

Map 9B
South Long Island

BIOLOGICAL RESOURCES

Note: An asterisk (*) indicates that life stage occurs in this range but not in all months included

DISPLAYED ON MAP

BENTHIC

Monthly Presence																	
Subelement	Species	Mapping Qualifier	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D
<div><div></div><div></div><div></div></div> Algae	Macroalgae	High Ecological Value			Present	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
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BIRDS

Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt	
							J	F	M	A	M	J	J	A	S	O	N	D					
45	Waterfowl	Waterfowl	Migration			High												-	Mar-Apr	Oct-Nov	-	-	
127	Shorebird	Sanderling	Migration	-/C		100S												-	Apr-May	Aug-Sep	-	-	
129	Raptor	Endangered raptor 1	Nesting	E/E		1 Pair												Mar-Jul	-	-	-	-	
130	Gull/Tern	Black skimmer	Nesting	C/E		10-50 Pairs												Apr-Aug	-	-	-	-	
	Gull/Tern	Common tern	Nesting	T/C		100-500 Pairs												May-Sep	-	-	-	-	
	Gull/Tern	Forster's tern	Nesting			50-100 Pairs												Jun-Aug	-	-	-	-	
	Gull/Tern	Gull-billed tern	Nesting	-/C		1-10 Pairs												Jun-Sep	-	-	-	-	
	Gull/Tern	Herring gull	Nesting			50-100 Pairs												Apr-Sep	-	-	-	-	
	Gull/Tern	Black skimmer	Migration	C/E		10S												-	May	Aug-Oct	-	-	
	Shorebird	American oystercatcher	Migration	-/C		10S												-	-	Aug-Sep	-	-	
	Shorebird	Red knot	Migration	-/E	T	1S												-	Apr-May	Jul-Sep	-	-	
	146	Shorebird	American oystercatcher	Migration	-/C		50S-100S											-	Apr-May	Aug-Sep	-	-	
	Shorebird	Dunlin	Migration			100S												-	Apr-May	Aug-Sep	-	-	
	Shorebird	Piping plover	Migration	E/E	T	10S												-	Apr-May	Aug-Sep	-	-	
	Shorebird	Sanderling	Migration	-/C		1000S												-	Apr-May	Aug-Sep	-	-	
	Shorebird	Semipalmated plover	Migration			100S												-	Apr-May	Aug-Sep	-	-	
	Shorebird	Semipalmated sandpiper	Migration	-/C		100S												-	-	Aug-Sep	-	-	
	150	Gull/Tern	Black skimmer	Nesting	C/E		100-500 Pairs												Apr-Aug	-	-	-	-
		Gull/Tern	Common tern	Nesting	T/C		500-1000 Pairs												May-Sep	-	-	-	-
Gull/Tern		Least tern	Nesting	T/E		300-400 Pairs												May-Sep	-	-	-	-	
Shorebird		American oystercatcher	Nesting	-/C		25-50 Pairs												Apr-Aug	-	-	-	-	
Shorebird		Piping plover	Nesting	E/E	T	10-25 Pairs												Apr-Aug	-	-	-	-	
154	Gull/Tern	Black skimmer	Nesting	C/E		50-100 Pairs												Apr-Aug	-	-	-	-	
	Gull/Tern	Common tern	Nesting	T/C		100-500 Pairs												May-Sep	-	-	-	-	
	Gull/Tern	Least tern	Nesting	T/E		200-300 Pairs												May-Sep	-	-	-	-	
	Shorebird	Piping plover	Nesting	E/E	T	5-10 Pairs												Apr-Aug	-	-	-	-	
155	Wading	BC night-heron	Nesting	-/T		1-10 Pairs												Apr-Aug	-	-	-	-	
	Wading	Great egret	Nesting			1-10 Pairs												Apr-Aug	-	-	-	-	
156	Waterfowl	Canada goose	Nesting			17 Pairs												Mar-Jun	-	-	-	-	
	Waterfowl	Mallard	Nesting			4 Pairs												Mar-Sep	-	-	-	-	
157	Gull/Tern	Common tern	Nesting	T/C		10-50 Pairs												May-Sep	-	-	-	-	
	Gull/Tern	Forster's tern	Nesting			10-50 Pairs												Jun-Aug	-	-	-	-	

