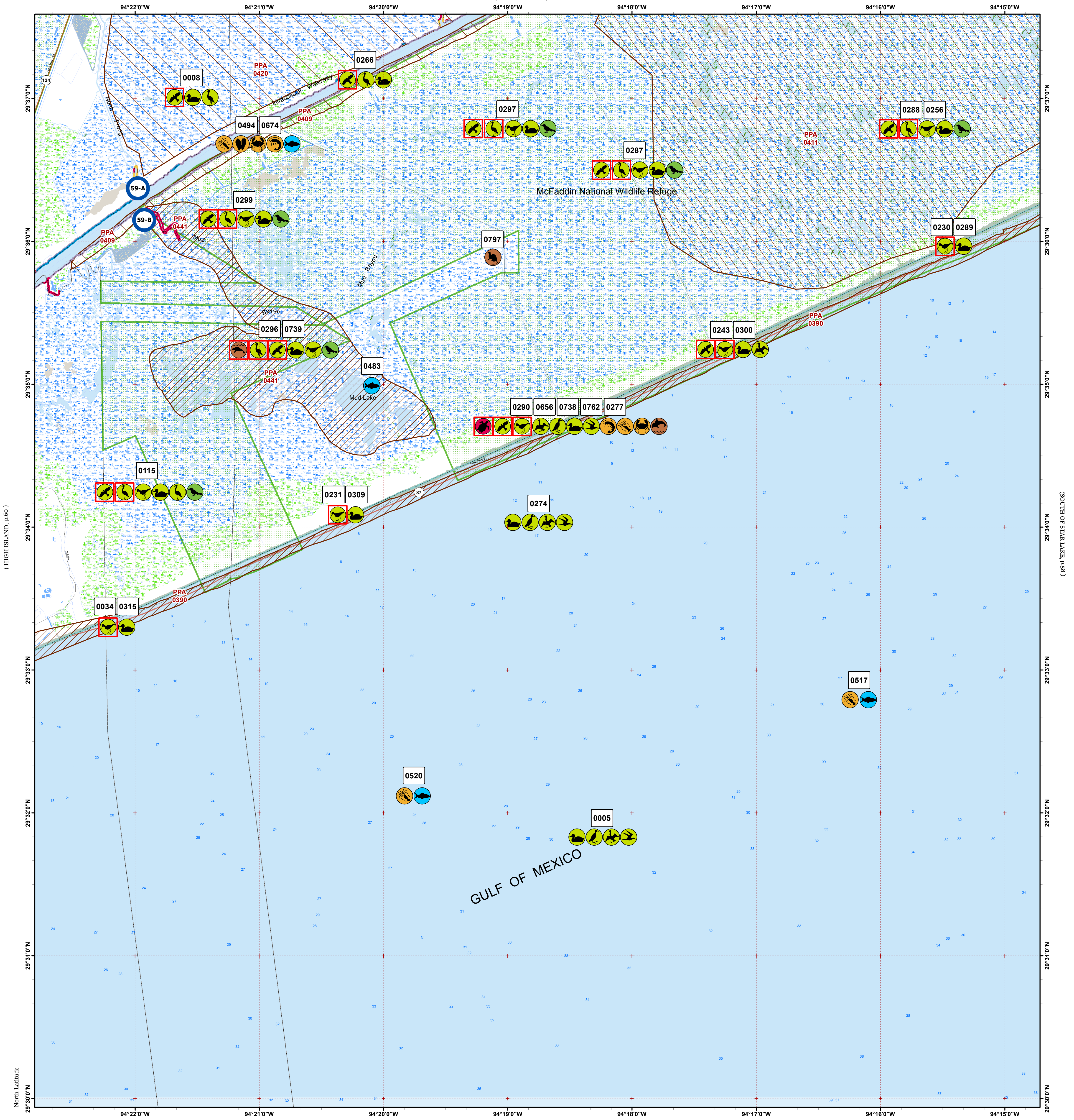


MUD LAKE

(WHITES RANCH, p.48)

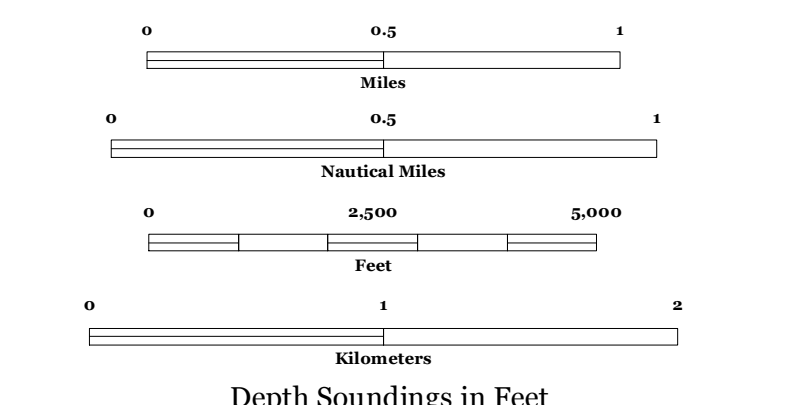
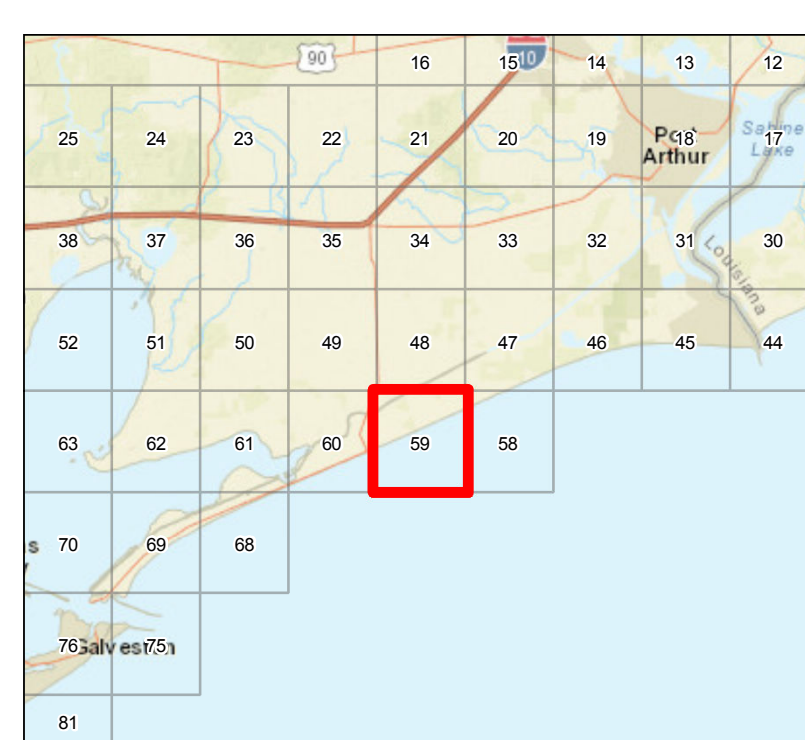
Click Here or Scroll Down for Associated Map Data

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

- State Highway
- Road
- GIWW
- Wildlife Refuge
- Estuarine Seagrass or Algae Bed
- Bays
- Salt and Brackish Marshes
- Intertidal Scrub/Shrub
- Beach or Tidal Flat
- Exposed Lake Shore
- Marine Bottom
- Marine Shoreline
- Freshwater Marshes
- Lake / Pond
- County Boundary

