Alligator Lake 2026
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: https://licensing.outdoors.ms/?catalogItem=Hunting
Percy State Park Web link: https://www.mdwfp.com/parks-destinations/park/leroy-percy-state-park

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

2024
Channel Catfish
500

2023
Channel Catfish
300

2021
Channel Catfish
300

2018
Channel Catfish
500

2016
Channel Catfish
2,400

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.

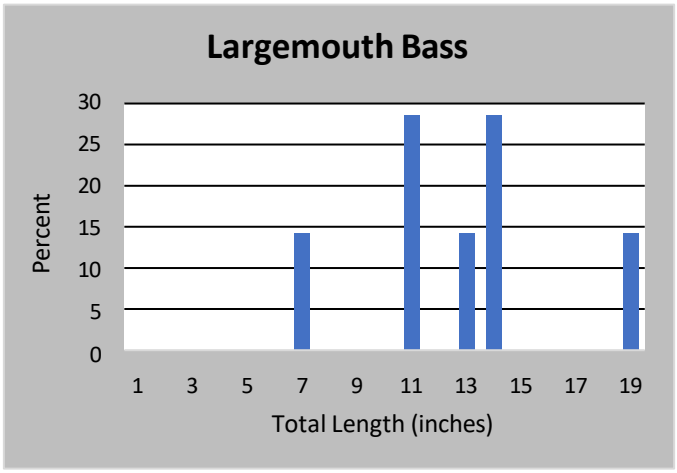
Below: Results from the 2023 electrofishing survey on Alligator Lake. Alligator Lake is sampled in the fall every 2-3 years. Catch rate for Largemouth Bass, crappie and bream decreased slightly from the 2022 electrofishing survey. Average weights for bass increased, while bream saw a slight decrease from the 2022 survey. Average weight for crappie also had a slight increase.

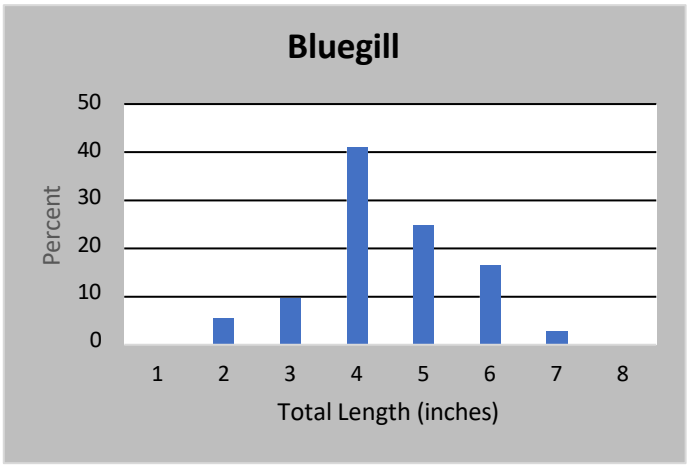
Species	# of fish collected	% of sample	Average Length (inches)	Maximum Length (inches)	Average Weight (pounds)	Catch Rate Adult fish (fish/mile)
Bluegill Sunfish	73	62	4.0	6.4	0.1	94
Green Sunfish	10	9	3.7	5.4	0.1	10
Warmouth	10	9	4.1	8.0	0.4	7
Largemouth Bass	7	6	12.2	18.5	1.8	9
White Crappie	6	5	5.5	8.0	0.3	4
Longear Sunfish	4	3	3.8	4.4	.	4
Black Crappie	3	3	7.7	9.3	0.3	4
Channel Catfish	3	3	16.0	17.6	1.5	5
Yellow Bullhead	1	1	5.2	5.2	.	1

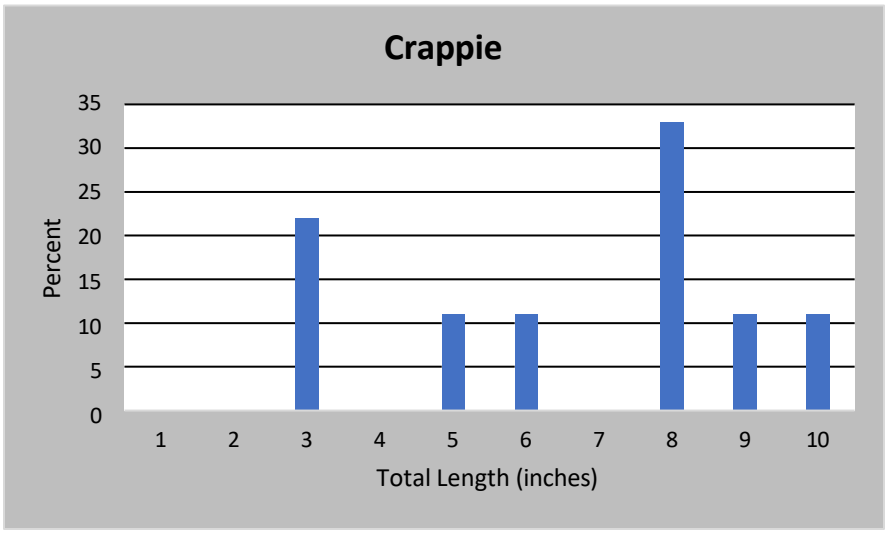
Right: The fishing pier at Alligator Lake provides good access without having to bring a boat.



Below: Length distributions for sport fish from the 2023 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).