BIRDS (continued)

Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
							J	F	M	A	M	J	J	A	S	O	N	D				
158	Gull/Tern	Gull-billed tern	Nesting	-/C		1-10 Pairs													Jun-Sep	-	-	-
	Gull/Tern	Black skimmer	Nesting	C/E		10-50 Pairs													Apr-Aug	-	-	-
	Gull/Tern	Common tern	Nesting	T/C		50-100 Pairs													May-Sep	-	-	-
	Gull/Tern	Forster's tern	Nesting			50-100 Pairs													Jun-Aug	-	-	-
159	Gull/Tern	Gull-billed tern	Nesting	-/C		1-10 Pairs													Jun-Sep	-	-	-
	Shorebird	American oystercatcher	Nesting	-/C		1-5 Pairs													Apr-Aug	-	-	-
	Gull/Tern	Black skimmer	Nesting	C/E		10-50 Pairs													Apr-Aug	-	-	-
	Gull/Tern	Common tern	Nesting	T/C		10-50 Pairs													May-Sep	-	-	-
160	Gull/Tern	Gull-billed tern	Nesting	-/C		1-10 Pairs													Jun-Sep	-	-	-
	Shorebird	American oystercatcher	Nesting	-/C		1-5 Pairs													Apr-Aug	-	-	-
	Gull/Tern	Black skimmer	Migration	C/E		10S													-	May	Aug-Oct	-
	Shorebird	American oystercatcher	Migration	-/C		1S													-	-	Aug-Sep	-
161	Shorebird	American oystercatcher	Nesting	-/C		1-5 Pairs													Apr-Aug	-	-	-
	Shorebird	Semipalmated sandpiper	Migration	-/C		100S													-	Apr-May	Aug-Sep	-
	Gull/Tern	G. black-backed gull	Nesting			10-50 Pairs													Apr-Jul	-	-	-
	Gull/Tern	Herring gull	Nesting			100-500 Pairs													Apr-Sep	-	-	-
162	Shorebird	American oystercatcher	Nesting	-/C		1-5 Pairs													Apr-Aug	-	-	-
	Wading	BC night-heron	Nesting	-/T		100-300 Pairs													Apr-Aug	-	-	-
	Wading	Glossy ibis	Nesting	-/C		50-100 Pairs													Apr-Aug	-	-	-
	Wading	Great egret	Nesting			50-100 Pairs													Apr-Aug	-	-	-
163	Wading	Little blue heron	Nesting	-/C		1-5 Pairs													Apr-Aug	-	-	-
	Wading	Snowy egret	Nesting	-/C		50-100 Pairs													Apr-Aug	-	-	-
	Wading	Tricolored heron	Nesting	-/C		3 Pairs													Apr-Aug	-	-	-
	Gull/Tern	Black skimmer	Migration	C/E		10S													-	May	Aug-Oct	-
164	Gull/Tern	G. black-backed gull	Nesting			1-10 Pairs													Apr-Jul	-	-	-
	Gull/Tern	Herring gull	Nesting			50-100 Pairs													Apr-Sep	-	-	-
	Shorebird	Semipalmated sandpiper	Migration	-/C		100S													-	Apr-May	Aug-Sep	-
	Passerine	Seaside sparrow	Nesting	C/-		-													May-Aug	-	-	-
165	Shorebird	Greater yellowlegs	Migration			50S													-	-	Aug-Sep	-
	Gull/Tern	Common tern	Nesting	T/C		10-50 Pairs													May-Sep	-	-	-
	Gull/Tern	Forster's tern	Nesting			1-10 Pairs													Jun-Aug	-	-	-
	Gull/Tern	Forster's tern	Nesting			10-50 Pairs													Jun-Aug	-	-	-
166	Gull/Tern	G. black-backed gull	Nesting			10-50 Pairs													Apr-Jul	-	-	-
	Gull/Tern	Herring gull	Nesting			100-500 Pairs													Apr-Sep	-	-	-
	Shorebird	American oystercatcher	Nesting	-/C		5-10 Pairs													Apr-Aug	-	-	-
	Gull/Tern	Common tern	General Distribution	T/C		Present													-	-	-	-
168	Wading	YC night-heron	Nesting	-/T		1 Pair													Apr-Aug	-	-	-

