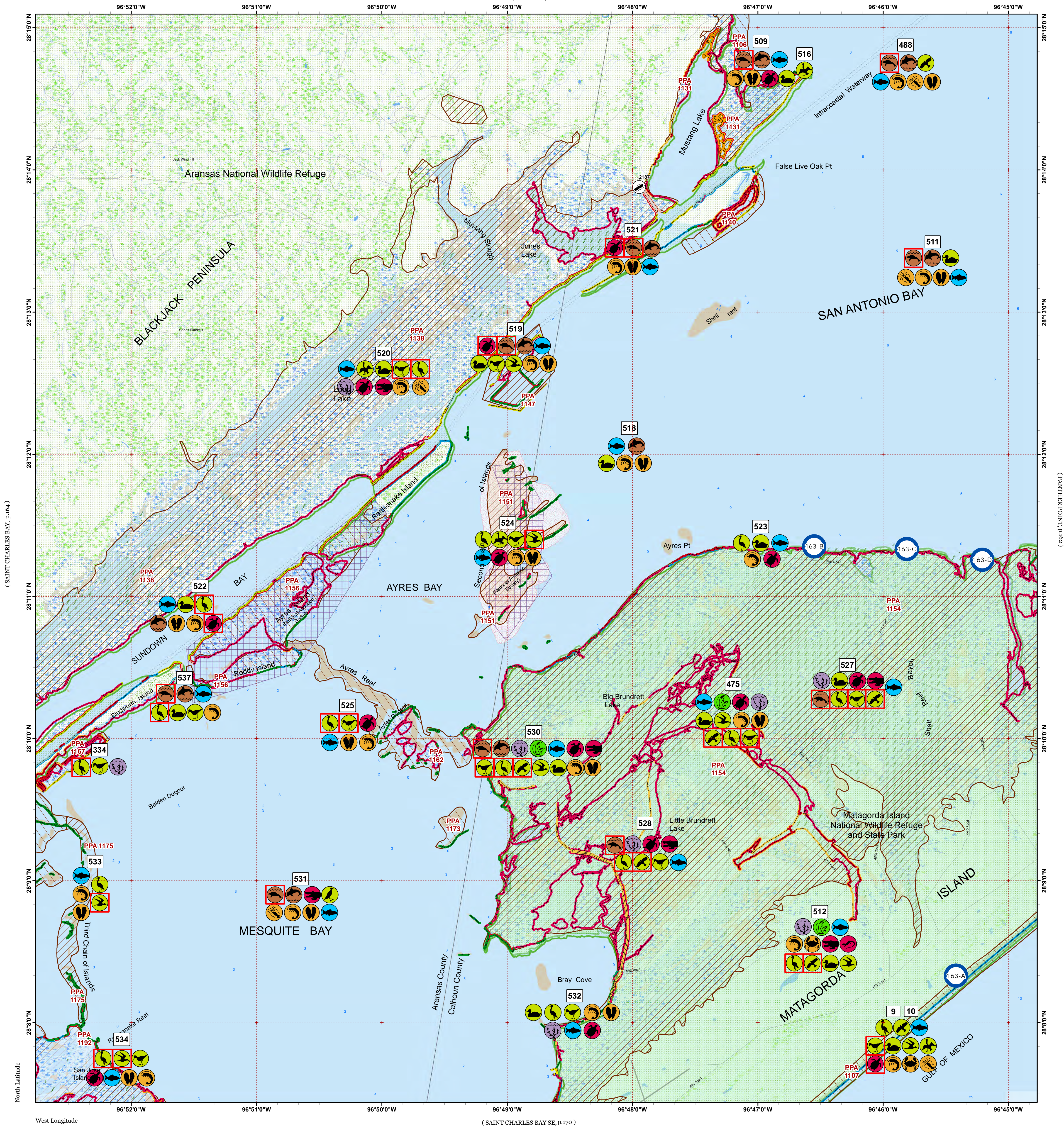


MESQUITE BAY

(TIVOLI SE, p.155)

