

User Guide: Download

User Instructions

Introduction (Help Box Text)

The viewer is the new one stop destination for downloading USGS vector and raster data.

Download US Topo

To download any of our new GeoPDF topographic maps, turn on the "Base Data Layers" tab on the left side of the viewer. Then turn on the "US Topo: Current Available" layer. Then click one of the polygons that draw on the map. An info window will pop-up containing a preview image and a download link. New maps are being added every day.

Download Data

To download vector or raster data, zoom to an area of interest and click the "Download Data" button located at the top right of the viewer. This will enable the "Download Data" tool and will open a "Download options" panel. You can choose a reference area to download by, such as "Index 24K", "Counties", or "NHD Subregions", or you can click the link to download by the current map extent.

If you chose a reference area, for example "Index 24K", that layer will turn. A warning in the "Download options" panel will indicate how many more levels you have to zoom in if you are zoomed out too far. Click the warning to automatically zoom in. Select a 24K Index polygon by clicking on it on the map. An info window will pop-up with a link to see the available data. The "Available Data" window shows the four vector data themes currently available for download: structures, transportation, boundaries, and hydrography. There are three raster data themes also available: land cover, elevation and orthoimagery. Depending on the size of the selected polygon, some data themes may be disabled. Select the desired data themes and format and click "Add to Cart."

Additional Raster Data Download Notes

If you selected a raster data theme you will see a second page in the "Available Data" window showing available products belonging to the selected theme. Select the desired products and click "Add to Cart" again. A red bounding box will draw on the map indicating the extent of the selected product. The amount of data returned is limited to 1.5 GB. Consequently, some high resolution products will not entirely cover a large polygon, such as a large county. The red bounding boxes can be clicked to download the data directly without checking out.

Download Data Checkout

When you have selected all the desired products, click on “Checkout” in the panel on the right side of the viewer. Enter your e-mail address and click “Place order.” You will receive an e-mail confirmation shortly.

Reference Polygon Notes

Some reference area polygons have prestaged data available. This data is immediately ready for download. The “State or Territory” layer has prestaged Geographic Names data. The “Subregions” layer has prestaged National Hydrography Dataset data.

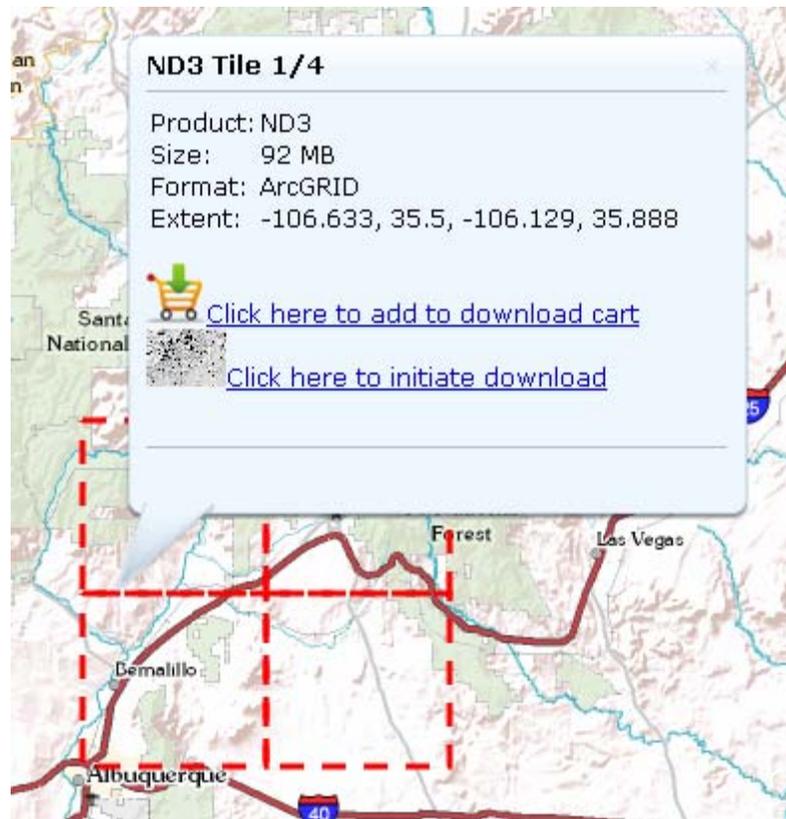
Download Test scenarios

Single polygon / single theme / vector download

1. Navigate to an area of interest in the contiguous US
2. Zoom in to 1:288,895 (the scale is shown at the bottom of the viewer)
3. Click the “Download Data” button at the top right of the viewer
4. The “Index 24K” layer will turn on by default.
5. Click on a quadrangle. An info pop-up will show. Click the ‘See available data’ link.
6. The “Available Data” pop-up window will show.
7. Select Structures and click “Add to cart”
8. The cart will open on the right side of the screen. One item will be in it. Click “Checkout”
9. Enter your e-mail address and click “Place order”.
10. You should get an e-mail right away confirming your order. In a matter of hours you will receive another e-mail with a download link for the structures data.

Single polygon / multiple theme / vector and raster download

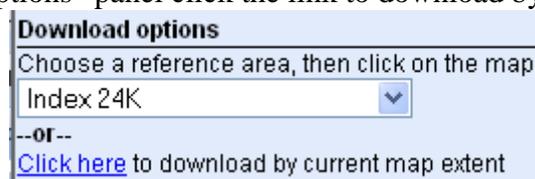
1. Zoom to 1:2,311,162.
2. Click the “Download Data” button at the top right of the viewer, unless you already completed the previous example.
3. In the “Download options” panel change the reference area from “Index 24K” to “NHD Subbasins”.
4. Click on a subbasin. An info pop-up will show. Click the ‘See available data’ link.
5. The Available Data pop-up window will show.
6. Select Hydrography and Elevation and click “Add to cart”
7. The second page of the “Available Data” pop-up shows because you selected Elevation. This page shows a list of Elevation products. Click on the first one. If you drag the “Available Data” window to the side, you will see a blue bounding box around the selected subbasin indicating the extent of the Elevation product that will be returned. Click “Add to cart”.



