

# Useful Design Tools

<http://colorbrewer.org>

number of data classes on your map  [learn more >](#)

the nature of your data  
**sequential** [learn more >](#)

pick a color scheme: BuGn

**multihue** **single hue**

(optional) only show schemes that are:  
 colorblind safe  print friendly  
 photocopy-able [learn more >](#)

pick a color system  
229, 245, 249  RGB  CMYK  HEX  
153, 216, 201  
44, 162, 95

adjust map context  
 roads   
 cities   
 borders

select a background  
 solid color   
 terrain

[learn more >](#) color transparency

EXPORT YOUR COLORS >>

**COLORBREWER 2.0**  
color advice for cartography

© Cynthia Brewer, Mark Harrower and The Pennsylvania State University  
[Support](#)  
[Back to ColorBrewer 1.0](#)

**axm**

# Mapbox Studio

# Design, Build and Publish

The screenshot shows a map of the Arctic region with several shipping routes highlighted in blue. The routes include the Northern Sea Route (NSR), the Northwest Passage (NWP), and the Northeast Passage (NEP). The map also features labels for numerous cities and geographical features across the Arctic and surrounding landmasses. On the left side, there is a sidebar with a tree view of the project structure, including sections for 'Country labels', 'Place labels', 'Shipping route names', 'Arctic Circle label', 'Mask outline', 'Mask (labels above, shapes below)', 'Arctic Circle', 'Shipping routes', 'Admin boundaries', 'Roads', 'Urban areas', 'Land areas', 'Land shadow', 'Water tint', 'Bathymetry', and 'Properties'. The 'Properties' section is currently active, displaying settings for the selected 'Place labels' layer. These settings include:

- Text**: Text field: {name}, Color: #000, Opacity: 1, Font: Mark Offc Pro Book (Fallback: Arial Unicode MS Regular), Size: Multiple values (Pick one →), Letter spacing: 0 em, Line height: 1.2 em, Max width: 10 em.
- Icon**: Not applicable for this layer type.
- Position**: Not applicable for this layer type.
- Placement**: Not applicable for this layer type.

At the bottom right, there are standard map controls for zooming and panning.

<https://www.remove.bg/>

The screenshot shows the homepage of remove.bg. At the top, there's a navigation bar with the logo 'removebg' (a blue diamond icon followed by the text), 'How to use', 'Tools & API', and 'Pricing'. To the right are two buttons: 'Remove Background' (highlighted with a blue border) and 'Login / Sign up'. Below the navigation, the main heading 'Remove Image Background' is displayed in large, bold, dark font. Underneath it, the text '100% Automatically and Free' is shown, with 'Free' underlined in green. To the left of the heading is a photograph of a woman wearing a straw hat and sunglasses, smiling. A green curved arrow points from this image towards the central upload area. The central area features a large, rounded rectangular frame containing a smaller version of the same photo. Inside this frame is a 'Upload Image' button with an upward arrow icon and the text 'or drop a file'. Below this is a text input field with the placeholder 'Paste image or URL' and a keyboard shortcut 'ctrl + v'. At the bottom of the page, there's a section titled 'No image? Try one of these:' followed by four small thumbnail images: a woman, a llama, pancakes, and a car.

