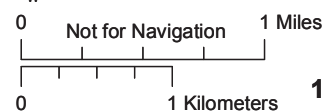


**Map 26A**  
**NY/ NJ Metropolitan Area**



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



**1:50,000**



**Map 26A**  
**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				
260	Raptor	Endangered raptor 2	Nesting	T/E		1 Pair													-	-	-	-
290	Raptor	Threatened raptor	Nesting	-/T		1 Pair													Apr-Jul	-	-	-
332	Wading	BC night-heron	Nesting	-/T		-													Mar-Jul	-	-	-
334	Bird	Colonial waterbirds	Roosting			-													-	-	-	-
	Wading	Great egret	Roosting			50													-	-	-	-
352	Waterfowl	Brant	Wintering			-													-	-	-	-
	Waterfowl	Bufflehead	Wintering			-													-	-	-	-
	Waterfowl	Canada goose	Wintering			-													-	-	-	-
	Waterfowl	Common merganser	Wintering			-													-	-	-	-
	Waterfowl	Ruddy duck	Wintering			-													-	-	-	-
	Waterfowl	Scaup	Wintering			-													-	-	-	-
	Waterfowl	Waterfowl	Wintering			-													-	-	-	-
357	Gull/Tern	Least tern	Nesting	T/E		-													May-Sep	-	-	-
	Shorebird	Piping plover	Nesting	E/E	T	-													Apr-Aug	-	-	-
366	Gull/Tern	Common tern	Nesting	T/C		-													May-Sep	-	-	-
	Waterfowl	Brant	Wintering			-													-	-	-	-
	Waterfowl	Bufflehead	Wintering			-													-	-	-	-
	Waterfowl	Canada goose	Wintering			-													-	-	-	-
	Waterfowl	Common merganser	Wintering			-													-	-	-	-
	Waterfowl	Ruddy duck	Wintering			-													-	-	-	-
	Waterfowl	Scaup	Wintering			-													-	-	-	-
	Waterfowl	Waterfowl	Wintering			-													-	-	-	-
367	Wading	BC night-heron	Concentration Area	-/T		1													-	-	-	-
	Wading	Great blue heron	Concentration Area	-/C		6													-	-	-	-
	Wading	Great egret	Concentration Area			7													-	-	-	-
	Wading	Green heron	Concentration Area			1													-	-	-	-
	Wading	Snowy egret	Concentration Area	-/C		1													-	-	-	-

**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					
379	Diadromous	Atlantic sturgeon	Migration	-/E	E	High													-	-	-	May-Jul	May-Jul
414	Diadromous	Atlantic sturgeon	Concentration Area	-/E	E	High													-	-	-	May-Nov*	-
514	Diadromous	Atlantic sturgeon	General Distribution	-/E	E	Medium													-	-	-	Jan-Dec	Oct-Jun
515	Diadromous	Alewife	Migration			-													-	-	-	-	Mar-Jun
	Diadromous	Blueback herring	Migration			-													-	-	-	-	Mar-Jun
517	Diadromous	Atlantic sturgeon	General Distribution	-/E	E	Low													-	-	-	Jan-Dec	Oct-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
526	Wetland	Seabeach amaranth	Vulnerable Occurrence	T/E	T	-												-

## REPTILES & AMPHIBIANS

Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence											
							J	F	M	A	M	J	J	A	S	O	N	D
560	Turtle	Green sea turtle	General Distribution	T/T	T	-												-
	Turtle	K. ridley sea turtle	General Distribution	E/E	E	-												-
	Turtle	Leatherback sea turtle	General Distribution	E/E	E	-												-
	Turtle	Loggerhead sea turtle	General Distribution	T/E	T	-												-
605	Turtle	N. diamondback terrapin	Vulnerable Occurrence			-												-

## INVERTEBRATES

Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence											
							J	F	M	A	M	J	J	A	S	O	N	D
624	Crab	Horseshoe crab	Spawning Area			-												-
669	Bivalve	Softshell clam	Concentration Area			Historic												-

## MARINE MAMMALS

Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence											
							J	F	M	A	M	J	J	A	S	O	N	D
686	Whale	Fin whale	General Distribution	E/E	E	Common												-
	Whale	Humpback whale	General Distribution	E/E	E	Common												-
	Whale	N.A. right whale	General Distribution	E/E	E	Uncommon, Regular												-

