

WaterWatch—Maps, Graphs, and Tables of Current, Recent, and Past Streamflow Conditions

WaterWatch (<http://water.usgs.gov/waterwatch/>) is a U.S. Geological Survey (USGS) World Wide Web site that displays maps, graphs, and tables describing real-time, recent, and past streamflow conditions for the United States. The real-time information generally is updated on an hourly basis. WaterWatch provides streamgage-based maps that

- Show the location of more than 3,000 long-term (30 years or more) USGS streamgages;
- Use colors to represent streamflow conditions compared to historical streamflow;
- Feature a point-and-click interface allowing users to retrieve graphs of stream stage (water elevation) and flow; and
- Highlight locations where extreme hydrologic events, such as floods and droughts, are occurring.

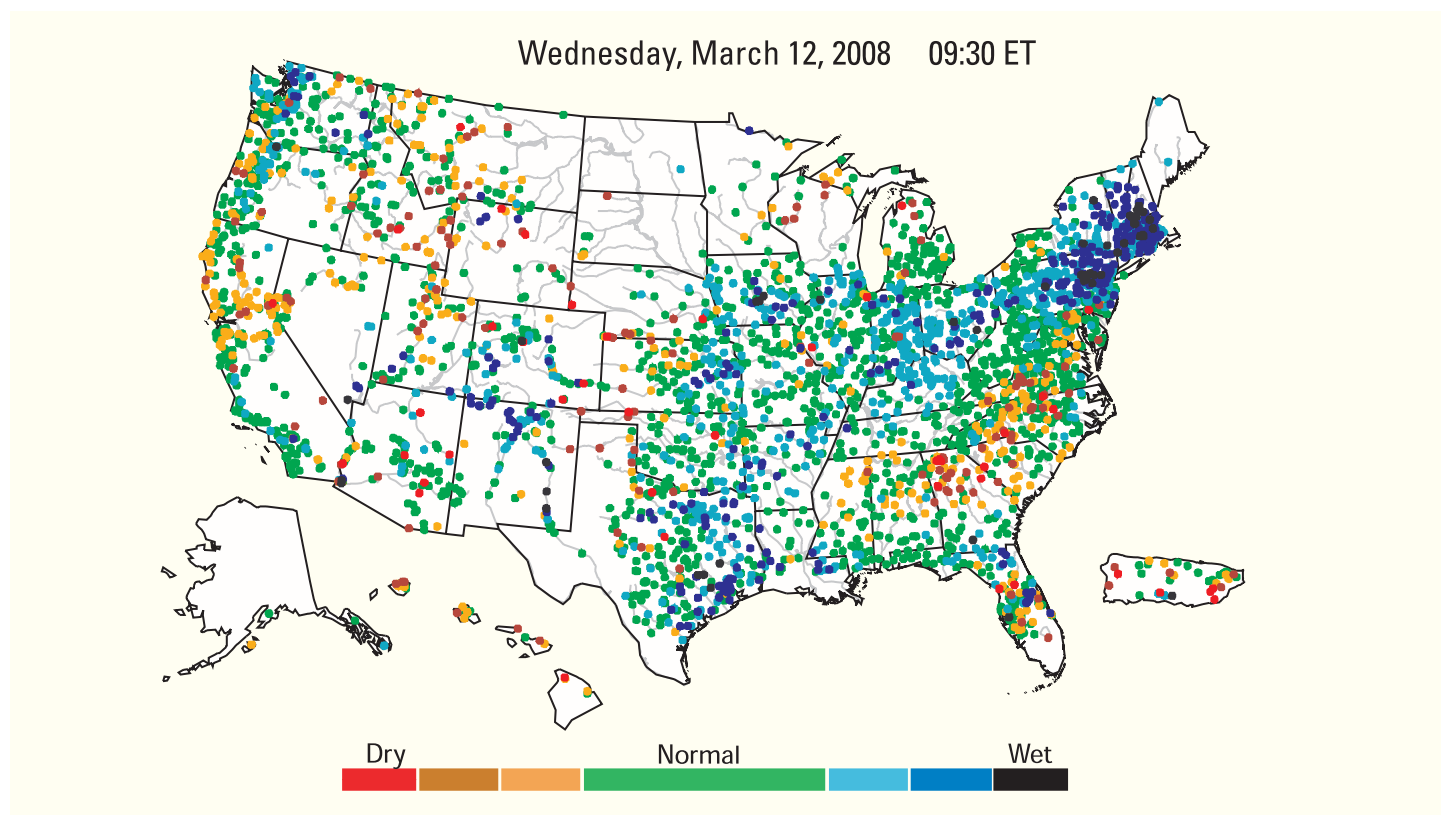
The streamgage-based maps show streamflow conditions for real-time, average daily, and 7-day average streamflow. The real-time streamflow maps highlight flood and high flow

conditions. The 7-day average streamflow maps highlight below-normal and drought conditions.

WaterWatch also provides hydrologic unit code (HUC) maps. HUC-based maps are derived from the streamgage-based maps and illustrate streamflow conditions in hydrologic regions. These maps

- Show average streamflow conditions for 1-, 7-, 14-, and 28-day periods, and for monthly average streamflow;
- Highlight regions of low flow or hydrologic drought; and
- Provide historical runoff and streamflow conditions beginning in 1901.

WaterWatch summarizes streamflow conditions in a region (state or hydrologic unit) in terms of the long-term typical condition at streamgages in the region. Summary tables are provided along with time-series plots that depict variations through time. WaterWatch also includes tables of current streamflow information and locations of flooding.



How to access WaterWatch products:

1. Menu Bar

One way to access WaterWatch products is through a bar containing multiple pull-down menus, as well as *Special Features* and *Contents* links. The pull-down menu items are organized into **Current Maps/Graphs, Flood Watch, Drought Watch, Recent/Historical Maps/Graphs, Geographic Area,** and **Additional Information.**



2. Contents

A second approach to accessing WaterWatch products is to use the Contents listing at <http://water.usgs.gov/waterwatch/?m=sitemap>, where the current suite of products are listed by type: maps, graphs (plots), or tables. Additional links are available.

Maps

- Current Streamflow (National and State)
- Current Flood and High Flow (National and State)
- Current Hydrologic Drought (National and State)
- Current Hydrologic Hazards (User Selected Area)
- Daily Streamflow (National and State)
- Animation of Daily Streamflow (National, October 1999 to Present)
- 7-, 14-, and 28-Day Average Streamflow (National and State)
- 7-, 14-, and 28-Day Average Below Normal Streamflow (National and State)
- Monthly Average Streamflow (October 2002 to Present)
- Interactive Viewer of Recent Streamflow (2003 to Present)
- Interactive Viewer of Monthly and Annual Runoff (1901-2002)
- Google Earth Current Streamflow (National, Regional, and State)
- Google Maps Current Streamflow (National, Regional, and State)

Graphs (Plots)

- Current, Daily, and 7-Day Average Streamflow (National, Regional, and State)
- 7-Day Average Below Normal Streamflow (National, Regional, and State)
- Interactive Viewer of Computed Annual Runoff (1901-2002; Regional)

Tables

- Current, Daily, and 7-Day Average Streamflow (National, Regional, and State)
- Current Locations Above Flood Stage
- Interactive Retrieval of Flood and High Flow Information (May 2005 to Present)
- Monthly Flood Report (January 2008 to Present)
- Computed Median Runoff (National and State, 1900 to Present)
- Streamgage Statistics Retrieval Tool (For all USGS Streamgages for the Period of Record)

Miscellaneous

- Recent Streamflow Map Archive
- Annual Streamflow Summaries (Water Year 2006 to Present)

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