

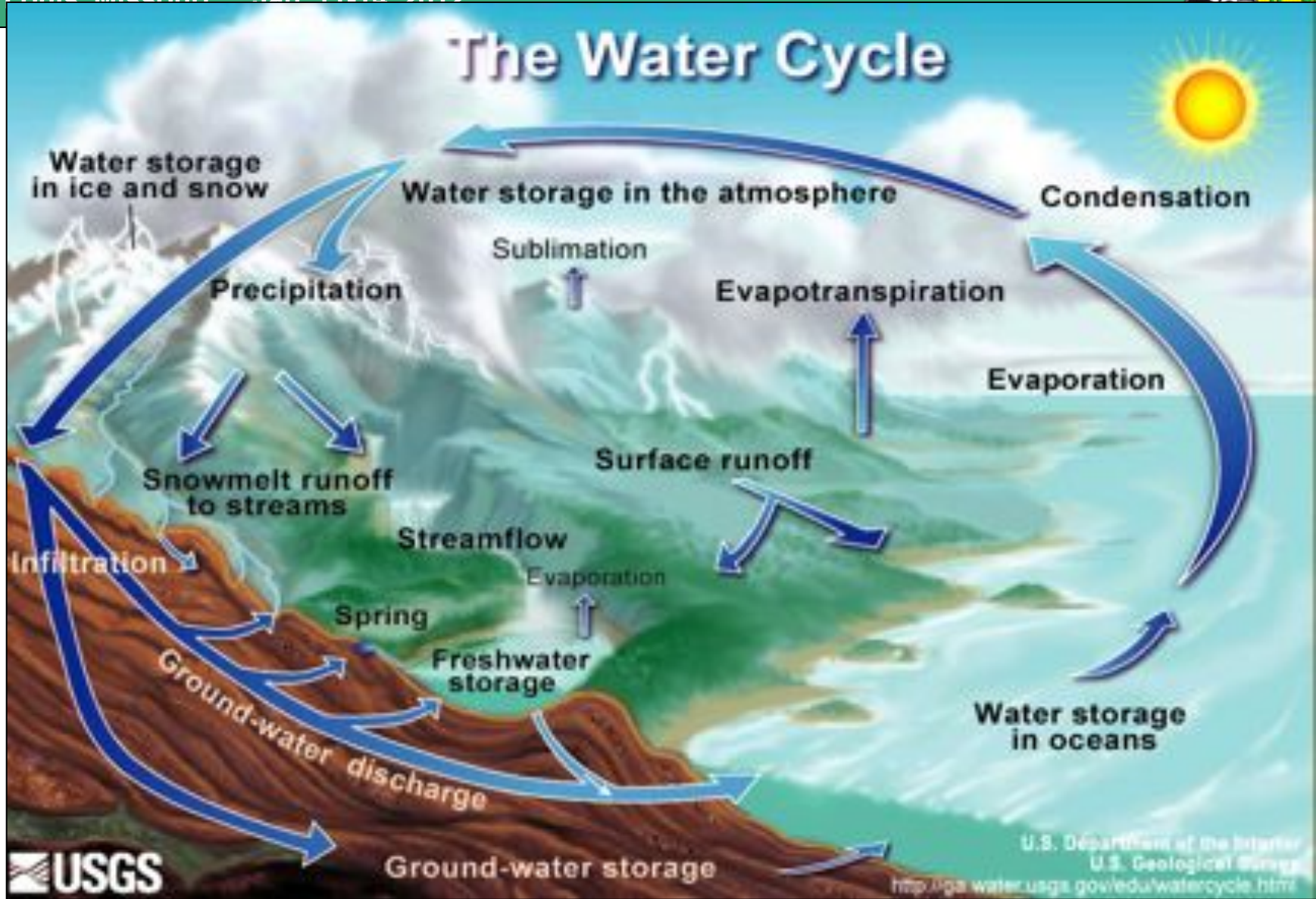
Are You Ready for the Change in the Weather

Ray McCormick
McCormick Farms
Vincennes, Indiana
January 11, 2012



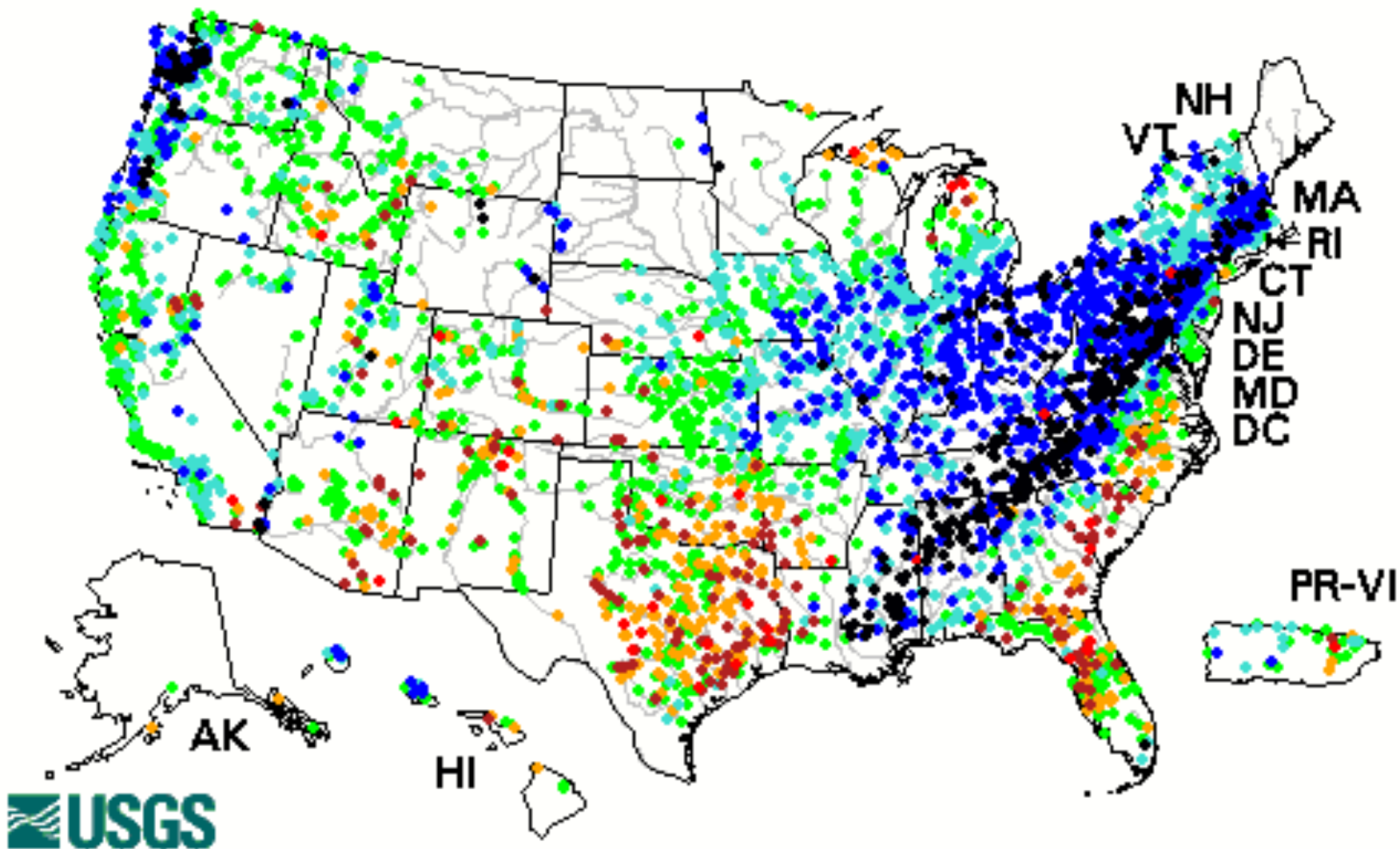
Ray McCormick
McCormick Farms
Vincennes, Indiana





