

**Map 1B**  
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

0 Not for Navigation 1 Miles  
0 1 Kilometers

**1:50,000**



**Map 1B**  
**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	-	-	-
2	Gull/Tern	Common tern	Migration	T/C		100S													-	-	Aug-Sep	-
	Gull/Tern	Roseate tern	Migration	E/E	E	10S													-	May	Aug-Sep	-
3	Raptor	Peregrine falcon	Migration	E/-		-													-	Mar-Apr	-	-
	Raptor	Raptors	Migration			-													-	-	Aug-Nov	-
4	Gull/Tern	Least tern	Nesting	T/E		10-50 Pairs													May-Sep	-	-	-
	Shorebird	Piping plover	Nesting	E/E	T	10-25 Pairs													Apr-Aug	-	-	-
5	Gull/Tern	Common tern	Migration	T/C		10S													-	-	Aug-Sep	-
6	Raptor	Northern harrier	Nesting	T/E		-													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					
379	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		-													-	-	-	-	-
522	Upland	Rare upland community	Vulnerable Occurrence			-													-	-	-	-	-
523	Plant	Threatened plant	Vulnerable Occurrence	T/-		-													-	-	-	-	-
525	Plant	Rare plant	Vulnerable Occurrence	C/C		-													-	-	-	-	-
526	Wetland	Seabeach amaranth	Vulnerable Occurrence	T/E	T	-													-	-	-	-	-
527	Plant	Endangered plant	Vulnerable Occurrence	E/E		-													-	-	-	-	-
	Plant	Threatened plant	Vulnerable Occurrence	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					
541	Amphibian	Eastern spadefoot	Concentration Area	C/-		High													-	-	-	Mar-Sep*	Mar-Sep
	Snake	Rare snake	Vulnerable Occurrence	C/C		Present And Active													-	-	-	-	Apr-Nov
	Turtle	Eastern box turtle	Vulnerable Occurrence	C/C		Present And Active													-	-	-	-	Apr-Nov
	Turtle	Spotted turtle	Vulnerable Occurrence	C/C		Present And Active													-	-	-	-	Mar-Nov

**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				
680	Whale	Fin whale	Concentration Area	E/E	E	Foraging													-	-	-	-

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													-	-	-	-
	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

**FISH (continued)**

	<b>Subelement</b>	<b>Species</b>	<b>Monthly Presence</b>												<b>Spawn</b>	<b>Eggs</b>	<b>Larvae</b>	<b>Juveniles</b>	<b>Adults</b>
			<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>					
		American shad													-	-	-	Nov-Apr	Nov-Apr
		Blueback herring													-	-	-	Nov-Apr	Nov-Apr
		Striped bass													-	-	-	Mar-Nov	Mar-Nov
	Estuarine Nursery	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
		Windowpane													Mar-Nov*	Mar-Nov*	Apr-Nov*	Jan-Dec	Jan-Dec
		Winter flounder													-	-	-	Jan-Dec	Jan-Dec
	Estuarine Resident	Atlantic silverside													-	-	-	Jan-Apr	Jan-Apr
	Marine Benthic	American sand lance													-	-	-	-	Oct-Jun
		Atlantic cod													-	-	-	Nov-Apr	Nov-Apr
		Cleannose 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

	<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
		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

	<i>Subelement</i>	<i>Species</i>	<i>Monthly Presence</i>												<i>Mating</i>	<i>Calving</i>	<i>Pupping</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>				
	Dolphin	Bottlenose dolphin													-	-	-	-
		Harbor porpoise													-	-	-	-

For additional information about species locations and extent, reference the underlying GIS data available from [response.restoration.noaa.gov](https://response.restoration.noaa.gov)

SHORELINE RESOURCES

ESI POLYGON HABITAT TYPES

	ESI Rank	Habitat Classification	Area (Acres)	Area (Sq. Miles)
	10A	Salt and Brackish Water Marshes	32.59	0.05
	10B	Freshwater Marshes	0.13	0.00
	10D	Scrub and Shrub Wetlands	37.91	0.06

ESI SHORELINE HABITAT TYPES

	ESI Rank	Shoreline Habitat Classification	Length (Meters)	Length (Miles)	% of ESI Shoreline
	5	Mixed Sand and Gravel Beaches	1,166.48	0.72	11%
	4	Coarse Grained Sand Beaches	8,639.32	5.37	79%
	3B	Scarps and Steep Slopes (Sand)	1,166.48	0.72	11%

Total ESI Shoreline:	10,972.28	Total ESI Shoreline:	6.82
Total Shoreline:	9,805.80	Total Shoreline:	6.09

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](https://response.restoration.noaa.gov)

