

Map 23C

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 23C
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				
311	Waterfowl	Canada goose	Wintering			10000S													-	-	-	-
	Waterfowl	Waterfowl	Wintering			100S													-	-	-	-
317	Waterfowl	Canada goose	Wintering			1000S													-	-	-	-
	Waterfowl	Common merganser	Wintering			100S													-	-	-	-
	Waterfowl	Snow goose	Wintering			100S													-	-	-	-
	Waterfowl	Waterfowl	Wintering			100S													-	-	-	-
318	Wading	Great blue heron	Nesting	-C		-													Mar-Jul	-	-	-

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					
500	Diadromous	Alewife	Nursery Area			-													-	-	Jun-Aug	Aug-Oct	-
	Diadromous	Alewife	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
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

HABITATS & RARE PLANTS

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					
520	Plant	Endangered plant	Vulnerable Occurrence	E/E		-													-	-	-	-	-
536	Wetland	Vernal pool	Vulnerable Occurrence			-													-	-	-	-	-
538	Wetland	Swamp-pink	Vulnerable Occurrence	-E	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					
600	Turtle	Wood turtle	Vulnerable Occurrence	C/T		-													-	-	-	Mar-Nov	Mar-Nov
608	Turtle	Spotted turtle	Vulnerable Occurrence	C/C		-													-	-	-	Mar-Nov	Mar-Nov

INVERTEBRATES

Monthly Presence																							
Map ID	Subelement	Species	Mapping Qualifier	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	Spawn	Eggs	Larvae	Juveniles	Adults
663	Insect	Myrina Fritillary	Vulnerable Occurrence	-	T	-													May-Sep	May-Sep	Jan-Dec	-	May-Sep


WIDESPREAD IN MAPPED AREA (> 10 SQUARE KILOMETERS)

HABITATS & RARE PLANTS

	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					
	Plant	Rare plant	Vulnerable Occurrence	C	C	-													-	-	-	-	-

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				
	Waterfowl	Waterfowl													-	-	-	-

FISH

	Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
			J	F	M	A	M	J	J	A	S	O	N	D					
	Diadromous	American eel													-	-	-	Jan-Dec	Sep-Nov


INVERTEBRATES

	Subelement	Species	Monthly Presence												Spawn	Eggs	Larvae	Juveniles	Adults
			J	F	M	A	M	J	J	A	S	O	N	D					
	Crab	Blue crab													May-Oct	-	-	Jan-Dec	Jan-Dec


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	2.89	0.00
	10B	Freshwater Marshes	33.24	0.05
	10C	Swamps	818.87	1.28
	10D	Scrub and Shrub Wetlands	122.05	0.19

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	204.71	0.13	1%
	10B	Freshwater Marshes	1,814.61	1.13	6%
	10C	Swamps	2,188.92	1.36	7%
	10D	Scrub and Shrub Wetlands	842.52	0.52	3%
	9B	Vegetated Low Banks	27,146.43	16.87	83%
	8B	Sheltered, Solid Man-Made Structures	500.28	0.31	2%
	8C	Sheltered Riprap	43.28	0.03	< 1%

Total ESI Shoreline:	32,740.74	Total ESI Shoreline:	20.34
Total Shoreline:	27,689.99	Total Shoreline:	17.21

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

