

Great Lakes Compact and some possible models

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The Great Lakes Basin



A vertical satellite image on the left side of the slide shows a river system with several dark, winding channels and a large, irregularly shaped reservoir or lake. The surrounding terrain is light-colored, likely representing land or snow. The image is oriented vertically, with the river flowing from top to bottom.

Drivers - Diversions

**Powder River Coal Company
1980**

Nova Proposal 1998

A vertical satellite image of the Great Lakes region, showing the five large lakes (Superior, Michigan, Huron, Erie, and Ontario) and the surrounding landmasses in shades of blue and white.

Great Lakes Charter of 1985

**Federal Water Resources
Development Act of 1986**

Great Lakes Charter Annex 2001

A vertical satellite image on the left side of the slide shows the Great Lakes basin and the St. Lawrence River. The water bodies are dark blue, and the surrounding land is a lighter blue-grey. The St. Lawrence River is visible as a narrow channel extending from the bottom of the Great Lakes towards the top of the frame.

Great Lakes – St. Lawrence River Basin
Sustainable Water Resources
Agreement

Great Lakes – St. Lawrence River Basin
Water Resources **Compact**

A vertical satellite image of a river basin, showing a network of waterways and surrounding land. The image is positioned on the left side of the slide.

Key Elements of Agreement and Compact

Diversions

- All new or increased diversions prohibited.
 - Exceptions:
 - Straddling communities
 - Communities in straddling counties
 - Intra-Basin transfers
 - Exemptions:
 - Ballast water
 - Short-term fire fighting
 - Humanitarian needs

An aerial photograph of a river basin, showing a network of waterways and surrounding land. The water is a deep blue, and the land is a lighter, textured blue-grey. The river flows from the top left towards the bottom right, with several tributaries branching off.

Key Elements of Agreement and Compact

In-Basin Uses

- State, Provincial management and regulation.
- Use of common decision making standard.
- State/Provincial flexibility for determining thresholds.
- State/Provincial opportunity to comment on all large new or increased consumptive uses.

A vertical satellite image of a coastline, showing a dark blue sea on the left and a lighter blue landmass on the right. The landmass has several dark, irregular shapes that could be lakes or forested areas. The image is positioned on the left side of the slide.

Key Elements of Agreement and Compact

Conservation and Efficiency


- Regional goals and objectives
 - Development within 2 years.

- State, Provincial goals, objectives, programs
 - Consistent with regional goals and objectives.
 - Regional review every 5 years.

- Proposals
 - Conservation, efficiency measures.
 - Conservation, efficient use of existing water supplies.

- **Ohio Legislation**
- HB 416
- Effective Dec. 8, 2008
- Advisory Board
 - June 2010
 - Conservation (Voluntary)
 - Baseline
 - Regulatory
 - Thresholds



A vertical satellite image of Earth's surface, showing a large body of water with several dark, irregular shapes representing landmasses or islands. The image is positioned on the left side of the slide.

Managing our Water Resources in an Era of Climate Change

Models

Water Conservation

Water withdrawal assessment tool

www.miwwat.org

ELOHA

Science on water resources

Cumulative Impacts



Assistance Available

- Council of Great Lakes Governors
 - 312.407.0177
 - www.cglg.org
- Ohio Department of Natural Resources
 - Ted Lozier
 - 614.265.6728

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