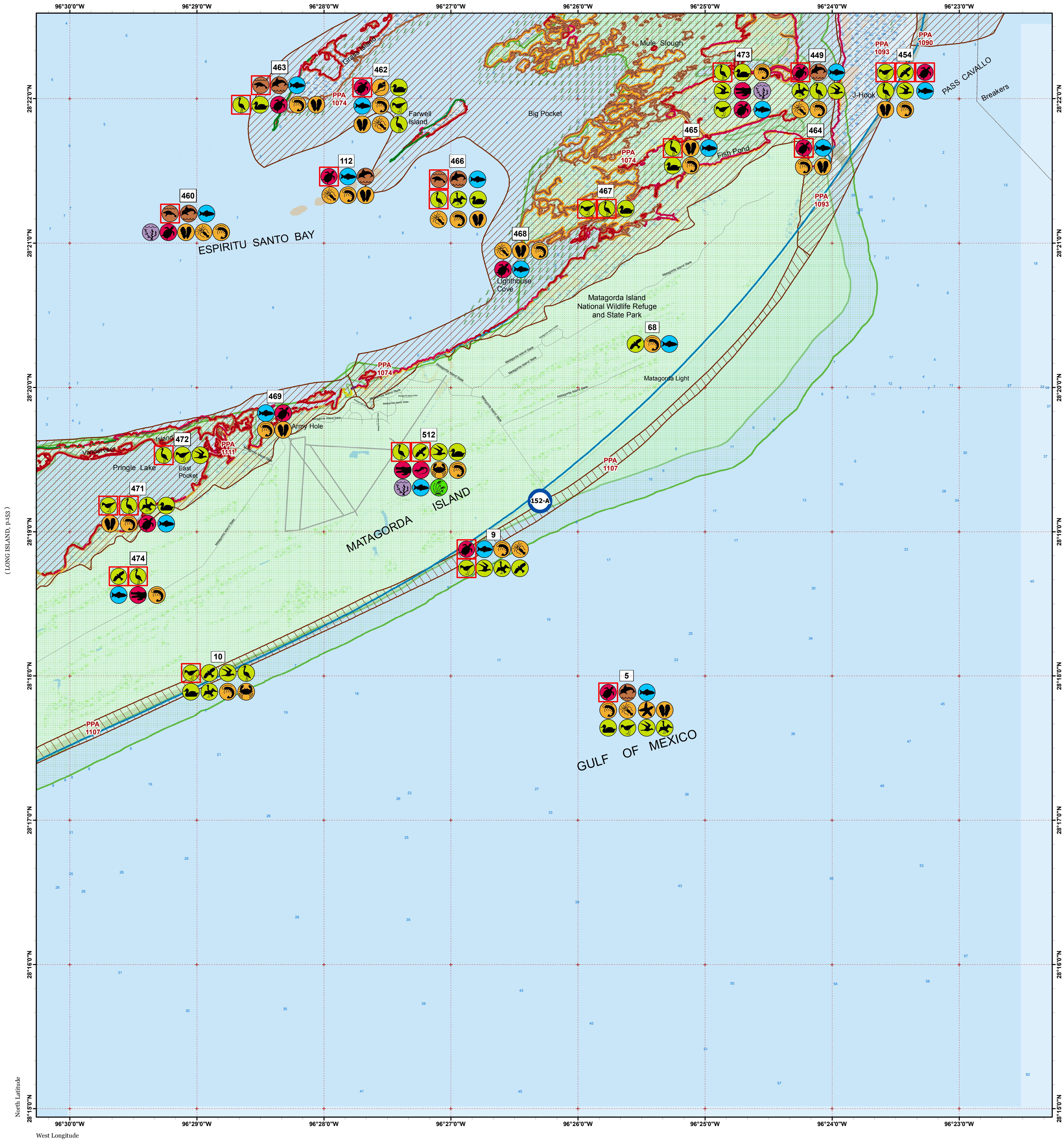


PASS CAVALLO SW

(PORT OCONNOR, p.145)

