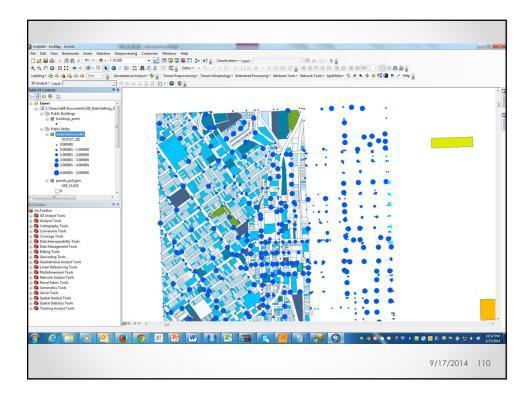


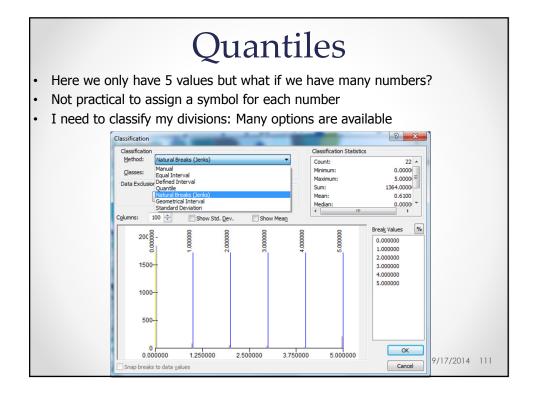


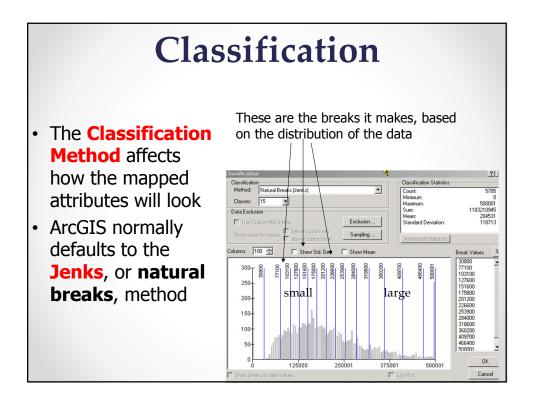
- Try to change the symbology of the water main nodes to quantiles
- Click Quantities → the panel changes to give you controls for drawing with 3 options
- Choose Graduated Symbols
- Choose the field you want to use
- Click the Value dropdown arrow and click Outlet_Siz for the watermain_nodes
- You can choose to normalize your value by another attribute (not done here)
- Choose the symbol size range (5-20)
- Choose your symbol (Blue Circle)
- Click OK

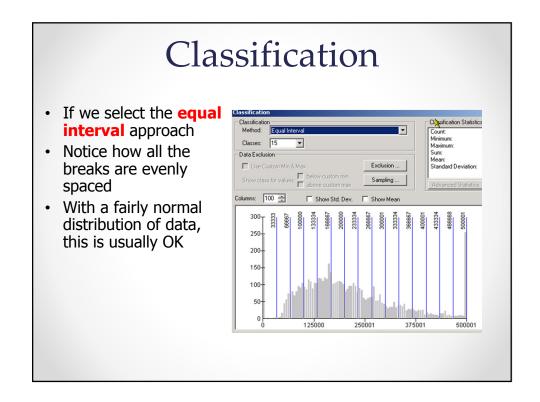


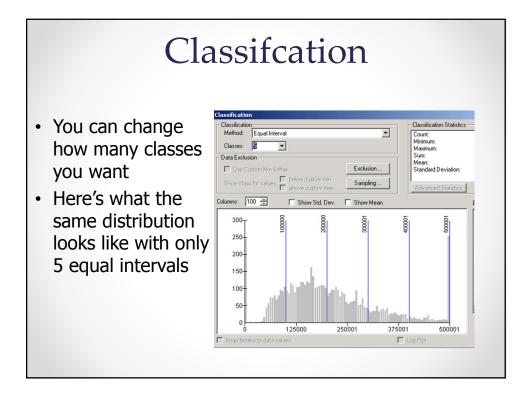
Categories Quantities		V Symbology Fields D antities using symbol s	efinition Query	relative valu		Import	HTML Popup	
- Proportional symbols	Normalizating: none Classes: 5 Qassify Symbol Size from: 5 to: 20							
Multiple Attributes	•	Range 0.000000 0.000001 - 1.000000 1.000001 - 2.000000 2.000001 - 4.000000 4.000001 - 5.000000 ass ranges using feature va	Label 0.000000 0.000001 - 1.000001 - 2.000001 - 4.000001 - slues	2.000000	ed v			
				ОК		Cancel	Apply	

