



## PARRY SOUND AREA LAKE SUMMARIES



Brought to you compliments of:

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### Sugar Lake

*Created: November 03*

*Revised:*

#### **Location:**

**MNR District:**..... Parry Sound

**Geographic Township:** ..... Christie

**Municipal Township:** ..... Seguin

**Watershed:** .....

**Angling Division:** ..... 15

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

**Lake Survey Year:** ..... 1971

**Surface Area:**..... 148.9 hectares

**Maximum Depth:** ..... 16.8 meters

**Mean Depth:** ..... 6.0 meters

**Perimeter:** ..... 9.7 km

**Island shoreline:** ..... 2.1 km

**Littoral Zone:** ..... 65%

**Thermal Regime:** ..... Cool

**Shoreline Development:** ..... 62 Cottages

**Access Points:** ..... Road (Public)

**Water Level:** ..... Not Regulated

**Crown Land:** ..... 20% 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:** 4.6 meters

**Colour:** Yellow/brown (1982)

**Dissolved Oxygen:** Anoxic Hypolimnion <1.4 mg/l (1998)  
**Alkalinity:** 20.5 mg/l – Level 2 Extremely Sensitive (MoE, 1989)  
**pH:** 6.0  
**Total Phosphorus:**  
**M.E.I.:** 2.8

**“Guide to eating fish”:** No Information

## **Fisheries:**

**Game Fish Species:** Smallmouth Bass, Lake Trout (1966), Rainbow Trout (2000), Northern Pike (1980, Anecdotal), Yellow Perch

**Other species present:** Cisco, White Sucker, Golden Shiner, Creek Chub, Pumpkinseed

**Exotic Species:** Spiny Water Flea (1998)

**Stocking Record:** 2001 Rainbow Trout 2,000 ~ 6 inch  
2000 Rainbow Trout 2,000 ~ 2.5 to 6 inch  
1966 Lake Trout 1,000 yearling  
1966 Lake Trout 2,000 yearling  
1964 Lake Trout 1,000 yearling  
1961 Lake Trout 1,000 17 weeks  
1960 Lake Trout 1,000 11 weeks  
1958 Lake Trout 1,000 yearling  
1957 Lake Trout 2,000 fingerling  
1956 Lake Trout 1,500 yearling  
1955 Lake Trout 1,000 3 month  
1954 Lake Trout 2,000 yearling  
1953 Lake Trout 1,000 (?)  
1950 Smallmouth Bass 400 fingerling

**Stress Type:** Acidification, Invasive Species

**Use Type:** Recreation, Recreational Fishing

## **Summary of Fisheries Studies / Reports:**

MNR 1975 Note to File: **Lake Trout**

- Sugar Lake formerly contained native self-reproducing Lake Trout, which now are considered extinct due to changes in lake chemistry and exploitation

<b>Management Prescription:</b>
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