

Metadata for: Inland Waters Lakes and Streams – Water Chemistry

This table provides essential information about the program data.

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| Title | Inland Waters Lakes and Streams – Water Chemistry |
| Abstract | <p>This data set includes information on water quality for lakes and streams across Ontario, since 1976. Data were collected as part of routine monitoring of water quality of inland waters and for scientific and research purposes.</p> <p>Chemistry data for water samples collected from lakes and streams in Ontario, includes major anions and cations, nutrients, chlorophyll and metals. All samples were analyzed at Ministry of the Environment, Conservation and Parks' laboratories in Dorset and Toronto.</p> <p>Details on sampling methods, study design and laboratory analysis, as well as guidance on interpretation of these data are available upon request.</p> <p>There are 3 data files in this dataset, they include</p> <p>Inland Lakes Chemistry Muskoka Area: data collected from 10 inland lakes in south-central Ontario that were sampled bi-weekly to monthly during the ice-free season (i.e. typically April to November) and 24 inland lakes in this area that were sampled once per year in spring</p> <p>Inland Streams Chemistry Muskoka Area: data collected at a single monitoring location at a headwater stream. Data were collected weekly, biweekly or monthly from 25 small streams connected to inland lakes in south-central Ontario. The lakes that the streams connect to are monitored for water flow discharge.</p> <p>Inland Lakes Annual Chemistry Sudbury Area: data for samples collected once per year from 44 lakes in the Sudbury area. Samples were collected from a midpoint on the lake, during mid-summer (i.e. late June through early August). Method of collection was a non-volume weighted tube composite up to 1994, and a surface grab sample from 1995 to present. This is known as the Sudbury Extensive Lake Monitoring program.</p> |
| Status | Ongoing |
| Contact | <p>Name: Johnny Su Address: 1026 Bellwood Acres Rd., Dorset, Ontario, P0A1E0 Email: johnny.su@ontario.ca Organisation: Ministry of the Environment, Conservation and Parks Position: Inland Lakes Data Management Officer Role: Point of contact</p> |
| Cited Responsible Parties | Environmental Monitoring and Reporting Branch, Ministry of the Environment, Conservation and Parks |
| Keywords | LAKE, STREAM, WATER, WATER QUALITY, CHEMISTRY, ENVIRONMENTAL MONITORING, NUTRIENTS, CHLOROPHYLL, MUSKOKA, SUDBURY, ALGAE, PHYTOPLANKTON |
| Geographic Bounds | District Municipality of Muskoka Nipissing District Parry Sound District Sudbury District Greater Sudbury |
| Supplemental Information | <p>Additional information on Sudbury area monitoring programs can be found here: https://www3.laurentian.ca/livingwithlakes/wp-content/uploads/2012/06/Data-Report-25-Years-of-Extensive-Monitoring-of-Acidified-Lakes-in-the-Sudbury-Area-1981-to-2005.pdf</p> <p>Additional information on Muskoka area monitoring programs can be found here: http://www.desc.ca</p> |

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| | <p>This dataset is related to: Inland Waters Lakes and Streams – Biological Communities Inland Waters Lakes and Streams – Physical Conditions Ontario Lake Partner https://data.ontario.ca/dataset/ontario-lake-partner Ontario Benthos Biomonitoring Network https://data.ontario.ca/dataset/ontario-benthos-biomonitoring-network</p> |
| Date Stamp | |

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