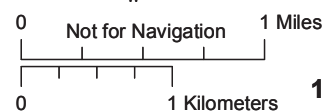


# Map 26A

## Long Island Sound



**SEE BACK OF MAP**  
for details about mapped species and  
other species that occur in mapped area.  
Data Published: September 2016



**1:50,000**



**Map 26A**  
**Long Island Sound**

**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	CT/NY		Concentration	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
				S	F		J	F	M	A	M	J	J	A	S	O	N	D				
173	Raptor	Osprey	General Distribution	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
273	Gull/Tern	Least tern	General Distribution	T/T		2													Apr-Aug	-	-	-
	Shorebird	Piping plover	General Distribution	T/E	T	2													Mar-Aug	-	-	-
279	Gull/Tern	Common tern	Concentration Area	E/T		Present													May-Aug	-	-	-
	Gull/Tern	Least tern	General Distribution	T/T		100S													Apr-Aug	-	-	-
	Gull/Tern	Least tern	Nesting	T/T		Present													Apr-Aug	-	-	-
	Raptor	Osprey	Nesting	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Shorebird	Piping plover	General Distribution	T/E	T	6													Mar-Aug	-	-	-
	Shorebird	Piping plover	Nesting	T/E	T	Present													Mar-Aug	-	-	-
280	Gull/Tern	Least tern	General Distribution	T/T		2													Apr-Aug	-	-	-
	Gull/Tern	Least tern	Nesting	T/T		Present													Apr-Aug	-	-	-
	Passerine	Horned lark	Concentration Area	E/C		Present													Mar-May	-	-	-
	Raptor	Osprey	Nesting	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Shorebird	Piping plover	General Distribution	T/E	T	6													Mar-Aug	-	-	-
	Shorebird	Piping plover	Nesting	T/E	T	Present													Mar-Aug	-	-	-
281	Gull/Tern	Least tern	General Distribution	T/T		100S													Apr-Aug	-	-	-
	Gull/Tern	Least tern	Nesting	T/T		Present													Apr-Aug	-	-	-
	Passerine	Horned lark	Concentration Area	E/C		Present													Mar-May	-	-	-
	Raptor	Osprey	Nesting	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Shorebird	Piping plover	General Distribution	T/E	T	2													Mar-Aug	-	-	-
	Shorebird	Piping plover	Nesting	T/E	T	Present													Mar-Aug	-	-	-
282	Gull/Tern	Least tern	Nesting	T/T		Present													Apr-Aug	-	-	-
	Passerine	Horned lark	Concentration Area	E/C		Present													Mar-May	-	-	-
	Raptor	Osprey	Nesting	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Shorebird	Piping plover	General Distribution	T/E	T	2													Mar-Aug	-	-	-
	Shorebird	Piping plover	Nesting	T/E	T	Present													Mar-Aug	-	-	-
283	Passerine	Horned lark	General Distribution	E/C		Present													Mar-May	-	-	-
	Raptor	Osprey	General Distribution	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Raptor	Short-eared owl	General Distribution	T/E		Present													-	Oct-Apr	-	-

## FISH

Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
704	Estuarine Nursery	Atlantic menhaden	Nursery Area			Common													May-Oct	May-Oct	May-Nov	Apr-Nov	Apr-Nov
	Estuarine Nursery	Scup	Nursery Area			Common													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
	Estuarine Nursery	Summer flounder	Nursery Area			Common													-	-	-	Mar-Nov	Mar-Nov
	Estuarine Nursery	Weakfish	Nursery Area			Common													May-Sep	May-Sep	May-Sep	Jul-Nov	May-Nov
	Estuarine Nursery	Winter flounder	Nursery Area			Common													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
705	Estuarine Nursery	Scup	Nursery Area			Common													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
	Estuarine Nursery	Weakfish	Nursery Area			Common													May-Sep	May-Sep	May-Sep	Jul-Nov	May-Nov
	Estuarine Nursery	Winter flounder	Nursery Area			Common													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
	Estuarine Resident	Mummichog	Nursery Area			Abundant													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec

## HABITATS & RARE PLANTS

Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
780	Plant	Swamp cottonwood	Vulnerable Occurrence	-T		Present													-	-	-	-	-
865	Upland	Seaside knotweed	Vulnerable Occurrence	C/C		Present													-	-	-	-	-
866	Plant	Goose tongue	Vulnerable Occurrence	-T		Present													-	-	-	-	-
874	Plant	Mitchell's sedge	Vulnerable Occurrence	-E		Present													-	-	-	-	-
875	FAV	Small floating bladderwort	Vulnerable Occurrence	-T		Present													-	-	-	-	-
	Plant	Atlantic white cedar	Vulnerable Occurrence	-T		Present													-	-	-	-	-

