



GeoYukon

User Manual

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DRAFT

GeoYukon User Manual

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Introduction to GeoYukon

GeoYukon is a public mapping and data discovery platform maintained by the Government of Yukon. Government branches contribute datasets and imagery found on GeoYukon.

GeoYukon Basics

Starting GeoYukon

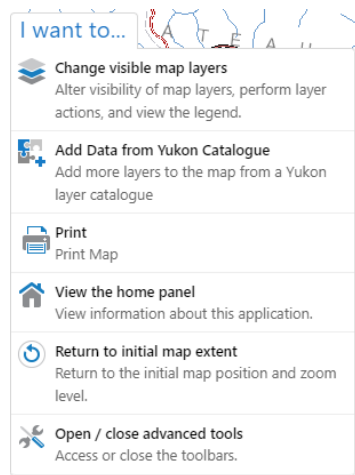
To open GeoYukon please use your preferred browser to visit <https://yukon.ca/geoyukon>. Click the View GeoYukon button.

GeoYukon will function in both desktop and mobile environment.

I want to... Menu

The **I want to...** menu is a quick-list of common tasks. The **I want to... menu button**

I want to... is located in the upper-left corner of the map window.



Change visible map layers opens a Layers Panel to the left.

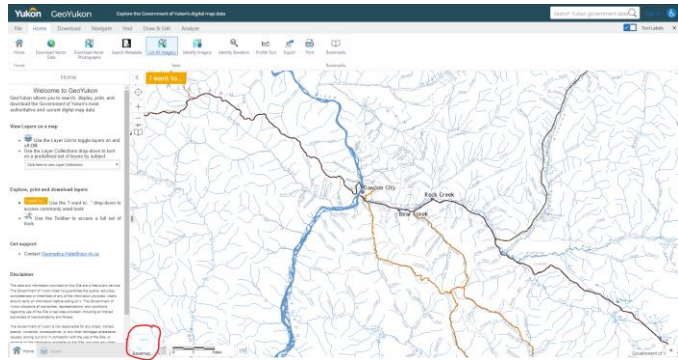
Add additional information to the map by clicking **Add Data from Yukon Catalog**.

Show or hide the toolbar at the top of the screen using **Open / close advanced tools**.

Other Features in GeoYukon

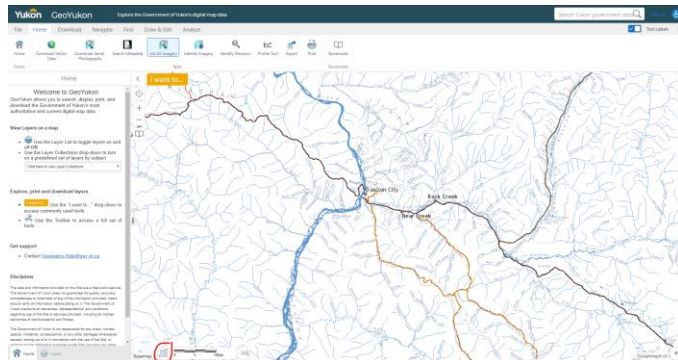
Base map selector

Change the map background from vector data to imagery, or a hillshade terrain model.



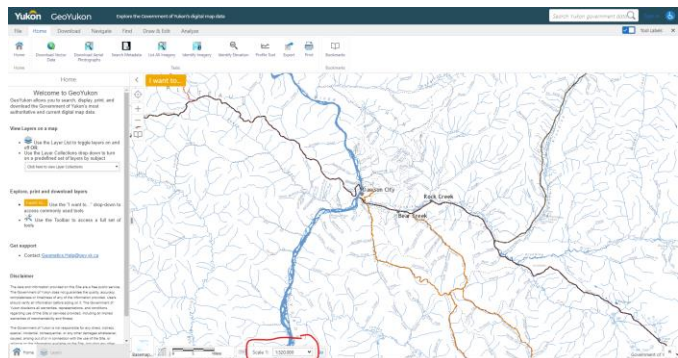
Coordinate selector

Change the coordinate system used in the map. Control the coordinates added to the map using the Right-click menu.



