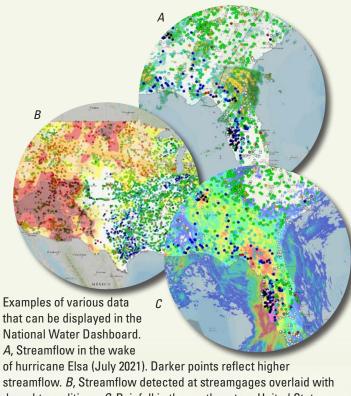


Water Priorities for the Nation— The USGS National Water Dashboard

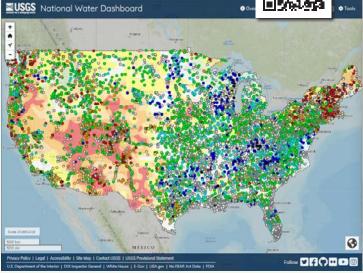
Visit the USGS NWD at https://dashboard.waterdata.usgs.gov.



The U.S. Geological Survey (USGS) National Water Dashboard (NWD) supplies critical information to decision makers, emergency managers, and the public during extreme hydrologic events (such as droughts and floods) and during normal hydrologic conditions. It informs decision making that can help protect lives and property before and during extreme hydrologic events. The NWD draws upon the extensive site-specific hydrologic data housed in the USGS National Water Information System database (https://doi.org/10.5066/F7P55KJN) and also links to the USGS WaterAlert system, which provides users with instant and customized updates about water conditions. Overall, the NWD is part of the USGS's effort to respond to 21st century science needs.



drought conditions. *C*, Rainfall in the southeastern United States 24 hours after Hurricane Elsa made landfall in Florida. Darker point colors reflect higher streamflow.



The National Water Dashboard combines U.S. Geological Survey real-time water data and other Federal water hazard data into one modern, mobile-friendly interface for the entire United States (Alaska and Hawaii not shown).

Key Functions of the USGS NWD

- Summarizes and displays data from over 13,500 USGS stations
- Provides assessments of hydrologic conditions that encompasses water quality and quantity
- Runs summary reports on USGS water data
- Includes hazard and weather data from other Federal agencies
- Refreshes every minute with data from the USGS National Water Information System database
- Supports custom reusable views at any spatial level
- Integrates with USGS WaterAlert notification and Next Generation USGS Water Data for the Nation products to meet advanced needs

The USGS National Water Dashboard makes USGS water data and weather-related partner agency data accessible and usable in a geospatial and temporal context to provide a national-scale perspective of hydrologic conditions for the United States.

Data Layers of the USGS NWD

Data from USGS Stations

7 categories of current conditions:

- Streamflow
- Surface-water levels
- Groundwater levels
- Spring water levels
- Water quality
- Aainfall
- Atmospheric

Data Summarizing Weather Conditions

9 categories of weather information from Federal partners:

- Hurricanes
- Alerts
- letter Radar
- Recent rainfall
- Rainfall forecast
- ♦ Snow
- Cloud cover
- Temperature
- Drought

Hydrographic Information

Maps for rivers, watersheds, and aquifers.

Basemaps

16 basemap options.



Data for the USGS National Water Dashboard originate from several sources cited in the application, including the USGS, the National Weather Service, and the National Integrated Drought Information System.



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All screenshots from the USGS NWD; basemaps from Esri.

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