

Map Making 101

Sources for Mapping Information

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

Raster files	Vector files	Raster and Vector	
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