



# BROCK LAKE

## FISHERIES STATUS SUMMARY

**LOCATION:** Brock Lake is located 1.2 miles west of Mackinaw, IL at 29550 E. Hoffman Rd. Mackinaw, IL 61755. The lake is the property of the Village of Mackinaw.

**DESCRIPTION :** Brock lake is 10 acres in size. Approx. 0.3 miles of shoreline is accessible to bank fisherman. A gravel boat ramp and dock is present but the lake has an electric motors only restriction. This lake was enrolled into a fisheries Co-Op agreement with IDNR in 2019.

**Status of the Sport Fishery:** In 2019 the Village of Mackinaw enrolled Brock Lake into a Cooperative Fishery Management Agreement with IDNR. The 2019 sampling season will be used as a baseline for future management decisions for the lake. Currently the lake has an overabundance of aquatic rooted vegetation in the shallow areas of the lake consisting primarily of Eurasian milfoil. Future herbicide treatments will aid in thinning the vegetation, which will improve the fishery as well as fishing access from shore.

**Largemouth Bass:** The 2019 fall electrofishing survey collected 102 largemouth bass and revealed a population that was concentrated from 5 to 12 inches in length. No bass over 13 inches were collected. The body condition was fair with an average value of 89. Bass were collected at a rate of 204/hr. indicating a high density population.

**Bluegill:** The bluegill population was sampled by 30 fish in the fall electrofishing survey. They ranged in size from 1 to 8.7 inches in length with an average body condition rating of 94. The current bluegill population is rated as very good. A future improvement in the bass population size structure as well as some aquatic vegetation management would help maintain this good bluegill size structure.

**Black Crappie:** The black crappie population was evaluated by 7 crappie ranging from 9 – 10.5 inches. The body condition was good with a value of 97.

**Channel Catfish:** The channel catfish population was evaluated by 3 catfish ranging from 18 – 21 inches. They had a relative weight value of 99. IDNR will add Brock Lake to the channel catfish stocking schedule starting in 2020.

**Fishing Regulations:**

Species	Size Limit	Creel Limit
Bluegill/Redear Sunfish	None	25/day
White/Black/Hybrid Crappie	None	No Limit
Largemouth Bass	Only 2 being 12" or smaller & 1 being 15" or greater	3 fish/day
Channel Catfish	None	3 fish/day

All fish 2 Pole and line fishing only.  
Electric boat motors only

**CONTACT INFORMATION:**

Mackinaw Township Recreation: (309) 359-5821  
IDNR Fisheries Biologist - Blake Bushman: (309) 435-1010.  
Illinois Fishing Information booklet and IFISHILLINOIS website <http://www.ifishillinois.org/>