



science for a changing world

Kentucky Water Science Center

Hydrologic Monitoring Network Partner Meeting

June 7, 2012

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

Agenda:

10:00 – 11:45

Introduction and Overview
INKY Commonwealth
Status of the KY WSC real-time networks
Flood of 2011
Streamgaging 101

11:45 – 12:30

Lunch

12:30 – 3:00

Network Developments
New Products and Tools
Plans for the Future
Partner Q/A Session

Introductions

Organization Overview

▶ USGS

- Department of Interior – The Nation’s Science Agency
- 4 disciplines
- 8,000 employees

▶ MWA

- 17 Science Centers across 11 States

▶ INKY Commonwealth

- One Director
- Increased resources



Geology



Geography



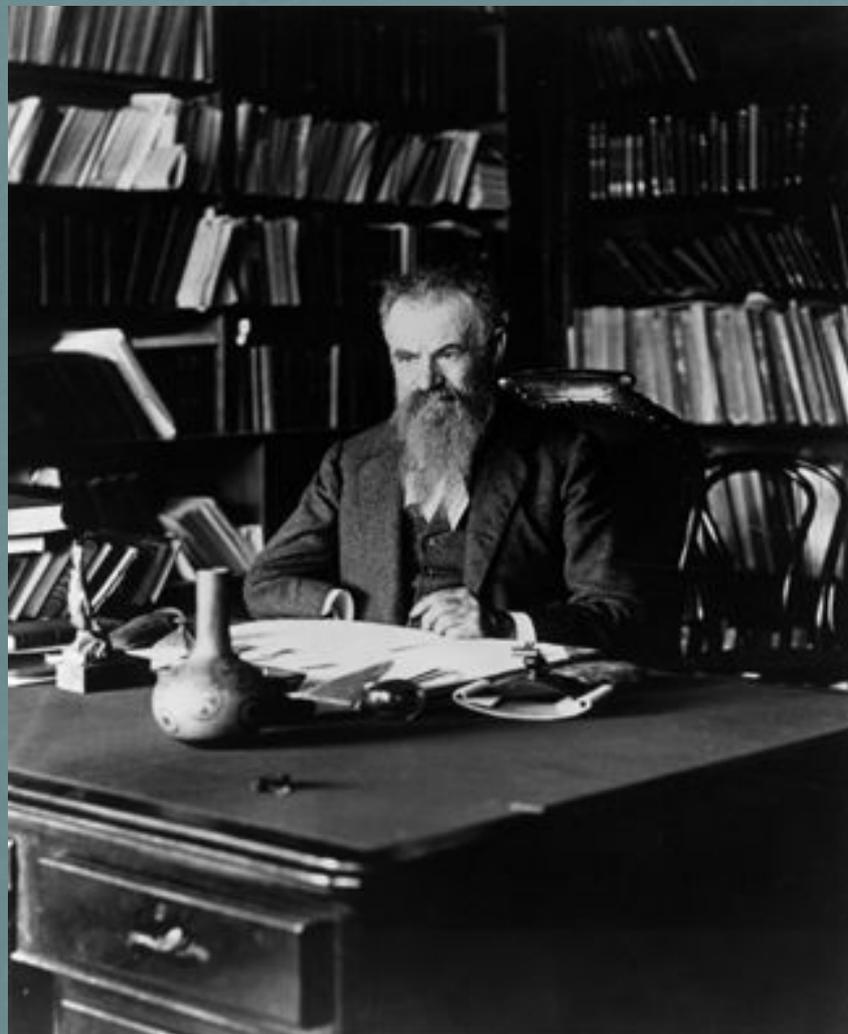
Biology



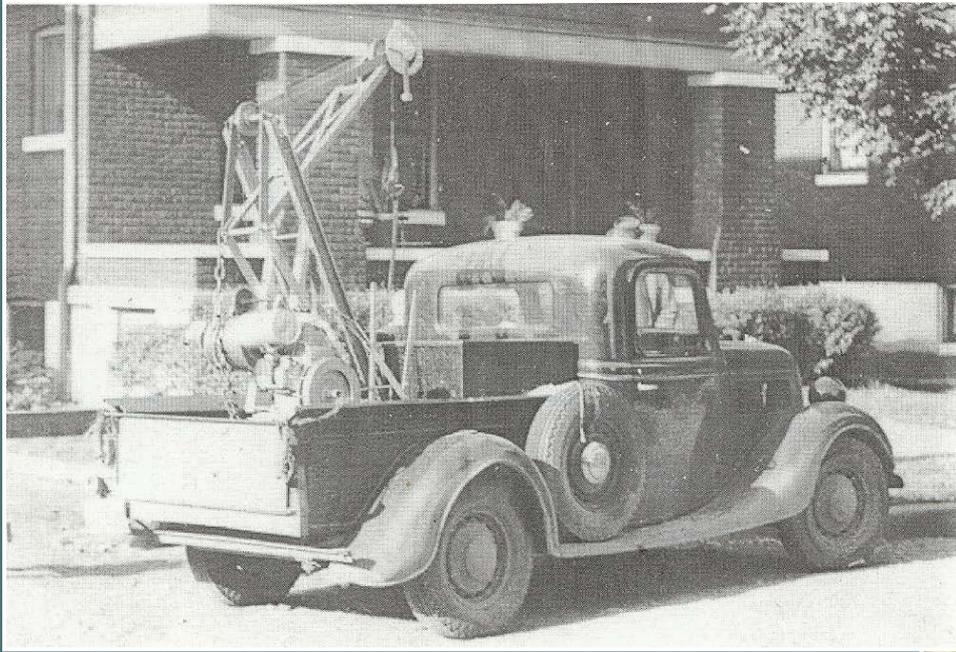
Water



USGS: serving the nation since 1879



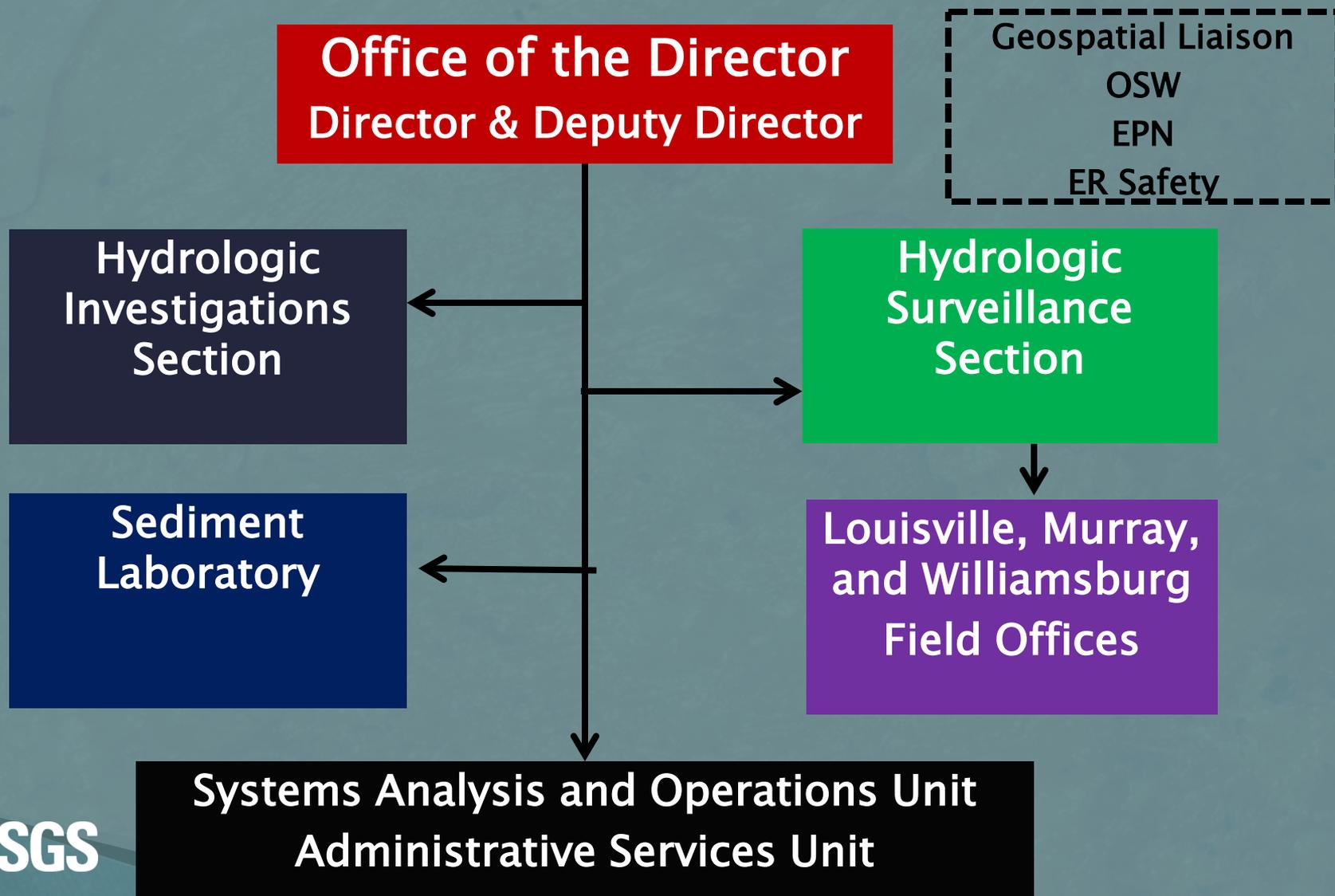
JOHN WESLEY POWELL (1834—1902)



*Kentucky Water Science Center - serving Kentucky and
the Nation for over 100 years*



Kentucky WSC – 42 Employees



INKY Commonwealth

Strategic Science Plan

- ❖ *Hydrologic Monitoring Networks*
- ❖ *Hazards*
- ❖ *Ecosystems Science*
- ❖ *Water Availability and Demand*
- ❖ *Energy Production and Impacts*
- ❖ *Public Health*

Commonwealth Model

- ▶ The USGS Indiana and Kentucky WSCs under one Director
- ▶ The Indiana–Kentucky WSC Commonwealth is organized with a Deputy Director in each office
- ▶ The combined staff of the Commonwealth is approximately **100** employees
- ▶ Both offices are composed of hydrologists, research hydrologists, hydrologic technicians, biologists, geospatial specialists, management, administration, and information technology support personnel.



Final Thoughts

- ❑ None of us have enough funding to do everything we want or need to do!
- ❑ We need to look for opportunities to leverage our resources.
- ❑ Encourage interactions and collaborative initiatives among those who are conducting environmental monitoring in KY
- ❑ We are your Federal resource in the state