

Map 22A

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 22A
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				
181	Gull/Tern	Least tern	General Distribution	T/T		Present													Apr-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
212	Diving	D. crested cormorant	Nesting			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	Least tern	Nesting	T/T		Present													Apr-Aug	-	-	-
	Passerine	Fish crow	Nesting			Present													Mar-Aug	-	-	-
	Passerine	Horned lark	Nesting	E/C		Present													Mar-May	-	-	-
	Passerine	Red-winged blackbird	Nesting			Present													Mar-Aug	-	-	-
	Raptor	Osprey	Nesting	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-
	Shorebird	Piping plover	Nesting	T/E	T	Present													Mar-Aug	-	-	-
	Wading	BC night-heron	Nesting			Present													Mar-Aug	-	-	-
	Wading	Egrets	Concentration Area			Present													Jan-Dec	-	-	-
	Wading	Great egret	Nesting	T/-		Present													Mar-Aug	-	-	-
	Wading	Green heron	Nesting			Present													Apr-Aug	-	-	-
	Wading	Herons	Concentration Area			Present													Jan-Dec	Jan-Dec	-	-
	Wading	Snowy egret	Nesting	T/-		Present													Mar-Aug	-	-	-
	Wading	YC night-heron	Nesting	C/-		Present													Mar-Aug	-	-	-
	Waterfowl	American black duck	Wintering			Present													Apr-May	Mar-Apr	Sep-Nov	-
	Waterfowl	Bufflehead	Wintering			Present													-	Oct-Jun	-	-
	Waterfowl	Canada goose	Wintering			Present													Mar-Aug	Jan-Dec	-	-
	Waterfowl	Common goldeneye	Wintering			Present													-	Nov-Apr	-	-
	Waterfowl	Long-tailed duck	Wintering			Present													-	-	-	-
	Waterfowl	Mallard	Wintering			Present													Mar-Aug	-	-	-
	Waterfowl	Red-breasted merganser	Wintering			Present													-	-	-	-
	Waterfowl	Scaup	Wintering			Present													-	Mar-Apr	Oct-Nov	-
213	Diving	D. crested cormorant	Nesting			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	Least tern	General Distribution	T/T		Present													Apr-Aug	-	-	-
	Gull/Tern	Least tern	Nesting	T/T		Present													Apr-Aug	-	-	-
	Passerine	Fish crow	Nesting			Present													Mar-Aug	-	-	-
	Passerine	Horned lark	General Distribution	E/C		Present													Mar-May	-	-	-
	Passerine	Horned lark	Nesting	E/C		Present													Mar-May	-	-	-
	Passerine	Red-winged blackbird	Nesting			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	-

