



Alligator Lake 2022

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 2018 electrofishing survey on Alligator Lake. Alligator Lake is sampled in the fall every 2-3 years. Catch rates for Largemouth Bass and bream had a significant increase in 2018. Average weights for bass and bream also increased compared to the 2017 electrofishing survey. Catch rates for crappie decreased, while average weights remained about the same. Overall, average weights of fish were below average for Delta oxbows. Rough fish comprised 14% of the total catch by number in 2018, compared to 20% in 2017.

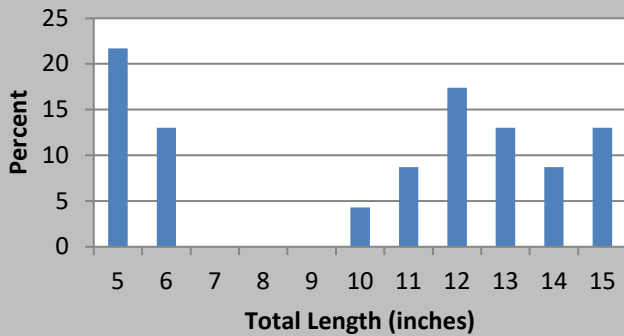
Species	# of fish collected	% of sample	Average Length (inches)	Maximum Length (inches)	Average Weight (pounds)	Catch Rate Adult fish (fish/mile)
Bluegill Sunfish	127	56	3.7	6.5	0.2	220
Longear Sunfish	25	11	3.0	4.5		43
Largemouth Bass	23	10	10.8	15.8	1.2	39
Smallmouth Buffalo	18	8	15.4	17.5		31
Channel Catfish	10	4	13.7	16.6	0.9	17
Bigmouth Buffalo	10	4	14.8	21.1		17
White Crappie	5	2	10.4	12.8	0.7	9
Warmouth	4	2	4.8	5.7	0.2	7
Bowfin	3	1	21.1	22.0		5
Orangespotted Sunfish	1	<1	1.8	1.8		2
Black Crappie	1	<1	5.4	5.4		2
Green Sunfish	1	<1	2.6	2.6		2
Yellow Bullhead	1	<1	9.3	9.3		2

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

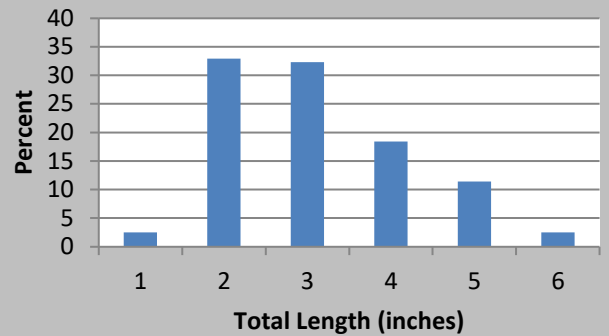


Below: Length distributions for sport fish from the 2018 electrofishing survey at Alligator Lake.

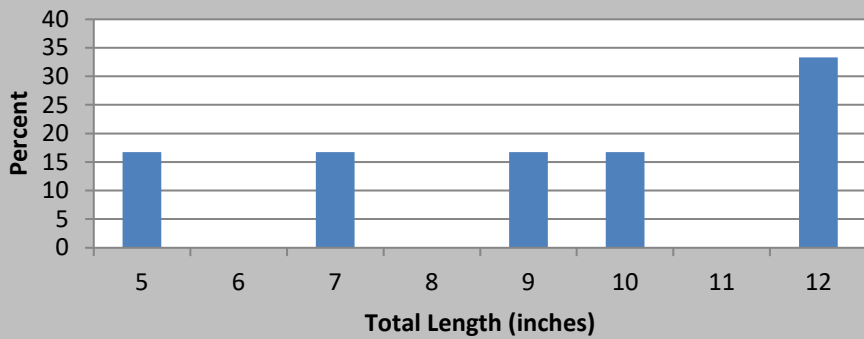
Largemouth Bass



Bream



Crappie



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 (AKA Brushy Lake).

