topoBuilder and OnDemand Topo

USGS National Geospatial Program





topoBuilder is...



on demand



where you want



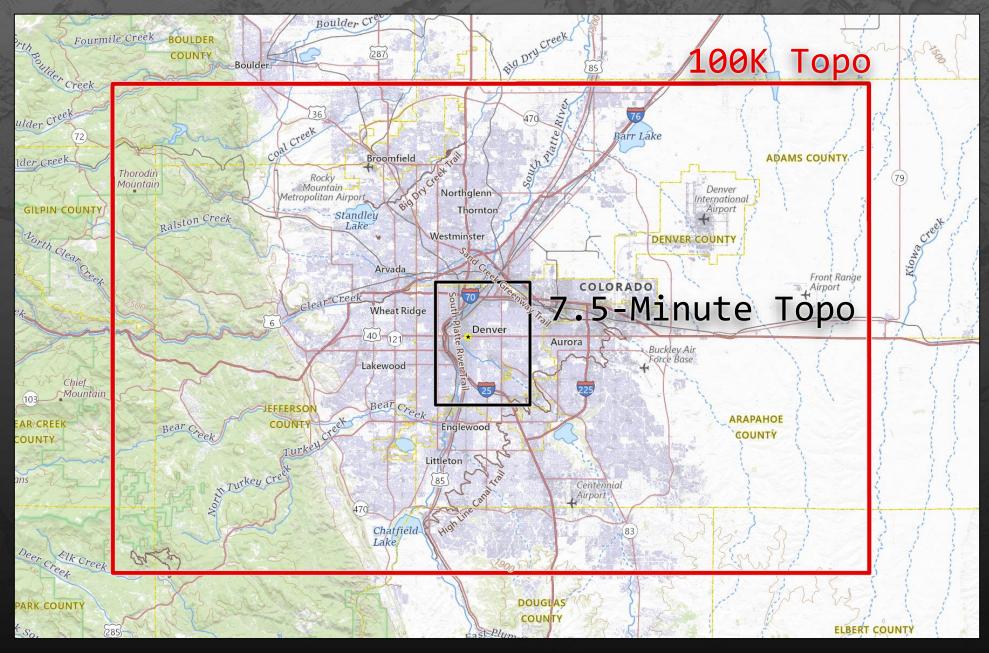
multiscale



the best available data



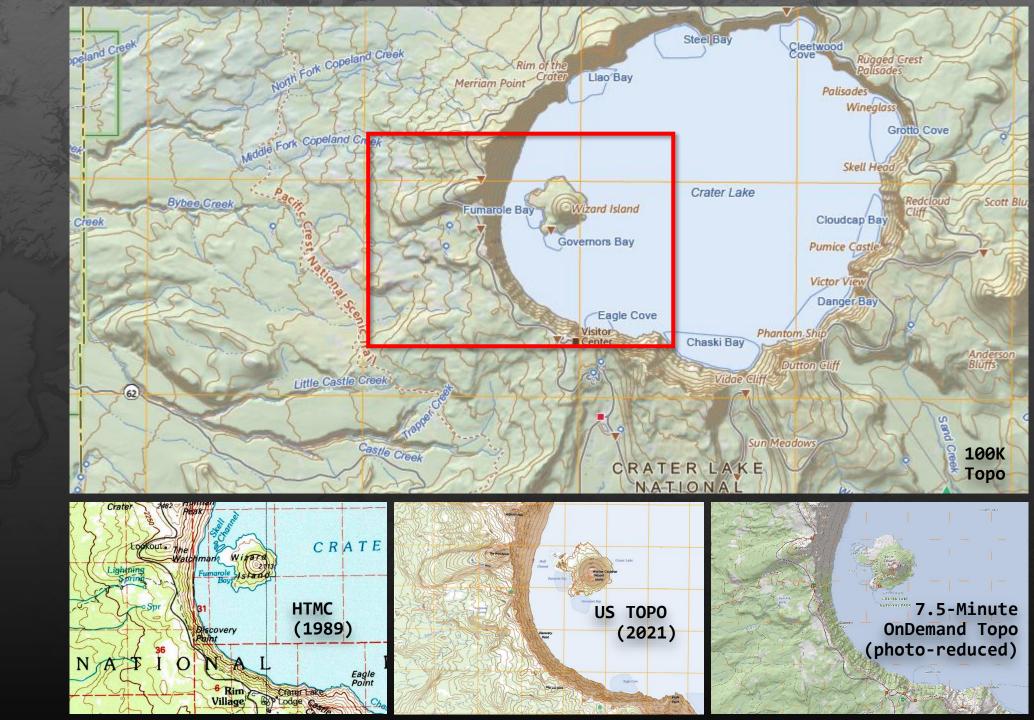








Crater Lake, Oregon





