



## IDNR Fisheries Lake Status Summary Carlinville Lake #1

**Location:** Resides in central Macoupin County, 3 miles south of Carlinville, Illinois.

**Area:** 155 acres; shoreline length 5.5 miles; watershed 16,678 acres; maximum depth 19 feet; average depth 9 feet.

**Lake history and characteristics:** Carlinville Lake #1 was built in 1939 and entered into a cooperative management agreement with the Illinois Department of Natural Resources in 1995. This agreement was developed to improve fishing opportunities for the angling public. Carlinville Lake #1 currently only allows bank fishing.

**Largemouth Bass:** In 2017, 31 Largemouth Bass ranging from 3.1-15.0" were collected. No Largemouth Bass exceeded 15". Fish less than 6" were collected suggesting that natural reproduction is occurring. The catch rate of 31 bass/hour is 48% less than the goal ( $\geq 60$  bass/hour).

**Bluegill:** Bluegill ranged from 2.0-6.7". Ten fish (26.3%) were over 6". No Bluegill exceeded 7". Bluegill body condition is poor ( $Wr=94$ ). This population is always going to have its challenges competing for food resources with Gizzard Shad.

**Black and White Crappie:** Black and White Crappie are in this lake; however Black Crappie were the dominant species in our 2017 survey. Twenty-eight Black Crappie were collected ranging from 5.5-10.6". All Black Crappie collected exceeded 8", 14.3% of which measured greater than 9", and two fish (7.1%) exceeded 10". Seven White Crappie were collected. All White Crappie exceeded 8". The largest White Crappie measured 11.8". These species are very prolific and can stunt out quickly if they have a successful spawn, therefore harvest is encouraged.

**Channel Catfish:** Eighteen Channel Catfish were collected, measuring 11.8-27.2". Body Condition was low, suggesting that the stocking rate may need to be reduced. Channel Catfish were stocked in 2017 and 2019. IDNR will continue to stock Channel Catfish as hatchery production allows.

**Other fish species:** Other species collected during the population survey included Redear Sunfish, Common Carp, Green Sunfish, Yellow Bullhead, Yellow Bass, Freshwater Drum, and Gizzard Shad.

**Fishing Regulations:** see the Illinois Fishing Information Booklet or [www.IFISHILLINOIS.org](http://www.IFISHILLINOIS.org) for updates.

Two pole and line fishing only and each pole must not have more than 2 hooks or lures attached while fishing.  
Channel catfish - 6 fish daily harvest limit

**Aquatic vegetation and/or chemical treatment:**

- none

**Fisheries Management Activities Completed:**

- Conducted a spring population survey utilizing a standard sampling protocol. (2 – 30 min Pulsed-DC electrofishing runs) 10/10/2017. 212 fish were collected, representing 12 species. Water temperature was 72F.
- Hatchery stocked 3,100 9.3” Channel Catfish on 9/13/2017.
- Hatchery stocked 2,170 7.8” Channel Catfish on 8/7/2019.