



# Green Lake

## FISHERIES STATUS SUMMARY

**LOCATION** – Green Lake is located in Cricket Creek Forest Preserve near Addison, IL (DuPage County) with the closest parking off of Fullerton Ave. Additional parking is located off of Rt. 83 (A half mile walk on path, Look for signs off frontage road).

**DESCRIPTION** – Green Lake is a 9 acre dug flood control pond in the Cricket Creek Forest Preserve. It receives road runoff from Rt. 83 and is periodically flooded by Salt Creek. Green Lake has an hourglass shape and each of its basins have been equipped with several fish attractors to create structural habitat for invertebrates and fish (see map on reverse side). The lake has a maximum depth of 10.0 ft., an average depth of 6.0 ft., and a storage capacity of 54.1 acre-feet of water at normal water level. There is a crushed limestone walking/bike path around the lake for access from the two parking areas. There are two other ponds at the forest preserve.

**MANAGEMENT ACTIVITIES:** Green Lake has been under management by the FPDDC Fishery Ecologist to provide a quality sport fishing opportunity. In 1984, the FPDDC entered into a cooperative management agreement with the Illinois Department of Natural Resources to facilitate management activities. The fish community in this pond is sampled every four years. Largemouth bass and channel catfish are stocked when needed. Dupage County staff may treat this pond's vegetation when needed.

**STATUS OF THE SPORT FISHERY** – According to our 2017 spring electrofishing survey, Green Lake has a fairly low abundance of largemouth bass and a very abundant bluegill population. The lake is overpopulated with carp. Easy shore access and fish attractors should provide ample opportunities for a quality fishing experience.

**LARGEMOUTH BASS** – Twenty largemouth bass were captured at a rate of 48 fish per hour. This is a small sample size to make population level speculations from. Eleven of the twenty fish were longer than twelve inches, suggesting fish capable of spawning are present in the sample. Bass ranged in length from 5.0 to 15.9 inches with the heaviest fish weighing 2.9 pounds. This lake's connection to Salt Creek has allowed multiple forage species (gizzard shad, pumpkinseed, and golden shiner) entry into the lake to help diversify the diet of the largemouth bass. The lake was stocked with 250 four to eight inch largemouth bass in 2017 to supplement natural reproduction.

**BLUEGILL** – The bluegill catch rate of 455 fish per hour indicates a very abundant population. We like to see a catch rate around 120 fish per hour in a healthy bluegill population. The bluegill catch rate was higher than it was in 2013 when the catch rate was over 304 fish per hour. Bluegill ranged in length from 1.6 to 6.4 inches, with an average length of 4.6 inches (Table 2). Only two fish in the sample were longer than six inches.

**BLACK CRAPPIE** – Four black crappies were captured in this survey, the largest crappie in the survey was 4.9 inches long. This lake is not stocked with or managed for crappie at this time. Small lakes in the area tend to show large fluctuations in crappie catch and they can overpopulate a lake easily without the proper predator balance.

**CHANNEL CATFISH** – Channel catfish were not collected the last two spring electrofishing surveys despite several stockings in recent years.

**ADDITIONAL FISH SPECIES:** In addition to species listed above; common carp, gizzard shad, green sunfish, goldfish, pumpkinseed, redear sunfish, black bullhead and yellow bullhead were also present in the sample.

**2017 Green Lake Electrofishing Survey Results - 25 minutes DC electrofishing**

Species	Number Collected	Length (Inches)			Weight (pounds)	
		Min	Max	Avg.	Min	Max
Common carp	123	6.38	22.36	12.39	0.16	5.72
Bluegill	76	1.57	6.38	4.62	0.04	0.20
Gizzard shad	28	3.94	9.84	6.43	0.03	0.33
Largemouth bass	20	5.00	15.94	10.52	0.04	2.92
Black crappie	4	4.57	4.92	4.77		
Green sunfish	4	3.54	4.88	4.33	0.05	0.05
Goldfish	3	5.71	7.48	6.50		
Pumpkinseed	2	3.90	4.41	4.15	0.07	0.07
Redear sunfish	2	3.82	4.09	3.96		
Black bullhead	1	6.89	6.89	6.89	0.15	0.15
Yellow bullhead	1	6.89	6.89	6.89	0.15	0.15
<b>Total # collected</b>	<b>264</b>					

**List of new regulations for all FPDDC lakes and ponds:**

Two pole and line fishing only.

\*Largemouth Bass – 14-18-inch protected slot limit; 4 fish daily creel limit with 3 fish that can be harvested under 14 inches and 1 fish 18 inches and larger.

\*Bluegill – No minimum length limit; 25 fish daily creel limit

Channel Catfish – 12-inch minimum length limit; 3 fish daily creel limit.

\*White and black crappie – No minimum length limit; 15 fish daily creel limit.

Northern pike – 24-inch minimum length limit; 3 fish daily creel limit (statewide regulation).

\* **indicates new for 2017**

-This map is provided by the Forest Preserve District of DuPage County - "Fishing in Dupage County"

-For more information call the District at (630) 933-7200 or IDNR Fisheries at (815) 675-2386 ext. 214

-For general information about fishing in Illinois go to [www.ifishillinois.org](http://www.ifishillinois.org)

-To purchase your fishing license online go to [www.dnr.illinois.gov](http://www.dnr.illinois.gov)

