

Continuous Data Logger Processing App

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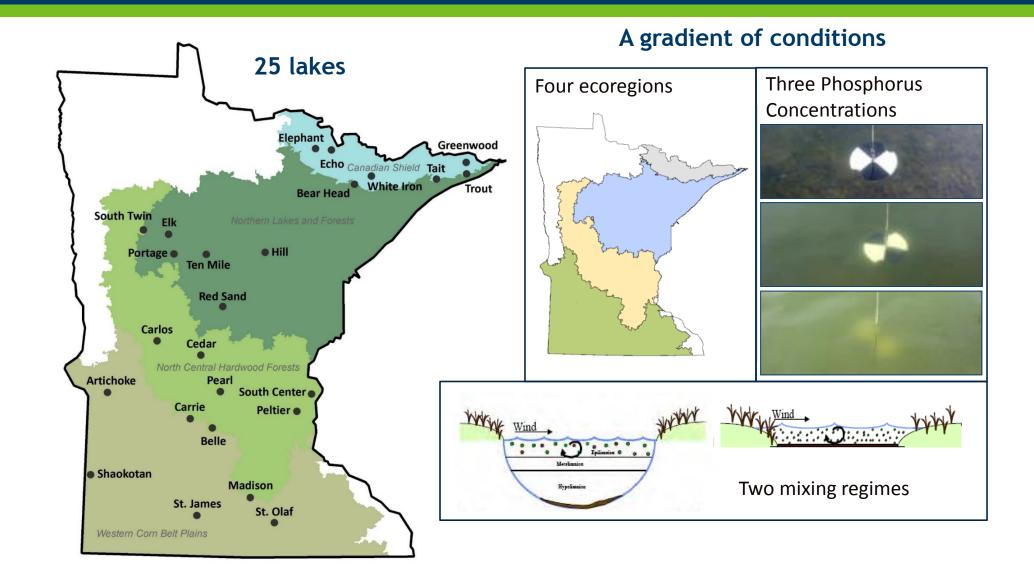


Sentinel Lakes Program

- Long-term lake monitoring program started in 2008
- Collaborative effort led by the Minnesota Department of Natural Resources and the Pollution Control Agency and teams with multiple other agencies and researchers



Sentinel Lakes Program



Sentinel Lakes Data

- Water Chemistry (PCA)
- Phytoplankton (PCA)
- Zooplankton (EWR)
- Macrophytes (EWR)
- Macroinvertebrates (EWR)
- Ice On/Off (CLM)



- Juvenile Fish (SLP)
- Littoral Fish (IBI)
- Pelagic Fish
 - Vertical gillnets (SLP)
 - Hydroacoustics (FRU)
- Standard Fish Surveys (FMA)



- Water Temperature (FMA & SLP)
- DO (SLP)
- Water Levels (EWR & SLP)



CLM – DNR State Climatology Office

EWR - DNR Ecological and Water Resources

FMA – Fisheries Management Areas

FRU – Fisheries Research Unit

IBI – Fisheries Index of Biotic Integrity Group

PCA – Minnesota Pollution Control Agency

SLP – Sentinel Lakes Program Staff