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					
	Shorebird	Piping plover	Nesting	T/E	T	Present													Mar-Aug	-	-	-	-
	Wading	BC night-heron	Nesting			Present													Mar-Aug	-	-	-	-
	Wading	Egrets	Concentration Area			Present													Jan-Dec	-	-	-	-
	Wading	Great egret	General Distribution	T/-		Present													Mar-Aug	-	-	-	-
	Wading	Great egret	Nesting	T/-		Present													Mar-Aug	-	-	-	-
	Wading	Green heron	Nesting			Present													Apr-Aug	-	-	-	-
	Wading	Heron	Concentration Area			Present													Jan-Dec	Jan-Dec	-	-	-
	Wading	Snowy egret	General Distribution	T/-		Present													Mar-Aug	-	-	-	-
	Wading	Snowy egret	Nesting	T/-		Present													Mar-Aug	-	-	-	-
	Wading	YC night-heron	General Distribution	C/-		Present													Mar-Aug	-	-	-	-
	Wading	YC night-heron	Nesting	C/-		Present													Mar-Aug	-	-	-	-
	Waterfowl	American black duck	Wintering			Present													Apr-May	Mar-Apr	Sep-Nov	-	-
	Waterfowl	Bufflehead	Wintering			Present													-	Oct-Jun	-	-	-
	Waterfowl	Canada goose	Wintering			Present													Mar-Aug	Jan-Dec	-	-	-
	Waterfowl	Common goldeneye	Wintering			Present													-	Nov-Apr	-	-	-
	Waterfowl	Long-tailed duck	Wintering			Present													-	-	-	-	-
	Waterfowl	Mallard	Wintering			Present													Mar-Aug	-	-	-	-
	Waterfowl	Red-breasted merganser	Wintering			Present													-	-	-	-	-
	Waterfowl	Scaup	Wintering			Present													-	Mar-Apr	Oct-Nov	-	-
214	Gull/Tern	Common tern	General Distribution	E/T		2													May-Aug	-	-	-	-
	Gull/Tern	Common tern	Nesting	E/T		Present													May-Aug	-	-	-	-
	Gull/Tern	Least tern	General Distribution	T/T		4													Apr-Aug	-	-	-	-
	Gull/Tern	Least tern	Nesting	T/T		Present													Apr-Aug	-	-	-	-
	Raptor	Osprey	General Distribution	-/C		2													Mar-Aug	Mar-Jun	Jul-Nov	-	-
	Shorebird	Shorebirds	Concentration Area			Present													-	Jan-Dec	-	-	-
	Wading	Great egret	General Distribution	T/-		10S													Mar-Aug	-	-	-	-
	Wading	Heron	Concentration Area			Present													Jan-Dec	Jan-Dec	-	-	-
	Wading	Snowy egret	General Distribution	T/-		2													Mar-Aug	-	-	-	-
	Waterfowl	Waterfowl	Wintering			Present													-	Jan-Dec	-	-	-
215	Diving	Horned grebe	Concentration Area			Present													-	-	-	-	-
	Gull/Tern	Common tern	General Distribution	E/T		10S													May-Aug	-	-	-	-
	Gull/Tern	Common tern	Nesting	E/T		Present													May-Aug	-	-	-	-
	Gull/Tern	Least tern	General Distribution	T/T		10S													Apr-Aug	-	-	-	-
	Gull/Tern	Least tern	Nesting	T/T		Present													Apr-Aug	-	-	-	-
	Passerine	Northern parula	General Distribution	C/-		Present													May	Apr-May	Sep-Oct	-	-
	Passerine	Savannah sparrow	General Distribution	C/-		Present													Mar-Aug	-	-	-	-
	Raptor	Osprey	General Distribution	-/C		3													Mar-Aug	Mar-Jun	Jul-Nov	-	-
	Raptor	Osprey	Nesting	-/C		Present													Mar-Aug	Mar-Jun	Jul-Nov	-	-
	Shorebird	American oystercatcher	General Distribution	T/-		5													Mar-Aug	-	-	-	-
	Shorebird	Piping plover	Nesting	T/E	T	Present													Mar-Aug	-	-	-	-
	Wading	BC night-heron	Concentration Area			Present													Mar-Aug	-	-	-	-
	Wading	Great blue heron	Concentration Area			Present													Mar-Aug	-	-	-	-
	Wading	Great egret	Concentration Area	T/-		Present													Mar-Aug	-	-	-	-
	Wading	Great egret	General Distribution	T/-		10S													Mar-Aug	-	-	-	-