Demo



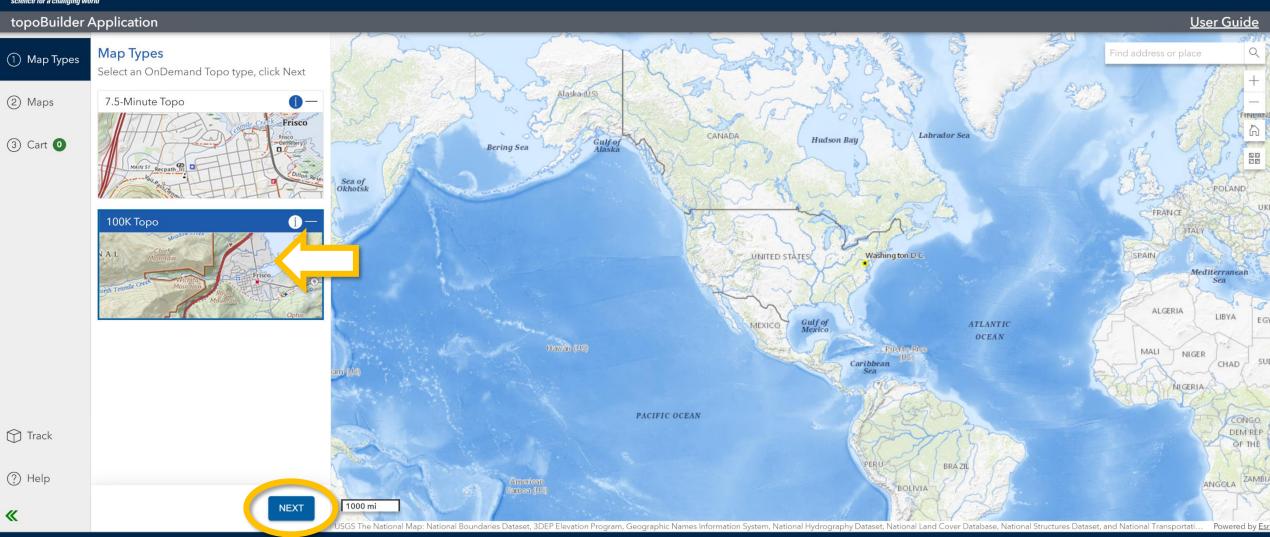
topobuilder.nationalmap.gov



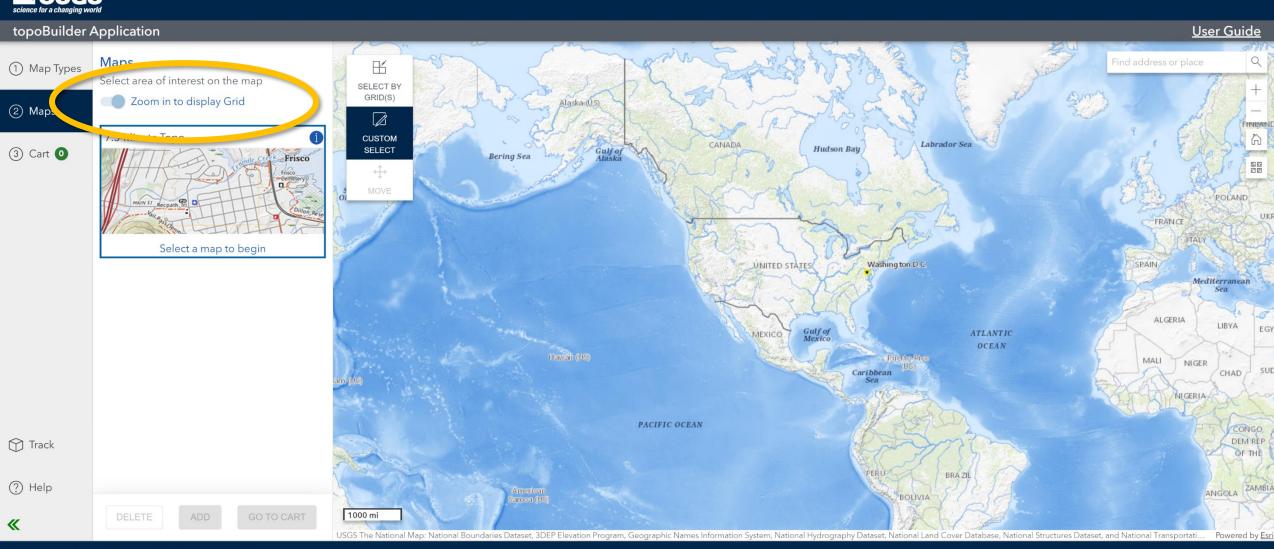


Choose map type

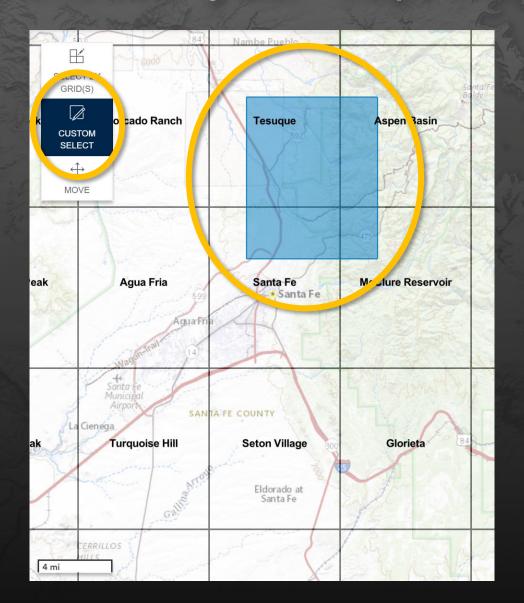


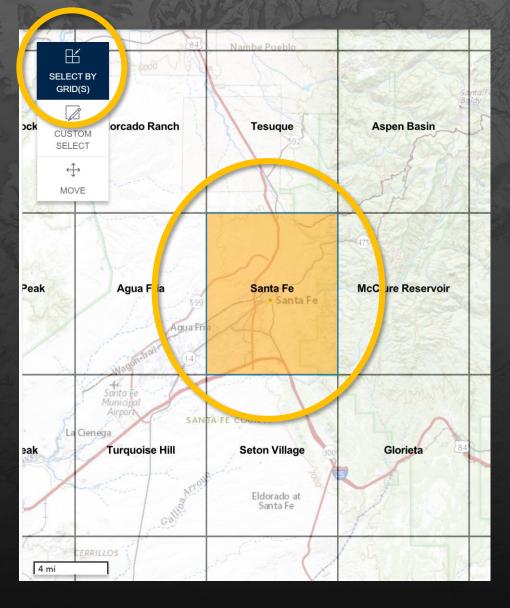


Zoom to your area of interest



