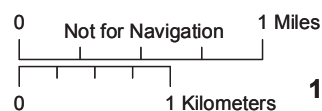


Map 10A
Long Island Sound



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 10A 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				
15	Raptor	Bald eagle	General Distribution	T/T		Present													Feb-Aug	-	-	-

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					
453	Diadromous	Alewife	Spawning Area			Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
459	Estuarine Nursery	White perch	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Aug	Jan-Dec	Jan-Dec
460	Diadromous	Sea lamprey	Spawning Area			Common													May-Jun	May-Jun	Jan-Dec	Apr-Jul	Apr-Jul
488	Diadromous	American shad	Spawning Area			Abundant													May-Jul	May-Jul	May-Aug	Jun-Nov	Apr-Jul
526	Diadromous	American shad	Migration			Abundant													May-Jul	May-Jul	May-Aug	Jun-Nov	Apr-Jul
531	Freshwater	American brook lamprey	Vulnerable Occurrence	E/-		Uncommon													Apr-May	Apr-May	Jan-Dec	-	Mar-Jun
550	Diadromous	Alewife	Migration			Abundant													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
	Diadromous	American eel	Migration			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Diadromous	Blueback herring	Migration	C/-		Abundant													May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov
	Diadromous	Sea lamprey	Migration			Common													May-Jun	May-Jun	Jan-Dec	Apr-Jul	Apr-Jul
	Diadromous	Shortnose sturgeon	Vulnerable Occurrence	E/E	E	Rare													Apr-May	Apr-May	May-Jul	Jan-Dec	Jan-Dec
	Diadromous	Striped bass	Migration			Common													-	-	-	Apr-Nov	Apr-Nov
551	Diadromous	American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Estuarine Nursery	White perch	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Aug	Jan-Dec	Jan-Dec
552	Diadromous	Sea lamprey	Spawning Area			Common													May-Jun	May-Jun	Jan-Dec	Apr-Jul	Apr-Jul
	Estuarine Nursery	White perch	Nursery Area			Common													Apr-Jul	Apr-Jul	Apr-Aug	Jan-Dec	Jan-Dec

HABITATS & RARE PLANTS

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					
813	Plant	Barratt's sedge	Vulnerable Occurrence	E/-		Present													-	-	-	-	-
	Plant	Clustered sedge	Vulnerable Occurrence	T/-		Present													-	-	-	-	-
	Plant	Whip nutrush	Vulnerable Occurrence	E/E		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					
960	Turtle	Rare reptile	Vulnerable Occurrence	-/E		Present													Jun	Aug-Sep	-	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					
993	Bivalve	End. freshwater mussel	Vulnerable Occurrence			Present													-	-	-	-	Jan-Dec
	Bivalve	Rare freshwater mussel	Vulnerable Occurrence			Present													Jul-Sep	-	-	Jan-Dec	Jan-Dec
	Insect	Rare insect	Vulnerable Occurrence			Present													-	-	-	-	Jan-Dec
	Insect	Threatened insect	Vulnerable Occurrence	E/-	T	Present													-	-	-	-	Jan-Dec
994	Insect	Rare insect	Vulnerable Occurrence			Present													-	-	-	-	Jan-Dec

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						
	Waterfowl	American black duck													Apr-May	Mar-Apr	Sep-Nov	-	-	-
		Canada goose													Mar-Aug	Jan-Dec	-	-	-	-
		Green-winged teal													-	Mar-Apr	Sep-Oct	-	-	-
		Mallard													Mar-Aug	-	-	-	-	-
		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					
	Diadromous	Brown trout													Oct-Nov	Oct-Apr	Feb-May	Jan-Dec	Jan-Dec
		Gizzard shad													Apr-Jun	Apr-Jun	Apr-Jun	Jan-Dec	Jan-Dec
	Freshwater	Black crappie													May-Jun	May-Jun	May-Jun	Jan-Dec	Jan-Dec
		Bluegill													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
		Central mudminnow													Mar-Apr	Mar-Apr	Mar-May	Jan-Dec	Jan-Dec
		Channel catfish													May-Jul	May-Jul	Jun-Aug	Jan-Dec	Jan-Dec
		Common carp													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
		Golden shiner													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
		Largemouth bass													May-Jul	May-Jul	May-Jul	Jan-Dec	Jan-Dec
		Northern pike													Mar-May	Mar-May	Mar-May	Jan-Dec	Jan-Dec
		Pumpkinseed													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
		Redbreast sunfish													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
		Rock bass													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
		Smallmouth bass													May-Jun	May-Jun	May-Jul	Jan-Dec	Jan-Dec
		Spottail shiner													Jun-Jul	Jun-Jul	Jun-Aug	Jan-Dec	Jan-Dec
		Tessellated darter													Apr-May	Apr-May	Apr-Jun	Jan-Dec	Jan-Dec
		White catfish													May-Jul	May-Jul	Jun-Aug	Jan-Dec	Jan-Dec
		White sucker													Apr-May	Apr-Jun	Apr-Jun	Jan-Dec	Jan-Dec
		Yellow perch													Mar-May	Mar-May	Mar-Aug	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

	ESI Rank	Habitat Classification	Area (Acres)	Area (Sq. Miles)
	7	Exposed Tidal Flats	14.66	0.02

ESI SHORELINE HABITAT TYPES

	ESI Rank	Shoreline Habitat Classification	Length (Meters)	Length (Miles)	% of ESI Shoreline
	9B	Vegetated Low Banks	74,338.29	46.19	96%
	8B	Sheltered, Solid Man-Made Structures	1,722.99	1.07	2%
	7	Exposed Tidal Flats	611.36	0.38	1%
	4	Coarse Grained Sand Beaches	496.54	0.31	1%

Total ESI Shoreline:	77,169.17	Total ESI Shoreline:	47.95
Total Shoreline:	76,061.27	Total Shoreline:	47.26

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

