

Map 29C

Long Island Sound



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

0 Not for Navigation 1 Miles
0 1 Kilometers

1:50,000



Map 29C
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				
75	Raptor	Northern harrier	General Distribution	E/T		Present													Mar-Aug	-	-	-
91	Wading	Snowy egret	General Distribution	T/-		Present													Mar-Aug	-	-	-
260	Diving	Pied-billed grebe	General Distribution	E/T		5													-	-	-	-
381	Diving	Common loon	General Distribution	C/C		6													-	-	-	-
	Passerine	Seaside sparrow	General Distribution	T/C		Present													May-Aug	-	-	-
	Wading	Little blue heron	General Distribution	C/-		Present													Apr-Aug	-	-	-
382	Diving	D. crested cormorant	Nesting			Present													Mar-Aug	-	-	-
	Gull/Tern	Black skimmer	Nesting	-/C		Present													Mar-Aug	-	-	-
	Gull/Tern	Common tern	Nesting	E/T		Present													May-Aug	-	-	-
	Gull/Tern	G. black-backed gull	Nesting			Present													Mar-Aug	-	-	-
	Gull/Tern	Herring gull	Nesting			Present													Mar-Aug	-	-	-
	Gull/Tern	Least tern	Nesting	T/T		Present													Apr-Aug	-	-	-
	Gull/Tern	Roseate tern	Nesting	E/E	E	Present													May-Aug	-	-	-
	Passerine	Bank swallow	Nesting			Present													Apr-Aug	-	-	-
	Passerine	Seaside sparrow	General Distribution	T/C		Present													May-Aug	-	-	-
	Passerine	Yellow-breasted chat	General Distribution	E/C		Present													May-Aug	-	-	-
	Passerine	Yellow-breasted chat	Nesting	E/C		Present													May-Aug	-	-	-
	Raptor	Bald eagle	General Distribution	T/T		Present													Feb-Aug	-	-	-
	Raptor	Bald eagle	Wintering	T/T		Present													Feb-Aug	-	-	-
	Raptor	Northern goshawk	General Distribution	T/C		Present													-	-	-	-
	Raptor	Northern harrier	General Distribution	E/T		Present													Mar-Aug	-	-	-
	Raptor	Northern harrier	Nesting	E/T		Present													Mar-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Raptor	Osprey	Nesting	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Raptor	Peregrine falcon	General Distribution	T/E		Present													Mar-Aug	-	-	-
	Raptor	Red-tailed hawk	Nesting			Present													Mar-Aug	-	-	-
	Raptor	Snowy owl	Wintering			Present													-	Mar-Apr	Nov-Dec	-
	Shorebird	American oystercatcher	Nesting	T/-		Present													Mar-Aug	-	-	-
	Wading	BC night-heron	Nesting			Present													Mar-Aug	-	-	-
	Wading	Great egret	Nesting	T/-		Present													Mar-Aug	-	-	-
	Wading	Snowy egret	Nesting	T/-		Present													Mar-Aug	-	-	-
	Waterfowl	American black duck	Wintering			Present													Apr-May	Mar-Apr	Sep-Nov	-
	Waterfowl	Brant	Wintering			Present													-	Mar-May	Oct-Nov	-
	Waterfowl	Bufflehead	Wintering			Present													-	Oct-Jun	-	-
	Waterfowl	Canada goose	Nesting			Present													Mar-Aug	Jan-Dec	-	-
	Waterfowl	Gadwall	Nesting			Present													Jan-Dec	-	-	-
	Waterfowl	Greater scaup	Wintering			Present													-	-	-	-

BIRDS (continued)

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				
	Waterfowl	Lesser scaup	Wintering			Present													-	-	-	-
	Waterfowl	Long-tailed duck	Wintering			Present													-	-	-	-
	Waterfowl	Red-breasted merganser	Wintering			Present													-	-	-	-
	Waterfowl	Ruddy duck	Wintering			Present													-	-	-	-
	Waterfowl	Waterfowl	Wintering			Present													-	Jan-Dec	-	-
	Waterfowl	White-winged scoter	Wintering			Present													-	Sep-May	-	-
383	Gull/Tern	Common tern	Nesting	E/T		Present													May-Aug	-	-	-
	Gull/Tern	Roseate tern	Nesting	E/E	E	Present													May-Aug	-	-	-
384	Raptor	Northern harrier	General Distribution	E/T		Present													Mar-Aug	-	-	-
	Shorebird	Piping plover	General Distribution	T/E	T	4													Mar-Aug	-	-	-
385	Gull/Tern	Common tern	General Distribution	E/T		20000													May-Aug	-	-	-
	Gull/Tern	Roseate tern	General Distribution	E/E	E	1000S													May-Aug	-	-	-

