



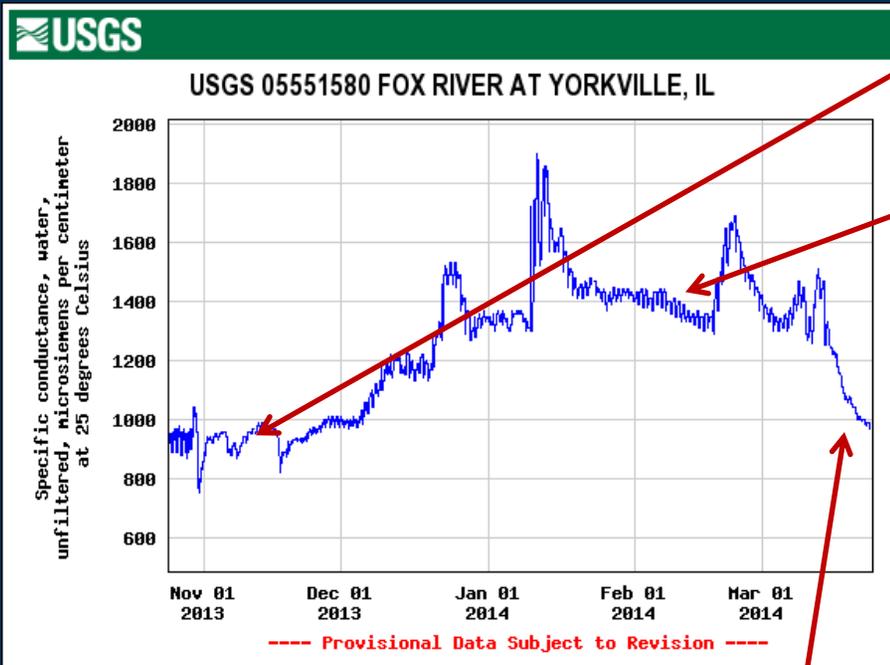
# Winter 2013-14 Specific Conductance Monitoring

**USGS**

**Illinois Water Science Center**

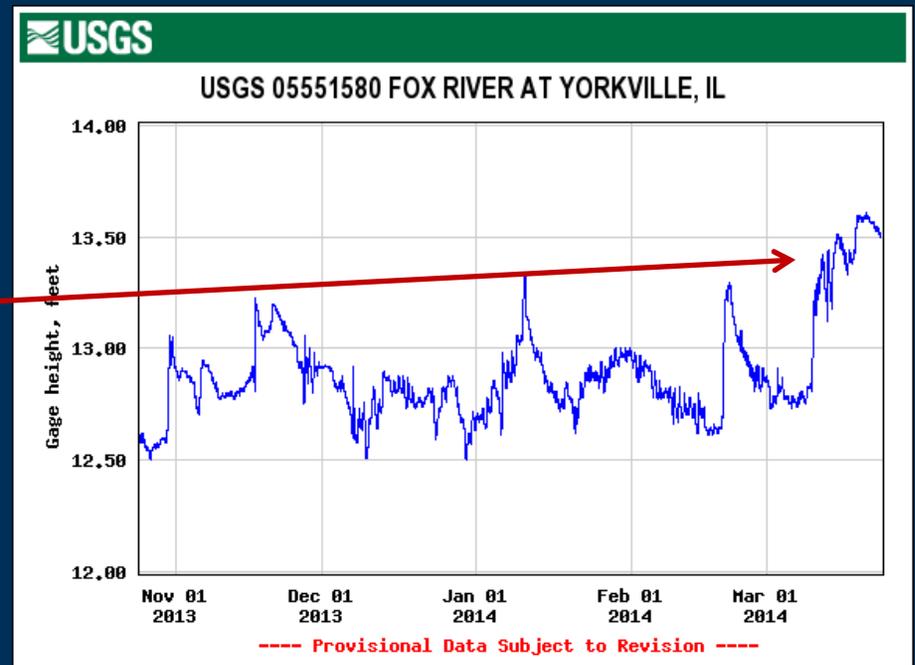
U.S. Department of the Interior  
U.S. Geological Survey

