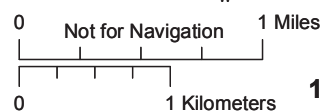


Map 10B
South Long Island



SEE BACK OF MAP
for details about mapped species and other
species that occur in the mapped area.
Data Published: February 2016



1:50,000

Map 10B
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

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				
29	Raptor	Short-eared owl	Wintering	E/E		-													-	-	-	-
34	Shorebird	American oystercatcher	Nesting	-/C		1-5 Pairs													Apr-Aug	-	-	-
86	Diving	Pied-billed grebe	Nesting	T/E		-													Apr-Sep	-	-	-
107	Raptor	Northern harrier	Nesting	T/E		-													Apr-Aug	-	-	-
	Raptor	Short-eared owl	Nesting	E/E		-													Apr-Jul	-	-	-
129	Raptor	Endangered raptor 1	Nesting	E/E		1 Pair													Mar-Jul	-	-	-
167	Gull/Tern	Common tern	General Distribution	T/C		Present													-	-	-	-
175	Gull/Tern	Black skimmer	Migration	C/E		10S													-	May	Aug-Oct	-
	Shorebird	Piping plover	Migration	E/E	T	1S													-	-	Aug-Sep	-
	Shorebird	Piping plover	Nesting	E/E	T	1-5 Pairs													Apr-Aug	-	-	-
	Shorebird	Red knot	Migration	-/E	T	1S													-	Apr-May	Jul-Sep	-
	Shorebird	Sanderling	Migration	-/C		1000S													-	Apr-May	Aug-Sep	-
	Shorebird	Semipalmated sandpiper	Migration	-/C		100S													-	Apr-May	Aug-Sep	-
181	Waterfowl	Black scoter	Concentration Area			High													-	-	-	-
182	Diving	D. crested cormorant	Nesting			100-500 Pairs													Jun-Sep	-	-	-
	Gull/Tern	G. black-backed gull	Nesting			10-50 Pairs													Apr-Jul	-	-	-
	Gull/Tern	Herring gull	Nesting			50-100 Pairs													Apr-Sep	-	-	-
	Shorebird	American oystercatcher	Nesting	-/C		5-10 Pairs													Apr-Aug	-	-	-
	Wading	BC night-heron	Nesting	-/T		1-10 Pairs													Apr-Aug	-	-	-
	Wading	Great egret	Nesting			10-50 Pairs													Apr-Aug	-	-	-
	Wading	Snowy egret	Nesting	-/C		10-50 Pairs													Apr-Aug	-	-	-
	Waterfowl	Canada goose	Nesting			2 Pairs													Mar-Jun	-	-	-
183	Gull/Tern	Common tern	Nesting	T/C		10-50 Pairs													May-Sep	-	-	-
	Shorebird	American oystercatcher	Nesting	-/C		1-5 Pairs													Apr-Aug	-	-	-
184	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	-
	Shorebird	Sanderling	Migration	-/C		1000S													-	Apr-May	Aug-Sep	-
	Shorebird	Semipalmated sandpiper	Migration	-/C		100S													-	Apr-May	Aug-Sep	-
185	Gull/Tern	Black skimmer	Migration	C/E		10S													-	May	Aug-Oct	-
	Shorebird	American oystercatcher	Migration	-/C		1S													-	-	Aug-Sep	-
186	Shorebird	American oystercatcher	Migration	-/C		10S													-	-	Aug-Sep	-
	Shorebird	Red knot	Migration	-/E	T	10S													-	Apr-May	Jul-Sep	-
187	Gull/Tern	G. black-backed gull	Nesting			10-50 Pairs													Apr-Jul	-	-	-
	Gull/Tern	Herring gull	Nesting			500-1000 Pairs													Apr-Sep	-	-	-