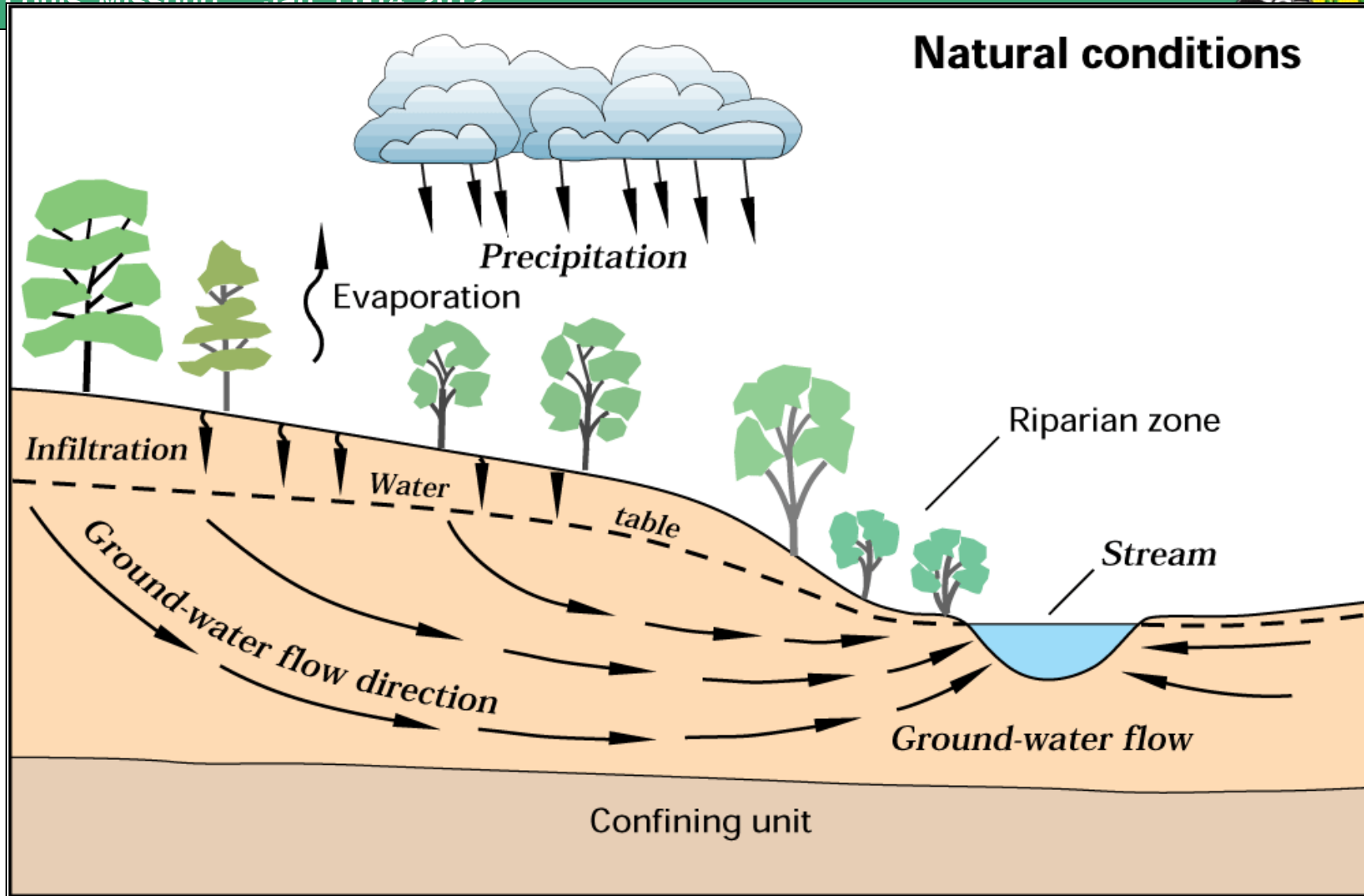
Thu., Mar. 10, 2011 13:30ET

2012
downloads

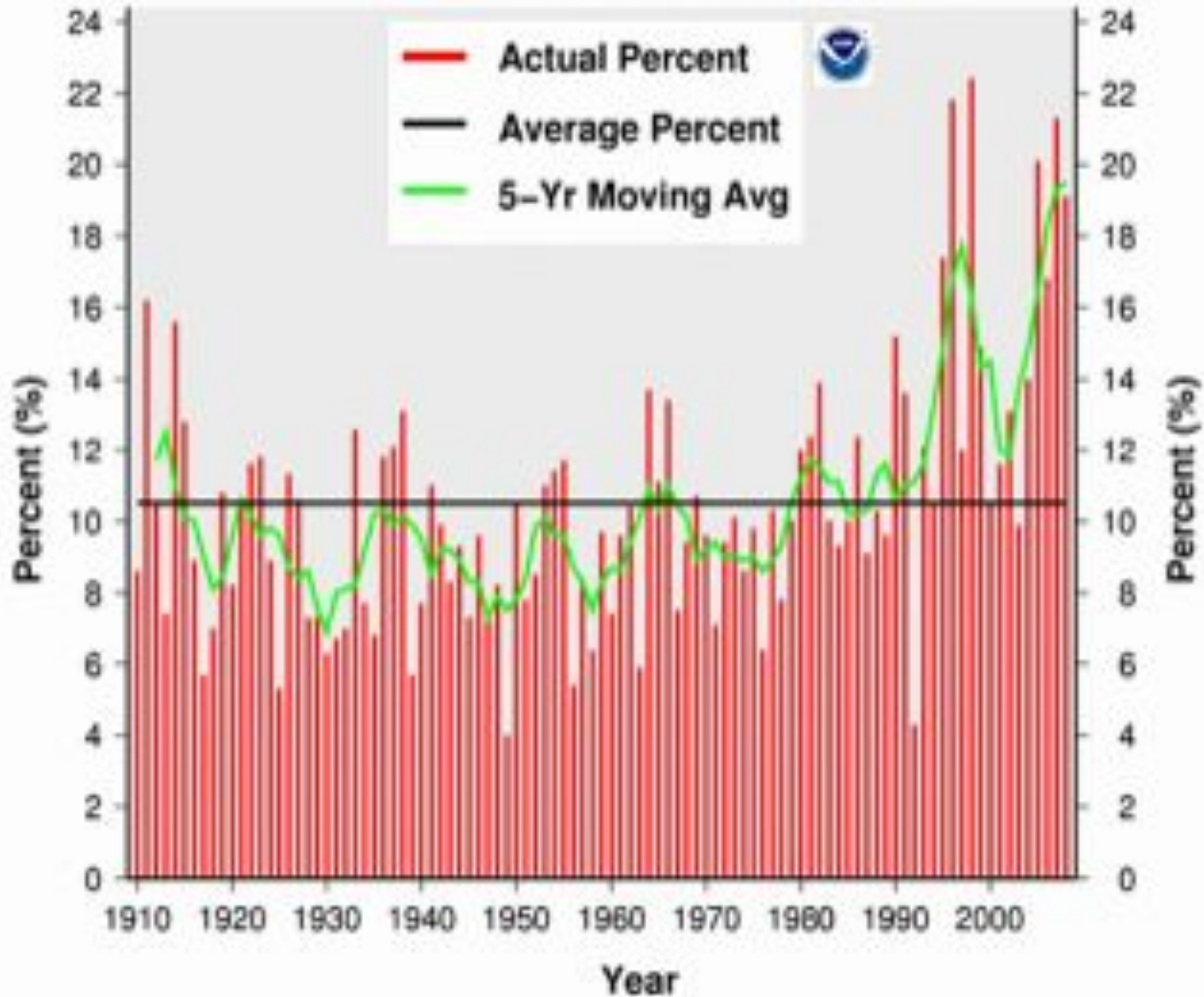


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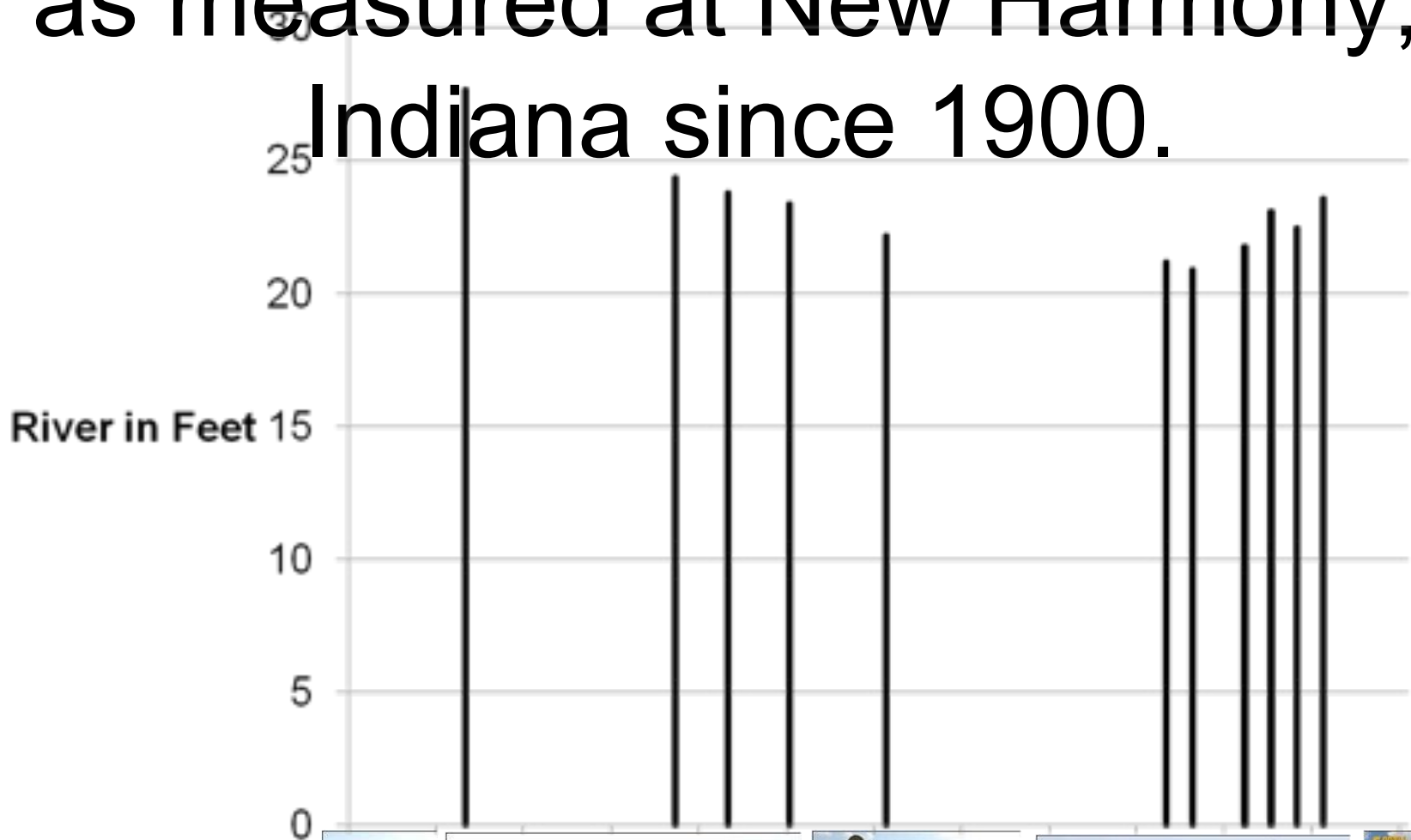




U.S. Climate Extremes Index for 1-day extreme precipitation Annual (Jan-Dec), 1910-2008



Twelve greatest floods events as measured at New Harmony, Indiana since 1900.









- **Glacial Ridge Restoration Project**
