

Lake Laura

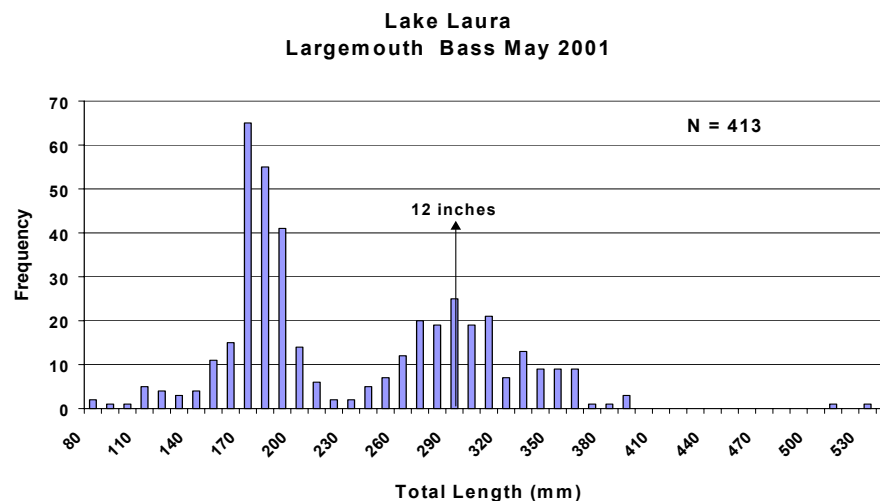
OVERVIEW

Lake Laura is a 44-acre impoundment located in southwestern Shenandoah County near the West Virginia state line. The lake is owned by Bryce Mountain Resort and the Department of Game and Inland Fisheries began managing the fishery in 1991. The dam impounds the headwaters of Big Stony Creek creating a rectangular-shaped pool with a maximum depth of thirty feet. Lake Laura had a history of nuisance algal blooms and over-abundant aquatic vegetation. To remedy this situation, Bryce Mountain Resort dredged the upper end of the impoundment removing nutrient laden sediment and increasing water depth thus limiting conditions for vegetation growth. Triploid grass carp have also been stocked to keep aquatic vegetation at desired levels. Anglers have the opportunity to fish for largemouth bass, bluegill, pumpkinseed sunfish, crappie, walleye, channel catfish, and northern pike.

FISHING

Largemouth Bass

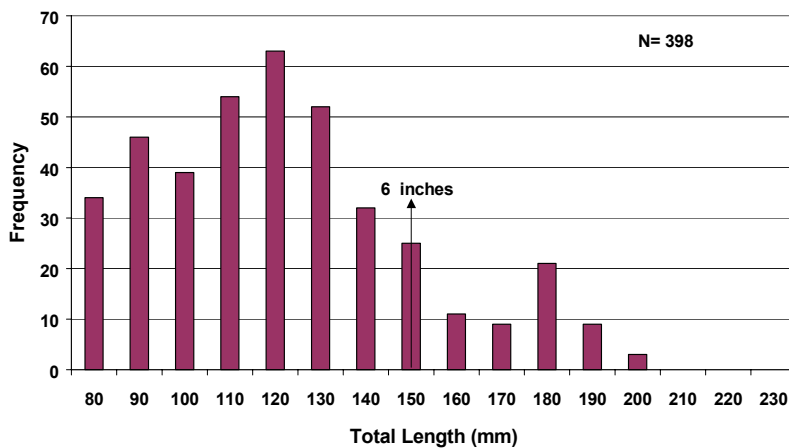
Lake Laura has one of the highest density largemouth bass populations found anywhere in Virginia. In May 2001 Department biologists collected over 400 bass in just one hour of electrofishing. The majority of the bass were less than 12 inches in length, but there has been an increase in the number of larger fish in recent years. During the electrofishing sample a few largemouth over five pounds were also collected. Largemouth bass reproduction has been consistent therefore the population should remain stable. High densities of bass can lead to slow growth rates and a "stunted" population. Therefore, anglers are encouraged to harvest bass <12" to reduce the potential of a overcrowded population. By harvesting small bass anglers can help increase bass growth rates thus increasing the number of quality-size fish in the population.



