



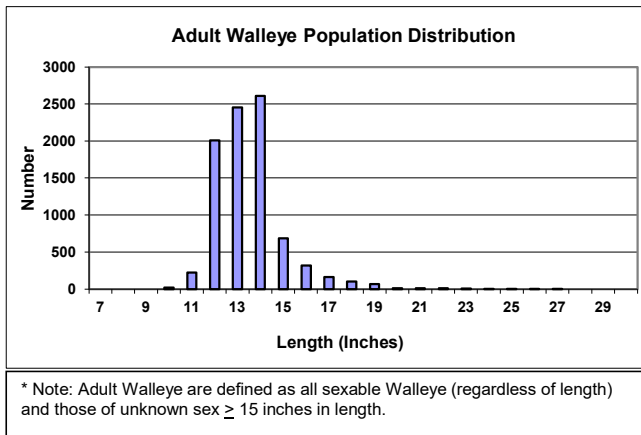
WISCONSIN DNR  
FISHERIES INFORMATION SHEET

LAKE: MOHAWKSIN

COUNTY: LINCOLN

YEAR: 2022

The Wisconsin Department of Natural Resources (DNR) surveyed Lake Mohawksin in Lincoln County between April 22-June 6 to assess the gamefish and panfish populations. Lake Mohawksin is a stained, soft water reservoir on the Wisconsin River, with water levels maintained by a dam. The lake has predominately sand substrates along with some gravel and muck. The lake has a surface area of 1,910 acres, 35.2 miles of shoreline and a maximum depth of 25 feet. Lake Mohawksin's Walleye and Muskellunge populations are sustained through natural reproduction.



**Walleye**



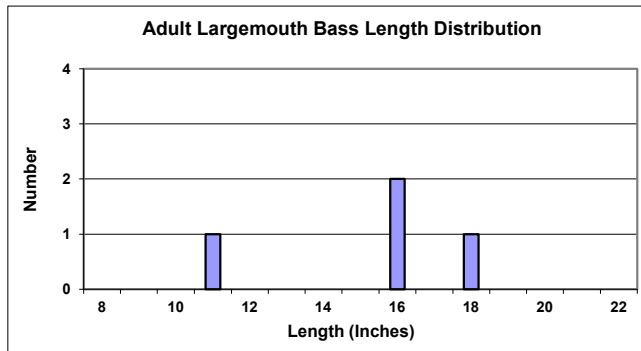
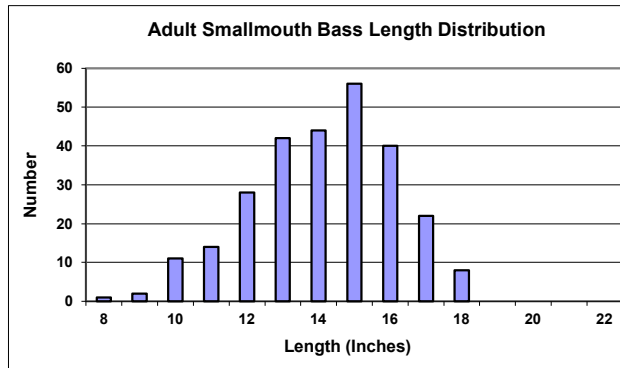
During 10 days of Walleye-targeted fyke netting, 2,073 adult Walleye were captured and marked with a fin clip. Crews then sampled with electrofishing boats and caught 156 adult Walleye. During electrofishing, 28% (43 of 156) of Walleye caught bore the fin clip applied during fyke netting. Based on those results, the adult Walleye population in Lake Mohawksin was estimated at 8,709 adult Walleye (4.6/acre).

An estimated 16% of adult Walleye were 15 inches or longer. The largest Walleye caught was a 27.2-inch female.

**Smallmouth Bass**



Survey sampling conducted through June 6 resulted in 272 Smallmouth Bass being caught. Of the 272 caught, 268 were considered adults at eight inches or larger, and 63% were 14 inches or longer; the largest measuring 18.7 inches. During the late spring electrofishing surveys, adult Smallmouth Bass were caught at a relatively high rate of 17.7 per mile of shoreline.



**Largemouth Bass**



Surveys on Lake Mohawksin captured five Largemouth Bass. Four were considered adults at eight inches or larger, and three (75%) were 14 inches or longer; the largest measuring 18.7 inches. No adult Largemouth Bass were caught during the late spring electrofishing surveys.

