



Updates from the U.S. Department of the Interior

Mississippi River Gulf of Mexico Watershed Nutrient Task Force Meeting
December 14, 2021

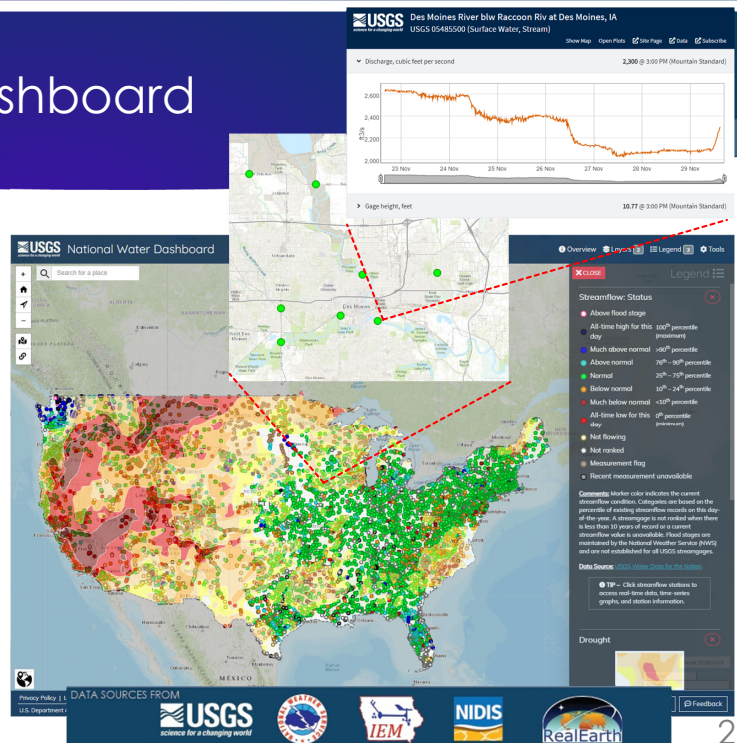
TANYA TRUJILLO
ASSISTANT SECRETARY FOR WATER AND SCIENCE
U.S. DEPARTMENT OF THE INTERIOR



National Water Dashboard

- ▶ Provides a “one-stop” perspective of real-time hydrologic conditions
- ▶ Presented in context with current weather and hazard data from partner agencies
- ▶ Mobile-friendly
- ▶ Data refreshed every minute

<https://dashboard.waterdata.usgs.gov/>



Integrated Water Science Basins

- ▶ Ten regional focus areas for intensive observation, research, modeling, and assessment
 - ▶ Past, current, and future human and ecosystem water needs, as affected by the amount and quality of surface water and groundwater
- ▶ Extensive stakeholder engagement



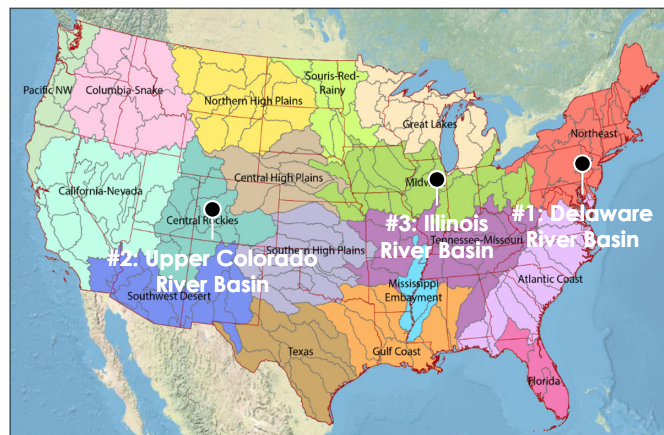
3



Integrated Water Science Basins

A primary focus will be on a subset of national target issues that are important in the region

- ▶ Delaware River Basin: salinity, temperature, streamflow
- ▶ Upper Colorado River Basin: snowmelt, water supply
- ▶ Illinois River Basin: nutrients, sediment, HABs formation and toxicity



4



Integrated Water Science Basins

The USGS Next Generation Water Observing System (NGWOS) will provide high-resolution, real-time data to support research, modeling, and assessment in the Illinois River Basin

- ▶ Increase spatial and temporal coverage of critical data
- ▶ Use state-of-the-art data collection methods
- ▶ Provide modernized and timely data storage and delivery

