

Map 21A

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 21A
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				
129	Raptor	Endangered raptor 1	Nesting	E/E		1 Pair													Mar-Jul	-	-	-
273	Diving	D. crested cormorant	Nesting			5-50 Pairs													Jun-Sep	-	-	-
	Gull/Tern	G. black-backed gull	Nesting			10-50 Pairs													Apr-Jul	-	-	-
	Gull/Tern	Herring gull	Nesting			10-50 Pairs													Apr-Sep	-	-	-
	Wading	BC night-heron	Nesting	-/T		50-100 Pairs													Apr-Aug	-	-	-
	Wading	Great egret	Nesting			10-50 Pairs													Apr-Aug	-	-	-
	Wading	Snowy egret	Nesting	-/C		1-10 Pairs													Apr-Aug	-	-	-
	Waterfowl	Canada goose	Nesting			1 Pair													Mar-Jun	-	-	-
	Waterfowl	Mallard	Nesting			1 Pair													Mar-Sep	-	-	-
274	Diving	D. crested cormorant	Nesting			5-50 Pairs													Jun-Sep	-	-	-
	Gull/Tern	G. black-backed gull	Nesting			10-50 Pairs													Apr-Jul	-	-	-
	Gull/Tern	Herring gull	Nesting			1-10 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					
415	Diadromous	Atlantic sturgeon	General Distribution	-/E	E	Rare													-	-	-	Jan-Dec	Jan-Dec
499	Diadromous	Anadromous fish	Migration			High													-	-	-	-	Mar-Oct*
	Diadromous	Atlantic sturgeon	General Distribution	-/E	E	-													-	-	-	Nov-Apr	Nov-Apr
	Diadromous	Shortnose sturgeon	General Distribution	E/E	E	-													-	-	-	Jan-Dec	Jan-Dec
501	Freshwater	Bluegill	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Common carp	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Fathead minnow	Harvest Area			-													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Freshwater	Largemouth bass	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
502	Freshwater	Bluegill	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Brown bullhead	Harvest Area			-													May-Jun	May-Jun	May-Aug	Jan-Dec	Jan-Dec
	Freshwater	Common carp	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
	Freshwater	Golden shiner	Harvest Area			-													May-Aug	May-Aug	May-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
	Freshwater	Yellow perch	Harvest Area			-													Apr-Jun	Apr-Jun	Apr-Aug	Jan-Dec	Jan-Dec
503	Diadromous	Atlantic sturgeon	General Distribution	-/E	E	Rare													-	-	-	-	Mar-Oct*

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					
606	Turtle	Green sea turtle	General Distribution	T/T	T	-													-	-	-	May-Nov	May-Nov
	Turtle	K. ridley sea turtle	General Distribution	E/E	E	-													-	-	-	May-Nov	-
	Turtle	Loggerhead sea turtle	General Distribution	T/E	T	-													-	-	-	May-Nov	May-Nov

ALSO PRESENT IN MAPPED AREA (GENERAL DISTRIBUTION)
FISH

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Diadromous	Alewife												-	-	Jun-Jul	Apr-Nov	Mar-Jun
		Alewife												-	-	-	May-Nov	Mar-Jul
		American eel												-	-	-	Jan-Dec	Sep-Nov
		American eel												-	-	Apr-Aug	Jan-Dec	Sep-Nov
		American shad												-	-	-	Jan-Dec	Apr-Aug
		American shad												-	-	-	May-Nov	Mar-Jul
		Blueback herring												-	-	May-Jun	May-Nov	Mar-Jul
		Blueback herring												-	-	-	May-Nov	Mar-Jul
		Striped bass												-	-	-	Jan-Dec	Jan-Dec
		Striped bass												-	-	-	Jan-Dec	Jan-Dec
	Estuarine Nursery	Atlantic herring												-	-	Apr-May	Jan-May	Jan-May
		Atlantic menhaden												-	-	Apr-Jul	Apr-Nov	May-Nov
		Bay anchovy												May-Aug	May-Aug	May-Aug	Jul-Dec	May-Nov
		Bay anchovy												May-Aug	May-Aug	May-Aug	Jul-Dec	Apr-Nov
		Bluefish												-	-	-	May-Oct	May-Oct
		Northern kingfish												-	-	-	Jun-Oct	Jun-Oct
		Scup												-	-	-	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												May-Jul	May-Jul	May-Jul	Jan-Dec	Jan-Dec
		White perch												May-Jun	May-Jun	May-Jun	Jan-Dec	Jan-Dec
		Windowpane												Apr-Nov	Apr-Nov	Apr-Nov	Jan-Dec	Jan-Dec
		Windowpane												-	-	Apr-Nov	Jan-Dec	Jan-Dec
		Winter flounder												Nov-Mar	Nov-Mar	Nov-Mar	Jan-Dec	Oct-Jun
		Winter flounder												Nov-Apr	Nov-Apr	Nov-May	Jan-Dec	Oct-Jun
	Estuarine Resident	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
	Marine Benthic	American sand lance												-	-	Nov-Apr	Nov-Apr	Nov-Apr
		Atlantic tomcod												Dec-Feb	Dec-Mar	Jan-Aug	Jan-Dec	Jan-Dec
		Atlantic tomcod												Dec-Feb	Dec-Mar	Jan-Jul	Jan-Dec	Jan-Dec
		Smooth dogfish												May-Jun	May-Oct	-	Apr-Oct	Apr-Oct
		Tautog												-	Jun	Jun	Apr-Dec	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>					
	Crab	Blue crab													Aug-Nov	-	-	Jan-Dec	Jan-Dec
		Blue crab													May-Oct	Jun-Oct	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>
	9A	Sheltered Tidal Flats	2.25	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>
	9A	Sheltered Tidal Flats	1,005.73	0.62	1%
	9B	Vegetated Low Banks	1,721.45	1.07	1%
	8B	Sheltered, Solid Man-Made Structures	58,667.19	36.45	49%
	8C	Sheltered Riprap	18,511.39	11.50	16%
	6B	Riprap	4,606.38	2.86	4%
	5	Mixed Sand and Gravel Beaches	494.69	0.31	< 1%
	1B	Exposed, Solid Man-Made Structures	33,950.18	21.10	29%
Total ESI Shoreline:			118,957.01	Total ESI Shoreline:	73.92
Total Shoreline:			106,524.07	Total Shoreline:	66.19

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