Priority Protection Areas

- HIGH
- MEDIUM
- LOW

Species Icons Within Map Quad

- Turtle T/E
- Benthic Marine
- Bivalve
- Cephalopod
- Crab
- Shrimp
- Fish
- Dolphin
- Mammal T/E
- Small Mammal
- Diving Bird
- Gull/Tern
- Passerine
- 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: MUD LAKE

Map # :59

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

Habitat Priority Protection Areas

PPA ID	PRIORITY	POLY DESCRIPTION	BIRDS RANK	BIRDS DESCRIPTION	FISH RANK	FISH DESCRIPTION	WETLANDS RANK	WETLANDS DESCRIPTION
PPA0390	HIGH	Gulf shoreline	HIGH	Piping and snowy plovers, willets, ruddy turnstone, other shorebirds, peregrine falcon, terns, brown pelican; high use areas vary				
PPA0409	LOW	Southeast shore of GIWW			MEDIUM		LOW	
PPA0411	MEDIUM	Part of McFaddin NWR	HIGH	Wintering waterfowl: all North American rails, mottled duck, peregrine falcon, marsh birds, alligators, muskrat, mink, river otter	LOW	Nursery, low priority recreational fishery	HIGH	Intermediate marsh with freshwater inclusions
PPA0420	LOW	North Prong area, north of ICW	HIGH				LOW	Freshwater marsh
PPA0441	HIGH	Mud Lake and north Mud Bayou	HIGH	Wintering waterfowl: all North American rails, mottled duck, peregrine falcon, marsh birds, alligators, muskrat, mink, river otter in waterways	HIGH	Nursery	HIGH	

Biological Resources

Bird

RARNUM	NAME	S	F	T	E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting	
0005	American white pelican					COMMON	X	X	X	X	X			X	X	X	X	X	-	-	-	
	Brown pelican					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	Cormorants					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	Diving birds					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	Grebes					UNCOMMON	X	X	X	X	X	X			X	X	X	X	-	-	-	
	Loons					-	X	X	X	X	X					X	X	X	-	-	-	
	Gulls					COMMON-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	Terns					COMMON-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	Magnificent frigatebird					COMMON						X	X	X	X	X	X		-	-	-	
	Masked booby					UNCOMMON			X	X	X	X	X	X	X	X			-	-	-	
	Northern gannet					COMMON	X	X	X	X						X	X	X	-	-	-	
	Shearwaters					UNCOMMON								X	X	X	X		-	-	-	
	Storm-petrels					RARE					X	X	X						-	-	-	
	Bufflehead					UNCOMMON	X	X	X									X	X	-	-	-
Canvasback					UNCOMMON	X	X	X								X	X	X	-	-	-	
Diving ducks					-	X	X	X	X	X						X	X	X	-	-	-	
Greater scaup					UNCOMMON	X	X	X									X	X	-	-	-	
Lesser scaup					COMMON	X	X	X	X							X	X	X	-	-	-	
Scoters					RARE	X	X	X	X								X	X	-	-	-	
0008	Osprey					-	X	X	X	X	X				X	X	X	X	-	-	-	
	Peregrine falcon	S		T		-	X	X	X	X				X	X	X	X	X	-	-	-	
	Marsh birds					-	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	-	-	-	
	Dabbling ducks					-	X	X	X	X	X				X	X	X	X	-	-	-	
0034 0115	Waterfowl					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	Piping plover	S/F		T/T		POTENTIAL	X	X	X	X	X		X	X	X	X	X	X	-	-	-	
	Migratory songbirds					-				X	X								-	-	-	
	Peregrine falcon	S		T		-	X	X	X	X				X	X	X	X	X	-	-	-	
	Black-necked stilt					10S		X	X	X	X	X	X	X	X	X			-	-	-	
	Dowitchers					100S	X	X	X	X	X		X	X	X	X	X	X	-	JUL-MAY*	-	
	Dunlin					100S	X	X	X	X	X				X	X	X	X	-	-	-	
	Killdeer					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	DEC-MAR	-	
	Shorebirds					1000S	X	X	X	X	X		X	X	X	X	X	X	-	-	-	
	Western sandpiper					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-MAY*	-	
	Willet					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	AUG-APR*	-	
	Yellowlegs					10S	X	X	X	X	X		X	X	X	X	X	X	-	JUL-MAY*	-	
	American bittern					-	X	X	X	X	X				X	X	X	X	-	-	-	
	Black rail					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	Clapper rail					-	X	X	X	X	X	X	X	X	X	X	X	X	FEB-SEP	-	-	
	King rail					-	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	-	-	
	Marsh birds					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	Sora					-	X	X	X	X	X				X	X	X	X	-	-	-	
	Wading birds					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	
	Wood stork	S		T		OCCASIONAL						X	X	X	X	X			-	-	-	
	Yellow rail					-	X	X	X	X						X	X	X	X	-	-	-
	Common moorhen					-	X	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	-
	Waterfowl					HIGH	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
0230	American coot					10000S	X	X	X	X					X	X	X	X	-	-	-	
	American wigeon					1000S	X	X	X						X	X	X	X	-	-	-	
	Blue-winged teal					10000S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-	
	Bufflehead					10S	X	X	X								X	X	-	-	-	
	Canada goose					100S	X	X	X							X	X	X	-	-	-	
	Canvasback					100S	X	X	X							X	X	X	-	-	-	
	Fulvous whistling-duck					10S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-	
	Gadwall					10000S	X	X	X	X					X	X	X	X	-	-	-	
	Greater white-fronted goose					100S	X	X	X							X	X	X	-	-	-	
	Green-winged teal					10000S	X	X	X	X					X	X	X	X	-	-	-	
	Lesser scaup					1000S	X	X	X	X						X	X	X	-	-	-	
	Mallard					100S	X	X	X							X	X	X	-	-	-	