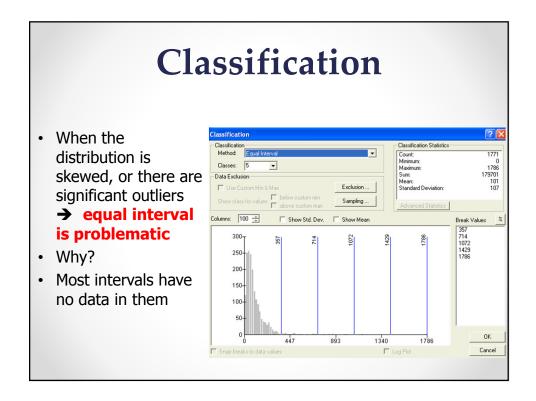


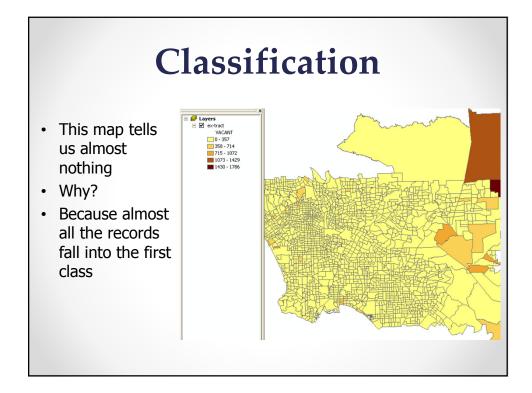


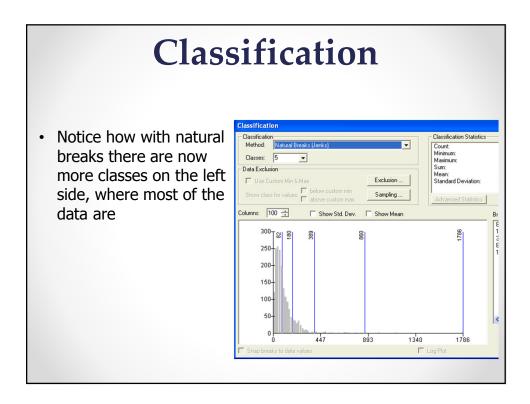


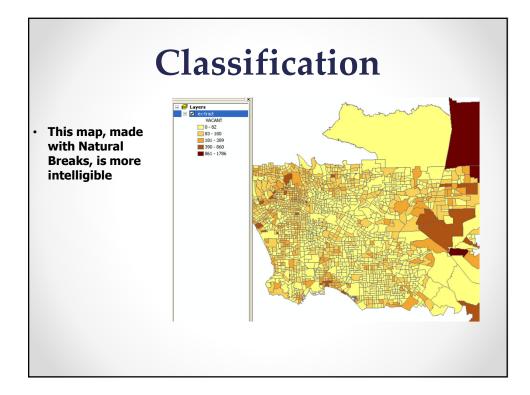


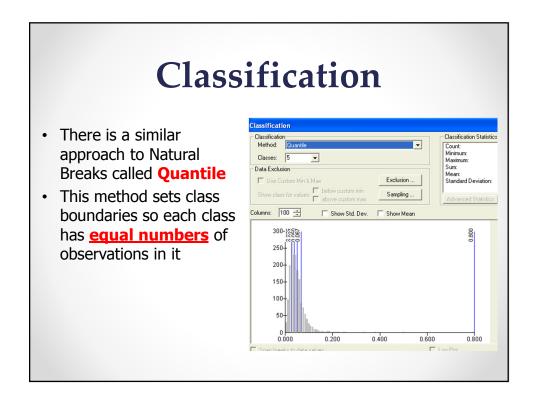


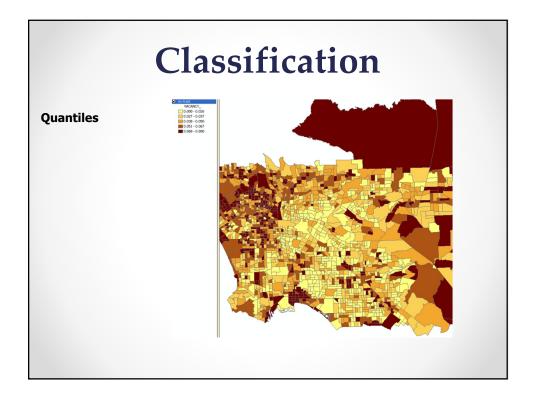


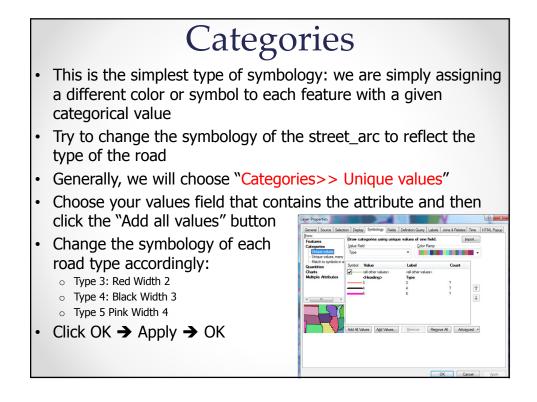


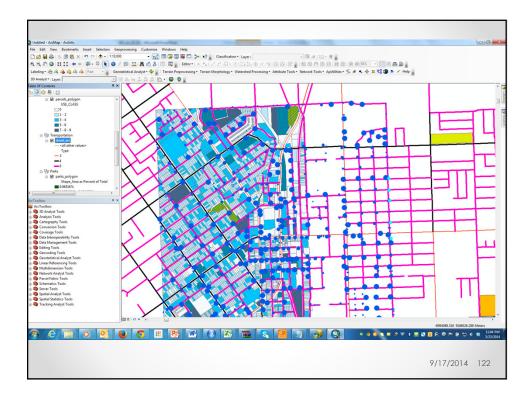


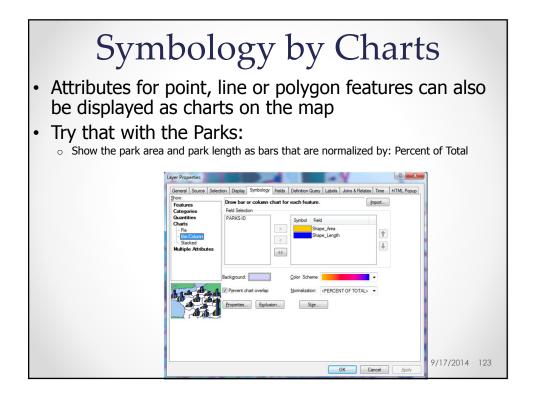










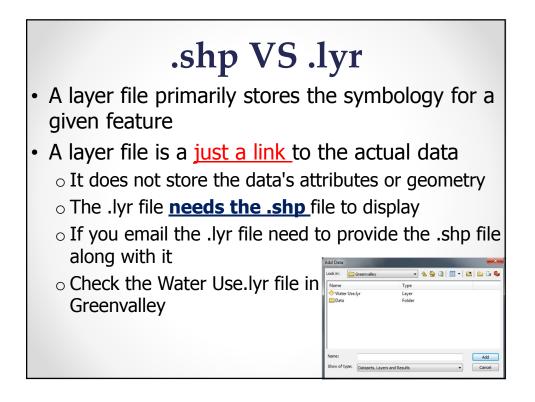


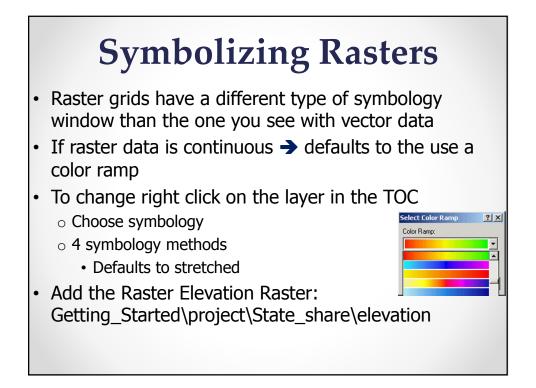


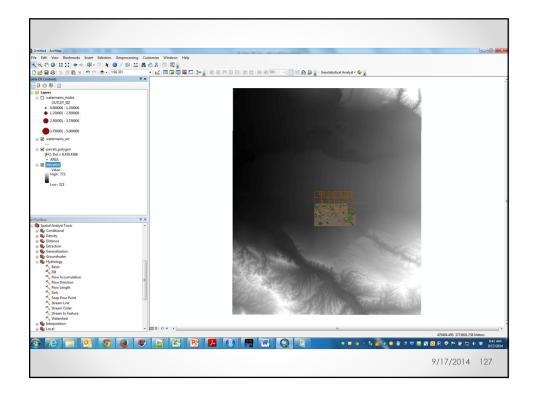
 What happens to all your hard work on customizing the symbology for a giver shapefile when you exit GIS?

• It is not saved (unless you save the map)

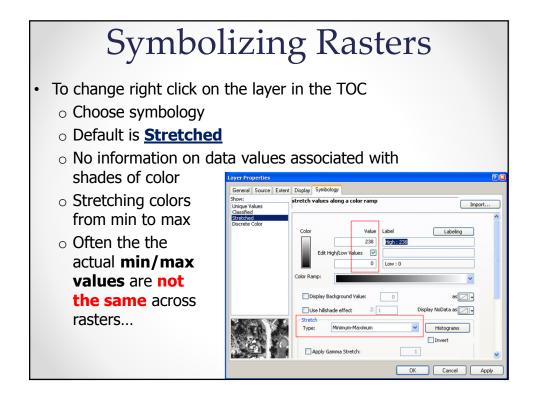
- If you want to save your symbology for that shapefile for future use in other maps → save it as a layer file