removebg

How to use Tools & API Pricing

Remove Background Login / Sign up

# Remove Image Background

100% Automatically and Free

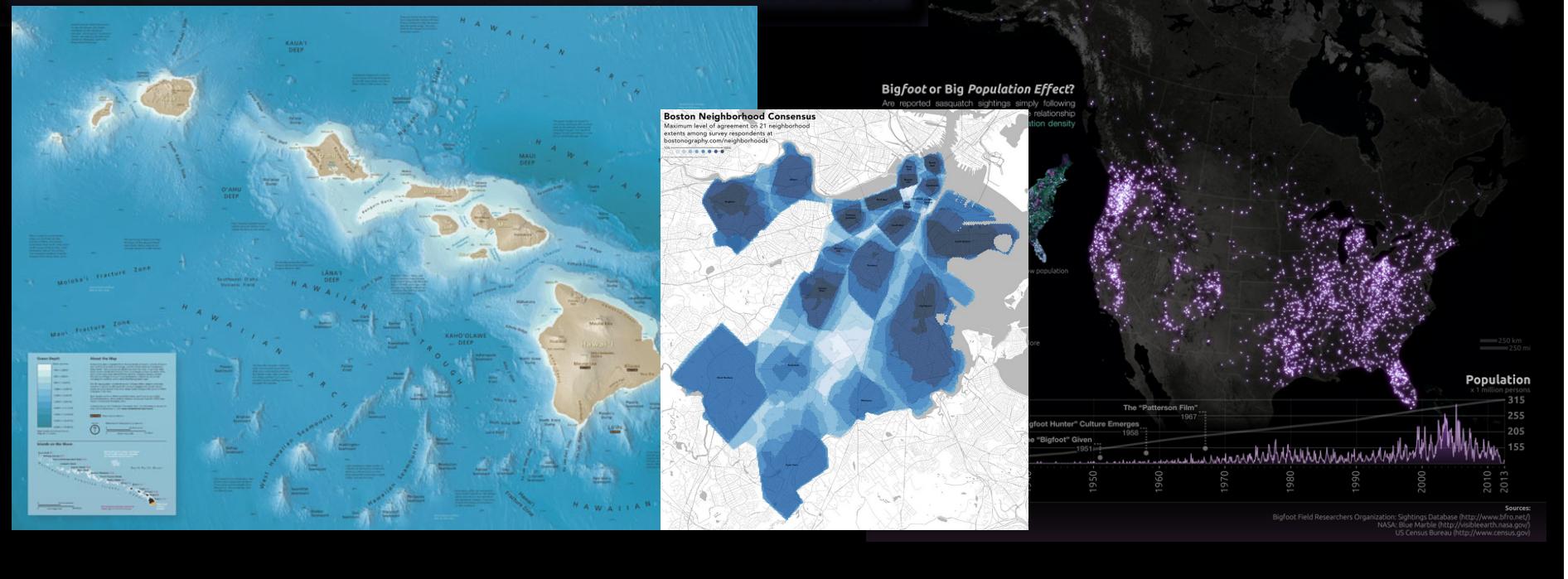
Upload Image  
or drop a file

Paste image or URL `ctrl + v`

No image?  
Try one of these:



