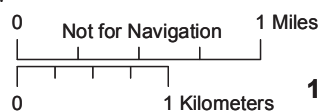


**Map 7A**  
South Long Island



**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 7A**  
**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**

	<i>Subelement</i>	<i>Species</i>	<i>Mapping Qualifier</i>	<i>S</i>	<i>F</i>	<i>Concentration</i>	<i>Monthly Presence</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>
	SAV	Submersed aquatic veg	High Ecological Value			Present												

**BIRDS**

Monthly Presence																							
Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	Nest	Mig.(S)	Mig.(F)	Molt	
37	Passerine	Seaside sparrow	Nesting	C/-		-													May-Aug	-	-	-	-
84	Gull/Tern	Black skimmer	Nesting	C/E		10-50 Pairs													Apr-Aug	-	-	-	-
	Gull/Tern	Common tern	Nesting	T/C		10-50 Pairs													May-Sep	-	-	-	-
	Gull/Tern	Least tern	Nesting	T/E		10-50 Pairs													May-Sep	-	-	-	-
85	Wading	Glossy ibis	Nesting	-/C		1-10 Pairs													Apr-Aug	-	-	-	-
86	Diving	Pied-billed grebe	Nesting	T/E		-													Apr-Sep	-	-	-	-

**FISH**

<i>Map ID</i>	<i>Subelement</i>	<i>Species</i>	<i>Mapping Qualifier</i>	<i>S</i>	<i>F</i>	<i>Concentration</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>					
399	Diadromous	American eel	Nursery Area			-													-	-	-	Jan-Dec	-
	Estuarine Nursery	White perch	Nursery Area			-													-	-	Mar-Jun	Jan-Dec	Jan-Dec
400	Diadromous	American eel	Nursery Area			-													-	-	-	Jan-Dec	-
	Diadromous	Brown trout	Harvest Area			-													-	-	-	-	Jan-Dec
	Diadromous	Rainbow trout	Harvest Area			-													-	-	-	-	Jan-Dec
	Estuarine Nursery	White perch	Nursery Area			-													-	-	Mar-Jun	Jan-Dec	Jan-Dec
	Estuarine Nursery	White perch	Spawning Area			-													Mar-Jun	Mar-Jun	-	-	Mar-Jun
	Freshwater	Brook trout	Harvest Area			-													Sep-Nov	Sep-Nov	Nov-Dec	Jan-Dec	Jan-Dec
	Freshwater	Brook trout	Nursery Area			-													-	-	Nov-Dec	Jan-Dec	-
	Freshwater	Brook trout	Spawning Area			-													Sep-Nov	Sep-Nov	-	-	Sep-Nov
401	Diadromous	Brown trout	Harvest Area			-													-	-	-	-	Jan-Dec
	Diadromous	Rainbow trout	Harvest Area			-													-	-	-	-	Jan-Dec
	Estuarine Nursery	White perch	Spawning Area			-													Mar-Jun	Mar-Jun	-	-	Mar-Jun
	Freshwater	Brook trout	Harvest Area			-													Sep-Nov	Sep-Nov	Nov-Dec	Jan-Dec	Jan-Dec
	Freshwater	Brook trout	Nursery Area			-													-	-	Nov-Dec	Jan-Dec	-
	Freshwater	Brook trout	Spawning Area			-													Sep-Nov	Sep-Nov	-	-	Sep-Nov
402	Diadromous	Striped bass	Nursery Area			-													-	-	-	Apr-Nov	-
	Estuarine Nursery	Bluefish	Nursery Area			-													-	-	-	May-Oct	-

## 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/-		-												-
524	Upland	Sandplain gerardia	Vulnerable Occurrence	E/-	E	-												-
527	Plant	Endangered plant	Vulnerable Occurrence	E/E		-												-
	Plant	Threatened plant	Vulnerable Occurrence	T/-		-												-
530	Wetland	Rare wetland community	Vulnerable Occurrence			-												-
533	Plant	Endangered plant	Vulnerable Occurrence	E/E		-												-
	Wetland	Rare wetland community	Vulnerable Occurrence			-												-

## 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
628	Insect	C. barrens buckmoth	Vulnerable Occurrence	C/-		-													Oct	Oct-Jun	May-Jul	Jan-Dec	Oct
632	Insect	Frosted elfin	Vulnerable Occurrence	T/-		-													Apr-May	Apr-May	May-Jun	Jan-Dec	Apr-May
633	Insect	Pine Barrens underwing	Vulnerable Occurrence	C/-		-													Jul	Jul-May	Apr-Jun	-	Jul

## 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				
	Waterfowl	American black duck	Wintering		1000S													-	-	-	-
		Brant	Wintering		1000S													-	-	-	-
		Mergansers	Wintering		1000S													-	-	-	-
		Scaup	Wintering		10000S													-	-	-	-
		Scaup	Wintering		1000S													-	-	-	-
		Waterfowl	Migration		High													-	Mar-Apr	Oct-Nov	-
		Waterfowl	Wintering		10000S													-	-	-	-
		Waterfowl	Wintering		High													-	-	-	-