- The Nature Conservancy study indicates prairie restoration in Minnesota can help reduce downstream flooding.





Aug 12, 2007

Jan. 11-14 2012

Bill Kromrows

Mackeya Island

Image USRA Farm Service Agency
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Google

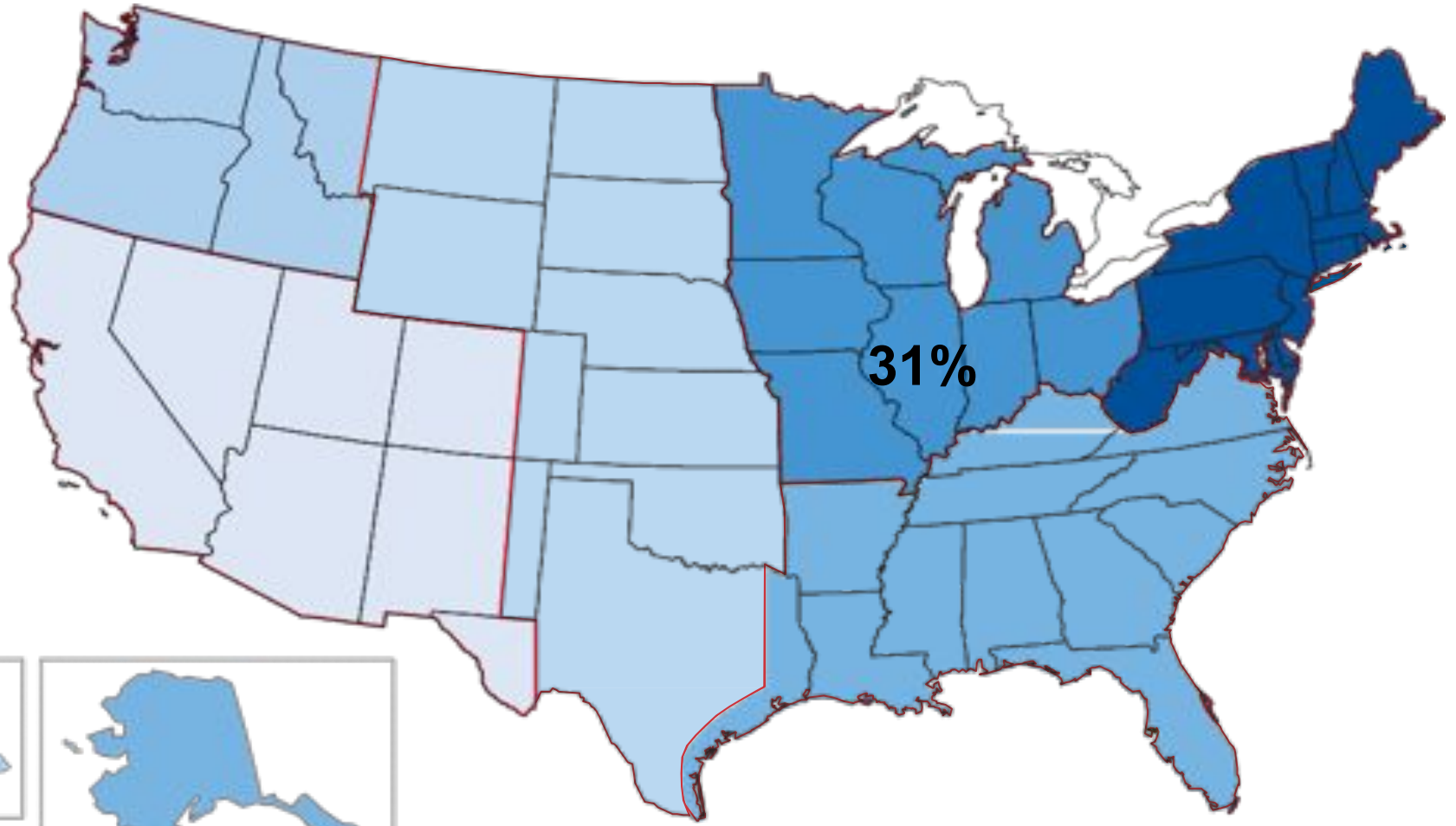




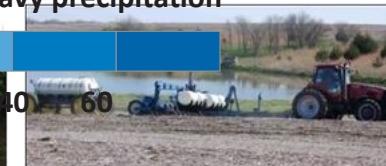
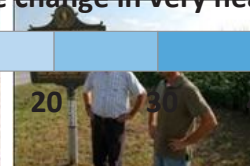
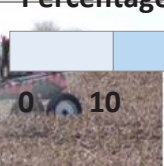