	Shorebird	American oystercatcher	Nesting	-/C		25-50 Pairs													Apr-Aug	-	-	-
	Wading	BC night-heron	Nesting	-/T		100-300 Pairs													Apr-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				
	Wading	Cattle egret	Nesting	-/T		1 Pair													Apr-Aug	-	-	-
	Wading	Glossy ibis	Nesting	-/C		100-150 Pairs													Apr-Aug	-	-	-
	Wading	Great egret	Nesting			100-200 Pairs													Apr-Aug	-	-	-
	Wading	Little blue heron	Nesting	-/C		12 Pairs													Apr-Aug	-	-	-
	Wading	Snowy egret	Nesting	-/C		50-100 Pairs													Apr-Aug	-	-	-
	Wading	Tricolored heron	Nesting	-/C		3 Pairs													Apr-Aug	-	-	-
	Wading	YC night-heron	Nesting	-/T		2 Pairs													Apr-Aug	-	-	-
188	Wading	BC night-heron	Concentration Area	-/T		38													-	-	-	-
	Wading	Glossy ibis	Concentration Area	-/C		56													-	-	-	-
	Wading	Great blue heron	Concentration Area	-/C		12													-	-	-	-
	Wading	Great egret	Concentration Area			72													-	-	-	-
	Wading	Little blue heron	Concentration Area	-/C		13													-	-	-	-
	Wading	Snowy egret	Concentration Area	-/C		104													-	-	-	-
	Wading	Tricolored heron	Concentration Area	-/C		5													-	-	-	-
	Wading	YC night-heron	Concentration Area	-/T		51													-	-	-	-
189	Wading	BC night-heron	Concentration Area	-/T		3													-	-	-	-
	Wading	Great blue heron	Concentration Area	-/C		4													-	-	-	-
	Wading	Great egret	Concentration Area			13													-	-	-	-
	Wading	Green heron	Concentration Area			2													-	-	-	-
	Wading	Little blue heron	Concentration Area	-/C		3													-	-	-	-
	Wading	Snowy egret	Concentration Area	-/C		11													-	-	-	-
	Wading	YC night-heron	Concentration Area	-/T		4													-	-	-	-
190	Wading	BC night-heron	Concentration Area	-/T		15													-	-	-	-
	Wading	Glossy ibis	Concentration Area	-/C		8													-	-	-	-
	Wading	Great blue heron	Concentration Area	-/C		11													-	-	-	-
	Wading	Great egret	Concentration Area			17													-	-	-	-
	Wading	Green heron	Concentration Area			2													-	-	-	-
	Wading	Snowy egret	Concentration Area	-/C		11													-	-	-	-
	Wading	Tricolored heron	Concentration Area	-/C		1													-	-	-	-
	Wading	YC night-heron	Concentration Area	-/T		14													-	-	-	-
191	Wading	BC night-heron	Concentration Area	-/T		6													-	-	-	-
	Wading	Great blue heron	Concentration Area	-/C		2													-	-	-	-
	Wading	Great egret	Concentration Area			7													-	-	-	-
	Wading	Green heron	Concentration Area			3													-	-	-	-
	Wading	Little blue heron	Concentration Area	-/C		1													-	-	-	-
	Wading	Snowy egret	Concentration Area	-/C		6													-	-	-	-
	Wading	YC night-heron	Concentration Area	-/T		13													-	-	-	-