Bird

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
	Mottled duck			100S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	JUN-AUG
	Northern pintail			1000S	X	X	X						X	X	X	X	-	-	-
	Northern shoveler			10000S	X	X	X	X					X	X	X	X	-	-	-
	Redhead			10S	X	X	X							X	X	X	-	-	-
	Ring-necked duck			1000S	X	X	X							X	X	X	-	-	-
	Ruddy duck			1000S	X	X	X							X	X	X	-	-	-
	Snow goose			10000S	X	X	X								X	X	-	-	-
	Wood duck			10S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	-
0231	American coot			1000S	X	X	X	X					X	X	X	X	-	-	-
	American wigeon			100S	X	X	X						X	X	X	X	-	-	-
	Blue-winged teal			10000S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-
	Bufflehead			10S	X	X	X								X	X	-	-	-
	Canada goose			100S	X	X	X							X	X	X	-	-	-
	Fulvous whistling-duck			10S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-
	Gadwall			1000S	X	X	X	X					X	X	X	X	-	-	-
	Greater white-fronted goose			100S	X	X	X							X	X	X	-	-	-
	Green-winged teal			10000S	X	X	X	X					X	X	X	X	-	-	-
	Lesser scaup			100S	X	X	X	X						X	X	X	-	-	-
	Mallard			100S	X	X	X							X	X	X	-	-	-
	Mottled duck			100S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	JUN-AUG
	Northern pintail			1000S	X	X	X						X	X	X	X	-	-	-
	Northern shoveler			1000S	X	X	X	X					X	X	X	X	-	-	-
	Redhead			10S	X	X	X							X	X	X	-	-	-
	Ruddy duck			10S	X	X	X							X	X	X	-	-	-
	Snow goose			1000S	X	X	X								X	X	-	-	-
0243	American coot			1000S	X	X	X	X					X	X	X	X	-	-	-
	American wigeon			1000S	X	X	X						X	X	X	X	-	-	-
	Blue-winged teal			10000S	X	X	X	X	X			X	X	X	X	X	-	-	-
	Canada goose			10S	X	X	X							X	X	X	-	-	-
	Canvasback			PRESENT	X	X	X							X	X	X	-	-	-
	Fulvous whistling-duck			10S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-
	Gadwall			1000S	X	X	X	X					X	X	X	X	-	-	-
	Greater white-fronted goose			1000S	X	X	X							X	X	X	-	-	-
	Green-winged teal			10000S	X	X	X	X					X	X	X	X	-	-	-
	Lesser scaup			100S	X	X	X	X						X	X	X	-	-	-
	Mallard			100S	X	X	X							X	X	X	-	-	-
	Mottled duck			100S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	JUN-AUG
	Northern pintail			100S	X	X	X						X	X	X	X	-	-	-
	Northern shoveler			10000S	X	X	X	X					X	X	X	X	-	-	-
	Redhead			PRESENT	X	X	X							X	X	X	-	-	-
	Ring-necked duck			PRESENT	X	X	X							X	X	X	-	-	-
	Ruddy duck			10S	X	X	X							X	X	X	-	-	-
	Snow goose			10000S	X	X	X								X	X	-	-	-
	Wood duck			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	-
0256	Migratory songbirds			-				X	X								-	-	-
	Peregrine falcon	S	T	-	X	X	X	X				X	X	X	X	X	-	-	-
	Black-necked stilt			10S		X	X	X	X	X	X	X	X	X			-	-	-
	Dowitchers			100S	X	X	X	X	X		X	X	X	X	X	X	-	JUL-MAY*	-
	Dunlin			100S	X	X	X	X	X				X	X	X	X	-	-	-
	Killdeer			100S	X	X	X	X	X	X	X	X	X	X	X	X	-	DEC-MAR	-
	Shorebirds			1000S	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Western sandpiper			100S	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-MAY*	-
	Willet			100S	X	X	X	X	X	X	X	X	X	X	X	X	-	AUG-APR*	-
	Yellowlegs			10S	X	X	X	X	X		X	X	X	X	X	X	-	JUL-MAY*	-
	American bittern			-	X	X	X	X	X				X	X	X	X	-	-	-
	Black rail			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Clapper rail			-	X	X	X	X	X	X	X	X	X	X	X	X	FEB-SEP	-	-
	King rail			-	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	-	-
	Marsh birds			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Sora			-	X	X	X	X	X			X	X	X	X	X	-	-	-
	Wading birds			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wood stork	S	T	OCCASIONAL						X	X	X	X	X			-	-	-
	Yellow rail			-	X	X	X	X					X	X	X	X	-	-	-
	American coot			10000S	X	X	X	X					X	X	X	X	-	-	-
	American wigeon			1000S	X	X	X						X	X	X	X	-	-	-
	Blue-winged teal			10000S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-
	Bufflehead			10S	X	X	X								X	X	-	-	-
	Canada goose			100S	X	X	X							X	X	X	-	-	-
	Canvasback			100S	X	X	X							X	X	X	-	-	-
	Common moorhen			-	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	-
	Fulvous whistling-duck			10S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-
	Gadwall			10000S	X	X	X	X					X	X	X	X	-	-	-
	Greater white-fronted goose			100S	X	X	X							X	X	X	-	-	-
	Green-winged teal			10000S	X	X	X	X					X	X	X	X	-	-	-
	Lesser scaup			1000S	X	X	X	X						X	X	X	-	-	-
	Mallard			100S	X	X	X							X	X	X	-	-	-
	Mottled duck			100S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	JUN-AUG
	Northern pintail			1000S	X	X	X						X	X	X	X	-	-	-
	Northern shoveler			10000S	X	X	X	X					X	X	X	X	-	-	-
	Redhead			10S	X	X	X							X	X	X	-	-	-
	Ring-necked duck			1000S	X	X	X							X	X	X	-	-	-
	Ruddy duck			1000S	X	X	X							X	X	X	-	-	-
	Snow goose			10000S	X	X	X								X	X	-	-	-
	Waterfowl			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wood duck			10S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	-

