



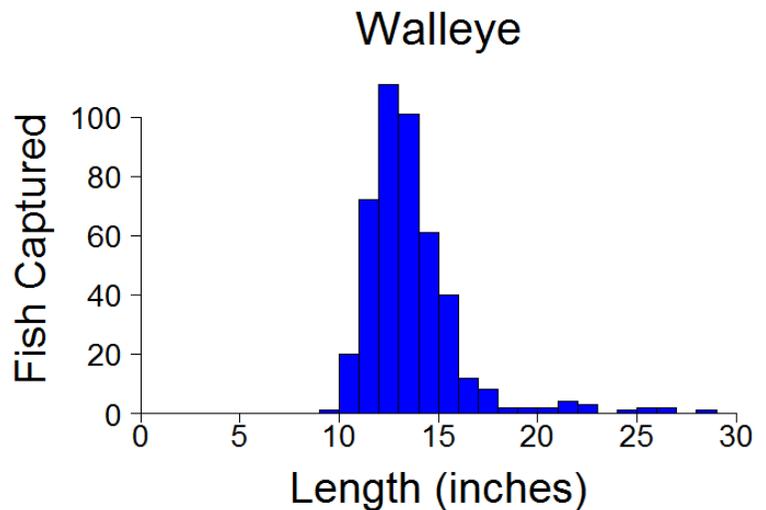
Summary of Fishery Survey Turtle-Flambeau Flowage, Iron County, 2015

The Turtle-Flambeau Flowage is a soft water impoundment with primarily rubble, muck, and boulder substrates. It has a surface area of 13,545 acres, 211 miles of shoreline, and a maximum depth of 50 feet. The Mercer DNR Fisheries Management Team conducted the following fishery surveys on the Turtle-Flambeau Flowage: an early-spring fyke netting survey to assess the walleye population and a fall electrofishing survey to assess natural recruitment of walleye and muskellunge 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.)	18
Preferred (> 20 in.)	3
Memorable (> 25 in.)	1



We captured a total of 445 individual walleyes during our targeted, early-spring fyke netting survey at a rate of 74.2/net-night. Walleyes ranged in length from 9.7” – 28.8” and averaged 13.6”. Fall recruitment electrofishing surveys sampled walleyes at an average rate of 64/mile. These results suggest that adult walleyes are currently present in high densities and the population is primarily comprised of relatively small individuals. Additionally, fall surveys documented high levels of natural reproduction which should yield recruits to the adult fishery in the coming years.

Additional Notes:

Fall recruitment surveys sampled one natural muskellunge young-of-the-year, documenting very limited natural reproduction of this species. During this survey, we also noted abundant young-of-the-year of the following species: yellow perch, bluegill, crappie, and trout perch.

Black crappie, burbot, northern pike, rock bass, white sucker, yellow perch and trout perch were also observed during these survey efforts. For questions or additional results from 2015 survey work contact:

Zach Lawson

Zachary.Lawson@Wisconsin.gov

Phone: (715) 476-7847

Survey Data Collected By: Jim Zarzycki and Zach Lawson

Analyzed and Report By: Zach Lawson, Fisheries Biologist, Iron County, 12/15/15

Approved for Posting By: Mike Vogelsang, North District Fisheries Supervisor, 2/3/16