

## Map Studio: Just A Mouse Click Away

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**Introduction:** The U. S. Geological Survey EROS Data Center in support of *The National Map* provides geospatial data access via map services and downloads. The Map Studio map interface uses base layers of *The National Map*, as well as other map service data. The base layers consist of:

- Transportation
- Boundaries
- Hydrography
- Orthoimagery
- Land Cover
- Elevation

### Map Studio Capabilities:

Map Studio provides access to different layers at different scales just by zooming and clicking on the category and adding layers. No refresh button is needed. The query tools can identify layers, find populated places, point and click for elevations.

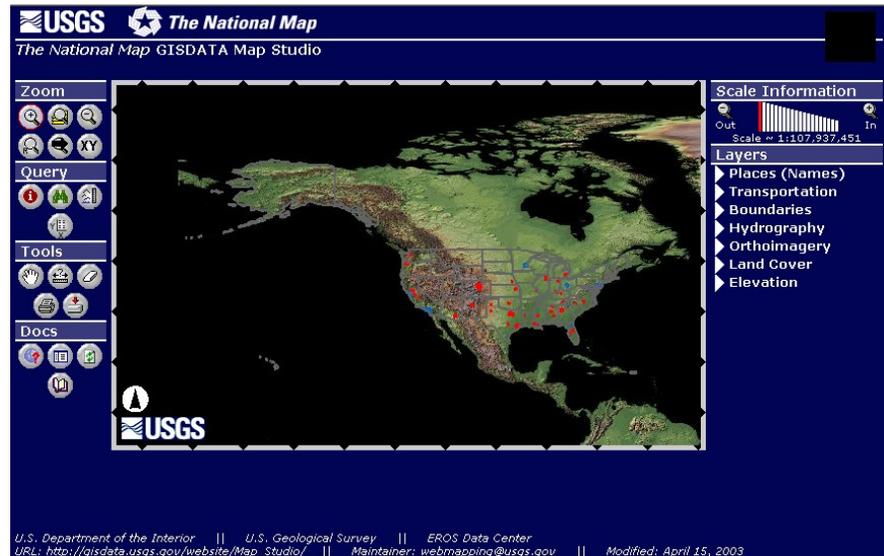


The U.S. National Grid location and the corresponding latitude and longitude can be found

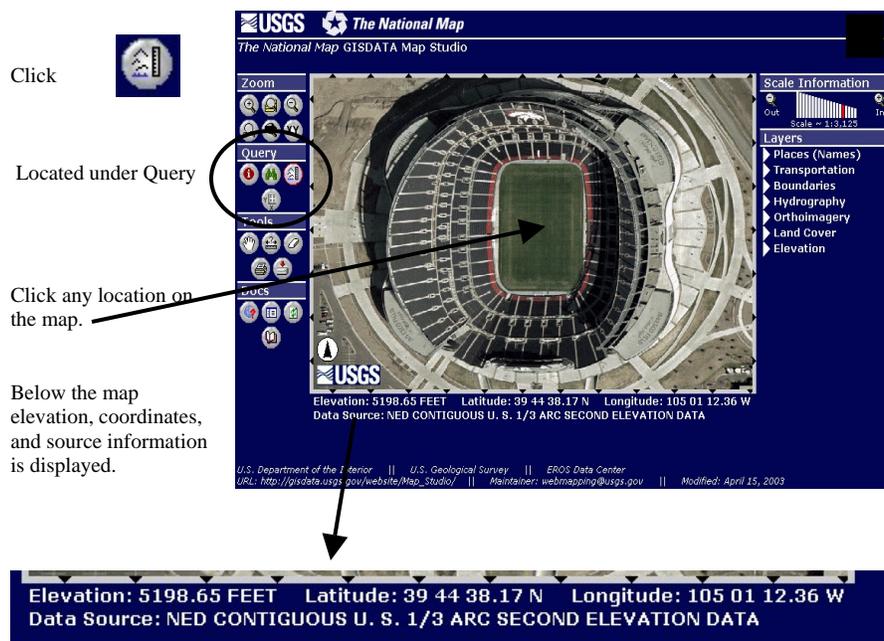
using a query tool.



**The National Map GISDATA Map Studio:** [http://gisdata.usgs.gov/website/Map\\_Studio](http://gisdata.usgs.gov/website/Map_Studio)  
Initial view of the Map Studio. High Resolution Orthoimagery index is displayed. Use the twist tabs on the right next to the main categories to view the reference layers available. Zooming in on the map provides more reference layers.



The map below illustrates the elevation query tool. The layer turned on is the High Resolution Orthoimagery. The image is Invesco Stadium in Denver Colorado.



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The map below illustrates the print capability. The image is St. Louis Gateway Arch at Jefferson National Expansion Memorial in St. Louis Missouri.



Click

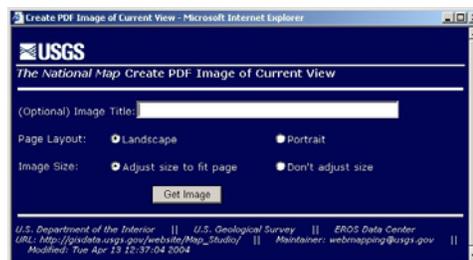
Located under Tools

**Capabilities Continued:** Map Studio provides the capability to create a print of what is displayed in the map window.



The  button allows downloads of the products available for the area displayed in the map window.

A screen will appear to add a title and get image to process. Once the processing is complete a .pdf is created and the image is ready to print.



**Future Plans:** Distributed Download capability for local layers is a plan in the near future. The goal is to continually maintain and improve on these projects, as well as create new partnerships for more projects.

The map below illustrates the download capabilities. The image is northern Arizona focusing on the Grand Canyon. The layers displayed are National Land Cover Dataset (NLCD) transparent draped on National Elevation Dataset (NED).



Click

Located under Tools

### Other Informative URL's:

- <http://gisdata.usgs.net/>
- <http://edc.usgs.gov>
- <http://nationalmap.usgs.gov>

### Contact Information:

Customer Services  
 USGS/EROS Data Center  
 47914 252<sup>nd</sup> Street  
 Sioux Falls, SD 57198  
 Voice: 605-594-6151  
 or 1-800-252-4547  
 Email: [webmapping@usgs.gov](mailto:webmapping@usgs.gov)  
 Fax: 605-594-6589

The list of available layers will be displayed below the map. The area to be downloaded is what is showing in the map window. Click on the desired layer and the processing will begin and display a download page when complete.