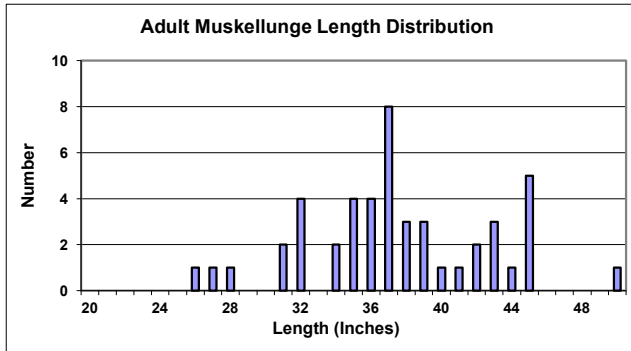
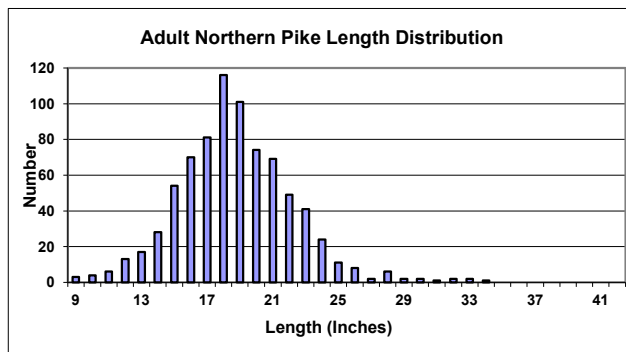
## Northern Pike



Surveys of Lake Mohawksin through May 2 resulted in the catch of 788 adult Northern Pike. Twenty-six (3%) of the adult pike were greater than 26 inches long, the largest measuring 34.0 inches.

Based on catch and recapture numbers through May 2, the Northern Pike population in Lake Mohawksin was estimated to be 1,438 adults (0.8/acre).

\* Note: Adult Northern Pike are defined as all sexable Northern Pike and those of unknown sex  $\geq$  12 inches in length.



## Muskellunge



During fyke netting and electrofishing, 47 adult Muskellunge were caught (which included two hybrid "Tiger" Muskellunge). Of the adult Muskellunge, 30% (14 of 47) were 40 inches or longer, with the largest being a 50.2-inch female. Additionally, 15 juvenile Muskellunge (9.7 - 27.6 inches) were also caught. Combining these data with Lake Mohawksin Muskellunge survey data collected in 2021 resulted in a 2021 Muskellunge population estimate of 234 adults (0.12/acre).

\* Note: Adult Muskellunge are defined as all sexable Muskellunge and those of unknown sex  $\geq$  30 inches in length.

## Other Species

In addition to the gamefish mentioned above, fyke netting and electrofishing sampling efforts in Lake Mohawksin resulted in the catch of 19 pan- and non-gamefish species. Bluegill, Black Crappie, Yellow Perch and Pumpkinseed were common in survey catches. Other species caught included: Rock Bass, White Crappie, Bowfin, White Sucker, Black Bullhead, Yellow Bullhead, Burbot, Golden Redhorse, Shorthead Redhorse, Silver Redhorse, Golden Shiner, Logperch, Troutperch, Northern Hog Sucker and Brook Trout.

A creel survey will be conducted on Lake Mohawksin throughout the 2022-23 fishing season, in which a creel clerk will count and interview anglers and examine their catch. The information gathered will be used to estimate angler fishing effort, catch and harvest.

**Table 1. General Fishing Regulations for Lake Mohawksin, Lincoln County, 2022-23**

FISH SPECIES	OPEN SEASON	DAILY LIMIT	MINIMUM LENGTH
Walleye	Open All Year	3	15" min. length, 20-24" no harvest slot, 1 fish over 24" allowed
*Largemouth Bass (harvest season)	Open All Year	5 in total with SMB	14 inches
*Smallmouth Bass (harvest season)	Open All Year	5 in total with LMB; harvest season only	14 inches
Muskellunge	May 28 - Dec. 31 (on open water)	1	40 inches
Northern Pike	Open All Year	5	None

\*Catch and release fishing is allowed year-round for Largemouth and Smallmouth Bass

A summary of selected fishing regulations for Lake Mohawksin is included above (Table 1). While the regulatory information provided was current at the time the surveys were conducted, it is not comprehensive and should not be used as a substitute for the current fishing regulation pamphlet. You may obtain a copy of current fishing regulations when you purchase your fishing license, or download a copy from the [DNR's Fishing Regulations page](#).

This spring survey summary can be found on the [DNR's Spring Fisheries Surveys in Northern Wisconsin page](#).

2022-23 Lake Mohawksin creel survey results will be posted on the [DNR's Ceded Territory Creel Survey Reports page](#).

For questions about this survey, or the results within, contact:

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