# Sources for Map Inspiration

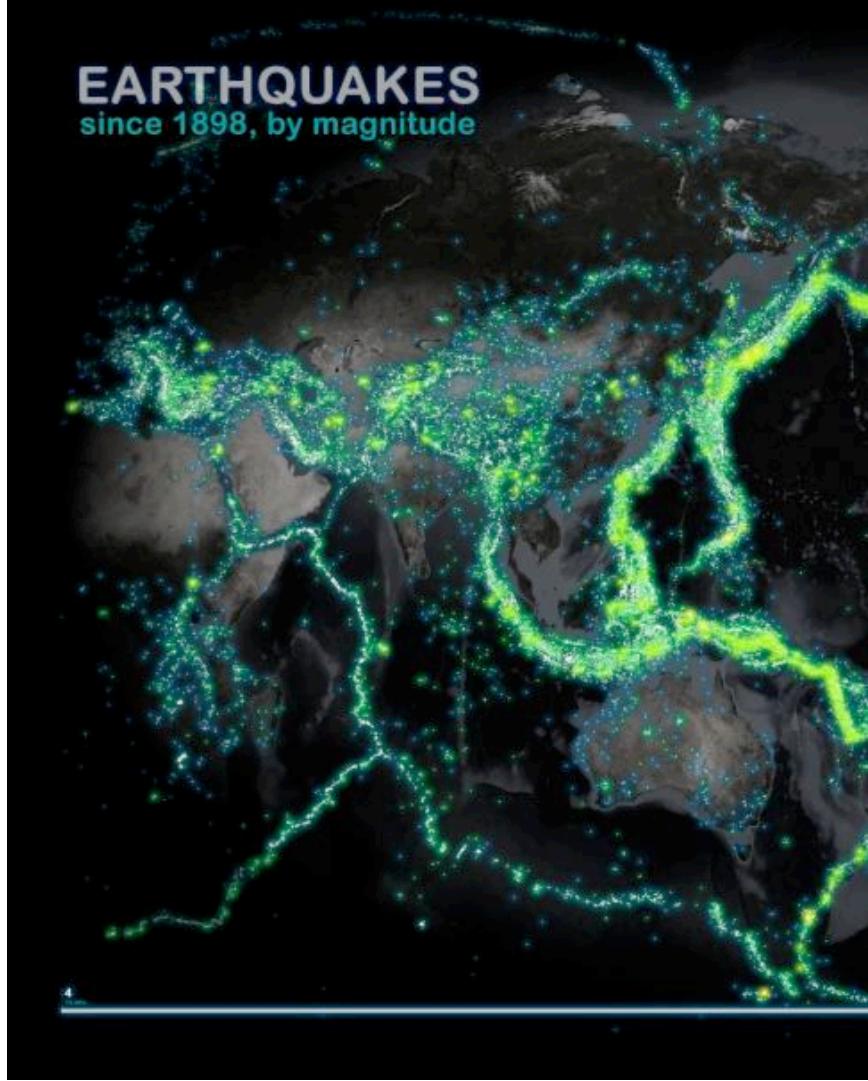


<https://adventuresinmapping.com>



John Nelson, professional cartographer

[https://www.esri.com/arcgis-blog/author/j\\_nelson/](https://www.esri.com/arcgis-blog/author/j_nelson/)



