Decatur Lake
2025 Status & Trends Survey

Lake Information: 15 acres; 6 feet max depth
Located: Greensburg, Indiana; Decatur County
GPS Coordinates: N 39.33035; W -85.51744; **Lake Map:** Contour Map
Ownership: Decatur County Parks and Recreation; **Access:** Boat ramp; **Fees:** None
Outboard Motor Restrictions: Electric trolling motor only; **Fishing Restrictions**: Indiana Fishing Regulations Guide
Best Fishing: Bluegill, Largemouth Bass and Channel Catfish
DNR Contact Information: Sanden O'Connell, District 4 Assistant Fisheries Biologist D4Fish@dnr.IN.gov
Fish Survey Dates: May 12 to May 13, 2025
Aquatic Vegetation: The vegetation survey was conducted on July 18, but no submersed plants were collected.
Comments: Survey effort consisted of 30 minutes of nighttime electrofishing, two trap net lifts and two gill net lifts. The lack of vegetation and poor water clarity can likely be attributed to the high abundance of Common Carp. Bluegill were the most abundant species in the sample. Bluegill exhibited average growth and had a maximum length of 8.1 inches. Redear Sunfish, Largemouth Bass, Black Crappie and White Crappie were also collected, providing some fishing opportunities. Channel Catfish are stocked biennially to provide additional angling opportunities.

Fish Species Composition

Species	Number	Percent	Min Length	Max Length
Bluegill	438	72.2	1.7	8.1
White Crappie	38	6.3	4.3	13.2
Black Crappie	35	5.8	4.3	9.7
Largemouth Bass	28	4.6	4.4	20.2
Redear Sunfish	27	4.4	2.8	9.4
Common Carp	22	3.6	17.8	30.4
White Sucker	10	1.6	6.1	17.7
Channel Catfish	6	1.0	16.7	22.2
Hybrid Sunfish	1	0.2	6.3	6.3
Warmouth	1	0.2	2.5	2.5
Yellow Bullhead	1	0.2	7.2	7.2
Total	607			

Fish Stockings (most recent)

Year	Species	Number	Average Length
2024	Channel Catfish	375	8.4
2022	Channel Catfish	1,500	9.0
2020	Channel Catfish	750	8.1

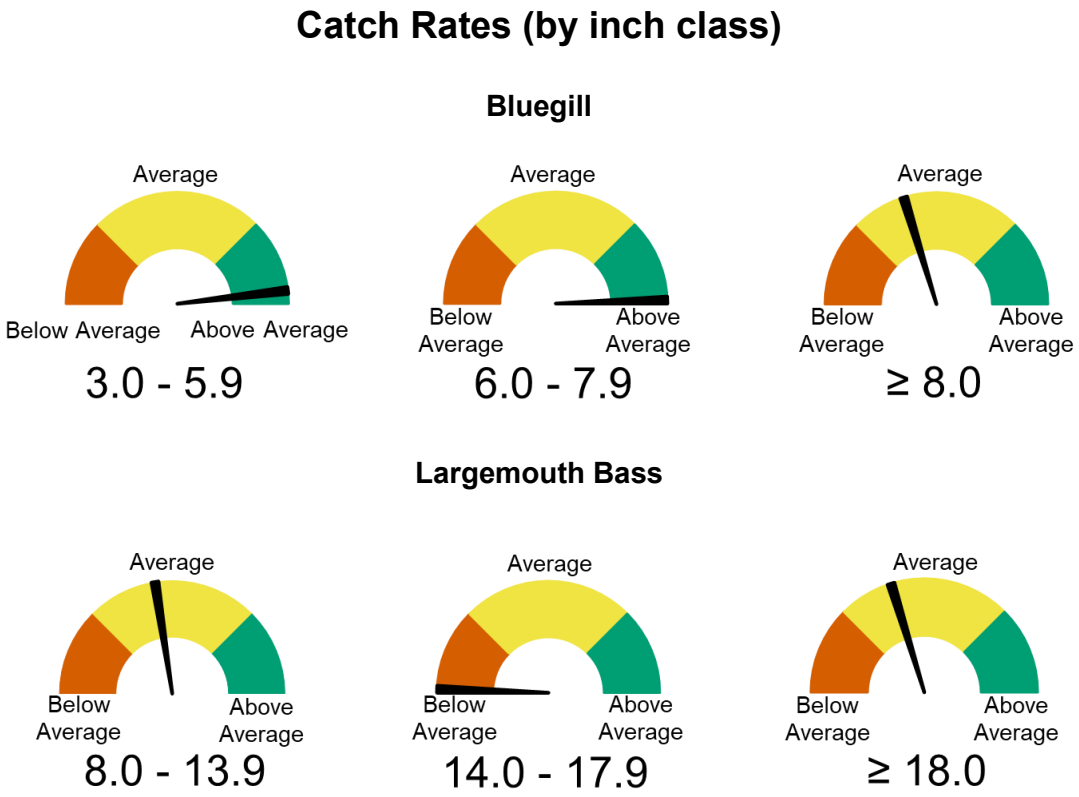


Figure 1. Catch rate dials for Bluegill size ranges 3.0 to 5.9, 6.0 to 7.9, and greater than or equal to 8.0 inches and Largemouth Bass size ranges 8.0 to 13.9, 14.0 to 17.9, and greater than or equal to 18.0 inches compared to the average of other Indiana impoundments.

