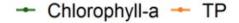
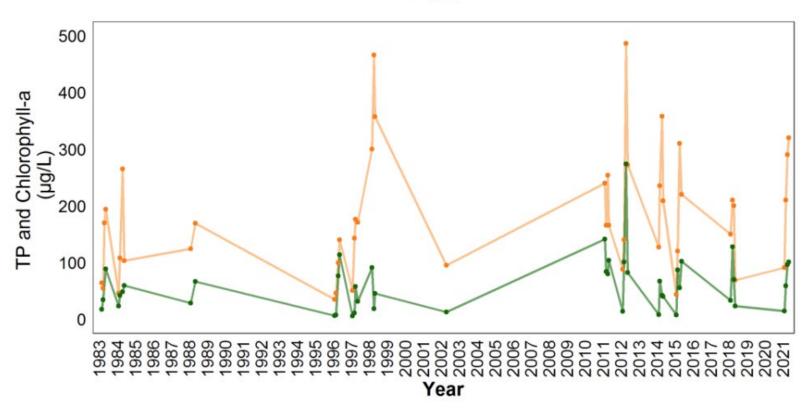




- Participatory program
- Established in 1996
- Currently intensive monitoring on 30 lakes annually.
- Long term trends in water quality.

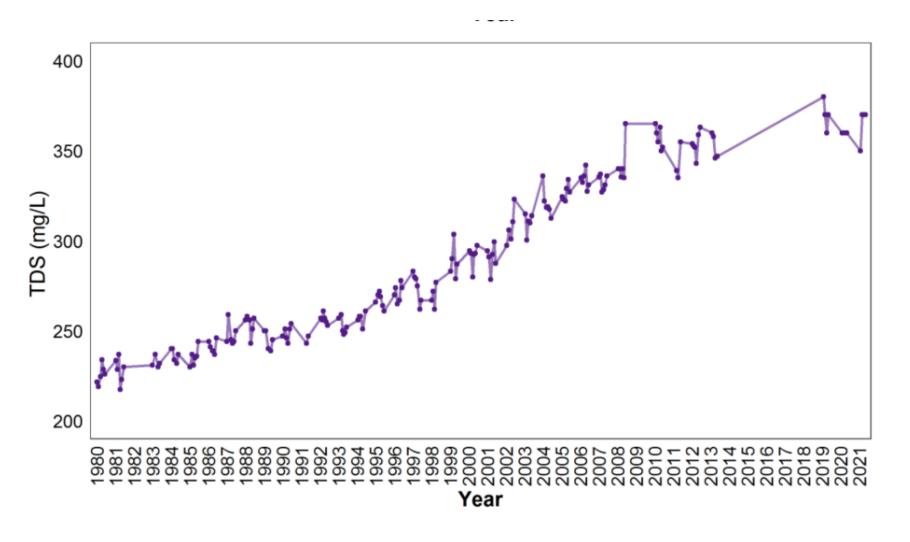
# Long Term Trend Analysis of Phosphorus and Chlorophyll





ALMS Reports: www.alms.ca/reports

#### Long Term Trend Analysis of Total Dissolved Solids

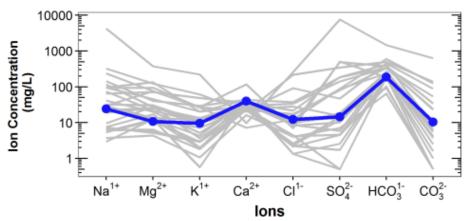


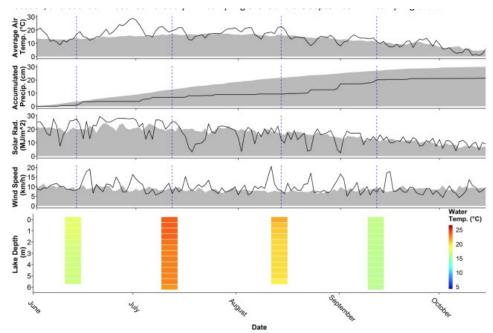
### Understanding Ion Chemistry

Ouceutration

Na<sup>1+</sup> Mg<sup>2+</sup> K<sup>1+</sup> Ca<sup>2+</sup> Cl<sup>1-</sup> SO<sub>4</sub><sup>2-</sup> HCO<sub>3</sub><sup>1-</sup> CO<sub>3</sub><sup>2-</sup>

