



Lake Information

WATERSHED	LAKE CLASS
Yukon Headwaters	C
SURFACE AREA	ELEVATION
1386 ha	1123 m
MAXIMUM DEPTH	AVERAGE DEPTH
37 m	16.5 m
SURFACE TEMP	REGULATIONS
14.3°C	Special Management
SAMPLING DATES	NET SETS
August 19 – 20	29

Location

Fish Lake is located approximately 15 km southwest of Whitehorse at the end of the Fish Lake Road. The lake is found within the Traditional Territory of the Kwanlin Dün First Nation.

Access and Use

Fish Lake is accessed by Fish Lake Road, along the Alaska Highway near Whitehorse. There is an accessible boat launch at the lake and a private campground nearby.

Fish Lake 2010

Overall Status

Lake Trout

The results from this survey indicated Fish Lake has a large population of small-body lake trout. This population appears healthy. Lake trout appear to be the top predators in this moderately productive lake.

Lake Whitefish

Fish Lake does not contain lake whitefish. The additional fish species sampled in this lake included arctic grayling and a small population of round whitefish.

Recommendation

The recommendation from the 2010 survey is to revisit and sample this lake in 2012 to compare results.

Lake Trout

Overview

Fifty lake trout were captured during the survey. No lake trout were sampled for age structures. As such, we are unable to present length/age relationships.

Population Estimate and Density

The lake trout population was estimated at **41,787** (ranging between 31,770 – 52,486). This corresponds to an estimate of 30.1 lake trout per hectare.

Length and Weight

Lake trout ranged in size from 265 mm to 865 mm in fork length. The average length was 426 mm, while the average weight was 926 g.

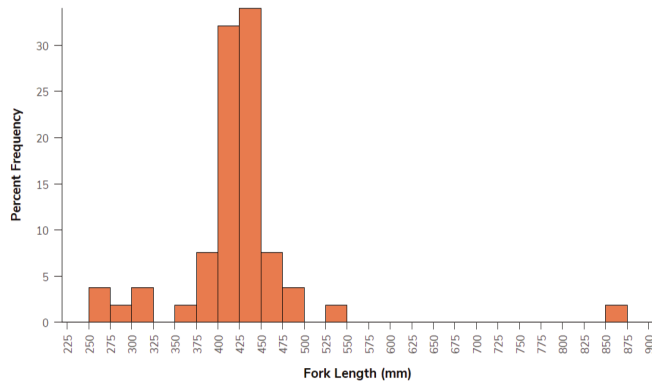


Figure 1. Length frequency distribution of sampled lake trout in Fish Lake (2010), n = 50.

Lake Whitefish

Overview

During the survey of Fish Lake, no lake whitefish were captured.

Temperature and Dissolved Oxygen

Temperature and oxygen profiles were not assessed during the 2010 survey, as this specialized equipment was not available.