HABITATS & RARE PLANTS




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				
897	Plant	Pennsylvania catchfly	Vulnerable Occurrence	-/T		Present													-	-	-	-
908	Plant	Pine barren flatsedge	Vulnerable Occurrence	-/E		Present													-	-	-	-
	Plant	Texan flatsedge	Vulnerable Occurrence	-/E		Present													-	-	-	-
	Upland	Seaside knotweed	Vulnerable Occurrence	C/C		Present													-	-	-	-
909	Plant	American burnweed	Vulnerable Occurrence	-/E		Present													-	-	-	-
	Plant	Fernald's sedge	Vulnerable Occurrence	-/T		Present													-	-	-	-
910	Plant	Great Plains flatsedge	Vulnerable Occurrence	-/T		Present													-	-	-	-
	Plant	Rare plant	Vulnerable Occurrence	-/E		Abundant													-	-	-	-

MARINE MAMMALS




Map ID	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				
1031	Pinniped	Gray seal	Haul Out			Present													-	-	-	-
1032	Pinniped	Harbor seal	Haul Out			Varies (3 - 100)													-	-	-	-
1041	Pinniped	Harbor seal	Haul Out			Present													-	-	-	-
1045	Pinniped	Harbor seal	Haul Out			100S													-	-	-	-
1046	Pinniped	Gray seal	Haul Out			100S													-	-	-	-

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	10S													-	-	-	-
	Gull/Tern	Black skimmer	General Distribution	-/C	Present													Mar-Aug	-	-	-
		Common tern	General Distribution	E/T	10S													May-Aug	-	-	-
		Common tern	General Distribution	E/T	Present													May-Aug	-	-	-
		Least tern	General Distribution	T/T	Present													Apr-Aug	-	-	-
	Shorebird	Roseate tern	General Distribution	E/E E	Present													May-Aug	-	-	-
		American oystercatcher	General Distribution	T/-	Present													Mar-Aug	-	-	-
		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	Migration		Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
		Alewife	Nursery Area		Common													Mar-Jun	Mar-Jun	Mar-Jun	Mar-Oct	Mar-Oct
		Alewife	Nursery Area		Common													Apr-Jul	Apr-Jul	Apr-Jul	Apr-Nov	Apr-Nov
		American eel	Migration		Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
		American shad	Nursery Area		Common													May-Jul	May-Jul	May-Aug	Jun-Nov	Apr-Jul
	Estuarine Nursery	Blueback herring	Migration	C/-	Common													May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov
		Striped bass	Nursery Area		Common													-	-	-	Jan-Dec	Jan-Dec
		Atlantic herring	Nursery Area		Common													-	-	Mar-May	Jan-Dec	Jan-Dec
		Atlantic herring	Nursery Area		Abundant													-	-	Mar-May	Jan-Dec	Jan-Dec
		Atlantic menhaden	Nursery Area		Common													May-Oct	May-Oct	May-Nov	Apr-Nov	Apr-Nov
		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
		Bay anchovy	Nursery Area		Common													May-Sep	May-Sep	May-Nov	Jan-Dec	Jan-Dec
		Black sea bass	Nursery Area		Common													-	-	-	Apr-Nov	Apr-Nov
		Black sea bass	Nursery Area		Common													-	-	-	Jan-Dec	Jan-Dec
		Bluefish	Nursery Area		Abundant													Jun-Sep	Jun-Sep	Jun-Sep	Jun-Nov	Apr-Nov
		Bluefish	Nursery Area		Common													Jun-Sep	Jun-Sep	Jun-Sep	Jun-Nov	Apr-Nov
		Northern kingfish	Nursery Area		Common													Jun-Sep	Jun-Sep	Jun-Sep	Apr-Nov	Apr-Nov
		Scup	Nursery Area		Abundant													May-Aug	May-Aug	May-Aug	May-Nov	May-Nov
		Summer flounder	Nursery Area		Common													-	-	-	Mar-Nov	Mar-Nov
		Weakfish	Nursery Area		Abundant													May-Sep	May-Sep	May-Sep	Jul-Nov	May-Nov
		Weakfish	Nursery Area		Common													May-Sep	May-Sep	May-Sep	Jul-Nov	May-Nov
		Windowpane	Nursery Area		Common													Apr-Oct	Apr-Oct	May-Nov	Jan-Dec	Jan-Dec
	Estuarine Resident	Winter flounder	Nursery Area		Common													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
		Winter flounder	Nursery Area		Abundant													Feb-May	Feb-May	Mar-Jun	Jan-Dec	Jan-Dec
		Atlantic silverside	Nursery Area		Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
		Atlantic silverside	Nursery Area		Abundant													May-Aug	May-Aug	May-Aug	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




FISH (continued)

	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					
	Marine Benthic	Atlantic tomcod	Nursery Area			Common													Nov-Feb	Nov-Mar	Dec-May	Jan-Dec	Jan-Dec
		Little skate	Nursery Area			Common													Jan-Dec	Jan-Dec	-	Jan-Dec	Jan-Dec
		Little skate	Nursery Area			Abundant													Jan-Dec	Jan-Dec	-	Jan-Dec	Jan-Dec
		Northern searobin	Nursery Area			Common													May-Sep	May-Sep	May-Sep	Apr-Nov	Apr-Nov
		Red hake	Nursery Area			Common													-	-	-	Mar-Nov	Mar-Nov
		Silver hake	Nursery Area			Common													-	-	May-Oct	Mar-Nov	Mar-Nov
		Smooth dogfish	Nursery Area			Common													-	-	-	May-Oct	May-Oct
		Spotted hake	Nursery Area			Common													-	-	-	Mar-Nov	Mar-Nov
		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	Jan-Dec	Jan-Dec
	Marine Pelagic	Atlantic mackerel	Nursery Area			Common													Apr-Jun	Apr-Jun	Apr-Jun	Apr-Nov	Apr-Nov
		Butterfish	Nursery Area			Common													May-Aug	May-Aug	May-Oct	May-Dec	May-Dec
		Butterfish	Nursery Area			Abundant													May-Aug	May-Aug	May-Oct	May-Dec	May-Dec
		Spiny dogfish	Nursery Area			Common													-	-	-	May-Nov	May-Nov