Choose your map extent

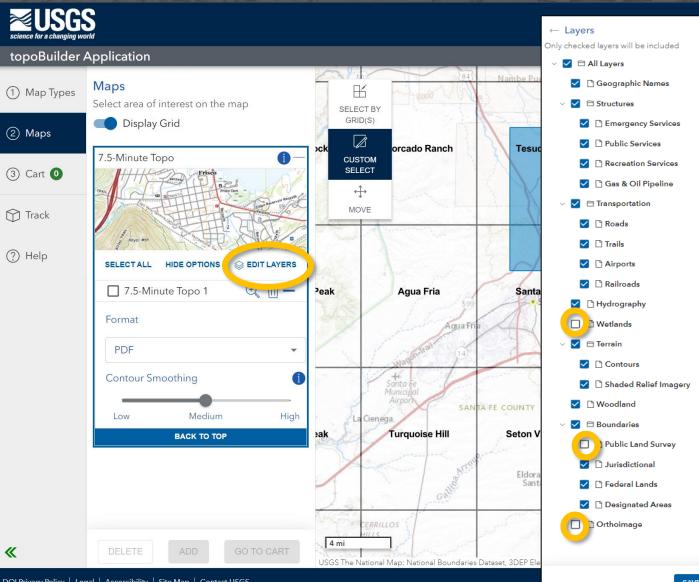


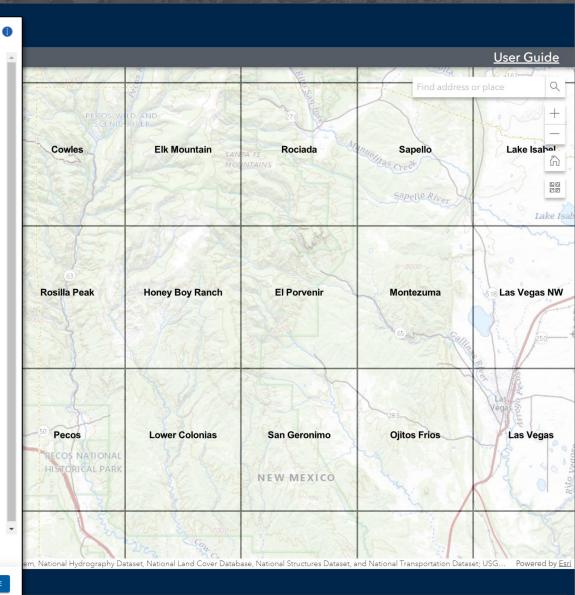






Choose Map Layers

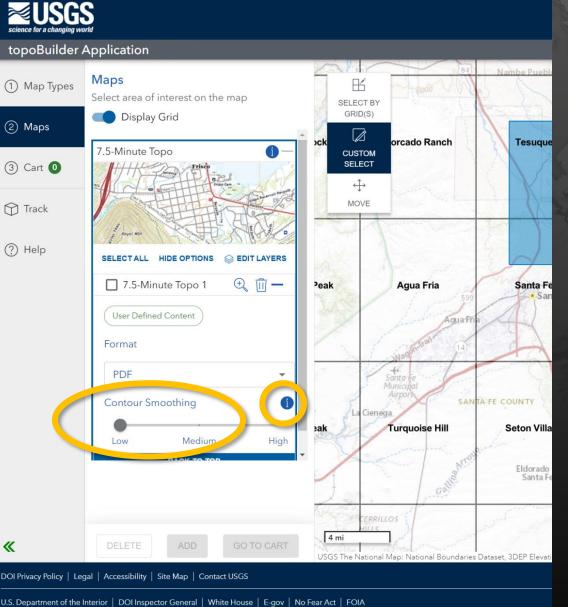




Choose your export options



Choose your contour smoothness

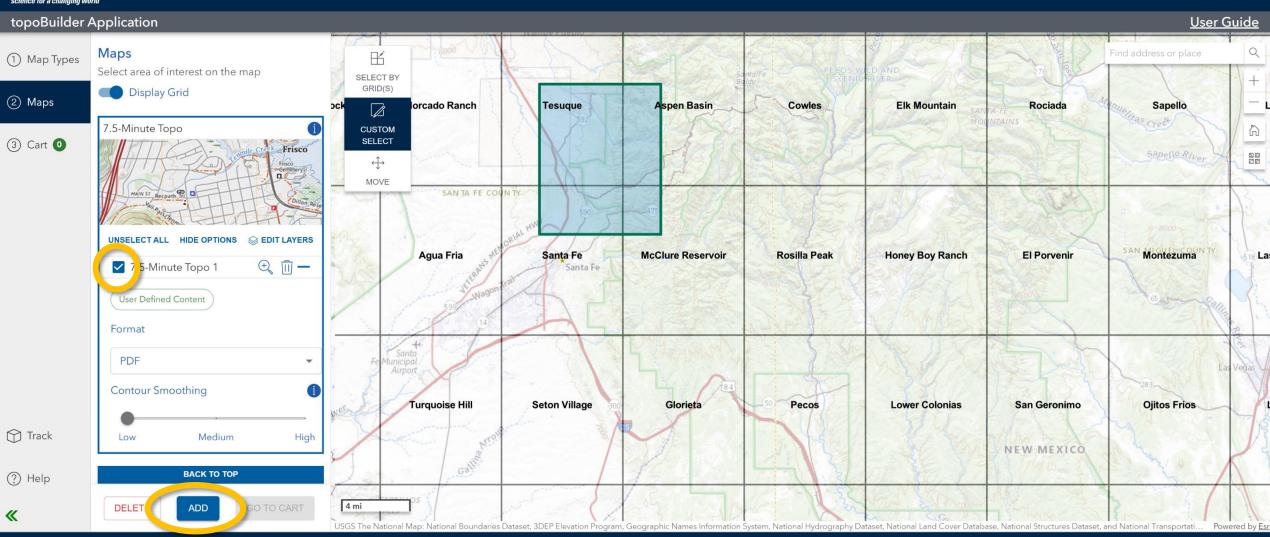