Bird

RARNUM	NAME	S	F	T	E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
0266	Osprey					-	X	X	X	X	X				X	X	X	X	-	-	-
	Peregrine falcon	S		T		-	X	X	X	X				X	X	X	X	X	-	-	-
	Marsh birds					-	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	-	-	-
	Dabbling ducks					-	X	X	X	X	X				X	X	X	X	-	-	-
	Greater white-fronted goose					-	X	X	X	X						X	X	X	-	-	-
	Snow goose					-	X	X	X							X	X	X	-	-	-
	Waterfowl					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
0274	American white pelican					COMMON	X	X	X	X	X			X	X	X	X	X	-	-	-
	Brown pelican					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Cormorants					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Diving birds					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Grebes					UNCOMMON	X	X	X	X	X	X			X	X	X	X	-	-	-
	Loons					-	X	X	X	X	X					X	X	X	-	-	-
	Gulls					COMMON-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Terns					COMMON-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Magnificent frigatebird					COMMON					X	X	X	X	X	X	X		-	-	-
	Masked booby					UNCOMMON			X	X	X	X	X	X	X	X			-	-	-
	Northern gannet					COMMON	X	X	X	X						X	X	X	-	-	-
	Shearwaters					UNCOMMON								X	X	X	X		-	-	-
	Storm-petrels					RARE				X	X	X							-	-	-
	Bufflehead					UNCOMMON	X	X	X								X	X	-	-	-
	Canvasback					UNCOMMON	X	X	X							X	X	X	-	-	-
	Diving ducks					-	X	X	X	X	X					X	X	X	-	-	-
	Greater scaup					UNCOMMON	X	X	X								X	X	-	-	-
	Lesser scaup					COMMON	X	X	X	X						X	X	X	-	-	-
	Redhead					0-300-BIRDS	X	X	X							X	X	X	-	-	-
	Scoters					RARE	X	X	X	X							X	X	-	-	-
0277	American white pelican					COMMON	X	X	X	X	X			X	X	X	X	X	-	-	-
	Brown pelican					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Cormorants					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Diving birds					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Grebes					UNCOMMON	X	X	X	X	X	X			X	X	X	X	-	-	-
	Loons					-	X	X	X	X	X					X	X	X	-	-	-
	Pelicans					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Gulls					COMMON-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Terns					COMMON-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Magnificent frigatebird					COMMON					X	X	X	X	X	X	X		-	-	-
	Masked booby					UNCOMMON			X	X	X	X	X	X	X	X			-	-	-
	Northern gannet					COMMON	X	X	X	X						X	X	X	-	-	-
	Shearwaters					UNCOMMON								X	X	X	X		-	-	-
	Storm-petrels					RARE				X	X	X							-	-	-
	Peregrine falcon	S		T		-	X	X	X	X				X	X	X	X	X	-	-	-
	Plovers					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Ruddy turnstone					-	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Sanderling					-	X	X	X	X	X			X	X	X	X	X	-	AUG-MAY*	-
	Shorebirds					-	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Snowy plover					-	X	X	X	X	X		X	X	X	X	X	X	-	-	-
Willet					-	X	X	X	X	X	X	X	X	X	X	X	X	-	AUG-APR*	-	
Bufflehead					UNCOMMON	X	X	X								X	X	-	-	-	
Canvasback					UNCOMMON	X	X	X							X	X	X	-	-	-	
Diving ducks					-	X	X	X	X	X					X	X	X	-	-	-	
Greater scaup					UNCOMMON	X	X	X								X	X	-	-	-	
Lesser scaup					COMMON	X	X	X	X						X	X	X	-	-	-	
Redhead					0-300-BIRDS	X	X	X							X	X	X	-	-	-	
Scoters					RARE	X	X	X	X							X	X	-	-	-	
0287	Migratory songbirds					-			X	X									-	-	-
	Peregrine falcon	S		T		-	X	X	X	X				X	X	X	X	X	-	-	-
	Black-necked stilt					10S		X	X	X	X	X	X	X	X	X			-	-	-
	Dowitchers					100S	X	X	X	X	X		X	X	X	X	X	X	-	JUL-MAY*	-
	Dunlin					100S	X	X	X	X	X				X	X	X	X	-	-	-
	Killdeer					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	DEC-MAR	-
	Shorebirds					1000S	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Western sandpiper					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-MAY*	-
	Willet					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	AUG-APR*	-
	Yellowlegs					10S	X	X	X	X	X		X	X	X	X	X	X	-	JUL-MAY*	-
	American bittern					-	X	X	X	X	X				X	X	X	X	-	-	-
	Black rail					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Clapper rail					-	X	X	X	X	X	X	X	X	X	X	X	X	-	FEB-SEP	-
	King rail					-	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-MAY	-
	Marsh birds					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Sora					-	X	X	X	X	X				X	X	X	X	-	-	-
	Wading birds					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wood stork	S		T		OCCASIONAL					X	X	X	X	X	X			-	-	-
	Yellow rail					-	X	X	X	X					X	X	X	X	-	-	-
	American coot					1000S	X	X	X	X					X	X	X	X	-	-	-
American wigeon					1000S	X	X	X						X	X	X	X	-	-	-	
Blue-winged teal					10000S	X	X	X	X	X			X	X	X	X	X	-	-	-	
Canada goose					10S	X	X	X							X	X	X	-	-	-	
Canvasback					PRESENT	X	X	X							X	X	X	-	-	-	
Common moorhen					-	X	X	X	X	X	X	X	X	X	X	X	X	-	MAR-OCT	-	
Fulvous whistling-duck					10S	X	X	X	X	X	X	X	X	X	X	X	X	-	MAY-AUG	-	
Gadwall					1000S	X	X	X	X					X	X	X	X	-	-	-	
Greater white-fronted goose					1000S	X	X	X							X	X	X	-	-	-	
Green-winged teal					10000S	X	X	X	X					X	X	X	X	-	-	-	
Lesser scaup					100S	X	X	X	X						X	X	X	-	-	-	
Mallard					100S	X	X	X							X	X	X	-	-	-	
Mottled duck					100S	X	X	X	X	X	X	X	X	X	X	X	X	X	-	FEB-AUG	-
																				JUN-AUG	

Bird

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
	Northern pintail			100S	X	X	X						X	X	X	X	-	-	-
	Northern shoveler			10000S	X	X	X	X					X	X	X	X	-	-	-
	Redhead			PRESENT	X	X	X							X	X	X	-	-	-
	Ring-necked duck			PRESENT	X	X	X							X	X	X	-	-	-
	Ruddy duck			10S	X	X	X							X	X	X	-	-	-
	Snow goose			10000S	X	X	X								X	X	-	-	-
	Waterfowl			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wood duck			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	-
0288	Migratory songbirds			-				X	X								-	-	-
	Peregrine falcon	S	T	-	X	X	X	X					X	X	X	X	-	-	-
	Black-necked stilt			10S		X	X	X	X	X	X	X	X	X			-	-	-
	Dowitchers			100S	X	X	X	X	X		X	X	X	X	X	X	-	JUL-MAY*	-
	Dunlin			100S	X	X	X	X	X					X	X	X	-	-	-
	Killdeer			100S	X	X	X	X	X	X	X	X	X	X	X	X	-	DEC-MAR	-
	Shorebirds			1000S	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Western sandpiper			100S	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-MAY*	-
	Willet			100S	X	X	X	X	X	X	X	X	X	X	X	X	-	AUG-APR*	-
	Yellowlegs			10S	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-MAY*	-
	American bittern			-	X	X	X	X	X				X	X	X	X	-	-	-
	Black rail			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Clapper rail			-	X	X	X	X	X	X	X	X	X	X	X	X	FEB-SEP	-	-
	King rail			-	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	-	-
	Marsh birds			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Sora			-	X	X	X	X	X				X	X	X	X	-	-	-
	Wading birds			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wood stork	S	T	OCCASIONAL						X	X	X	X	X			-	-	-
	Yellow rail			-	X	X	X	X						X	X	X	-	-	-
	American coot			10000S	X	X	X	X						X	X	X	-	-	-
	American wigeon			1000S	X	X	X							X	X	X	-	-	-
	Blue-winged teal			10000S	X	X	X	X	X				X	X	X	X	-	-	-
	Bufflehead			10S	X	X	X								X	X	-	-	-
	Canada goose			100S	X	X	X							X	X	X	-	-	-
	Canvasback			100S	X	X	X							X	X	X	-	-	-
	Common moorhen			-	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	-
	Fulvous whistling-duck			10S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-
	Gadwall			10000S	X	X	X	X						X	X	X	-	-	-
	Greater white-fronted goose			1000S	X	X	X							X	X	X	-	-	-
	Green-winged teal			10000S	X	X	X	X						X	X	X	-	-	-
	Lesser scaup			1000S	X	X	X	X						X	X	X	-	-	-
	Mallard			100S	X	X	X							X	X	X	-	-	-
	Mottled duck			100S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	JUN-AUG
	Northern pintail			1000S	X	X	X							X	X	X	-	-	-
	Northern shoveler			10000S	X	X	X	X						X	X	X	-	-	-
	Redhead			10S	X	X	X							X	X	X	-	-	-
	Ring-necked duck			1000S	X	X	X							X	X	X	-	-	-
	Ruddy duck			1000S	X	X	X							X	X	X	-	-	-
	Snow goose			10000S	X	X	X								X	X	-	-	-
	Waterfowl			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wood duck			10S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	-
0289	Piping plover	S/F	T/T	POTENTIAL	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	American coot			10000S	X	X	X	X						X	X	X	-	-	-
	American wigeon			1000S	X	X	X							X	X	X	-	-	-
	Blue-winged teal			10000S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-
	Bufflehead			10S	X	X	X								X	X	-	-	-
	Canada goose			100S	X	X	X							X	X	X	-	-	-
	Canvasback			100S	X	X	X							X	X	X	-	-	-
	Fulvous whistling-duck			10S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-
	Gadwall			10000S	X	X	X	X						X	X	X	-	-	-
	Greater white-fronted goose			100S	X	X	X							X	X	X	-	-	-
	Green-winged teal			10000S	X	X	X	X						X	X	X	-	-	-
	Lesser scaup			1000S	X	X	X	X						X	X	X	-	-	-
	Mallard			100S	X	X	X							X	X	X	-	-	-
	Mottled duck			100S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	JUN-AUG
	Northern pintail			1000S	X	X	X							X	X	X	-	-	-
	Northern shoveler			10000S	X	X	X	X						X	X	X	-	-	-
	Redhead			10S	X	X	X							X	X	X	-	-	-
	Ring-necked duck			1000S	X	X	X							X	X	X	-	-	-
	Ruddy duck			1000S	X	X	X							X	X	X	-	-	-
	Snow goose			10000S	X	X	X								X	X	-	-	-
	Wood duck			10S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	-
0290	Pelicans			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Peregrine falcon	S	T	-	X	X	X	X					X	X	X	X	-	-	-
	Piping plover	S/F	T/T	POTENTIAL	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Plovers			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Ruddy turnstone			-	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Sanderling			-	X	X	X	X	X					X	X	X	-	AUG-MAY*	-
	Shorebirds			-	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Snowy plover			-	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Willet			-	X	X	X	X	X	X	X	X	X	X	X	X	-	AUG-APR*	-
	Redhead			0-300-BIRDS	X	X	X							X	X	X	-	-	-
0296	Migratory songbirds			-				X	X								-	-	-
	Peregrine falcon	S	T	-	X	X	X	X						X	X	X	-	-	-
	Black-necked stilt			10S		X	X	X	X	X	X	X	X	X			-	-	-
	Dowitchers			100S	X	X	X	X	X		X	X	X	X	X	X	-	JUL-MAY*	-
	Dunlin			100S	X	X	X	X	X					X	X	X	-	-	-
	Killdeer			100S	X	X	X	X	X	X	X	X	X	X	X	X	-	DEC-MAR	-
	Shorebirds			1000S	X	X	X	X	X		X	X	X	X	X	X	-	-	-