Impact of Road Salts on our Freshwaters <a href="https://alms.ca/2021-webinar-series/">https://alms.ca/2021-webinar-series/</a>





### Understanding Annual Weather



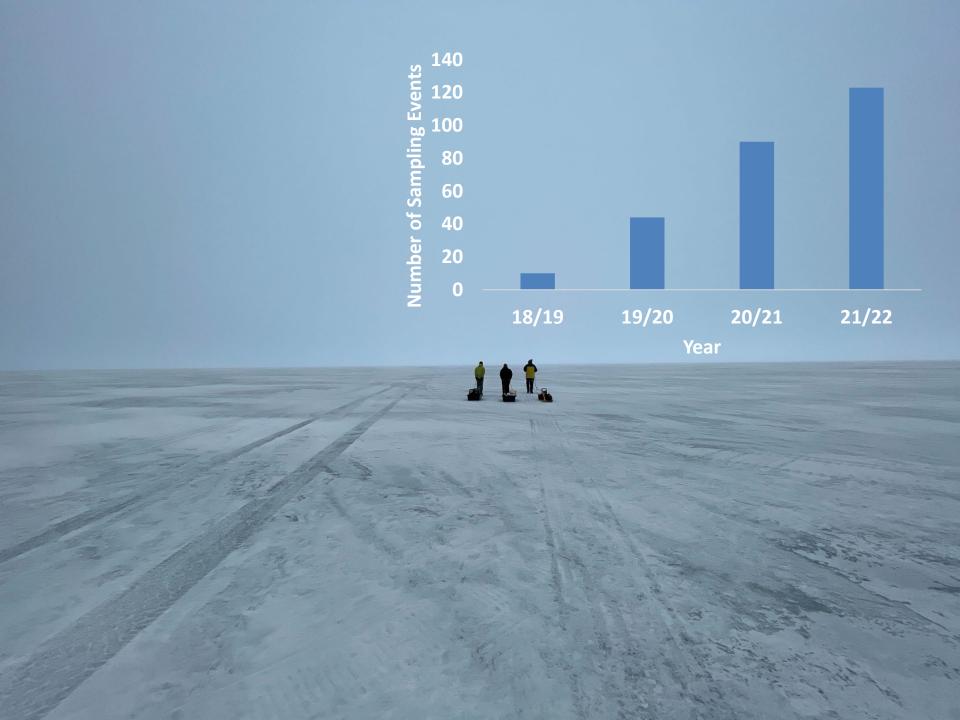
- Accessing LakeWatch Data:
  - ALMS Website
    - www.alms.ca/reports
  - Provincial Water Quality Portal
    - https://www.alberta.ca/surface-water-quality-data.aspx
  - Water Levels
    - rivers.alberta.ca