## WIDESPREAD IN MAPPED AREA ( > 10 SQUARE KILOMETERS )

## BIRDS





Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence											
						J	F	M	A	M	J	J	A	S	O	N	D
1	Waterfowl	Brant	Wintering		1000S												-
		Bufflehead	Wintering		100S												-
		Canada goose	Wintering		1000S												-
		Common merganser	Wintering		1000S												-
		Ruddy duck	Wintering		1000S												-
		Scaup	Wintering		1000S												-
		Waterfowl	Wintering		100S												-

## INVERTEBRATES



Subelement	Species	Mapping Qualifier	S	F	Concentration	Monthly Presence											
						J	F	M	A	M	J	J	A	S	O	N	D
1	Bivalve	Northern quahog	Concentration Area		Historic												-

ALSO PRESENT IN MAPPED AREA (GENERAL DISTRIBUTION)





BIRDS

	<i>Subelement</i>	<i>Species</i>	<i>Monthly Presence</i>												<i>Nest</i>	<i>Mig.(S)</i>	<i>Mig.(F)</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>				
	Alcid	Razorbill													-	-	-	-
	Gull/Tern	Bonaparte's gull													-	-	-	-
		G. black-backed gull													-	-	-	-
		Herring gull													-	-	-	-
		Laughing gull													-	-	-	-
	Pelagic	Northern gannet													-	-	-	-
	Waterfowl	Black scoter													-	-	-	-
		Common eider													-	-	-	-
		Long-tailed duck													-	-	-	-
		Surf scoter													-	-	-	-
		Waterfowl													-	-	-	-
		White-winged scoter													-	-	-	-



FISH

	<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>					
	Diadromous	Alewife													-	-	-	Nov-Apr	Nov-Apr
		Alewife													-	-	Jun-Jul	Apr-Nov	Mar-Jun
		American eel													-	-	Jan-Feb	-	Sep-Dec
		American eel													-	-	-	Jan-Dec	Sep-Nov
		American eel													-	-	Apr-Aug	Jan-Dec	Sep-Nov
		American shad													-	-	-	Nov-Apr	Nov-Apr
		Blueback herring													-	-	-	Nov-Apr	Nov-Apr
		Blueback herring													-	-	May-Jun	May-Nov	Mar-Jul
		Striped bass													-	-	-	Jan-Dec	Jan-Dec
		Striped bass													-	-	-	Mar-Nov	Mar-Nov
	Estuarine Nursery	Atlantic croaker													-	-	-	-	Jun-Dec
		Atlantic herring													-	-	-	Nov-May	Nov-May
		Atlantic herring													-	-	Apr-May	Jan-May	Jan-May
		Atlantic menhaden													Sep-Dec	Sep-Dec	Oct-Dec	Oct-Apr	Oct-Apr
		Atlantic menhaden													-	-	Apr-Jul	Apr-Nov	May-Nov
		Bay anchovy													May-Nov	May-Nov	May-Dec	Jan-Dec	Jan-Dec
		Bay anchovy													May-Aug	May-Aug	May-Aug	Jul-Dec	May-Nov
		Black drum													-	-	-	-	Mar-Oct
		Black sea bass													May-Oct	May-Oct	May-Nov	Mar-Nov	Mar-Nov
		Bluefish													-	-	-	May-Nov	May-Nov
		Bluefish													-	-	-	May-Oct	May-Oct
		Northern kingfish													-	-	-	Jun-Nov	Jun-Nov
		Northern kingfish													-	-	-	Jun-Oct	Jun-Oct
		Scup													-	-	-	Apr-Dec	Apr-Dec
		Scup													-	-	-	Jun-Oct	Jun-Oct
		Spot													-	-	-	Jun-Nov	Jun-Nov

