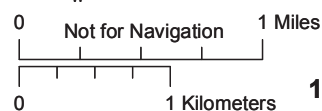


Map 2B
South Long Island



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 2B
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				
7	Raptor	Northern harrier	Concentration Area	T/E		High													-	-	-	-
	Raptor	Raptors	Migration			High													-	-	Aug-Nov	-
11	Gull/Tern	Common tern	Migration	T/C		100S													-	-	Aug-Sep	-
12	Gull/Tern	Roseate tern	Migration	E/E	E	1S													-	May	Aug-Sep	-
	Shorebird	Piping plover	Migration	E/E	T	1S													-	-	Aug-Sep	-
	Shorebird	Sanderling	Migration	-/C		100S													-	Apr-May	Aug-Sep	-
13	Gull/Tern	Least tern	Nesting	T/E		10-50 Pairs													May-Sep	-	-	-
	Shorebird	Piping plover	Nesting	E/E	T	1-5 Pairs													Apr-Aug	-	-	-
14	Gull/Tern	Least tern	Nesting	T/E		50-100 Pairs													May-Sep	-	-	-
	Shorebird	Piping plover	Nesting	E/E	T	10-25 Pairs													Apr-Aug	-	-	-
15	Shorebird	Piping plover	Nesting	E/E	T	5-10 Pairs													Apr-Aug	-	-	-
	Waterfowl	Gadwall	Nesting			3 Pairs													May-Sep	-	-	-
16	Waterfowl	Mallard	Nesting			25 Pairs													Mar-Sep	-	-	-
	Waterfowl	Wood duck	Nesting			2 Pairs													Mar-Sep	-	-	-

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
381	Diadromous	Alewife	Nursery Area			-													-	-	Mar-May	Apr-Oct	-
	Diadromous	Alewife	Spawning Area			-													Mar-May	Mar-May	-	-	Mar-May
	Diadromous	American eel	Nursery Area			-													-	-	-	Jan-Dec	-

HABITATS & RARE PLANTS

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					
520	Plant	Endangered plant	Vulnerable Occurrence	E/E		-													-	-	-	-	-
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					
544	Amphibian	Eastern spadefoot	Vulnerable Occurrence	C/-		Present And Active													-	-	-	-	Mar-Sep
	Amphibian	Fowler's toad	General Distribution	-/C		-													-	-	-	-	Apr-Nov
	Snake	Rare snake	Vulnerable Occurrence	C/C		Present And Active													-	-	-	-	Apr-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

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													-	-	-	-
		N.A. right whale	Migration	E/E	E	-													-	-	-	-

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				
	 Gull/Tern	G. black-backed gull													-	-	-	-
		Herring gull													-	-	-	-
	 Pelagic	Great shearwater													-	-	-	-
		Northern gannet													-	-	-	-
		Wilson's storm-petrel													-	-	-	-
	 Waterfowl	Black scoter													-	-	-	-

BIRDS (continued)

Subelement	Species	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
	Common eider													-	-	-	-
	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
	American eel													-	-	Jan-Feb	-	Sep-Dec
	American shad													-	-	-	Nov-Apr	Nov-Apr
 Estuarine Nursery	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
 Estuarine Resident	Winter flounder													-	-	-	Jan-Dec	Jan-Dec
	Atlantic silverside													-	-	-	Jan-Apr	Jan-Apr
 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

FISH (continued)

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	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
 Crab	Blue crab													-	-	Jun-Oct	-	Aug-Mar
	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	9.51	0.01
	10B	Freshwater Marshes	19.70	0.03
	10C	Swamps	28.31	0.04
	10D	Scrub and Shrub Wetlands	37.21	0.06
	7	Exposed Tidal Flats	20.78	0.03

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	2,619.63	1.63	9%
	10C	Swamps	1,131.84	0.70	4%
	10D	Scrub and Shrub Wetlands	120.27	0.07	< 1%
	9B	Vegetated Low Banks	11,569.20	7.19	39%
	8B	Sheltered, Solid Man-Made Structures	811.90	0.50	3%
	8C	Sheltered Riprap	258.93	0.16	1%
	7	Exposed Tidal Flats	1,019.44	0.63	3%
	6B	Riprap	866.02	0.54	3%
	5	Mixed Sand and Gravel Beaches	642.12	0.40	2%
	4	Coarse Grained Sand Beaches	10,642.55	6.61	36%

Total ESI Shoreline:	29,681.89	Total ESI Shoreline:	18.44
Total Shoreline:	23,767.84	Total Shoreline:	14.77

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