<http://www.joshuastevens.net>

## Sasquatch Sightings: US & Canada

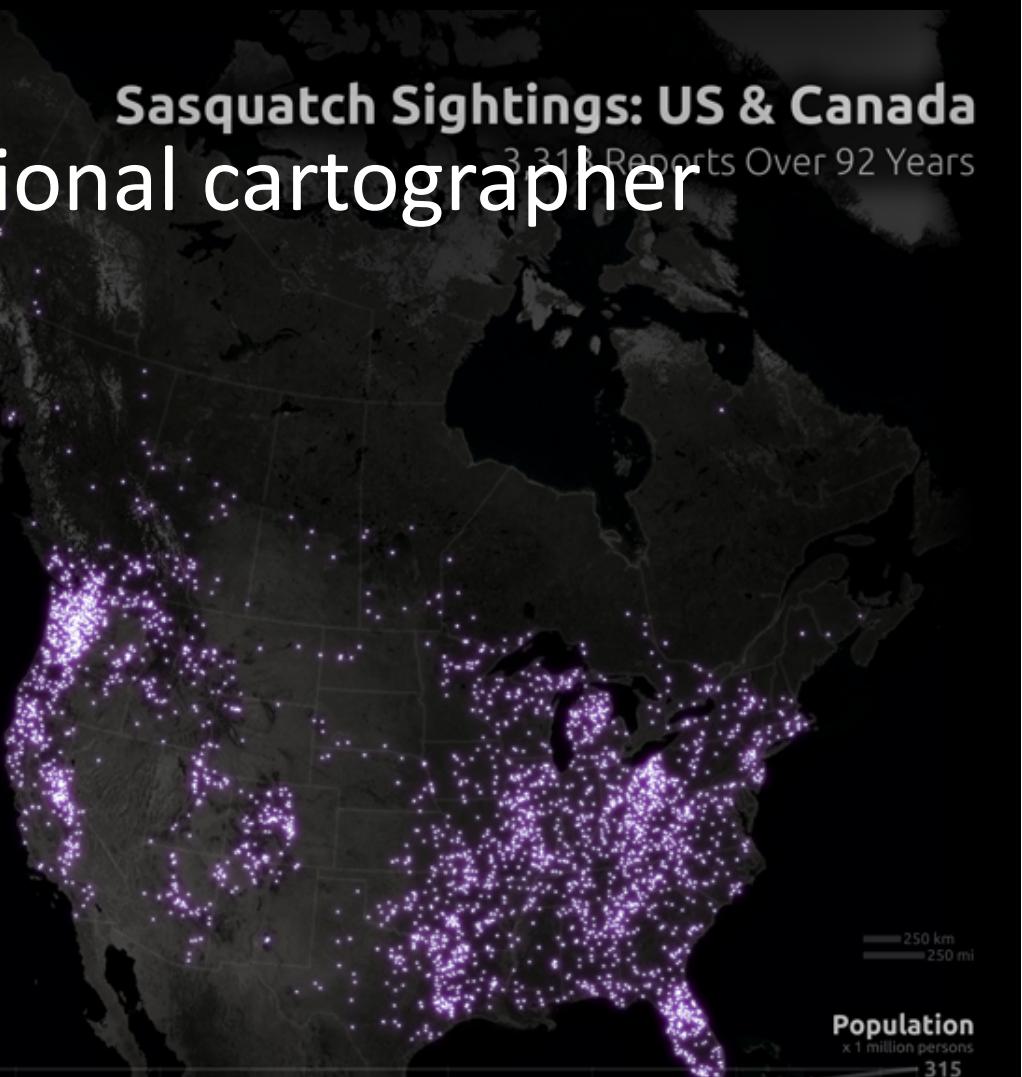
3,311 Reports Over 92 Years

# Josh Stevens, professional cartographer

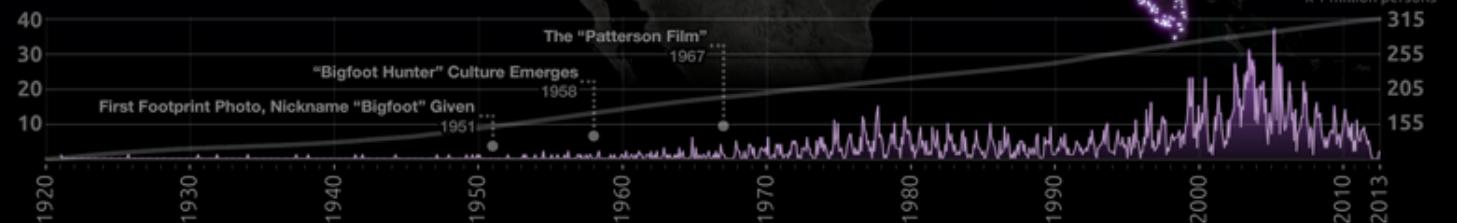


### Bigfoot or Big Population Effect?

Are reported sasquatch sightings simply following population trends? This map shows the relationship between reported sightings and population density within each US county.



### Reported Sightings



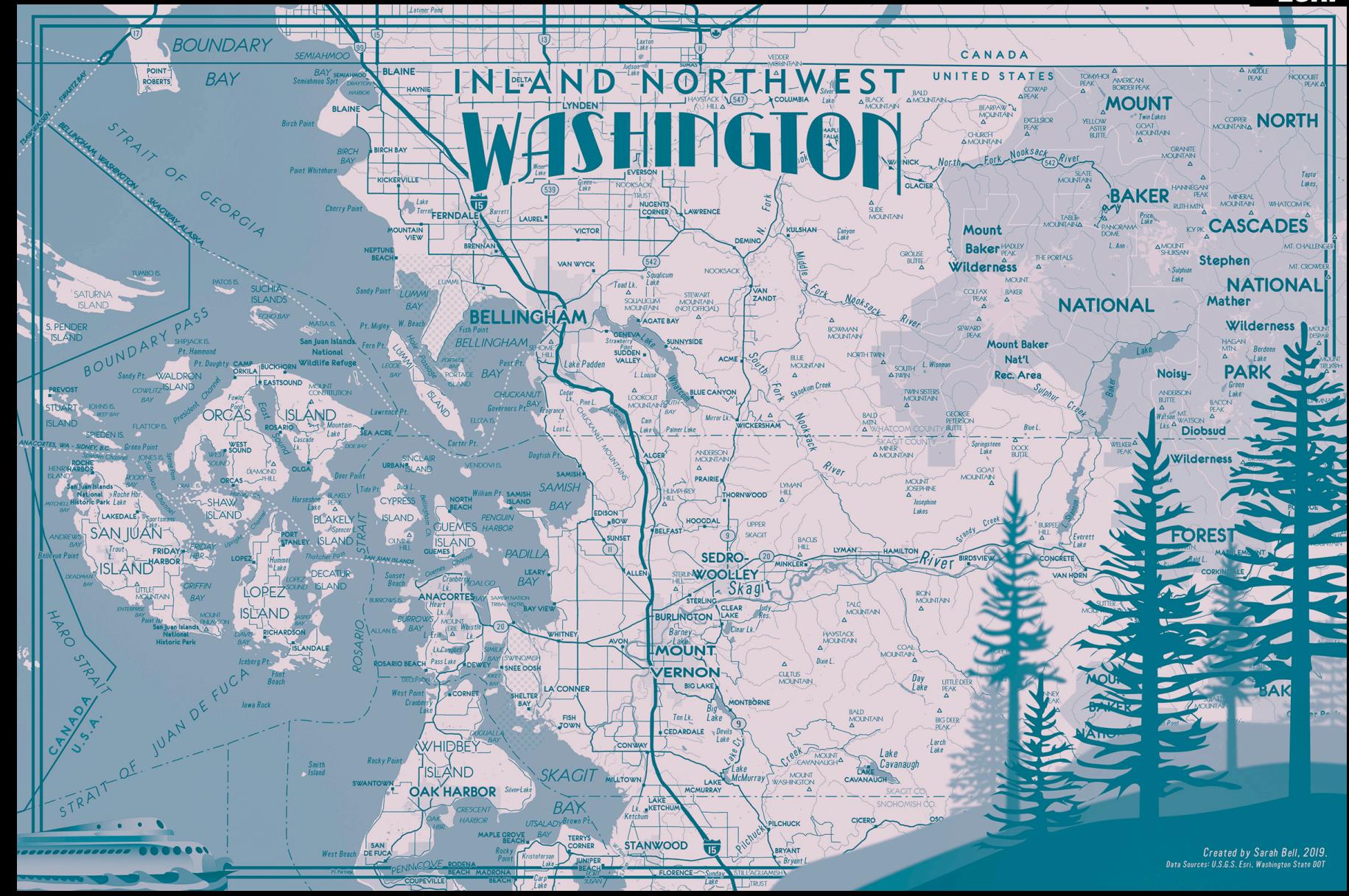
Joshua Stevens | [JoshuaStevens.net](http://JoshuaStevens.net)  
@jscarto

