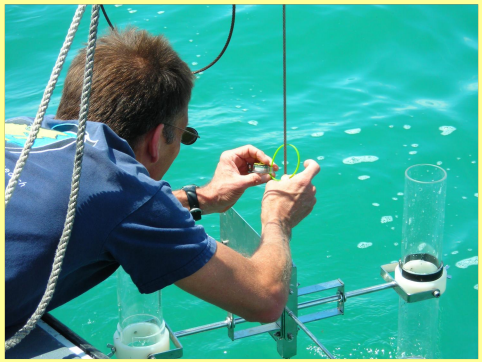
Great Salt Lake Project 3 Progress Report



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Bill Johnson, Univ. of Utah, Salt Lake City, UT

August 2006

THE UNIVERSITY OF UTAH

Great Salt Lake Research Team

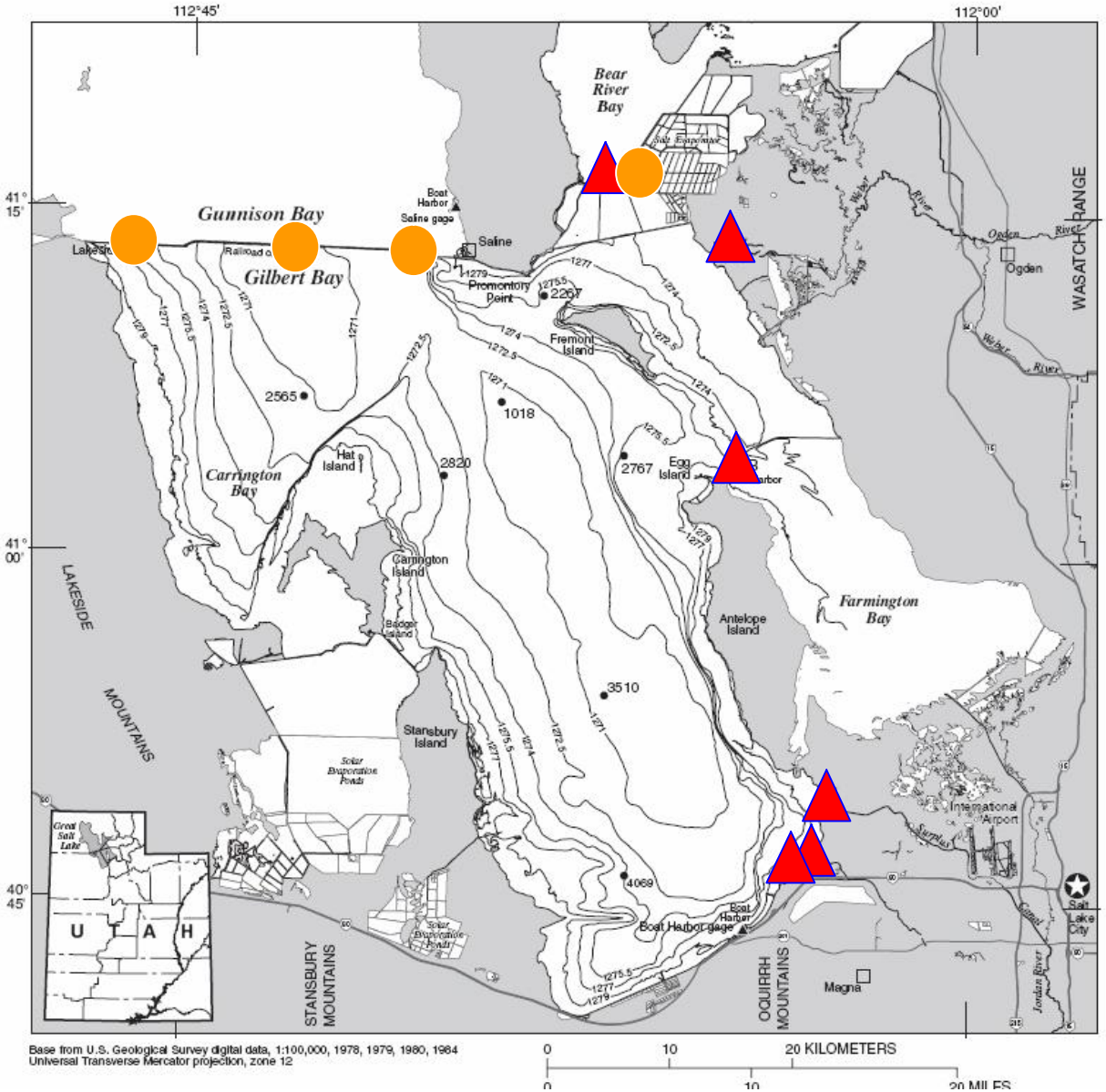
USGS

Project 3 Tasks

- Install four new gages
- Collect monthly water-quality samples at six sites
- Install autosamplers at selected gage sites