Click Here or Scroll Down for Associated Map Data

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



(SAINT CHARLES BAY, p.164)

(PANTHER POINT, p.162)

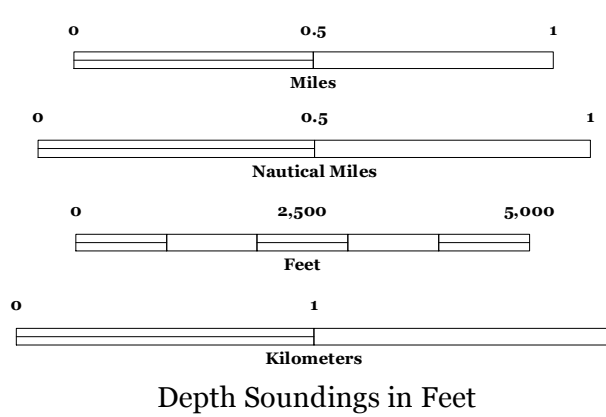
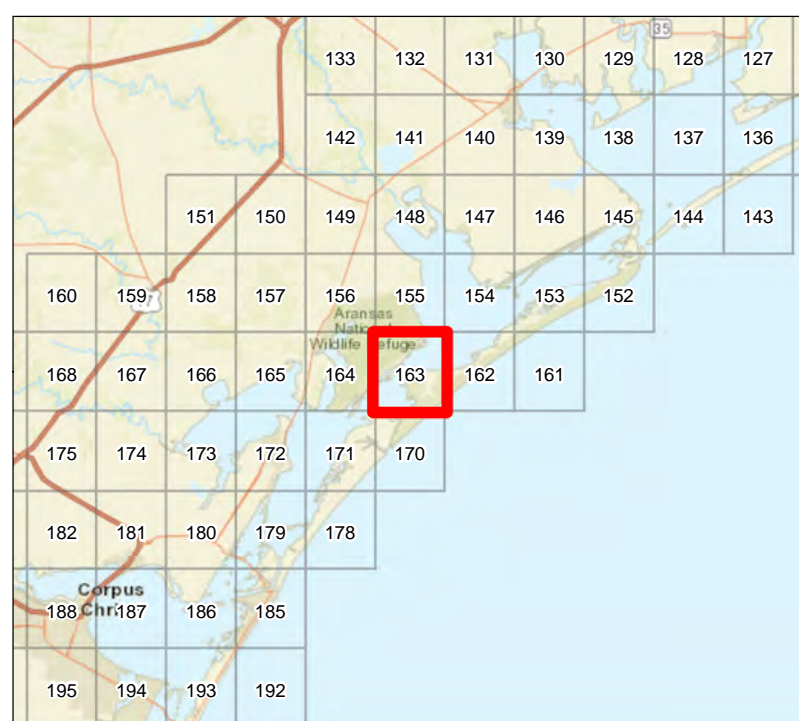
(SAINT CHARLES BAY SE, p.170)



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

- Boat Ramp
- Geographic Response Plan

Map Base Layers

- Airport Runways
- Road
- GIWW
- Wildlife Refuge
- Audubon Sanctuaries
- State Parks/WMA's
- Oysters
- Estuarine Seagrass or Algae Bed
- Bays
- Salt and Brackish Marshes
- Intertidal Scrub/Shrub
- Beach or Tidal Flat
- Marine Bottom
- Marine Shoreline
- Freshwater Marshes
- Willow Thickets
- Lake / Pond
- County Boundary

Priority Protection Areas

- HIGH
- MEDIUM

Species Icons Within Map Quad

- Alligator
- Reptile
- Turtle
- Turtle T/E
- Benthic Marine
- Bivalve
- Cephalopod
- Crab
- Echinoderms
- Shrimp
- Fish
- Fish T/E
- Dolphin
- Mammal T/E
- Marsh
- Plant
- Diving Bird
- Gull/Tern
- Gull/Tern T/E
- Pelagic Bird
- Raptor
- Raptor Endangered
- Shorebird
- Shorebird Endangered
- Wading
- Wading Endangered
- 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: MESQUITE BAY