Sources:  
Bigfoot Field Researchers Organization: Sightings Database (<http://www.bfro.net/>)  
NASA: Blue Marble (<http://visibleearth.nasa.gov/>)  
US Census Bureau (<http://www.census.gov>)

<http://www.joshuastevens.net/visualization/squatch-watch-92-years-of-bigfoot-sightings-in-us-and-canada/>

<https://www.sarahbellmaps.com/>

Sarah Bell, professional cartographer



<http://bostonography.com>

# Andy Woodruff, professional cartographer

## BOSTONOGRAPHY

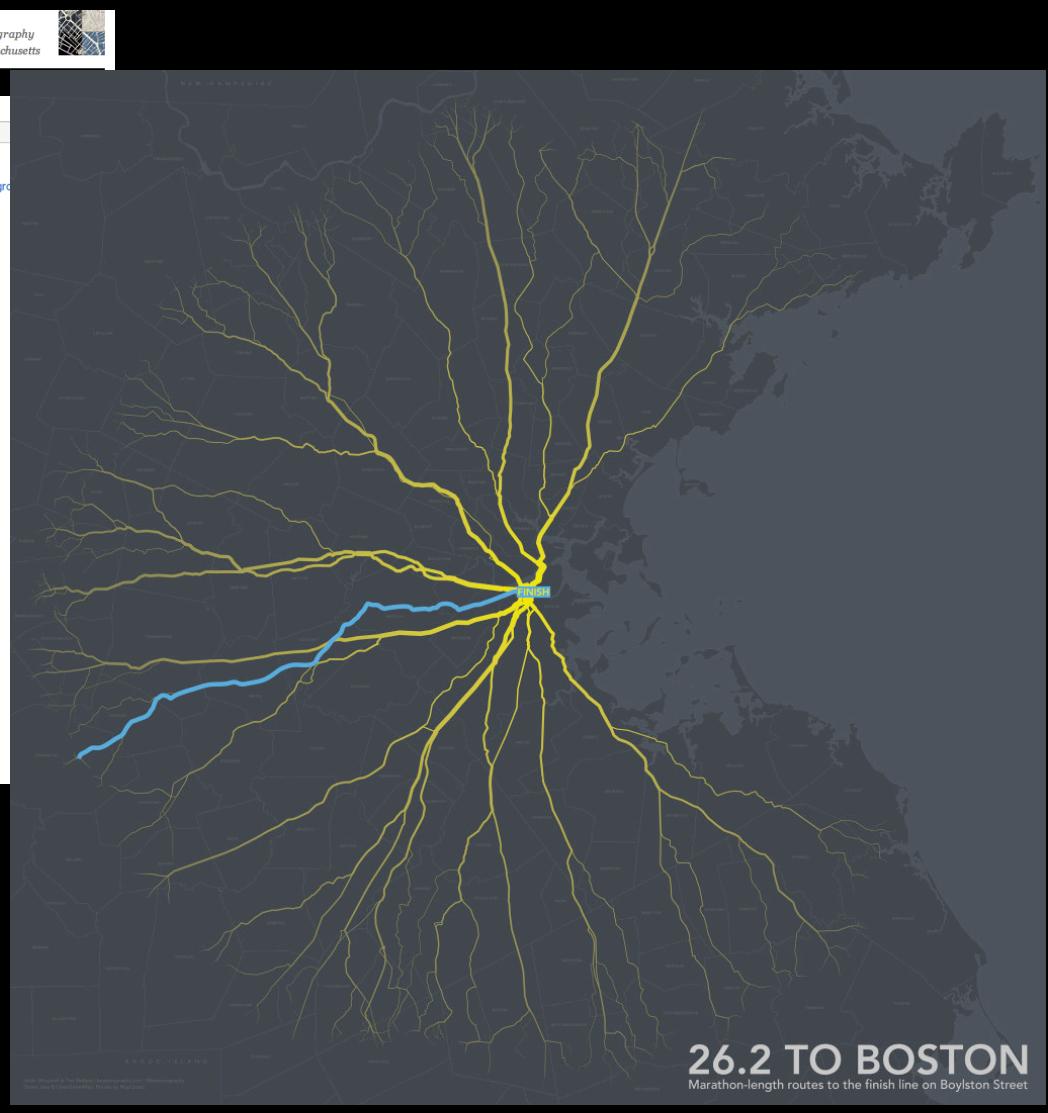
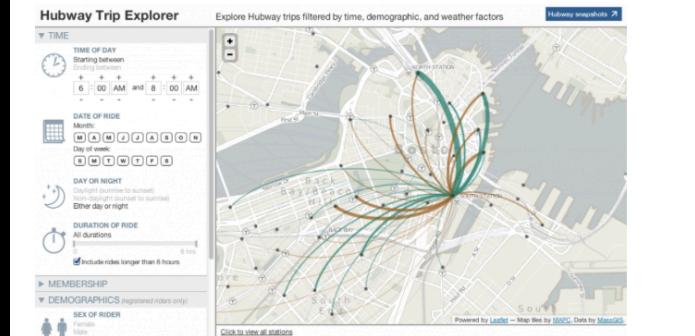
About Bostonography   About the Authors   Our Maps   Neighborhood Boundaries