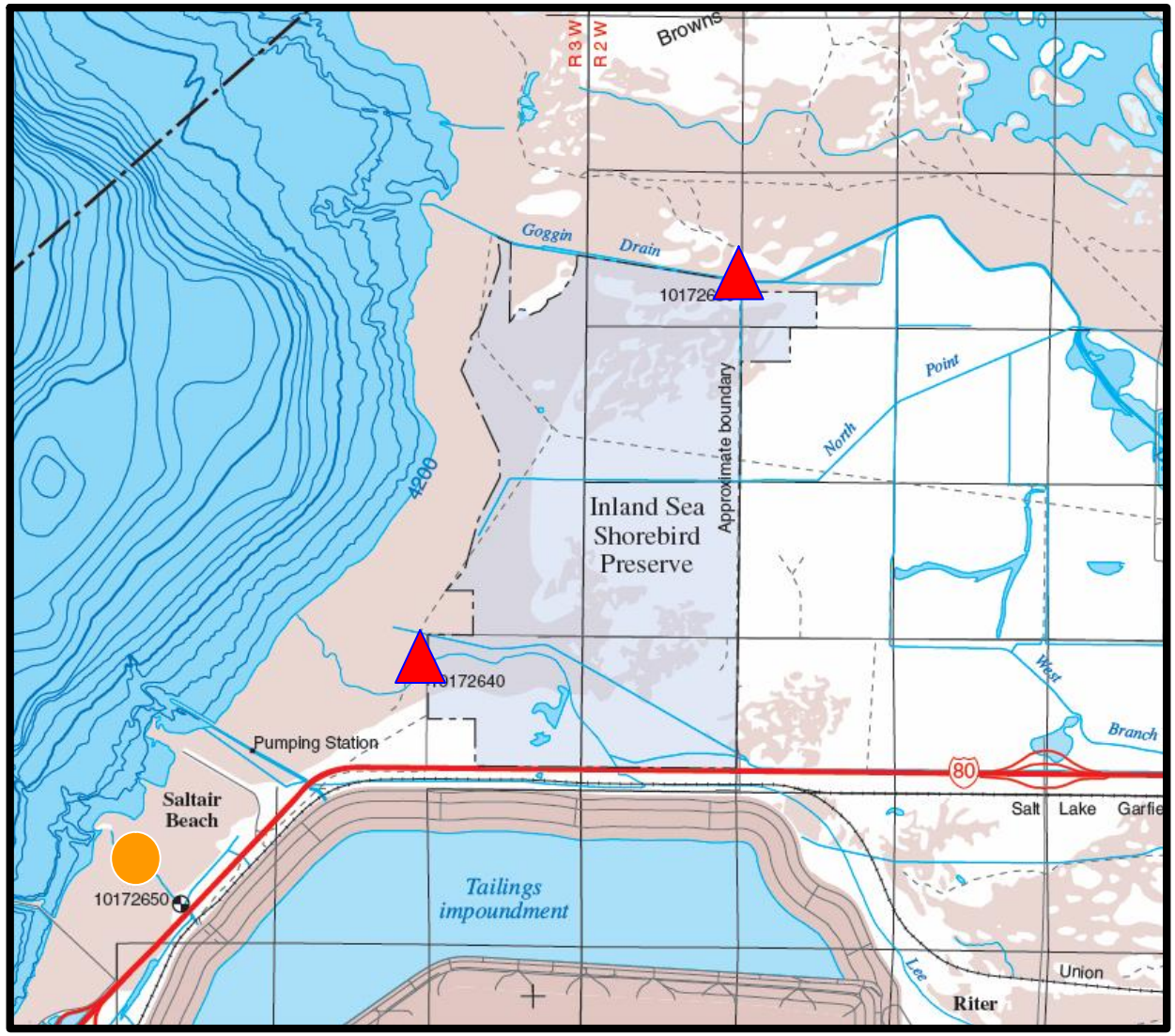
Gage site locations

- Continuous gages
- Intermittent gages/sample points



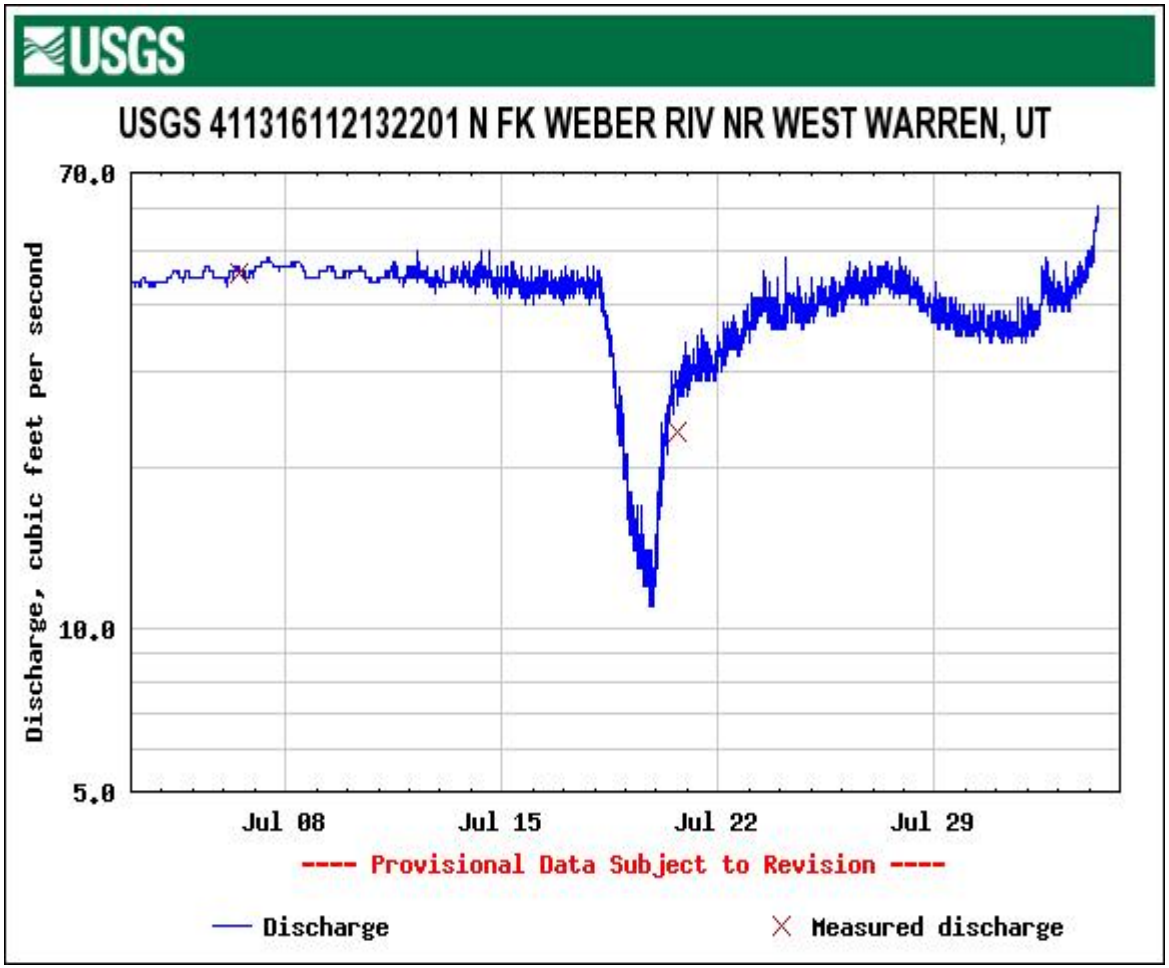
Southern gage site locations

- Standard gage