Bird

RARNUM	NAME	S	F	T	E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
	Western sandpiper					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-MAY*	-
	Willet					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	AUG-APR*	-
	Yellowlegs					10S	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-MAY*	-
	American bittern					-	X	X	X	X	X				X	X	X	X	-	-	-
	Black rail					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Clapper rail					-	X	X	X	X	X	X	X	X	X	X	X	X	FEB-SEP	-	-
	King rail					-	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	-	-
	Marsh birds					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Sora					-	X	X	X	X	X			X	X	X	X	X	-	-	-
	Wading birds					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wood stork	S		T		OCCASIONAL						X	X	X	X	X			-	-	-
	Yellow rail					-	X	X	X	X					X	X	X	X	-	-	-
	American coot					1000S	X	X	X	X					X	X	X	X	-	-	-
	American wigeon					100S	X	X	X						X	X	X	X	-	-	-
	Blue-winged teal					10000S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-
	Bufflehead					10S	X	X	X								X	X	-	-	-
	Canada goose					100S	X	X	X							X	X	X	-	-	-
	Common moorhen					-	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	-
	Fulvous whistling-duck					10S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-
	Gadwall					1000S	X	X	X	X					X	X	X	X	-	-	-
	Greater white-fronted goose					100S	X	X	X							X	X	X	-	-	-
	Green-winged teal					10000S	X	X	X	X					X	X	X	X	-	-	-
	Lesser scaup					100S	X	X	X	X						X	X	X	-	-	-
	Mallard					100S	X	X	X							X	X	X	-	-	-
	Mottled duck					100S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	JUN-AUG
	Northern pintail					1000S	X	X	X						X	X	X	X	-	-	-
	Northern shoveler					1000S	X	X	X	X					X	X	X	X	-	-	-
	Redhead					10S	X	X	X							X	X	X	-	-	-
	Ruddy duck					10S	X	X	X							X	X	X	-	-	-
	Snow goose					1000S	X	X	X								X	X	-	-	-
	Waterfowl					HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
0297	Migratory songbirds					-				X	X								-	-	-
	Peregrine falcon	S		T		-	X	X	X	X				X	X	X	X	X	-	-	-
	Black-necked stilt					10S		X	X	X	X	X	X	X	X	X			-	-	-
	Dowitchers					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-MAY*	-
	Dunlin					100S	X	X	X	X	X				X	X	X	X	-	-	-
	Killdeer					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	DEC-MAR	-
	Shorebirds					1000S	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Western sandpiper					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-MAY*	-
	Willet					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	AUG-APR*	-
	Yellowlegs					10S	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-MAY*	-
	American bittern					-	X	X	X	X	X				X	X	X	X	-	-	-
	Black rail					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Clapper rail					-	X	X	X	X	X	X	X	X	X	X	X	X	FEB-SEP	-	-
	King rail					-	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	-	-
	Marsh birds					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Sora					-	X	X	X	X	X			X	X	X	X	X	-	-	-
	Wading birds					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wood stork	S		T		OCCASIONAL						X	X	X	X	X			-	-	-
	Yellow rail					-	X	X	X	X					X	X	X	X	-	-	-
	American coot					1000S	X	X	X	X					X	X	X	X	-	-	-
	American wigeon					1000S	X	X	X						X	X	X	X	-	-	-
	Blue-winged teal					10000S	X	X	X	X	X			X	X	X	X	X	-	-	-
	Canada goose					10S	X	X	X							X	X	X	-	-	-
	Canvasback					PRESENT	X	X	X							X	X	X	-	-	-
	Common moorhen					-	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	-
	Fulvous whistling-duck					10S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-
	Gadwall					1000S	X	X	X	X					X	X	X	X	-	-	-
	Greater white-fronted goose					-	X	X	X	X						X	X	X	-	-	-
	Green-winged teal					10000S	X	X	X	X					X	X	X	X	-	-	-
	Lesser scaup					100S	X	X	X	X						X	X	X	-	-	-
	Mallard					100S	X	X	X							X	X	X	-	-	-
	Mottled duck					100S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	JUN-AUG
	Northern pintail					100S	X	X	X						X	X	X	X	-	-	-
	Northern shoveler					10000S	X	X	X	X					X	X	X	X	-	-	-
	Redhead					PRESENT	X	X	X							X	X	X	-	-	-
	Ring-necked duck					PRESENT	X	X	X							X	X	X	-	-	-
	Ruddy duck					10S	X	X	X							X	X	X	-	-	-
	Snow goose					-	X	X	X							X	X	X	-	-	-
	Waterfowl					HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wood duck					PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	-
0299	Migratory songbirds					-				X	X								-	-	-
	Peregrine falcon	S		T		-	X	X	X	X				X	X	X	X	X	-	-	-
	Black-necked stilt					10S		X	X	X	X	X	X	X	X	X			-	-	-
	Dowitchers					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-MAY*	-
	Dunlin					100S	X	X	X	X	X				X	X	X	X	-	-	-
	Killdeer					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	DEC-MAR	-
	Shorebirds					1000S	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Western sandpiper					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-MAY*	-
	Willet					100S	X	X	X	X	X	X	X	X	X	X	X	X	-	AUG-APR*	-
	Yellowlegs					10S	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-MAY*	-
	American bittern					-	X	X	X	X	X				X	X	X	X	-	-	-
	Black rail					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Clapper rail					-	X	X	X	X	X	X	X	X	X	X	X	X	FEB-SEP	-	-
	King rail					-	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	-	-
	Marsh birds					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Sora					-	X	X	X	X	X			X	X	X	X	X	-	-	-