Map # :163

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
	HIGH	Boat Dock Road colonial waterbird rookery, colony code 609-470	High	Roseate spoonbills, Little blue herons, Great egrets				
PPA1106	MEDIUM	West shore of San Antonio Bay	MEDIUM	Shorebirds, wading birds, waterfowl, piping plover along unvegetated shoreline areas. Occasional whooping crane usage area.	Oyster reefs	MEDIUM	MEDIUM	SAV including Ruppia maritima and Halodule wrightii, also Spartina alterniflora marsh.
PPA1107	MEDIUM	Gulf beach	HIGH	Piping plover feeding on exposed beaches, brown pelican feeding in surf zone, peregrine falcon, snowy plover, least tern, shorebirds, wading birds.				
PPA1131	HIGH	Aransas National Wildlife Refuge eastern shore, salt marsh area	VERY HIGH	Whooping crane wintering area, high waterfowl usage, high shorebirds, piping plover and wading birds. Diamondback terrapins, American alligator in secondary bays.	Fish and invertebrate nursery.	VERY HIGH	HIGH	Very high productivity Spartina alterniflora marsh.
PPA1138	HIGH	Aransas National Wildlife Refuge eastern shore, salt marsh area	VERY HIGH	Whooping crane wintering area, high waterfowl usage, high shorebirds, piping plover and wading birds. Diamondback terrapins, American alligator in secondary bays.	Fish and invertebrate nursery.	VERY HIGH	HIGH	Very high productivity Spartina alterniflora marsh.
PPA1140	MEDIUM	Spoil islands and mitigation areas in San Antonio Bay and Mesquite Bay	HIGH	Whooping crane feeding area, high shorebirds and wading birds. Diamondback terrapins. (609-421)	Fish and invertebrate nursery wish scattered oyster on margins and inside mitigation areas.	MEDIUM	MEDIUM	Spartina alterniflora fringe marsh.
PPA1147	HIGH	Spoil islands and mitigation areas in San Antonio Bay and Mesquite Bay	HIGH	Whooping crane feeding area, high shorebirds and wading birds,black skimmers. Diamondback terrapins. (609-421). Bird rookery (609427)	Fish and invertebrate nursery wish scattered oyster on margins and inside mitigation areas.	MEDIUM	MEDIUM	Spartina alterniflora fringe marsh.
PPA1151	HIGH	Second Chain of Islands	HIGH	Important rookery for reddish egret, herons, other waterbirds (609-422)	Commercial and non-commercial oyster reef.	MEDIUM	LOW	Patchy transitional upland vegetation.
PPA1154	HIGH	Matagorda Island National Wildlife Refuge western shore, salt marsh area	VERY HIGH	Whooping crane wintering area, piping plover on sand/mud flats, high waterfowl, high shorebirds and wading birds. Diamondback terrapins, American alligator in secondary bays.	Fish and invertebrate nursery.	VERY HIGH	HIGH	Very high productivity Spartina alterniflora marsh. Patchy black mangrove throughout.
PPA1156	MEDIUM	Spoil islands and mitigation areas in San Antonio Bay and Mesquite Bay	HIGH	Whooping crane feeding area, high shorebirds and wading birds. Diamondback terrapins. (609-421)	Fish and invertebrate nursery wish scattered oyster on margins and inside mitigation areas.	MEDIUM	MEDIUM	Spartina alterniflora fringe marsh.
PPA1162	MEDIUM	Exposed reefs of Mesquite Bay, Carlos Bay	LOW	Loafing area and nesting on higher elevations, shorebirds, wading birds. (609-400)	Oyster reef, fish and invertebrate nursery	MEDIUM	LOW	Patchy transitional upland vegetation.
PPA1167	MEDIUM	Spoil islands and mitigation areas in San Antonio Bay and Mesquite Bay	HIGH	Whooping crane feeding area, high shorebirds and wading birds. Diamondback terrapins. (609-421)	Fish and invertebrate nursery wish scattered oyster on margins and inside mitigation areas.	MEDIUM	MEDIUM	Spartina alterniflora fringe marsh.
PPA1173	MEDIUM	Exposed reefs of Mesquite Bay, Carlos Bay	LOW	Loafing area and nesting on higher elevations, shorebirds, wading birds. (609-400)	Oyster reef, fish and invertebrate nursery	MEDIUM	LOW	Patchy transitional upland vegetation.
PPA1175	HIGH	Third Chain of Islands	HIGH	Active colonial waterbird rookeries (609-400 and 609-424)	Commercial and non-commercial oyster reef.	MEDIUM	LOW	Patchy transitional upland vegetation.
PPA1192	HIGH	San Jose Island wetlands including Vinson Slough	VERY HIGH	Whooping crane wintering, high shorebirds and wading birds including piping and snowy plovers, reddish egret. High waterfowl area.	Fish and invertebrate nursery with high adult fish concentrations.	HIGH	HIGH	Spartina alterniflora marsh with dense SAV and dense drift algae.