- Hydroacoustic gage

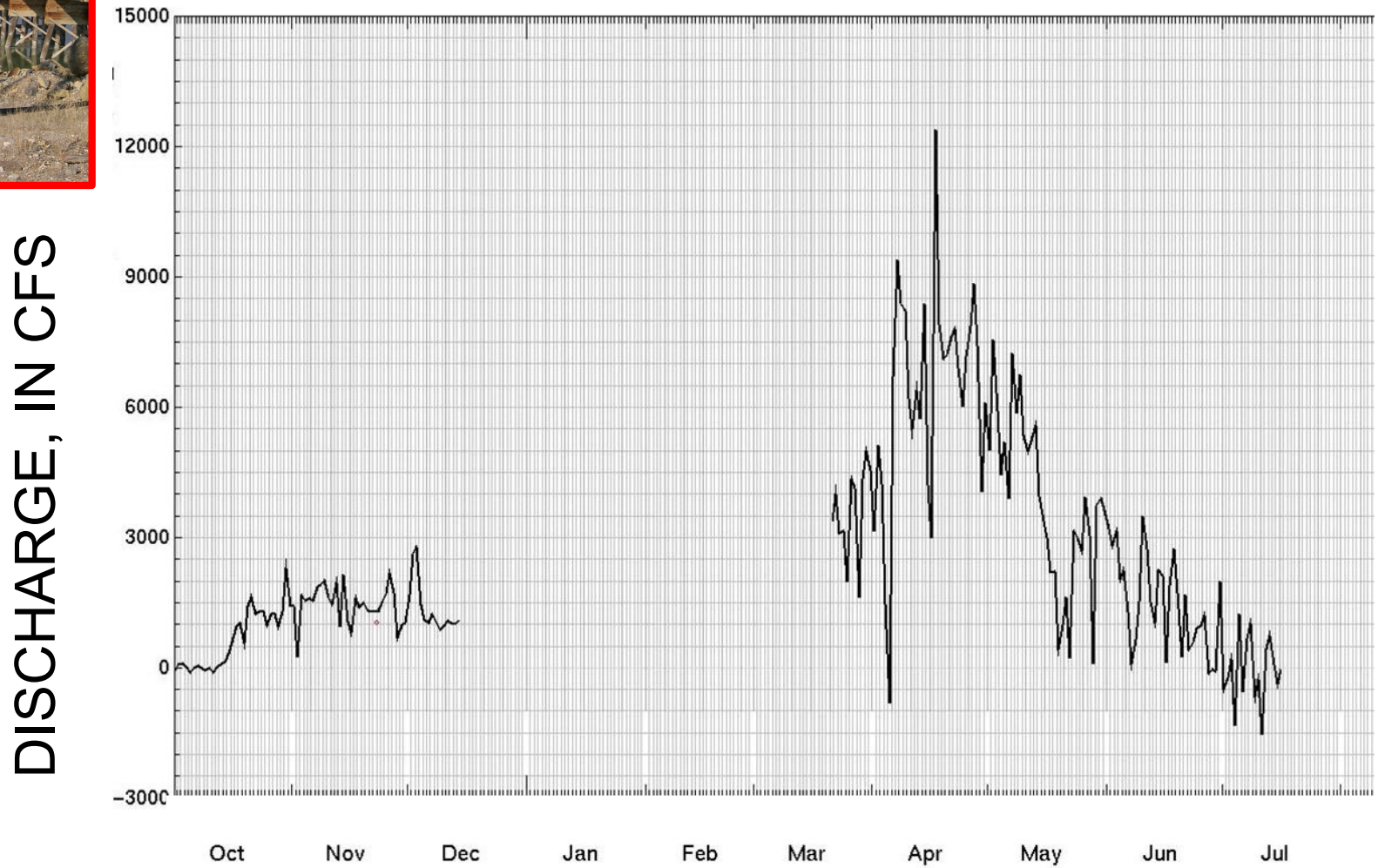


Weber River Inflow

http://waterdata.usgs.gov/ut/nwis/current/?type=flow

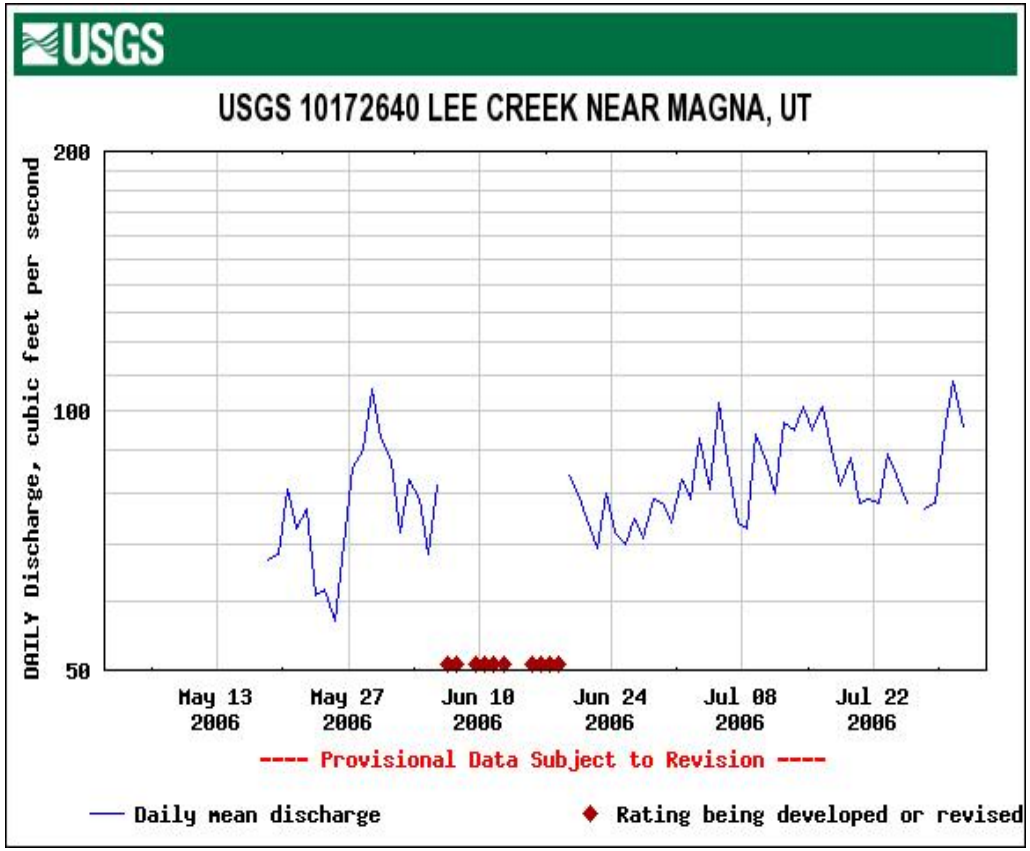


Bear River Inflow

