

Metadata for: Sudbury Area Reference Lakes Water Chemistry

This table provides essential information about the program data.

Title	Sudbury Area Reference Lakes Water Chemistry
Abstract	<p>Water chemistry data from lakes (spatial and temporal survey) primarily from the Sudbury area of Ontario for the period of 1981 to 2019. Several lakes spread throughout the Sudbury acid rain damage zone had a natural buffering capacity that protected them from experiencing a severe drop in lake pH. Twenty four of these lakes were selected to act as a local non-acidified reference set, for intermittent monitoring of baseline conditions in the region. Water chemistry sampling included several key monitoring components, including:</p> <ul style="list-style-type: none">• Acidity: pH, alkalinity, sulphate• Nutrients• Colour, clarity and organic matter• Metals and other ions
Status	Ongoing
Contact	<p>Name: Brie Edwards Voice: 705-670-7609 Email: Brie.Edwards@ontario.ca Organisation: Ministry of the Environment, Conservation and Parks Position: Research scientist Role: Point of contact</p>
Keywords	SUDBURY REGION, REFERENCE, ENVIRONMENTAL MONITORING, WATER QUALITY, INLAND LAKES, WATER CHEMISTRY
Use Limitations	None
Geographic Bounds	<p>Sudbury region, Northeastern Ontario</p> <p>From 46.3 deg N / 82.2 deg W to 47.5 deg N / 80.1 deg W.</p>
Date Stamp	Wednesday February 9, 2022