

# Wampum Lake Population Survey



Located in Thornton on Thornton-Lansing Rd. 1½ mile west of Torrence Ave. Wampum Lake is 35-acres in size and has a maximum depth of 14.1 feet. Northern Pike, Largemouth Bass, Bluegill, crappie, and bullheads make up the bulk of the population at this lake. A small population of Grass Pickerel is here and may be confused with young Northern Pike and if you are lucky, you might hook a Bowfin that came in from Thorn Creek. Nine bump-outs are located on the south and west shore allowing better access to deep water. Designated ice fishing lake.

## Fish Population Survey

Fish population surveys are periodically conducted on Forest Preserves lakes in order to assess the health of the lake and the fish population in it. Surveys last anywhere from a few hours to a few days depending on the size of the lake.

Fish are collected during surveys to assess the health of the population. Several methods are used to collect fish, these include experimental gill nets, Fyke or trap nets and the use of an electro-fishing boat. All fish collected are measured, weighed and a scale sample is collected when applicable. These scale samples are used to age the fish. All fish are then returned to the lake when possible.

Water samples are collected and analyzed for each survey. The information collected over the years will show trends in the lake's health. If any unusual readings are found, further tests may be done, or the Illinois DNR and EPA may be asked to investigate.

The information listed below was collected during the most recent survey. It is only a snapshot in time. Many factors such as temperature, wind, rain and even moonlight can affect the species and number of fish that are collected. The Forest Preserves' Fisheries Section looks at data from many years when assessing a lake's fish population and assumptions from just one year of data therefore should not be made.

The dates of the survey along with the type of equipment used and the length of time it was fished is listed below. The "Total Population" tables & charts show all species collected and includes not only game fish but also forage fish. A healthy balanced population of forage fish and predatory (game) fish is needed in order to support a healthy overall fish population. Ideally, 30 to 40% of a lake's total fish population should be made up of forage fish in order to support a healthy predatory fish population. The species of forage fish varies from lake to lake, Gizzard Shad may be the main forage fish in one lake, while Bluegill/sunfish may be the main forage fish in another

Individual species tables are included only for the game fish that were collected. Game fish are those fish most sought after by anglers.

# Wampum Lake Population Survey

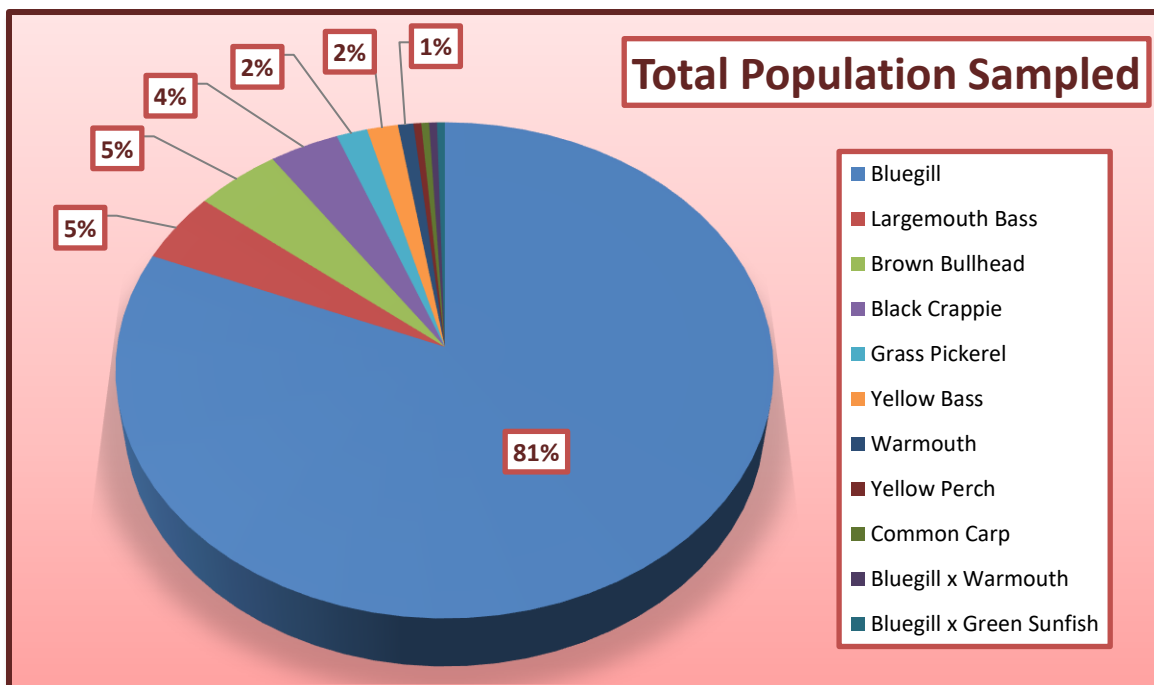


**Date of survey: June – July 2, 2020**  
**Electro-fishing time: 45 minutes**  
**4 Fyke nets fished: 48 hours\***  
**0 feet of gill net fished: 0 hours**

## Total Population Sampled

Species	Number	Percent
Bluegill	195	81.25%
Largemouth Bass	11	4.58%
Brown Bullhead	11	4.58%
Black Crappie	9	3.75%
Grass Pickerel	4	1.67%
Yellow Bass	4	1.67%
Warmouth	2	0.83%
Yellow Perch	1	0.42%
Common Carp	1	0.42%
Bluegill x Warmouth Hybrid	1	0.42%
Bluegill x Green Sunfish Hybrid	1	0.42%
<b>Total</b>	<b>240</b>	<b>100.01%</b>

