

Natural. Valued. Protected.

Lake Fact Sheet – Parry Sound District

Muldrew Lakes

Location	
<i>Official Name:</i> Muldrew Lakes	<i>Local Names:</i> North, Middle and South Muldrew Lake
<i>County/District:</i> Muskoka	<i>Geographic Twp:</i> Wood, Muskoka
<i>Municipality:</i> Town of Gravenhurst	<i>MNR Admin. Area:</i> Bracebridge
<i>Lat./Long:</i> 44.9000 N 79.4428 W	<i>UTM (NAD83):</i> 17 622946 4973021
<i>Topographic Map (1:50,000):</i> 31D14	<i>Drainage Basin:</i> Severn River

Physical Features		
<i>Surface Area (ha):</i> 420	<i>Maximum Depth (m):</i> 18	<i>Mean Depth (m):</i> 7
<i>Elevation (m asl):</i> 229	<i>Perimeter (km):</i> 46	<i>Island Shoreline (km):</i> 8
<i>Volume (10⁴ m³):</i> 2940	<i>Watershed (km²):</i> 49 (excludes area of lake)	<i>Water Clarity (m):</i> 2.8

Land Use and Development	
<i>Crown Land (%):</i> 15	<i>Provincial Parks:</i> none
<i>Shoreline Development:</i> high; commercial, shoreline residential	
<i>Access:</i> public; via North Muldrew Lake Road	
<i>Water Level Management:</i> regulated; water level is control by an MNR owned and operated dam. Flows and levels are managed in accordance with the dam operating plan.	

Fish Species
<i>Major Fish Species:</i> smallmouth bass (I), largemouth bass (I), northern pike (I 2007)
<i>Other Fish Species:</i> yellow perch, cisco (lake herring), pumpkinseed, white sucker, brown bullhead rock bass (I), sculpin spp.(2011)
<i>Other Species:</i>

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

Lake Fact Sheet – Parry Sound District Muldrew Lakes

Fisheries Management

<i>Fisheries Management Zone:</i>	15
<i>Designation for Lake Trout Management:</i>	not designated
<i>Fishing Regulation Exceptions</i>	no lake-specific exceptions
<i>Current Stocking:</i>	none
<i>Historic Stocking (last year stocked):</i>	smallmouth bass (1947), walleye (1989)
<i>Contaminants (species tested):</i>	largemouth bass, yellow perch, rock bass, brown bullhead, pumpkinseed
<i>Assessment:</i>	<i>Completed Projects:</i>
	1975 lake survey
	1987 trap netting assessment

Synopsis

The Muldrew Lakes are in practice a single waterbody with two long narrow parallel arms situated between the bedrock ridges typical of the area and connected by a channel. It is believed that both species of bass were not native to the lake; though stocking occurred before the first survey was done. Smallmouth bass were stocked intentionally by the government as early as 1945. There is no record of largemouth bass stocking; they probably became established as a result of unauthorized stocking. Walleye have been introduced on two occasions but a reproducing population has not been become established. The tea-stained waters should provide good habitat for this species but the barren bedrock of the area and absence of significant tributaries may not supply suitable spawning areas.

Northern pike have been reported on more than one occasion by anglers. They have probably become established through an intentional, but unauthorized stocking.

A sculpin was submitted by an angler in 2011. Sculpins are probably native to the lake but due to their small size and secretive nature are seldom seen.

Updated: 2011

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

This information is supplied without expressed or implied warranty of any kind, including warranty of fitness for a particular purpose. In no event will the Ministry of Natural Resources be liable for any damages, whether incidental, consequential or direct in conjunction with, or arising from the furnishing or use of this information.