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					
415	Diadromous	Atlantic sturgeon	General Distribution	-/E	E	Rare													-	-	-	Jan-Dec	Jan-Dec
416	Diadromous	Atlantic sturgeon	Concentration Area	-/E	E	High													-	-	-	May-Nov*	-
	Diadromous	Atlantic sturgeon	General Distribution	-/E	E	Low													-	-	-	Jan-Dec	Oct-Jun
	Diadromous	Atlantic sturgeon	Migration	-/E	E	High													-	-	-	May-Jul	May-Jul

HABITATS & RARE PLANTS

Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence											
							J	F	M	A	M	J	J	A	S	O	N	D
520	Plant	Endangered plant	Vulnerable Occurrence	E/E		-												-
523	Plant	Threatened plant	Vulnerable Occurrence	T/-		-												-
525	Plant	Rare plant	Vulnerable Occurrence	C/C		-												-

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					
550	Turtle	Common snapping turtle	Nesting			-													Jun-Jul	Apr-Nov*	-	-	Jun-Jul
553	Turtle	Eastern box turtle	Vulnerable Occurrence	C/C		Thermal Regulation													-	-	-	-	Jul-Sep
563	Turtle	Eastern box turtle	Nesting	C/C		-													Jun-Jul	Apr-Nov*	-	-	Jun-Jul
572	Turtle	Eastern box turtle	General Distribution	C/C		Present And Active													-	-	-	Apr-Nov	Apr-Nov
	Turtle	Eastern box turtle	Nesting	C/C		-													Jun-Jul	Apr-Nov*	-	-	Jun-Jul
573	Amphibian	Fowler's toad	Nesting	-/C		-													Apr-Jun	May-Jul	-	-	Apr-Jun
	Turtle	Eastern box turtle	Vulnerable Occurrence	C/C		Thermal Regulation													-	-	-	-	Jul-Sep
575	Turtle	N. diamondback terrapin	Nesting			-													Jun-Jul	Apr-Nov*	-	-	Jun-Jul
577	Snake	Eastern milk snake	Nesting			-													Jun-Jul	Aug-Sep	-	-	Jun-Jul
	Snake	Northern black racer	Nesting			-													Jun-Jul	Aug-Sep	-	-	-
	Turtle	Eastern box turtle	General Distribution	C/C		Present And Active													-	-	-	Apr-Nov	Apr-Nov
	Turtle	Eastern box turtle	Nesting	C/C		-													Jun-Jul	Apr-Nov*	-	-	Jun-Jul
578	Turtle	N. diamondback terrapin	Nesting			50-100													Jun-Jul	Apr-Nov*	-	-	Jun-Jul
579	Turtle	N. diamondback terrapin	Nesting			1000S													Jun-Jul	Apr-Nov*	-	-	Jun-Jul
580	Snake	Eastern milk snake	Nesting			-													Jun-Jul	Aug-Sep	-	-	Jun-Jul
	Snake	Northern black racer	Nesting			-													Jun-Jul	Aug-Sep	-	-	-
	Turtle	Eastern box turtle	General Distribution	C/C		Present And Active													-	-	-	Apr-Nov	Apr-Nov
581	Turtle	Common snapping turtle	Nesting			-													Jun-Jul	Apr-Nov*	-	-	Jun-Jul
	Turtle	Painted turtle	Nesting			-													Jun-Jul	Aug-Sep	-	-	Jun-Jul
582	Turtle	N. diamondback terrapin	Nesting			-													Jun-Jul	Apr-Nov*	-	-	Jun-Jul
	Turtle	Painted turtle	Nesting			-													Jun-Jul	Aug-Sep	-	-	Jun-Jul
583	Turtle	Leatherback sea turtle	General Distribution	E/E	E	-													-	-	-	May-Nov	May-Nov

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
626	Invertebrate	R, LT, or LE invertebrate	Vulnerable Occurrence			-													Apr-Jun	Apr-Jun	Jan-Dec	-	Jan-Dec
641	Crab	Horseshoe crab	Spawning Area			High													May-Jun	May-Jul	-	-	May-Jun
647	Insect	Rare insect	Vulnerable Occurrence			-													Jun-Sep	Jun-Sep	Jan-Dec	-	Jun-Sep
651	Insect	Checkered white	Vulnerable Occurrence	C/-		-													-	-	-	-	Jul-Oct
655	Insect	Little bluet	Vulnerable Occurrence	T/-		-													Jun-Jul	-	Jan-Dec	-	Jun-Jul
656	Crab	Horseshoe crab	Concentration Area			High													-	-	-	Jan-Dec	Jan-Dec

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				
686	Whale	Fin whale	General Distribution	E/E	E	Common													-	-	-	-
	Whale	Humpback whale	General Distribution	E/E	E	Common													-	-	-	-
	Whale	N.A. right whale	General Distribution	E/E	E	Uncommon, Regular													-	-	-	-
687	Whale	Humpback whale	General Distribution	E/E	E	Common													-	-	-	-

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				
	Gull/Tern	Common tern	Migration	T/C		-													-	-	Aug-Sep	-
	Shorebird	American oystercatcher	Migration	-/C		-													-	-	Aug-Sep	-
		Piping plover	Migration	E/E	T	-													-	-	Aug-Sep	-
		Red knot	Migration	-/E	T	High													-	Apr-May	Jul-Sep	-
		Sanderling	Migration	-/C		High													-	Apr-May	Aug-Sep	-
		Semipalmated sandpiper	Migration	-/C		High													-	Apr-May	Aug-Sep	-
	Waterfowl	American black duck	Wintering			1000S													-	-	-	-
		Brant	Wintering			1000S													-	-	-	-
		Bufflehead	Wintering			1000S													-	-	-	-
		Canada goose	Wintering			1000S													-	-	-	-
		Long-tailed duck	Wintering			100S													-	-	-	-
		Ruddy duck	Wintering			1000S													-	-	-	-
		Scaup	Wintering			1000S													-	-	-	-
		Snow goose	Wintering			1000S													-	-	-	-
		Waterfowl	Wintering			1000S													-	-	-	-

