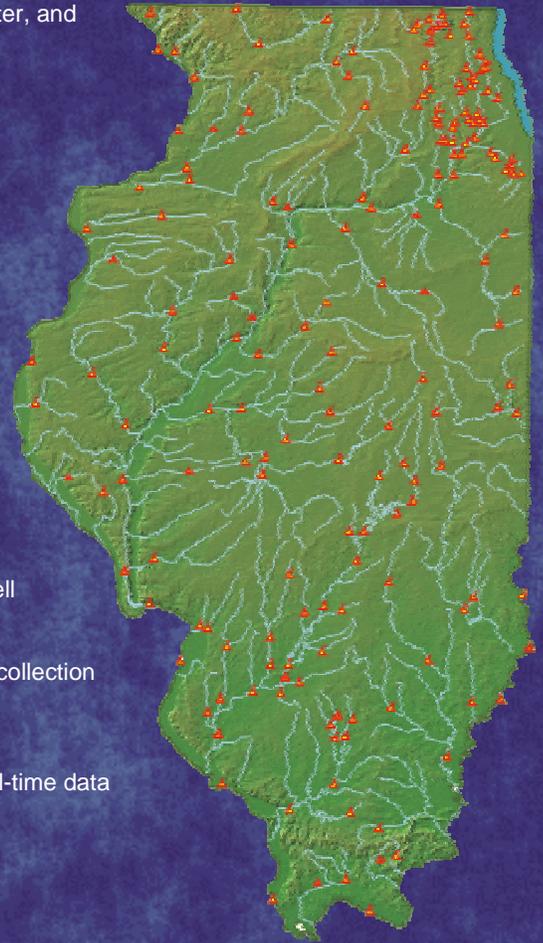


Real -Time Data Activities in the USGS, Illinois District

Public Web page at <http://il.water.usgs.gov> displaying real-time data
Illinois real-time data displayed on the national USGS Web page

PRESENT ACTIVITIES

- Display of real-time stage, discharge, precipitation, velocity, ground-water, and water-quality data
 - Approx 200 stage stations
 - Daily values
 - Unit values
 - Historical data (not real time)
 - Approx 150 discharge stations
 - Daily values
 - Unit values
 - Rating tables (not real time)
 - Historical data (not real time)
 - Approx 140 precipitation stations
 - Totals for multiple periods
 - Unit values
 - Limited number of velocity, ground-water and water-quality stations
- Data from the real-time network are obtained from phones (land line) cell phones, Internet, and DCPs (satellite data-collection platforms)
- On average, data are displayed at the Illinois Web site within 1 hour of collection
- Customized real-time Web pages for IDNR
- Map of rainfall stations in and around Du Page County linked to the real-time data



FUTURE ACTIVITIES (1-2 years)

- Continue to improve the quality and quantity of data served on the Illinois District Web page
- Shorten the average time between data collection and display
- Expand the real-time data collection network
 - Additional 2 stage stations
 - Additional 3 daily-discharge stations
 - Additional 10 precipitation stations
 - Additional 8 water-quality stations
- Display contour map of rainfall amounts for multiple time periods in Illinois
- Provide statistical information for station data