



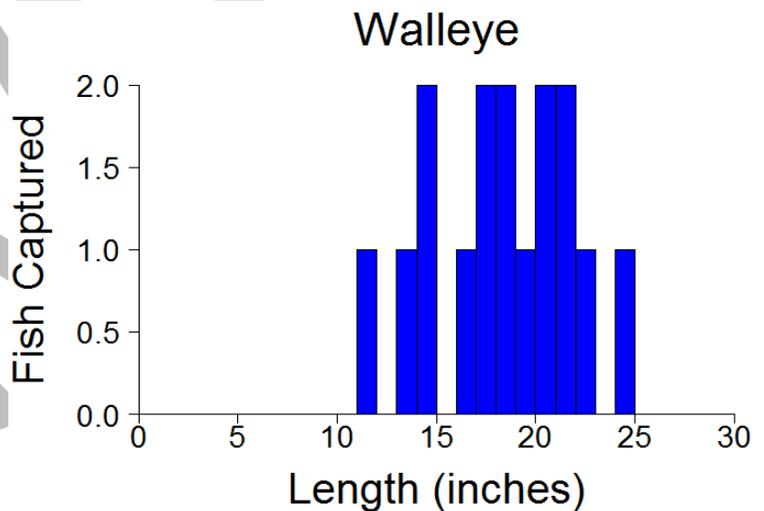
## Summary of Fishery Surveys Meder Lake, Ashland County, 2015

Meder Lake is a soft water drainage lake with predominantly sand and muck substrates. It has a surface area of 131 acres, 2.2 miles of shoreline, and a maximum depth of 10 feet. The Mercer DNR Fisheries Management Team conducted the following fishery surveys on Meder Lake in 2015: an early-spring electrofishing survey targeting walleye and northern pike populations, and a late-spring electrofishing survey to assess bass and panfish populations. Quality, preferred, and memorable sizes referenced in this summary are based on standard proportions of world record lengths developed for each species by the American Fisheries Society, and reflect the percentage of the adult population sampled larger than the specified size.



**Walleye Size Groups (PSD/RSD)**

Size Class	% of Sample
Quality (> 15 in.)	75
Preferred (> 20 in.)	38
Memorable (> 25 in.)	0



We captured a total of 16 individual walleyes during our targeted, early-spring electrofishing survey at a relatively low rate of 7.3 /mile. Walleyes ranged from 11.0” - 24.2” in length and averaged 18.0”. These data suggest that adult walleyes are currently present at relatively low densities, but a few quality fish are available.

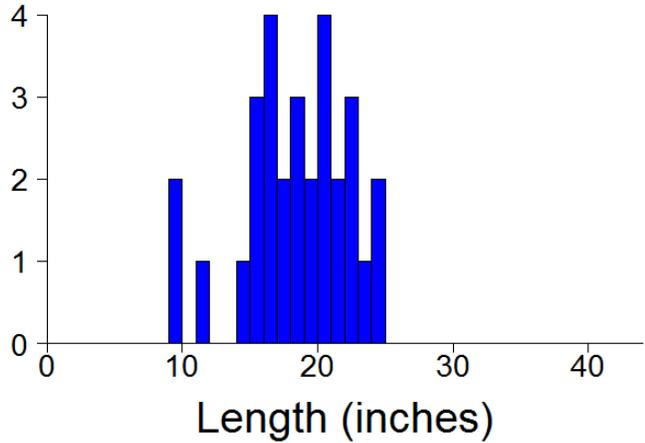


**Northern Pike Size Groups (PSD/RSD)**

Size Class	% of Sample
Quality (> 21 in.)	30
Preferred (> 28 in.)	0
Memorable (> 34 in.)	0

Fish Captured

### Northern Pike



During our early-spring electrofishing survey we sampled a total of 30 individual northern pike at a moderate rate (13.8/mile). Northern pike ranged from 9.6” - 24.0” in length and averaged 18.3”. These results suggest that northern pike are currently at low-moderate densities in Meder Lake, but most individuals are relatively small.

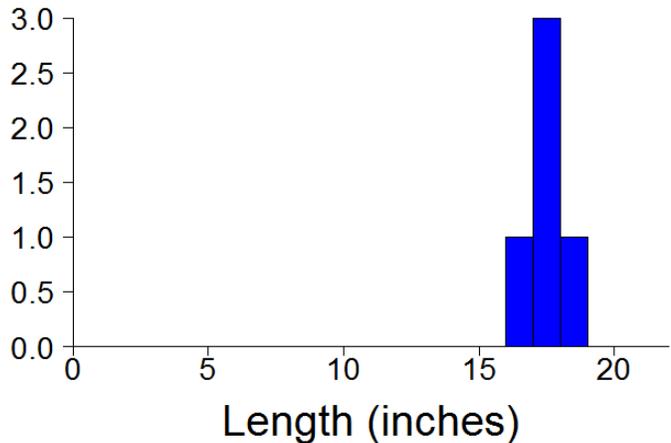


**Largemouth Size Groups (PSD/RSD)**

Size Class	% of Sample
Quality (> 12 in.)	100
Preferred (> 15 in.)	100
Memorable (> 20 in.)	0