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	T	Present													-	-	-	Jun-Nov	-
		K. ridley sea turtle	General Distribution	E/E	E	Present													-	-	-	Jun-Nov	-
		Loggerhead sea turtle	General Distribution	T/T	E	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
		Horseshoe crab	Nursery Area			Common													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
	Crab	Horseshoe crab	Nursery Area			Common													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
	Lobster	American lobster	Nursery Area			Common													Jun-Nov	Jan-Dec	May-Aug	Jan-Dec	Jan-Dec

MARINE MAMMALS

CT/NY																						
	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												-	-	-	-	-
	Whale	N.A. right whale	General Distribution	-/E	E	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				
	Alcid	Razorbill													-	-	-	-
	Diving	D. crested cormorant													Mar-Aug	-	-	-
		Great cormorant													-	-	-	-
		Horned grebe													-	-	-	-
		Red-throated loon													-	-	-	-
	Gull/Tern	Bonaparte's gull													-	-	-	-
		G. black-backed gull													Mar-Aug	-	-	-
		Herring gull													Mar-Aug	-	-	-
		Laughing gull													Apr-Aug	-	-	-
		Ring-billed gull													-	-	-	-
	Passerine	Acadian flycatcher													Jun-Jul	May-Jun	Aug-Sep	-
	Pelagic	Black-legged kittiwake													-	-	-	-
		Cory's shearwater													-	Jun-Nov	-	-
		Northern gannet													-	-	-	-
		Wilson's storm-petrel													-	-	-	-
	Waterfowl	American black duck													Apr-May	Mar-Apr	Sep-Nov	-
		American coot													-	-	-	-
		American wigeon													-	-	-	-
		Black brant													-	May	Oct	-
		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	-	-
		Common merganser													-	-	-	-
		Eurasian wigeon													-	-	-	-
		Gadwall													Jan-Dec	-	-	-
		Greater scaup													-	-	-	-
		Green-winged teal													-	Mar-Apr	Sep-Oct	-
		Hooded merganser													-	-	-	-
		Lesser scaup													-	-	-	-
		Long-tailed duck													-	-	-	-
		Mallard													Mar-Aug	-	-	-
		Mute swan													Mar-Sep	-	-	-
		Northern pintail													-	-	-	-
		Northern shoveler													-	-	-	-
		Red-breasted merganser													-	-	-	-
		Redhead													-	Nov-Mar	-	-
		Ring-necked duck													-	-	-	-
		Ruddy duck													-	-	-	-



BIRDS (continued)

Subelement	Species	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
	Scaup													-	Mar-Apr	Oct-Nov	-
	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					
 Marine Benthic	American sand lance													Nov-Mar	Nov-Mar	Dec-Jun	Jan-Dec	Jan-Dec
	Cunner													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Winter skate													Jun-Jan	Jun-Jan	-	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					
 Cephalopod	Longfin squid													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
 Crab	Blue crab													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec
	Horseshoe crab													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
	Jonah crab													Nov-Jun	May-Nov	Jun-Oct	Jan-Dec	Jan-Dec
	Lady crab													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Spider crabs													May-Sep	May-Sep	May-Sep	Jan-Dec	Jan-Dec





MARINE MAMMALS

Subelement	Species	Monthly Presence												Mating	Calving	Pupping	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
 Dolphin	Bottlenose 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

SHORELINE RESOURCES

ESI POLYGON HABITAT TYPES

	<i>ESI Rank</i>	<i>Habitat Classification</i>	<i>Area (Acres)</i>	<i>Area (Sq. Miles)</i>
	10B	Freshwater Marshes	1.11	0.00
	10C	Swamps	0.94	0.00
	10D	Scrub and Shrub Wetlands	0.73	0.00
	7	Exposed Tidal Flats	56.73	0.09

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>
	7	Exposed Tidal Flats	3,013.90	1.87	21%
	6A	Gravel Beaches	5,322.46	3.31	38%
	6B	Riprap	1,661.74	1.03	12%
	5	Mixed Sand and Gravel Beaches	1,915.38	1.19	14%
	4	Coarse Grained Sand Beaches	528.94	0.33	4%
	3B	Scarps and Steep Slopes (Sand)	1,631.44	1.01	12%

Total ESI Shoreline:	14,073.86	Total ESI Shoreline:	8.75
Total Shoreline:	9,428.52	Total Shoreline:	5.86

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