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				
	Wading	Herons	Concentration Area			Present	J	F	M	A	M	J	J	A	S	O	N	D	Jan-Dec	Jan-Dec	-	-
	Wading	Snowy egret	General Distribution	T/-		10S													Mar-Aug	-	-	-
	Waterfowl	American black duck	Concentration Area			Present	J	F	M	A	M	J	J	A	S	O	N	D	Apr-May	Mar-Apr	Sep-Nov	-
	Waterfowl	American wigeon	Concentration Area			Present	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
	Waterfowl	Brant	Concentration Area			Present	J	F	M	A	M	J	J	A	S	O	N	D	-	Mar-May	Oct-Nov	-
	Waterfowl	Mallard	Concentration Area			Present	J	F	M	A	M	J	J	A	S	O	N	D	Mar-Aug	-	-	-
	Waterfowl	Waterfowl	Concentration Area			Present	J	F	M	A	M	J	J	A	S	O	N	D	-	Jan-Dec	-	-
216	Gull/Tern	Least tern	General Distribution	T/T		Present													Apr-Aug	-	-	-
	Passerine	Horned lark	General Distribution	E/C		Present	J	F	M	A	M	J	J	A	S	O	N	D	Mar-May	-	-	-
	Raptor	Osprey	General Distribution	-/C		Present	J	F	M	A	M	J	J	A	S	O	N	D	Mar-Aug	Mar-Jun	Jul-Nov	-
	Wading	Great egret	General Distribution	T/-		Present	J	F	M	A	M	J	J	A	S	O	N	D	Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		Present													Mar-Aug	-	-	-
	Wading	YC night-heron	General Distribution	C/-		Present													Mar-Aug	-	-	-
217	Gull/Tern	Common tern	General Distribution	E/T		10S													May-Aug	-	-	-
	Gull/Tern	Least tern	General Distribution	T/T		10S													Apr-Aug	-	-	-
218	Gull/Tern	Common tern	General Distribution	E/T		100S													May-Aug	-	-	-
	Shorebird	American oystercatcher	General Distribution	T/-		8													Mar-Aug	-	-	-
	Shorebird	Piping plover	General Distribution	T/E	T	4													Mar-Aug	-	-	-
	Wading	Great egret	General Distribution	T/-		100S	J	F	M	A	M	J	J	A	S	O	N	D	Mar-Aug	-	-	-
	Wading	Snowy egret	General Distribution	T/-		10S													Mar-Aug	-	-	-
219	Gull/Tern	Common tern	General Distribution	E/T		6													May-Aug	-	-	-
	Gull/Tern	Least tern	General Distribution	T/T		8													Apr-Aug	-	-	-
	Raptor	Osprey	General Distribution	-/C		2													Mar-Aug	Mar-Jun	Jul-Nov	-
220	Gull/Tern	Least tern	General Distribution	T/T		100S													Apr-Aug	-	-	-
221	Shorebird	Piping plover	General Distribution	T/E	T	10													Mar-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					
671	Diadromous	Striped bass	Nursery Area			Common													-	-	-	Apr-Nov	Apr-Nov
	Estuarine Resident	Atlantic silverside	Nursery Area			Abundant	J	F	M	A	M	J	J	A	S	O	N	D	May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Estuarine Resident	Fourspine stickleback	Nursery Area			Common	J	F	M	A	M	J	J	A	S	O	N	D	Apr-Jul	Apr-Jul	May-Aug	May-Dec	Jan-Dec
	Estuarine Resident	Mummichog	Nursery Area			Abundant	J	F	M	A	M	J	J	A	S	O	N	D	May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Estuarine Resident	Northern pipefish	Nursery Area			Common	J	F	M	A	M	J	J	A	S	O	N	D	Apr-Aug	-	May-Sep	Jan-Dec	Jan-Dec
	Estuarine Resident	Sheepshead minnow	Nursery Area			Common	J	F	M	A	M	J	J	A	S	O	N	D	Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
	Estuarine Resident	Striped killifish	Nursery Area			Abundant	J	F	M	A	M	J	J	A	S	O	N	D	May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Marine Benthic	Tautog	Nursery Area			Common													Apr-Sep	Apr-Sep	May-Sep	Apr-Nov	Apr-Nov
672	Diadromous	American eel	Nursery Area			Common	J	F	M	A	M	J	J	A	S	O	N	D	-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Diadromous	Striped bass	Nursery Area			Common													-	-	-	Apr-Nov	Apr-Nov
	Estuarine Nursery	Atlantic menhaden	Nursery Area			Common													May-Oct	May-Oct	May-Nov	Apr-Nov	Apr-Nov
	Estuarine Nursery	Bay anchovy	Nursery Area			Abundant	J	F	M	A	M	J	J	A	S	O	N	D	May-Sep	May-Sep	May-Nov	Jan-Dec	Jan-Dec
	Estuarine Nursery	Northern puffer	Nursery Area			Common	J	F	M	A	M	J	J	A	S	O	N	D	May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	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

FISH (continued)

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					
	Estuarine Resident	Atlantic silverside	Nursery Area			Abundant													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Estuarine Resident	Fourspine stickleback	Nursery Area			Common													Apr-Jul	Apr-Jul	May-Aug	May-Dec	Jan-Dec
	Estuarine Resident	Grubby	Nursery Area			Common													Dec-Apr	Dec-Apr	Jan-May	Jan-Dec	Jan-Dec
	Estuarine Resident	Mummichog	Nursery Area			Abundant													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Estuarine Resident	Northern pipefish	Nursery Area			Common													Apr-Aug	-	May-Sep	Jan-Dec	Jan-Dec
	Estuarine Resident	Striped killifish	Nursery Area			Abundant													May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Marine Benthic	American sand lance	Nursery Area			Common													Nov-Mar	Nov-Mar	Dec-Jun	Jan-Dec	Jan-Dec
	Marine Benthic	Atlantic tomcod	Nursery Area			Common													Nov-Feb	Nov-Mar	Dec-May	Sep-May	Sep-May
	Marine Benthic	Pollock	Nursery Area			Common													-	-	Mar-Apr	Jan-Apr	Jan-Apr
	Marine Benthic	Tautog	Nursery Area			Common													Apr-Sep	Apr-Sep	May-Sep	Apr-Nov	Apr-Nov
673	Diadromous	American eel	Nursery Area			Common													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	Estuarine Nursery	Atlantic menhaden	Nursery Area			Common													May-Oct	May-Oct	May-Nov	Apr-Nov	Apr-Nov
	Estuarine Resident	Sheepshead minnow	Nursery Area			Common													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
	Marine Benthic	Atlantic tomcod	Nursery Area			Common													Nov-Feb	Nov-Mar	Dec-May	Sep-May	Sep-May