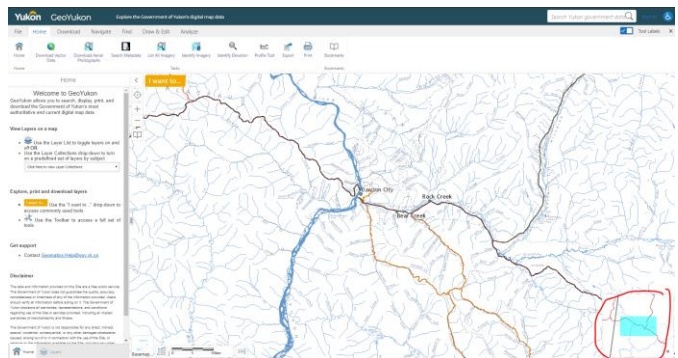
Scale selector

Learn the scale for the map. Change the scale by entering a value.



Overview map

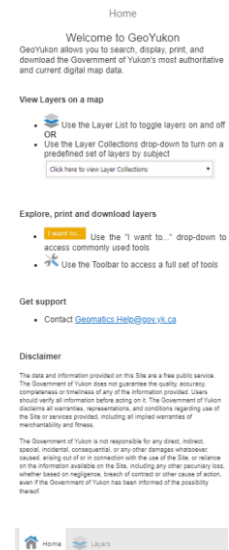
Click the arrow to expand the Overview map. Drag the blue rectangle to move the map location.



Home Panel

The **Home Panel** is to the left of the map. This panel provides a brief introduction to GeoYukon, and contact information for support.

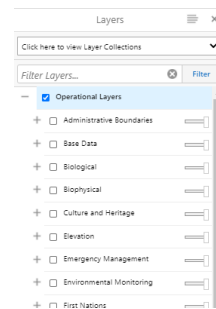
If the Home Panel is closed, it can be reopened by clicking the **Home tab**, or choosing **View the home panel** from the I want to... menu.



Layers Panel

The Layers panel is a list of layers for the map. The panel is to the left of the map.

To display the Layers panel click the Layers tab, or click Change visible map layers in the I want to... menu.



Turning Layers On and Off

Control visibility by toggling the checkbox next to each layer.

Layer Collections

GeoYukon Layer Collections turn on a selected set of layers related to a theme.

GeoYukon Layer collections are listed below, and in a drop-down menu at the top of the Layers panel.


- [Air photo library](#)
- [Energy](#)
- [Environmental monitoring](#)
- [Fire and emergencies](#)
- [First nations](#)
- [Forestry](#)
- [Geology](#)
- [Hunting and Trapping](#)
- [Land and property](#)
- [Licences and permits](#)
- [Mining](#)
- [Oil and gas](#)
- [Placer atlas](#)
- [Tourism](#)
- [Transportation and utilities](#)
- [Wildlife](#)
- [All Available Layers](#)








Layers Scale Dependencies

Some layers on GeoYukon are scale dependant. Detailed layers set be viewed at large scales, Scale dependant layers appear in italics until the maps viewed at an appropriate scale.

Layer Menus

Click the arrow to the right of any layer to view a menu of tasks.

<p>Zoom to full extent</p> <p>Set map scale to the layer's full geographic extent.</p>	
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<p>Zoom to visible scale Change the scale for the map to make the layer visible.</p>	
<p>Turn on/off layer visualizations Enable Heat Maps or Clustering to be shown in the map.</p>	
<p>Toggle labels Turn labels on and off for the layer.</p>	
<p>Customize labels Toggle label visibility. Change the attribute used for the label in the map.</p>	
<p>Metadata Open the layer's record in the GeoPortal site to read metadata.</p>	
<p>FTP Data Download Open the directory for the layer an FTP site for downloading.</p>	
<p>ArcGIS Online View content details, and interact with this layer in ArcGIS Online.</p>	

GeoYukon Toolbars

File toolbar






Import toolset

The Import toolset add external datasets to the map.

<p>Upload Data Add a file from your computer.</p>	 Upload Data
<p>Add Data from Yukon Catalog Add additional information from the Yukon Catalog to the map.</p>	 Add Data from Yukon Catalogue

Export toolset




The Export toolset supports downloading, map export, printing and sharing of maps and data.

<p>Download Vector Data Click and extract data from the map</p>	 Download Vector Data
<p>Download Aerial Photographs Click and download individual orthophotographs.</p>	 Download Aerial Photographs
<p>Print Create a printable version of your map. Choose an output format, scale and resolution. Add a title and notes.</p>	 Print
<p>Export Choose a format, and save an image of the map.</p>	 Export
<p>Share Share the current map on the most common social media.</p>	 Share

Internal Government Users toolset

The Internal Government Users toolset is restricted to Government of Yukon business area units. Each Government business area account can access restricted information, save and open their projects in GeoYukon. When an account is used, internal layers appear in the Layers panel under the he. These are


To login, click the **Sign in** link at the top-right of the screen, and enter your business area credentials.

