



## PARRY SOUND AREA LAKE SUMMARIES



Brought to you compliments of:

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### Giroux Lake

*Created: Oct. 03*

*Revised:*

#### **Location:**

MNR District:..... Parry Sound  
Geographic Township: ..... Wallbridge  
Municipal Township: ..... Unincorporated  
Watershed: .....  
Angling Division: ..... 15

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

Lake Survey Year: ..... 1976  
Surface Area:..... 115.6  
Maximum Depth: ..... 5.8 meters  
Mean Depth: ..... 2.9 meters  
Perimeter: ..... 11.8 km  
Island shoreline: ..... 0.5 km  
Littoral Zone: ..... 94%  
Thermal Regime: ..... Cool  
Shoreline Development: ..... 5 cottages, 1 resort  
Access Points: ..... Road (Public)  
Water Level: ..... Not Regulated  
Crown Land: ..... 95% 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: 1.8 meters  
Colour: Yellow/Brown

**Dissolved Oxygen:****Alkalinity:** 6.8 mg/l - Level 3 Moderately Sensitive (MOE, 1989)**pH:** 7.5**Total Phosphorus:****M.E.I.:** 9.8**“Guide to eating fish”:** No Information**Fisheries:****Game Fish Species:** Northern Pike, Smallmouth Bass, Walleye, Yellow Perch**Other species present:** White Sucker, Golden Shiner, Brown Bullhead, Rock Bass, Pumpkinseed, Johnny Darter**Exotic Species:**

**Stocking Record:** 1974 Smallmouth Bass 5,000 fingerling  
1971 Smallmouth Bass 1,000 fingerling  
1963 Smallmouth Bass 1,000 fingerling  
1961 Smallmouth Bass 1,000 fingerling  
1959 Smallmouth Bass 1,000 fingerling  
1957 Smallmouth Bass 300 fingerling  
1956 Smallmouth Bass 300 fingerling  
1953 Smallmouth Bass 250 fingerling  
1952 Smallmouth Bass 300 fingerling  
1951 Smallmouth Bass 300 fingerling  
1950 Smallmouth Bass 400 fingerling  
1940 Smallmouth Bass 500 fingerling

**Stress Type:****Use Type:** Snowmobile Trail, Recreation, Recreational Fishing, Tourism Based Industry**Summary of Fisheries Studies / Reports:****McIntyre, E. 2001 Synoptic Trapnet Survey Report Summer, 2001**

- The primary purpose of the survey was to assess the status of the walleye and smallmouth bass populations and secondarily, that of other species in the near-shore fish community utilizing 8 foot trapnets.
- Indices of abundance indicate that walleye are doing very well in this lake, pike – good and smallmouth bass – poor. The poor showing of smallmouth bass is attributed to sub-optimal habitat conditions for this species.
- Giroux Lake has a relatively simple fish community that appears to be in a very healthy and stable condition at this time.
- A grand total of 226.09 kilograms of fish, comprising 7 species was caught in 12 over-night trapnet sets. The Catch-Per-Unit-Effort by weight (CPUE-wt) was 18.84 kilograms / net set . Relative to 16 synoptic trapnet surveys recently conducted in the Parry Sound Area (since 1994), this index of productivity ranks 6<sup>th</sup> and is essentially equivalent to the average of

<p>17.741 kg/net set.</p> <ul style="list-style-type: none"> <li>Game fish (walleye, smallmouth bass and northern pike) comprised 70.5% of the total biomass of fish captured. Coarse fish comprised (common white sucker and brown bullhead) comprised 29.3% and pan fish (rock bass and yellow perch) a meager 0.2%. Although the percentage of game fish in the catch was only slightly above the average of 62.3% for the above mentioned 16 surveys, what was most impressive is that walleye alone accounted for 51.3% of the weight of all fish caught.</li> <li>From 12 over-night trapnet sets, our CPUE-no was 6.8 walleye / set (standard error – 1.58). Relative to 16 recently completed trapnet surveys in the Parry Sound Area, this value ranks 5<sup>th</sup> and well the average of 4.1 walleye / net set.</li> <li>Our smallmouth bass <i>CPUE-no</i> was 1.8 bass per net set (standard error 1.57). This index of smallmouth bass abundance is well below the average of 5.0 bass / net set from 24 ‘<i>smallmouth / walleye</i>’ lakes similarly surveyed in the Parry Sound Area since 1986. Similarly, our smallmouth bass <i>CPUE-wt</i> was 2.01 kg/net set, also well below the average of 3.43 kg/net set from 15 recently surveyed lakes (since 1994) for which this statistic is available. Smallmouth bass abundance on Giroux Lake is “below average” for comparable type lakes in the Parry Sound Area that have recently been similarly surveyed.</li> </ul>
<p>McIntyre, E. 2001. <b>2001 Fall Walleye Index Netting Interim Report</b></p> <ul style="list-style-type: none"> <li>Abundance was considered average for walleye and northern pike whereas smallmouth bass was considered low</li> </ul>

<b>Management Prescription:</b>