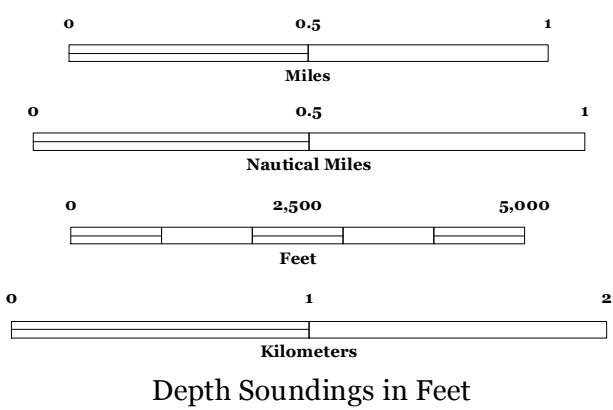
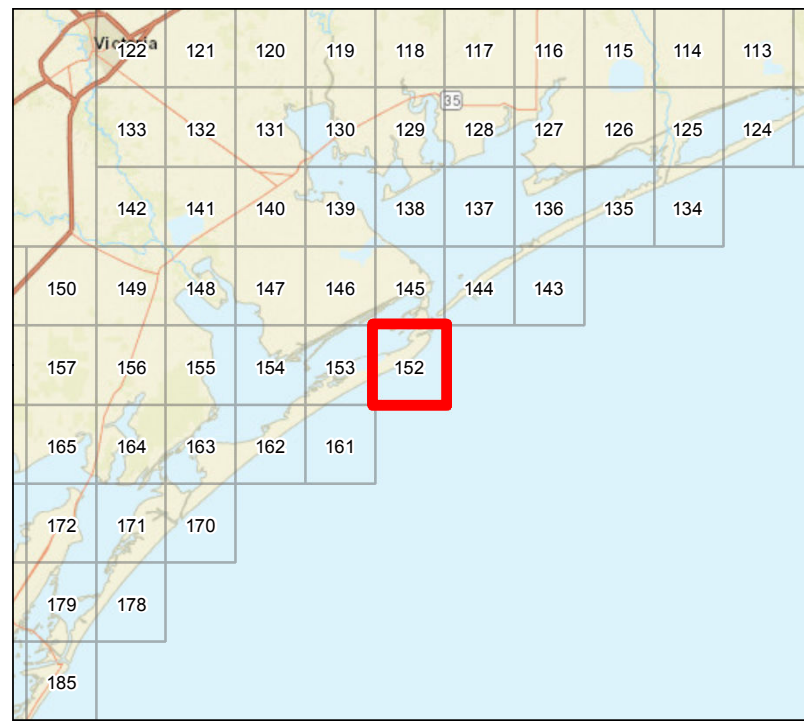
Click Here or Scroll Down for Associated Map Data

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



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

- Geographic Response Plan

Map Base Layers

- Airport Runways
- Road
- Wildlife Refuge
- State Parks/WMA's
- Oysters
- Estuarine Seagrass or Algae Bed
- Bays
- Salt and Brackish Marshes
- 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
- Dolphin
- Reptile
- Mammal T/E
- Turtle
- Marsh
- Turtle T/E
- Plant
- Benthic Marine
- Diving Bird
- Bivalve
- Gull/Tern
- Cephalopod
- Raptor
- Crab
- Raptor Endangered
- Gastropod
- Shorebird
- Echinoderms
- Shorebird Endangered
- Shrimp
- Wading
- Fish
- Wading Endangered
- Fish T/E
- 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: PASS CAVALLO SW

