



# Alligator Lake 2023

## REEL FACTS

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**General Information:** Alligator Lake is a 16 acre oxbow lake located at Leroy Percy State Park.

**Location:** Leroy Percy State Park is located 5 miles west of Hollandale off Mississippi Highway 12 in Washington County.

**Fishery Management:** Catfish, bream, Largemouth Bass, and Magnolia Crappie

**Purchase a Fishing License:** <http://www.mdwfp.com/license/fishing-license.aspx>

**Leroy Percy State Park Web link:** <http://www.mdwfp.com/parks-destinations/ms-state-parks/leroy-percy.aspx>

### Creel Limits

- 10 catfish per day
- 5 Largemouth Bass per day
- 30 crappie per day
- 100 bream per day.

### Lake and Park Amenities

- Public boat ramp
- Fishing pier
- Cabins
- Primitive and developed camping facilities
- Nature trails
- Playground and picnic area
- Disc golf course
- Wildlife management area

### Fun Fact

Leroy Percy State Park was built in 1930's and is the oldest state park in Mississippi.

### Fish Stockings

2021

Channel Catfish  
300

2018

Channel Catfish  
500

2016

Channel Catfish  
2,400

2015

Blue Catfish  
300

2013

Blue Catfish  
18,500  
Bluegill Sunfish  
5,100

### Sportfishing Tips

#### Largemouth Bass

- Target brush piles, submerged structure, and cypress knees with spinner baits or soft plastics.

#### Catfish

- Fish on the bottom along the southern shoreline with nightcrawlers, chicken liver, or stink bait.

#### Crappie

- In the spring use minnows or brightly colored jigs near piers and structure along the banks.

#### Bream

- Target similar areas as spring crappie with crickets or red worms, especially during late spring and summer.

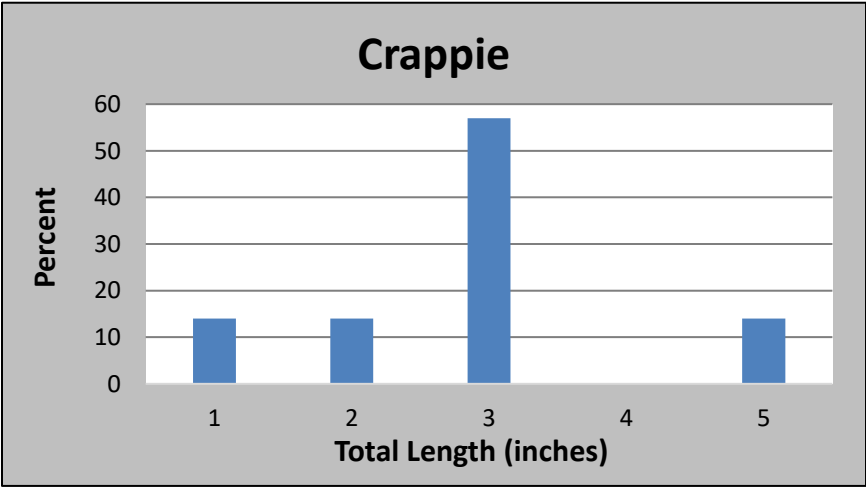
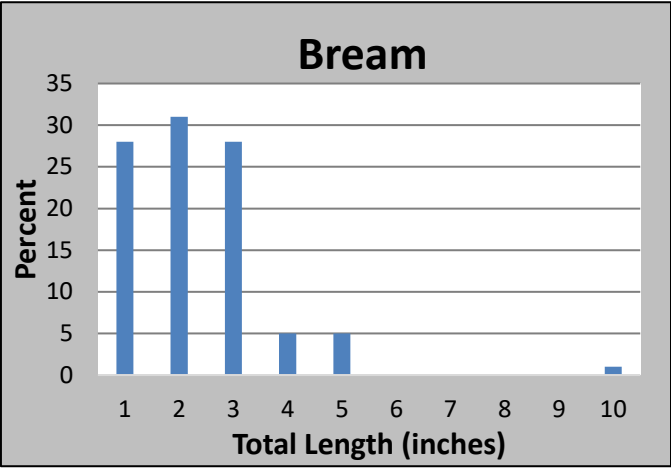
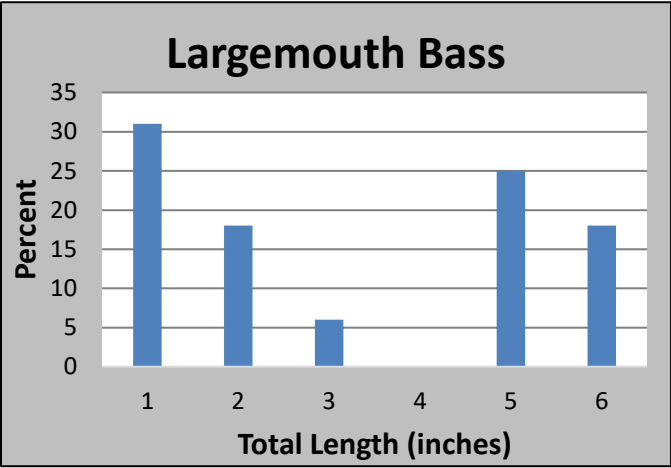
**Below:** Results from the 2022 electrofishing survey on Alligator Lake. Alligator Lake is sampled in the fall every 2-3 years. Catch rate for Largemouth Bass and bream decreased slightly from the 2018 electrofishing survey. Average weights for bass and bream also decreased from the 2018 survey. Catch rates of crappie remained similar.

Species	# of fish collected	% of sample	Average Length (inches)	Maximum Length (inches)	Average Weight (pounds)	Catch Rate Adult fish (fish/mile)
Bluegill Sunfish	54	61	3.3	6.1	0.16	106.3
Largemouth Bass	16	18	11.4	14.1	0.75	34.6
White Crappie	6	7	7.9	9.8	0.2	11.9
Longear Sunfish	5	6	3.4	3.8	.	10.2
Channel Catfish	2	2	14.6	18.5	2.7	5
Green Sunfish	2	2	3.2	4.3	.	4.2
Warmouth	1	1	6.1	6.1	0.2	2.5
Black Crappie	1	1	6.9	6.9	.	1.7
Redear Sunfish	1	1	10.6	10.6	0.9	2.5

**Right:** The fishing pier at Alligator Lake makes for good access without having to bring a boat.



**Below:** Length distributions for sport fish from the 2022 electrofishing survey at Alligator Lake.



**Left:** A view from the banks of Alligator Lake showing the cypress trees that line the shoreline. The cypress knees provide great fish habitat and are good locations to fish around. Alligator Lake gets its name from the resident alligators that are often seen basking on logs or swimming in the lake.



**Above:** An alligator at Leroy Percy State Park.

**Below:** Depth map for Alligator Lake (also known as Brushy Lake).