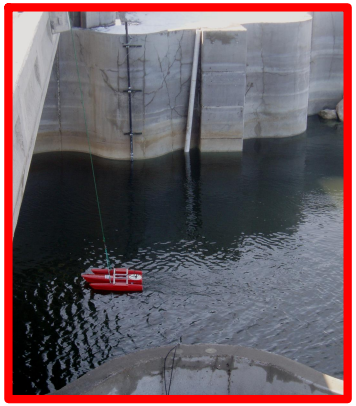


Lee Creek Inflow

http://waterdata.usgs.gov/ut/nwis/current/?type=flow



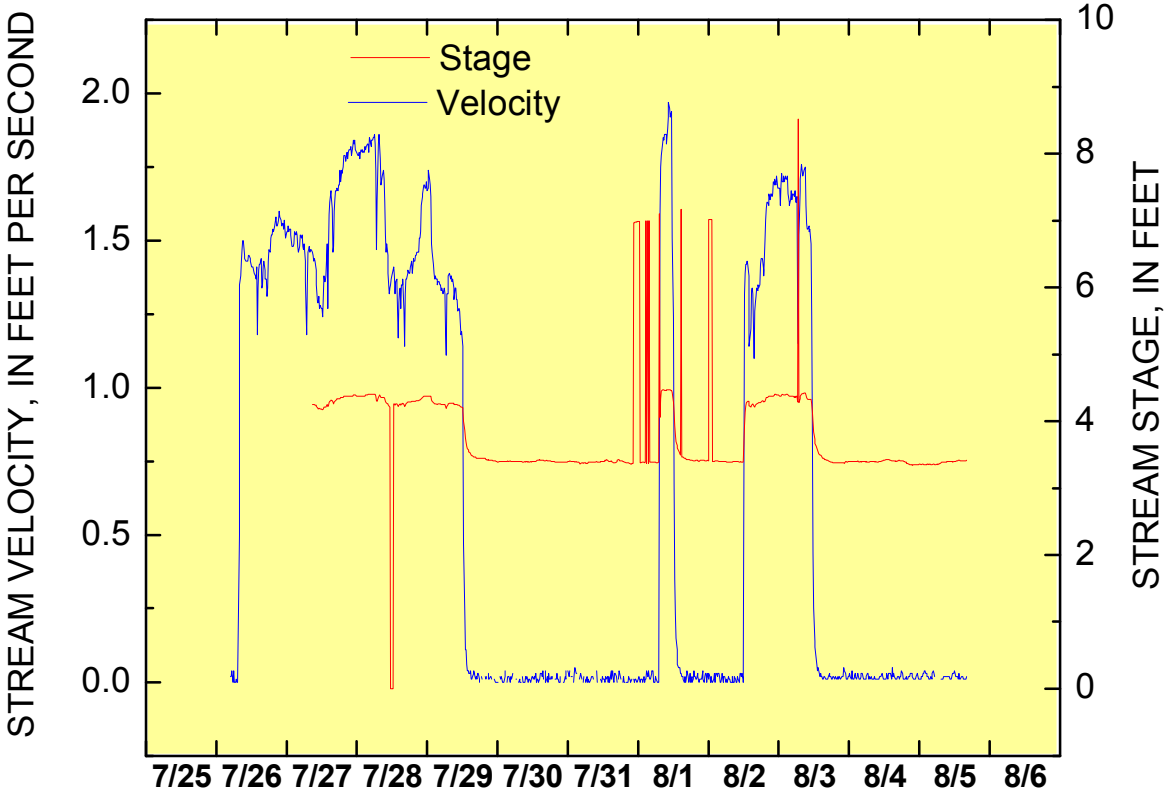
New Lee Creek gage with real-time satellite uplink



