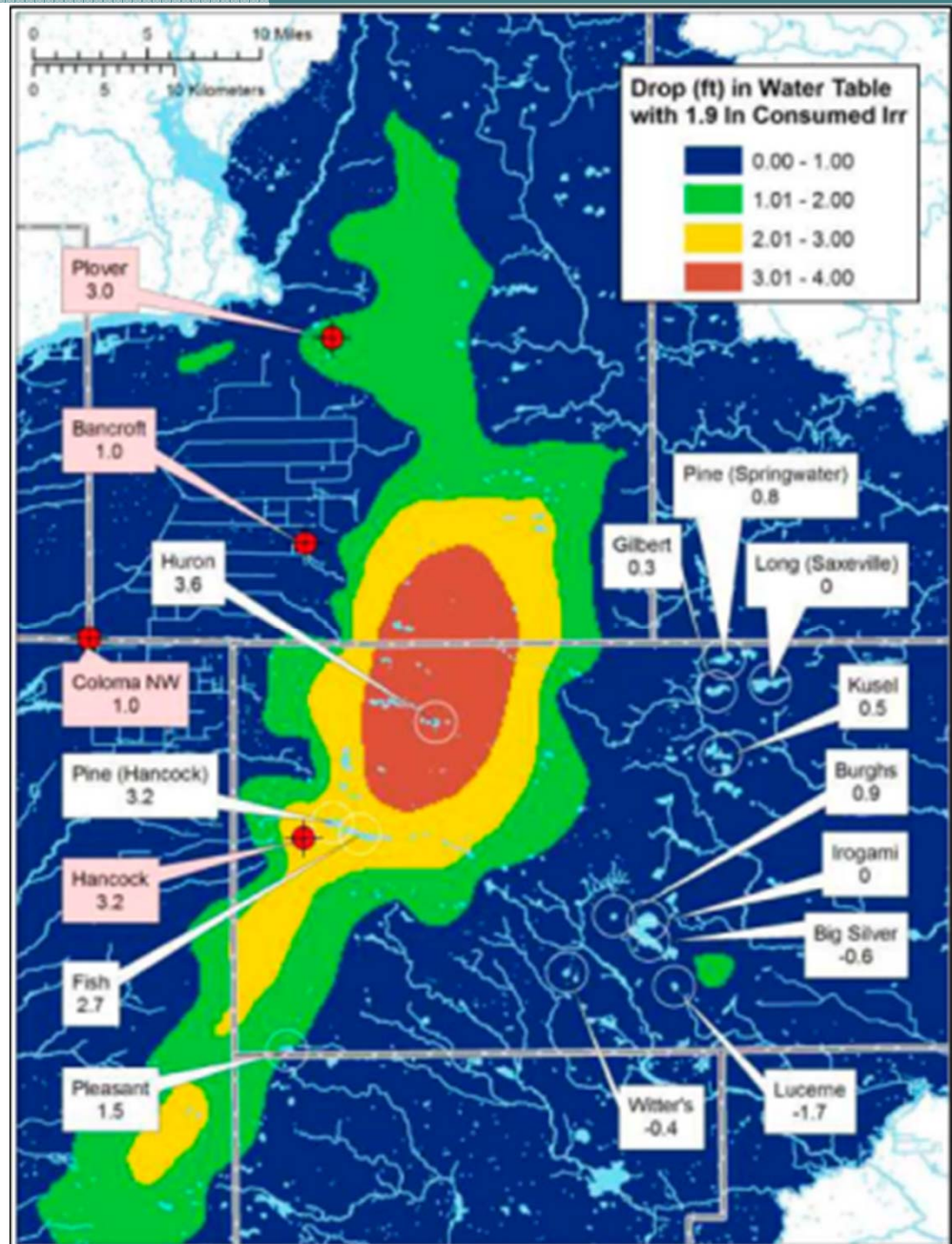



Lake Management Planning: *Considering Water Level Changes*

Center for Watershed Science and Education
UW-Stevens Point
2014

- Statistically estimated water level declines beyond weather influences at monitoring wells (pink) and lakes (white) compared with modeled declines for 1.9 in. reduction in recharge on irrigated lands. (from Kraft et al, 2010)





What should we consider in our Lake Management Plan?



Protect the lake in the face of change

- During periods of low water levels, minimize removal and disturbance of exposed vegetation, logs, stumps, branches, and the lakebed.





Monitor changes and collect data

- Continue lake level monitoring that records lake levels a few times a year, and archive/submit data to the WDNR
- Monitor areas once too deep to support aquatic plant growth for newly established AIS



Advocate

- Work with area legislators to keep existing groundwater pumping protections and develop comprehensive groundwater pumping management laws that allow groundwater pumping consistent with healthy lakes and streams.

Connect

- Work with other groups advocating lake & stream friendly groundwater pumping policies
 - Wisconsin Lakes
 - Central Sands Water Action Coalition
 - Friends of the Central Sands