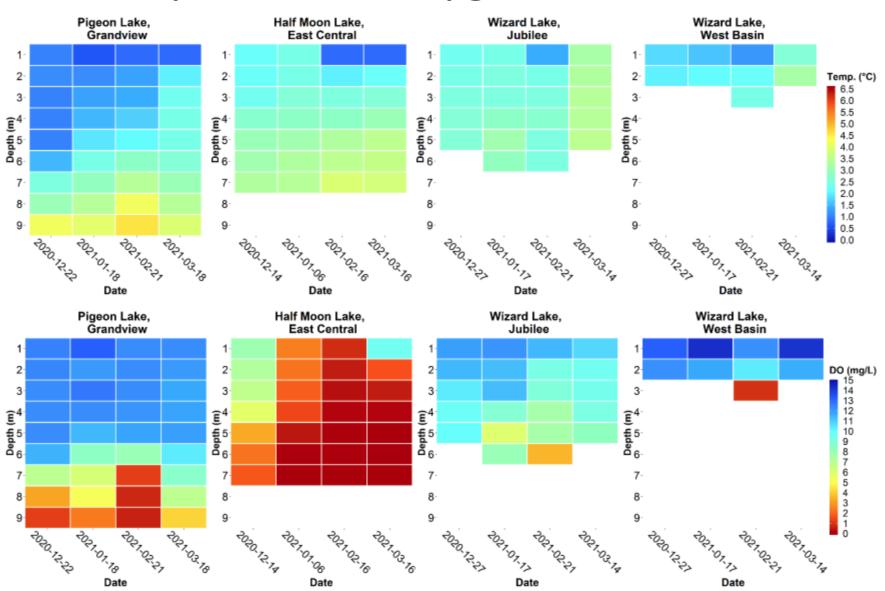








## Winter Reports Highlight Nutrients, Temperature, Oxygen, and More.

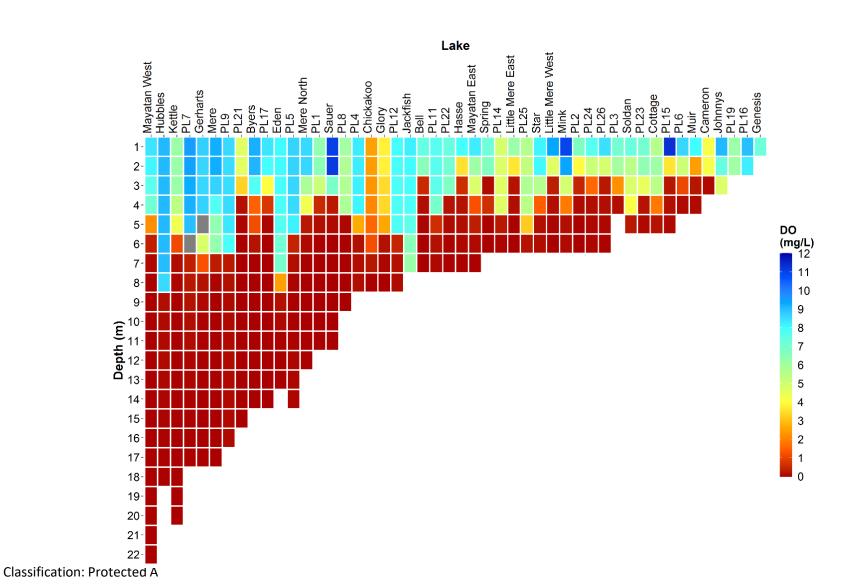








#### 50 lakes monitored in 2022



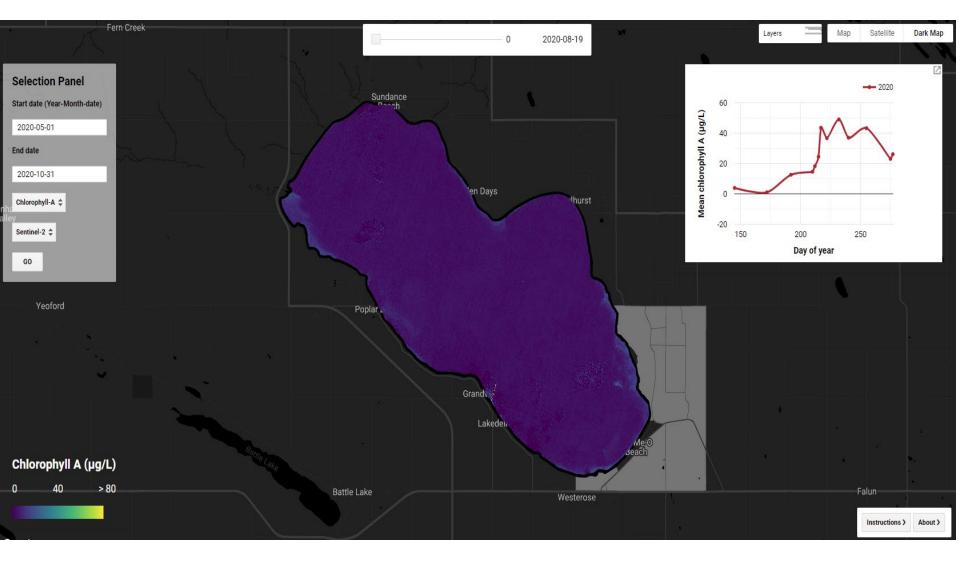


