



## PARRY SOUND AREA LAKE SUMMARIES



Brought to you compliments of:

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### **Bolger Lake**

*Created: June 03*

*Revised:*

#### **Location:**

MNR District:..... Parry Sound  
Geographic Township: ..... Burton  
Municipal Township: ..... Whitestone  
Watershed: ..... Magnetawan River  
Angling Division: ..... 15

#### **Basin and Terrain Characteristics:**

Lake Survey Year: ..... 1975  
Surface Area:..... 340.4 hectares  
Maximum Depth: ..... 19.8 meters  
Mean Depth: ..... 5.3 meters  
Perimeter: ..... 27.4 km  
Island shoreline: ..... 2.9 km  
Littoral Zone: ..... 63%  
Thermal Regime: ..... Cool  
Shoreline Development: ..... 19 Cottages  
Access Points: ..... Road  
Water Level: .....  
Crown Land: ..... 60% 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: 4.8 meters (1998)  
Colour: Blue/Green

**Dissolved Oxygen:****Alkalinity:** 6.8 mg/l – Level 2 Extremely Sensitive (MOE, 1989)**pH:** 7.5**Total Phosphorus:** Average 0.005 mg/l**M.E.I.:** 3.2**“Guide to eating fish”:** No Information**Fisheries:****Game Fish Species:** Walleye, Largemouth Bass, Yellow Perch, Rock Bass, Northern Pike (1999), Smallmouth Bass**Other species present:** Cisco, Pumpkinseed, Brown Bullhead (1999), White Sucker (1999)**Exotic Species:****Stocking Record:** 1952 Smallmouth Bass 300 fingerling  
Pre 1974 Cottagers introduce Northern Pike (Anecdotal)**Stress Type:** Acidification**Use Type:** Recreation, Recreational Fishing**Summary of Fisheries Studies / Reports:**Brown, B., 2001 Bolger Lake **Walleye Spawning Site Assessment**

- Six creek sites, shoals and shoreline assessed for spawning capabilities and enhancement potential.
- No creek observed is suitable for enhancement.
- A shoal off Gray’s cottage is the best area for enhancement.

McIntyre, E. 1999 **1999 Synoptic Trapnet Survey Report**

- Walleye was the dominant catch being 63.7% of the biomass.
- Walleye catch is comparatively high against the district average.
- The percentage of forage fish biomass was unusually low.

The Magnetawan Pioneer Society, 1996 **Creel Census of the Bolger Lakes**

- Effort per fish caught was 2.22 rod hours

**Management Prescription:**

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