## REPTILES & AMPHIBIANS




Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Hatch	Internest	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
963	Turtle	Diamondback terrapin	Vulnerable Occurrence	C/-		Present													Jun-Jul	Aug-Oct	-	Jan-Dec	Jan-Dec
967	Amphibian	Rare amphibian	Vulnerable Occurrence	-E		Present													Mar-Apr	May	-	Jan-Dec	Jan-Dec

## INVERTEBRATES






Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
999	Bivalve	Bay scallop	Nursery Area			Common													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
1017	Insect	Hessel's hairstreak	Vulnerable Occurrence	-E		Present													Apr-May	Jun	Jun-Jul	Jul-Apr	May-Jun

WIDESPREAD IN MAPPED AREA ( > 10 SQUARE KILOMETERS )


## BIRDS

	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
				S	F		J	F	M	A	M	J	J	A	S	O	N	D				
	Diving	Common loon	General Distribution	C/C		10S													-	-	-	-
		Pied-billed grebe	General Distribution	E/T		5													-	-	-	-
		Pied-billed grebe	General Distribution	E/T		Present													-	-	-	-
	Gull/Tern	Black skimmer	General Distribution	-C		Present													Mar-Aug	-	-	-
		Common tern	General Distribution	E/T		Present													May-Aug	-	-	-
		Least tern	General Distribution	T/T		Present													Apr-Aug	-	-	-
	Shorebird	Piping plover	General Distribution	T/E	T	Present													Mar-Aug	-	-	-



## FISH

Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
			S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Diadromous	Alewife	Nursery Area		Common													Mar-Jun	Mar-Jun	Mar-Jun	Mar-Oct	Mar-Oct
		American eel	Nursery Area		Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Estuarine Nursery	Atlantic menhaden	Nursery Area		Abundant													May-Oct	May-Oct	May-Nov	Apr-Nov	Apr-Nov
		Bay anchovy	Nursery Area		Abundant													May-Sep	May-Sep	May-Nov	Jan-Dec	Jan-Dec
		Black sea bass	Nursery Area		Common													-	-	-	Apr-Nov	Apr-Nov
		Bluefish	Nursery Area		Common													Jun-Sep	Jun-Sep	Jun-Sep	Jun-Nov	Apr-Nov
		Hogchoker	Nursery Area		Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
		Northern kingfish	Nursery Area		Common													Jun-Sep	Jun-Sep	Jun-Sep	Apr-Nov	Apr-Nov
		Northern puffer	Nursery Area		Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
		Scup	Nursery Area		Abundant													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
		Summer flounder	Nursery Area		Abundant													-	-	-	Mar-Nov	Mar-Nov
		Weakfish	Nursery Area		Abundant													May-Sep	May-Sep	May-Sep	Jul-Nov	May-Nov
		Windowpane	Nursery Area		Common													Apr-Oct	Apr-Oct	May-Nov	Jan-Dec	Jan-Dec
		Winter flounder	Spawning Area		Abundant													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
	Estuarine Resident	Atlantic silverside	Nursery Area		Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
		Fourspine stickleback	Nursery Area		Common													Apr-Jul	Apr-Jul	May-Aug	May-Dec	Jan-Dec
		Mummichog	Nursery Area		Common													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
		Northern pipefish	Nursery Area		Common													Apr-Aug	-	May-Sep	Jan-Dec	Jan-Dec
		Oyster toadfish	Nursery Area		Common													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Marine Benthic	Cunner	Nursery Area		Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
		Smooth dogfish	Nursery Area		Common													-	-	-	May-Oct	May-Oct
		Striped searobin	Nursery Area		Common													May-Sep	May-Sep	May-Sep	Apr-Nov	Apr-Nov
		Tautog	Nursery Area		Common													Apr-Sep	Apr-Sep	May-Sep	Apr-Nov	Apr-Nov
	Marine Pelagic	Butterfish	Nursery Area		Common													May-Aug	May-Aug	May-Oct	May-Dec	May-Dec

## REPTILES & AMPHIBIANS

Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Nest	Hatch	Internest	Juveniles	Adults
			S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Turtle	Green sea turtle	General Distribution	T/T	Present													-	-	-	Jun-Nov	-
		K. ridley sea turtle	General Distribution	E/E	Present													-	-	-	Jun-Nov	-
		Loggerhead sea turtle	General Distribution	T/T	Present													-	-	-	Jun-Nov	-

## INVERTEBRATES







Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
			S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Bivalve	Bay scallop	Harvest Area		Low													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
		Eastern oyster	Harvest Area		Low													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
		Northern quahog	Harvest Area		High													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
		Softshell clam	Harvest Area		Low													Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec
	Crab	Horseshoe crab	Nursery Area		Common													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec

## MARINE MAMMALS


Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Mating	Calving	Pupping	Molt	
			S	F		J	F	M	A	M	J	J	A	S	O	N	D					
	Dolphin	Harbor porpoise	General Distribution	C/C	Present													-	-	-	-	-