**FISH (continued)**

Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
		J	F	M	A	M	J	J	A	S	O	N	D					
 Estuarine Resident	Spot													-	-	-	Sep-Nov	Jun-Nov
	Summer flounder													Sep-Nov	Sep-Nov	Sep-Dec	Apr-Nov	Apr-Nov
	Summer flounder													-	-	-	May-Oct	May-Oct
	Weakfish													Apr-Sep	Apr-Sep	May-Sep	Apr-Nov	Apr-Nov
	Weakfish													Jun-Aug	Jun-Aug	Jun-Aug	Jun-Nov	May-Dec
	White perch													May-Jun	May-Jun	May-Jun	Jan-Dec	Jan-Dec
	Windowpane													Mar-Nov*	Mar-Nov*	Apr-Nov*	Jan-Dec	Jan-Dec
	Windowpane													-	-	Apr-Nov	Jan-Dec	Jan-Dec
	Winter flounder													-	-	-	Jan-Dec	Jan-Dec
	Winter flounder													Nov-Apr	Nov-Apr	Nov-May	Jan-Dec	Oct-Jun
 Marine Benthic	Atlantic silverside													-	-	-	Jan-Apr	Jan-Apr
	Killifish													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	Silversides													May-Aug	May-Aug	May-Aug	Jan-Dec	Jan-Dec
	American sand lance													-	-	Nov-Apr	Nov-Apr	Nov-Apr
	American sand lance													-	-	-	-	Oct-Jun
	Atlantic cod													-	-	-	Nov-Apr	Nov-Apr
	Atlantic tomcod													Dec-Feb	Dec-Mar	Jan-Aug	Jan-Dec	Jan-Dec
	Cleannose skate													-	-	-	Apr-Nov	Apr-Nov
	Goosefish													-	-	-	-	Jan-Jun
	Little skate													Jan-Dec	Jan-Dec	-	Jan-Dec	Jan-Dec
 Marine Pelagic	Ocean pout													-	-	-	Dec-Aug	Dec-Aug
	Red hake													Jun-Sep	Jun-Sep	Jul-Oct	Jan-Dec	Jan-Dec
	Silver hake													May-Oct	May-Oct	May-Oct	Jan-Dec	Jan-Dec
	Smooth dogfish													May-Jun	May-Oct	-	Apr-Oct	Apr-Oct
	Tautog													May-Aug	May-Aug	Jun-Aug	Jan-Dec	Jan-Dec
	Tautog													May-Aug	May-Aug	Jun-Aug	Mar-Nov	Mar-Nov
	Tautog													-	Jun	Jun	Apr-Dec	Apr-Nov
	Winter skate													-	-	-	Sep-May	Sep-Nov
	Atlantic mackerel													-	-	-	Nov-Apr*	Nov-Apr*
	Bluefin tuna													-	-	-	Jun-Sep	-
 Marine Pelagic	Butterfish													May-Aug	May-Aug	May-Oct	May-Dec	May-Dec
	Dusky shark													-	-	-	May-Sep	May-Sep
	Sand tiger													-	-	-	Jun-Oct	-
	Sandbar shark													-	-	-	Jun-Oct	Jun-Oct
	Shortfin mako													-	-	-	May-Oct	May-Oct
	Skipjack tuna													-	-	-	Jun-Sep	Jun-Sep
	Spiny dogfish													-	-	-	Oct-Apr	Oct-Apr
	Thresher shark													-	-	-	May-Nov	May-Nov
	Tiger shark													-	-	-	Jul-Oct	-

## 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	Atlantic surfclam													Jun-Oct*	Jun-Oct*	Jun-Oct*	Jan-Dec	Jan-Dec
	Cephalopod	Longfin squid													-	-	-	-	Jan-Dec
	Crab	Blue crab													-	-	Jun-Oct	-	Aug-Mar
		Blue crab													May-Oct	-	-	Jan-Dec	Jan-Dec
		Horseshoe crab													-	-	-	Jan-Dec	Jan-Dec
		Horseshoe crab													-	-	-	Aug-Mar	Aug-Mar
	Lobster	American lobster													-	-	-	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](https://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	362.58	0.57
	10B	Freshwater Marshes	66.32	0.10
	10C	Swamps	409.56	0.64
	10D	Scrub and Shrub Wetlands	75.99	0.12
	9A	Sheltered Tidal Flats	10.49	0.02
	7	Exposed Tidal Flats	70.95	0.11

### 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	37,304.77	23.18	18%
	10B	Freshwater Marshes	128.46	0.08	< 1%
	10C	Swamps	1,095.27	0.68	1%
	10D	Scrub and Shrub Wetlands	657.36	0.41	< 1%
	9A	Sheltered Tidal Flats	2,969.71	1.85	1%
	9B	Vegetated Low Banks	71,433.17	44.39	35%
	8A	Sheltered, Impermeable, Rocky Shores	473.48	0.29	< 1%
	8B	Sheltered, Solid Man-Made Structures	50,667.68	31.48	25%
	8C	Sheltered Riprap	1,276.44	0.79	1%
	7	Exposed Tidal Flats	395.03	0.25	< 1%
	6B	Riprap	6,817.37	4.24	3%
	5	Mixed Sand and Gravel Beaches	1,379.27	0.86	1%
	4	Coarse Grained Sand Beaches	8,664.67	5.38	4%
	3A	Fine to Medium Grained Sand Beaches	17,812.36	11.07	9%
	1B	Exposed, Solid Man-Made Structures	3,714.49	2.31	2%

Total ESI Shoreline:	204,789.53	Total ESI Shoreline:	127.25
Total Shoreline:	144,130.82	Total Shoreline:	89.56

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](https://response.restoration.noaa.gov)