29/08/2011

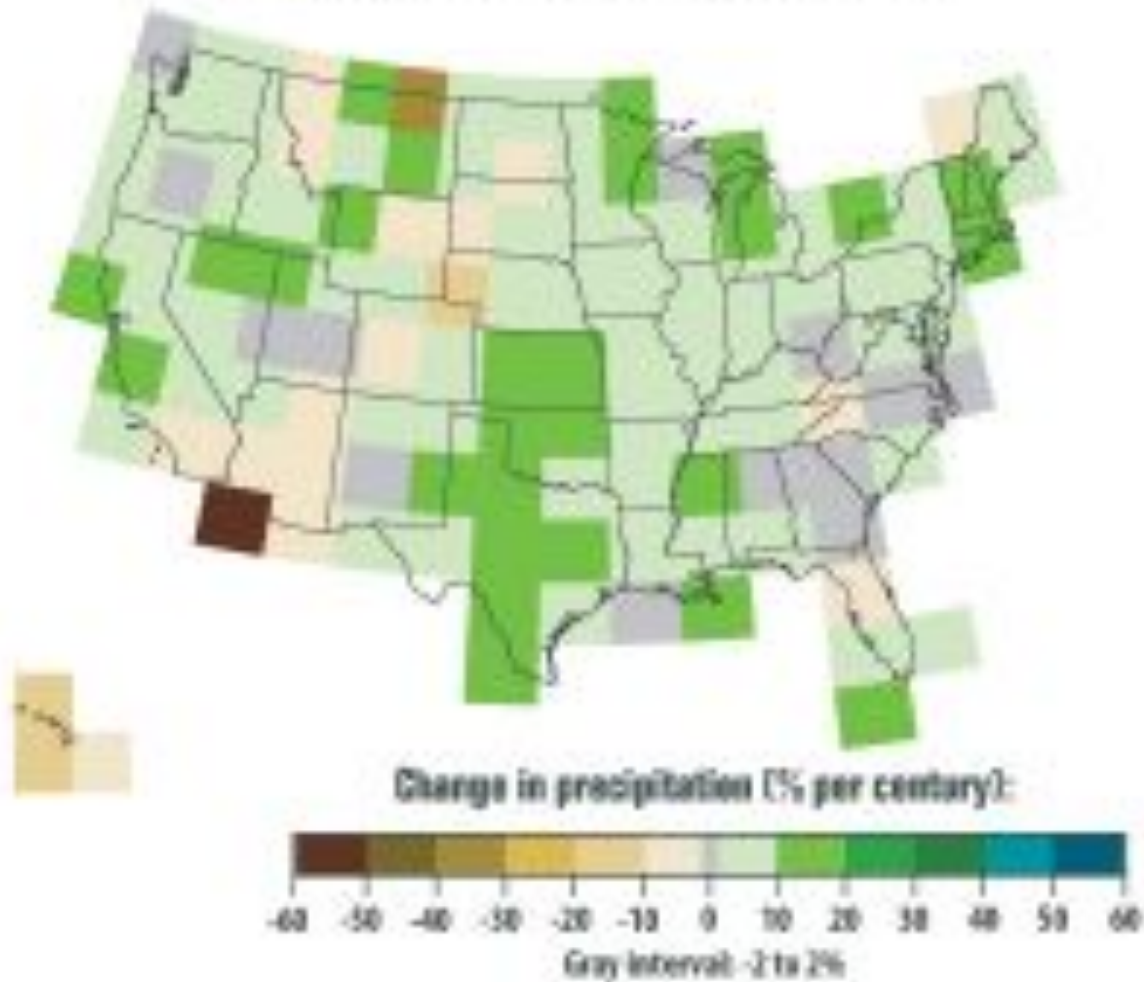
Percentage increases in the amount falling in very heavy precipitation events (defined as the heaviest 1% of all daily events) from 1958-2007