# Fox River at Yorkville

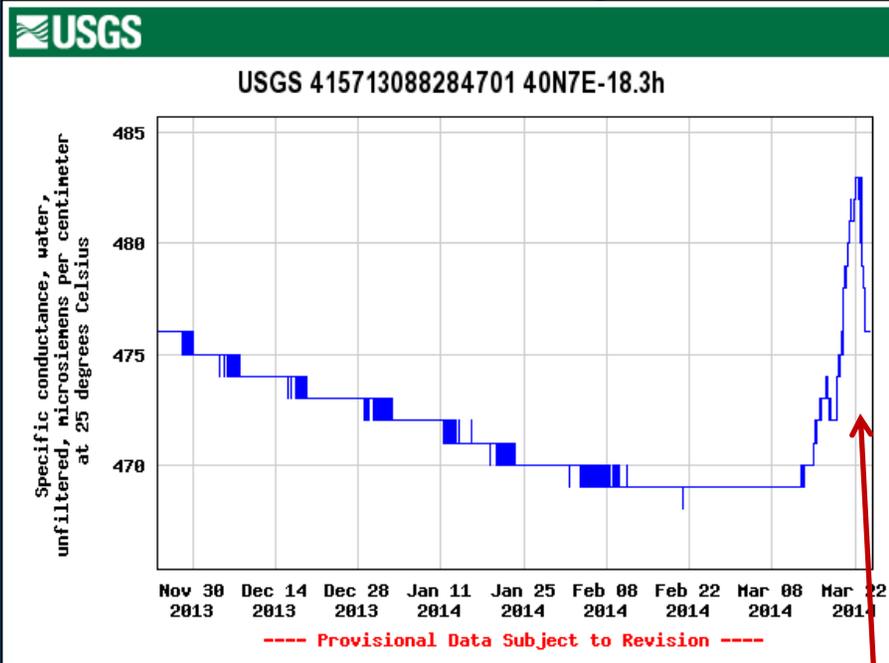


- Pre-winter baseline: around 900  $\mu\text{s}/\text{cm}$
- Winter baseline: around 1400  $\mu\text{s}/\text{cm}$

- Recent decline corresponds to higher water levels --- dilution/system flush???

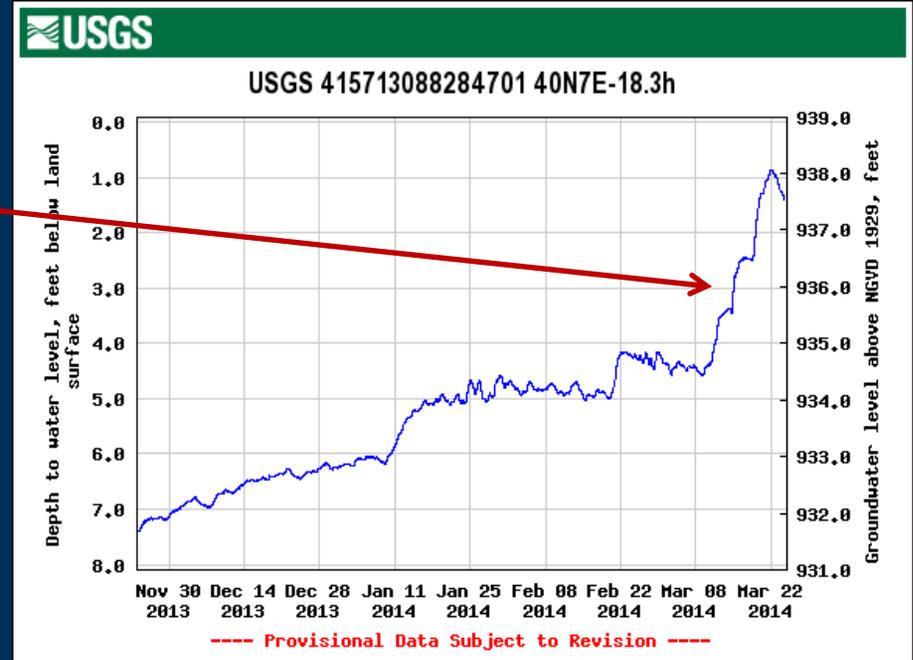


# Kane County – Campton Hills

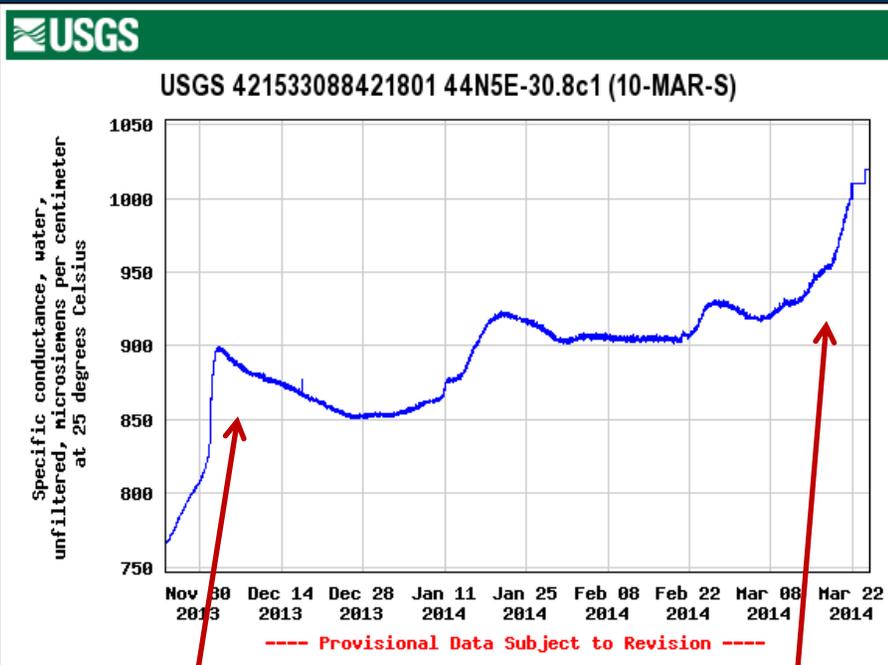


- Shallow sand/gravel
- Well depth: 43 ft

- S.C. rise in March corresponds to early March rainfall/snowmelt and subsequent rise in water levels