Biological Resources

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
10	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				
	Peregrine falcon				X	X	X	X	X				X	X	X	X				

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
334	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							
	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
	Willet				X	X	X	X	X	X	X	X	X	X	X	X	APR–AUG	APR–AUG	APR–AUG	MAY–SEP
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
475	Shorebirds				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
	Whooping crane		E		X	X	X	X						X	X	X				
488	Gulls				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				
	Forster's tern				X	X	X	X	X	X	X	X	X	X	X	X	MAR–AUG	MAR–AUG	MAR–AUG	MAR–SEP
	White-tailed hawk				X	X	X	X	X	X							FEB–JUN			
	Aplomado falcon	E		LOW	X	X	X	X	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				
	Red knot		T					X	X			X	X							
	Piping plover		T		X	X	X	X	X		X	X	X	X	X	X				
509	Yellow-crowned night heron			10	X	X	X	X	X	X	X	X	X	X	X	X	APR–SEP	APR–SEP	APR–SEP	APR–SEP
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR–JUL	MAR–JUL	MAR–JUL	MAR–AUG
	Roseate spoonbill			20	X	X	X	X	X	X	X	X	X	X	X	X	APR–AUG	APR–AUG	APR–AUG	MAY–SEP
	Cattle egret			2	X	X	X	X	X	X	X	X	X	X	X	X	APR–JUL	APR–JUL	APR–JUL	APR–AUG
	Great egret			2	X	X	X	X	X	X	X	X	X	X	X	X	DEC–MAR	JAN–MAR	FEB–APR	MAR–MAY
	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB–AUG	APR–AUG	APR–AUG	APR–SEP
	Snowy egret	C		16	X	X	X	X	X	X	X	X	X	X	X	X				
	White ibis			5	X	X	X	X	X	X	X	X	X	X	X	X	FEB–JUN	FEB–JUN	FEB–JUN	MAR–JUL
	Whooping crane		E		X	X	X	X						X	X	X				
512	Wood stork				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				
	Northern pintail	C			X	X	X	X				X	X	X	X	X				
	Green-winged teal				X	X	X	X	X				X	X	X	X				
	Mottled duck	C		HIGH	X	X	X	X	X	X	X	X	X	X	X	X	JAN–AUG	JAN–AUG	JAN–AUG	FEB–SEP
	Redhead			HIGH	X	X	X	X	X					X	X	X				
	American white pelican	C			X	X	X	X	X	X	X	X	X	X	X	X	FEB–AUG	FEB–AUG	FEB–AUG	MAR–SEP
	Bald eagle				X	X	X	X	X	X	X	X	X	X	X	X	JAN–AUG	JAN–AUG	JAN–AUG	FEB–SEP
	Franklin's gull							X	X	X			X	X	X					
516	Northern gannet				X	X	X	X						X	X	X				
	Black tern						X	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				
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Geese				X	X	X	X						X	X	X				