Farmington Bay Outflow

KUCC Outflow (real-time data)

http://waterdata.usgs.gov/ut/nwis/current/?type=flow

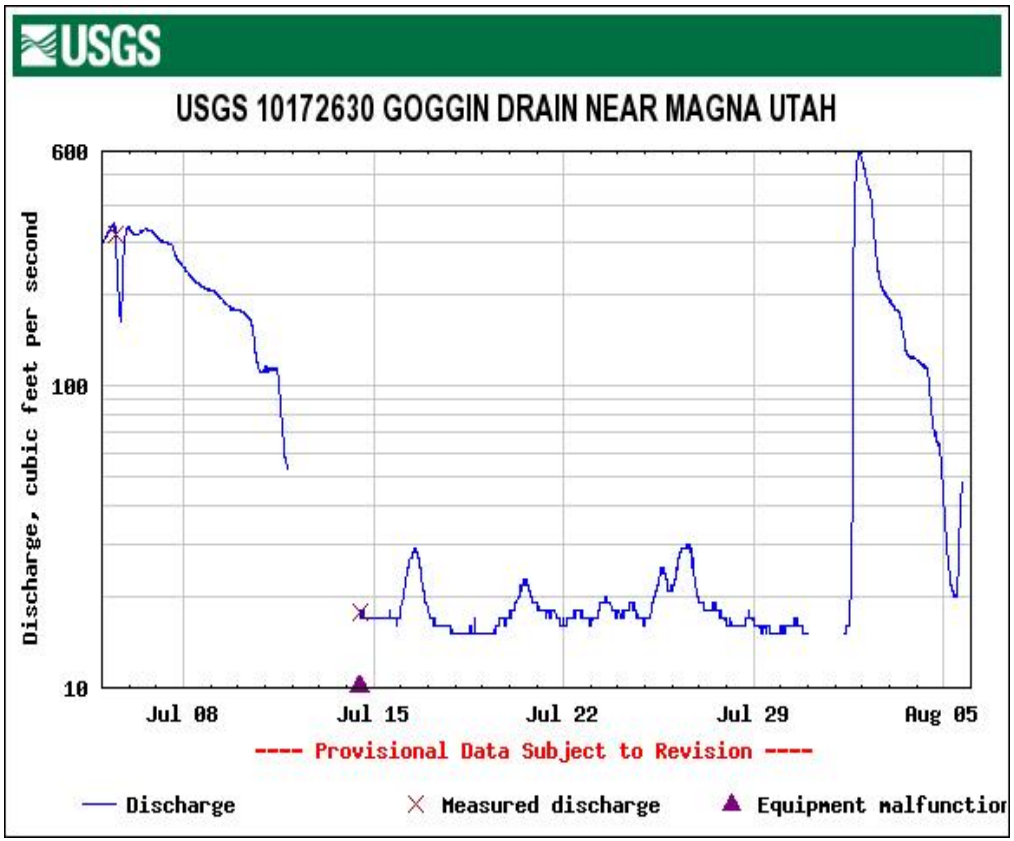


2006

KUCC outflow hydroacoustic gage with satellite uplink

Goggin Drain (real-time data)

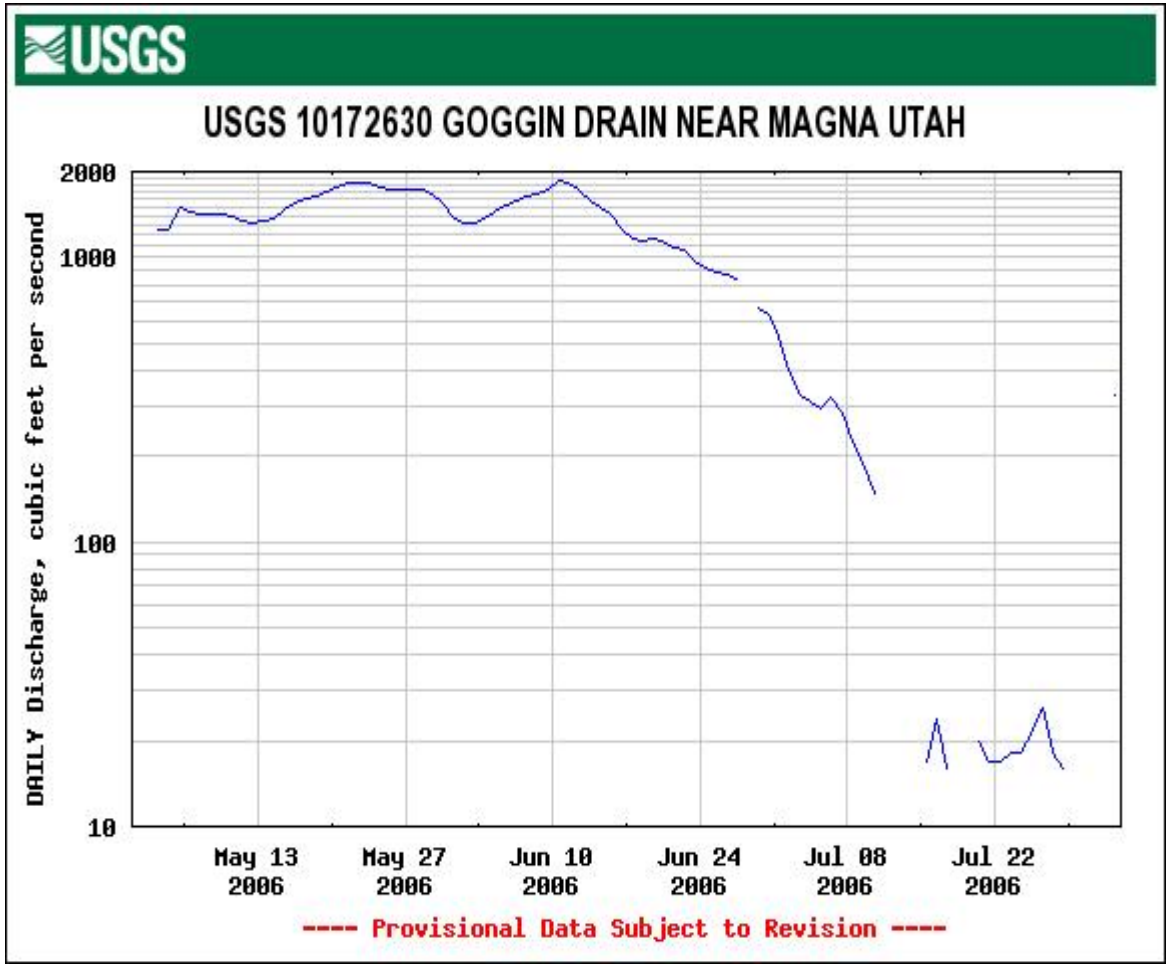
http://waterdata.usgs.gov/ut/nwis/current/?type=flow