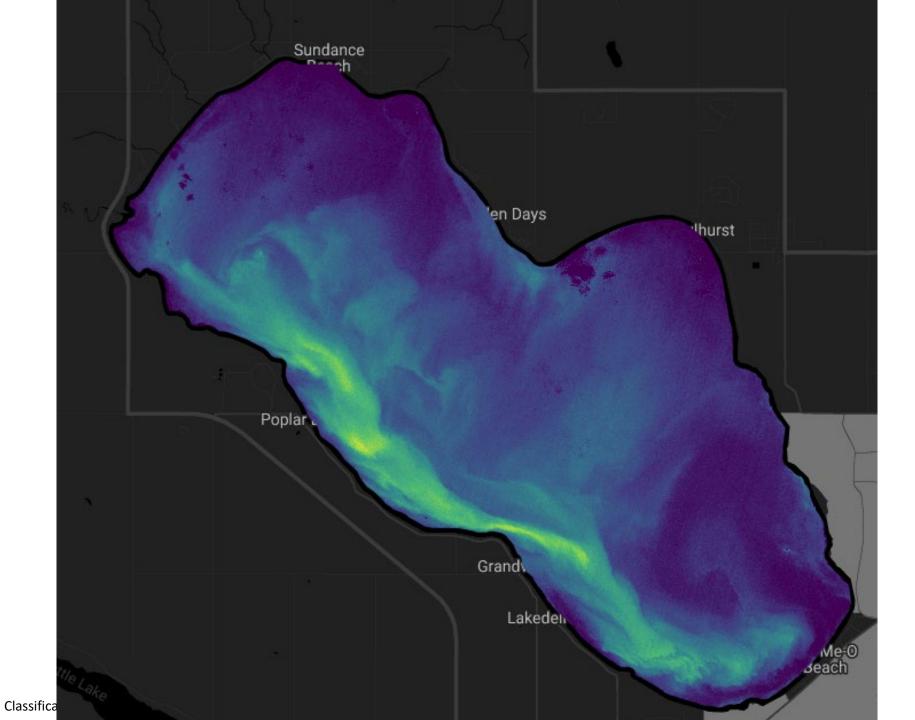


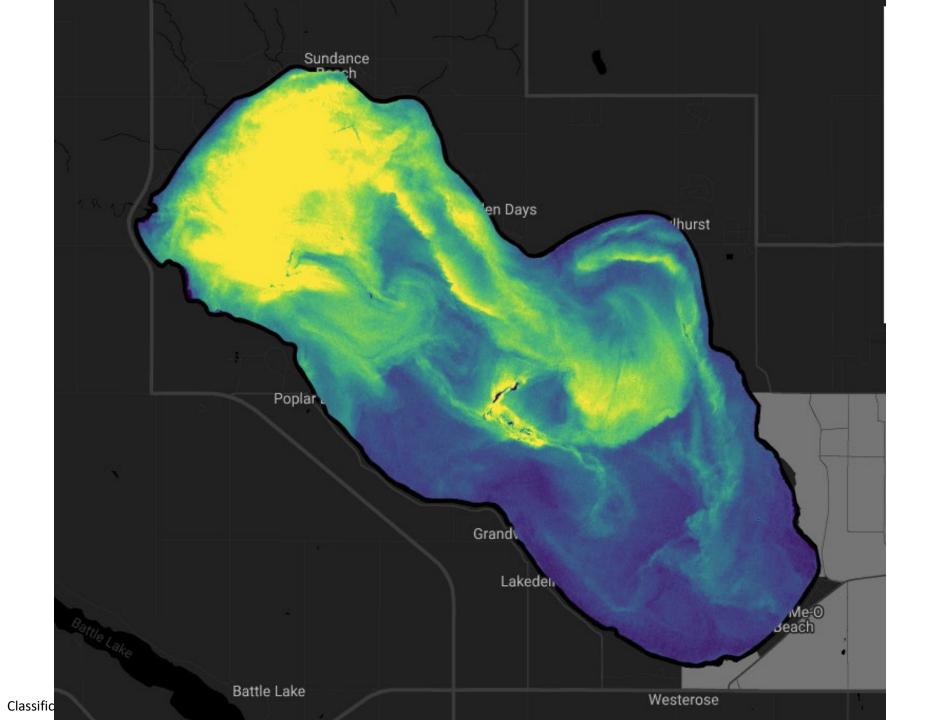
- Accessing LakeKeepers Data
  - ALMS Website
    - https://alms.ca/summer-lakekeepers/
    - https://alms.ca/winter-lakekeepers/
  - DataStream
    - https://gordonfoundation.ca/initiatives/datastream/

