



The New Great Lakes Water Use Database

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What is the Great Lakes Commission?

Public interstate compact agency established in 1955

Ontario and Québec joined as associate members in 1999

Facilitates consensus building and advocates for the interests of member states and provinces

Great Lakes-St. Lawrence River Basin Watersheds



The GLC's Regional Water Use Database

GLC has managed the Database since 1987

Binational effort to report on Great Lakes water use

Primary responsibility for management rests with the Great Lakes states and provinces

Water use data managers from each jurisdiction coordinate effort to report data

Annual Reports available 1987-1993 and 1998-2022

Agreement Article 301/ Compact Section 4.1

Develop and maintain a water resources inventory of compatible water use information

Report all diversions and withdrawals/consumptive uses more than 100,000 GPD (379,000 LPD)

- Users report annually to the States/Provinces
- States/Provinces report annually to the database
- Great Lakes Commission makes data public through its Annual Report

Parties improve scientific understanding of the impacts of withdrawals and diversions

Database Upgrades

With support from GSGP, GLC contracted developers to update the database and its public-facing website

DIG used data manager feedback to address limitations and add features

Upgrades include:

- Streamlined data/metadata entry process
- Improved public-facing data query tool
- Enhanced security features
- Modernized style that aligns with GLC and GSGP sites