FISH

Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
							J	F	M	A	M	J	J	A	S	O	N	D					
411	Freshwater	Bluegill	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Common carp	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Largemouth bass	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Pumpkinseed	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
412	Freshwater	Bluegill	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Common carp	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Largemouth bass	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Pumpkinseed	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Yellow perch	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec

HABITATS & RARE PLANTS

Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
							J	F	M	A	M	J	J	A	S	O	N	D					
523	Plant	Threatened plant	Vulnerable Occurrence	T/-		-													-	-	-	-	-
525	Plant	Rare plant	Vulnerable Occurrence	C/C		-													-	-	-	-	-
526	Wetland	Seabeach amaranth	Vulnerable Occurrence	T/E	T	-													-	-	-	-	-

REPTILES & AMPHIBIANS

Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Nest	Hatch	Internest	Juveniles	Adults
							J	F	M	A	M	J	J	A	S	O	N	D					
575	Turtle	N. diamondback terrapin	Nesting			-													Jun-Jul	Apr-Nov*	-	-	Jun-Jul

INVERTEBRATES





Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
							J	F	M	A	M	J	J	A	S	O	N	D					
624	Crab	Horseshoe crab	Spawning Area			-													May-Jun	May-Jul	-	-	May-Jun

MARINE MAMMALS


Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Mating	Calving	Pupping	Molt	
							J	F	M	A	M	J	J	A	S	O	N	D					
681	Whale	N.A. right whale	Migration	E/E	E	-													-	-	-	-	-

WIDESPREAD IN MAPPED AREA (> 10 SQUARE KILOMETERS)


BIRDS

	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt	
							J	F	M	A	M	J	J	A	S	O	N	D					
	Passerine	Seaside sparrow	General Distribution	C/-		-													May-Aug	-	-	-	-
	Raptor	Osprey	General Distribution	C/-		10S													Apr-Aug	-	-	-	-
	Shorebird	Shorebirds	Migration			High													-	Mar-May	-	-	-
	Waterfowl	Brant	Wintering			10000S													-	-	-	-	-
		Waterfowl	Wintering			1000S													-	-	-	-	-



FISH

Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
						J	F	M	A	M	J	J	A	S	O	N	D					
	Diadromous	Atlantic sturgeon	General Distribution	-/E	E	Low												-	-	-	Jan-Dec	Oct-Jun
		Atlantic sturgeon	Migration	-/E	E	High												-	-	-	May-Jul	May-Jul


REPTILES & AMPHIBIANS

Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Nest	Hatch	Internest	Juveniles	Adults
						J	F	M	A	M	J	J	A	S	O	N	D					
	Turtle	Green sea turtle	General Distribution	T/T	T	-												-	-	-	May-Nov	May-Nov
		K. ridley sea turtle	General Distribution	E/E	E	-												-	-	-	May-Nov	-
		Leatherback sea turtle	General Distribution	E/E	E	-												-	-	-	May-Nov	May-Nov
		Loggerhead sea turtle	General Distribution	T/E	T	-												-	-	-	May-Nov	May-Nov

INVERTEBRATES








Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
						J	F	M	A	M	J	J	A	S	O	N	D					
	Bivalve	Atlantic razor	Harvest Area		3 Bushels/Yr Avg													Apr-May	Apr-May	Apr-May	Jan-Dec	Jan-Dec
		Atlantic surfclam	Harvest Area		224702 Bushels/Yr													Jun-Oct*	Jun-Oct*	Jun-Oct*	Jan-Dec	Jan-Dec
		Bay scallop	Harvest Area		1 Bushel/Yr Avg													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
		Northern quahog	Harvest Area		2034 Bushels/Yr Avg													Jun-Aug	Jun-Aug	Jun-Sep	Jan-Dec	Jan-Dec
		Softshell clam	Harvest Area		117 Bushels/Yr Avg													Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec
	Crab	Horseshoe crab	Concentration Area		High													-	-	-	Jan-Dec	Jan-Dec