- \* 3 Fyke nets were fish for 48 hours. The fourth Fyke net was damages by Snapping Turtles and was pulled after 24 hours



# Wampum Lake Population Survey



## Bluegill

1/2-Inch Group	Number Collected	% of Population	Average Weight lbs.	Age
3.0	28	14.36%	0.02	1+
3.5	79	40.51%	0.03	1-2+
4.0	36	18.46%	0.04	2+
4.5	15	7.69%	0.06	2+
5.0	32	16.41%	0.07	3+
5.5	1	0.51%	0.14	4+
-	-	-	-	-
6.5	1	0.51%	0.22	4+
-	-	-	-	-
8.0	1	0.51%	0.43	6+
-	-	-	-	-
10.0	2	1.03%	0.91	7+
<b>Totals</b>	<b>195</b>	<b>99.99%</b>		

## Largemouth Bass

1/2-Inch Group	Number Collected	% of Population	Average Weight lbs.	Age
4.5	2	18.18%	0.04	1+
5.0	5	45.45%	0.06	1+
5.5	1	9.09%	0.06	1+
6.0	1	9.09%	0.08	1+
-	-	-	-	-
9.0	1	9.09%	0.39	2+
-	-	-	-	-
11.0	1	9.09%	0.64	3+
<b>Totals</b>	<b>11</b>	<b>99.99%</b>		

# Wampum Lake Population Survey



## Brown Bullhead

1/2-Inch Group	Number Collected	% of Population	Average Weight lbs.	Age
7.0	1	9.09%	0.22	NA
-	-	-	-	-
9.5	3	27.27%	0.51	NA
-	-	-	-	-
10.5	1	9.09%	0.57	NA
11.0	2	18.18%	0.63	NA
-	-	-	-	-
12.0	4	36.36%	0.84	NA
<b>Totals</b>	<b>4</b>	<b>99.99%</b>		

## Black Crappie

1/2-Inch Group	Number Collected	% of Population	Average Weight lbs.	Age
6.0	2	22.22%	0.10	1+
6.5	4	44.44%	0.14	1+
-	-	-	-	-
7.5	1	11.11%	0.21	2+
-	-	-	-	-
8.5	1	11.11%	0.32	4+
-	-	-	-	-
10.0	1	11.11%	0.54	4+
<b>Totals</b>	<b>9</b>	<b>99.99%</b>		

# Wampum Lake Population Survey



## Grass Pickerel

1/2-Inch Group	Number Collected	% of Population	Average Weight lbs.	Age
5.5	1	25.00%	0.05	1+
-	-	-	-	-
7.5	1	25.00%	0.12	1+
-	-	-	-	-
9.0	1	25.00%	0.21	3+
-	-	-	-	-
11.5	1	25.00%	0.39	3+
<b>Totals</b>	<b>4</b>	<b>100.00%</b>		

## Yellow Bullhead

1/2-Inch Group	Number Collected	% of Population	Average Weight lbs.	Age
7.5	1	25.00%	0.19	NA
-	-	-	-	-
9.5	1	25.00%	0.56	NA
-	-	-	-	-
10.5	2	50.00%	0.63	NA
<b>Totals</b>	<b>4</b>	<b>100.00%</b>		

## Other Species Collected

Species	Number	Length	Weight	Age
Warmouth	2	5.0 – 5.5	0.08-0.13	3+
Yellow Perch	1	6.0	0.09	2+
Common Carp	1	31.0	18.08	3+
Bluegill x Warmouth Hybrid	1	4.5	0.06	2+
Bluegill x Green Sunfish Hybrid	1	3.5	0.03	2+

# Wampum Lake Population Survey



## Stocking

The Forest Preserves of Cook County works closely with the Illinois Department of Natural Resources to stock fishes within the Forest Preserves lakes. The decision to stock fish and the number of fish stocked is based on many factors including but not limited to type of species, size of fish stocked, size of the lake and type of stocking. The Forest Preserves of Cook County must follow State of Illinois regulation regarding the introduction and stocking of fish. All requests to stock a new species into a District lake must go through the State’s Management Recommendation Committee.

Most stocking fall under one of three categories, introduction, supplemental and put-and-take. Introduction stockings are the introduction of a new species within an existing lake or the stocking of a new body of water. Supplemental stockings are the stocking of species already in a lake and are used to supplement a species that may not successively reproduce on its own or has been overfished. Fish stocked in a put-and-take stocking are catchable size fish.

## Size of Fish Stocked

Most of the fish stocked in the lakes of the Forest Preserves of Cook County are young-of-the-year and are provided by the IDNR Hatcheries. Fish from the hatcheries are stocked upon availability and are funded by your fishing licenses.

Bluegill are stocked at 1/2 to 3/4-inch.

Channel Catfish are stocked at around 6-inches in most lakes.

The IDNR suspended the production, rearing and stocking of Northern Pike in 2017, Northern stocking resumed in 2020 and were stocked in the 7 to 9-inch range. Muskellunge range from 10 to 14-inches and are stocked in the Main Pool of Busse Reservoir intermittently.

Species	2019	2020	2021	2022	2023
Channel Catfish	-	-	-	-	-
Northern Pike	-	140	143	144	140
Bluegill	16,935	29,189	21,134	-	-