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	-
		Loggerhead sea turtle	General Distribution	T/E	T	-													-	-	-	May-Nov	May-Nov

ALSO PRESENT IN MAPPED AREA (GENERAL DISTRIBUTION)



BIRDS

	<i>Subelement</i>	<i>Species</i>	<i>Monthly Presence</i>												<i>Nest</i>	<i>Mig.(S)</i>	<i>Mig.(F)</i>	<i>Molt</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>				
	Alcid	Razorbill													-	-	-	-
	Gull/Tern	Bonaparte's gull													-	-	-	-
		G. black-backed gull													-	-	-	-
		Herring gull													-	-	-	-
	Pelagic	Northern gannet													-	-	-	-
	Waterfowl	Black scoter													-	-	-	-
		Common eider													-	-	-	-
		Long-tailed duck													-	-	-	-
		Surf scoter													-	-	-	-
		White-winged scoter													-	-	-	-


FISH

	<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>					
	Diadromous	Alewife													-	-	-	Jan-Dec	Feb-Jun
		Alewife													-	-	-	Apr-Nov	Mar-Jun
		Alewife													-	-	-	Nov-Apr	Nov-Apr
		American eel													-	-	Apr-Aug	Jan-Dec	Sep-Nov
		American eel													-	-	Jan-Feb	-	Sep-Dec
		American shad													-	-	-	Nov-Apr	Nov-Apr
		American shad													-	-	-	Apr-Jun	Apr-May
		Blueback herring													-	-	-	May-Nov	Mar-Jul
		Blueback herring													-	-	-	Nov-Apr	Nov-Apr
		Striped bass													-	-	-	Apr-Nov	Mar-Nov
		Striped bass													-	-	-	Mar-Nov	Mar-Nov
		Striped bass													-	-	-	Jan-Dec	Jan-Dec
	Estuarine Nursery	Atlantic croaker													-	-	-	-	Jun-Dec
		Atlantic croaker													-	-	Sep-Nov	Jul-Nov	Jul-Nov
		Atlantic herring													-	-	-	Nov-May	Nov-May
		Atlantic herring													-	-	-	Nov-Apr	Nov-Apr
		Atlantic herring													-	-	Apr-May	Jan-May	Jan-May
		Atlantic menhaden													May-Oct*	May-Oct*	May-Oct*	Apr-Nov	Apr-Nov
		Atlantic menhaden													Sep-Dec	Sep-Dec	Oct-Dec	Oct-Apr	Oct-Apr
		Atlantic menhaden													-	-	-	Apr-Nov	Mar-Nov
		Bay anchovy													May-Aug	May-Aug	Jun-Sep	Jul-Mar	Jan-Dec
		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-Nov	May-Nov
		Bluefish													-	-	-	May-Oct	May-Oct

FISH (continued)

