



Support for USGS Water Data & Decision Support Science

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for the
Interstate Council on Water Policy

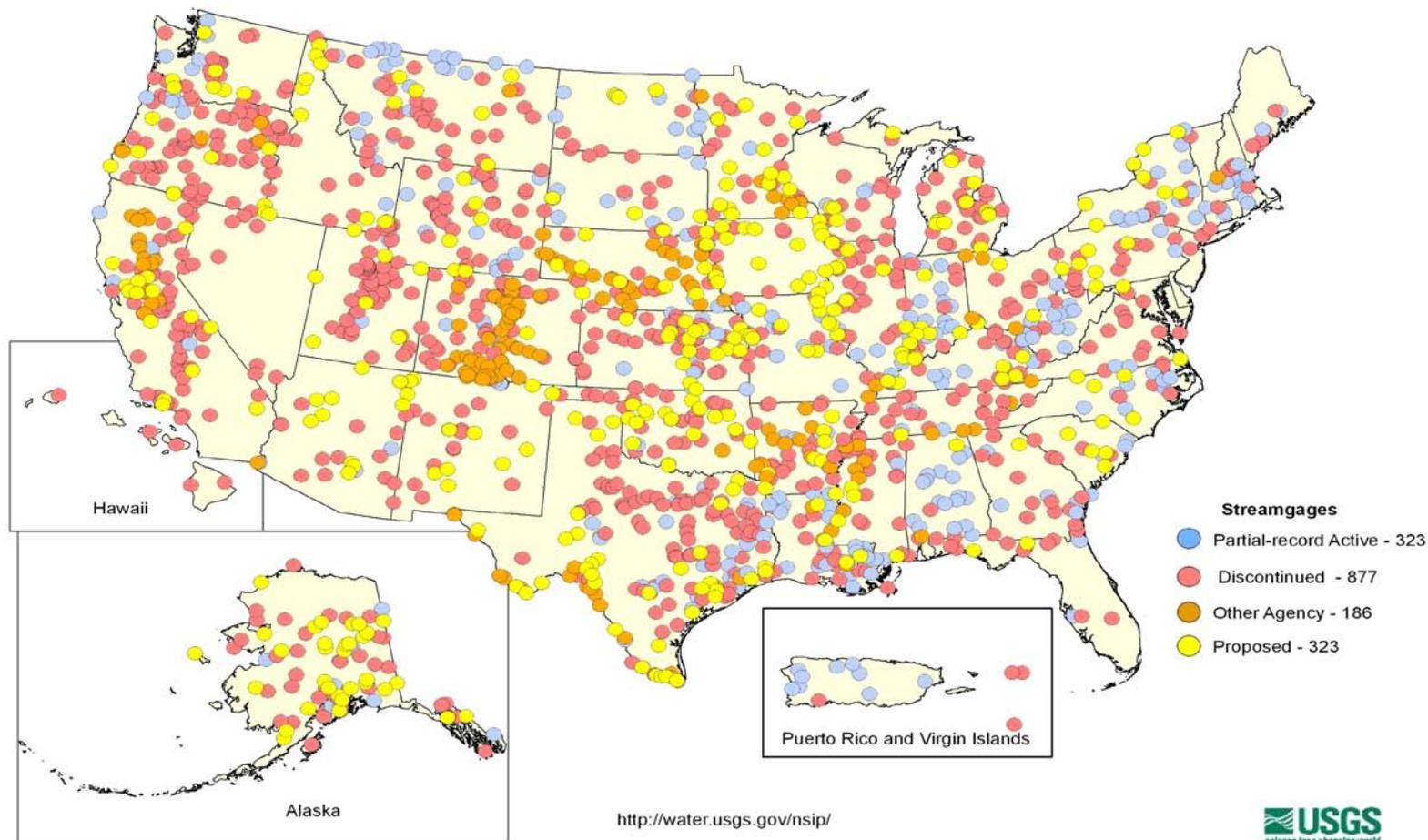
Presentation Overview

- ▶ Regional Stakeholder Meetings
- ▶ National Stakeholder Recommendations
- ▶ Climate Change Adaptation Examples
- ▶ Value Engineering Assessment of USGS Water Data Functions