Fish Captured

### Largemouth Bass

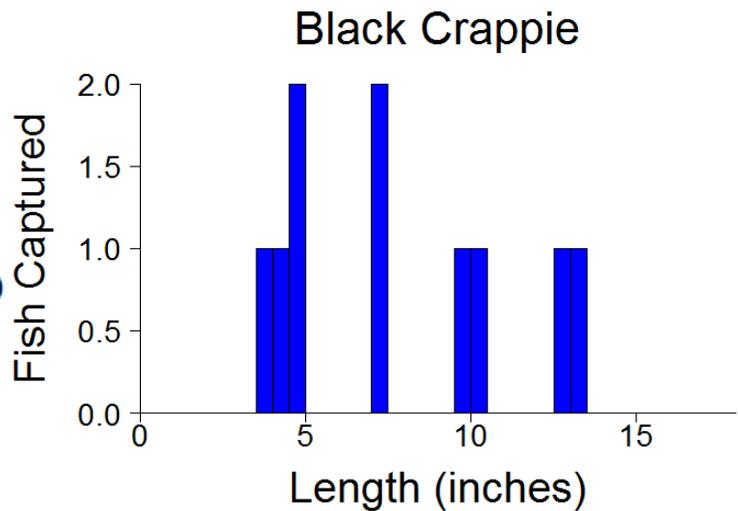


The targeted late-spring electrofishing survey sampled a total of 5 largemouth bass at rate of 2.3/mile. Largemouth bass ranged in length from 16.6” – 18.9” and averaged 17.5”. These results suggest that largemouth bass are currently at low densities but the population has a respectable size structure.



**Black Crappie Size Groups (PSD/RSD)**

Size Class	% of Sample
Quality (> 8 in.)	67
Preferred (> 10 in.)	50
Memorable (> 12 in.)	33

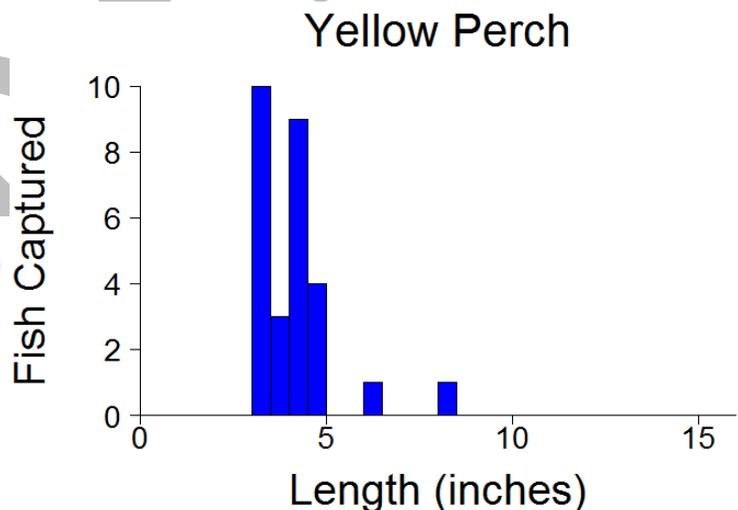


The late-spring targeted panfish electrofishing survey sampled a total of 10 black crappies at a rate of 20.0/mile. Crappies ranged in length from 3.7” – 13.1” and averaged 7.7”. These results suggest that crappies are present in low-moderate densities and the population exhibits a balanced size structure.



**Yellow Perch Size Groups (PSD/RSD)**

Size Class	% of Sample
Quality (> 8 in.)	50
Preferred (> 10 in.)	0
Memorable (> 12 in.)	0

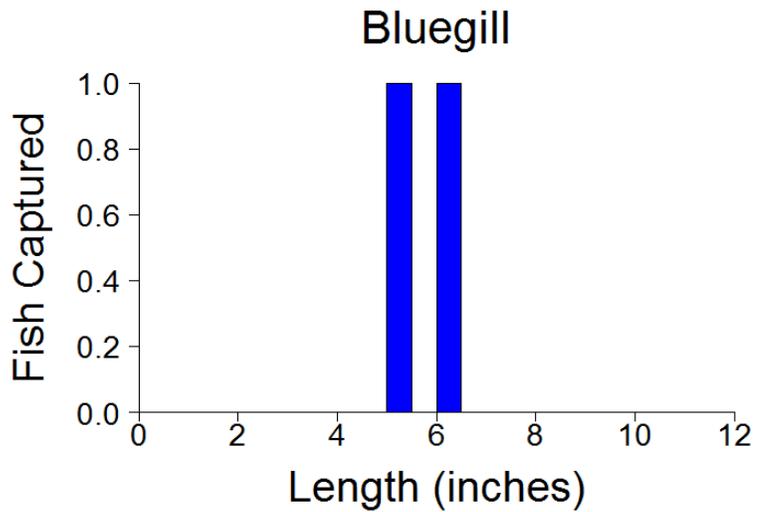


The late-spring targeted panfish electrofishing survey sampled a total of 28 yellow perch at a rate of 56.0/mile. Perch ranged in length from 3.0” – 8.3” and averaged 4.0”. These results suggest that yellow perch are present in moderate densities and most individuals in the population appear to be juveniles.



**Bluegill Size Groups (PSD/RSD)**

Size Class	% of Sample
Quality (> 6 in.)	50
Preferred (> 8 in.)	0
Memorable (> 10 in.)	0



The late-spring targeted panfish electrofishing survey sampled bluegills at a rate of 4.0/mile. These results suggest that bluegills are present at low densities.

Additional Notes:

Walleyes, northern pike, largemouth bass, and black crappies were also observed during non-targeted surveys at similar rates to those presented above. We also observed two large pike that were not captured during targeted survey efforts (30" – 40"). For questions or additional results from 2015 survey work contact:

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