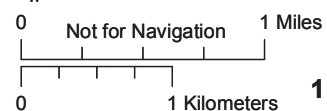


Map 7B
South Long Island



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 7B
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

	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence											
							J	F	M	A	M	J	J	A	S	O	N	D
	SAV	Submersed aquatic veg	High Ecological Value			Present												-
	Algae	Macroalgae	High Ecological Value			Present												-

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				
87	Passerine	Seaside sparrow	Nesting	C/-		-												May-Aug	-	-	-	-
	Waterfowl	Waterfowl	Wintering			10000S												-	-	-	-	-

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/-		-													-	-	-	-	-
527	Plant	Endangered plant	Vulnerable Occurrence	E/E		-													-	-	-	-	-
534	Plant	Threatened plant	Vulnerable Occurrence	T/-		-													-	-	-	-	-
	Plant	Threatened plant	Vulnerable Occurrence	T/-		-													-	-	-	-	-
	Upland	Rare upland 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					
628	Insect	C. barrens buckmoth	Vulnerable Occurrence	C/-		-													Oct	Oct-Jun	May-Jul	Jan-Dec	Oct
646	Bivalve	Northern quahog	Harvest Area			4068 Bushels/Yr Avg													Jun-Aug	Jun-Aug	Jun-Sep	Jan-Dec	Jan-Dec
	Bivalve	Softshell clam	Harvest Area			30 Bushels/Yr Avg													Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec

WIDESPREAD IN MAPPED AREA (> 10 SQUARE KILOMETERS)


BIRDS

Monthly Presence																						
	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
	Waterfowl	Brant	Wintering			1000S													-	-	-	-
		Scaup	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	Harvest Area		382 Bushels/Yr Avg													Jul-Aug	Jul-Aug	Jul-Sep	Jan-Dec	Jan-Dec
		Northern quahog	Harvest Area		6 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-Dec	Sep-Nov
	American shad													-	-	-	Apr-Nov	Apr-Jul
	Blueback herring													-	-	-	May-Nov	Mar-Jul
	Striped bass													-	-	-	Apr-Nov	Mar-Nov
	Estuarine Nursery													-	-	-	Nov-Apr	Nov-Apr
	Atlantic herring													-	-	-	Apr-Nov	Mar-Nov
	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													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													-	-	-	Apr-Dec	Jan-Dec
	Atlantic tomcod													-	-	-	Mar-Jun	-
	Pollock													-	-	-	May-Oct	May-Oct
	Red hake													-	-	-	Apr-Oct	Apr-Oct
	Smooth dogfish													May-Jun	May-Oct	-	Apr-Oct	Apr-Oct



FISH (continued)

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Tautog													May-Aug	May-Aug	Jun-Aug	Jan-Dec	Mar-Dec
	Marine Pelagic Atlantic mackerel													-	-	-	Nov-Apr	-
	Butterfish													May-Aug	May-Aug	May-Oct	May-Dec	May-Dec
	Sandbar shark													-	-	-	Jun-Oct	Jun-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 Bay scallop													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
	Blue mussel													Apr-Nov	Apr-Nov	Apr-Nov	Jan-Dec	Jan-Dec
	Crab Blue crab													May-Oct	Jun-Oct	Jun-Oct	Jan-Dec	Jan-Dec
	Horseshoe crab													-	-	-	Jan-Dec	Jan-Dec














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	217.55	0.34
	10B	Freshwater Marshes	10.72	0.02
	10C	Swamps	328.87	0.51
	10D	Scrub and Shrub Wetlands	22.26	0.03
	7	Exposed Tidal Flats	157.46	0.25

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	6,293.58	3.91	7%
	10C	Swamps	968.74	0.60	1%
	10D	Scrub and Shrub Wetlands	1,207.12	0.75	1%
	9A	Sheltered Tidal Flats	664.80	0.41	1%
	9B	Vegetated Low Banks	14,170.25	8.81	16%
	8B	Sheltered, Solid Man-Made Structures	49,078.39	30.50	55%
	8C	Sheltered Riprap	284.48	0.18	< 1%
	6B	Riprap	955.86	0.59	1%
	5	Mixed Sand and Gravel Beaches	355.13	0.22	< 1%
	4	Coarse Grained Sand Beaches	2,496.52	1.55	3%
	3A	Fine to Medium Grained Sand Beaches	2,989.53	1.86	3%
	2A	Exposed, Wave-Cut Platforms (Bedrock/Mud/Clay)	452.92	0.28	1%
	1B	Exposed, Solid Man-Made Structures	9,276.43	5.76	10%
Total ESI Shoreline:			89,193.76	Total ESI Shoreline:	55.42
Total Shoreline:			77,912.07	Total Shoreline:	48.41

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

