

Map 24A

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 24A
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				
304	Wading	BC night-heron	Concentration Area	-/T		2													-	-	-	-
	Wading	Great blue heron	Concentration Area	-/C		2													-	-	-	-
	Wading	Great egret	Concentration Area			6													-	-	-	-
	Wading	Snowy egret	Concentration Area	-/C		2													-	-	-	-
	Wading	YC night-heron	Concentration Area	-/T		7													-	-	-	-
309	Wading	Wading birds	Concentration Area			High													-	-	-	-
319	Shorebird	American oystercatcher	Migration	-/C		1S													-	-	Aug-Sep	-
	Shorebird	Red knot	Migration	-/E	T	1S													-	Apr-May	Jul-Sep	-
320	Shorebird	Semipalmated sandpiper	Migration	-/C		10S													-	Apr-May	Aug-Sep	-
321	Wading	BC night-heron	Concentration Area	-/T		1													-	-	-	-
	Wading	Glossy ibis	Concentration Area	-/C		3													-	-	-	-
	Wading	Great blue heron	Concentration Area	-/C		2													-	-	-	-
	Wading	Great egret	Concentration Area			6													-	-	-	-
	Wading	Little blue heron	Concentration Area	-/C		1													-	-	-	-
	Wading	Snowy egret	Concentration Area	-/C		6													-	-	-	-
322	Wading	BC night-heron	Nesting	-/T		-													Mar-Jul	-	-	-
	Wading	Cattle egret	Nesting	-/T		-													Apr-Aug	-	-	-
	Wading	Glossy ibis	Nesting	-/C		-													Apr-Aug	-	-	-
	Wading	Little blue heron	Nesting	-/C		-													Apr-Aug	-	-	-
	Wading	Snowy egret	Nesting	-/C		-													Apr-Aug	-	-	-
	Wading	YC night-heron	Nesting	-/T		-													Apr-Aug	-	-	-

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					
508	Diadromous	Alewife	Nursery Area			-													-	-	Jun-Aug	Aug-Oct	-
	Diadromous	Alewife	Spawning Area			-													Mar-Jun	Mar-Jun	-	-	Mar-Jun
	Diadromous	American shad	Nursery Area			-													-	-	Jun-Aug	Aug-Oct	-
	Diadromous	American shad	Spawning Area			-													Mar-Jun	Mar-Jun	-	-	Mar-Jun
	Diadromous	Blueback herring	Nursery Area			-													-	-	Jun-Aug	Aug-Oct	-
	Diadromous	Blueback herring	Spawning Area			-													Mar-Jun	Mar-Jun	-	-	Mar-Jun
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
513	Diadromous	Alewife	Migration			-													-	-	-	-	Mar-Jun
	Diadromous	American shad	Migration			-													-	-	-	-	Mar-Jun
	Diadromous	Blueback herring	Migration			-													-	-	-	-	Mar-Jun

HABITATS & RARE PLANTS

Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence											
							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/-		-												-
530	Wetland	Rare wetland community	Vulnerable Occurrence			-												-
534	Plant	Threatened plant	Vulnerable Occurrence	T/-		-												-
	Upland	Rare upland community	Vulnerable Occurrence			-												-

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
594	Reptile	Threatened reptile 3	Vulnerable Occurrence	T/-		-													Apr-Aug	Jun-Sep	-	Jan-Dec	Jan-Dec
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					
624	Crab	Horseshoe crab	Spawning Area			-													May-Jun	May-Jul	-	-	May-Jun
641	Crab	Horseshoe crab	Spawning Area			High													May-Jun	May-Jul	-	-	May-Jun
664	Bivalve	Northern quahog	Concentration Area			Historic													Jun-Sep	Jun-Sep	Jun-Sep	Jan-Dec	Jan-Dec
	Bivalve	Softshell clam	Concentration Area			Historic													May-Oct	May-Oct	May-Oct	Jan-Dec	Jan-Dec
665	Crab	Blue crab	Spawning Area			High													-	Jun-Oct	-	-	-

WIDESPREAD IN MAPPED AREA (> 10 SQUARE KILOMETERS)