Percentage change in very heavy precipitation

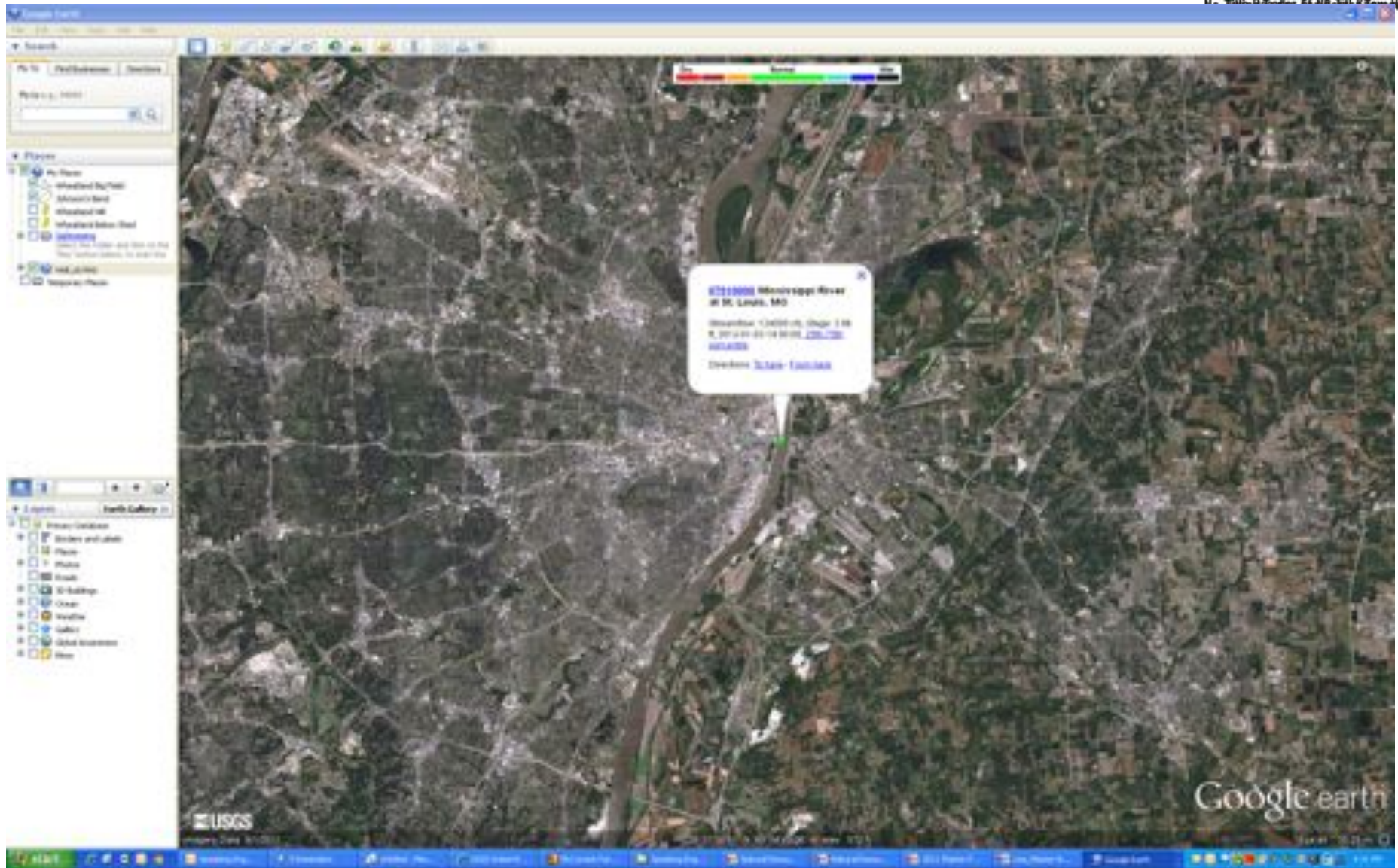


Rate of Precipitation Change, 1901-2008



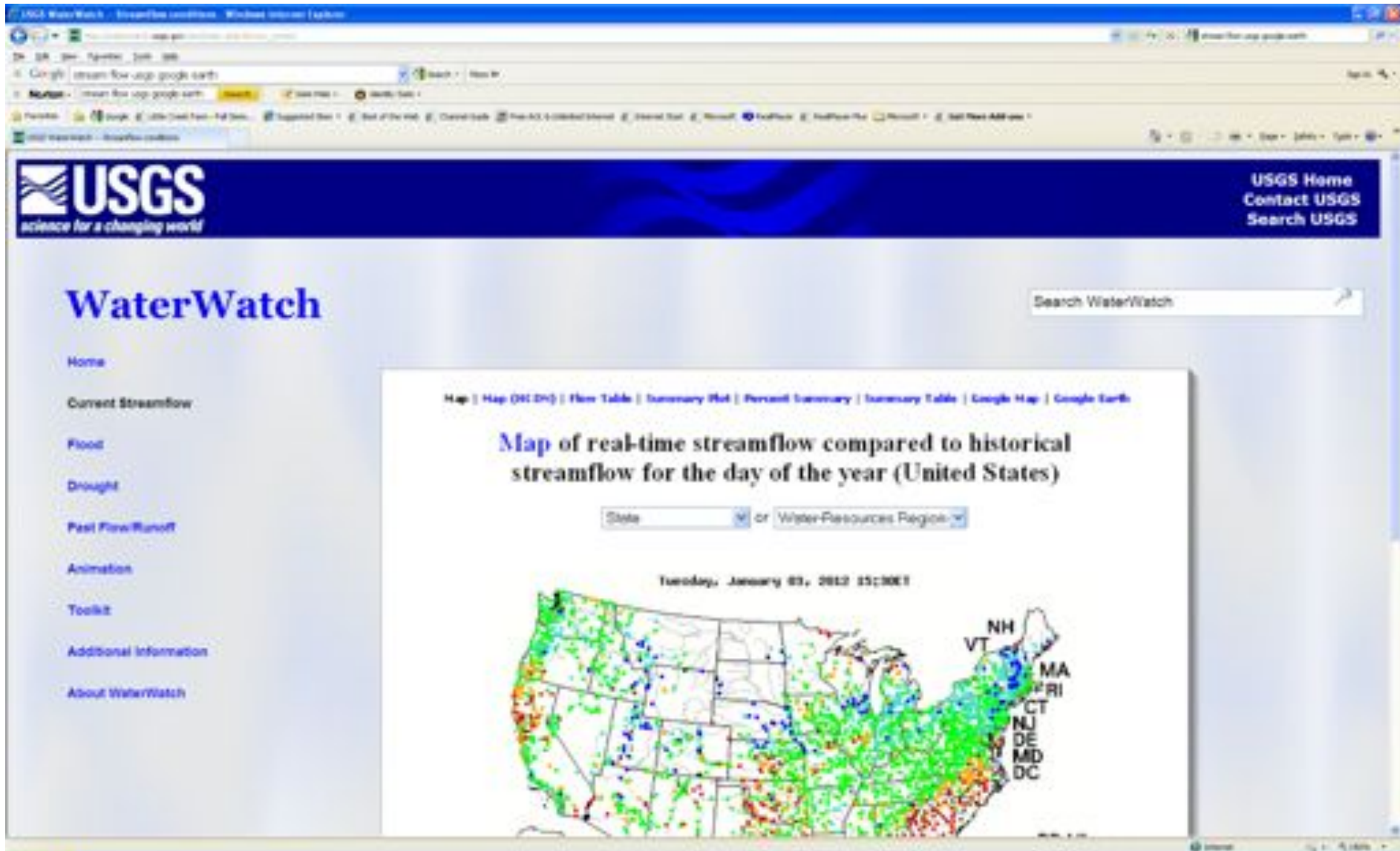


St. Louis, Missouri * Jan. 11-14 2012





The screenshot shows the USGS WaterWatch website interface. At the top, there is a navigation bar with the USGS logo and the tagline "science for a changing world". To the right of the logo, there are links for "USGS Home", "Contact USGS", and "Search USGS". Below the navigation bar, the main heading "WaterWatch" is displayed in large blue letters. To the right of the heading is a search box labeled "Search WaterWatch". On the left side, there is a vertical menu with the following items: "Home", "Current Streamflow", "Flood", "Drought", "Past Flow/Runoff", "Animation", "Toolkit", "Additional Information", and "About WaterWatch". The main content area features four maps of the United States, each with a title and a date: "Current Streamflow" (Monday, January 09, 2012 05:00), "Drought" (Monday, January 09, 2012), "Flood" (Monday, January 09, 2012 05:00), and "Past Flow/Runoff" (Monday, January 09, 2012). Each map uses a color scale to represent different water-related conditions across the country.





USGS
science for a changing world

USGS Home
Contact USGS
Search USGS

WaterWatch

Search WaterWatch

- Home
- Current Streamflow
- Flood
- Drought
- Past Flow/Runoff
- Animation
- Toolkit
- Additional Information
- About WaterWatch

[Map](#) | [Map \(H/D\)](#) | [Flow Table](#) | [Summary Plot](#) | [Percent Summary](#) | [Summary Table](#) | [Google Map](#) | [Google Earth](#)

Google Earth Streamflow KML Files

Display real-time streamgages in **Google Earth**. Google Earth is an interactive, 3D viewer that seamlessly zooms from a global scale down to less than a meter in many urban areas. To display USGS streamgages, download one of the following files and open it in Google Earth.

- [Streamgages, colored by streamflow conditions \(2000\)](#)
This is a KML file of a USGS real-time streamgage map. Each gage is colored in terms of flow conditions. This file is re-created every hour.
- [Streamgages, colored by streamflow conditions \(2000\)](#)
This is a refreshable version KML of a USGS real-time streamgage map. Once it is opened in Google Earth, the contents will be refreshed in every hour.