only for 7.5-Minute Topo

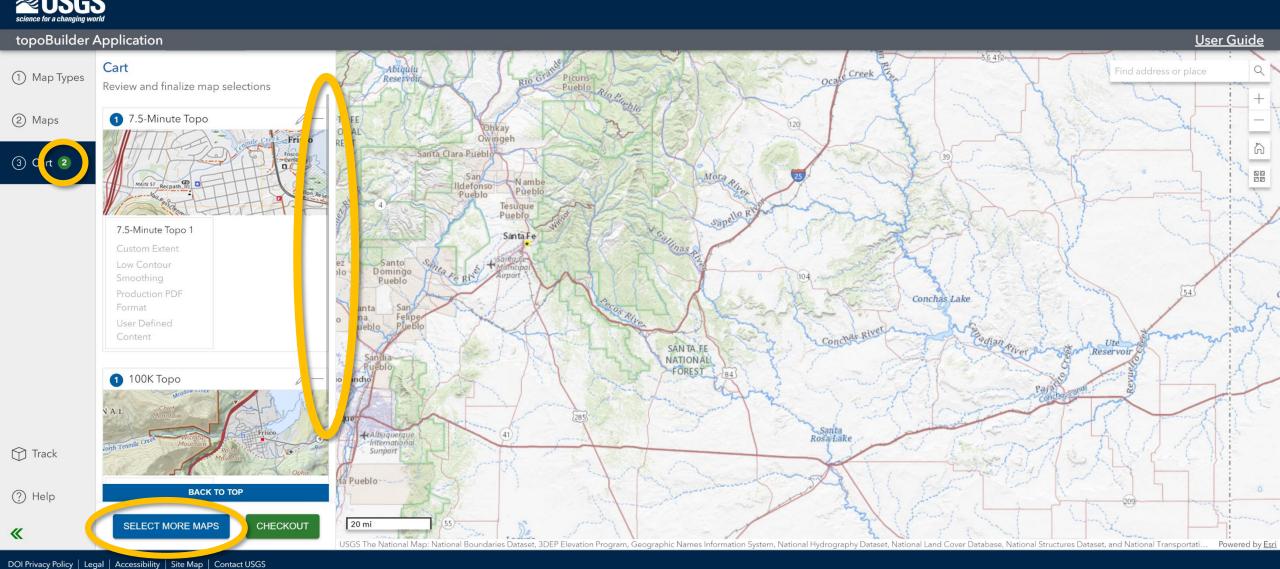


Add to cart



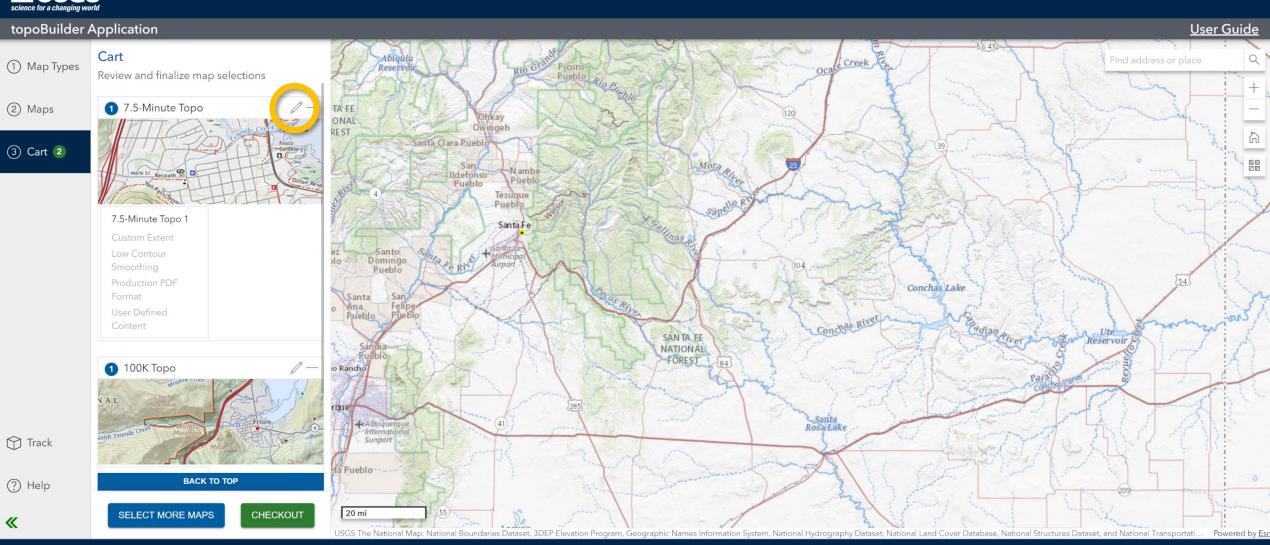


Review selections in cart



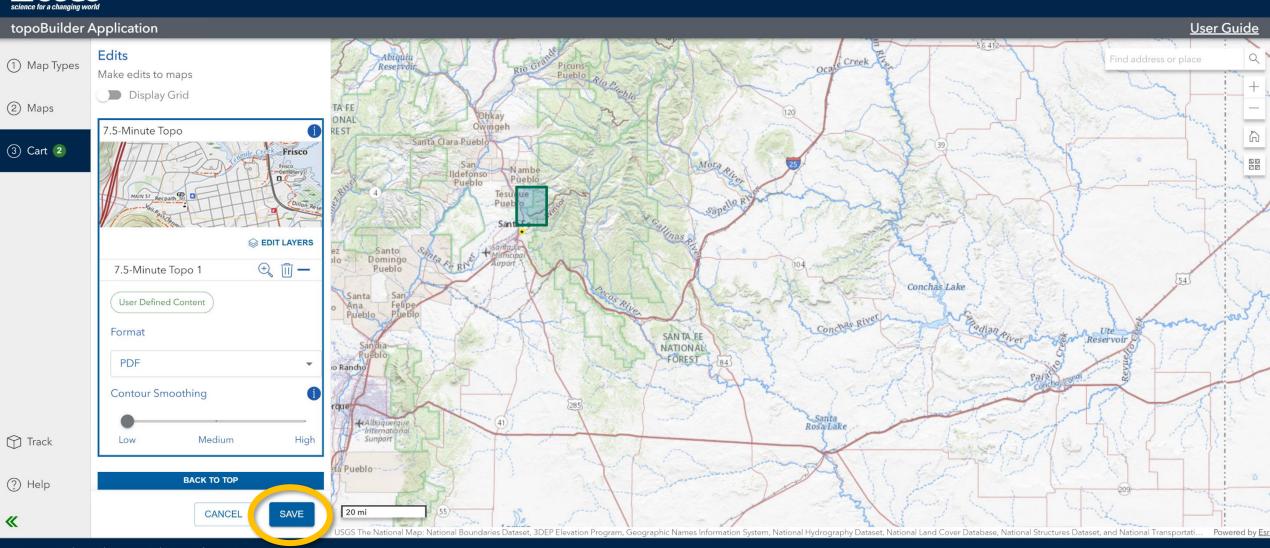
Edit maps (1)





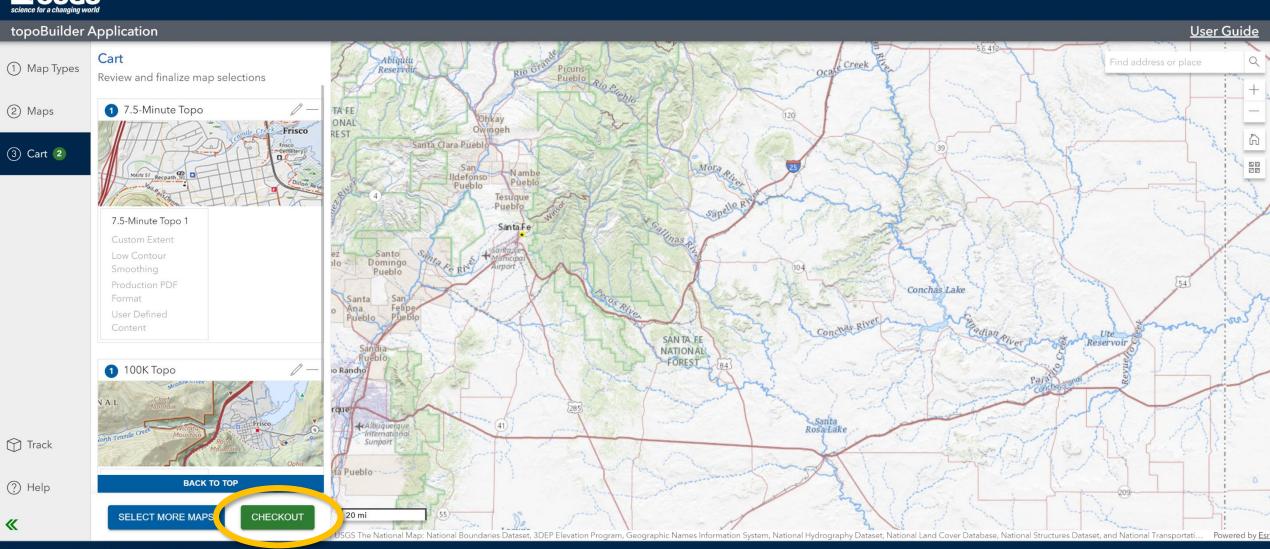
Edit maps (2)





