



WISCONSIN DEPARTMENT OF NATURAL RESOURCES

Fisheries Information Sheet

LAKE: Siskiwit Lake

COUNTY: Bayfield

YEAR: 2024

Introduction

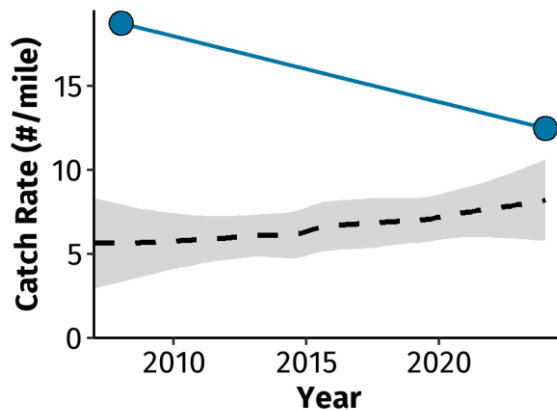
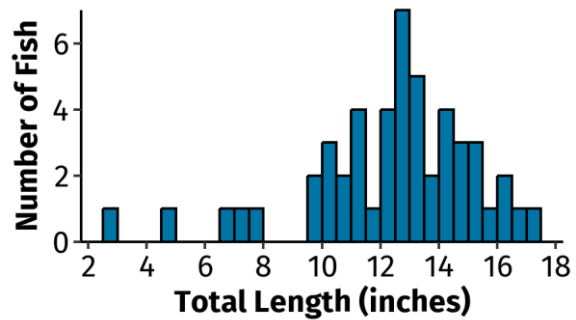
A late spring electrofishing (SE2) survey was conducted on Siskiwit Lake (WBIC 2882300) in Bayfield County on May 28th, 2024. All species were collected along one mile of shoreline and gamefish were collected along an additional three miles of shoreline. Although SE2 surveys primarily target bass and panfish, species observed in the 2024 survey included walleye, smallmouth bass, largemouth bass, northern pike, pumpkinseed, bluegill, black crappie and yellow perch.

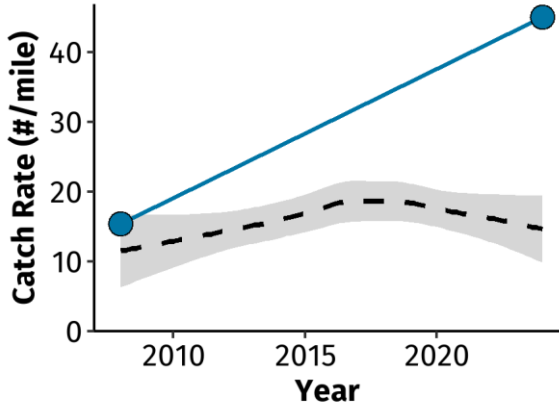
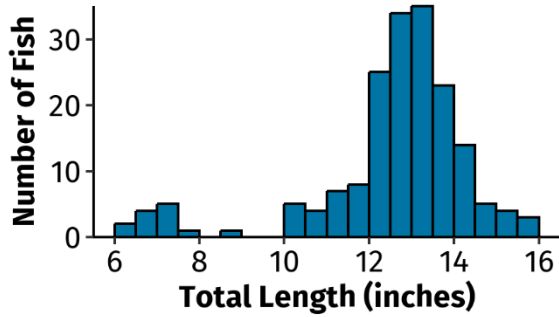
SMALLMOUTH BASS



There were 50 smallmouth bass captured and length ranged from 2.6-17.5 inches. Smallmouth bass catch rate (blue dots) was above average for complex-cool-dark lakes in Wisconsin (dashed line; 95% confidence interval shaded). Since the 2008 survey, the smallmouth bass catch rate and size structure decreased but remain good.

Year	2008	2024
# Captured Per Mile	19	13
Quality Size ($\geq 11"$)	92%	76%
Preferred Size ($\geq 14"$)	53%	30%





WALLEYE



There were 180 walleyes captured and length ranged from 6.0-15.8 inches. Walleye catch rate (blue dots) was well above average for complex-cool-dark lakes in Wisconsin (dashed line; 95% confidence interval shaded). Since the 2008 survey, the walleye catch rate tripled and size structure declined substantially.

Year	2008	2024
# Captured Per Mile	15	45
Quality Size ($\geq 15''$)	49%	4%
Preferred Size ($\geq 20''$)	1%	0%

OTHER SPECIES

There were six bluegills captured and length ranged from 7.5-8.5 inches. There were eight pumpkinseeds captured and length ranged from 6.7-8.7 inches. Other species captured in low numbers (less than five fish) included northern pike, largemouth bass, black crappie and yellow perch.

Summary

Siskiwit Lake features action fisheries for walleye and smallmouth bass with low abundances of large panfish. With high catch rates of small, thin walleye, lack of prey is likely limiting their growth. Typically, a less restrictive regulation to increase harvest of small walleye would help reduce abundance and improve growth and size structure. However, high mercury concentrations limit consumption opportunities. Instead, walleye and smallmouth bass in Siskiwit Lake provide excellent catch-and-release opportunities for anglers.

General fishing regulations for Siskiwit Lake in Bayfield County, Wisconsin.

SPECIES	SEASON DATES	DAILY BAG LIMIT	SIZE LIMIT
Largemouth Bass (LMB)	1 st Saturday in May to 1 st Sunday in March	5 in total with SMB	14 inches
Smallmouth Bass (SMB)	3 rd Saturday in June to 1 st Sunday in March	5 in total with LMB	14 inches
Northern Pike	1 st Saturday in May to 1 st Sunday in March	5	None
Panfish	Open all year	25	None
Walleye	1 st Saturday in May to 1 st Sunday in March	3	15 inches but less than 20 inches, with 1 over 24 inches

For answers to questions about fisheries management activities on Siskiwit Lake, contact:

Logan Cutler

Fisheries Biologist

(715) 815-7265

Logan.Cutler@wisconsin.gov

Nate Thomas

Fisheries Biologist - Senior

(715) 815-7108

Nathan.Thomas@wisconsin.gov