BC Lakes Stewardship Society

2021 Secchi Dip-In;
Water Clarity and Surface Temperature

Secchi Depth (m)

- 1
- 2.5
- 5
- 10

Surface Temperature (°C)

- 15
- 26.8
- No data

Features

- BC
- Lakes

Circles are absolutely scaled, temperature data is classified continuously

Charlie Lake
Tchesinkut Lake
Nukko Lake
Bednesti Lake
Nadsilnich Lake
Norman Lake
Dragon Lake
Williams Lake
Tatla Lake
Ruth Lake
Lac Des Roches
East Barriere Lake
Big Bar Lake
White Lake
Gun Lake
Heffley Lake
Logan Lake
Lazy Lake
Wasa Lake
St. Mary Lake
Lazy Lake
Lost Lake
Alta Lake
Alpha Lake
Nita Lake
Great Central Lake
ComoLake
Osoyoos Lake
Quenelle Lake
Somenos Lake
Eagles Lake
Fork Lake
Prospect Lake
Langford Lake

Secchi depth is a measure of water clarity and is a good indicator of the impacts of human activity on the land surrounding a water body. It can serve as an early warning that activities on land are affecting water quality.

A deeper Secchi depth indicates clear water while a shallow Secchi depth suggests less clear water.

Since 1994, more than 10,000 volunteers have generated 42,000 transparency records, giving a glimpse of lake water transparency at sites across North America and the world. Participation in BC's annual secchi Dip-In has been steadily declining, but the data is more important now than ever!

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0 50 100 200 Kilometers

Data source: BC Lakes Stewardship Society, 2021
Provincial Boundary from Statistics Canada, 2016
Map projection: UTM Zone 9