

Natural. Valued. Protected.

Lake Fact Sheet – Parry Sound District Shoe Lake

Location	
Official Name:.....	Shoe Lake Local Names:.....
County/District:.....	Muskoka Geographic Twp:.....
Municipality:.....	Township of Lake of Bays MNR Admin. Area:.....
Lat./Long:.....	45.208 N 78.908 W UTM (NAD83):.....
Topographic Map (1:50,000):.....	31E02 Drainage Basin:.....
	South Muskoka River

Physical Features		
Surface Area (ha):.....	39 Maximum Depth (m):.....	16 Mean Depth (m):.....
Elevation (m asl):.....	351 Perimeter (km):.....	5.0 Island Shoreline (km):.....
Volume (10 ⁴ m ³):.....	236 Watershed (km ²):.....	1.0 Water Clarity (m):.....
	(excludes area of lake)	6.3

Land Use and Development	
Crown Land (%):.....	15 Provincial Parks:.....
	none
Shoreline Development:.....	moderate; shoreline residential
Access:.....	public; boat launch on Shoe Lake Road off of Hwy 35
Water Level Management:.....	not regulated

Fish Species	
Major Fish Species:.....	lake trout (S), smallmouth bass (I 2012), largemouth bass (I 2013)
Other Fish Species:.....	yellow perch, pumpkinseed, rock bass (I 2013)
Other Species:.....	

Notes: E: extirpated, I: introduced – intentional or accidental, O: occasional, R: remnant, S: currently stocked, ?: status uncertain, 2009: year of first record or introduction if known, blank: presumed native

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Fisheries Management

<i>Fisheries Management Zone:</i>	15
<i>Designation for Lake Trout Management:</i>	designated; put-grow-take; at development capacity
<i>Fishing Regulation Exceptions:</i>	lake trout open all year
<i>Current Stocking:</i>	lake trout; put-grow-take – no natural reproduction is expectedstocked every second year with yearlings
<i>Historic Stocking (last year stocked):</i>	brook trout (1964), rainbow trout (1987)
<i>Contaminants:</i>	none
<i>Assessment:</i>	Completed Projects:
	1927 Lake Survey
	1966 Lake Survey
	1972 Lake Survey
	2012 Winter angling spot checks
	2012 Summer Profundal Index Netting (targets lake trout)
	2013 Supplemental lake trout assessment using Broad-scale Monitoring gear
	Water chemistry profiles are collected on a regular basis

Synopsis

Shoe Lake is a small coldwater lake in Ridout Township. It is not known if lake trout were native to the lake. Its ability to support a lake trout population is restricted by its' small size and limited deep water habitat. Temperature-oxygen profiles indicate that some lake trout habitat does exist with anoxia occurring in the bottom four meters.

In the winter of 2012, spot checks of angling activity were done on days expected to have high use (weekends and March Break). Five checks were done with no effort, or sign of effort, being observed; although a local resident did report that angling does occur occasionally in the winter.

The one day SPIN survey in 2012 caught no fish, though smallmouth bass were observed along the shoreline. Supplemental netting using Broad-scale monitoring gear in 2013 captured six lake trout, including one very small individual which appeared to be the result of natural reproduction. Rock bass and largemouth were also captured, the first records of these species in the lake.

In 2014, an Environmental Registry posting was done, proposing to no longer manage Shoe Lake for Lake Trout. Support from the cottagers and the results of the 2013 assessment resulted in the decision to continue managing for lake trout, and the continuation of stocking. It is uncertain whether the lake will be able to continue to support a reasonable population and fishery due to the recent illegal introductions of three species of bass.

Updated: 2015

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Refer to Lake Fact Background Information document for explanation of content.

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