

1001 Maps with ArcWeb Explorer

<http://www.arcwebservices.com/awx>

ArcWeb Explorer ("AWX") is a mapping application that works in your web browser, so it can be used, for free, to create, print, and share an unlimited number of maps.

Requirements:

- recent PC or Mac running a recent browser with recent Flash plugin
- Internet connection (the faster, the better)

ArcWeb Explorer Map Types:

- "Street" (reference map - political map at world level)
- "Satellite" (imagery of the world, by various providers, at various resolutions)
- "Hybrid" (combines imagery with some identifying reference layers)
- "Data Map" (thematic map using ~100 variables of U.S. Census Data)

What are some things you can do with ArcWeb Explorer?

- pan and zoom
- find by phone
- get US directions
- export images
- find named places
- find lat/long
- modify data maps
- print
- find US addresses
- add Excel lat/long
- create data reports
- share your map

What are some things you can't do with ArcWeb Explorer?

- customize classes in data maps
- join data or export tabular or spatial data

- 1. ArcWeb Explorer is web-based "intro GIS" that can be used anywhere for free.**
- 2. GIS is powerful technology for thinking explorers and lifelong learners.**

Activity:

1. Start AWX and click the "Find" widget. Type in your home address and click "Go"
2. Type in a new address and click "Go". This creates a second row in the Find widget.
3. Open the directions window. Drag your address from the "Find" widget into the "Directions" widget, then drag the second address to the "Directions" widget, and hit go.
4. Clear the route and close the "Directions" widget. From the "Find" widget, drag your home address onto the map. It will zoom to your home area. Close the "Find" widget.
5. Open the "Map Types" and change the map to "Data Map". This is a scale dependent map, with the legend depending on the areas that are in the map. Using the "Navigation" [= "zoom"] widget and your mouse and keyboard, zoom out and/or in, a little at a time, around your home area until you show the widest area you can with the legend showing "Census Block Group".
6. In the "Map Types" widget, with the "U.S.Data" tab selected, click in the left-hand and right-hand windows to pick the topic of interest. Click "Map Options", choose a new color scheme, and change classes to "4", and apply. Slide the widgets next to the map scale at the bottom and create an application screenshot (PC = Alt-PrintScreen; Mac = Cmd-Shift-3 and trim as needed) and paste that into a word processor document. Close all widgets.
7. Click "Reports". Pan the map so the area of interest is in the center; look for a crosshair in the center. Click "Use Map Center". Define your report area as "Rings", and use just 1 ring of 1-mile radius. Select a report, select PDF, and click "Get Report."