



PARRY SOUND AREA LAKE SUMMARIES



Brought to you compliments of:

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Axe Lake

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Revised:

Location:

MNR District:..... Parry Sound
Geographic Township: Monteith, McMurrich & Stisted
Municipal Township: McMurrich/Monteith & Huntsville
Watershed: North Muskoka River
Angling Division: 15

Basin and Terrain Characteristics:

Lake Survey Year: 1975
Surface Area:..... 265.3 hectares (1952)
Maximum Depth: 12.8 meters
Mean Depth: 2.5 meters
Perimeter: 10.3 km
Island shoreline: 0.3 km
Littoral Zone: 84%
Thermal Regime: Cool
Shoreline Development: 2 Cottages
Access Points: Road
Water Level: Not Regulated
Crown Land: 25% Shoreline

Water Quality:

(Parameters pertain to fisheries habitat only. For information on potability of water or contaminants, contact Min. of Health and Min. of Environment.)

Secchi reading: 1.2 meters
Colour: Yellow/Brown

Dissolved Oxygen:**Alkalinity:** 6.8 mg/l - (1983) Extremely Sensitive 2 (MOE, 1989)**pH:** 4.8**Total Phosphorus:****M.E.I.:** 7.4**“Guide to eating fish”:** No Information**Fisheries:****Game Fish Species:** Largemouth Bass, Smallmouth Bass (1945), Brook Trout (1959), Kamloops Trout (1959)**Other Species:** White Sucker, Brown Bullheads, Pumpkinseed, Cisco (1954), Iowa Darter, Blacknose Shiner**Exotic Species:** None recorded**Stocking Record:** 1986 Largemouth Bass 20 adult
1978 Largemouth Bass 206 adult
1959 Speckled Trout 1,000 yearling
1959 Kamloops Trout 1,000 yearling
1958 Kamloops Trout 1,000 yearling
1958 Speckled Trout 1,000 yearling
1957 Kamloops Trout 3,000 yearling
1957 Speckled Trout 3,000 yearling
1956 Kamloops Trout 2,000 yearling
1956 Speckled Trout 2,000 yearling
1955 Speckled Trout 2,000 yearling
1955 Kamloops Trout 2,000 yearling
1954 Speckled Trout 2,000 yearling
1954 Kamloops Trout 2,000 yearling
1945 Smallmouth Bass 10,000 fry
1944 Smallmouth Bass 800 fingerling**Stress Type:** Exploitation, Acidification**Use Type:** Recreation, Recreational Fishing**Summary of Fisheries Studies / Reports:**OMNR 1986 **Lady Lake Large Mouth Bass Study** (Draft)

- Bioassay type study in which largemouth bass were transferred from Axe Lake to Lady Lake to determine if receiving lake toxic
- Result is non-toxic after a two-week period. (no long-term conclusions)

OMNR 1981 August **Largemouth Bass Assessment**

- 439 transferred from Axe Lake to other recipient lakes

OMNR 1981 July **Largemouth Bass Assessment**

- 145 transferred from Axe Lake to Nine Mile Lake

Keddy, P. A. 1980 **The coastal plain flora of an inland lake near Georgian Bay** (Draft)

- Rare shoreline vegetation types identified on Axe Lake

Walden, F. A, 1954 Management of The Fishery of The Muskoka River System, **A Brief Biological Study of Axe Lake**

- Smallmouth bass planting of 1944 and 45 unsuccessful as no specimens found in survey
- Recommends attempting stocking Speckled and Kamloops trout as an experiment

Management Prescription:

Manage as self-sustaining largemouth bass fishery.