Map # :152

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 |
|---------|----------|---------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------------------------------------------------------------------------------------------------------------------------------------|
| PPA1074 | HIGH | Pass Cavallo Delta | HIGH | Whooping crane expansion area with piping plover feeding on exposed sand/mud flats, waterfowl, shorebirds, and wading birds. | Very important fish/invertebrate nursery and recreational fishing area. Scattered oysters throughout. | VERY HIGH | HIGH | SAV including Ruppia maritima and Halodule wrightii, also Spartina alterniflora marsh with Batis and Salicornia. Black mangrove. |
| PPA1090 | HIGH | Pass Cavallo | HIGH | Brown pelican, gulls, terns, cormorants feeding; bottlenose dolphin foraging. | Recreational fishing and migratory path | HIGH | | |
| PPA1093 | HIGH | J-Hook and Decros Point | MEDIUM | Pelican loafing area, Wilsons, snowy and piping plover, peregrine falcon, shorebirds, wading birds and least tern nesting. | | | LOW | Upland species |
| 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. | | | | |
| PPA1111 | HIGH | Back of Matagorda Island National Wildlife Refuge | VERY HIGH | Whooping crane feeding in shallows and piping plover feeding on exposed sand/mud flats, waterfowl, shorebirds, wading birds. Diamondback terrapin. | Very important fish and invertebrate nursery and recreational fishing area. High concentrations of all major fish and shellfish species. Scattered oysters throughout. | HIGH | HIGH | SAV including Ruppia and Halodule, also Spartina alterniflora marsh, with Batis, Suaeda, saltcedar, Monanthochloe, black mangrove. |

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 | | | | |
| | Shorebirds | | | | 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 | | | | |
| | 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 | | | | |
| 449 | 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 | | | | |
| | 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 |
| | Clapper rail | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-AUG | MAR-AUG | MAR-AUG | APR-SEP |
| 454 | 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 | | | | |
| | Black skimmer | C | | | 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 |
| | Apломado falcon | | E | LOW | 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 | | | | |
| | 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 |
| 462 | 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 |
| | 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 |
| | Willet | | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | APR-AUG | APR-AUG | MAY-SEP |
| | Black-necked stilt | | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-SEP | APR-SEP | APR-SEP | APR-SEP |
| | Waterfowl | | | | 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 |
| 463 | Willet | | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | APR-AUG | APR-AUG | MAY-SEP |
| | Whooping crane | | E | LOW | X | X | X | X | | | | | | X | X | X | | | | |
| | Black-necked stilt | | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-SEP | APR-SEP | APR-SEP | APR-SEP |
| | Waterfowl | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Whooping crane | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| 465 | Reddish egret | | | | 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 | | | | |
| | Waterfowl | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Cormorants | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Whooping crane | | E | | X | X | X | X | | | | | | X | X | X | | | | |
| | Waterfowl | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| 466 | Lesser scaup | | | | X | X | X | X | | | | | X | X | X | X | | | | |
| | Redhead | | | | X | X | X | X | X | | | | | X | X | X | | | | |
| | Bufflehead | | | | X | X | X | X | | | | | | | X | X | | | | |
| | Red-breasted merganser | | | | X | X | X | X | | | | | | | X | X | | | | |
| | Whooping crane | | | | 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 | | | | |
| 467 | Shorebirds | | | | X | X | 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 | | | | |
| | Whooping crane | | E | | X | X | X | X | | | | | | X | X | X | | | | |
| 467 | Waterfowl | | | | X | X | X | 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 |
|--------|---------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|----------|----------|
| 471 | Franklin's gull | | | | | | | 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 | | | | |
| | 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 | | X | X | X | X | | | | | | X | X | X | | | | |
| | Northern pintail | C | | | X | X | X | X | | | | X | X | X | X | X | | | | |
| | Teals | | | | X | X | X | X | | | | | X | X | X | X | | | | |
| | Gadwall | | | | X | X | X | X | | | | | X | X | X | X | | | | |
| | Lesser scaup | | | | X | X | X | X | | | | | X | X | X | X | | | | |
| 472 | Redhead | | | HIGH | X | X | X | X | X | | | | | | X | X | X | | | |
| | 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 | | | | |
| | Rails | | | | 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 |
| 473 | Whooping crane | | E | | X | X | X | X | | | | | | X | X | X | | | | |
| | 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 | | | | |
| | Rails | | | | 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 | LOW | X | X | X | X | | | | | | X | X | X | | | | |
| | Black-necked stilt | | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-SEP | APR-SEP | APR-SEP | APR-SEP |
| | Waterfowl | | | | X | X | X | X | | | | X | X | X | X | X | | | | |
| | Mottled duck | C | | | X | X | X | X | X | X | X | X | X | X | X | X | JAN-AUG | JAN-AUG | JAN-AUG | FEB-SEP |
| | Teals | | | | X | X | X | X | | | | | X | X | X | X | | | | |
| 474 | 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 | | | | |
| | Reddish egret | | | | 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 | | | | |
| 5 | Franklin's gull | | | | | | | X | X | X | | | X | X | X | | | | | |
| | Northern gannet | | | | 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 | | | | |
| 512 | 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 | | | | |
| | 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 | | | | |
| | 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 | | | | |
| | 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 | | | | |
| 68 | Migratory songbirds | | | | | | X | X | X | X | | | | | | | | | | |
| 9 | Bald eagle | | | | X | X | X | X | X | X | X | X | X | X | X | X | JAN-AUG | JAN-AUG | JAN-AUG | FEB-SEP |
| | 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 | 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 | | | | | | | |
| 471 | 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 |
|--------|-----------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|----------|----------|
| 112 | 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 |
| | Gulf kingfish | | | | 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 |
| | Atlantic tripletail | | | | | | | X | X | X | X | X | X | X | | | | JUN-AUG |
| | Cownose ray | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 449 | 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 | | |
| | 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 |
| | 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 |
| | Atlantic threadfin | | | | X | X | X | X | X | X | X | X | X | X | X | X | | DEC-APR |
| | 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 |
| | Spanish mackerel | | | | X | X | X | X | X | X | X | X | X | X | X | X | | MAY-SEP |
| | 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 | | |
| | Atlantic needlefish | | | | X | X | X | X | X | X | X | X | X | X | X | X | | JUN-AUG |
| | Atlantic cutlassfish | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 454 | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 460 | 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 | | |
| 462 | Black drum | | | | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | DEC-MAY |
| | Atlantic bumper | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 462 | 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 |
| 462 | Silver perch | | | | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | APR-SEP |