BIRDS

	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				
	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)




FISH

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
	Diadromous	Alewife												-	-	-	Jan-Dec	Feb-Jun
		Alewife												-	-	Jun-Jul	Apr-Nov	Mar-Jun
		American eel												-	-	-	Jan-Dec	Sep-Nov
		American eel												-	-	Apr-Aug	Jan-Dec	Sep-Nov
		American shad												-	-	-	Apr-Jun	Apr-May
		American shad												-	-	-	Jan-Dec	Apr-Aug
		Blueback herring												-	-	May-Jun	May-Nov	Mar-Jul
		Blueback herring												-	-	-	May-Nov	Mar-Jul
		Striped bass												-	-	-	Jan-Dec	Jan-Dec
		Atlantic croaker												-	-	Sep-Nov	Jul-Nov	Jul-Nov
	Estuarine Nursery	Atlantic herring												-	-	Apr-May	Jan-May	Jan-May
		Atlantic menhaden												May-Oct*	May-Oct*	May-Oct*	Apr-Nov	Apr-Nov
		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	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 kingfish												-	-	-	Jun-Oct	Jun-Oct
		Northern puffer												May-Aug	Jun-Oct	Jun-Oct	May-Oct	May-Oct
		Scup												Jul	Jul	Jul	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												-	-	-	Jan-Dec	Jan-Dec
		White perch												May-Jun	May-Jun	May-Jun	Jan-Dec	Jan-Dec
		Windowpane												Apr-Jul	Apr-Jul	Apr-Oct	Jan-Dec	Jan-Dec

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>
			J	F	M	A	M	J	J	A	S	O	N	D					
	Estuarine Resident	Windowpane													-	-	Apr-Nov	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
	Marine Benthic	American sand lance													Nov-Apr	Nov-Apr	Nov-Apr	Nov-Apr	Nov-Apr
		Atlantic cod													-	-	-	Nov-Apr	-
		Atlantic tomcod													Dec-Feb	Dec-Mar	Jan-Aug	Jan-Dec	Jan-Dec
		Atlantic tomcod													-	-	-	Jan-Dec	Jan-Dec
		Pollock													-	-	-	Mar-Jun	-
	Marine Pelagic	Red hake													-	-	-	Nov-May	Nov-May
		Smooth dogfish													May-Jun	May-Oct	-	Apr-Oct	Apr-Oct
		Tautog													-	Jun	Jun	Apr-Dec	Apr-Nov
		Tautog													May	May	May	Jan-Dec	Apr-Nov
		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>
			J	F	M	A	M	J	J	A	S	O	N	D					
	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	-	-	Jan-Dec	Jan-Dec
		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>
			J	F	M	A	M	J	J	A	S	O	N	D				
	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	527.69	0.82
	10B	Freshwater Marshes	72.43	0.11
	10C	Swamps	179.02	0.28
	10D	Scrub and Shrub Wetlands	7.21	0.01
	9A	Sheltered Tidal Flats	20.27	0.03
	7	Exposed Tidal Flats	45.17	0.07

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	33,754.51	20.97	26%
	10D	Scrub and Shrub Wetlands	224.89	0.14	< 1%
	9A	Sheltered Tidal Flats	2,686.70	1.67	2%
	9B	Vegetated Low Banks	48,563.67	30.18	38%
	8B	Sheltered, Solid Man-Made Structures	9,061.02	5.63	7%
	8C	Sheltered Riprap	1,061.33	0.66	1%
	7	Exposed Tidal Flats	4,976.34	3.09	4%
	6B	Riprap	5,045.00	3.13	4%
	5	Mixed Sand and Gravel Beaches	8,437.19	5.24	7%
	4	Coarse Grained Sand Beaches	6,855.63	4.26	5%
	3A	Fine to Medium Grained Sand Beaches	3,151.34	1.96	2%
	1B	Exposed, Solid Man-Made Structures	4,012.18	2.49	3%

Total ESI Shoreline:	127,829.81	Total ESI Shoreline:	79.43
Total Shoreline:	79,389.74	Total Shoreline:	49.33

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