Open Open a saved map.	 Open
Save Save your map for access later.	 Save
Save as Save a new copy of your map to your business area account.	 Save as

Home toolbar









The Home toolset provides an introductory suite of tools when GeoYukon loads.


Home button

Home Displays the Home panel to the left of the map.	 Home
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Tasks toolset

The Tasks toolset is a suite of selected tools to perform common tasks in GeoYukon.

Download Vector Data Click and extract data from the map.	 Download Vector Data
Download Aerial Photographs Click and download individual orthophotographs.	 Download Aerial Photographs
Search Metadata Search for metadata in Geoportal.	 Search Metadata
List All Imagery Display a list of information about all the images from the aerial photographs, and satellite imagery layers at this location.	 List All Imagery
Identify Imagery Identify the most current images from the aerial photographs, and satellite imagery layers at this location.	 Identify Imagery
Identify Elevation Identify elevation values and datasets at this location.	 Identify Elevation
Profile Tool Create a profile graph of the elevation.	 Profile Tool
Export Choose a format, and save an image of the map.	 Export

<p>Print</p> <p>Create a printable version of your map. Choose an output format, scale and resolution. Add a title and notes.</p>	 <p>Print</p>
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Bookmarks button

<p>Bookmarks</p> <p>Open a list of bookmarked locations in the Yukon.</p>	 <p>Bookmarks</p>
--	--

Download toolbar



Download tools extract, print or download copies of the data on GeoYukon.

Download toolset

<p>Download Vector Data</p> <p>Click and extract data from the map.</p>	 <p>Download Vector Data</p>
<p>Download Aerial Photographs</p> <p>Click and download individual orthophotographs.</p>	 <p>Download Aerial Photographs</p>

Export toolset

Use GeoYukon Export tools to print a custom map, export your map to a file, or share to popular social media platforms.

<p>Print Map</p> <p>Create a printable version of your map. Choose an output format, scale and resolution. Add a title and notes.</p>	 <p>Print</p>
<p>Export</p> <p>Choose a format, and save an image of the map.</p>	 <p>Export</p>

Share

Share the current map on the most common social media.











Share

Navigate toolbar

Navigation toolset

Use GeoYukon Navigation tools change the view extent, and move around the map extents.






Pan Move the map view around using the mouse.	 Pan
Zoom in Zoom in to larger scales in the map using incremental steps.	 Zoom In
Zoom out Zoom out to smaller scales in the map using incremental steps.	 Zoom Out
Initial view Return to the initial view extent.	 Initial View
Full extent Display the full extent of the map.	 Full Extent
Previous extent Return to the previous view extent.	 Previous Extent
Next extent Advance to the extent used following the previous view extent.	 Next Extent

<p>Bookmarks Open a list of bookmarked locations in the Yukon.</p>	 Bookmarks
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Find Toolbar



Find Data toolset

Use GeoYukon Find Data tools to explore and discover data layers. Read attributes for layer. Identify information for a single location, along a line or for an area.


<p>Point Find out about a location on the map.</p>	 Point
<p>Freehand Find out about an area on the map by drawing a freehand shape.</p>	 Freehand
<p>Line Find out about an area on the map by drawing a line.</p>	 Line
<p>Polygon Find out about an area on the map by drawing a polygon.</p>	 Polygon
<p>Rectangle Find out about an area on the map by drawing a rectangle.</p>	 Rectangle

Imagery toolset



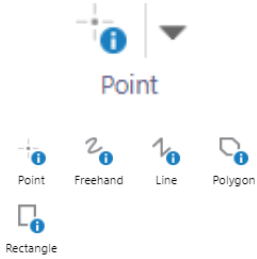
Use the Imagery toolset to learn more information about the images in GeoYukon layers.

Identify Imagery Identify the most current images from the aerial photographs, and satellite imagery layers at this location.	 Identify Imagery
List All Imagery Display a list of information about all the images from the aerial photographs, and satellite imagery layers at this location.	 List All Imagery


Elevation toolset

Identify Elevation Identify elevation values and datasets at this location.	 Identify Elevation
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Refine Data toolset

Filter Use a query to filter the data displayed on the map.	 Filter
Query Find data in GeoYukon using single or multi-factor queries.	 Query
Find data tools Identify features in the map by clicking using shapes and points.	 Point Freehand Line Polygon Rectangle







Search Metadata






Search Metadata Search for metadata in Geoportal.	 Search Metadata
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Draw & Edit toolbar

Draw toolset





The Draw toolset adds mark-up graphics to the map. Use the Export Drawings tool to export graphics in shapefile format.