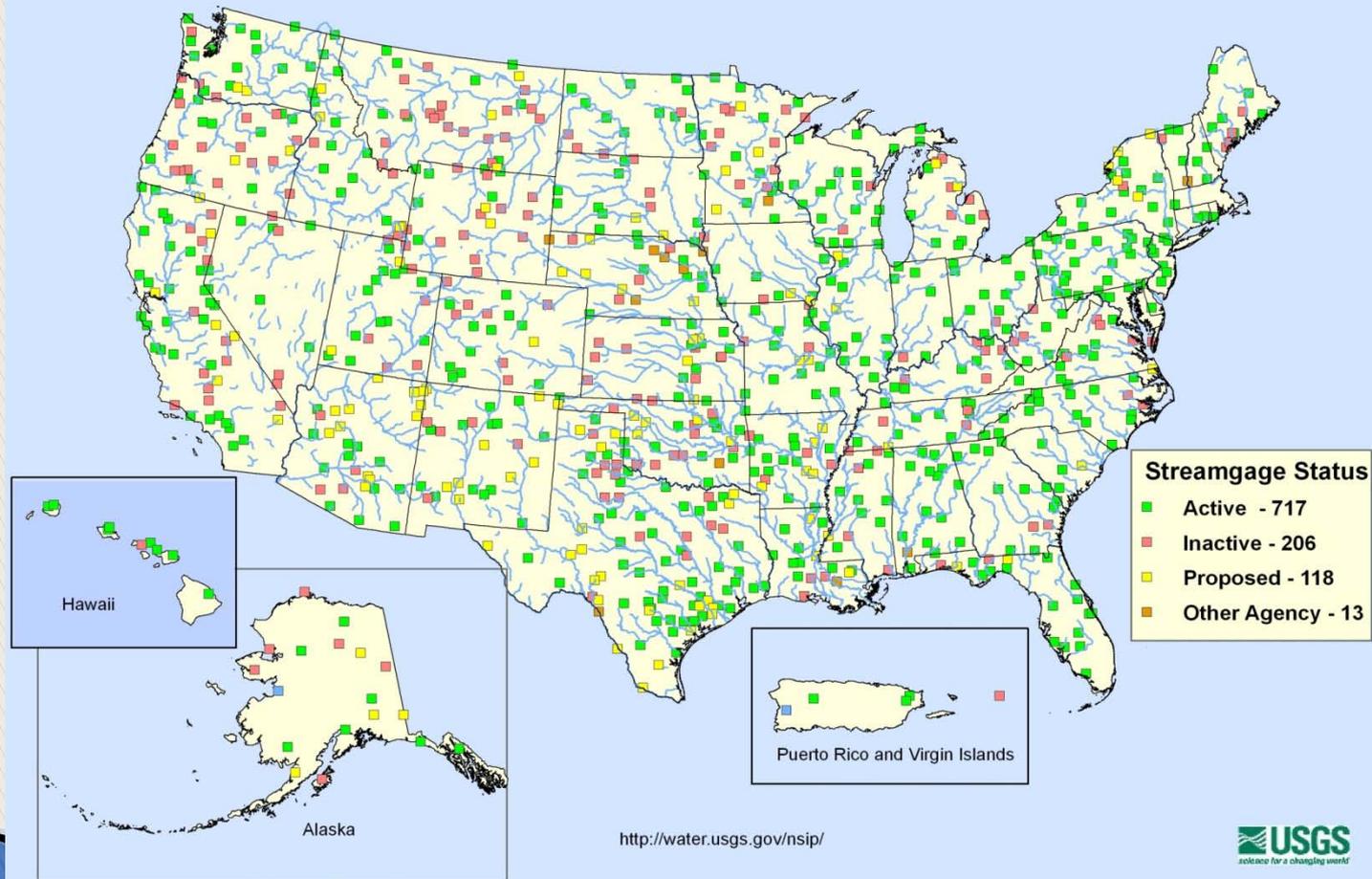


NSIP Streamgages To Be Added to the National-Needs Streamgage Network As Funding Permits

(6/3/2010)

