
910	Migratory songbirds						X	X	X	X		X	X	X	X					
	Yellow-crowned night-heron				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
	Black-crowned night-heron				X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	APR-SEP

Fish

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
5	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Sharks				X	X	X	X	X	X	X	X	X	X	X	X		
	Striped anchovy				X	X	X	X	X	X	X	X	X	X	X	X		MAR-MAY
	Sheepshead				X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	FEB-APR
	Silver seatrout				X	X	X	X	X	X	X	X	X	X	X	X		MAY-OCT
	Ladyfish							X	X	X	X	X	X	X				SEP-OCT
	Tarpon				X	X	X	X	X	X	X	X	X	X	X	X		APR-JUL
	Southern kingfish (whiting)				X	X	X	X	X	X	X	X	X	X	X	X		JUL-NOV
	Gulf kingfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Star drum				X	X	X	X	X	X	X	X	X	X	X	X		
	Blennies				X	X	X	X	X	X	X	X	X	X	X	X		
	Snook				X	X	X	X	X	X	X	X	X	X	X	X		JUN-JUL
	Pigfish				X				X	X	X	X	X	X	X	X		MAR-APR
	Rays				X	X	X	X	X	X	X	X	X	X	X	X		
	Atlantic threadfin				X	X	X	X	X	X	X	X	X	X	X	X		DEC-APR
	Soles				X	X	X	X	X	X	X	X	X	X	X	X		
	Inshore lizardfish				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	ALLYEAR
	Florida pompano				X	X	X	X	X	X	X	X	X	X	X	X		FEB-OCT
	Crevalle jack				X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-SEP
	Mackerels						X	X	X	X	X	X	X	X				
	Spanish mackerel				X	X	X	X	X	X	X	X	X	X	X	X		
	Sergeant major				X	X	X	X	X	X	X	X	X	X	X	X		ALLYEAR
	Gray triggerfish				X	X	X	X	X	X	X	X	X	X	X	X		OCT-DEC
	Blue runner				X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	JAN-AUG
	Atlantic spadefish				X	X	X	X	X	X	X	X	X	X	X	X		MAY-SEP
	Atlantic bumper				X	X	X	X	X	X	X	X	X	X	X	X		
	Little tunny				X	X	X	X	X	X	X	X	X	X	X	X		APR-NOV
	Grunts				X	X	X	X	X	X	X	X	X	X	X	X		
	Scaled sardine				X	X	X	X	X	X	X	X	X	X	X	X		FEB-JUL
	Gray snapper				X	X	X	X	X	X	X	X	X	X	X	X	APR-NOV	JUN-SEP
	Snappers				X	X	X	X	X	X	X	X	X	X	X	X		
	Goatfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Leatherjacket				X	X	X	X	X	X	X	X	X	X	X	X		
	Harvestfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Gulf butterfish				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	
	Bluefish				X	X	X	X	X	X	X	X	X	X	X	X		SEP-NOV
	Atlantic moonfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Groupers				X	X	X	X	X	X	X	X	X	X	X	X		
	Longspine porgy				X	X	X	X	X	X	X	X	X	X	X	X		
	Atlantic needlefish				X	X	X	X	X	X	X	X	X	X	X	X		JUN-AUG
	Permit				X	X	X	X	X	X	X	X	X	X	X	X		
	Atlantic cutlassfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Southern hake				X	X	X	X	X	X	X	X	X	X	X	X		
905	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Snook			LOW	X	X	X	X	X	X	X	X	X	X	X	X		JUN-JUL
909	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY

Invertebrate

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
5	Molluscs				X	X	X	X	X	X	X	X	X	X	X	X		
	Echinoderms				X	X	X	X	X	X	X	X	X	X	X	X		
	Cnidarians				X	X	X	X	X	X	X	X	X	X	X	X		
	Polychaetes				X	X	X	X	X	X	X	X	X	X	X	X		
	Mantis shrimp				X	X	X	X	X	X	X	X	X	X	X	X		
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
905	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
907	Blue land crab				X	X	X	X	X	X	X	X	X	X	X	X		JUN-DEC
909	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
910	Eastern oyster			LOW	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV

Mammal

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING	MATING	CALVING
5	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
905	Jaguarundi		E	LOW	X	X	X	X	X	X	X	X	X	X	X	X		NOV-DEC		
	Ocelot		E	LOW	X	X	X	X	X	X	X	X	X	X	X	X				
	Coues' rice rat				X	X	X	X	X	X	X	X	X	X	X	X		ALLYEAR		

Reptile

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	LARV/JUV
17	Kemp's ridley sea turtle		E		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
5	Loggerhead sea turtle		T		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
	Green sea turtle		T		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
	Leatherback sea turtle		E	LOW	X	X	X	X	X	X	X	X	X	X	X	X				ALLYEAR
	Atlantic hawksbill sea turtle		E	LOW				X	X	X	X	X	X	X						APR-OCT
	Kemp's ridley sea turtle		E		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
900	Speckled racer			LOW	X	X	X	X	X	X	X	X	X	X	X	X				
	Texas tortoise				X	X	X	X	X	X	X	X	X	X	X	X	JUN-JUL			
905	Black-striped snake			LOW	X	X	X	X	X	X	X	X	X	X	X	X				
	Speckled racer			LOW	X	X	X	X	X	X	X	X	X	X	X	X				
	Texas tortoise				X	X	X	X	X	X	X	X	X	X	X	X	JUN-JUL			

Human Use Resources

Beach Access	RARNUM	NAME	CONTACT	CONTACT INFO
	3173	State Highway 4		
Boat Ramp	RARNUM	NAME	CONTACT	CONTACT INFO
	2255	South Bay		cameronnuecesrio@southbay
	2256	Pollok Village		cameronnuecesrio@pollokvillage
	2257	Border Patrol Ramp		cameronnuecesrio@borderpatrolramp
Facility	RARNUM	NAME	CONTACT	CONTACT INFO
	1544	La Pita #2R Tank Battery	Ed Birdwell	956-763-2992