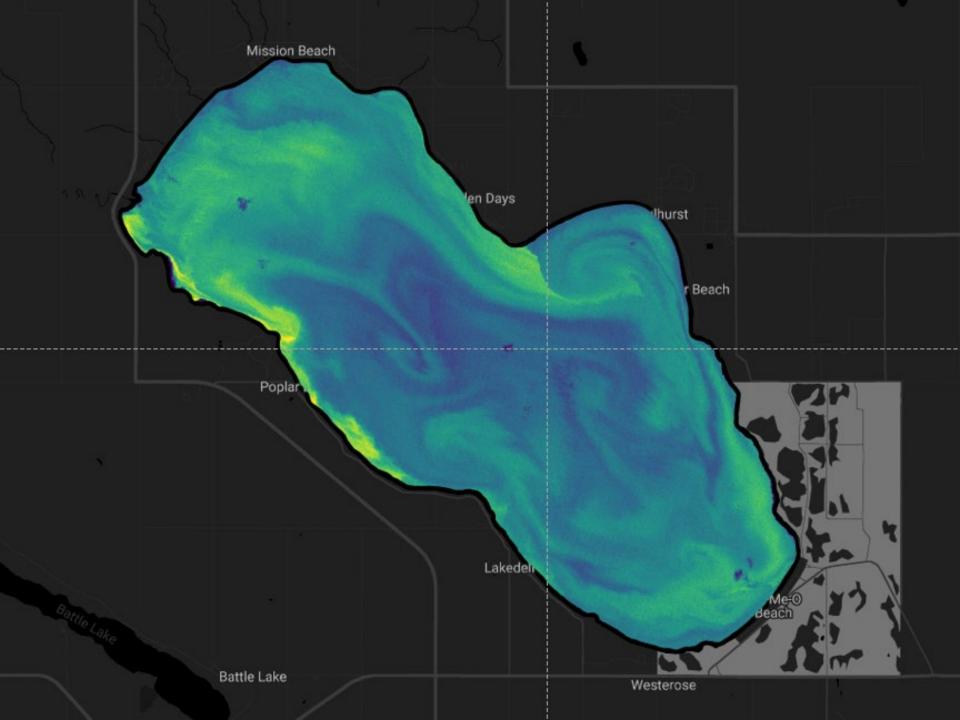


### LakeWatch in Space











#### Thanks to the NSWA for their support in watermilfoil monitoring.



#### Lake Stewardship Community of Practice

The Lake Stewardship Community of Practice is hosted by the Alberta Lake Management Society and supported by the Land Stewardship Centre of Canada.



https://alms.ca/lake-stewardship-community-of-practice/

| Date             | Торіс  |
|------------------|--|
| May 2022         | Community Engagement featuring Blake Bartlett of the Wizard<br>Lake Watershed Stewardship Society  |
| July 2022        | Advocating for your Lake featuring Don Davidson and Catherine<br>Pierce of the Pigeon Lake Watershed Association   |
| September 2022   | Lake Management SWOT Analysis  |
| February<br>2023 | <b>High and Low Lake Water Levels</b> : featuring Kellie Nichiporik of the Moose Lake Watershed Society and Peter Cordingley of the Muriel Lake Basin Management Society |

Classification: Protected A

## Find us on Facebook -Alberta Lake Stewardship-



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