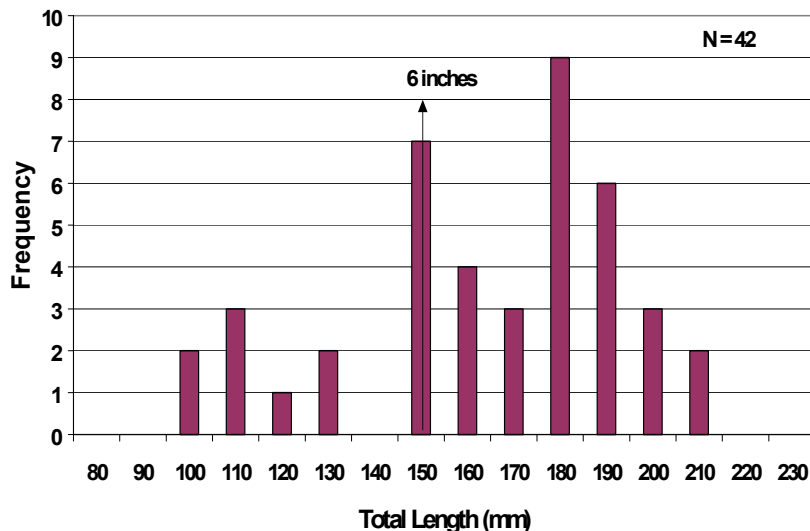
Sunfish

The sunfish population in Lake Laura is comprised of bluegill and pumpkinseed sunfish. Bluegill outnumber pumpkinseed by about 10:1. In most cases, when a lake has a very dense largemouth bass population the sunfish fishery is comprised of larger individuals. High numbers of predators (bass) control the number of sunfish thus increasing growth rates of sunfish. Lake Laura exhibits a quality sunfish fishery with good numbers of fish > 6 inches (see graphs below). The excessive aquatic vegetation that has plagued the lake in the past created to many hiding places for small sunfish. Predators could not effectively control the numbers of sunfish and they were slightly stunted. Recent vegetation reduction has allowed predators to better control sunfish numbers resulting in more quality-size fish.

**Lake Laura
Bluegill May 2001 Electrofishing**



**Lake Laura
Pumpkinseed Sunfish
May 2001 Electrofishing**



Crappie

Lake Laura has a modest crappie population. Only small numbers of crappie have been sampled by biologists during electrofishing and netting surveys since the Department began managing the fishery. The average size of the crappie collected by biologist in a May 2001 electrofishing survey was 9 inches. Anglers should target woody structure like downed trees and beaver lodges when looking for crappie.

Walleye

Walleye do not naturally reproduce in the lake and must be stocked annually by the Department. Under the Department's walleye management plan, Lake Laura is stocked with walleye to provide angling diversity. The walleye population is small, but growth rates are excellent with fish reaching 15 inches in just two growing seasons.

Channel Catfish

Lake Laura exhibits a quality catfish fishery. Natural Reproduction of catfish is limited and to maintain a fishery the Department stocks fingerlings annually. Catfish up to 27 inches have been sampled by biologists in recent years. The Department is considering stocking larger catfish to increase survival.

Northern Pike

Historically some northern pike were stocked in Lake Laura by an unknown source. In 1997 the Department began annual stockings of northern pike fingerlings. Pike are stocked to control sunfish numbers and to provide angling diversity.

REGULATIONS

Largemouth Bass

There is a 12-15 inch slot regulation on largemouth bass. All largemouth bass between 12-15 inches must be released. Anglers can harvest five bass per day.

Sunfish

There is no minimum size limit for sunfish. Anglers can keep 50 sunfish per day.

Crappie

There is no minimum size limit for crappie. Anglers can keep 25 crappie per day.

Walleye

There is no minimum size limit for walleye. Anglers can keep eight walleye per day.

Channel Catfish

There is no minimum size limit for channel catfish. Anglers can harvest 20 catfish per day.

Northern pike

There is a 20 inch minimum size regulation for northern pike. All northern pike < 20 inches must be released. Anglers can harvest two northern pike per day.

General

Gasoline motors are prohibited. (electric trolling motors are welcome)

Fishing is allowed from one hour before sunrise until one hour after sunset. (fishing after dark is prohibited)

FACILITIES

A primitive boat launch is located at the upper end of the lake. There is shoreline fishing access across the breast of the dam and around the boat launch area. The remainder of the shoreline is owned by private homeowners and is not open to the public. Parking areas are located immediately below the dam and at the boat launch.

MORE INFO

For more information on Lake Laura, please contact:

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** see recent electrofishing data.