MARINE MAMMALS

Monthly Presence																						
	Subelement	Species	Mapping Qualifier	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molt
	Whale	Fin whale	General Distribution	E/E	E	Common													-	-	-	-
		Humpback whale	General Distribution	E/E	E	Common													-	-	-	-
		N.A. right whale	General Distribution	E/E	E	Uncommon, Regular													-	-	-	-

ALSO PRESENT IN MAPPED AREA (GENERAL DISTRIBUTION)



BIRDS

Subelement	Species	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
	Alcid													-	-	-	-
	Gull/Tern													-	-	-	-
	Bonaparte's gull													-	-	-	-
	G. black-backed gull													-	-	-	-
	Herring gull													-	-	-	-
	Passerine													Apr-Aug	-	-	-
	Marsh wren													May-Aug	-	-	-
	Pelagic													-	-	-	-
	Black-legged kittiwake													-	-	-	-
	Northern gannet													-	-	-	-
	Wilson's storm-petrel													-	-	-	-
	Shorebird													May-Aug	-	-	-
	Wading													Apr-Sep	-	-	-
	Waterfowl													Apr-Aug	-	-	-




BIRDS (continued)

Subelement	Species	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
	Black scoter													-	-	-	-
	Canada goose													Mar-Jun	-	-	-
	Common eider													-	-	-	-
	Long-tailed duck													-	-	-	-
	Mallard													Mar-Sep	-	-	-
	Surf scoter													-	-	-	-
	White-winged scoter													-	-	-	-

FISH

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Diadromous Alewife													-	-	-	Nov-Apr	Nov-Apr
	Alewife													-	-	-	Apr-Nov	Mar-Jun
	American eel													-	-	Jan-Feb	-	Sep-Dec
	American eel													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	American shad													-	-	-	Apr-Nov	Apr-Jul
	American shad													-	-	-	Nov-Apr	Nov-Apr
	Blueback herring													-	-	-	May-Nov	Mar-Jul
	Blueback herring													-	-	-	Nov-Apr	Nov-Apr
	Striped bass													-	-	-	Apr-Nov	Mar-Nov
	Striped bass													-	-	-	Mar-Nov	Mar-Nov
	Estuarine Nursery Atlantic croaker													-	-	-	-	Jun-Dec
	Atlantic herring													-	-	-	Nov-Apr	Nov-Apr
	Atlantic herring													-	-	-	Nov-May	Nov-May
	Atlantic menhaden													Sep-Dec	Sep-Dec	Oct-Dec	Oct-Apr	Oct-Apr
	Atlantic menhaden													-	-	-	Apr-Nov	Mar-Nov
	Bay anchovy													May-Nov	May-Nov	May-Dec	Jan-Dec	Jan-Dec
	Bay anchovy													May-Jul	May-Jul	May-Dec	Jan-Dec	Jan-Dec
	Black drum													-	-	-	Jul-Nov	Jul-Nov
	Black sea bass													-	-	-	Apr-Nov	Apr-Nov
	Black sea bass													May-Oct	May-Oct	May-Nov	Mar-Nov	Mar-Nov
	Bluefish													-	-	-	May-Oct	Apr-Dec
	Bluefish													-	-	-	May-Nov	May-Nov
	Northern kingfish													-	-	-	Jun-Nov	Jun-Nov
	Northern kingfish													-	-	-	May-Nov	May-Nov
	Northern kingfish													-	-	-	Apr-Nov	Apr-Nov
	Northern puffer													May-Aug	Jun-Oct	Jun-Oct	May-Oct	May-Oct
	Scup													-	-	-	Jun-Oct	Jun-Oct
	Scup													-	-	-	Apr-Dec	Apr-Dec
	Scup													-	-	-	May-Nov	May-Nov
	Spot													-	-	-	May-Dec	May-Nov
	Spot													-	-	-	Apr-Nov	Apr-Nov
	Spot													-	-	-	Sep-Nov	Jun-Nov
	Summer flounder													-	-	-	Apr-Oct	Apr-Oct
	Summer flounder													Sep-Nov	Sep-Nov	Sep-Dec	Apr-Nov	Apr-Nov