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Forster's tern				X	X	X	X	X	X	X	X	X	X	X	X	MAR–AUG	MAR–AUG	MAR–AUG	MAR–SEP
	White-tailed hawk				X	X	X	X	X	X							FEB–JUN			
518	Aplomado falcon	E		LOW	X	X	X	X	X	X	X	X	X	X	X	X				
	Peregrine falcon				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
	Great egret			4	X	X	X	X	X	X	X	X	X	X	X	X	DEC–MAR	JAN–MAR	FEB–APR	MAR–MAY
	Whooping crane		E		X	X	X	X					X	X	X	X				
	Sandhill crane				X	X	X	X					X	X	X	X				
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Northern pintail	C			X	X	X	X				X	X	X	X	X				
	Northern shoveler				X	X	X	X	X				X	X	X	X				
519	Teals				X	X	X	X					X	X	X	X				
	Gadwall				X	X	X	X					X	X	X	X				
	Redhead				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
	Waterfowl			HIGH	X	X	X	X	X	X	X	X	X	X	X	X				
	Northern pintail	C			X	X	X	X				X	X	X	X	X				
	Lesser scaup			HIGH	X	X	X	X					X	X	X	X				
	Redhead			HIGH	X	X	X	X	X					X	X	X				
	Canada goose				X	X	X							X	X	X				
520	Bufflehead				X	X	X	X							X	X				
	Common goldeneye				X	X	X	X							X	X				
	Black skimmer	C		30	X	X	X	X	X	X	X	X	X	X	X	X	APR–SEP	APR–SEP	APR–SEP	APR–SEP
	Forster's tern				X	X	X	X	X	X	X	X	X	X	X	X	MAR–AUG	MAR–AUG	MAR–AUG	MAR–SEP
	Gull-billed tern			14	X	X	X	X	X	X	X	X	X	X	X	X	FEB–AUG	FEB–AUG	FEB–AUG	MAR–SEP
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Shorebirds			HIGH	X	X	X	X	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				
520	Piping plover		T		X	X	X	X	X		X	X	X	X	X	X				
	Short-billed dowitcher				X	X	X	X	X		X	X	X	X	X	X				
	American avocet				X	X	X	X	X			X	X	X	X	X				
	Cormorants				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
	Willet				X	X	X	X	X	X	X	X	X	X	X	X	APR–AUG	APR–AUG	APR–AUG	MAY–SEP
	Whooping crane		E	HIGH	X	X	X	X						X	X	X				
	Clapper rail				X	X	X	X	X	X	X	X	X	X	X	X	MAR–AUG	MAR–AUG	MAR–AUG	APR–SEP
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
520	Northern pintail	C			X	X	X	X				X	X	X	X	X				
	Blue-winged teal				X	X	X	X	X	X		X	X	X	X	X	APR–MAY			
	Mottled duck	C		HIGH	X	X	X	X	X	X	X	X	X	X	X	X	JAN–AUG	JAN–AUG	JAN–AUG	FEB–SEP
	Gadwall				X	X	X	X					X	X	X	X				
	Redhead				X	X	X	X	X					X	X	X				
	Canada goose				X	X	X							X	X	X				
	American white pelican	C		HIGH	X	X	X	X	X	X	X	X	X	X	X	X	FEB–AUG	FEB–AUG	FEB–AUG	MAR–SEP

