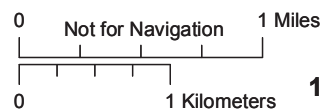


Map 8A
South Long Island



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 8A 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
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				
6	Raptor	Northern harrier	Nesting	T/E		-													Apr-Aug	-	-	-
37	Passerine	Seaside sparrow	Nesting	C/-		-													May-Aug	-	-	-
87	Passerine	Seaside sparrow	Nesting	C/-		-													May-Aug	-	-	-
	Waterfowl	Waterfowl	Wintering			10000S													-	-	-	-
93	Gull/Tern	Common tern	Migration	T/C		100S													-	-	Aug-Sep	-
	Gull/Tern	Roseate tern	Migration	E/E	E	10S													-	May	Aug-Sep	-
	Shorebird	American oystercatcher	Migration	-/C		1S													-	-	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	-
97	Waterfowl	Waterfowl	Wintering			10000S													-	-	-	-
98	Gull/Tern	Black skimmer	Nesting	C/E		1-10 Pairs													Apr-Aug	-	-	-
	Gull/Tern	Common tern	Nesting	T/C		100-500 Pairs													May-Sep	-	-	-
	Gull/Tern	Roseate tern	Nesting	E/E	E	1-10 Pairs													May-Sep	-	-	-
	Waterfowl	Waterfowl	Wintering			10000S													-	-	-	-
99	Gull/Tern	Common tern	Nesting	T/C		100-500 Pairs													May-Sep	-	-	-
	Gull/Tern	G. black-backed gull	Nesting			1-10 Pairs													Apr-Jul	-	-	-
	Gull/Tern	Herring gull	Nesting			1-10 Pairs													Apr-Sep	-	-	-
	Waterfowl	Waterfowl	Wintering			10000S													-	-	-	-
100	Gull/Tern	Black skimmer	Nesting	C/E		10-50 Pairs													Apr-Aug	-	-	-
	Gull/Tern	Common tern	Nesting	T/C		50-100 Pairs													May-Sep	-	-	-
	Gull/Tern	G. black-backed gull	Nesting			1-10 Pairs													Apr-Jul	-	-	-
	Gull/Tern	Herring gull	Nesting			100-500 Pairs													Apr-Sep	-	-	-
	Shorebird	American oystercatcher	Nesting	-/C		1-5 Pairs													Apr-Aug	-	-	-
	Waterfowl	Waterfowl	Wintering			10000S													-	-	-	-
101	Gull/Tern	Common tern	Nesting	T/C		50-100 Pairs													May-Sep	-	-	-
	Gull/Tern	Least tern	Nesting	T/E		10-50 Pairs													May-Sep	-	-	-
	Shorebird	American oystercatcher	Nesting	-/C		1-5 Pairs													Apr-Aug	-	-	-
	Shorebird	Piping plover	Migration	E/E	T	10S													-	-	Aug-Sep	-
	Shorebird	Piping plover	Nesting	E/E	T	10-25 Pairs													Apr-Aug	-	-	-
	Shorebird	Sanderling	Migration	-/C		100S													-	-	Aug-Sep	-
102	Gull/Tern	Common tern	Nesting	T/C		50-100 Pairs													May-Sep	-	-	-

BIRDS (continued)

