

Think Data, Think Seamless

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Introduction: U.S. Geological Survey (USGS) is committed to providing access to geospatial data through *The National Map*. One approach is to provide direct downloads of national base layers. These layers are divided into framework categories.

Transportation
 Boundaries
 Hydrography
 Orthoimagery
 Land Cover
 Elevation

Distribution: The Seamless Data Distribution System (SDDS) is designed to deliver *The National Map* base layers. Base layer products delivered through SDDS are:

- National Elevation Dataset (NED)
- National Landcover Dataset (NLCD)
- Bureau of Transportation Statistics Roads (BTS)
- High Resolution Orthoimagery

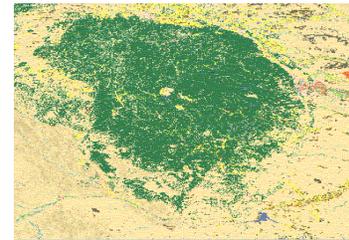
SDDS allows the user to specify an area and a product to download. The system allows up to 1.6 Gbytes of data per area.

Seamless Data Distribution System (SDDS)
 (<http://seamless.usgs.gov>)

The products provided on SDDS is always growing. Examples of some of the products provided.



National Elevation Dataset (NED)
 1 Arc Second – Mount St. Helens
 in the state of Washington



National Land Cover Dataset (NLCD)
 Black Hills Area in South Dakota



High Resolution Orthoimagery
 Jefferson Memorial in
 Washington D.C.



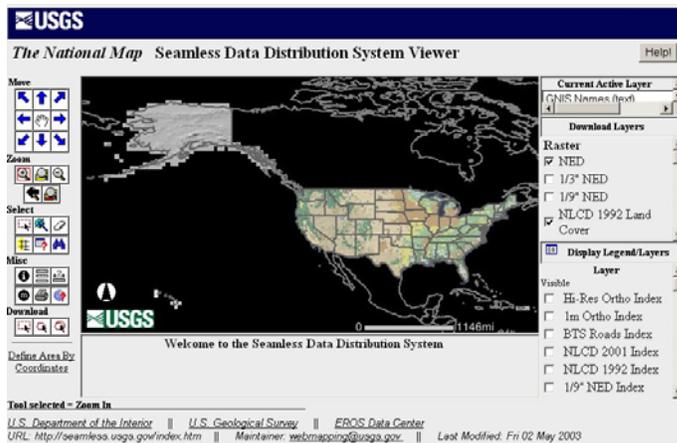
Bureau of Transportation Roads (BTS)
 Wichita, Kansas

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The button

[View and Order Data Sets - United States Viewer](#)

leads to the map interface. The interactive map allows the user to select an area of interest, reference layers, products to download, and download buttons.



Website Capabilities:

- Free Download for up to 1.6 Gbytes of data in 100mb or less files.
- Templates for download areas.
- Many reference layers can be displayed.
- Media products available for a fee.
- Download page can be bookmarked.
- Offers four different formats. (Arcgrid, BIL, GridFloat, and TIFF)
- Additional unofficial datasets available. (SRTM, and MODIS DB)

Future Plans: The website is always evolving. More data is being added constantly. Capability of distributed downloads from different hosts and partners.

Informative URL's:

- <http://seamless.usgs.gov>
- <http://gisdata.usgs.net>
- <http://gisdata.usgs.net/IADD>
- <http://ned.usgs.gov>
- <http://landcover.usgs.gov/nationallandcover.html>
- <http://srtm.usgs.gov>
- <http://nationalmap.usgs.gov>
- <http://edc.usgs.gov>

Contact Information:

Customer Services
 U.S. Geological Survey
 EROS Data Center
 47914 252nd Street
 Sioux Falls, SD 57198
 Voice: 605-594-6151
 or 1-800-252-4547
 Email: seamless@usgs.gov
 Fax: 605-594-6589

The **SDDS Request Summary Page** is the actual download interface. The data products can be extracted, modified, or ordered on media at this point. This example shows NED and NLCD as the products selected.