- Right click on the shapefile in the TOC and click "Save As Layer File"
- This will create a LAYER file with the same name as our shapefile but with the .lyr extension



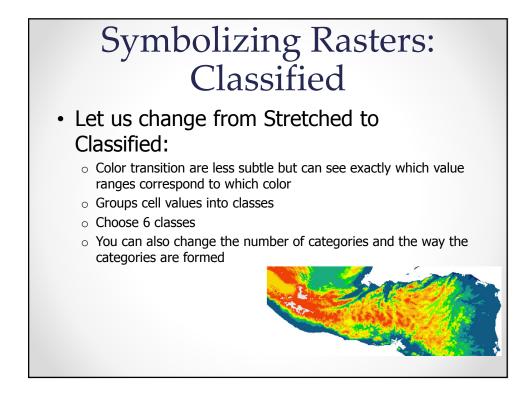




Layer Properties		X				
General Source Key	Metadata Extent Display Symbology Fields Joins & Relates					
<u>S</u> how: Unique Values Classified	Stretch values along a color ramp					
Stretched Discrete Color	Color Value Label Labeling 773 High : 773 323 Low : 323					
	Color Ramp: • Display Background Value: 0 Display Background Value: 0 Use hillshade effect 2: Stretch Type: Stretch Histograms n: 2.5 Invert					
About symbology	Apply <u>G</u> amma Stretch: 1					
	OK Cancel	pply				



	Raster: Symbology
Layer Properties	X
General Source Exte	ent Display Symbology
Show: Unique Values Classified	Stretch values along a color ramp
Stretched Discrete Color	Color Value Label Labeling 0.66196 High: 0.66196 0.03 Low: 0.03 Color Ramp:
	tent Display Symbology
Show: Unique Values Classified Stretched	Stretch values along a color ramp
Discrete Color	Color Value Label Labeling 0.47 High (0.66195 0.140288 Low (0.03) Color Ramp:



Symbolizing Rasters: Others

Manual

- Lets you set the class breaks
- Placing breaks at important threshold values

Equal Interval

- The range of cell values is divided into equally sized classes
- You specify the number of classes
- Emphasize the relative amount of attribute values compared to other values

Defined Interval

- You specify an interval to divide the range of cell values
- ArcMap determines the number of classes.

