



Esri Water Resources Updates

Caitlin Scopel

Daniel Siegel

Dean Djokic

Outline

What's new with the Watershed and Trace Downstream tools?

ArcGIS Online and Web App Builder

What's new in the Living Atlas?

Gallery, Browse Living Atlas Layers, Geoenrichment

Stream Gauges Community Map

Flood Map

The Road Ahead

Nominate your maps and apps to be included in the Living Atlas!

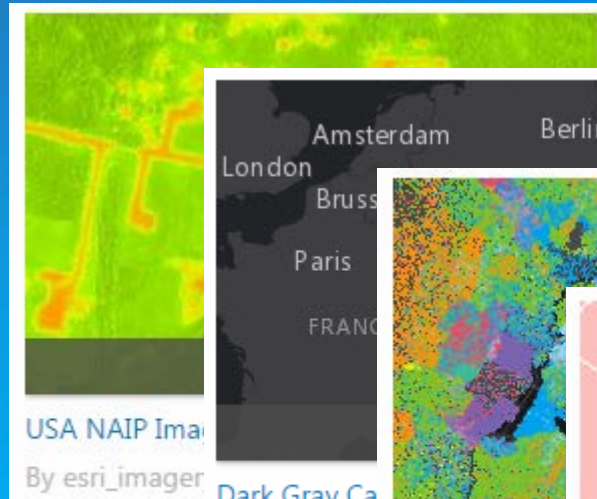
What's new with Watershed and Trace Downstream

Perform Analysis in ArcGIS Online

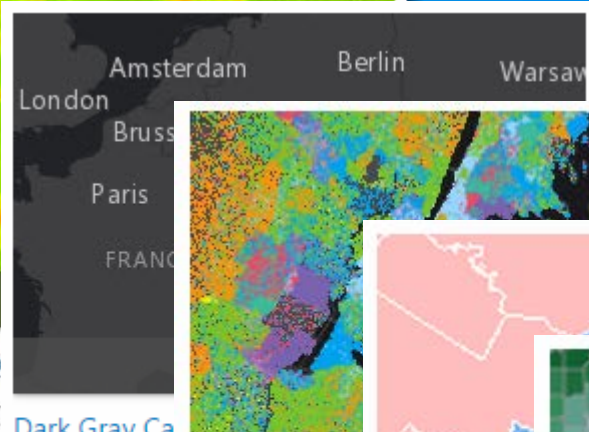
Web App Builder (watch demo in webinar)

The Living Atlas

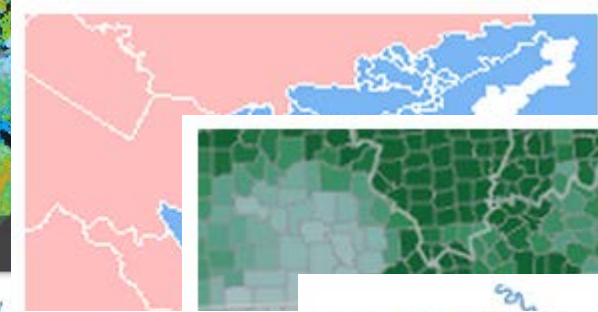
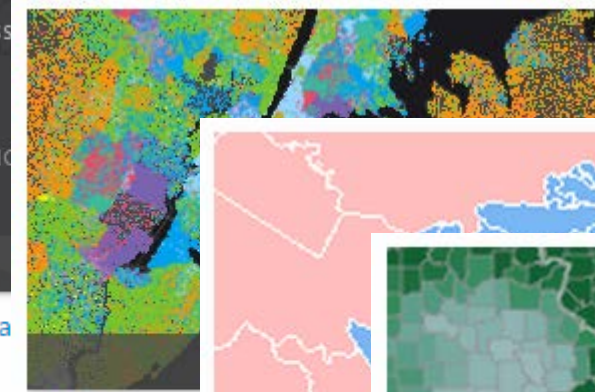
1. Imagery
2. Basemaps
3. Demographics & Lifestyle
4. Boundaries & Places
5. Landscape
6. Community Maps
7. Transportation
8. Urban Systems
9. Earth Observations
10. Historic Maps