Fish

| RARNUM | NAME | S | F | CONC | J | F | M | A | M | J | J | A | S | O | N | D | LARV/JUV | SPAWNING |
|--------|-----------------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|----------|----------|
| 463 | Gizzard shad | | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-SEP | MAR-AUG |
| | Crevalle jack | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-NOV | MAR-SEP |
| | Spotfin mojarra | | | | 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 | | |
| | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 464 | Gafftopsail catfish | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAY-SEP | MAY-AUG |
| | Bull shark | | | | X | X | X | X | X | X | X | X | X | X | X | X | | JUN-JUL |
| | Black drum | | | | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | DEC-MAY |
| | Silver perch | | | | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | APR-SEP |
| | Gizzard shad | | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-SEP | MAR-AUG |
| 465 | 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 | | |
| | 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 |
| 466 | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 468 | 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 |
| | Silver perch | | | | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | APR-SEP |
| | Native fish community | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 469 | Spotfin mojarra | | | | 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 | | |
| | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 471 | Black drum | | | | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | DEC-MAY |
| | Gizzard shad | | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-SEP | MAR-AUG |
| | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 473 | Black drum | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | DEC-MAY |
| 474 | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 5 | 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 | | |
| | 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 |
| 512 | 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 | | |
| 68 | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 9 | 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 | | |
| | 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 | | |
| | Ghost shrimp | | | | 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 |
|--------|----------------------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|----------|----------|
| 112 | 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 | | |
| 449 | 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 | | |
| | Atlantic brief squid | | | | 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 | | |
| 454 | 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 | | |
| 460 | Eastern oyster | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAY-JAN | MAR-NOV |
| | 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 | | |
| 462 | 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 |
| | Quahog (hard clam) | | | | X | X | X | X | X | X | X | X | X | X | X | X | | JUN-DEC |
| | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Lightning whelk | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 463 | 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 |
| | Quahog (hard clam) | | | | X | X | X | X | X | X | X | X | X | X | X | X | | JUN-DEC |
| | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 464 | 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 | | |
| 465 | 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 | | |
| 466 | Eastern oyster | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAY-JAN | MAR-NOV |
| | 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 | | |
| 468 | Bay scallop | | | | X | X | X | X | X | X | X | X | X | X | X | X | | AUG-OCT |
| | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 469 | 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 | | |
| 471 | Bay scallop | | | | X | X | X | X | X | X | X | X | X | X | X | X | | AUG-OCT |
| | Pen shell | | | | 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 |
| | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 473 | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 474 | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 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 | | |
| 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 | | |
| 68 | 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 |
|--------|---------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|---------|---------|
| 112 | Bottlenose dolphin | | | | X | X | X | X | X | X | X | X | X | X | X | X | MARCH-MAY | JUL-AUG | JAN-DEC | JAN-DEC |
| 449 | Bottlenose dolphin | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-MAY | JUL-AUG | JAN-DEC | JAN-DEC |
| 460 | 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 | | | | | |
| 463 | 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 | | | | | |
| 466 | 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 |

