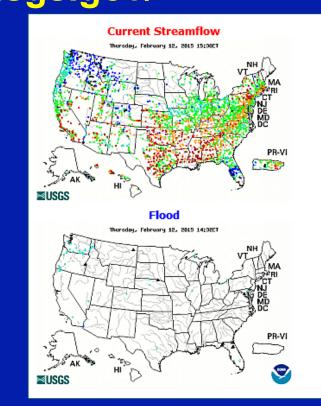
Selected USGS Drought Activities

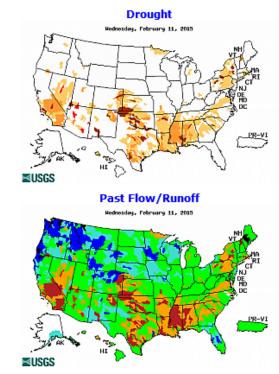
- Data Systems
 - NWIS Web real time SW, GW, WQ monitoring data
 - http://waterdata.usgs.gov/nwis
 - WaterWatch & Water Alert
 - Groundwater Watch
 - Open Water Data demonstration
- Interpretive Products/Tools
 - Drought synthesis
 - Drought probability
 - Coastal Drought Index
 - GW/SW Interaction
 - Remote sensing drought index VegDRI

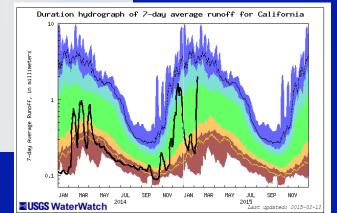


Water Watch – percentiles to "normal" http://waterwatch.usgs.gov/









- Animations
- Duration hydrograph builder
- Streamgage statistics
- WaterAlert http://water.usgs.gov/ wateralert/



Toelkit

Toolkit (internal)

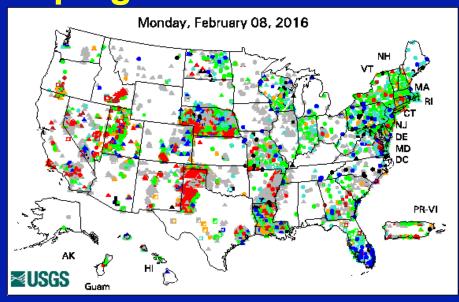
Annual Summaries

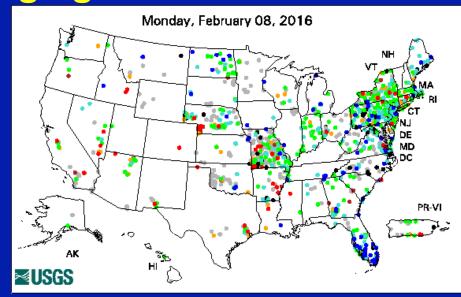
About WaterWatch

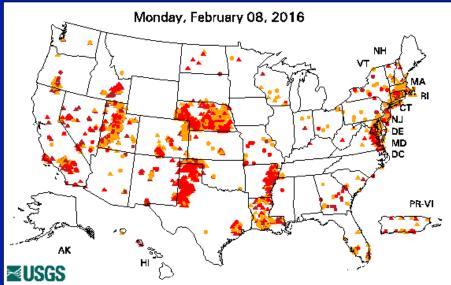
Additional Information

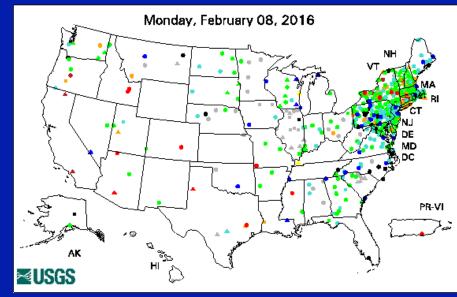
Groundwater Watch - percentiles to "normal"

http://groundwaterwatch.usgs.gov/

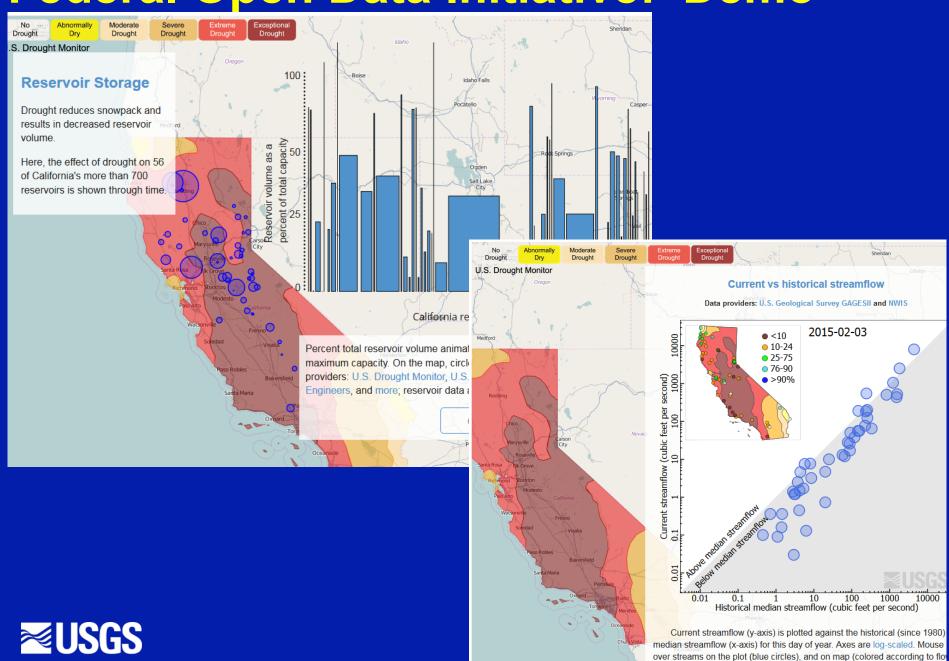








Federal Open Data Initiative: Demo



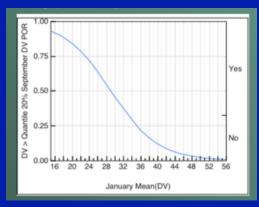
Interpretive Products/Tools

Drought Synthesis: U.S. Hydrological Drought

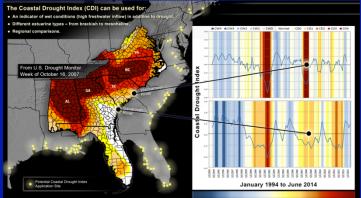
Variability and trends



Drought Probability
Maximum likelihood logistic regression



Coastal Drought Index





Interpretive Products/Tools

• GSFLOW: Improving low-flow forecasting (PRMS and MDOFLOW)

Groundwater Toolbox:
HYSEP, Baseflow Index, others



 Remote Sensing Drought Index: VegDRI