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Bluefish													-	-	-	May-Oct	Apr-Dec
	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													Jul	Jul	Jul	Jun-Oct	Jun-Oct
	Scup													-	-	-	Apr-Dec	Apr-Dec
	Scup													-	-	-	Jun-Oct	Jun-Oct
	Spot													-	-	-	Jun-Nov	Jun-Nov
	Spot													-	-	-	May-Dec	May-Nov
	Spot													-	-	-	Sep-Nov	Jun-Nov
	Summer flounder													-	-	-	May-Oct	May-Oct
	Summer flounder													-	-	-	Apr-Oct	Apr-Oct
	Summer flounder													Sep-Nov	Sep-Nov	Sep-Dec	Apr-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
	Weakfish													Jun-Aug	Jun-Aug	Jun-Aug	Jun-Nov	May-Dec
	White perch													-	-	-	Jan-Dec	Jan-Dec
	Windowpane													Apr-Jul	Apr-Jul	Apr-Oct	Jan-Dec	Jan-Dec
	Windowpane													Apr-Oct*	Apr-Oct*	Apr-Nov	Jan-Dec	Jan-Dec
	Windowpane													Mar-Nov*	Mar-Nov*	Apr-Nov*	Jan-Dec	Jan-Dec
	Winter flounder													-	-	-	Jan-Dec	Jan-Dec
	Winter flounder													Nov-Apr	Nov-Apr	Nov-Jun	Jan-Dec	Jan-Dec
	Winter flounder													Nov-Apr	Nov-Apr	Nov-May	Jan-Dec	Oct-Jun
 Estuarine Resident	Atlantic silverside													-	-	-	Jan-Apr	Jan-Apr
	Atlantic silverside													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Killifish													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Killifish													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Northern pipefish													May-Aug	-	May-Oct	Jan-Dec	Jan-Dec
	Northern pipefish													May-Jul	-	May-Aug	Apr-Dec	Apr-Dec
	Silversides													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
 Marine Benthic	American sand lance													Nov-Apr	Nov-Apr	Nov-Apr	Nov-Apr	Nov-Apr
	American sand lance													-	-	-	-	Oct-Jun
	American sand lance													Nov-Apr	Nov-Apr	Nov-May	Nov-Apr	Nov-Apr
	Atlantic cod													-	-	-	Nov-Apr	-
	Atlantic cod													-	-	-	Nov-Apr	Nov-Apr
	Atlantic tomcod													-	-	-	Jan-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													-	-	-	Nov-May	Nov-May





FISH (continued)

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
 Marine Pelagic	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	May	May	Jan-Dec	Apr-Nov
	Tautog													May-Aug	May-Aug	Jun-Aug	Mar-Nov	Mar-Nov
	Winter skate													-	-	-	Sep-May	Sep-Nov
	Atlantic mackerel													-	-	-	Apr-Nov*	Apr-Nov*
	Atlantic mackerel													-	-	-	Nov-Apr*	Nov-Apr*
	Bluefin tuna													-	-	-	Jun-Sep	-
	Butterfish													May-Aug	May-Aug	May-Oct	May-Dec	May-Dec
	Butterfish													-	-	-	Apr-Nov	Apr-Nov
	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

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

INVERTEBRATES

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
 Bivalve	Atlantic surfclam													Jun-Oct*	Jun-Oct*	Jun-Oct*	Jan-Dec	Jan-Dec
	Blue mussel													Apr-Nov	Apr-Nov	Apr-Nov	Jan-Dec	Jan-Dec
	Northern quahog													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Softshell clam													May-Oct	May-Oct	May-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
 Lobster	Horseshoe crab													-	-	-	Jan-Dec	Jan-Dec
	American lobster													-	-	-	Jan-Dec	Jan-Dec
	American lobster													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec






MARINE MAMMALS

Subelement	Species	Monthly Presence												Mating	Calving	Pupping	Molt
		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	615.08	0.96
	10B	Freshwater Marshes	44.13	0.07
	10D	Scrub and Shrub Wetlands	35.38	0.06
	9A	Sheltered Tidal Flats	99.19	0.15
	7	Exposed Tidal Flats	2,993.78	4.68

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	63,656.59	39.55	21%
	10B	Freshwater Marshes	128.24	0.08	< 1%
	10D	Scrub and Shrub Wetlands	1,111.73	0.69	< 1%
	9A	Sheltered Tidal Flats	16,712.24	10.38	6%
	9B	Vegetated Low Banks	53,655.17	33.34	18%
	8B	Sheltered, Solid Man-Made Structures	25,296.33	15.72	8%
	8C	Sheltered Riprap	5,606.97	3.48	2%
	7	Exposed Tidal Flats	69,857.09	43.41	23%
	6B	Riprap	3,059.57	1.90	1%
	5	Mixed Sand and Gravel Beaches	483.33	0.30	< 1%
	4	Coarse Grained Sand Beaches	7,678.85	4.77	3%
	3A	Fine to Medium Grained Sand Beaches	43,179.84	26.83	14%
	1B	Exposed, Solid Man-Made Structures	12,140.25	7.54	4%
Total ESI Shoreline:			302,566.17	Total ESI Shoreline:	188.01
Total Shoreline:			159,021.53	Total Shoreline:	98.81

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