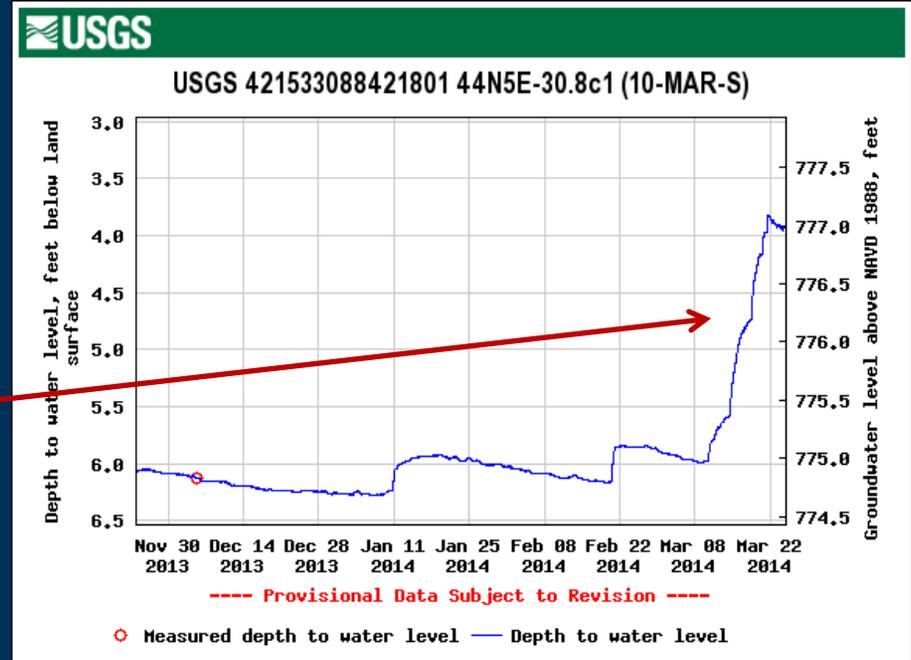


# McHenry County – Marengo Township



- Not sure about the early December rise???
- March rise corresponds to water level rise

- Shallow sand/gravel
- Well depth: 20 ft

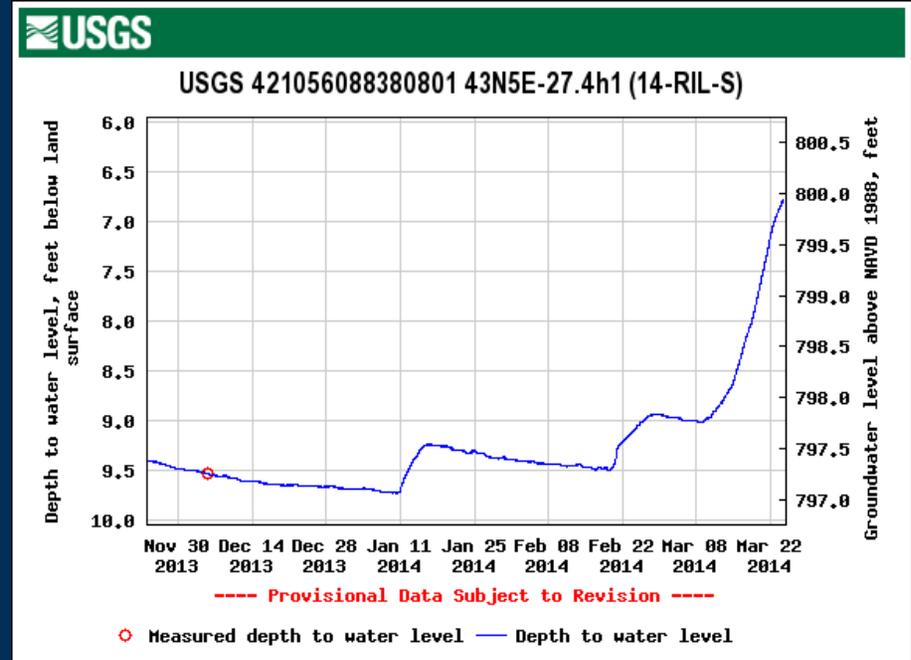


# McHenry County – Riley Township



- Shallow sand/gravel
- Well depth: 20 ft

■ No idea!!!





# Thank You

## Questions?

U.S. Department of the Interior  
U.S. Geological Survey