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				
103	Gull/Tern	G. black-backed gull	Nesting			1-10 Pairs													Apr-Jul	-	-	-
	Gull/Tern	Roseate tern	Nesting	E/E	E	1-10 Pairs													May-Sep	-	-	-
	Shorebird	American oystercatcher	Nesting	-/C		1-5 Pairs													Apr-Aug	-	-	-
	Gull/Tern	Common tern	Nesting	T/C		50-100 Pairs													May-Sep	-	-	-
	Shorebird	American oystercatcher	Nesting	-/C		1-5 Pairs													Apr-Aug	-	-	-
104	Waterfowl	Waterfowl	Wintering			10000S													-	-	-	-
	Gull/Tern	Black skimmer	Nesting	C/E		1-10 Pairs													Apr-Aug	-	-	-
	Gull/Tern	Common tern	Nesting	T/C		500-1000 Pairs													May-Sep	-	-	-
	Gull/Tern	G. black-backed gull	Nesting			10-50 Pairs													Apr-Jul	-	-	-
	Shorebird	American oystercatcher	Nesting	-/C		1-5 Pairs													Apr-Aug	-	-	-
105	Waterfowl	Waterfowl	Wintering			10000S													-	-	-	-
	Passerine	Seaside sparrow	Nesting	C/-		-													May-Aug	-	-	-
	Raptor	Northern harrier	Nesting	T/E		-													Apr-Aug	-	-	-
	Raptor	Short-eared owl	Nesting	E/E		-													Apr-Jul	-	-	-
	Passerine	Seaside sparrow	Nesting	C/-		-													May-Aug	-	-	-
106	Raptor	Northern harrier	Nesting	T/E		-													Apr-Aug	-	-	-
	Raptor	Short-eared owl	Nesting	E/E		-													Apr-Jul	-	-	-
	Waterfowl	Waterfowl	Wintering			10000S													-	-	-	-
	Raptor	Northern harrier	Nesting	T/E		-													Apr-Aug	-	-	-
	Raptor	Short-eared owl	Nesting	E/E		-													Apr-Jul	-	-	-
107	Gull/Tern	Least tern	Nesting	T/E		100-200 Pairs													May-Sep	-	-	-
	Shorebird	American oystercatcher	Nesting	-/C		5-10 Pairs													Apr-Aug	-	-	-
	Shorebird	Piping plover	Nesting	E/E	T	10-25 Pairs													Apr-Aug	-	-	-
	Shorebird	American oystercatcher	Migration	-/C		1S													-	-	Aug-Sep	-
	Raptor	Northern harrier	Nesting	T/E		-													Apr-Aug	-	-	-
108	Waterfowl	Waterfowl	Wintering			10000S													-	-	-	-
	Wading	Black rail	Nesting	E/E		-													Jun-Jul	-	-	-
	Passerine	Prothonotary warbler	Nesting			-													May-Jul	-	-	-
	Diving	D. crested cormorant	Nesting			50-100 Pairs													Jun-Sep	-	-	-
	Waterfowl	Canada goose	Nesting			9 Pairs													Mar-Jun	-	-	-
109	Waterfowl	Mallard	Nesting			6 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					
390	Diadromous	Striped bass	Concentration Area			High													-	-	-	Apr-Nov	Mar-Nov
	Estuarine Nursery	Black sea bass	Concentration Area			High													-	May-Oct	May-Nov	-	-
	Estuarine Nursery	Bluefish	Concentration Area			High													-	-	-	May-Oct	Apr-Dec
	Marine Benthic	American sand lance	Concentration Area			High													Nov-Feb	Nov-Feb	Dec-Jun	Dec-Jun	Nov-May
	Marine Benthic	Tautog	Concentration Area			High													-	May-Aug	Jun-Aug	-	-
404	Diadromous	Alewife	Nursery Area			-													-	-	Mar-May	Apr-Oct	-
	Diadromous	American eel	Nursery Area			-													-	-	-	Jan-Dec	-
405	Diadromous	Alewife	Migration			-													-	-	-	Apr-Oct	Mar-May
406	Diadromous	Alewife	Spawning Area			-													Mar-May	Mar-May	-	-	Mar-May

FISH (continued)

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					
	Diadromous	Brown trout	Harvest Area			-													-	-	-	-	Jan-Dec
	Diadromous	Rainbow trout	Harvest Area			-													-	-	-	-	Jan-Dec
	Freshwater	Bluegill	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	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
	Freshwater	Largemouth bass	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Pumpkinseed	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Yellow perch	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
407	Freshwater	Chain pickerel	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Common carp	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec

HABITATS & RARE PLANTS

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					
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	-													-	-	-	-	-

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
625	Insect	Monarch butterfly	Migration			High													-	-	-	-	Aug-Oct
626	Invertebrate	R, LT, or LE invertebrate	Vulnerable Occurrence			-													Apr-Jun	Apr-Jun	Jan-Dec	-	Jan-Dec
648	Gastropod	Whelk	Harvest Area			-													Jun-Jul	Aug-Nov	-	Jan-Dec	Jan-Dec
649	Bivalve	Eastern oyster	Harvest Area			382 Bushels/Yr Avg													Jul-Aug	Jul-Aug	Jul-Sep	Jan-Dec	Jan-Dec
	Bivalve	Northern quahog	Harvest Area			6 Bushels/Yr Avg													Jun-Aug	Jun-Aug	Jun-Sep	Jan-Dec	Jan-Dec

