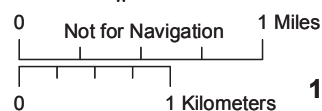


Map 3A
South Long Island



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



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Map 3A
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				
1	Shorebird	Piping plover	Nesting	E/E	T	1-5 Pairs													Apr-Aug	-	-	-
10	Gull/Tern	Least tern	Nesting	T/E		10-50 Pairs													May-Sep	-	-	-
17	Waterfowl	Canada goose	Wintering			1000S													-	-	-	-
	Waterfowl	Waterfowl	Migration			High													-	Mar-Apr	Oct-Nov	-
	Waterfowl	Waterfowl	Wintering			1000S													-	-	-	-
18	Gull/Tern	Common tern	Migration	T/C		100S													-	-	Aug-Sep	-
	Gull/Tern	Least tern	Migration	T/E		1S													-	-	Aug-Sep	-
	Gull/Tern	Roseate tern	Migration	E/E	E	1S													-	May	Aug-Sep	-
	Shorebird	Piping plover	Migration	E/E	T	1S													-	-	Aug-Sep	-
	Shorebird	Red knot	Migration	-E	T	1S													-	Apr-May	Jul-Sep	-
	Shorebird	Sanderling	Migration	-C		100S													-	Apr-May	Aug-Sep	-
	Shorebird	Semipalmated sandpiper	Migration	-C		10S													-	Apr-May	Aug-Sep	-
19	Shorebird	Piping plover	Migration	E/E	T	10S													-	-	Aug-Sep	-
	Shorebird	Sanderling	Migration	-C		100S													-	-	Aug-Sep	-
	Shorebird	Semipalmated plover	Migration			100S													-	-	Aug-Sep	-
20	Gull/Tern	Least tern	Nesting	T/E		100-200 Pairs													May-Sep	-	-	-
	Shorebird	Piping plover	Nesting	E/E	T	1-5 Pairs													Apr-Aug	-	-	-
21	Gull/Tern	Least tern	Nesting	T/E		50-100 Pairs													May-Sep	-	-	-
	Shorebird	Piping plover	Nesting	E/E	T	5-10 Pairs													Apr-Aug	-	-	-
22	Waterfowl	Canada goose	Wintering			High													-	-	-	-

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					
379	Diadromous	Atlantic sturgeon	Migration	-E	E	High													-	-	-	May-Jul	May-Jul
382	Diadromous	American eel	Nursery Area			-													-	-	-	Jan-Dec	-
383	Diadromous	Alewife	Nursery Area			-													-	-	-	Mar-May	Apr-Oct
	Diadromous	Alewife	Spawning Area			-													Mar-May	Mar-May	-	-	Mar-May

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					
523	Plant	Threatened plant	Vulnerable Occurrence	T/-		-													-	-	-	-	-
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					
545	Amphibian	B. spotted salamander	General Distribution	C/E		-													Mar-Apr	Apr-May	-	Apr-Jul	Mar-Apr
	Amphibian	E. tiger salamander	General Distribution	E/-		-													-	-	-	-	Jan-Dec
	Amphibian	Rare salamander	General Distribution	C/C		-													Aug-Nov	Sep-Apr*	-	Mar-Jun	Mar-Nov
	Snake	Rare snake	General Distribution	C/C		-													-	-	-	Apr-Nov	Apr-Nov
	Turtle	Spotted turtle	General Distribution	C/C		-													-	-	-	Mar-Nov	Mar-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					
622	Bivalve	Atlantic razor	Harvest Area			3 Bushels/Yr Avg													Apr-May	Apr-May	Apr-May	Jan-Dec	Jan-Dec
	Bivalve	Eastern oyster	Harvest Area			854 Bushels/Yr Avg													Jul-Aug	Jul-Aug	Jul-Sep	Jan-Dec	Jan-Dec
	Bivalve	Northern quahog	Harvest Area			2 Bushels/Yr Avg													Jun-Aug	Jun-Aug	Jun-Sep	Jan-Dec	Jan-Dec
	Bivalve	Softshell clam	Harvest Area			1188 Bushels/Yr Avg													Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec
623	Insect	Hessel's hairstreak	Vulnerable Occurrence	E/-		-													Apr-May	Apr-May	Apr-May	Jan-Dec	Apr-May

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)

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


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					
	Gastropod	Whelk	Harvest Area			-													Jun-Jul	Aug-Nov	-	Jan-Dec	Jan-Dec