Quantile

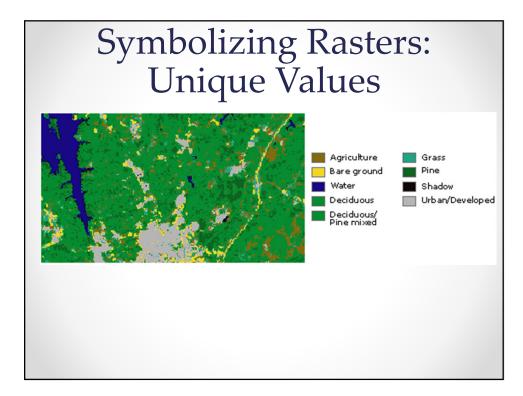
• Each class contains an equal number of cells

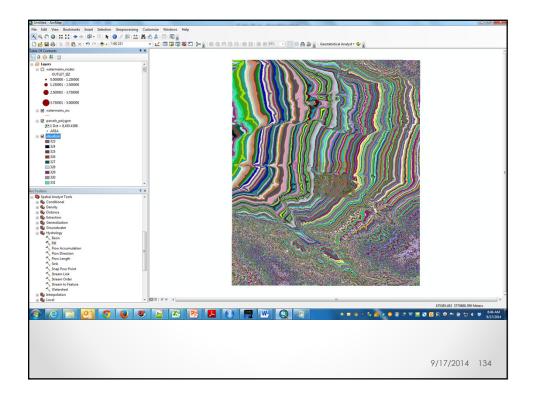
Natural Breaks (Jenks)

• The class breaks are determined statistically by finding adjacent feature pairs between which there is a relatively large difference in data value

Unique Values

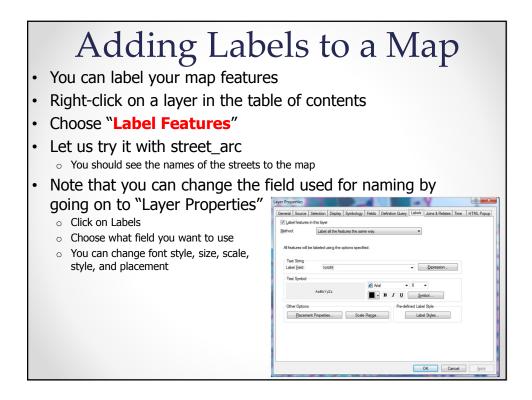
• Different color for each value (<2,048)

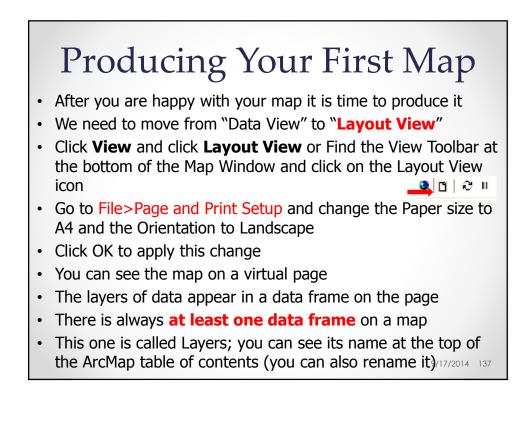




Rasters: Reusing Your Symbology

- If you want to save the symbology and reuse it to another layer
 - → Need to save as **LAYER** file option
 - Right click to the raster and click Save As Layer File
 - Save layer file in your directory
 - Go to new Raster
 - Open its properties
 - Select the Symbology tab
 - Click the **Import** button
 - $\,\circ\,$ Navigate to the saved layer file and select the saved layer file
- I can also save and load a .lyr file of my raster