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
522	Whooping crane		E		X	X	X	X						X	X	X				
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
523	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				
	Redhead				X	X	X	X						X	X	X				
	Greater scaup				X	X	X						X	X	X	X				
	Bufflehead				X	X	X						X	X	X	X				
524	Brown pelican				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-AUG	APR-AUG	APR-AUG
	Laughing gull			530	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Black skimmer	C		92	X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
	Least tern		E				X	X	X	X	X	X	X	X			APR-SEP	APR-SEP	MAY-SEP	MAY-SEP
	Caspian tern				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	MAR-JUN	MAR-JUN	MAR-JUL
	Forster's tern			34	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	MAR-SEP
	Gull-billed tern			4	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	American oystercatcher	C		18	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	MAY-AUG	MAY-AUG	MAY-SEP
	Black-crowned night-heron			50	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	APR-SEP
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Roseate spoonbill			66	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	Great blue heron			62	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Cattle egret				X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JUL	APR-JUL	APR-AUG
	Great egret			336	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Little blue heron				X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JUL	APR-JUL	MAY-AUG
	Reddish egret			64	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Snowy egret	C		108	X	X	X	X	X	X	X	X	X	X	X	X				
	Tricolored heron	C		262	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	White ibis			6	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUN	FEB-JUN	FEB-JUN	MAR-JUL
525	Red knot		T					X	X				X	X						
	Piping plover		T		X	X	X	X	X		X	X	X	X	X	X				
	American oystercatcher	C			X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	MAY-AUG	MAY-AUG	MAY-SEP
	Whooping crane		E		X	X	X	X						X	X	X				
	Aplomado falcon		E	LOW	X	X	X	X	X	X	X	X	X	X	X	X				
527	Peregrine falcon				X	X	X	X	X				X	X	X	X				
	Shorebirds			HIGH	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				
	Short-billed dowitcher				X	X	X	X	X		X	X	X	X	X	X				
	Lesser yellowlegs				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
	Whooping crane		E		X	X	X	X						X	X	X				
	Wood stork				X	X	X	X	X	X	X	X	X	X	X	X				
	American white pelican	C			X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
528	Aplomado falcon		E	LOW	X	X	X	X	X	X	X	X	X	X	X	X				
	Shorebirds			HIGH	X	X	X	X	X	X	X	X	X	X	X	X				
530	Whooping crane		E		X	X	X	X						X	X	X				
	Migratory songbirds						X	X	X	X		X	X	X	X					
	Terns				X	X	X	X	X	X	X	X	X	X	X	X				
	Aplomado falcon		E	LOW	X	X	X	X	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				
	Red knot		T					X	X				X	X						
	Piping plover		T		X	X	X	X	X		X	X	X	X	X	X				
	Black-crowned night-heron				X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	APR-SEP
	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
	White ibis				X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUN	FEB-JUN	FEB-JUN	MAR-JUL
	Whooping crane		E		X	X	X	X						X	X	X				
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Northern pintail	C			X	X	X	X				X	X	X	X	X				
	Green-winged teal				X	X	X	X	X				X	X	X	X				
	Mottled duck	C		HIGH	X	X	X	X	X	X	X	X	X	X	X	X	JAN-AUG	JAN-AUG	JAN-AUG	FEB-SEP
	Redhead			HIGH	X	X	X	X	X					X	X	X				
	American white pelican	C			X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
531	Magnificent frigatebird				X	X	X	X	X	X	X	X	X	X	X	X				
532	American oystercatcher	C		LOW	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	MAY-AUG	MAY-AUG	MAY-SEP
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
533	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Laughing gull				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Black skimmer	C		10	X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
	Least tern		E	10			X	X	X	X	X	X	X	X			APR-SEP	APR-SEP	MAY-SEP	MAY-SEP
	Forster's tern			14	X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	MAR-SEP
	Gull-billed tern			8	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Great blue heron			4	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Reddish egret			2	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
534	Black skimmer	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
	Least tern		E				X	X	X	X	X	X	X	X			APR-SEP	APR-SEP	MAY-SEP	MAY-SEP
	Wilson's plover	C					X	X	X	X	X	X	X	X			MAR-AUG			
	Whooping crane		E		X	X	X	X						X	X	X				
537	Migratory songbirds						X	X	X	X		X	X	X	X					
	Shorebirds				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
	Whooping crane		E	HIGH	X	X	X	X						X	X	X				
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
566	Franklin's gull							X	X	X			X	X	X					
	Laughing gull			27	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Least tern		E	6			X	X	X	X	X	X	X	X			APR-SEP	APR-SEP	MAY-SEP	MAY-SEP
	Caspian tern			106	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	MAR-JUN	MAR-JUN	MAR-JUL

