



Aberdeen Lake 2024

REEL FACTS

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General Information: As part of the Tennessee-Tombigbee Waterway, Aberdeen Lake covers 4,121 acres in central Monroe county. Impounded in 1984, it is owned and managed by the U.S. Army Corps of Engineers. The reservoir extends 22 miles from Amory Lock and Dam (mile 371.1) down to Aberdeen Lock and Dam (mile 357.5). Historically, Aberdeen Lake has been a destination for bass and crappie anglers from around the state and has hosted multiple state level bass tournaments in recent years.

Location: Just northeast of Aberdeen, MS along Lock and Dam Rd.

Fishery Management: Largemouth Bass, crappie, and catfish.

Purchase a Fishing License: https://www.ms.gov/mdwfp/hunting_fishing/

Amenities

- 4 public boat ramps
- 1 marina
- 1 campground
- Swimming area
- Picnic areas
- Restrooms

Regulations

- Black bass (largemouth and spotted): 14 inch minimum length limit, 10 bass (combined) per day per angler.
- Crappie: 9 inch minimum length limit and 30 crappie per day per angler.
- Bream: 100 bream (combined) per day per angler.
- Catfish: no limit.
- All paddlefish caught must be released
- Other creel limits can be found at <http://www.mdwfp.com>

Regulations

Yo-Yo's, Jugs, and Trotlines

- No more than 25 jugs and no more than 25 yo-yos may be fished per person. No more than 2 hooks are allowed on each device. Trotlines may have no more than 100 single hooks.

Spillway

- Anglers can only use one pole or rod per person.
- Artificial lures with no more than 3 treble hooks no larger than #2 may be used anytime.
- The use of baited or bare treble hooks is illegal.
- From Dec 1 until the last day in Feb – Anglers can only fish with 2 single hooks no larger than #2. Hooks must be at least 1 inch apart.
- From March 1 until the last day in Nov – Anglers may fish with 2 single hooks of any size. Hooks must be at least 1 inch apart.
- Baitfish captured at Aberdeen spillway must be immediately placed on ice or in a dry container.

Sportfishing Notes

Black Bass

- Target deeper backwater areas with woody debris and aquatic vegetation with Texas-rigged plastics, square-billed crankbaits, spinnerbaits, and jigs.
- In the spring, target backwater flats with spinnerbaits, Texas-rigs, vibrating jigs, and weedless swimbaits.

Crappie

- Target the deep old river bendways with jigs and minnows around any woody cover.
- Fish the edges of vegetation in the lower end of the lake around standing timber.

Catfish

- Fish for cats along main channel drop-offs, mouths of bendways, and deep old river channels with cutbait or whole shad.

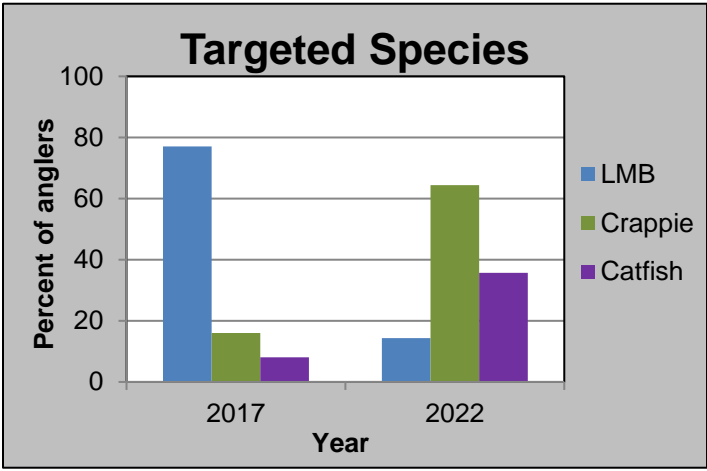
Below: Results from the 2023 fall electrofishing survey on Aberdeen Lake. Boat electrofishing was completed along 5.9 miles of shoreline at 10 randomly selected sites during November.

| Species | # of Fish Sampled | % of Sample | Mean Length (inches) | Maximum Length (inches) | Average Weight (pounds) | Catch Rate Adult fish (fish/mile) |
|-----------------------|-------------------|-------------|----------------------|-------------------------|-------------------------|-----------------------------------|
| Spotted Gar | 15 | 2 | 17.1 | 26.3 | 0.7 | 2.3 |
| Bowfin | 2 | <1 | 22.5 | 26.5 | 4.2 | 0 |
| Gizzard Shad | 127 | 21 | 5.8 | 11.4 | - | 4.2 |
| Threadfin Shad | 66 | 11 | 2.3 | 2.8 | - | 0 |
| Common Carp | 2 | <1 | 28.1 | 29.7 | - | 0.3 |
| Emerald Shiner | 12 | 2 | 2.6 | 3.2 | - | 0 |
| Smallmouth Buffalo | 77 | 13 | 16.7 | 22.6 | 2.5 | 13.2 |
| Spotted Sucker | 1 | <1 | 8.3 | 8.3 | 0.2 | 0 |
| Blacktail Redhorse | 2 | <1 | 8.5 | 11.8 | 0.3 | 0 |
| Blue Catfish | 5 | <1 | 21 | 22.9 | 3 | 1 |
| Channel Catfish | 8 | 1 | 15.5 | 21.1 | 1.3 | 1.3 |
| Silversides | 1 | <1 | 2.8 | 2.8 | - | 0 |
| Warmouth | 2 | <1 | 5.4 | 7.2 | 0.3 | 0.5 |
| Orangespotted Sunfish | 1 | <1 | 1.6 | 1.6 | - | 0 |
| Bluegill | 139 | 23 | 3.8 | 7.2 | 0.2 | 20.7 |
| Longear Sunfish | 4 | <1 | 3.4 | 4.7 | - | 0.3 |
| Redear Sunfish | 25 | 4 | 4.9 | 7.8 | 0.2 | 4.4 |
| Spotted Bass | 1 | <1 | 7.3 | 7.3 | 0.1 | 0.2 |
| Largemouth Bass | 77 | 13 | 9.6 | 17.6 | 0.8 | 7.7 |
| White Crappie | 34 | 6 | 8.8 | 13.8 | 0.5 | 5.2 |
| Black Crappie | 2 | <1 | 10.4 | 10.7 | 0.5 | 0.3 |
| Freshwater Drum | 3 | <1 | 17.9 | 19.3 | 2.7 | 0.5 |