Goggin Drain outflow gage with real-time satellite uplink

Goggin Drain Inflow

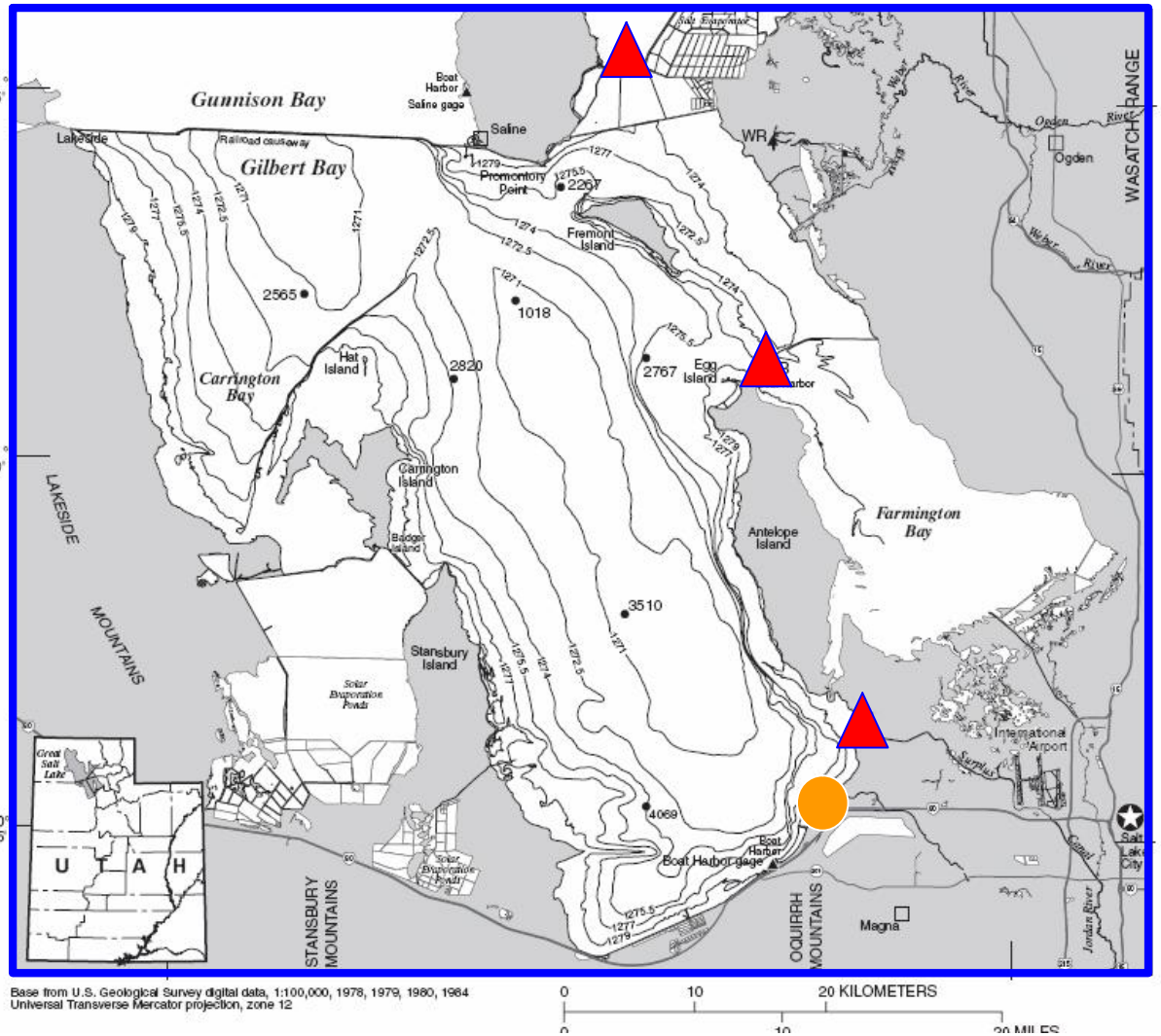
Since early May 2006



