

Map 25B

NY/ NJ Metropolitan Area



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

0 Not for Navigation 1 Miles
0 1 Kilometers

1:50,000



Map 25B
New York and New Jersey Metropolitan Area

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	S	F	Concentration	Monthly Presence												Nest	Mig.(S)	Mig.(F)	Molt
							J	F	M	A	M	J	J	A	S	O	N	D				
319	Shorebird	American oystercatcher	Migration	-/C		1S													-	-	Aug-Sep	-
	Shorebird	Red knot	Migration	-/E	T	1S													-	Apr-May	Jul-Sep	-
348	Diving	D. crested cormorant	Nesting			100-500 Pairs													Jun-Sep	-	-	-
	Gull/Tern	G. black-backed gull	Nesting			100-500 Pairs													Apr-Jul	-	-	-
	Gull/Tern	Herring gull	Nesting			50-100 Pairs													Apr-Sep	-	-	-
	Wading	BC night-heron	Nesting	-/T		100-300 Pairs													Apr-Aug	-	-	-
	Wading	Glossy ibis	Nesting	-/C		50-100 Pairs													Apr-Aug	-	-	-
	Wading	Great egret	Nesting			100-200 Pairs													Apr-Aug	-	-	-
	Wading	Little blue heron	Nesting	-/C		1-5 Pairs													Apr-Aug	-	-	-
	Wading	Snowy egret	Nesting	-/C		50-100 Pairs													Apr-Aug	-	-	-
	Wading	Tricolored heron	Nesting	-/C		-													Apr-Aug	-	-	-
	Wading	YC night-heron	Nesting	-/T		3 Pairs													Apr-Aug	-	-	-
	Waterfowl	Canada goose	Nesting			3 Pairs													Mar-Jun	-	-	-
	Waterfowl	Mallard	Nesting			1 Pair													Mar-Sep	-	-	-
349	Diving	D. crested cormorant	Nesting			100-500 Pairs													Jun-Sep	-	-	-
	Gull/Tern	G. black-backed gull	Nesting			50-100 Pairs													Apr-Jul	-	-	-
	Gull/Tern	Herring gull	Nesting			50-100 Pairs													Apr-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					
512	Freshwater	Bluegill	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Chain pickerel	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	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

HABITATS & RARE PLANTS

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				
520	Plant	Endangered plant	Vulnerable Occurrence	E/E		-													-	-	-	-
522	Upland	Rare upland community	Vulnerable Occurrence			-													-	-	-	-
523	Plant	Threatened plant	Vulnerable Occurrence	T/-		-													-	-	-	-

REPTILES & AMPHIBIANS

Map ID	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					
550	Turtle	Common snapping turtle	Nesting			-													Jun-Jul	Apr-Nov*	-	-	Jun-Jul
572	Turtle	Eastern box turtle	General Distribution	C/C		Present And Active													-	-	-	Apr-Nov	Apr-Nov
	Turtle	Eastern box turtle	Nesting	C/C		-													Jun-Jul	Apr-Nov*	-	-	Jun-Jul
609	Turtle	Painted turtle	Nesting			-													Jun-Jul	Aug-Sep	-	-	Jun-Jul

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					
666	Bivalve	Blue mussel	Concentration Area			Historic													Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec
668	Bivalve	Northern quahog	Concentration Area			Historic													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
669	Bivalve	Softshell clam	Concentration Area			Historic													May-Oct	May-Oct	May-Oct	Jan-Dec	Jan-Dec
670	Bivalve	Atlantic surfclam	Concentration Area			Historic													Jun-Oct*	Jun-Oct*	Jun-Oct*	Jan-Dec	Jan-Dec

MARINE MAMMALS

Map ID	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				
688	Pinniped	Seals	Concentration Area			High	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	-	-	-	-	-
689	Pinniped	Gray seal	Haul Out			Few	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	-	-	-	-	-
	Pinniped	Harbor seal	Haul Out			20-30 Avg	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	-	-	-	-	-

WIDESPREAD IN MAPPED AREA (> 10 SQUARE KILOMETERS)


BIRDS

Monthly Presence																						
Subelement	Species	Mapping Qualifier	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	Nest	Mig.(S)	Mig.(F)	Molt	
	Diving	D. crested cormorant	Wintering		High													-	-	-	-	-
		Great cormorant	Wintering		High													-	-	-	-	-
		Horned grebe	Migration		High													-	-	Oct-Nov	-	-
		Red-throated loon	Migration		High													-	-	Oct-Nov	-	-
	Waterfowl	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	General Distribution	-/E	E	Rare													-	-	-	Jan-Dec	Jan-Dec