MARINE MAMMALS


Monthly Presence																						
Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molt
678	Pinniped	Seals	Concentration Area			High	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
684	Pinniped	Gray seal	Haul Out			-	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
	Pinniped	Harbor seal	Haul Out			-	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
	Pinniped	Harp seal	Haul Out			-	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-

WIDESPREAD IN MAPPED AREA (> 10 SQUARE KILOMETERS)


BENTHIC

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					
	SAV	Submersed aquatic veg	High Ecological Value			Present													-	-	-	-	-


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	Brant			1000S													-	-	-	-
		Scaup			10000S													-	-	-	-
	Waterfowl	Wintering			High													-	-	-	-



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	-/E	E	Low													-	-	-	Jan-Dec	Oct-Jun
		Atlantic sturgeon	-/E	E	High													-	-	-	May-Jul	May-Jul


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	T/T	T	-													-	-	-	May-Nov	May-Nov
		K. ridley sea turtle	E/E	E	-													-	-	-	May-Nov	-
		Leatherback sea turtle	E/E	E	-													-	-	-	May-Nov	May-Nov
		Loggerhead sea turtle	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	Atlantic surfclam			224702 Bushels/Yr													Jun-Oct*	Jun-Oct*	Jun-Oct*	Jan-Dec	Jan-Dec
		Northern quahog			4068 Bushels/Yr Avg													Jun-Aug	Jun-Aug	Jun-Sep	Jan-Dec	Jan-Dec
		Softshell clam			30 Bushels/Yr Avg													Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec
	Crab	Horseshoe crab			High													-	-	-	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	E/E	E	Common													-	-	-	-
		Humpback whale	E/E	E	Common													-	-	-	-
		N.A. right whale	E/E	E	Uncommon, Regular													-	-	-	-
		N.A. right whale	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				
	Alcid													-	-	-	-
	Gull/Tern													-	-	-	-
	Herring gull													-	-	-	-
	Pelagic													-	-	-	-
	Northern gannet													-	-	-	-
	Wilson's storm-petrel													-	-	-	-
	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													-	-	-	-
	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	Alewife													-	-	-	Nov-Apr	Nov-Apr
	Alewife													-	-	-	Apr-Nov	Mar-Jun
	American eel													-	-	Jan-Feb	-	Sep-Dec
	American eel													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	American shad													-	-	-	Apr-Nov	Apr-Jul
	American shad													-	-	-	Nov-Apr	Nov-Apr
	Blueback herring													-	-	-	Nov-Apr	Nov-Apr
	Blueback herring													-	-	-	May-Nov	Mar-Jul
 Estuarine Nursery	Striped bass													-	-	-	Mar-Nov	Mar-Nov
	Striped bass													-	-	-	Apr-Nov	Mar-Nov
	Atlantic croaker													-	-	-	-	Jun-Dec
	Atlantic herring													-	-	-	Nov-May	Nov-May
	Atlantic herring													-	-	-	Nov-Apr	Nov-Apr
	Atlantic menhaden													Sep-Dec	Sep-Dec	Oct-Dec	Oct-Apr	Oct-Apr
	Atlantic menhaden													-	-	-	Apr-Nov	Mar-Nov
	Bay anchovy													May-Jul	May-Jul	May-Dec	Jan-Dec	Jan-Dec
	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
	Black sea bass													-	-	-	Apr-Nov	Apr-Nov
	Bluefish													-	-	-	May-Nov	May-Nov
	Bluefish													-	-	-	May-Oct	Apr-Dec
	Northern kingfish													-	-	-	Jun-Nov	Jun-Nov
	Northern kingfish													-	-	-	May-Nov	May-Nov
	Northern puffer													May-Aug	Jun-Oct	Jun-Oct	May-Oct	May-Oct
	Scup													-	-	-	May-Nov	May-Nov
	Scup													-	-	-	Apr-Dec	Apr-Dec
	Spot													-	-	-	Sep-Nov	Jun-Nov
	Spot													-	-	-	Apr-Nov	Apr-Nov
	Summer flounder													-	-	-	Apr-Oct	Apr-Oct
	Summer flounder													Sep-Nov	Sep-Nov	Sep-Dec	Apr-Nov	Apr-Nov
	Weakfish													May-Aug	May-Aug	Jun-Aug	May-Nov	Apr-Nov
	Weakfish													Apr-Sep	Apr-Sep	May-Sep	Apr-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
	Windowpane													Mar-Nov*	Mar-Nov*	Apr-Nov*	Jan-Dec	Jan-Dec
	Winter flounder													Feb-Apr	Feb-Apr	Mar-Jun	Jan-Dec	Jan-Dec