Build Regional Real-time Streamflow KML

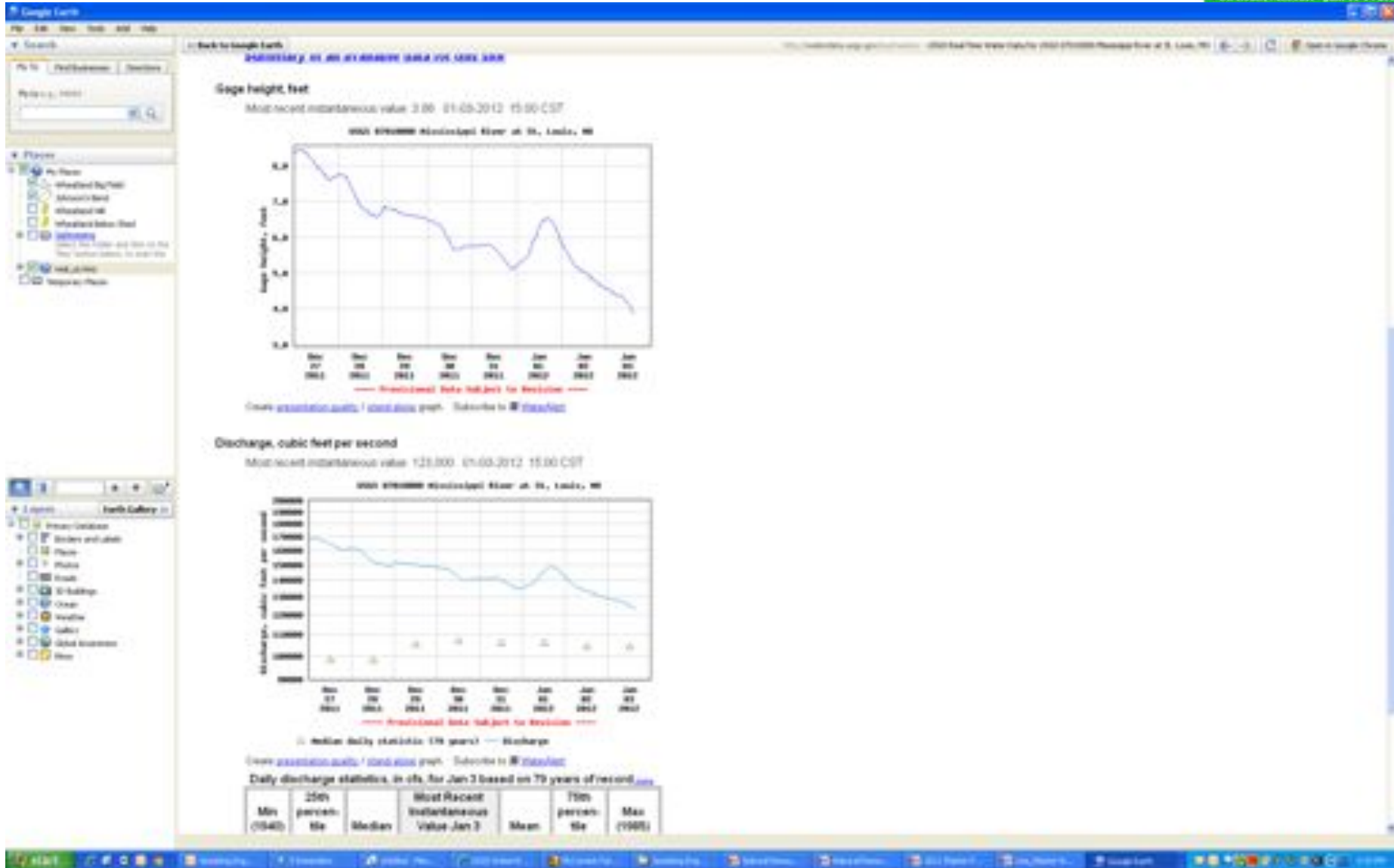
Retrieve Regional Streamflow KML File

Regions:

United States | Water Resource Region | Non-US Countries

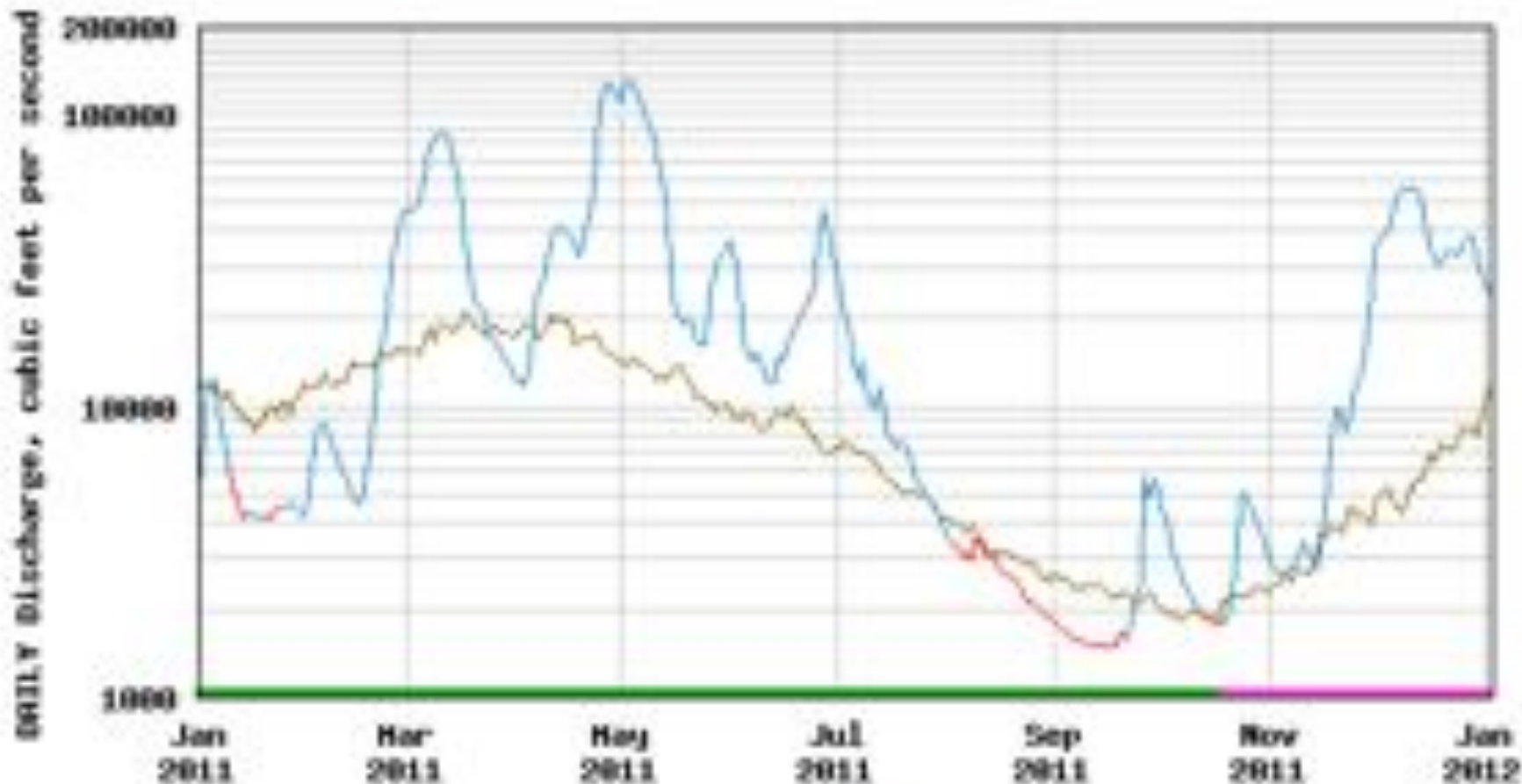
KML format: Static Refreshable

Map of Real-time Streamflow Conditions





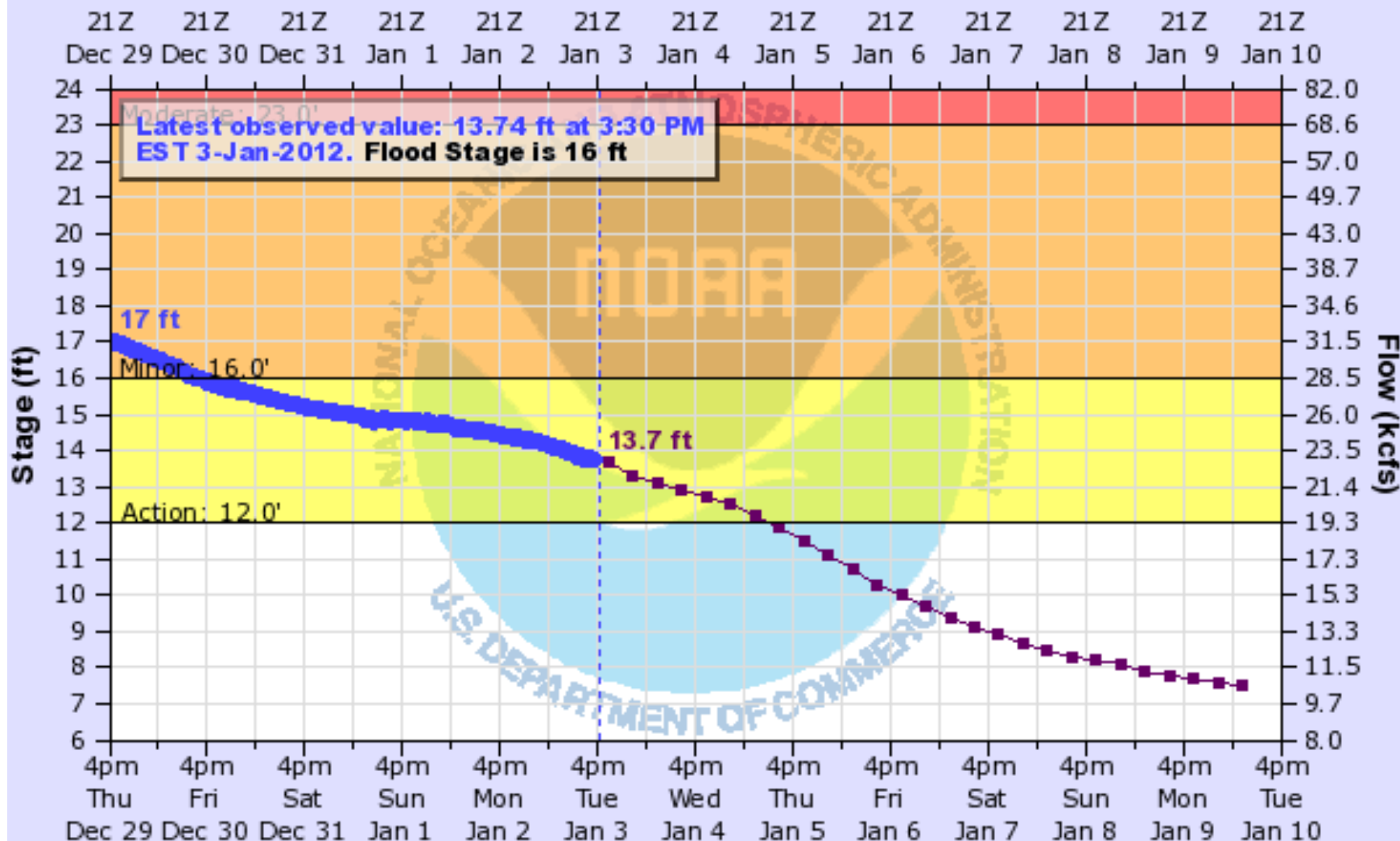
USGS 03374000 WHITE RIVER AT PETERSBURG, IN