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	General Distribution	T/T	T	-													-	-	-	May-Nov	May-Nov
		K. ridley sea turtle	General Distribution	E/E	E	-													-	-	-	May-Nov	-
		Leatherback sea turtle	General Distribution	E/E	E	-													-	-	-	May-Nov	May-Nov
		Loggerhead sea turtle	General Distribution	T/E	T	-													-	-	-	May-Nov	May-Nov

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	Humpback whale	General Distribution	E/E	E	Common												-	-	-	-

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				
	Shorebird													-	Apr-May	-	-
	Waterfowl													-	-	-	-




FISH

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Alewife													-	-	-	Jan-Dec	Feb-Jun
	American eel													-	-	Apr-Aug	Jan-Dec	Sep-Nov
	American shad													-	-	-	Apr-Jun	Apr-May
	Blueback herring													-	-	-	May-Nov	Mar-Jul
	Striped bass													-	-	-	Jan-Dec	Jan-Dec
	Atlantic croaker													-	-	Sep-Nov	Jul-Nov	Jul-Nov
	Atlantic herring													-	-	Apr-May	Jan-May	Jan-May
	Atlantic menhaden													May-Oct*	May-Oct*	May-Oct*	Apr-Nov	Apr-Nov
	Bay anchovy													May-Aug	May-Aug	Jun-Sep	Jul-Mar	Jan-Dec
	Black drum													-	-	-	Jul-Nov	Jul-Nov
	Black sea bass													-	-	-	Apr-Nov	Apr-Nov
	Bluefish													-	-	-	May-Oct	May-Oct
	Northern kingfish													-	-	-	May-Nov	May-Nov
	Northern puffer													May-Aug	Jun-Oct	Jun-Oct	May-Oct	May-Oct
	Scup													Jul	Jul	Jul	Jun-Oct	Jun-Oct
	Spot													-	-	-	Jun-Nov	Jun-Nov
	Summer flounder													-	-	-	May-Oct	May-Oct
	Weakfish													Jun-Aug	Jun-Aug	Jun-Aug	Jun-Nov	May-Dec
	White perch													-	-	-	Jan-Dec	Jan-Dec
	Windowpane													Apr-Jul	Apr-Jul	Apr-Oct	Jan-Dec	Jan-Dec
	Winter flounder													Nov-Apr	Nov-Apr	Nov-May	Jan-Dec	Oct-Jun
	Killifish													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Northern pipefish													May-Jul	-	May-Aug	Apr-Dec	Apr-Dec
	Silversides													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	American sand lance													Nov-Apr	Nov-Apr	Nov-Apr	Nov-Apr	Nov-Apr
	Atlantic cod													-	-	-	Nov-Apr	-
	Atlantic tomcod													-	-	-	Jan-Dec	Jan-Dec
	Pollock													-	-	-	Mar-Jun	-
	Red hake													-	-	-	Nov-May	Nov-May
	Smooth dogfish													May-Jun	May-Oct	-	Apr-Oct	Apr-Oct
	Tautog													May	May	May	Jan-Dec	Apr-Nov

FISH (continued)

	<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>					
	Marine Pelagic	Atlantic mackerel													-	-	-	Apr-Nov*	Apr-Nov*
		Butterfish													-	-	-	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	Blue mussel													Apr-Nov	Apr-Nov	Apr-Nov	Jan-Dec	Jan-Dec
		Northern quahog													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
		Softshell clam													May-Oct	May-Oct	May-Oct	Jan-Dec	Jan-Dec
	Crab	Blue crab													May-Oct	Jun-Oct	Jun-Oct	Jan-Dec	Jan-Dec
		Horseshoe crab													-	-	-	Jan-Dec	Jan-Dec
	Lobster	American lobster													Jun-Sep	Jun-Sep	Jun-Oct	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	222.50	0.35
	10B	Freshwater Marshes	149.67	0.23
	10C	Swamps	36.20	0.06
	10D	Scrub and Shrub Wetlands	3.80	0.01
	7	Exposed Tidal Flats	2.54	0.00

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	532.76	0.33	3%
	10C	Swamps	84.23	0.05	< 1%
	9A	Sheltered Tidal Flats	818.20	0.51	4%
	9B	Vegetated Low Banks	818.20	0.51	4%
	6B	Riprap	2,697.02	1.68	14%
	4	Coarse Grained Sand Beaches	3,979.74	2.47	21%
	3A	Fine to Medium Grained Sand Beaches	3,844.77	2.39	21%
	1B	Exposed, Solid Man-Made Structures	5,837.86	3.63	31%
Total ESI Shoreline:			18,612.77	Total ESI Shoreline:	11.57
Total Shoreline:			11,528.61	Total Shoreline:	7.16

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