Reptile

| RARNUM | NAME | S | F | CONC | J | F | M | A | M | J | J | A | S | O | N | D | NESTING | LAYING | HATCHING | LARV/JUV |
|--------|----------------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|----------|----------|
| 112 | Loggerhead sea turtle | | T | LOW | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| | Kemp's ridley sea turtle | | E | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| 449 | Green sea turtle | | T | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| | Kemp's ridley sea turtle | | E | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| 454 | Green sea turtle | | T | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| | 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 | |

Reptile

| RARNUM | NAME | S | F | CONC | J | F | M | A | M | J | J | A | S | O | N | D | NESTING | LAYING | HATCHING | LARV/JUV |
|--------|-------------------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|----------|----------|
| 460 | Texas diamondback terrapin | C | | | X | X | X | X | X | X | X | X | X | X | X | X | MAY-JUL | MAY-JUL | APR-AUG | |
| 462 | 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 |
| | Kemp's ridley sea turtle | | E | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| 463 | Texas diamondback terrapin | C | | | X | X | X | X | X | X | X | X | X | X | X | X | MAY-JUL | MAY-JUL | APR-AUG | |
| 464 | 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 |
| | Kemp's ridley sea turtle | | E | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| 468 | Texas diamondback terrapin | C | | | X | X | X | X | X | X | X | X | X | X | X | X | MAY-JUL | MAY-JUL | APR-AUG | |
| 469 | Texas diamondback terrapin | C | | | X | X | X | X | X | X | X | X | X | X | X | X | MAY-JUL | MAY-JUL | APR-AUG | |
| 471 | Texas diamondback terrapin | C | | | X | X | X | X | X | X | X | X | X | X | X | X | MAY-JUL | MAY-JUL | APR-AUG | |
| 473 | 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 | |
| 474 | American alligator | | | | X | X | X | X | X | X | X | X | X | X | X | X | JUN-SEP | JUN-DEC | JUN-DEC | 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 |
| 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 | | | | |
| 9 | Loggerhead sea turtle | | T | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |

| | | | | |
|--------------------------|---------------------------------|---------------------------------|-----------------------------|-----------------------|
| 8. Site Number: 152-A | 9. Quad Name Pass Cavallo SW | 10. NOAA Chart # 11315,11319 | 11. GLO Atlas Page # 152 | 12. County Calhoun |
|--------------------------|---------------------------------|---------------------------------|-----------------------------|-----------------------|

| | |
|----------------------------------|-----|
| 15. Longitude From: 96°27'48" | To: |
|----------------------------------|-----|

| | |
|------------------|--|
| 18. Boat Type | |
| Flat Bottom Boat | |

| | |
|-----------------------|---------------------------------|
| 21. Closest Helo Spot | O'Connor PHI, West-Rockport PHI |
|-----------------------|---------------------------------|

| | |
|---------------------------|--------|
| 24. Width of inlet in ft. | 300' |
| 25. Water depth in ft. | 10' |
| 26. Current | Medium |
| 27. No. of Personnel | 4 |

Time of the year on species migration or nesting whether it will be manual or mechanical .Consider using least evasive method to minimize beach loss