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					
856	Plant	Roland's seablite	Vulnerable Occurrence	-	E	100													-	-	-	-	-

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					
970	Turtle	K. ridley sea turtle	Vulnerable Occurrence	E	E	Present													-	-	-	Jun-Nov	-

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					
997	Crab	Horseshoe crab	Spawning Area			Present													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
1003	Crab	Horseshoe crab	Spawning Area			High													May-Jun	Jun-Jul	-	Jan-Dec	Jan-Dec
1005	Bivalve	Bay scallop	Harvest Area			Low													Jun-Sep	Jun-Sep	Jun-Oct	Jan-Dec	Jan-Dec
	Bivalve	Blue mussel	Harvest Area			Low													Apr-Oct	Apr-Oct	Apr-Oct	Jan-Dec	Jan-Dec
	Bivalve	Eastern oyster	Harvest Area			High													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Bivalve	Softshell clam	Harvest Area			High													Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec
	Gastropod	Channeled whelk	Harvest Area			High													Sep-Nov	Sep-Nov	-	Jan-Dec	Jan-Dec

MARINE MAMMALS







Map ID	Subelement	Species	Mapping Qualifier	CT/NY		Concentration	Monthly Presence												Mating	Calving	Pupping	Molt	Adults
				S	F		J	F	M	A	M	J	J	A	S	O	N	D					
1038	Pinniped	Harbor seal	Haul Out			Varies (3 - 30)													-	-	-	-	-

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		2													-	-	-	-
 Gull/Tern	Common tern	General Distribution	E/T		Present													May-Aug	-	-	-
	Least tern	General Distribution	T/T		5													Apr-Aug	-	-	-
	Roseate tern	General Distribution	E/E	E	Present													May-Aug	-	-	-
 Shorebird	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	Nursery Area			Common													Mar-Jun	Mar-Jun	Mar-Jun	Mar-Oct	Mar-Oct
	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
	Blueback herring	Migration	C/-		Common													May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov
	Striped bass	Nursery Area			Common													-	-	-	Jan-Dec	Jan-Dec
 Estuarine Nursery	Atlantic herring	Nursery Area			Abundant													-	-	Mar-May	Jan-Dec	Jan-Dec
	Atlantic menhaden	Nursery Area			Abundant													May-Oct	May-Oct	May-Nov	Apr-Nov	Apr-Nov
	Bay anchovy	Nursery Area			Common													May-Sep	May-Sep	May-Nov	Jan-Dec	Jan-Dec
	Black sea bass	Nursery Area			Common													-	-	-	Jan-Dec	Jan-Dec
	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
	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
	Windowpane	Nursery Area			Common													Apr-Oct	Apr-Oct	May-Nov	Jan-Dec	Jan-Dec
	Winter flounder	Nursery 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
 Fish	Atlantic moonfish	Nursery Area			Common													-	-	-	Jan-Dec	Jan-Dec
 Marine Benthic	Atlantic tomcod	Nursery Area			Common													Nov-Feb	Nov-Mar	Dec-May	Jan-Dec	Jan-Dec
	Cunner	Nursery Area			Common													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Little skate	Nursery Area			Common													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
	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			Abundant													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	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	Atlantic surfclam	Harvest Area		Present													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
		Eastern oyster	Harvest Area		Low													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
		Northern quahog	Harvest Area		Low													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
		Softshell clam	Harvest Area		Moderate													Apr-Sep	Apr-Sep	Apr-Sep	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





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	-	-	-
		Red-necked grebe												-	-	-	-
		Red-throated loon												-	-	-	-
	Gull/Tern	Forster's tern												Apr-Aug	-	-	-
		G. black-backed gull												Mar-Aug	-	-	-
		Herring gull												Mar-Aug	-	-	-
		Ring-billed gull												-	-	-	-
	Passerine	Acadian flycatcher												Jun-Jul	May-Jun	Aug-Sep	-
		American crow												Mar-Aug	-	-	-
		American goldfinch												Mar-Aug	-	-	-
		American robin												Mar-Aug	-	-	-
		Baltimore oriole												Apr-Aug	-	-	-
		Bank swallow												Apr-Aug	-	-	-
		Barn Swallow												Apr-Aug	-	-	-
		Black-capped chickadee												Mar-Aug	-	-	-
		Black & white warbler												Apr-Oct	Apr-Jun	Sep-Oct	-
		Blue jay												Apr-Aug	Mar-May	Sep-Oct	-
		Boat-tailed grackle												Apr-Jun	-	-	-
		Carolina wren												Apr-Jul	-	-	-
		Cedar waxwing												Mar-Aug	-	-	-