Bird

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Migrating	Molting
	Wading birds			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
	Wood stork	S	T	OCCASIONAL						X	X	X	X	X			-	-	-
	Yellow rail			-	X	X	X	X					X	X	X	X	-	-	-
	American coot			1000S	X	X	X	X					X	X	X	X	-	-	-
	American wigeon			100S	X	X	X						X	X	X	X	-	-	-
	Blue-winged teal			10000S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-
	Bufflehead			10S	X	X	X								X	X	-	-	-
	Canada goose			100S	X	X	X							X	X	X	-	-	-
	Common moorhen			-	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	-
	Fulvous whistling-duck			10S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-
	Gadwall			1000S	X	X	X	X					X	X	X	X	-	-	-
	Greater white-fronted goose			-	X	X	X	X						X	X	X	-	-	-
	Green-winged teal			10000S	X	X	X	X					X	X	X	X	-	-	-
	Lesser scaup			100S	X	X	X	X						X	X	X	-	-	-
	Mallard			100S	X	X	X							X	X	X	-	-	-
	Mottled duck			100S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	JUN-AUG
	Northern pintail			1000S	X	X	X						X	X	X	X	-	-	-
	Northern shoveler			1000S	X	X	X	X					X	X	X	X	-	-	-
	Redhead			10S	X	X	X							X	X	X	-	-	-
	Ruddy duck			10S	X	X	X							X	X	X	-	-	-
	Snow goose			-	X	X	X							X	X	X	-	-	-
	Waterfowl			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
0300	Piping plover	S/F	T/T	POTENTIAL	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	American coot			1000S	X	X	X	X					X	X	X	X	-	-	-
	American wigeon			1000S	X	X	X						X	X	X	X	-	-	-
	Blue-winged teal			10000S	X	X	X	X	X			X	X	X	X	X	-	-	-
	Canada goose			10S	X	X	X							X	X	X	-	-	-
	Canvasback			PRESENT	X	X	X							X	X	X	-	-	-
	Fulvous whistling-duck			10S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-
	Gadwall			1000S	X	X	X	X					X	X	X	X	-	-	-
	Greater white-fronted goose			1000S	X	X	X							X	X	X	-	-	-
	Green-winged teal			10000S	X	X	X	X					X	X	X	X	-	-	-
	Lesser scaup			100S	X	X	X	X						X	X	X	-	-	-
	Mallard			100S	X	X	X							X	X	X	-	-	-
	Mottled duck			100S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	JUN-AUG
	Northern pintail			100S	X	X	X						X	X	X	X	-	-	-
	Northern shoveler			10000S	X	X	X	X					X	X	X	X	-	-	-
	Redhead			PRESENT	X	X	X							X	X	X	-	-	-
	Ring-necked duck			PRESENT	X	X	X							X	X	X	-	-	-
	Ruddy duck			10S	X	X	X							X	X	X	-	-	-
	Snow goose			10000S	X	X	X							X	X		-	-	-
	Wood duck			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	-
0309	Piping plover	S/F	T/T	POTENTIAL	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	American coot			1000S	X	X	X	X					X	X	X	X	-	-	-
	American wigeon			100S	X	X	X						X	X	X	X	-	-	-
	Blue-winged teal			10000S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	-	-
	Bufflehead			10S	X	X	X								X	X	-	-	-
	Canada goose			100S	X	X	X							X	X	X	-	-	-
	Fulvous whistling-duck			10S	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	-	-
	Gadwall			1000S	X	X	X	X					X	X	X	X	-	-	-
	Greater white-fronted goose			100S	X	X	X							X	X	X	-	-	-
	Green-winged teal			10000S	X	X	X	X					X	X	X	X	-	-	-
	Lesser scaup			100S	X	X	X	X						X	X	X	-	-	-
	Mallard			100S	X	X	X							X	X	X	-	-	-
	Mottled duck			100S	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	-	JUN-AUG
	Northern pintail			1000S	X	X	X						X	X	X	X	-	-	-
	Northern shoveler			1000S	X	X	X	X					X	X	X	X	-	-	-
	Redhead			10S	X	X	X							X	X	X	-	-	-
	Ruddy duck			10S	X	X	X							X	X	X	-	-	-
	Snow goose			1000S	X	X	X							X	X		-	-	-
0315	Piping plover	S/F	T/T	POTENTIAL	X	X	X	X	X		X	X	X	X	X	X	-	-	-
	Redhead			0-300-BIRDS	X	X	X							X	X	X	-	-	-

Fish

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
0483	Tarpon			RARE			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	-
0494	Gizzard shad			RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Atlantic croaker			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	JAN-JUN	JAN-DEC	JAN-DEC
	Bay anchovy			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-NOV	MAR-NOV	FEB-DEC	JAN-DEC
	Black drum			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Bull shark			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	MAY-AUG	MAY-AUG	APR-NOV	JAN-DEC
	Gafftopsail catfish			COMMON				X	X	X	X	X	X	X			APR-MAY	-	-	APR-OCT	APR-OCT
	Gulf menhaden			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	APR-OCT
	Hardhead catfish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG	MAY-SEP	MAY-SEP	MAY-SEP	JAN-DEC
	Red drum			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Sand seatrout			RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Sheepshead			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	DEC-JAN	JAN-DEC
	Southern flounder			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Spot			HIGHLY-ABUNDANT		X	X	X	X	X	X	X	X	X	X		-	-	-	FEB-NOV	APR-NOV
	Spotted seatrout			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	AUG-NOV	JAN-DEC
	Striped mullet			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Tarpon			RARE			X	X	X	X	X	X	X	X			-	-	-	MAR-NOV	-
	Silver perch			RARE	X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-SEP	MAY-SEP	JUN-DEC	JUN-DEC
	Alligator gar			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC

Fish

RARNUM	NAME	S	F	T	E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
0517	Blue catfish					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Atlantic spadefish					RARE					X	X	X	X	X	X	X	X	-	-	-	MAY-DEC	-
	Bay whiff					RARE	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	APR-SEP	JAN-DEC
	Atlantic croaker					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	AUG-APR	-	-	APR-NOV	JAN-DEC
	Atlantic sharpnose shark					-				X	X	X	X	X	X	X			-	-	-	APR-OCT	-
	Bay anchovy					-	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC
	Black drum					-	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	MAR-JUL	AUG-JAN	JAN-DEC
	Bull shark					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	MAY-AUG	MAY-AUG	APR-NOV	JAN-DEC
	Gafftopsail catfish					-							X	X	X	X	X		-	-	-	-	-
	Gray snapper					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-NOV	JAN-DEC	JAN-DEC
	Gulf menhaden					-			X	X	X	X	X	X	X	X	X		JUL-OCT	-	-	-	MAR-OCT
	Hardhead catfish					-	X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	-	-	-	JAN-DEC
	Lane snapper					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Pinfish					-	X	X	X	X	X	X	X	X	X	X	X	X	AUG-APR	-	-	-	JAN-DEC
	Red drum					-	X	X	X	X	X	X	X	X	X	X	X	X	AUG-OCT	-	-	-	JAN-DEC
	Sand seatrout					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-SEP	-	SEP-FEB
	Sheepshead					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	JAN-MAY	-	JAN-DEC
	Silver seatrout					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-
	Southern flounder					-	X	X								X	X	X	SEP-FEB	-	-	OCT-DEC	SEP-FEB
	Southern kingfish					-						X	X	X	X	X			-	-	-	-	JUN-OCT
Spot					-	X	X	X	X	X	X	X	X	X	X		X	DEC-APR	-	-	-	-	DEC-SEP
Spotted seatrout					-	X	X								X	X	X	-	-	-	-	SEP-FEB	
Star drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
Striped mullet					ABUNDANT	X	X							X	X	X	X	OCT-DEC	-	-	-	SEP-FEB	
Silver perch					HIGHLY-ABUNDANT	X	X										X	-	-	-	-	DEC-FEB	
Atlantic spadefish					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	APR-NOV	JAN-DEC
Banded drum					-			X	X	X	X	X	X					-	-	-	-	-	
Florida pompano					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-AUG	MAY-DEC	JAN-DEC	
Gray triggerfish					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
Red snapper					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	JAN-DEC
Atlantic bumper					-					X	X	X	X	X	X	X		-	-	-	-	MAY-NOV	
Atlantic tripletail					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
Blackfin tuna					-					X	X	X	X	X	X			-	-	-	-	MAY-OCT	
Blacktip shark					-			X	X	X	X	X	X	X	X	X	X	-	-	-	-	MAR-DEC	MAR-DEC
Cobia					-						X	X	X	X				-	-	-	-	-	
Crevalle jack					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-NOV	-	JAN-DEC	
Greater amberjack					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	JAN-DEC
Gulf butterfish					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	JAN-DEC
King mackerel					-					X	X	X	X	X	X			-	-	-	-	MAY-OCT	
Spanish mackerel					ABUNDANT			X	X	X	X	X	X	X	X	X		MAY-SEP	MAY-SEP	-	MAR-NOV	MAR-NOV	
Spinner shark					-					X	X	X	X	X	X			MAY-JUN	MAY-JUN	MAY-JUL	MAY-OCT	MAY-OCT	
0520 Atlantic croaker					HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	AUG-APR	-	-	-	APR-NOV	JAN-DEC
Atlantic sharpnose shark					-				X	X	X	X	X	X	X			-	-	-	-	APR-OCT	-
Bay anchovy					-	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC	
Black drum					-	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	MAR-JUL	AUG-JAN	JAN-DEC	
Bonnethead shark					-		X	X							X	X	X	-	SEP-NOV	-	-	NOV-MAR*	-
Bull shark					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	MAY-AUG	MAY-AUG	APR-NOV	JAN-DEC	
Gafftopsail catfish					-							X	X	X	X	X		-	-	-	-	-	
Gray snapper					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	APR-NOV	JAN-DEC	JAN-DEC	
Gulf menhaden					-			X	X	X	X	X	X	X	X	X		JUL-OCT	-	-	-	MAR-OCT	
Hardhead catfish					-	X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	-	-	-	JAN-DEC	
Lane snapper					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
Pinfish					-	X	X	X	X	X	X	X	X	X	X	X	X	AUG-APR	-	-	-	JAN-DEC	
Red drum					-	X	X	X	X	X	X	X	X	X	X	X	X	AUG-OCT	-	-	-	JAN-DEC	
Sand seatrout					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	MAR-SEP	MAR-SEP	-	SEP-FEB	
Sheepshead					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	JAN-MAY	-	JAN-DEC	
Silver seatrout					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
Southern flounder					-	X	X								X	X	X	SEP-FEB	-	-	OCT-DEC	SEP-FEB	
Southern kingfish					-						X	X	X	X	X			-	-	-	-	JUN-OCT	
Spot					-	X	X	X	X	X	X	X	X	X	X		X	DEC-APR	-	-	-	-	DEC-SEP
Spotted seatrout					-	X	X								X	X	X	-	-	-	-	SEP-FEB	
Star drum					COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
Striped mullet					ABUNDANT	X	X							X	X	X	X	OCT-DEC	-	-	-	SEP-FEB	
Tarpon					RARE						X	X	X	X	X			-	-	-	-	JUN-OCT	
Silver perch					HIGHLY-ABUNDANT	X	X										X	-	-	-	-	DEC-FEB	
Atlantic spadefish					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	APR-NOV	JAN-DEC
Banded drum					-			X	X	X	X	X	X					-	-	-	-	-	
Florida pompano					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-AUG	MAY-DEC	JAN-DEC	
Gray triggerfish					ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	
Red snapper					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	JAN-DEC
Atlantic bumper					-					X	X	X	X	X	X	X		-	-	-	-	MAY-NOV	
Atlantic tripletail					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	
Blackfin tuna					-					X	X	X	X	X	X			-	-	-	-	MAY-OCT	
Blacktip shark					-			X	X	X	X	X	X	X	X	X	X	-	-	-	-	MAR-DEC	MAR-DEC
Cobia					-						X	X	X	X				-	-	-	-	-	
Crevalle jack					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-NOV	-	JAN-DEC	
Greater amberjack					-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC	JAN-DEC

Fish

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
	Gulf butterfish			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	King mackerel			-					X	X	X	X	X	X			-	-	-	-	MAY-OCT
	Spanish mackerel			ABUNDANT			X	X	X	X	X	X	X	X	X		MAY-SEP	MAY-SEP	-	MAR-NOV	MAR-NOV
	Spinner shark			-					X	X	X	X	X	X			MAY-JUN	MAY-JUN	MAY-JUL	MAY-OCT	MAY-OCT

Invertebrate

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
0656	Brief squid			-	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	MAR-DEC	JAN-DEC	JAN-DEC
	Blue crab			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	JAN-DEC	-	-
	Lesser blue crab			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-DEC	-	-
	Atlantic seabob shrimp			-	X									X	X	X	-	-	-	-	OCT-JAN
	Brown shrimp			-			X	X	X	X	X	X	X	X			-	-	-	-	MAR-OCT
	White shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-SEP	-	-	-	JAN-DEC
0674	Atlantic rangia			-	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	MAR-OCT	JAN-DEC	JAN-DEC
	Blue crab			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	-	MAR-NOV	JAN-DEC	JAN-DEC
	Atlantic seabob shrimp			RARE								X	X	X	X		-	-	-	-	AUG-NOV
	Brown shrimp			COMMON			X	X	X	X	X	X	X	X	X		-	-	MAR-APR	MAY-NOV	-
	White shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-JUN	MAY-DEC	JAN-DEC

Marine Mammal

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
0738	Bottlenose dolphin			-	X	X	X	X	X	X	X	X	X	X	X	X	-	JAN-DEC	-	-
0739	West Indian manatee	S/F	E/E	VERY-RARE						X	X	X					-	-	-	-