Autosamplers installed in May

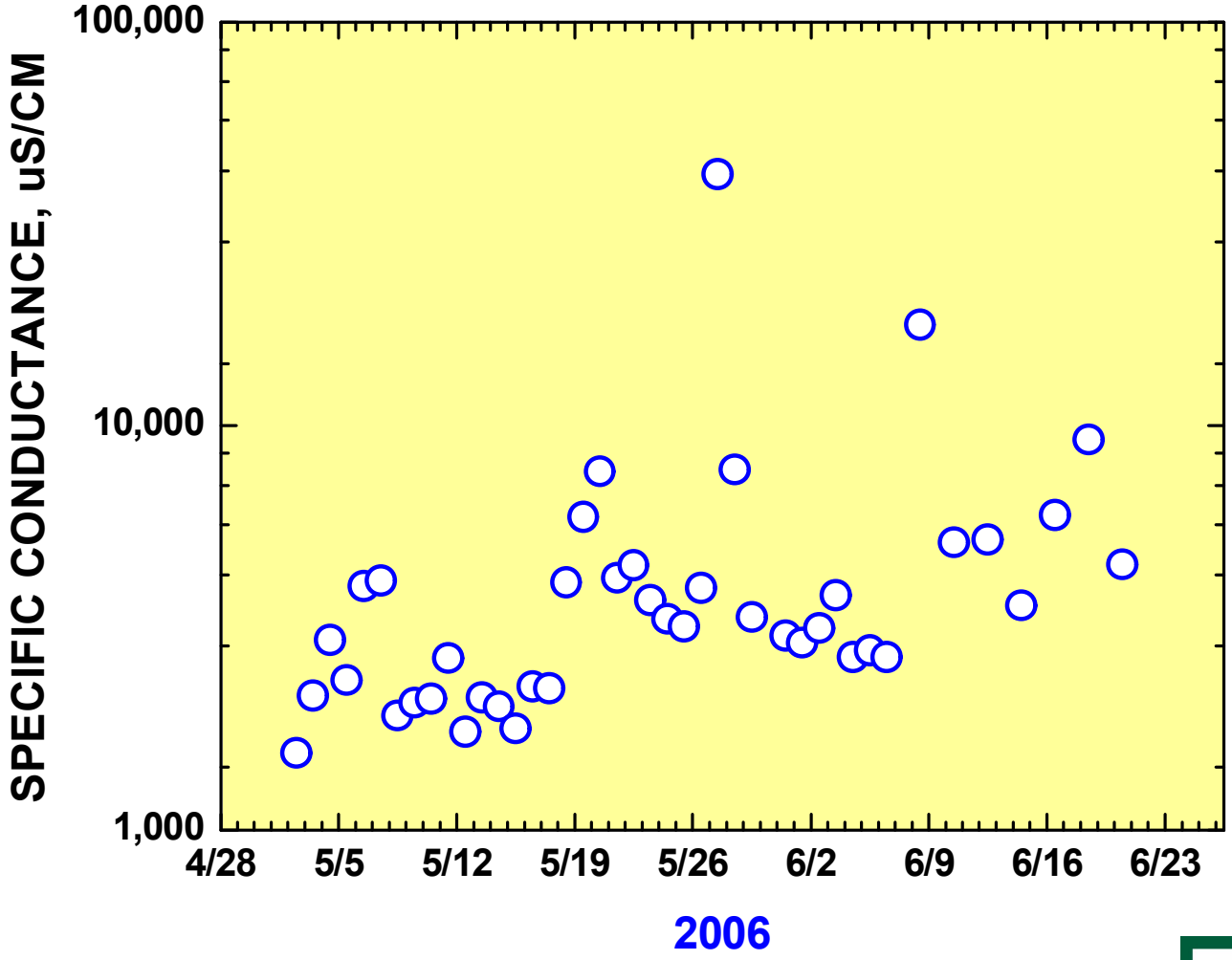
- Autosamplers
- Daily samples and SC will be provided by KUCC