## 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	Eastern oyster			382 Bushels/Yr Avg													Jul-Aug	Jul-Aug	Jul-Sep	Jan-Dec	Jan-Dec
		Northern quahog			6 Bushels/Yr Avg													Jun-Aug	Jun-Aug	Jun-Sep	Jan-Dec	Jan-Dec
		Northern quahog			59 Bushels/Yr Avg													Jun-Aug	Jun-Aug	Jun-Sep	Jan-Dec	Jan-Dec

## ALSO PRESENT IN MAPPED AREA (GENERAL DISTRIBUTION)



# FISH

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Diadromous													-	-	-	Apr-Nov	Mar-Jun
	Alewife													-	-	-	Apr-Nov	Mar-Jun
	American eel													-	-	-	Apr-Aug	Jan-Dec
	American shad													-	-	-	Apr-Nov	Apr-Jul
	Blueback herring													-	-	-	May-Nov	Mar-Jul
	Striped bass													-	-	-	Apr-Nov	Mar-Nov
	Atlantic herring													-	-	-	Nov-Apr	Nov-Apr
	Atlantic menhaden													-	-	-	Apr-Nov	Mar-Nov
	Bay anchovy													May-Jul	May-Jul	May-Dec	Jan-Dec	Jan-Dec
	Black sea bass													-	-	-	Apr-Nov	Apr-Nov
	Bluefish													-	-	-	May-Oct	Apr-Dec
	Northern kingfish													-	-	-	May-Nov	May-Nov
	Northern puffer													May-Aug	Jun-Oct	Jun-Oct	May-Oct	May-Oct
	Scup													-	-	-	May-Nov	May-Nov
	Spot													-	-	-	Apr-Nov	Apr-Nov
	Summer flounder													-	-	-	Apr-Oct	Apr-Oct
	Weakfish													May-Aug	May-Aug	Jun-Aug	May-Nov	Apr-Nov
	White perch													-	-	-	Jan-Dec	Jan-Dec
	White perch													Apr-Jun	Apr-Jul	Jun-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
	Estuarine Resident													May-Aug	May-Aug	May-Sep	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													Nov-Feb	Nov-Feb	Dec-Jun	Dec-Jun	Nov-May
	American sand lance													-	-	-	Nov-Apr	-
	Atlantic cod													-	-	-	Dec-Apr	Apr-Dec
	Atlantic tomcod													-	-	-	Mar-Jun	-
	Pollock													-	-	-	May-Oct	May-Oct
	Red hake													May-Jun	May-Oct	-	Apr-Oct	Apr-Oct
	Smooth dogfish													May-Aug	May-Aug	Jun-Aug	Jan-Dec	Mar-Dec
	Tautog													-	-	-	Nov-Apr	-
	Marine Pelagic													May-Aug	May-Aug	May-Oct	May-Dec	May-Dec
	Atlantic mackerel													-	-	-	Jun-Oct	Jun-Oct
	Butterfish													-	-	-	Jun-Oct	Jun-Oct
	Sandbar shark													-	-	-	Jun-Oct	Jun-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 razor													Apr-May	Apr-May	Apr-May	Jan-Dec	Jan-Dec
		Bay scallop													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
		Blue mussel													Apr-Nov	Apr-Nov	Apr-Nov	Jan-Dec	Jan-Dec
		Eastern oyster													Jul-Aug	Jul-Aug	Jul-Sep	Jan-Dec	Jan-Dec
		Softshell clam													Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec
	Crab	Blue crab													May-Oct	Jun-Oct	Jun-Oct	Jan-Dec	Jan-Dec
		Horseshoe crab													-	-	-	Jan-Dec	Jan-Dec
	Gastropod	Channeled whelk													Jun-Jul	Aug-Oct	-	Jan-Dec	Jan-Dec














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

	<i>ESI Rank</i>	<i>Habitat Classification</i>	<i>Area (Acres)</i>	<i>Area (Sq. Miles)</i>
	10A	Salt and Brackish Water Marshes	758.81	1.19
	10B	Freshwater Marshes	50.70	0.08
	10C	Swamps	1,198.87	1.87
	10D	Scrub and Shrub Wetlands	81.95	0.13
	7	Exposed Tidal Flats	100.98	0.16

### 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	25,890.37	16.09	24%
	10C	Swamps	3,828.93	2.38	3%
	10D	Scrub and Shrub Wetlands	143.16	0.09	< 1%
	9B	Vegetated Low Banks	34,521.19	21.45	31%
	8B	Sheltered, Solid Man-Made Structures	25,852.89	16.06	24%
	8C	Sheltered Riprap	159.03	0.10	< 1%
	7	Exposed Tidal Flats	1,556.31	0.97	1%
	6B	Riprap	1,728.48	1.07	2%
	5	Mixed Sand and Gravel Beaches	171.79	0.11	< 1%
	4	Coarse Grained Sand Beaches	5,148.75	3.20	5%
	3A	Fine to Medium Grained Sand Beaches	5,624.25	3.49	5%
	2A	Exposed, Wave-Cut Platforms (Bedrock/Mud/Clay)	4,367.79	2.71	4%
	1B	Exposed, Solid Man-Made Structures	688.39	0.43	1%

Total ESI Shoreline:	109,681.33	Total ESI Shoreline:	68.15
Total Shoreline:	71,406.35	Total Shoreline:	44.37

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)

