

# Map Making 101

## *Sources for Mapping Information*

Name	Type of Data	Comments	Cost
<a href="#">TerraServer-USA</a>	Georeferenced topo sections and DOQQs	Block oriented - clunky when zooming in interactively; provisions have been made for 3 <sup>rd</sup> -party utilities to automate this	Free
<a href="#">TerraServer</a>	High resolution aerials - not georeferenced	Recent aerials from many sources	<a href="#">Subscription</a>
<a href="#">GeoCommunity</a>	Complete topos w/collars, DOQQ, DEM, SDTS, TIGER	Well organized - this is one of the best sources for GIS data in general	<a href="#">Subscription</a> - vector data is free after subscription - no time limit
<a href="#">TopoZone</a>	Topo sections and current local declination	One of the best sources for local declination info	Free
<a href="#">NGDC Magnetic Declination calculator</a>	National Geophysical Data Center	Calculates declination from zip code or lat/long	Free
<a href="#">TIGER/Line files</a>	Census and mapping data	This seems to be replacing SDTS data	Free
<a href="#">GlobeXplorer</a>	High resolution color aerials, more recent than DOQQs - not georeferenced	Watermarks on photos are an incentive to subscribe	Free
<a href="#">GNIS</a>	Geographic Names database	Useful in an initial search for a location - provides links to other sites when data found	Free
<a href="#">EROS</a>	1:24,000 DEMs and SDTS	FTP environment - Must know corresponding topo quad for the area of interest	Free
<a href="#">USGS Maps &amp; Aerials</a>	Links to 3 <sup>rd</sup> party vendors	USGS is not in the Internet map distribution business	Free

<b>Raster files</b>	<b>Vector files</b>	<b>Raster and Vector</b>	
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