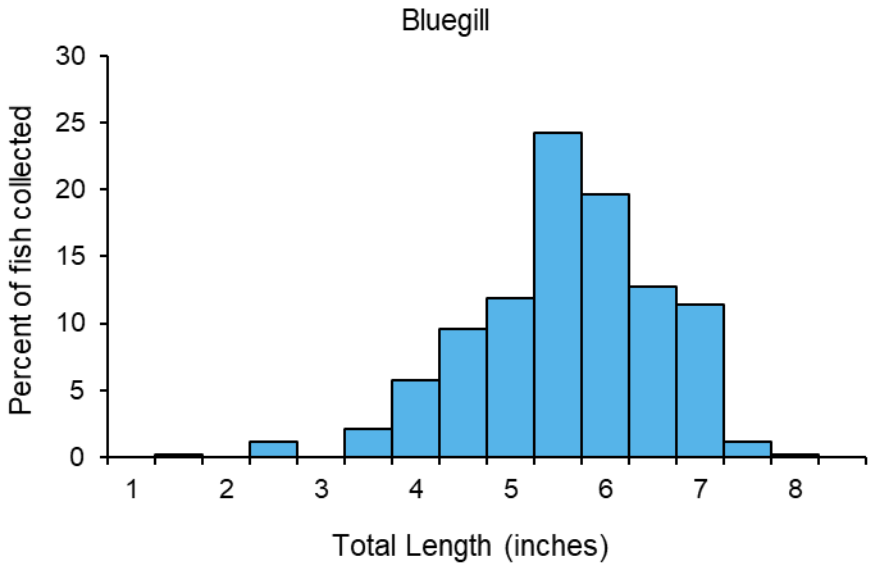


Figure 2. Length frequency distribution of Bluegill collected by half-inch groups.

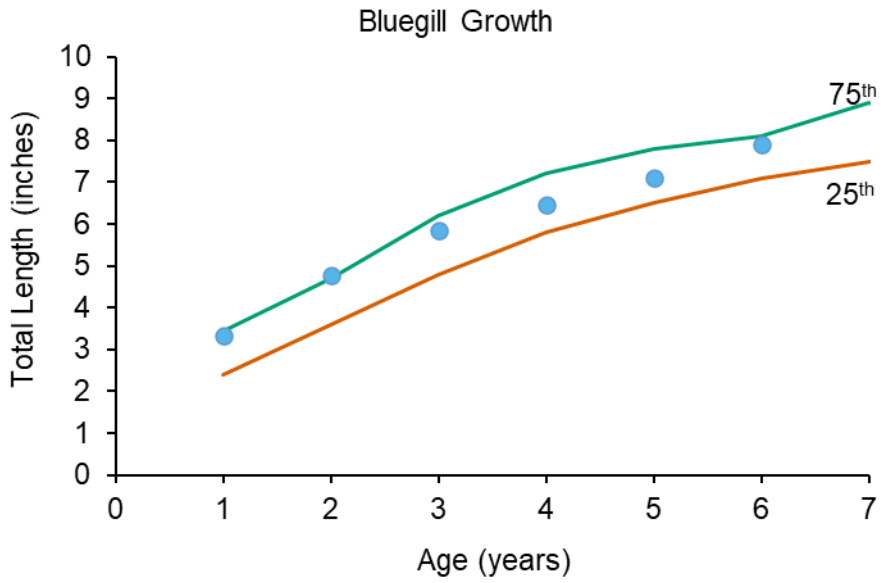


Figure 3. Bluegill average length at age compared to the 25th and 75th growth percentiles of other Indiana impoundments. Any age between the 25th and 75th percentiles is considered average growth while any above or below them is considered great or poor growth.