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
	Gull-billed tern			57	X	X	X	X	X	X	X	X	X	X	X	X	FEB–AUG	FEB–AUG	FEB–AUG	MAR–SEP
	Sandwich tern			60	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Shorebirds			HIGH	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
	Great blue heron			6	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Great egret			2	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Snowy egret	C		2	X	X	X	X	X	X	X	X	X	X	X	X				
	White ibis			2	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUN	FEB-JUN	FEB-JUN	MAR-JUL
	Whooping crane		E		X	X	X	X						X	X	X				
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
9	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				
	Black skimmer	C			X	X	X	X	X	X	X		X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
	Peregrine falcon				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				

Fish

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
475	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Gafftopsail catfish				X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-AUG
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
	Threadfin shad				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAR-AUG
488	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Sheepshead				X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	FEB-APR
	Gafftopsail catfish				X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-AUG
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
	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		
5	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		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				
	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		
509	Southern hake				X	X	X	X	X	X	X	X	X	X	X	X		
	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Sheepshead				X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	FEB-APR
	Gafftopsail catfish				X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-AUG
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
511	Blue catfish				X	X	X	X	X	X	X	X	X	X	X	X		APR-MAY
	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
512	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
518	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
519	Native fish community			HIGH	X	X	X	X	X	X	X	X	X	X	X	X		
	Gafftopsail catfish				X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-AUG
	Silver perch				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	APR-SEP
	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
520	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-AUG
	Gafftopsail catfish				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X		
521	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		

Fish

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
522	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
523	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
524	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
525	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
530	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
531	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Tarpon				X	X	X	X	X	X	X	X	X	X	X	X		APR-JUL
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
	Snook				X	X	X	X	X	X	X	X	X	X	X	X		JUN-JUL
	Gizzard shad				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAR-AUG
	Blacktip shark				X	X	X	X	X	X	X	X	X	X	X	X		
532	Scalloped hammerhead									X	X	X	X					
	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
533	Scalloped hammerhead									X	X	X	X					
	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
534	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
537	Gafftopsail catfish				X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-AUG
	Scalloped hammerhead									X	X	X	X					
566	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		
9	Gafftopsail catfish				X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-AUG
	Florida pompano				X	X	X	X	X	X	X	X	X	X	X	X		
	Gray snapper				X	X	X	X	X	X	X	X	X	X	X	X	APR-NOV	JUN-SEPT
	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		
	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		
512	Rays				X	X	X	X	X	X	X	X	X	X	X	X		
	Florida pompano				X	X	X	X	X	X	X	X	X	X	X	X		FEB-OCT
	Mackerels						X	X	X	X	X	X	X	X				
	Leatherjacket				X	X	X	X	X	X	X	X	X	X	X	X		
	Permit				X	X	X	X	X	X	X	X	X	X	X	X		

Invertebrate

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
10	Ghost crab				X	X	X	X	X	X	X	X	X	X	X	X		
475	Ghost shrimp				X	X	X	X	X	X	X	X	X	X	X	X		
	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
488	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
	Eastern oyster			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Dwarf surf clam				X	X	X	X	X	X	X	X	X	X	X	X		MAY-NOV
	Amphipods				X	X	X	X	X	X	X	X	X	X	X	X		
	Ctenophores				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		
	Atlantic brief squid				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		
	Molluscs				X	X	X	X	X	X	X	X	X	X	X	X		
509	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		
	Eastern oyster			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
511	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Amphipods				X	X	X	X	X	X	X	X	X	X	X	X		
	Ctenophores				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		
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
512	Blue land crab				X	X	X	X	X	X	X	X	X	X	X	X		JUN-DEC
	Red land crab				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		
518	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
519	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
520	Cnidarians				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		
521	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
522	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Dwarf razor clam				X	X	X	X	X	X	X	X	X	X	X	X		MAY-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		