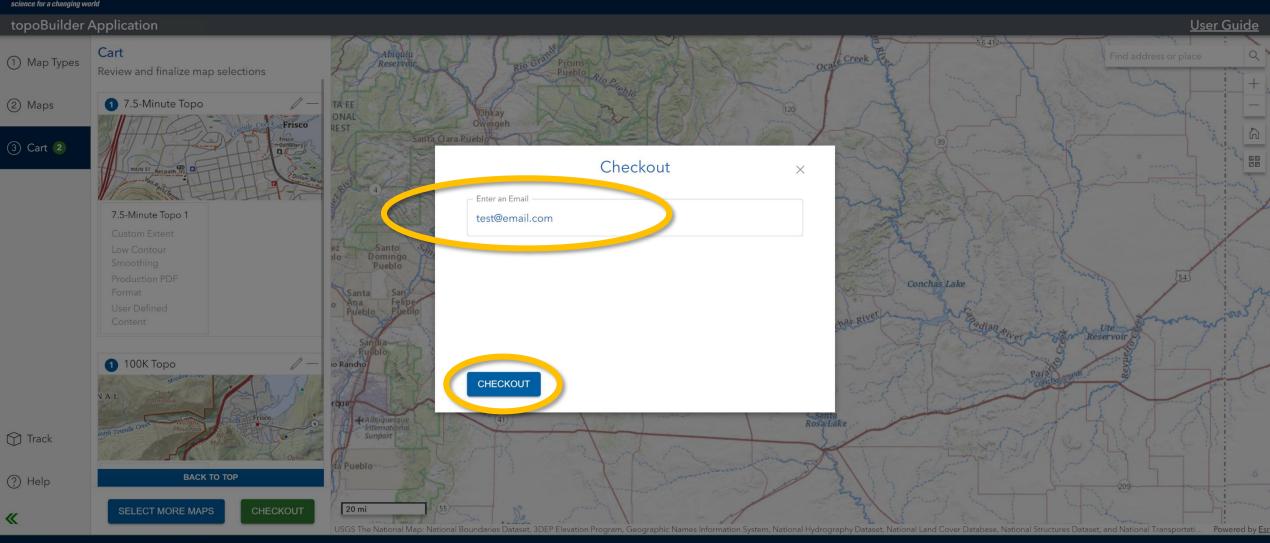
Checkout (1)





Checkout (2)





Confirmation and delivery emails





Thank you for your OnDemand Topo request. Your order is being processed.

A separate email with download instructions will be sent for each map as soon as it is available. Maps are often delivered within 24 hours but can take up to 5 business days.

Order confirmation number: 170491546480793

Order Summary:

7.5-Minute Topo 1,



Selection Type: Custom Extent Product Type: 24K Topographic Map Product Format: Production PDF

Contour Smoothness: Low

Layers Removed: Public Land Survey, Orthoimage

Santa Fe, New Mexico



Selection Type: On-Grid Extent Product Type: 100K Topographic Map

Product Format: TIFF

Contour Smoothness: Medium

Layers Removed: Public Land Survey, Orthoimage

Need anything? We're here to help!

topoBuilder Learn More Help Desk











Your OnDemand Topo from topoBuilder is ready for download!

This map will remain available until 60 days after date of delivery. For a detailed overview of OnDemand Topo maps, please see the user guide.

Order number: 170491546480793

Delivery Summary:

Santa Fe, New Mexico

Selection Type: On-Grid Extent Product Type: 100K Topo Product Format: TIFF

Layers Removed: Public Land Sur, V. Orthoimage

Download Map

Click here to download your map. This Lik will expire on March 10, 2024

Need anything? We're here to help!

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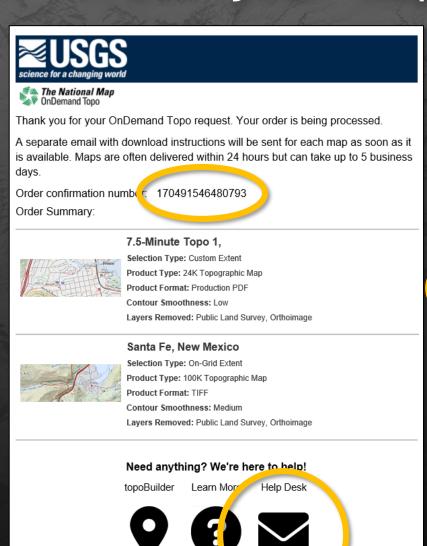