MARINE MAMMALS




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				
	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													-	-	-	-
	Herring gull													-	-	-	-
	Pelagic													-	-	-	-
	Great shearwater													-	-	-	-
	Northern gannet													-	-	-	-
	Wilson's storm-petrel													-	-	-	-
	Black scoter													-	-	-	-
	Common eider													-	-	-	-
	Long-tailed duck													-	-	-	-
	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													-	-	-	Nov-Apr	Nov-Apr
	Alewife													-	-	-	Nov-Apr	Nov-Apr
	American eel													-	-	-	Nov-Apr	Nov-Apr
	American shad													-	-	-	Nov-Apr	Nov-Apr
	Blueback herring													-	-	-	Nov-Apr	Nov-Apr
	Striped bass													-	-	-	Mar-Nov	Mar-Nov
	Atlantic croaker													-	-	-	-	Jun-Dec
	Atlantic herring													-	-	-	Nov-May	Nov-May
	Atlantic menhaden													Sep-Dec	Sep-Dec	Oct-Dec	Oct-Apr	Oct-Apr
	Bay anchovy													May-Nov	May-Nov	May-Dec	Jan-Dec	Jan-Dec
	Black sea bass													May-Oct	May-Oct	May-Nov	Mar-Nov	Mar-Nov
	Bluefish													-	-	-	May-Nov	May-Nov
	Northern kingfish													-	-	-	Jun-Nov	Jun-Nov
	Scup													-	-	-	Apr-Dec	Apr-Dec
	Spot													-	-	-	Sep-Nov	Jun-Nov
	Summer flounder													Sep-Nov	Sep-Nov	Sep-Dec	Apr-Nov	Apr-Nov
	Weakfish													Apr-Sep	Apr-Sep	May-Sep	Apr-Nov	Apr-Nov
	White perch													Mar-Jun	Mar-Jun	Mar-Jun	Jan-Dec	Jan-Dec
	Windowpane													Mar-Nov*	Mar-Nov*	Apr-Nov*	Jan-Dec	Jan-Dec
	Winter flounder													-	-	-	Jan-Dec	Jan-Dec
	Estuarine Resident													-	-	-	Jan-Apr	Jan-Apr
	Atlantic silverside													-	-	-	Jan-Apr	Jan-Apr

FISH (continued)

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
 Marine Benthic	American sand lance													-	-	-	-	Oct-Jun
	Atlantic cod													-	-	-	Nov-Apr	Nov-Apr
	Clearnose skate													-	-	-	Apr-Nov	Apr-Nov
	Goosefish													-	-	-	-	Jan-Jun
	Little skate													Jan-Dec	Jan-Dec	-	Jan-Dec	Jan-Dec
	Little skate													-	-	-	Jan-Dec	Jan-Dec
	Ocean pout													-	-	-	Dec-Aug	Dec-Aug
	Red hake													Jun-Sep	Jun-Sep	Jul-Oct	Jan-Dec	Jan-Dec
	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	Mar-Nov	Mar-Nov
	Tautog													May-Aug	May-Aug	Jun-Aug	Jan-Dec	Jan-Dec
	Winter skate													-	-	-	Sep-May	Sep-Nov
 Marine Pelagic	Albacore													-	-	-	Jun-Sep	-
	Atlantic mackerel													-	-	-	Nov-Apr*	Nov-Apr*
	Bluefin tuna													-	-	-	Jun-Sep	-
	Butterfish													May-Aug	May-Aug	May-Oct	May-Dec	May-Dec
	Dusky shark													-	-	-	May-Sep	May-Sep
	Sand tiger													-	-	-	Jun-Oct	-
	Sandbar shark													-	-	-	Jun-Oct	Jun-Oct
	Shortfin mako													-	-	-	May-Oct	May-Oct
	Skipjack tuna													-	-	-	Jun-Sep	Jun-Sep
	Spiny dogfish													-	-	-	Oct-Apr	Oct-Apr
	Thresher shark													-	-	-	May-Nov	May-Nov
	Tiger shark													-	-	-	Jul-Oct	-
	White shark													-	-	-	Jul-Oct	-
	Yellowfin tuna													-	-	-	Jul-Sep	-

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
	Ocean quahog													Jul-Nov	Jul-Nov	Jul-Dec	Jan-Dec	Jan-Dec
 Cephalopod	Longfin squid													-	-	-	-	Jan-Dec
	Blue crab													-	-	Jun-Oct	-	Aug-Mar
 Crab	Horseshoe crab													-	-	-	Jan-Dec	Jan-Dec
	Horseshoe crab													-	-	-	Aug-Mar	Aug-Mar
 Lobster	American lobster													-	-	-	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	77.37	0.12
	10B	Freshwater Marshes	6.18	0.01
	10C	Swamps	141.96	0.22
	10D	Scrub and Shrub Wetlands	131.91	0.21
	7	Exposed Tidal Flats	87.55	0.14

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	10,936.65	6.80	14%
	10C	Swamps	566.75	0.35	1%
	10D	Scrub and Shrub Wetlands	7,397.36	4.60	10%
	9B	Vegetated Low Banks	36,542.96	22.71	48%
	8B	Sheltered, Solid Man-Made Structures	4,479.52	2.78	6%
	8C	Sheltered Riprap	548.06	0.34	1%
	7	Exposed Tidal Flats	3,842.36	2.39	5%
	5	Mixed Sand and Gravel Beaches	621.06	0.39	1%
	4	Coarse Grained Sand Beaches	11,669.02	7.25	15%
	1B	Exposed, Solid Man-Made Structures	255.98	0.16	< 1%

Total ESI Shoreline:	76,859.71	Total ESI Shoreline:	47.76
Total Shoreline:	53,722.41	Total Shoreline:	33.38

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