8. One or more red bounding boxes will appear around the polygon you selected. These indicate the extent of the chunks of Elevation data you will get. If you click on any of these boxes you will get a pop-up containing a link to download that file directly. A small thumbnail in the info pop-up shows a preview of the image. Click the thumbnail to see a larger preview.
9. Complete the check-out process as in the previous example (steps 8,9,10)

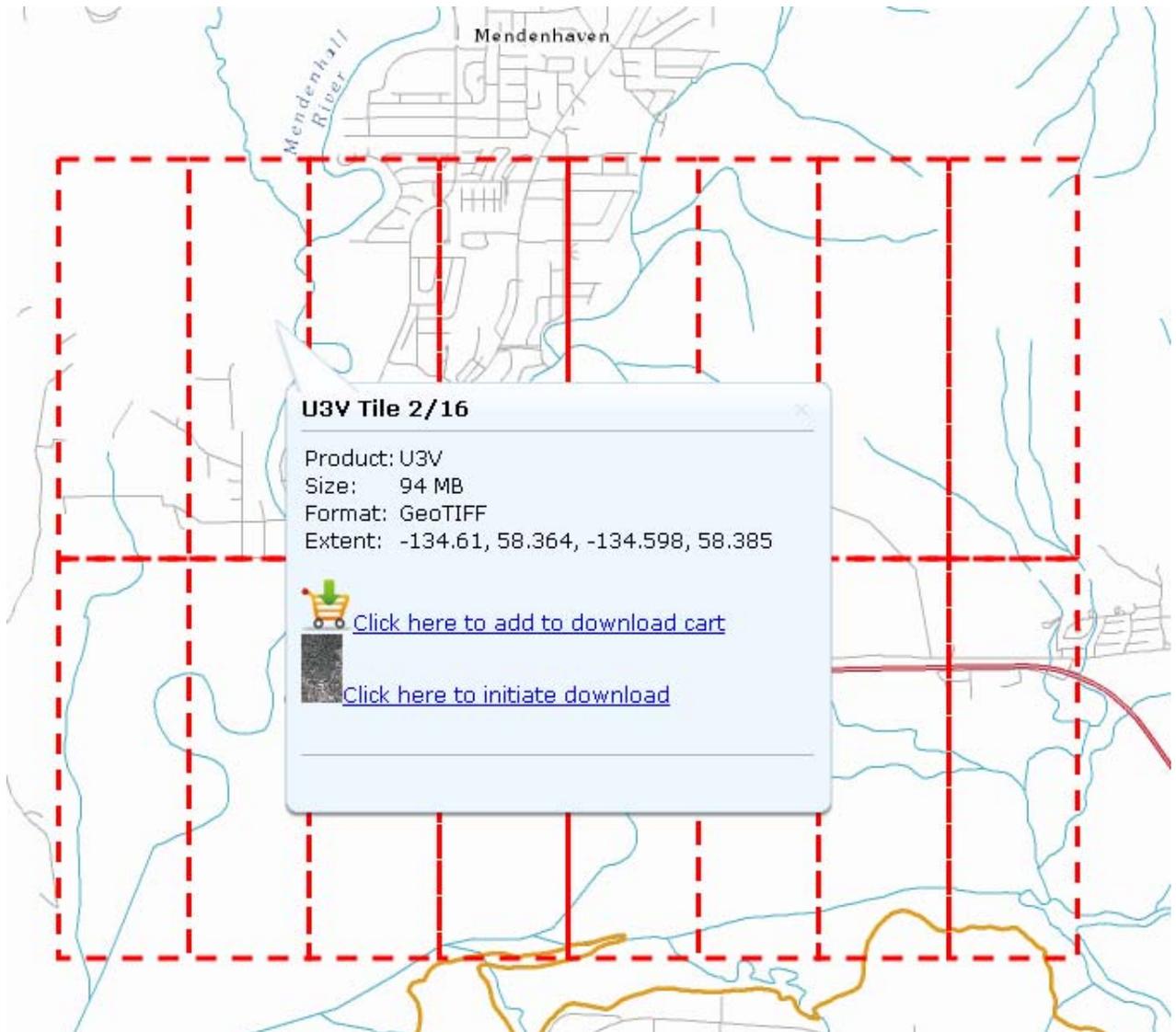
Single polygon / raster theme / download

1. Search for “Juneau, AK” using the “Find a Place” search box. This will zoom the viewer to 1:72,224.
2. Click the “Download Data” button at the top right of the viewer, unless you already completed the previous example.
3. In the “Download options” panel click the link to download by current map extent.



4. The Available Data pop-up window will show.
5. Select Orthoimagery and click “Add to cart”.
6. The only Orthoimagery product available is “Jul 2006 Color Orthoimagery”. Click this product, and click “Add to Cart”.

7. You should see 16 red bounding boxes drawn on the map. The raster service has a limit of 1.5 GB on the data that it can return, so larger extents or polygons may not be entirely covered by the orthoimagery product.



8. Unless already opened, the cart will open on the right side of the screen containing the 16 NAIP chunks. Click 'Checkout'
9. Enter your e-mail address and click "Place order".
10. You should get an e-mail right away confirming your order with the links to download all 16 tiles.