- Median daily statistic (83 years)
- Daily mean discharge
- Estimated daily mean discharge
- Period of approved data
- Period of provisional data

WHITE RIVER AT PETERSBURG

Universal Time (UTC)



--- Graph Created (4:34PM Jan 3, 2012) ● Observed ■ Forecast (issued 9:04AM Jan 3)

PTR13(plotting HGIRG) "Gage 0" Datum: 400'

Observations courtesy of US Geological Survey

20th Annual National No-Tillage Conference

St. Louis, Missouri * Jan. 11-14, 2012



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Jan. 11-14, 2012
eKTomdrows





































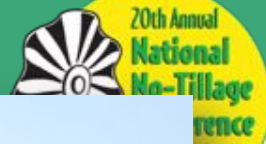






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LIFE



LIFE



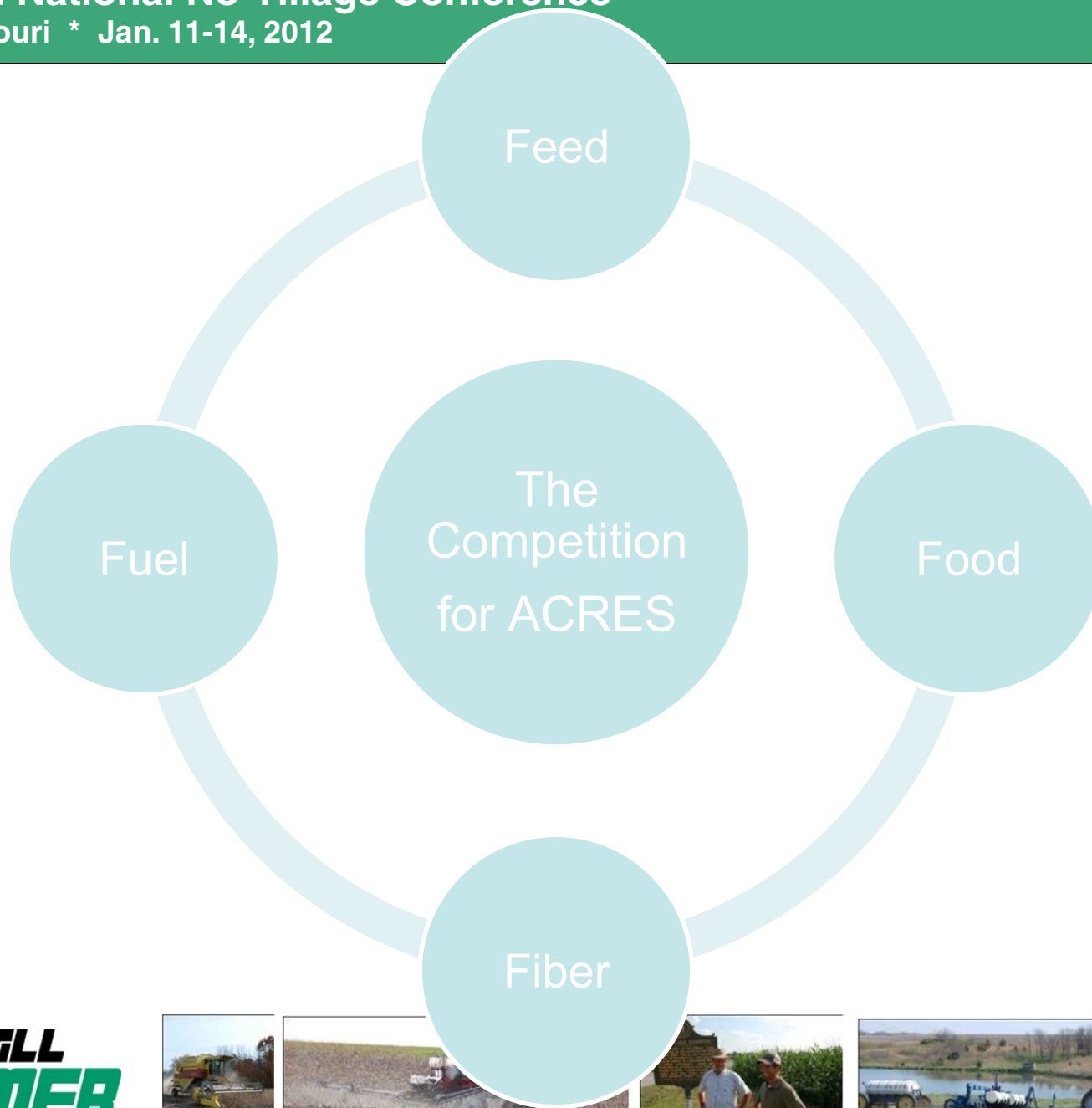
LIFE

**NO-TILL
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No-Tillage Today 66 No-Till K Tomatoes







**NO-TILL
FARMER**





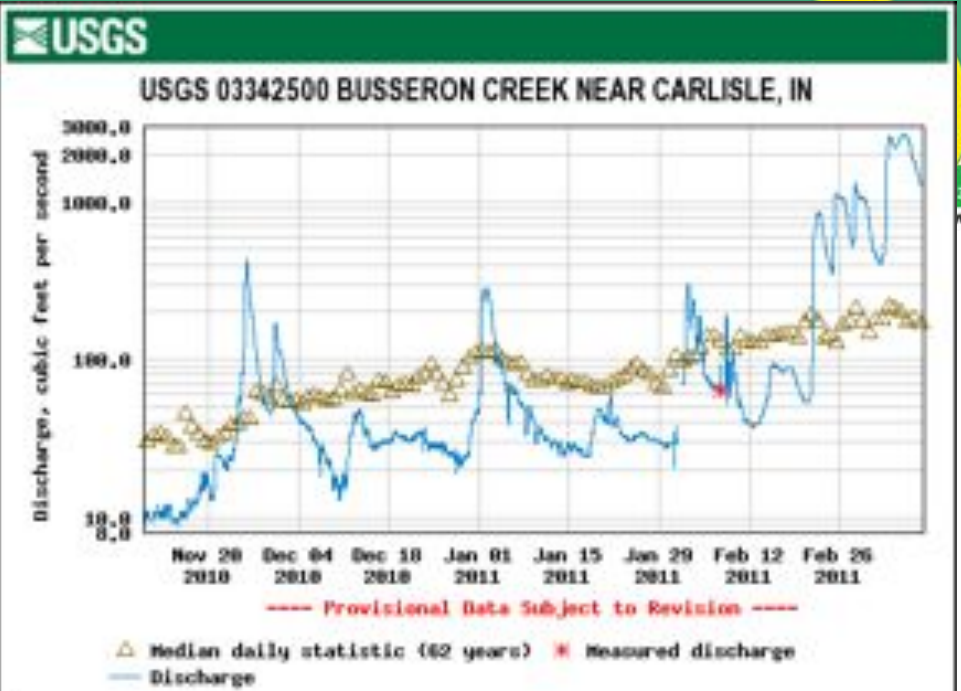