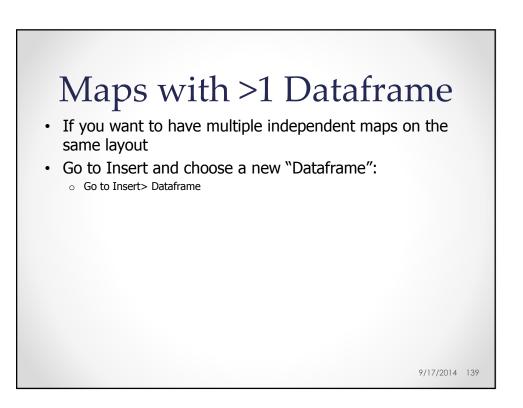


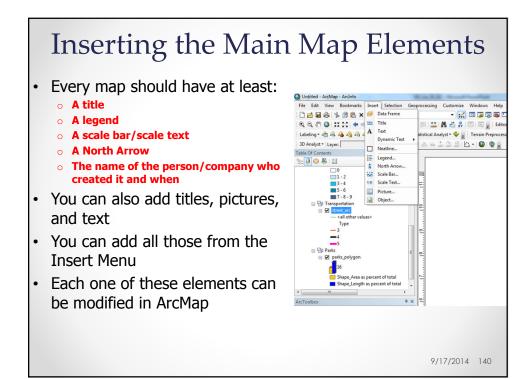


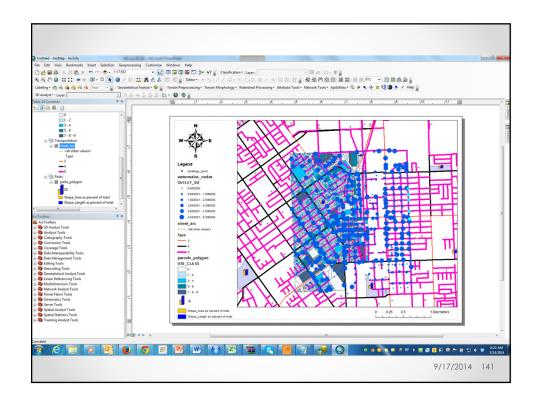
- The active data frame is shown in **boldface** type in the table of contents
- You can have multiple datafarmes in a map

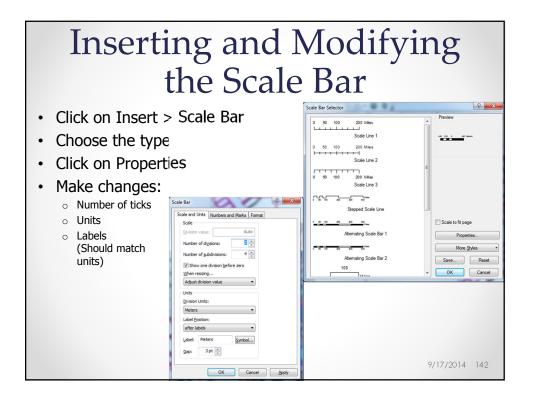
 Each acts independently of the other
 - Good for comparisons or showing different areas on the same map
- Make sure your Object Select Tool is selected and click once inside the Data frame in the Map Document window
- This should highlight the Data frame and activates the Resize option
- Resize your map to fit in your Layout page
- You can use the Pan button to move around your map without changing the scale
- You can also zoom in and out to change the scale of your map

9/17/2014 138









•	Click File		ving	the Map
				-
•	Browse to	o the l	ocation you	want to save in
File	Edit View Insert Select	tion Tools) (inde	u Hale	
	New	Ctrl+N	w <u>н</u> ер	Save As
	Open	Ctrl+O		Save jr. 🔄 Greenvalley 🔽 🖆 🗐 🗊
	<u>S</u> ave	Ctrl+S		Data
	Save <u>A</u> s			Creenvalley
÷	Add Data			
۲	Add Data from Geography	Network		
	Page Setup			
	Print Preview Print			
_	Map Properties			File name: Downtown Water Save
_				Save as type: ArcMap Documents (*.mxd)
	Import from ArcView project Export Map	A		
_	Exit	Alt+F4		
_	P.D#			
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