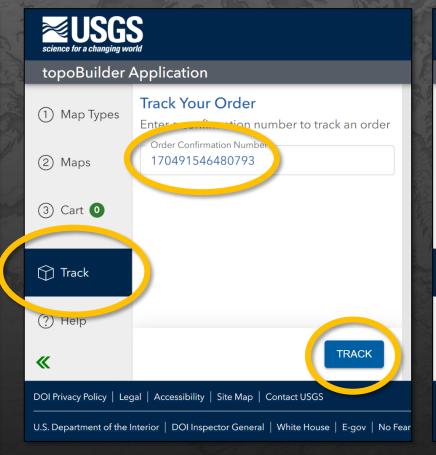


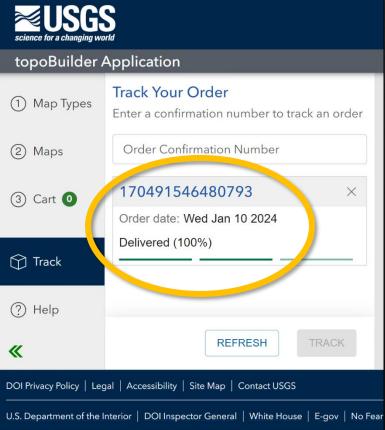




Track your map



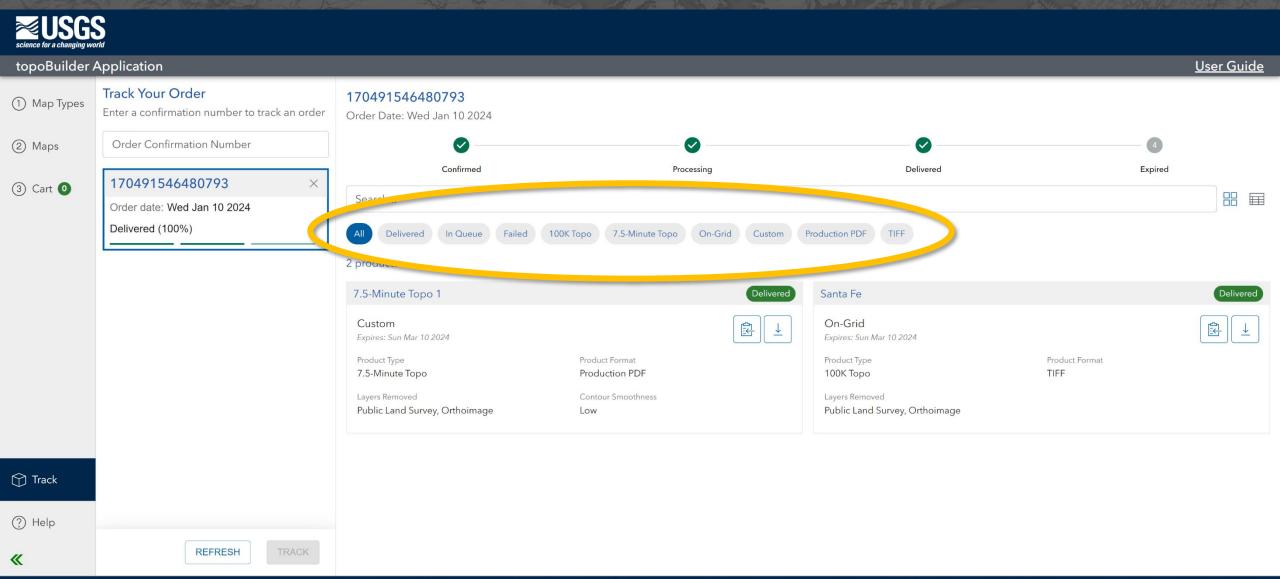




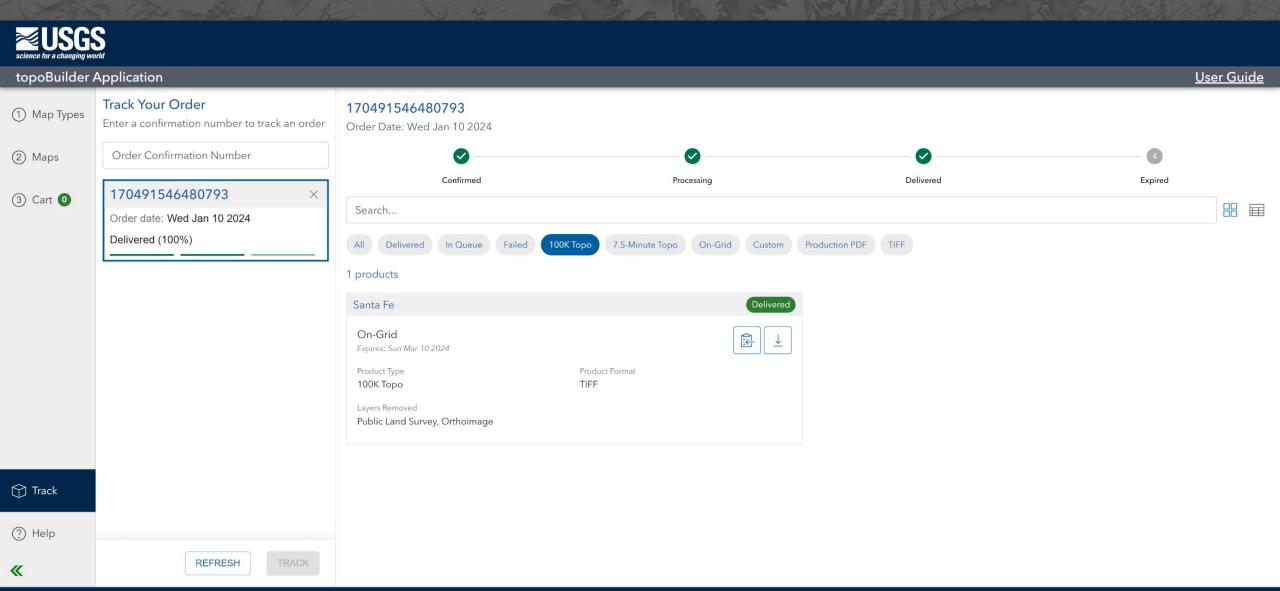




Tracking and filtering



Tracking and filtering



Need help?

- about topoBuilder
- topoBuilder User Guide
- tnm_help@usgs.gov





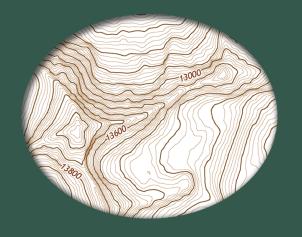


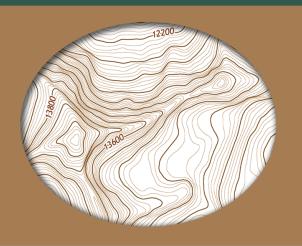
More about contours

- Generated on the fly
- Use best available 3DEP data
- $\frac{1}{3}$ arc-second, $\frac{1}{9}$ arc-second, and 1 meter resolution in CONUS
- 2 meter in Alaska
- ½ arc-second in U.S. territories

low smoothing high detail

These highly detailed contours allow the user to identify surface features and landforms. Best suited for geology, geomorphology, and natural hazards.



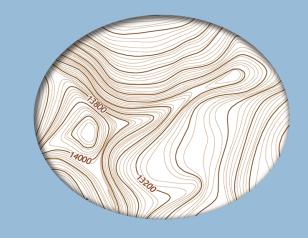


medium smoothing medium detail

Closest to the US Topo style, the reduced detail permits better map readabilty. Best for recreation, geocaching and orienteering, land management, and emergency management.

high smoothing low detail

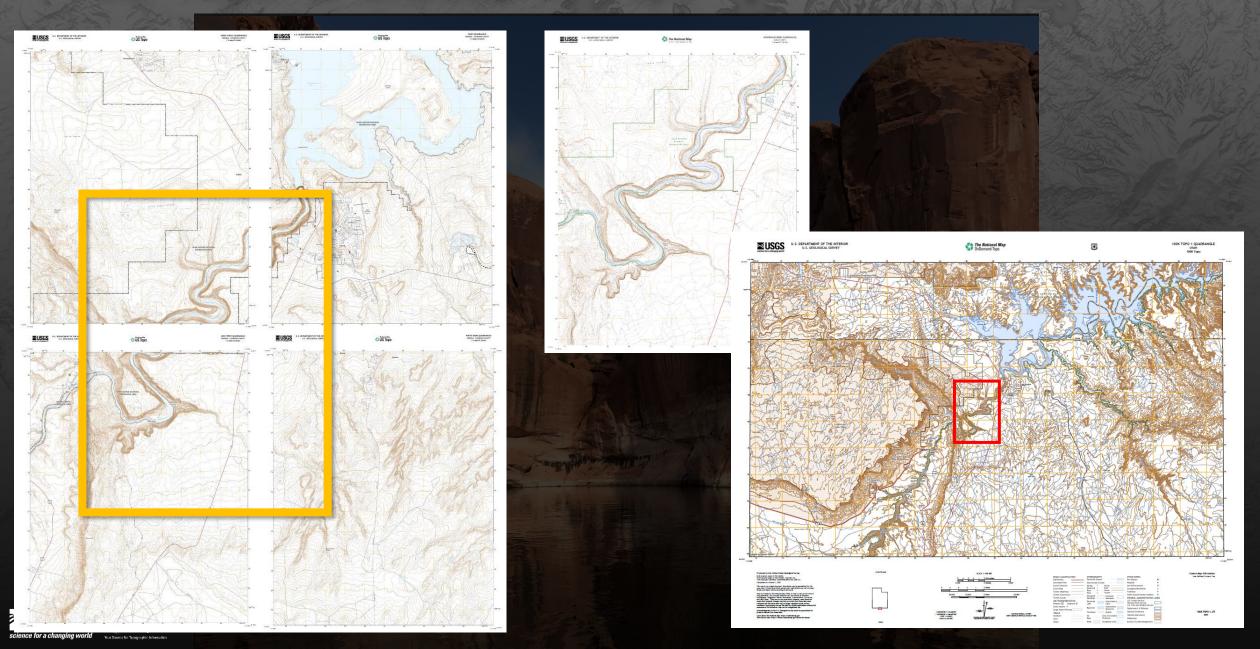
This option shows only general topography. Smaller features may not appear. Best for thematic maps, urban planning, transportation management, and demography.







