

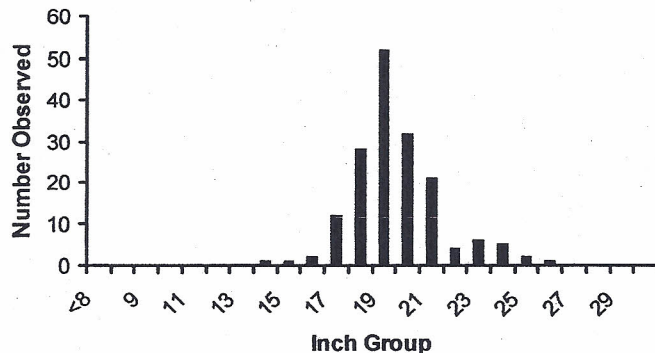
WISCONSIN D.N.R. FISHERIES INFORMATION SHEET

LAKE: Spread Eagle Chain of Lakes

COUNTY: FLORENCE

YEAR: 2011

Walleye Length Frequency



The Department of Natural Resources is currently surveying the Spread Eagle Chain of Lakes in Florence County to determine the status of this fishery. The SECL contains 9 lakes, covering 548 acres, and has a maximum depth of 75 feet.

Walleye

The SECL has a very low density of walleye. We captured 176 different walleye during our fyke netting and electro-fishing surveys. Based on our survey data we estimated the adult walleye population in the SECL at 196 fish (0.36/acre). The sex ratio of these fish was highly skewed with 90% being male and 10 % female. Most walleye were between 18 and 22 inches in length. The largest walleye captured was 26.4 inches.

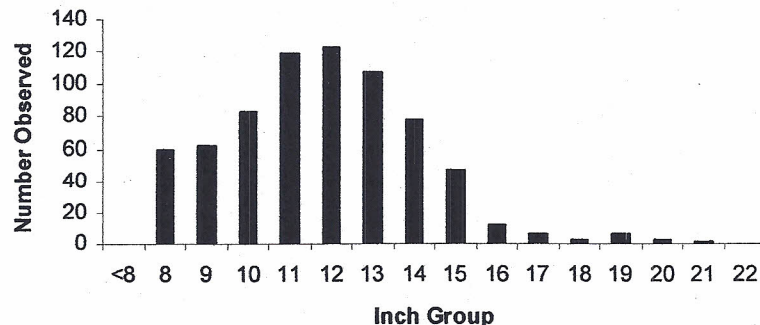
Largemouth Bass

Largemouth bass are the most abundant game fish species in the SECL. We captured 758 different largemouth bass during our netting and electro-fishing surveys. We estimated the population of largemouth bass ≥ 8.0 inches to be 4,061 fish (7.41 /acre). Most largemouth bass ranged from 10 to 16 inches in length. The largest largemouth captured was 21.4 inches.

Smallmouth Bass

Smallmouth bass were less abundant than largemouth bass in the SECL. We captured a total of 65 smallmouth bass during our surveys of the SECL. The size range of smallmouth bass sampled was 5.4 to 18.1 inches in length.

Largemouth Bass Length Frequency



Muskellunge

Muskellunge were captured and marked with an identifiable fin clip as part of a 2-year assessment of the muskellunge population. We captured 33 muskellunge during our fyke netting and electro-fishing surveys this spring ranging from 20.2 to 43.8 inches in length. Muskellunge will be sampled again in 2012 to estimate the adult population.

Northern Pike

Northern Pike were not specifically targeted during our surveys of the SECL, but they were collected during walleye netting and bass electro-fishing surveys. A total of 75 northern pike were captured in 2011. They ranged in size from 11.5 to 33.9 inches in length.

Panfish

Pan fish were sampled using fyke nets during a 3-day period in June. We captured 466 Bluegills during our survey making them the most abundant pan fish species in the SECL. Rock bass were the 2nd most encountered species with 44 fish captured. Other species captured during our pan fish survey were pumpkinseed, bluegill/pumpkinseed hybrid and yellow perch. This survey took place after the yellow perch and black crappie spawning period so they were not effectively sampled, both of these species were witnessed in higher numbers during our spring surveys.