### Visualizing Hubway, for real this time

Posted on November 5, 2012 by Andy Woodruff

How convenient. As soon as we got around to our [previous post](#), in which we mapped some Hubway bike sharing data, a new visualization contest started. This time, [MAPC](#) and Hubway invited people to [visualize every Hubway trip](#) to date (October 1, 2012), providing a record for each that included the start and end points, the date and time, the particular bike used, and some information on the user. Juicy, delicious data, folks.

There's a ton one can do with this data, but one only has so much time. I took a swing at it on behalf of Team Bostonography by building an [interactive map](#) that allows you to filter trips by about ten different variables and view where trips occurred under the specified conditions. The map queries a database for the given combination of filter settings and returns trip counts for each station to every other station. On the front end it's built with [Leaflet](#) and uses MAPC's [basemap tiles](#). (greasy salesman) And the basemap tiles are a product of my company; we worked with MAPC to develop those styles back in the spring. (greasy salesman)



<http://www.shadedrelief.com>

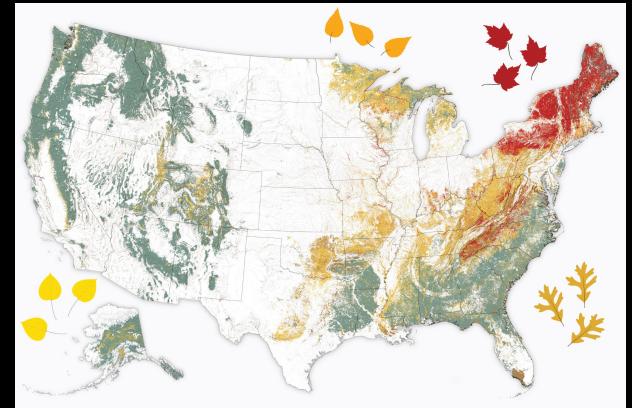
# Tom Patterson, professional cartographer