FISH (continued)

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Weakfish													May-Aug	May-Aug	Jun-Aug	May-Nov	Apr-Nov
	Weakfish													May-Sep	May-Sep	May-Sep	May-Dec	May-Dec
	Weakfish													Apr-Sep	Apr-Sep	May-Sep	Apr-Nov	Apr-Nov
	White perch													-	-	-	Jan-Dec	Jan-Dec
	White perch													Apr-Jun	Apr-Jul	Jun-Nov	Jan-Dec	Jan-Dec
	Windowpane													Mar-Nov*	Mar-Nov*	Apr-Nov*	Jan-Dec	Jan-Dec
	Windowpane													Apr-Oct*	Apr-Oct*	Apr-Nov	Jan-Dec	Jan-Dec
	Windowpane													Apr-Jun	Apr-Jul	Jun-Nov	Jan-Dec	Jan-Dec
	Winter flounder													Feb-Apr	Feb-Apr	Mar-Jun	Jan-Dec	Jan-Dec
	Winter flounder													-	-	-	Jan-Dec	Jan-Dec
	Winter flounder													Nov-Apr	Nov-Apr	Nov-Jun	Jan-Dec	Jan-Dec
	Estuarine Resident Atlantic silverside													-	-	-	Jan-Apr	Jan-Apr
	Atlantic silverside													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Atlantic silverside													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Killifish													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Northern pipefish													May-Aug	-	May-Oct	Jan-Dec	Jan-Dec
	Marine Benthic American sand lance													Nov-Feb	Nov-Feb	Dec-Jun	Dec-Jun	Nov-May
	American sand lance													Nov-Apr	Nov-Apr	Nov-May	Nov-Apr	Nov-Apr
	American sand lance													-	-	-	-	Oct-Jun
	Atlantic cod													-	-	-	Nov-Apr	-
	Atlantic cod													-	-	-	Nov-Apr	Nov-Apr
	Atlantic tomcod													-	-	Dec-Apr	Apr-Dec	Jan-Dec
	Clearnose skate													-	-	-	Apr-Nov	Apr-Nov
	Goosefish													-	-	-	-	Jan-Jun
	Little skate													Jan-Dec	Jan-Dec	-	Jan-Dec	Jan-Dec
	Ocean pout													-	-	-	Dec-Aug	Dec-Aug
	Pollock													-	-	-	Mar-Jun	-
	Red hake													Jun-Sep	Jun-Sep	Jul-Oct	Jan-Dec	Jan-Dec
	Red hake													-	-	-	May-Oct	May-Oct
	Silver hake													May-Oct	May-Oct	May-Oct	Jan-Dec	Jan-Dec
	Smooth dogfish													May-Jun	May-Oct	-	Apr-Oct	Apr-Oct
	Tautog													May-Aug	May-Aug	Jun-Aug	Jan-Dec	Mar-Dec
	Tautog													May-Aug	May-Aug	Jun-Aug	Mar-Nov	Mar-Nov
	Winter skate													-	-	-	Sep-May	Sep-Nov
	Marine Pelagic Atlantic mackerel													-	-	-	Nov-Apr*	Nov-Apr*
	Atlantic mackerel													-	-	-	Nov-Apr	-
	Bluefin tuna													-	-	-	Jun-Sep	-
	Butterfish													May-Aug	May-Aug	May-Oct	May-Dec	May-Dec
	Dusky shark													-	-	-	May-Sep	May-Sep
	Sandbar shark													-	-	-	Jun-Oct	Jun-Oct
	Spiny dogfish													-	-	-	Oct-Apr	Oct-Apr
	Thresher shark													-	-	-	May-Nov	May-Nov
	Tiger shark													-	-	-	Jul-Oct	-