FISH (continued)

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Winter flounder													-	-	-	Jan-Dec	Jan-Dec
	Atlantic silverside													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Atlantic silverside													-	-	-	Jan-Apr	Jan-Apr
	Killifish													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Northern pipefish													May-Aug	-	May-Oct	Jan-Dec	Jan-Dec
	American sand lance													-	-	-	-	Oct-Jun
	American sand lance													Nov-Feb	Nov-Feb	Dec-Jun	Dec-Jun	Nov-May
	Atlantic cod													-	-	-	Nov-Apr	Nov-Apr
	Atlantic cod													-	-	-	Nov-Apr	-
	Atlantic tomcod													-	-	Dec-Apr	Apr-Dec	Jan-Dec
	Clearnose skate													-	-	-	Apr-Nov	Apr-Nov
	Goosefish													-	-	-	-	Jan-Jun
	Little skate													Jan-Dec	Jan-Dec	-	Jan-Dec	Jan-Dec
	Ocean pout													-	-	-	Dec-Aug	Dec-Aug
	Pollock													-	-	-	Mar-Jun	-
	Red hake													-	-	-	May-Oct	May-Oct
	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	Mar-Dec
	Tautog													May-Aug	May-Aug	Jun-Aug	Jan-Dec	Jan-Dec
	Winter skate													-	-	-	Sep-May	Sep-Nov
	Atlantic mackerel													-	-	-	Nov-Apr*	Nov-Apr*
	Atlantic mackerel													-	-	-	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	-


REPTILES & AMPHIBIANS

Subelement	Species	Monthly Presence												Nest	Hatch	Internest	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Turtle													-	-	-	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 surfclam													Jun-Oct*	Jun-Oct*	Jun-Oct*	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
	Cephalopod	Longfin squid													-	-	-	-	Jan-Dec
	Crab	Blue crab													May-Oct	Jun-Oct	Jun-Oct	Jan-Dec	Jan-Dec
		Blue crab													-	-	Jun-Oct	-	Aug-Mar
		Horseshoe crab													-	-	-	Aug-Mar	Aug-Mar
		Horseshoe crab													-	-	-	Jan-Dec	Jan-Dec
	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

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	1,427.24	2.23
	10B	Freshwater Marshes	32.89	0.05
	10C	Swamps	121.56	0.19
	10D	Scrub and Shrub Wetlands	33.95	0.05
	9A	Sheltered Tidal Flats	180.25	0.28
	7	Exposed Tidal Flats	385.93	0.60

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	82,923.86	51.53	25%
	10B	Freshwater Marshes	214.10	0.13	< 1%
	10D	Scrub and Shrub Wetlands	537.81	0.33	< 1%
	9A	Sheltered Tidal Flats	23,202.23	14.42	7%
	9B	Vegetated Low Banks	90,462.33	56.21	27%
	8B	Sheltered, Solid Man-Made Structures	77,729.31	48.30	23%
	8C	Sheltered Riprap	261.70	0.16	< 1%
	7	Exposed Tidal Flats	13,633.62	8.47	4%
	6B	Riprap	2,450.28	1.52	1%
	5	Mixed Sand and Gravel Beaches	966.16	0.60	< 1%
	4	Coarse Grained Sand Beaches	6,035.19	3.75	2%
	3A	Fine to Medium Grained Sand Beaches	17,354.02	10.78	5%
	2B	Exposed Scarps and Steep Slopes (Clay)	83.56	0.05	< 1%
	1B	Exposed, Solid Man-Made Structures	16,369.29	10.17	5%

Total ESI Shoreline:	332,223.45	Total ESI Shoreline:	206.43
Total Shoreline:	207,564.59	Total Shoreline:	128.97

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