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				
	Diving	D. crested cormorant													Mar-Aug	-	-	-
		Horned grebe													-	-	-	-
		Red-throated loon													-	-	-	-
	Gull/Tern	G. black-backed gull													Mar-Aug	-	-	-
		Herring gull													Mar-Aug	-	-	-
		Ring-billed gull													-	-	-	-
	Passerine	Acadian flycatcher													Jun-Jul	May-Jun	Aug-Sep	-
		Baltimore oriole													Apr-Aug	-	-	-
		Prairie warbler													Apr-Aug	-	-	-
	Pelagic	Northern gannet													-	-	-	-
	Shorebird	Ruddy turnstone													-	Mar-May	Aug-Nov	-
		Semipalmated plover													-	Apr-Jun	Sep-Nov	-
		Semipalmated sandpiper													-	-	Jul-Oct	-
		Willet													Apr-Aug	-	-	-
	Waterfowl	American black duck													Apr-May	Mar-Apr	Sep-Nov	-
		American coot													-	-	-	-
		American wigeon													-	-	-	-
		Black scoter													-	-	-	-
		Blue-winged teal													-	Mar-May	Sep-Nov	-
		Bufflehead													-	Oct-Jun	-	-
		Canada goose													Mar-Aug	Jan-Dec	-	-
		Canvasback													-	-	-	-
		Common eider													Sep-May	-	-	-
		Common goldeneye													-	Nov-Apr	-	-
		Eurasian wigeon													-	-	-	-
		Greater scaup													-	-	-	-
		Hooded merganser													-	-	-	-
		Lesser scaup													-	-	-	-
		Long-tailed duck													-	-	-	-
		Mallard													Mar-Aug	-	-	-
		Mute swan													Mar-Sep	-	-	-
		Northern pintail													-	-	-	-
		Red-breasted merganser													-	-	-	-
		Ring-necked duck													-	-	-	-
		Ruddy duck													-	-	-	-
		Scoters													-	Apr-May	Sep-Nov	-
		Surf scoter													-	-	-	-
		White-winged scoter													-	Sep-May	-	-
		Wood duck													Mar-Aug	-	-	-

## FISH

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Freshwater													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Bluegill													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Brown bullhead													May-Jul	May-Jul	Jun-Aug	Jan-Dec	Jan-Dec
	Chain pickerel													Mar-May	Mar-May	Mar-May	Jan-Dec	Jan-Dec
	Largemouth bass													May-Jul	May-Jul	May-Jul	Jan-Dec	Jan-Dec
	Pumpkinseed													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
	Yellow perch													Mar-May	Mar-May	Mar-Aug	Jan-Dec	Jan-Dec

## INVERTEBRATES

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Bivalve													Apr-Oct	Apr-Oct	Apr-Oct	Jan-Dec	Jan-Dec
	Blue mussel													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Eastern oyster													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Northern quahog													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Ribbed mussel													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Cephalopod													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
	Longfin squid													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
	Crab													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
	Blue crab													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
	Horseshoe crab													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Lady crab													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
	Spider crabs													May-Oct	May-Oct	May-Oct	May-Oct	Jan-Dec
	Shrimp													Feb-May	Feb-May	Feb-May	Jan-Dec	Jan-Dec
	Grass shrimp													Feb-May	Feb-May	Feb-May	Jan-Dec	Jan-Dec
	Mantis shrimp																	






## MARINE MAMMALS

Subelement	Species	Monthly Presence												Mating	Calving	Pupping	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
	Dolphin													-	-	-	-
	Pinniped													-	-	-	-
	Gray seal													-	-	-	-
	Harbor seal													-	-	-	-














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	71.51	0.11
	10B	Freshwater Marshes	7.26	0.01
	10C	Swamps	52.38	0.08
	10D	Scrub and Shrub Wetlands	10.54	0.02
	9A	Sheltered Tidal Flats	17.84	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	11,657.35	7.24	15%
	10D	Scrub and Shrub Wetlands	428.04	0.27	1%
	9A	Sheltered Tidal Flats	3,234.47	2.01	4%
	9B	Vegetated Low Banks	29,069.17	18.06	38%
	8B	Sheltered, Solid Man-Made Structures	5,077.50	3.16	7%
	8C	Sheltered Riprap	606.28	0.38	1%
	6A	Gravel Beaches	275.08	0.17	< 1%
	6B	Riprap	1,283.84	0.80	2%
	5	Mixed Sand and Gravel Beaches	6,588.53	4.09	9%
	4	Coarse Grained Sand Beaches	12,712.09	7.90	17%
	3A	Fine to Medium Grained Sand Beaches	286.10	0.18	< 1%
	3B	Scarps and Steep Slopes (Sand)	1,294.80	0.80	2%
	1B	Exposed, Solid Man-Made Structures	3,113.09	1.93	4%
Total ESI Shoreline:			75,626.33	Total ESI Shoreline:	46.99
Total Shoreline:			54,437.45	Total Shoreline:	33.83

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)