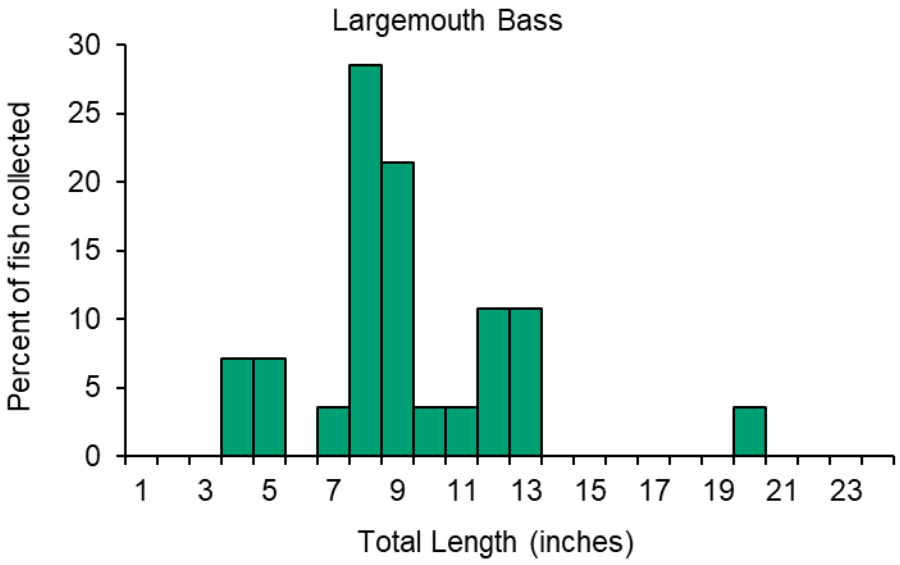


Figure 4. Length frequency distribution of Largemouth Bass collected by inch groups.



Figure 5. Largemouth Bass average length at age compared to the 25th and 75th growth percentiles of other Indiana impoundments. Any age between the 25th and 75th percentiles is considered average growth while any above or below them is considered great or poor growth.

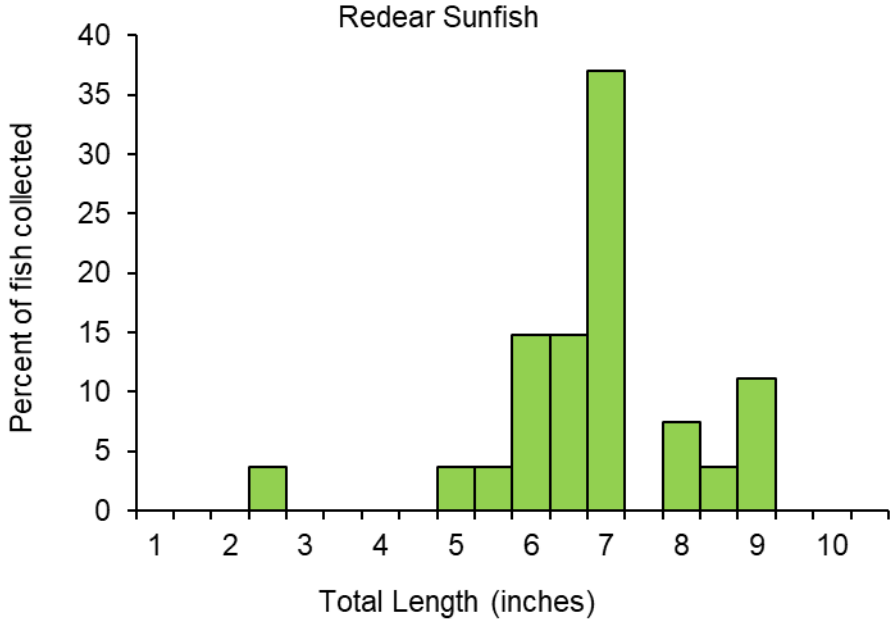


Figure 6. Length frequency distribution of Redear Sunfish by half-inch groups

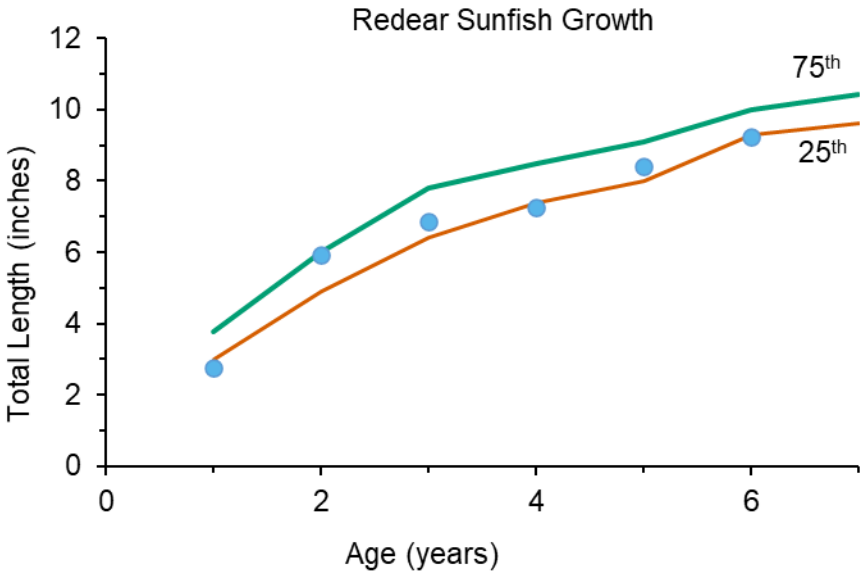


Figure 7. Redear Sunfish average length at age compared to the 25th and 75th growth percentiles of other Indiana impoundments. Any age between the 25th and 75th percentiles is considered average growth while any above or below them is considered great or poor growth.