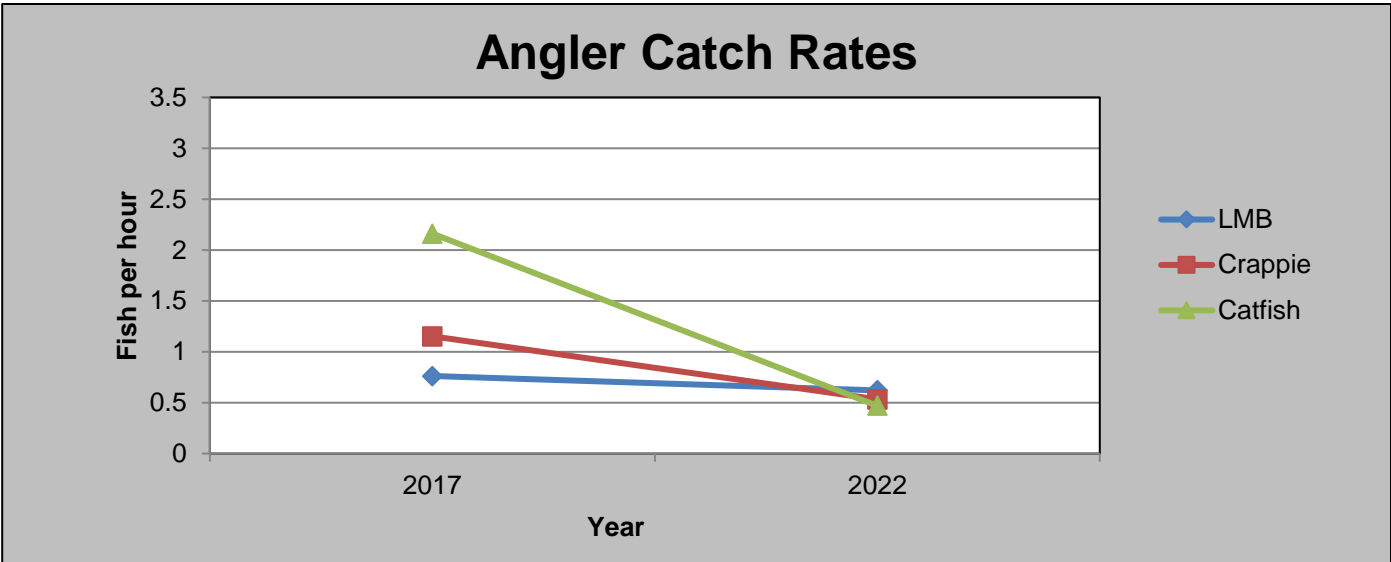
| Have you been interviewed on Aberdeen Lake in 2022? | % |
|--|----|
| Yes | 11 |
| No | 89 |
| Do you read the weekly fishing reports on MDWFP's website? | |
| Yes | 19 |
| No | 81 |
| Since you started fishing the Tenn-Tom, do you believe the fishing has gotten: | |
| Better | 29 |
| Worse | 29 |
| No difference | 42 |
| Have you personally witnessed any Silver Carp jumping on the TTW? | |
| Yes | 0 |
| No | 96 |
| Unsure | 4 |

Left: Creel questions from 2022 on Aberdeen Lake. There were not a lot of repeat anglers during creeling, as 89% were new interviews. Fewer than 20% of those asked read the fishing reports posted weekly on MDWFP.com. Most anglers believe the fishing is about the same on the Tenn-Tom, while those with other opinions were evenly split. No anglers interviewed had seen invasive Silver Carp jumping, while one angler (4% of the survey) was unsure.

Below: Between 2017 and 2022, the most popular fish targeted switched from bass to crappie. Catfish angling more than tripled in that same time period.



Below: Angler catch rates for all species have declined since 2017. 84,000 Largemouth Bass were stocked in 2022, but it will take a few years to notice any positive impact.





Over the last several years, a new invasive aquatic plant was found in various water bodies along the Tennessee-Tombigbee Waterway. Giant Salvinia is a floating plant just like its cousin Common Salvinia. But unlike its cousin, Giant Salvinia has a propensity to spread and grow at a much faster rate and has the potential to choke off backwater areas. It is critical that anglers visiting the lake clean their boats and boat trailers to reduce the possibility of transferring this plant to other water bodies. Giant Salvinia is extremely difficult to control once it becomes established.