Autosampler at Farmington Bay



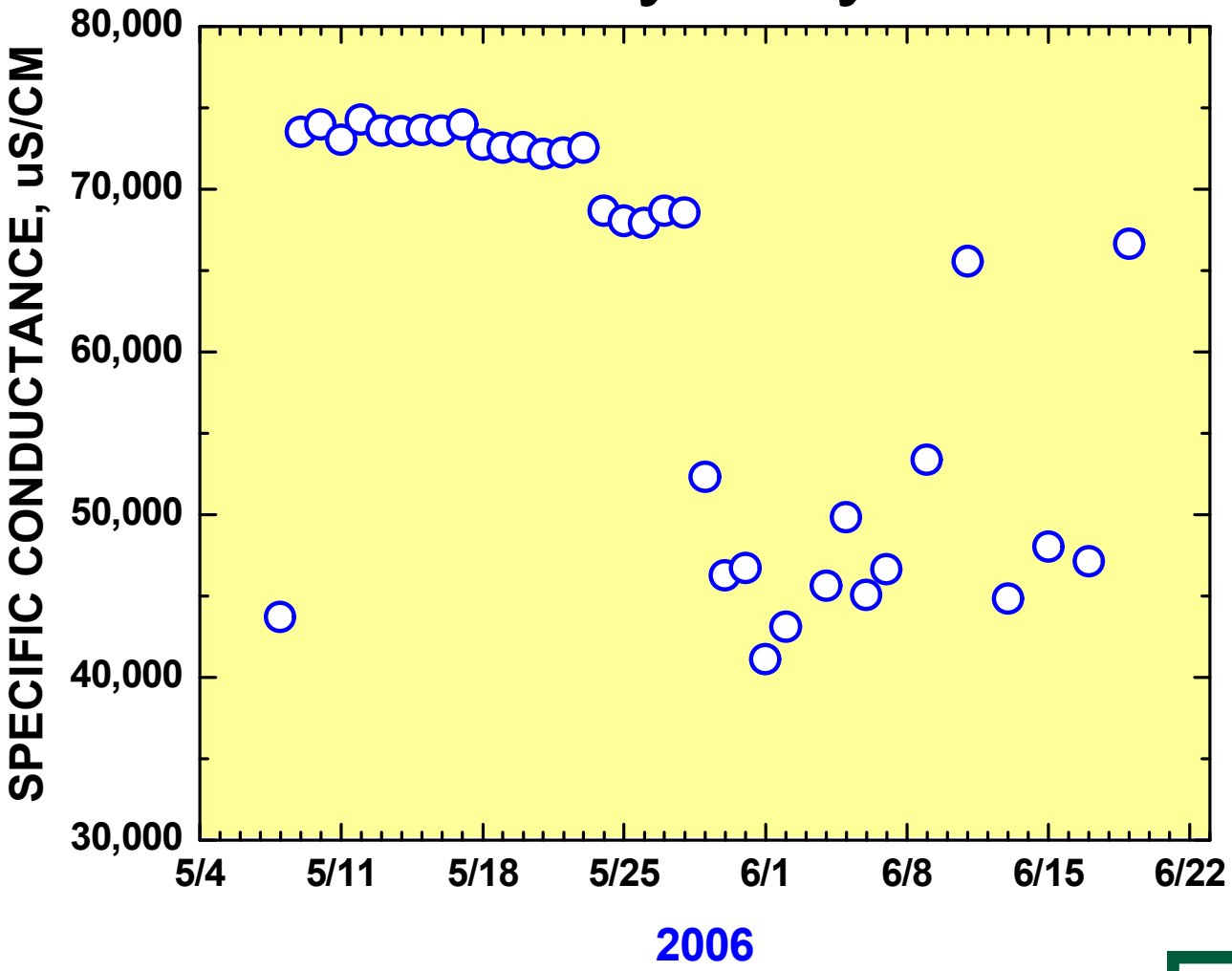
Bear River autosampler SC

Since early May 2006



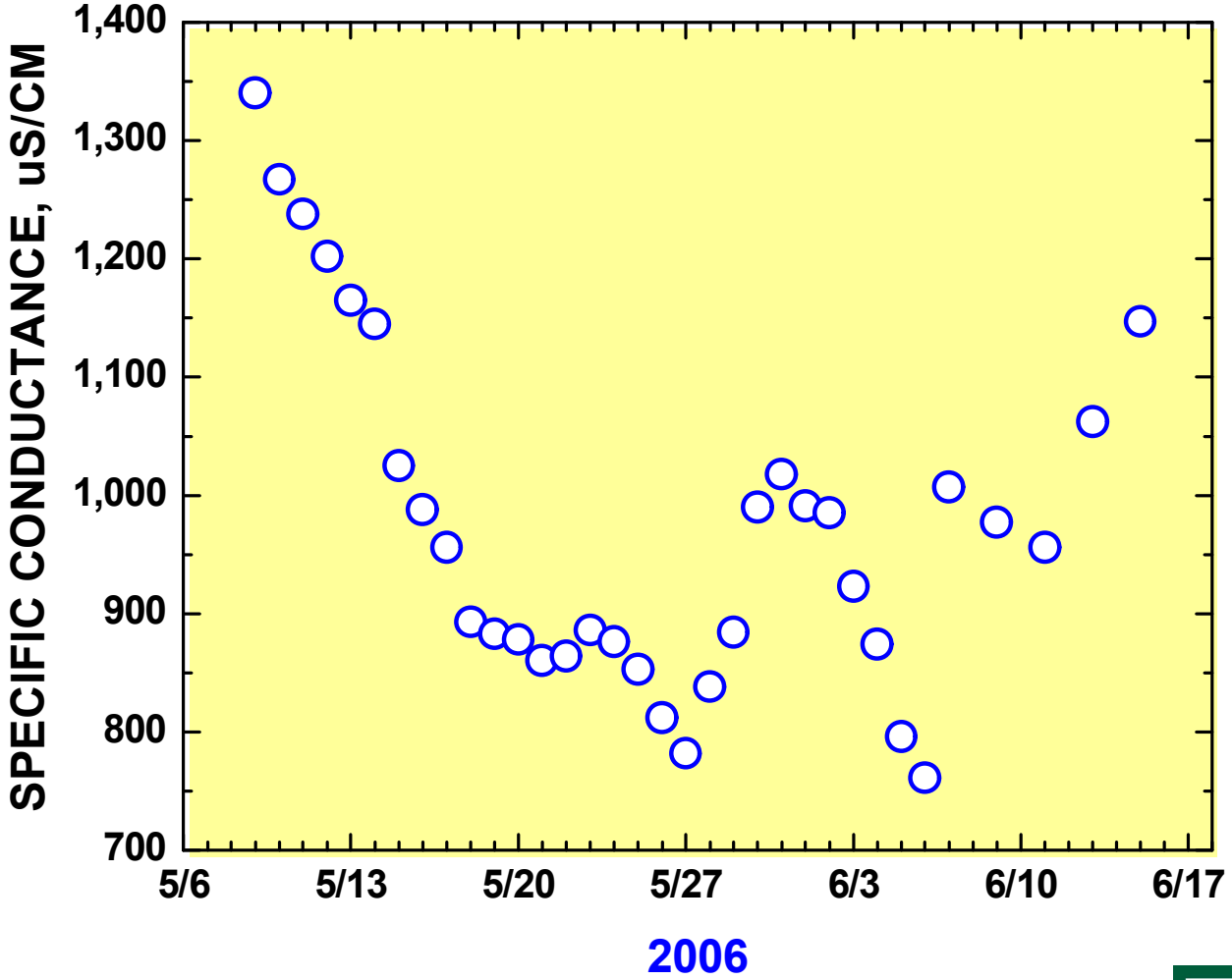
Farm. Bay autosampler SC

Since early May 2006



Goggin Dr. autosampler SC

Since early May 2006



Up a creek with a paddle??