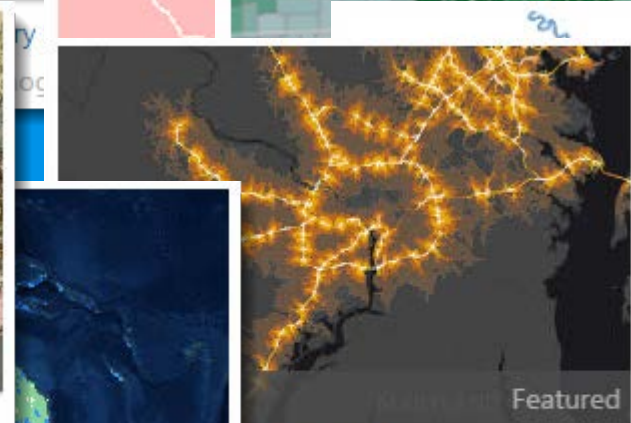
USA NAIP Imagery
By esri_imagery



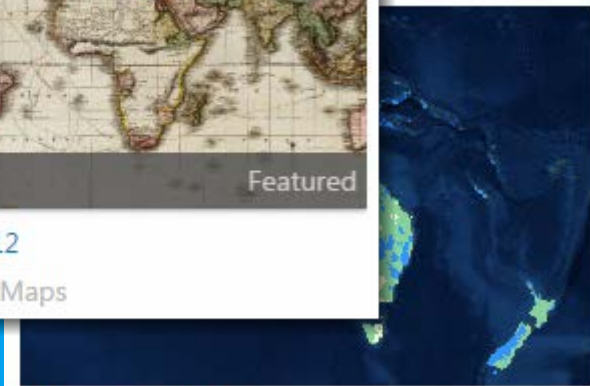
Dark Gray Canvas Basemap
By esri



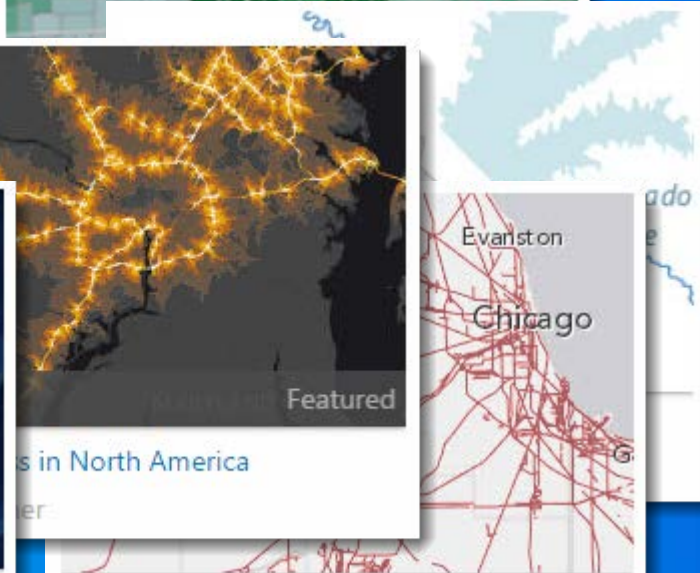
World Globe 1812
By DavidRumseyMaps



Featured



Monthly Soil Moisture
By esri_observations



USA Railroads
By esri_Landscape

The Road Ahead

- Live Stream Gauges Map goes global
 - Real-time observations from Australia, New Zealand, Germany, and Belgium
 - More contributions in the U.S. as well
- More Time Series Analysis Capabilities
 - Calculate normals and anomalies on-the-fly
 - USA Drought Tracker App
- Unlocking Scientific Datasets
 - Rich datasets from NOAA, NASA, NGO's, etc.
 - Considering additional satellite feeds



Stream Gauges Community Map

Send data large than 1GB x

Transfer via FTP

Connection information will be mailed to the following address

tyoder@esri.com

[Edit](#)

Send FTP
Info

I will mail you my data

Esri-Community Maps Team
380 New York St
Redlands, CA 92373-8100 USA

I'm Mailing
Now

Please send me a hard drive

A hard drive will be mailed to the following address

Click Edit to enter mailing address

[Edit](#)

Send Me
Drive

[Back to upload \(<1GB\)](#)

