

Declining Lake Level?

Living Lightly on Less Water

Partnering Sponsors

- Town of Washington, Vilas County
- Wisconsin Association of Lakes

May 2, 2009



Reasons Lake Levels Drop

Global, Regional and Local Climate Patterns

- less precipitation
- higher ambient temperature
- increased evaporation

Reasons Lake Levels Drop

Global, Regional and Local Climate Patterns

- less precipitation
- higher ambient temperature
- increased evaporation

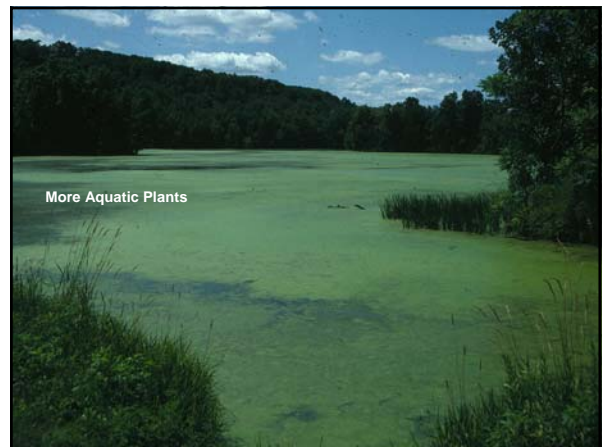
Changes in inflows and outflows

- less ground and surface water inflow
- more ground and surface water outflow
- wells pumping from same aquifer

Lake Type

- seepage
- drainage
- impoundment

Topographical position





AGENDA

What Changes in Lakes as Water Levels Decline
Buzz Sorge, Lake Management Planner, West Central Region

Declining Water Levels Trigger Habitat Changes
Susan Knight, Aquatic Biologist, UW Trout Lake Station and WDNR

Adapting to Low Lake Levels and the Implications of a Changing Climate
Tim Asplund, Statewide Limnologist, WDNR Lakes and Wetlands Section

Presenters' panel for audience's questions