US Topo & OnDemand Topo



US Topo

- Staged
- Standard USGS quads
- 7.5′ (approx. 1:24,000)
- Predesigned contours
- Updated on a 3-year schedule
- Free & unlimited download
- Immediately available
- CONUS, Hawaii, Alaska, Puerto Rico, U.S. Virgin Islands

OnDemand Topo

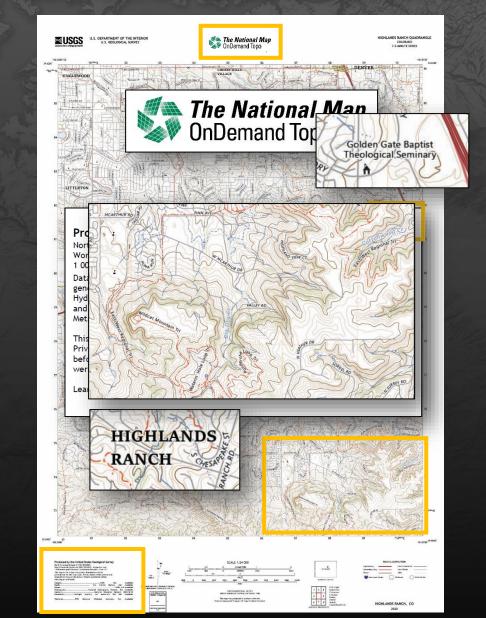
- On demand
- Custom extent
- 7.5′ and 1:100,000
- Contours generated on the fly
- Uses best available data
- Free & unlimited downloads
- Most maps delivered within 24hrs
- CONUS, Hawaii, Alaska, Puerto Rico, U.S.
 Virgin Islands, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands



US Topo

U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY S US Topo The National Map **Gate Baptist** Theological Seminary E PANO HIGHLANDS RANCH

7.5-Minute OnDemand Topo



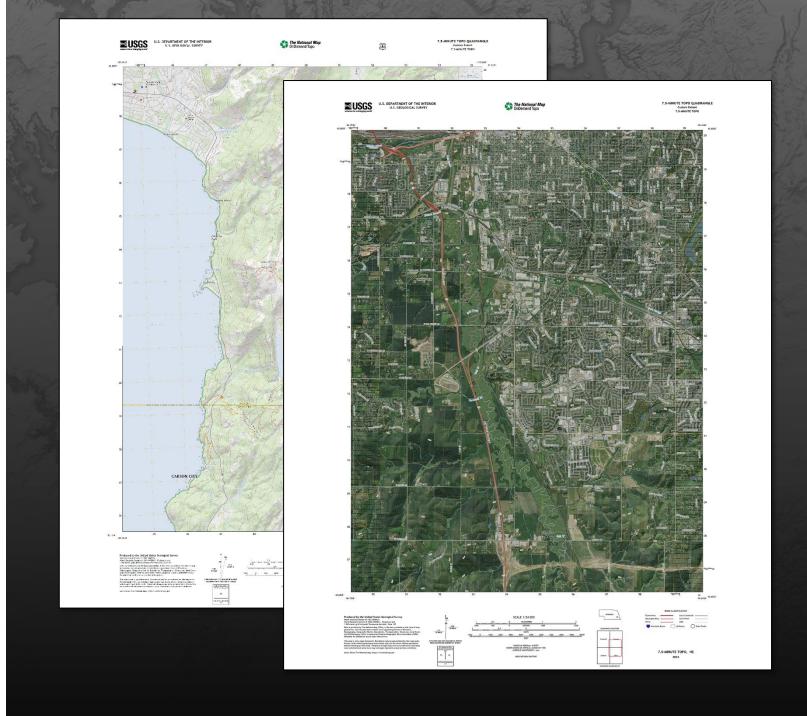
OnDemand Topo Map Scales





7.5-Minute Topo

- 1:24,000 in CONUS & Hawaii
- 1:25,000 in Alaska
- 1:20,000 Puerto Rico,
 U.S. Virgin Islands,
 American Samoa, Guam,
 the Commonwealth of the
 Northern Mariana Islands
- Includes imagery and shaded relief
- Includes contour smoothing customization