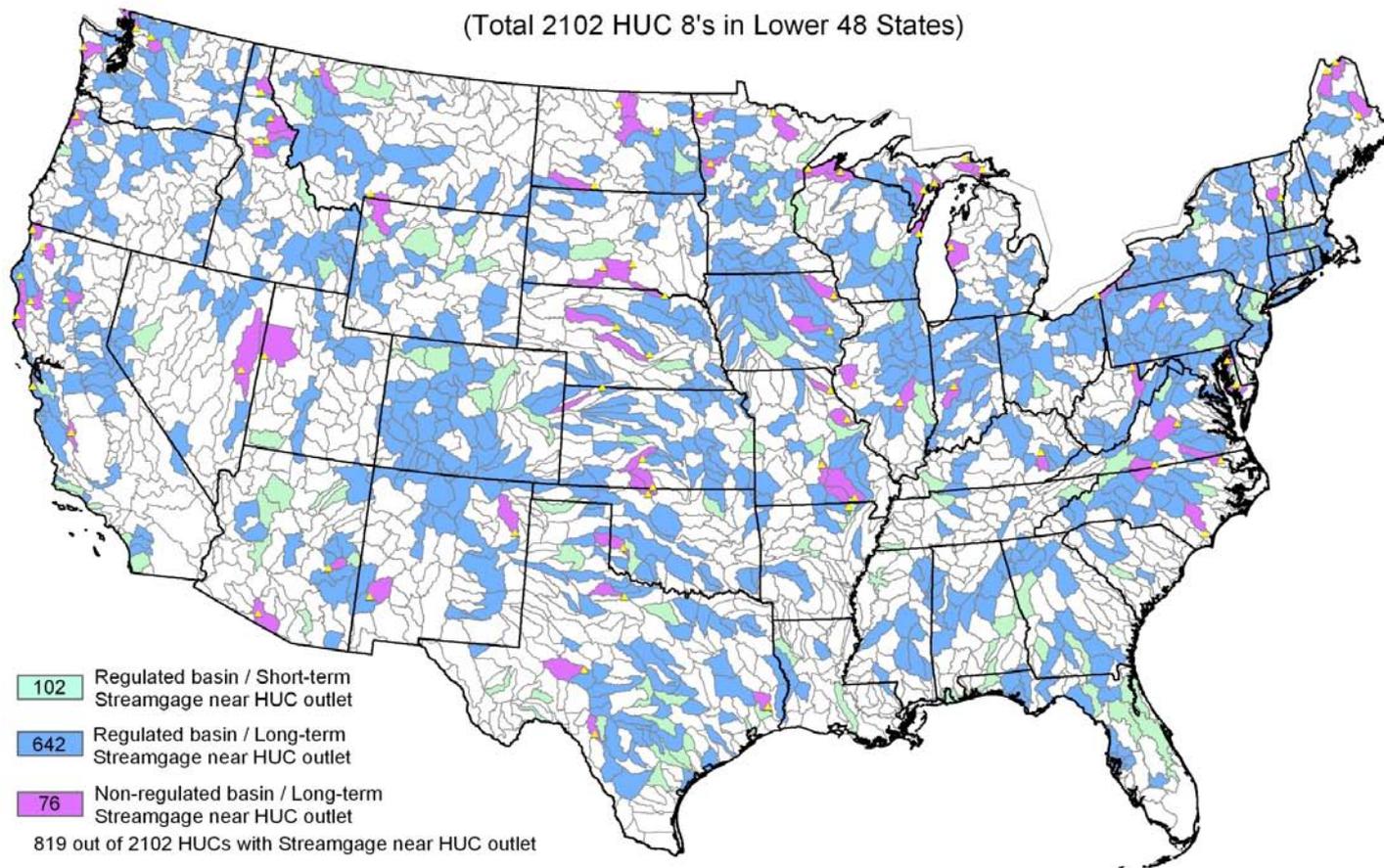


NSIP Sentinel Streamgages



819 Hydrologic Cataloging Units (HUC8) with Active Streamgauge Near Outlet

(Total 2102 HUC 8's in Lower 48 States)



CWP Stakeholder Meetings

▶ National meetings

- Washington DC March, 2005
- Austin, TX February, 2006
- Washington DC March 2010

▶ Regional Workshops

- Southeast (GA, NC, SC) March, 2007
- California May, 2007
- Texas September, 2007
- Upper Mississippi River Basin November, 2007
- Upper Missouri River Basin August 2008
- Ohio River Basin September 2008
- Florida November 2008
- Mid-Atlantic States February 2009
- Pacific NW September 2009

Regional Stakeholders Recommend:

- ▶ Restore CWP Capability to Match 50/50
- ▶ Full Implementation of the NSIP
- ▶ Expand opportunities for in-kind contribution
- ▶ Involve Stakeholders more directly and consistently in decisions
- ▶ Expedite reports/results from Interpretive Studies
- ▶ R&D to enhance monitoring equipment



Recommendations from 3rd National Stake holders' Strategy Conf (Mar2010)

- ▶ Communicate Consequences of Insufficient Data More Effectively
- ▶ Facilitate Opportunities to Compare & Combine Data from Various Sources
- ▶ Promote Data Sharing (Links, Portals, etc)
- ▶ Explore Capabilities of Water Monitoring & Streamgage Coordination Councils (Promote their Establishment?)



Climate Change Decision Examples

- ▶ CEQ Climate Change Adaptation Taskforce
- ▶ SECURE Water Act “Climate Change & Water Intergovernmental Panel”
- ▶ ICWP offered 4 examples of decisions we need help with:
 - Missouri River Runoff Estimation in Reservoir Operations
 - Delaware River Basin Management Strategy
 - Colorado River Basin Supplies & Needs
 - Susquehanna River Basin Management Strategy

Value Engineering Assessment of Water Data Functions

- ▶ Vendors volunteered to collaborate with USGS experts 2009–10
 - YSI & In-Situ
 - Water Quality
 - Surface Water
 - Ground Water
- ▶ Recommendations for USGS to incorporate as it sees fit
 - Available to all www.icwp.org



Heading into Tough Times

- ▶ Budget pressures hitting states harder & later
- ▶ Water management challenges intensify:
 - Population growth
 - Economic & land use development
 - Climate change
- ▶ Shifting/uncertain roles for federal, state, local agencies
- ▶ Losing many streamgages (risk losing Cooperators) & reliable data is always the best place to start



What advice would you give the ICWP?