# MORE....CARTO inspiration

<https://www.petersongis.com/>



<https://laurenctierney.com/>



<https://somethingaboutmaps.com/>



<https://www.jonahadkins.com/>



<http://rileydchampine.com/maps.html>

<http://cartographicperspectives.org/index.php/journal>

# NACIS (North American Cartographic Information Society)

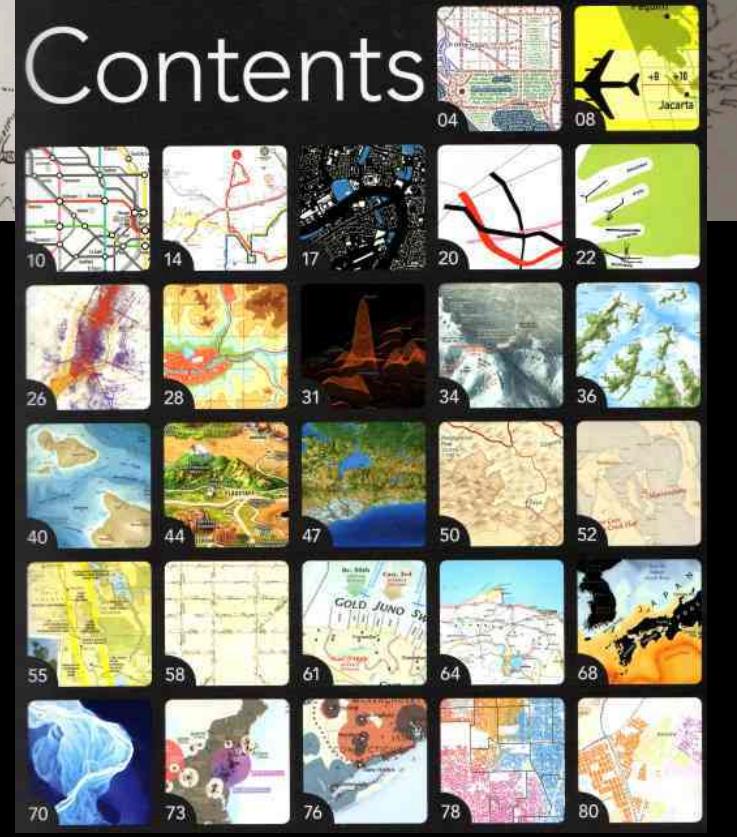


# The Atlas of Design

A gallery of beautiful and inspiring maps from around the world.



## Contents



# <https://www.davidrumsey.com> historical maps, David Rumsey Collection

Home    About    View Collection    Publications    Blog    Help    Search the Collection    Go

*David Rumsey Map Collection*  
CARTOGRAPHY ASSOCIATES

**THE COLLECTION**

Welcome to the David Rumsey Map Collection Database and Blog. The Map Database has many viewers and the Blog has numerous categories.

The historical map collection has over 35,000 maps and images online. The collection focuses on rare 18th and 19th century North American and South American maps and other cartographic materials. Historic maps of the World, Europe, Asia, and Africa are also represented.

Popular collection categories include antique atlas, globe, school geography, maritime chart, state, county, city, pocket, wall & case, children's, and manuscript maps. Search examples are United States map, Geology maps, California map, Afghanistan map, America map, New York City map, Chicago map, and U.S. Civil War maps. Browse map categories: What, Where, Who, When. The collection can be used to study history, genealogy, art, explorations, local and family history. Learn more →

Watch 360 degree QTVR of the Collection Space →  
Browse Lists of the Collection's many Atlases →

[View this Map in LUNA Browser](#) →  
[Launch Collection in LUNA Browser](#) →

New: [View Collection Additions since Sept 23, 2012](#)

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Search the Site

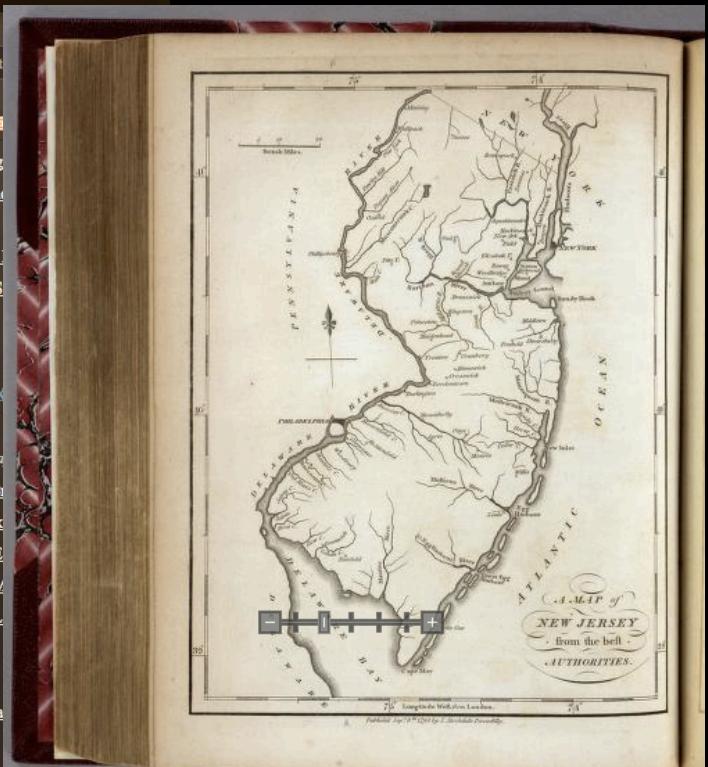
**Blog**

- » All Categories
- » Recent Articles
- » News
- » Featured Posts
- » Related Searches
- » Videos