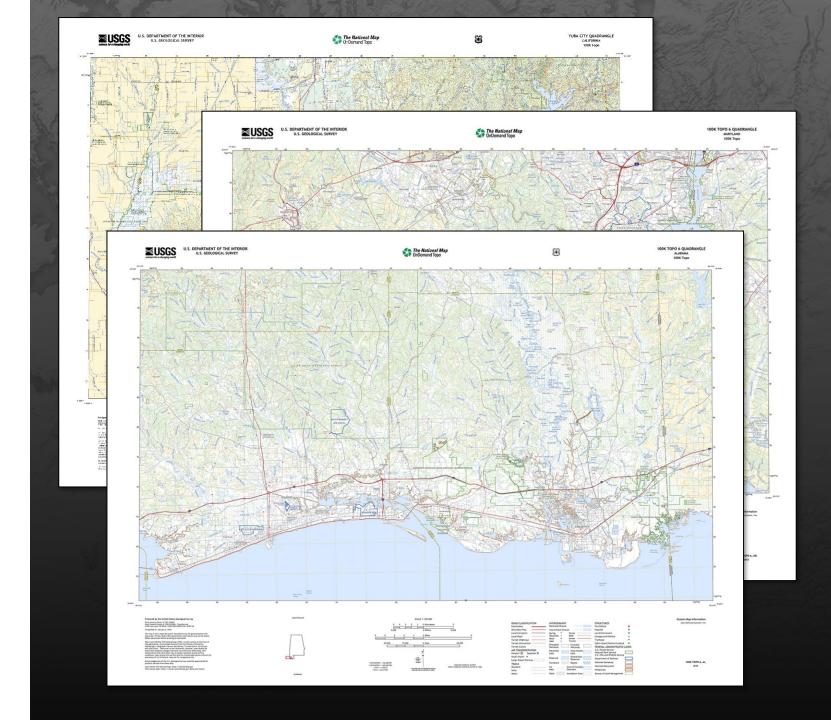






100K Topo

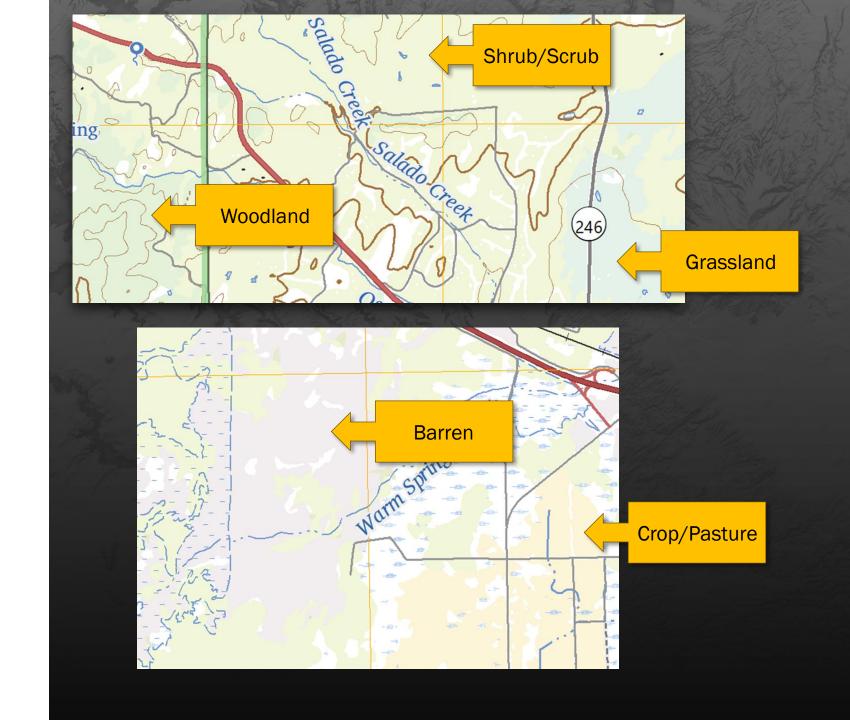
- New in January 2024
- 1:100,000-scale
- CONUS, Hawaii, Alaska, Puerto Rico, U.S. Virgin Islands, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands
- Suitable for planning, land management, recreation





100K Topo

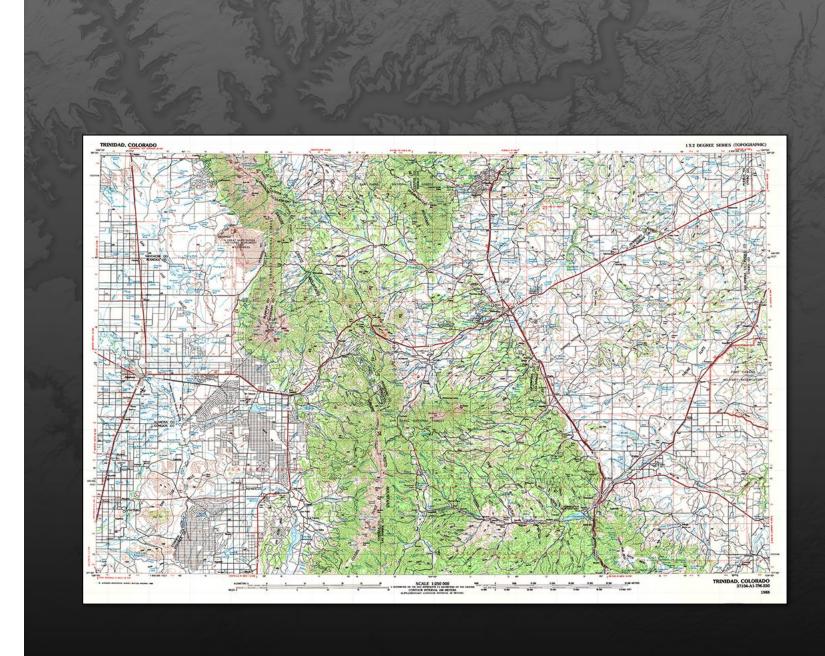
- Five land cover classes
 - Woodland
 - Shrub/Scrub
 - Grassland
 - Crop/Pasture
 - Barren
- No imagery
- No shaded relief (currently)
- No contour smoothing





What's next

- User-added content
- Print
- GIS data download
- Additional scales

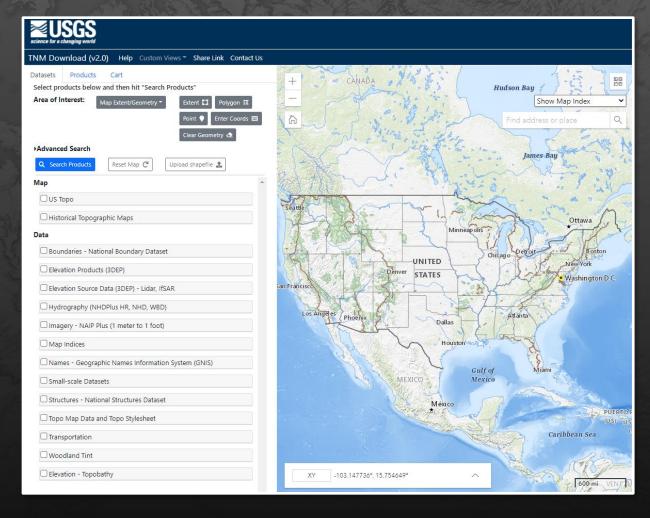




Essential facts

- topoBuilder uses the best available data from The National Map to create OnDemand Topo maps
- US Topo maps continue to be produced and are available as free and immediate downloads
- National Map Data available as free and immediate downloads

US Topo & National Map Data Downloads: apps.nationalmap.gov/downloader





Questions and discussion

Drew Decker National Map Liaison for CA email@usgs.gov

For feedback, help, or support:

tnm help@usgs.gov





Where you want



Content you want

Select The National Map content of interest

topoBuilder

Custom Topographic Maps On Demand







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When you want Order turnaround is 5 days or less

Delivered to You

Once order is complete, you will be emailed a link to download your free map