Flood Map

Legend

Live Stream Gauges

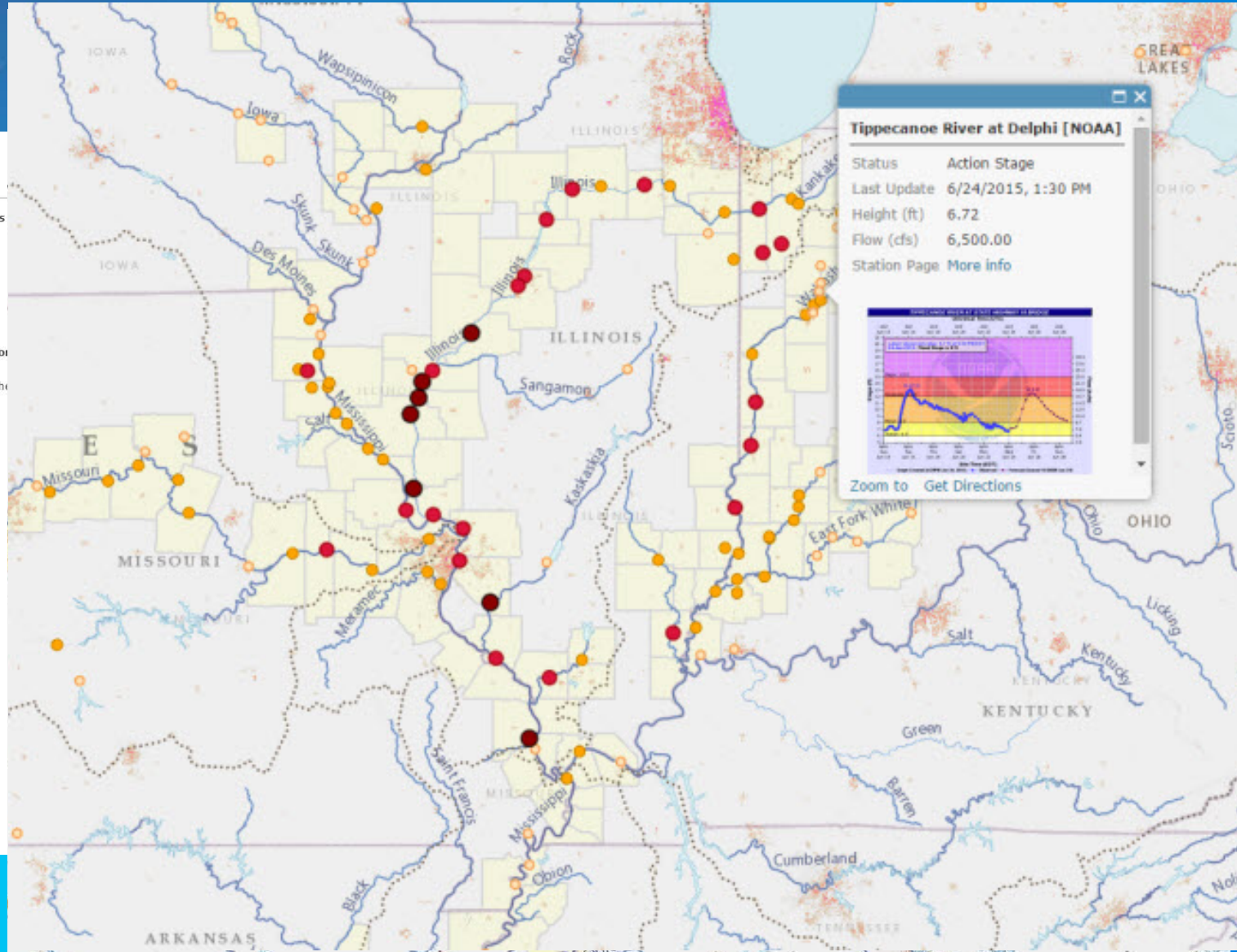
Stream Gauges

- Major Flood
- Moderate Flood
- Minor Flood
- Action Stage

72 Hour Precipitation Forecast

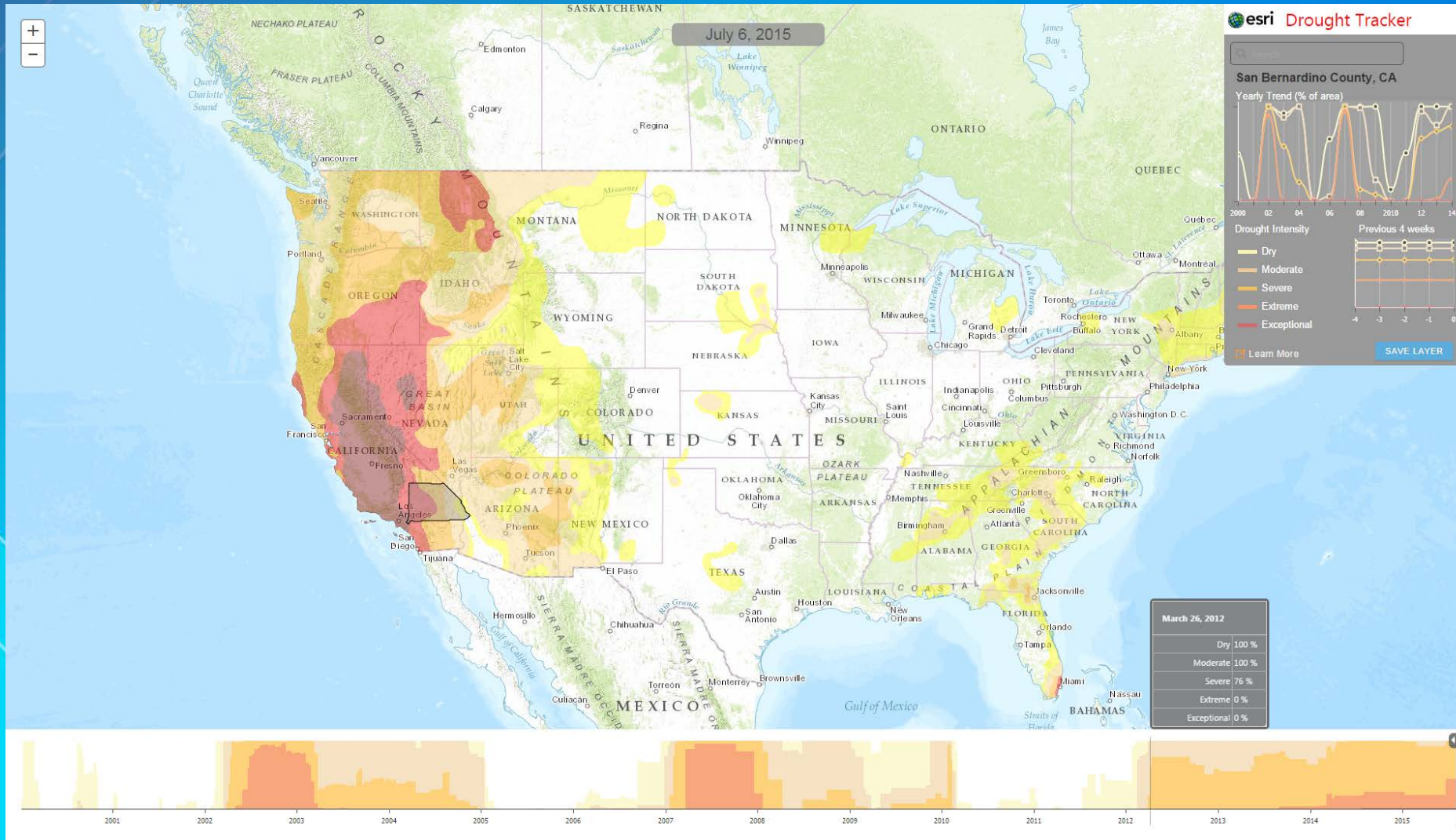
Cumulative Total (inches)

- 0.01 - 0.10
- 0.10 - 0.25
- 0.25 - 0.50
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2
- 2 - 2.5
- 2.5 - 3
- 3 - 4
- 4 - 5
- 5 - 6



Drought App

Drought App and Supporting Data





Nominate App


Nominate your maps and apps to be included in the Living Atlas!

My Items (Esri Earth Observations - esri_observations)
25 Items

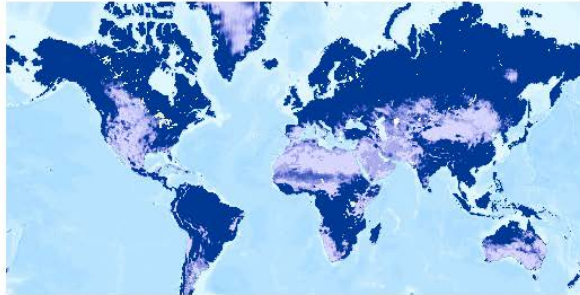
Search your items Sort by Filter Items


 **GLDAS Precipitation**
Web Map - Sharing: public - Updated July 6, 2015
Source: Web Map
5 views

 **GLDAS Evapotranspiration**
Web Map - Sharing: public - Updated July 6, 2015
Source: Web Map
10 views

 **Monthly Runoff**
Web Map - Sharing: public - Updated July 6, 2015
Source: Web Map
31 views
ArcGIS Online

+
-
Home



Esri, FAO, NOAA | Source: NASA 

Current Score required score 80 **87/100**

Questions?

Cscopel@Esri.com

Dsiegel@Esri.com

Mapping and Visualization Demo Theaters

Tuesday: 3 - 4pm

Wednesday: noon – 1pm



Understanding our world.