Invertebrate

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
523	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
524	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
525	Eastern oyster			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
530	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
531	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
532	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
533	Eastern oyster			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
534	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
537	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
566	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
9	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		

Marine Mammal

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING	MATING	CALVING
488	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
5	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
509	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
511	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
518	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
519	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
521	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
522	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
527	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
528	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
530	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MARCH-MAY	JUL-AUG	JAN-DEC	JAN-DEC
	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
531	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
537	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
566	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MARCH-MAY	JUL-AUG	JAN-DEC	JAN-DEC

Reptile

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	LARV/JUV
475	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
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
509	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
512	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-DEC	JUN-DEC	ALLYEAR
	Texas horned lizard				X	X	X	X	X	X	X	X	X	X	X	X				
520	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-DEC	JUN-DEC	ALLYEAR
	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
521	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

Reptile

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	LARV/JUV
	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
	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
522	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
	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
523	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
524	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
525	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
527	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-DEC	JUN-DEC	ALLYEAR
	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
528	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-DEC	JUN-DEC	ALLYEAR
	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
530	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-DEC	JUN-DEC	ALLYEAR
	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
531	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-DEC	JUN-DEC	ALLYEAR
532	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
534	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
9	Loggerhead sea turtle		T		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR

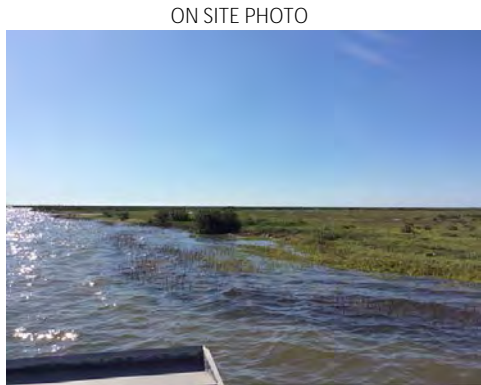
Human Use Resources

Boat Ramp	RARNUM	NAME	CONTACT	CONTACT I NFO
	2187	Aransas NWR		

8. Site Number: 163-C	9. Quad Name Mesquite Bay	10. NOAA Chart # 11315	11. GLO Atlas Page # 163	12. County Calhoun	
13. Site Information: 163-C Matagorda Island National Wildlife Refuge Western shore, Salt marsh, wetlands, and un-vegetated areas.				14. Latitude From: 28 11' 16"	To:
				15. Longitude From: 96 46' 12"	To:
16. Closest Boat Ramp Aransas National Wildlife Refuge			17. Distance From Ramp 10.5 NM from ANWR	18. Boat Type 18' work boat/airboat	
19. Directions From Local Sector Take Hwy 35 West to Tivoli (approx. 19 miles). Exit Hwy 35 on to Hwy 239 to the left (approx. 2 mile west) of Tivoli. Take Hwy 239 to Austwell. Turn on FM 774 west 1 mile. Turn on FM2040, 5.3 Mile AWRN HQ. There are Refuge road signs that can be followe				20. Closest Airport Rockport	
				21. Closest Helo Spot Rockport	

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 220'
USCG: 361-582-0362 RRC: 210-227-1313	Atlas Priority High	in ft.
USCG DUTY: 361-533-0087 TPWD: 361-658-3181	Environmental High	25. Water depth in ft. .5-6'
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic High	26. Current .25-.5kts
TCEQ: 361-825-3100 USFWS: 361-286-3559		27. No. of Personnel 2-4

<p>25. Booming Strategy Recommendation</p> <p>Deflection booming is recommended. On scene weather conditions (tides, current, and wind) will dictate placement of the deflection boom.</p>



29. Prepared By:	30. Reviewed by (PSC)	31. Reviewed by (OSC):
Assignment List	ICS 204 OS (Geographic Response Plan)	Project Updated:
<p style="color: red;">"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."</p>		