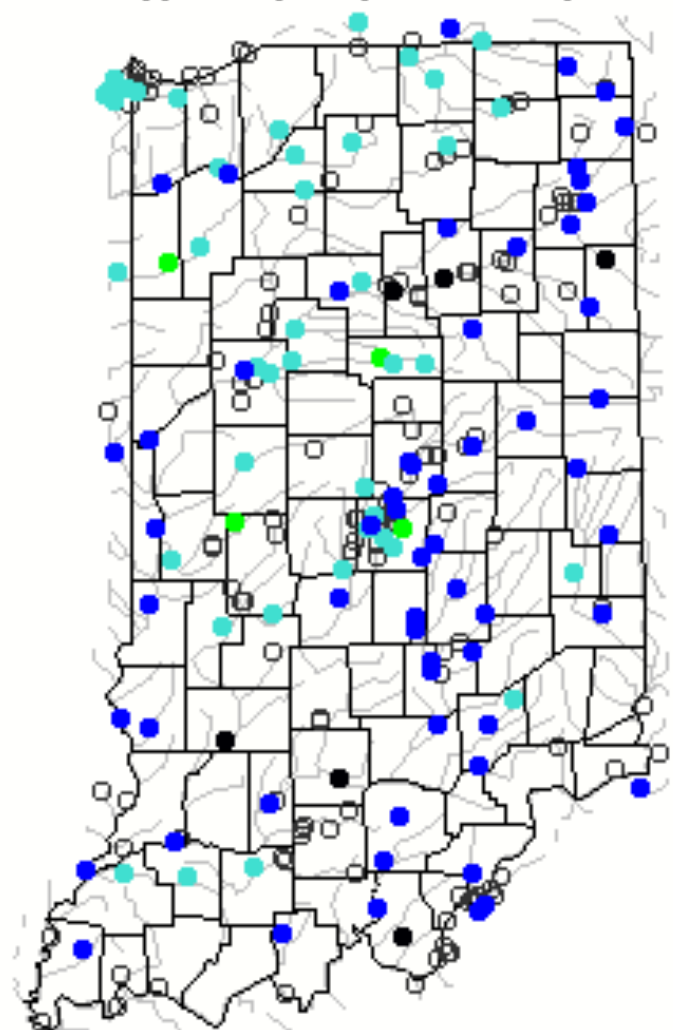






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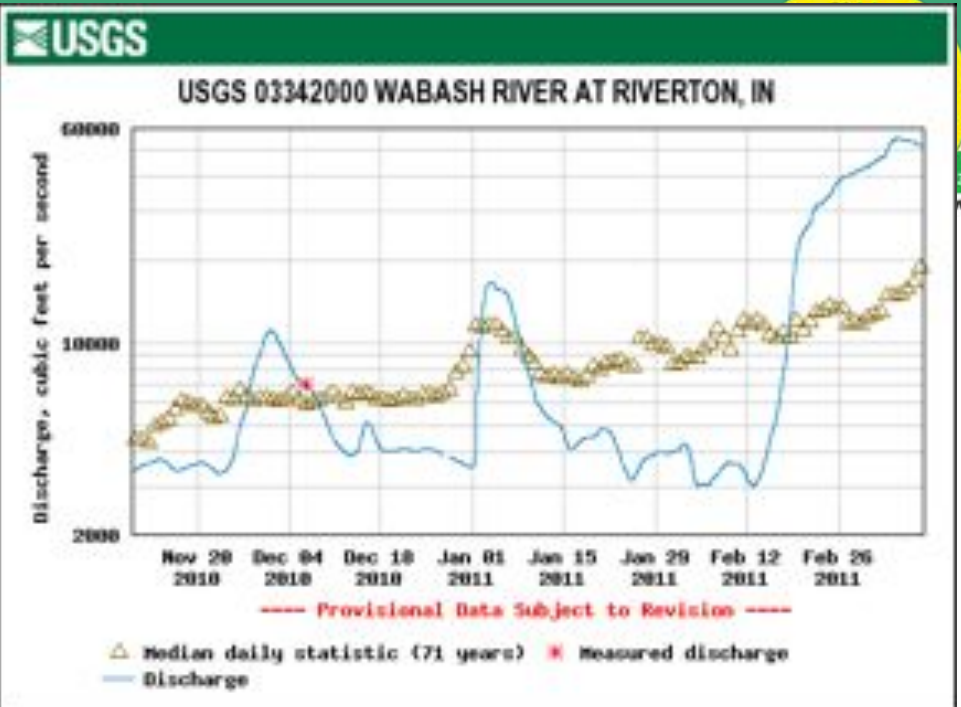
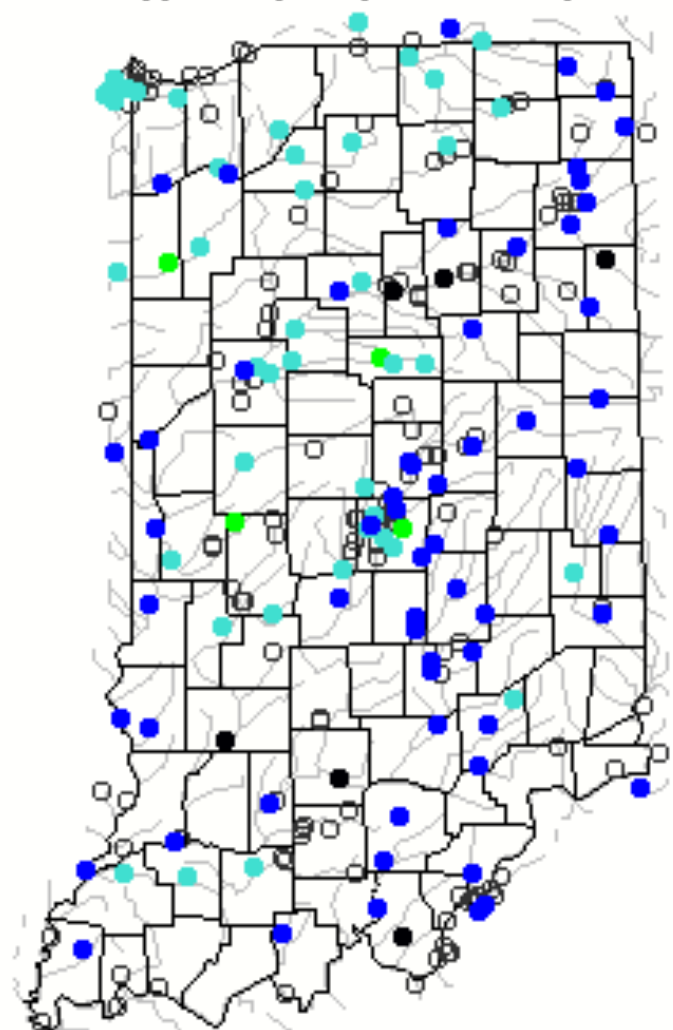
Thu., Mar. 10, 2011 13:30ET



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29/08/2011

Closing Thoughts

- Phosphorus and Nitrogen runoff represent a problem to rivers, a substantial economic loss, and a possible security risk.
- Stormwater runoff and agricultural drainage need to be thought of in whole new way.
- Indiana is losing reservoir capacity. This will potentially result in more frequent flooding and also water shortages, especially since current water withdrawal policies favor excessive use.
- The Wabash River is extremely significant and should be the center of river conservation efforts in Indiana.





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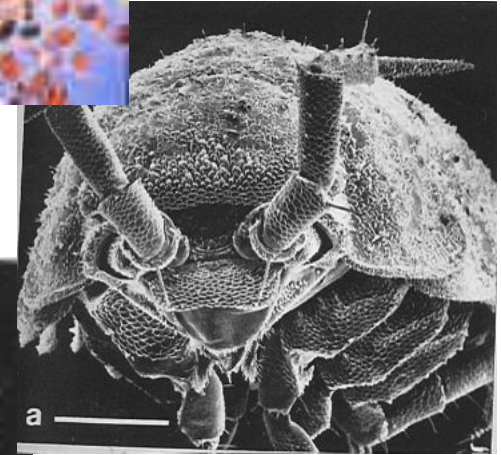
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