REPTILES & AMPHIBIANS

	<i>Subelement</i>	<i>Species</i>	<i>Monthly Presence</i>												<i>Nest</i>	<i>Hatch</i>	<i>Internest</i>	<i>Juveniles</i>	<i>Adults</i>
			<i>J</i>	<i>F</i>	<i>M</i>	<i>A</i>	<i>M</i>	<i>J</i>	<i>J</i>	<i>A</i>	<i>S</i>	<i>O</i>	<i>N</i>	<i>D</i>					
	Turtle	N. diamondback terrapin													-	-	-	Apr-Nov	Apr-Nov

INVERTEBRATES

	<i>Subelement</i>	<i>Species</i>	<i>Monthly Presence</i>												<i>Spawn</i>	<i>Eggs</i>	<i>Larvae</i>	<i>Juveniles</i>	<i>Adults</i>
			<i>J</i>	<i>F</i>	<i>M</i>	<i>A</i>	<i>M</i>	<i>J</i>	<i>J</i>	<i>A</i>	<i>S</i>	<i>O</i>	<i>N</i>	<i>D</i>					
	Bivalve	Atlantic surfclam													Jun-Oct*	Jun-Oct*	Jun-Oct*	Jan-Dec	Jan-Dec
	Cephalopod	Longfin squid													-	-	-	-	Jan-Dec
	Crab	Blue crab													-	-	Jun-Oct	-	Aug-Mar
		Blue crab													May-Oct	Jun-Oct	Jun-Oct	Jan-Dec	Jan-Dec
		Horseshoe crab													-	-	-	Jan-Dec	Jan-Dec
	Lobster	American lobster													-	-	-	Jan-Dec	Jan-Dec







MARINE MAMMALS

			Monthly Presence												Mating	Calving	Pupping	Molt
	Subelement	Species	J	F	M	A	M	J	J	A	S	O	N	D				
	Dolphin	Bottlenose dolphin													-	-	-	-
		Harbor porpoise													-	-	-	-















For additional information about species locations and extent, reference the underlying GIS data available from response.restoration.noaa.gov

SHORELINE RESOURCES

ESI POLYGON HABITAT TYPES

	<i>ESI Rank</i>	<i>Habitat Classification</i>	<i>Area (Acres)</i>	<i>Area (Sq. Miles)</i>
	10A	Salt and Brackish Water Marshes	2,180.91	3.41
	10B	Freshwater Marshes	32.52	0.05
	10C	Swamps	17.41	0.03
	10D	Scrub and Shrub Wetlands	18.98	0.03
	9A	Sheltered Tidal Flats	556.75	0.87
	7	Exposed Tidal Flats	44.25	0.07

ESI SHORELINE HABITAT TYPES

	<i>ESI Rank</i>	<i>Shoreline Habitat Classification</i>	<i>Length (Meters)</i>	<i>Length (Miles)</i>	<i>% of ESI Shoreline</i>
	10A	Salt and Brackish Water Marshes	131,013.11	81.41	28%
	10B	Freshwater Marshes	1,060.88	0.66	< 1%
	10C	Swamps	204.62	0.13	< 1%
	10D	Scrub and Shrub Wetlands	921.45	0.57	< 1%
	9A	Sheltered Tidal Flats	83,029.45	51.59	18%
	9B	Vegetated Low Banks	148,527.38	92.29	32%
	8B	Sheltered, Solid Man-Made Structures	54,940.40	34.14	12%
	8C	Sheltered Riprap	4,615.38	2.87	1%
	7	Exposed Tidal Flats	7,438.56	4.62	2%
	6B	Riprap	2,719.11	1.69	1%
	5	Mixed Sand and Gravel Beaches	892.05	0.55	< 1%
	4	Coarse Grained Sand Beaches	2,614.89	1.62	1%
	3A	Fine to Medium Grained Sand Beaches	13,814.33	8.58	3%
	1B	Exposed, Solid Man-Made Structures	14,501.36	9.01	3%

Total ESI Shoreline:	466,292.98	Total ESI Shoreline:	289.74
Total Shoreline:	236,873.65	Total Shoreline:	147.19

Note: A shoreline segment may include multiple shoreline habitats. If any segments include multiple habitats, the combined length of all habitats may exceed the length of the mapped shoreline, and the percent of ESI shoreline values will sum to greater than 100%

All underlying GIS data can be obtained from response.restoration.noaa.gov