BIRDS (continued)

Subelement	Species	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
		J	F	M	A	M	J	J	A	S	O	N	D				
	Chestnut-sided warbler													May	Apr-May	Aug-Oct	-
	Common grackle													Mar-Aug	-	-	-
	Common yellowthroat													Apr-Aug	-	-	-
	Eastern kingbird													Apr-Aug	-	-	-
	Eastern phoebe													May-Jul	Apr-May	Sep-Nov	-
	European starling													Mar-Aug	-	-	-
	Fish crow													Mar-Aug	-	-	-
	Gray catbird													Mar-Aug	-	-	-
	House finch													Mar-Aug	-	-	-
	House sparrow													Mar-Aug	-	-	-
	Marsh wren													Apr-Aug	-	-	-
	Mourning dove													Mar-Aug	-	-	-
	N. r.-winged swallow													Apr-Aug	-	-	-
	Northern cardinal													Mar-Aug	-	-	-
	Northern flicker													Mar-Aug	-	-	-
	Northern mockingbird													Mar-Aug	-	-	-
	Pine warbler													Jun-Aug	Apr-May	Sep-Oct	-
	Prairie warbler													Apr-Aug	-	-	-
	Red-bellied woodpecker													Jun-Jul	Apr-May	Aug-Nov	-
	Red-winged blackbird													Mar-Aug	-	-	-
	Song sparrow													Mar-Aug	-	-	-
	Tree swallow													Mar-Aug	-	-	-
	Warbling vireo													Apr-Aug	-	-	-
	Yellow warbler													Apr-Aug	-	-	-
 Pelagic	Black-legged kittiwake													-	-	-	-
	Northern gannet													-	-	-	-
 Shorebird	Black-bellied plover													-	Aug-May	-	-
	Greater yellowlegs													-	May-Jun	Sep-Oct	-
	Lesser yellowlegs													-	Apr-Jun	Aug-Oct	-
	Semipalmated sandpiper													-	-	Jul-Oct	-
	Willet													Apr-Aug	-	-	-
 Wading	BC night-heron													Mar-Aug	-	-	-
	Great blue heron													Mar-Aug	-	-	-
	Green heron													Apr-Aug	-	-	-
	Sora													-	-	Sep-Oct	-
 Waterfowl	American black duck													Apr-May	Mar-Apr	Sep-Nov	-
	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	-	-



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 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													-	-	-	-
	Ring-necked duck													-	-	-	-
	Ruddy duck													-	-	-	-
	Scaup													-	Mar-Apr	Oct-Nov	-
	Scoters													-	Apr-May	Sep-Nov	-
	Surf scoter													-	-	-	-
	White-winged scoter													-	Sep-May	-	-

INVERTEBRATES

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
 Bivalve	Blue mussel													Apr-Oct	Apr-Oct	Apr-Oct	Jan-Dec	Jan-Dec
	Eastern oyster													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Northern quahog													Jun-Oct	Jun-Oct	Jun-Nov	Jan-Dec	Jan-Dec
	Ribbed mussel													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Softshell clam													Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec
 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
	Green crab													Mar-Sep	Mar-Sep	May-Oct	Jan-Dec	Jan-Dec
	Horseshoe crab													May-Jun	Jun-Jul	-	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
 Shrimp	Mantis shrimp													Feb-May	Feb-May	Feb-May	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>
	10A	Salt and Brackish Water Marshes	138.70	0.22
	10B	Freshwater Marshes	5.19	0.01
	10D	Scrub and Shrub Wetlands	1.95	0.00
	9A	Sheltered Tidal Flats	725.62	1.13

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	14,727.74	9.15	15%
	10D	Scrub and Shrub Wetlands	112.27	0.07	< 1%
	9A	Sheltered Tidal Flats	36,243.08	22.52	38%
	9B	Vegetated Low Banks	22,524.86	14.00	23%
	8B	Sheltered, Solid Man-Made Structures	2,783.78	1.73	3%
	8C	Sheltered Riprap	355.09	0.22	< 1%
	6B	Riprap	381.45	0.24	< 1%
	5	Mixed Sand and Gravel Beaches	17,394.34	10.81	18%
	4	Coarse Grained Sand Beaches	28.54	0.02	< 1%
	3B	Scarps and Steep Slopes (Sand)	1,508.48	0.94	2%
	1B	Exposed, Solid Man-Made Structures	56.92	0.04	< 1%

Total ESI Shoreline:	96,116.56	Total ESI Shoreline:	59.72
Total Shoreline:	47,692.35	Total Shoreline:	29.63

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