Reptile

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Interesting	Juveniles	Adults
0762	Green sea turtle	S/F	T/T	OCCASIONAL			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	-
	Hawksbill sea turtle	S/F	E/E	OCCASIONAL			X	X	X	X	X	X	X	X			-	-	-	MAR-OCT	-
	Kemp's ridley sea turtle	S/F	E/E	COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	APR-NOV
	Loggerhead sea turtle	S/F	T/T	OCCASIONAL	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-

Terrestrial Mammal

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Nesting
0797	Northern river otter			-	X	X	X	X	X	X	X	X	X	X	X	X	N/A

1. Incident Name	2. Operational Period (Date/Time)	Assignment List ICS 204-OS
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3. Branch	4. Division/Group
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5. Operations Personnel	
Operations Section Chief	_____
Branch Director	_____
Division/Group Supervisor	_____

6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions

Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks

7. Assignments

SAFETY NOTE: Shallow, reptiles in area

8. Site Number: 59-A	9. Quad Name Mud Lake	10. NOAA Chart # 11343	11. GLO Atlas Page # 59	12. County Jefferson
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13. Site Information: 59-A Site 59-A is an inlet located on the north bank of the ICWW, directly across from Mud Lake, approx. 1.75 miles East of High Island Bridge. This inlet is referred to as the North Prong. The banks have clay substrate and are steep.	14. Latitude From: N 29°36'21"	To:	
	15. Longitude From: W 94°21'58.08"	To:	

16. Closest Boat Ramp High Island Bridge	17. Distance From Ramp 1.75 miles	18. Boat Type Flat Bottom Boat
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19. Directions From Local Sector To reach the High Island Bridge take Hwy 69 North to IH10 West, to Winnie. Exit IH10 to Hwy 124 South. Continue on Hwy 124 until you cross over the High Island Bridge. Turn Right at the foot of the bridge. Follow road to water. Boat launch is visible from this point.	20. Closest Airport Jefferson County
	21. Closest Helo Spot Jefferson County

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 225' in ft.
USCG: (409) 723-6509 RRC: (713) 869-5001	Atlas Priority Low	25. Water depth in ft. 3'
USCG DUTY: (409) 719-1597 TPWD: (409) 892-8666	Environmental Habitat for waterfowl and wading birds	26. Current Medium
TGLO: (800) 832-8224 NRDA: (512) 463-9309	Economic Commercial traffic	27. No. of Personnel 2
TCEQ: (409) 781-9330 USFWS: (281) 286-8282		

25. Booming Strategy Recommendation
Boom should be configured in an exclusion pattern as to prevent oil from entering cuts. Bring sufficient anchors and ropes to accomplish task.



29. Prepared By:	30. Reviewed by (PSC)	31. Reviewed by (OSC):
Assignment List	ICS 204 OS (Geographic Response Plan)	Project Updated:

"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."

1. Incident Name	2. Operational Period (Date/Time)	Assignment List ICS 204-OS
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3. Branch	4. Division/Group
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5. Operations Personnel	_____
Operations Section Chief	_____
Branch Director	_____
Division/Group Supervisor	_____

6. Resources Assigned This Period						"X" Indicates 204a attachment with special instructions
Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks		

7. Assignments

SAFETY NOTE: Shallow, reptiles in area

8. Site Number: 59-B	9. Quad Name Mud Lake	10. NOAA Chart # 11343	11. GLO Atlas Page # 59	12. County Jefferson
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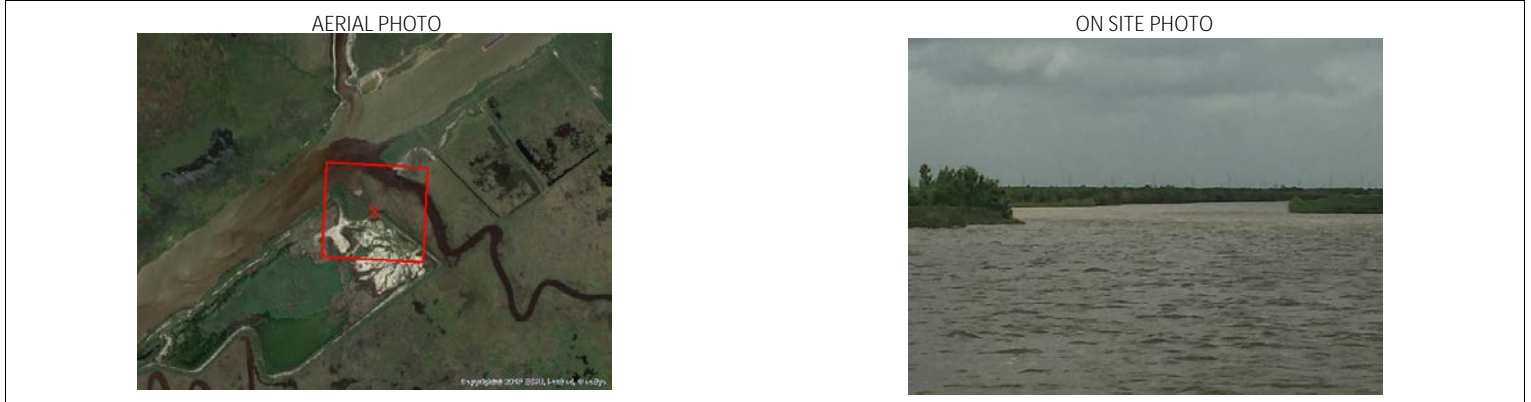
13. Site Information: 59-B Site 59-B consists of two inlets leading into a marsh on the South bank of the ICWW, approx. 1.75 miles East of High Island Bridge. These inlets merge and form Mud Bayou, which feeds Mud Lake.	14. Latitude From: N 29°36'14.26"	To:	15. Longitude From: W 94°21'55.90"	To:
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16. Closest Boat Ramp High Island Bridge	17. Distance From Ramp 1.75 miles	18. Boat Type Flat Bottom Boat
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19. Directions From Local Sector Directions From MSU Port Arthur: To reach the High Island Bridge take Hwy 69 North to IH10 West, to Winnie. Exit IH10 to Hwy 124 South. Continue on Hwy 124 until you cross over the High Island Bridge. Turn Right at the foot of the bridge. Follow road to water. Boat launch is visible from this point.	20. Closest Airport Jefferson County
	21. Closest Helo Spot Jefferson County

22. Trustee/Contact Numbers USCG: (409) 723-6509 RRC: (713)869-5001 USCG DUTY: (409) 719-1597 TPWD: (409)892-8666 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: (409)781-9330 USFWS: (281) 286-8282	23. Resources at Risk Atlas Priority High Environmental Habitat for threatened osprey and Peregrine falcon, waterfowl, wading birds, shore birds, alligator. Economic Commercial traffic	24. Width of inlet 300/200' in ft. 25. Water depth in ft. 2' 26. Current Medium 27. No. of Personnel 2
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25. Booming Strategy Recommendation Boom should be configured in an exclusion pattern as to prevent oil from entering cuts. Bring sufficient anchors and ropes to accomplish task.



29. Prepared By:	30. Reviewed by (PSC)	31. Reviewed by (OSC):
Assignment List	ICS 204 OS (Geographic Response Plan)	Project Updated:

"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."