**Quicklinks**

*The collection includes the following areas:*

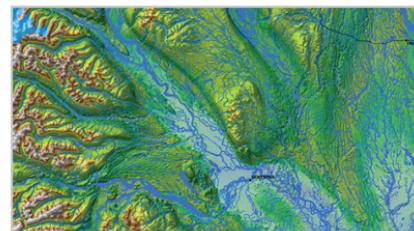
- » [LUNA Browser](#)
- » [MapRank](#)
- » [Google Earth](#)
- » [Google Maps](#)
- » [Second Life](#)
- » [2D GIS](#)
- » [3D GIS](#)
- » [Insight Journal](#)
- » [Ticker](#)



<http://www.davidrumsey.com>

# ESRI Map Books

<http://www.esri.com/mapmuseum>



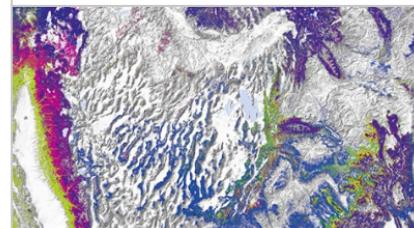
Volume 32: GIS—Applying The Science of Where

[View book](#)



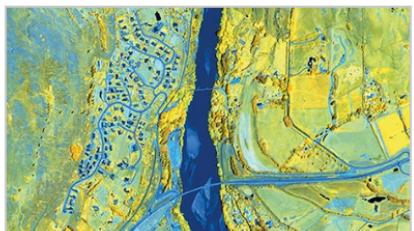
Volume 29: GIS—Creating Our Future

[View PDF](#)



Volume 26: GIS—Understanding Our World

[View book](#)



Volume 31: GIS—Enabling a Smarter World

[View book](#)



Volume 28: GIS—Transforming Our World

[View book](#)



Volume 30: GIS—United We Map

[View PDF](#)



Volume 27: GIS—Where GIS is a way of life

[View book](#)



Volume 24: GIS—Designing Our Future

[View book](#)

# ESRI Map Book

**Monmouth County Bicycling Map 2010**

Monmouth County, New Jersey  
Freehold, New Jersey, USA  
By Leonardo Ruppel

Contact:  
Leonardo.Ruppel@co.monmouth.nj.us

Software:  
ArcGIS Desktop 9.3, Adobe Illustrator CS, Adobe Photoshop 7

Printer:  
HP Designjet 2600ps

Data Source:  
Monmouth County Planning Board  
Transportation Department

Courtesy of Leonardo Ruppel, Monmouth County, New Jersey Office of Public Information.

Cartography 11

**2040 Metropolitan Transportation Plan**

Mountainland Association of Governments  
Orem, Utah, USA  
By Kory Imran

Contact:  
Kory.Imran.kimran@mountainland.org

Software:  
ArcGIS 10 for Desktop, Adobe Creative Suite CS4

Printer:  
HP Designjet T1120ps

Data Sources:  
Mountainland Association of Governments, Utah County

transportation departments can come together and cooperatively plan to meet the region's current and future transportation needs. This effort results in the Metropolitan Transportation Plan, the document that determines which major transportation projects are built.

GIS plays an important role in the transportation planning effort at MAG. GIS is used at all the planning stages as an analytical tool to identify future road, transit, and bicycle/pedestrian projects. GIS is also used as a communication tool to provide a visual picture of transportation needs. The 2040 *Metropolitan Transportation Plan* maps are a result of MAG's planning efforts to provide a better transportation system for the residents of Utah County.

Courtesy of Mountainland Association of Governments.

108 Transportation



## Cyclone Tracks of the West Pacific

*mapmaker*

@mapmakerdavid

CYCONE DATA FROM IBRICS (UNTIL 2017)  
ISLAND SHAPES COPYRIGHT OPENSTREETMAP CONTRIBUTORS  
MADE WITH QGIS

<https://www.mapmakerdavid.com/>