Point Add a point to the map to indicate a location.	 Point
Text Add your own text to the map.	 Text
Line Draw a line on the map.	 Line
Freehand Draw a freehand line on the map.	 Freehand
Ellipse Draw an ellipse on the map.	 Ellipse
Circle Draw a circle on the map.	 Circle

<p>Polygon</p> <p>Draw a polygon on the map.</p>	 <p>Polygon</p>
<p>Rectangle</p> <p>Draw a rectangle on the map.</p>	 <p>Rectangle</p>
<p>Enable Snapping</p> <p>Enable snapping for active draw tool. This button will appear when a draw tool is active.</p>	 <p>Enable Snapping</p>
<p>Select Snapping Layers</p> <p>Change which layers are snap-able. This button will appear when a draw tool is active.</p>	 <p>Select Snapping Layers</p>
<p>Styles</p> <p>Choose a style for the currently selected drawing tool. This button will appear when a draw tool is active.</p>	 <p>Styles</p>

Edit Drawings toolset

Use the Edit Drawings tools to make changes to drawings created with the Draw tools.

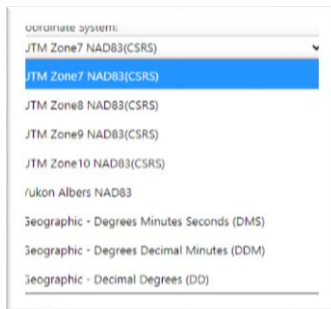
<p>Styles</p> <p>Change the style for the currently selected drawing tool. This button will appear when a draw tool is active.</p>	 <p>Styles</p>
<p>Edit</p> <p>Click on a drawing to edit. Drag vertices to change the geometry.</p>	 <p>Edit</p>
<p>Erase</p> <p>Delete an existing drawing.</p>	 <p>Erase</p>
<p>Clear</p> <p>Clear all drawings from the map.</p>	 <p>Clear</p>

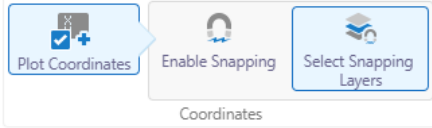
Export Drawings

Export Drawings Export map drawings to a shapefile.	 Export Drawings
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Coordinates



Add coordinates to the map with the Plot Coordinates tool. A selection of projections in a dropdown in the panel will appear to the left.



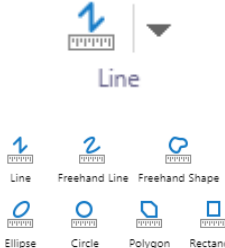
Plot Coordinates Plot coordinates for a location on the map. Enable coordinates to be snapped to selected layers.	 Coordinates
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Analyze tab

Measure toolset



Distance Draw a multi-part line to measure a distance.	 Distance
Area Calculate the area for a defined shape.	 Area

Advanced Measuring Using Geometry toolset

<p>Advanced Measurement Measure using a variety of shapes and methods.</p>	 <p>The image shows a collection of measurement tool icons. At the top is a 'Line' tool icon with a blue line and a dropdown arrow. Below it are icons for 'Line', 'Freehand Line', and 'Freehand Shape'. At the bottom are icons for 'Ellipse', 'Circle', 'Polygon', and 'Rectangle'.</p>
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Elevation toolset

Use the Elevation toolset to interact with elevation values from the Elevation layer.

<p>Elevation Profile Create a profile graph of the elevation. Export your profile to .CSV format for further analysis. Elevation values are presented in metres above sea-level.</p>	 <p>The icon shows a simple line graph with a peak and a valley, representing an elevation profile.</p>
<p>Download Elevation Download a copy of a digital elevation model (DEMs) used in the Elevation layer.</p>	 <p>The icon shows a small globe of the Earth, representing a digital elevation model.</p>

Further Information and Support

Further Information

Visit <https://yukon.ca/maps> for the latest information about Government of Yukon spatial data and online services.

Help and Support

For questions and assistance with GeoYukon, or Government of Yukon spatial data, email Geomatics.Help@gov.yk.ca.

Appendix

Basic GeoYukon Workflows

[Print a map of my hunting area](#)

[Find my property and view land use zoning](#)

[Create a map of my mining claim](#)

[Measure distance to the nearest creek on my property](#)

[Calculate the area of my proposed development](#)

[Download a digital air photo of my property](#)

[Plan my hiking route with an elevation profile](#)