

# Quick Start User's Guide: MDA's RADARSAT Portal

MDA's RADARSAT Portal is an online public discovery resource that facilitates search functions from the company's rich archive of RADARSAT-2 imagery. It enables easy access to hundreds of thousands of images via an intuitive visual user interface.

## Before You Start

You will need a computer with a screen resolution of 1024 x 768 pixels or higher, an active Internet connection, and Google Chrome V46 or higher, or Firefox V42 or higher.

## Logging in as a Guest or Registered User

In your chosen browser, enter:

<https://gsiportal.mdacorporation.com> to enter the website.

At this time, public access to the RADARSAT Portal is provided with Guest accounts only. Log in as a Guest to proceed.

## Getting to Work

Once you are logged in, the main interface for the portal is the GeoBrowser, a zoomable map of the world that allows you to define a geographic area of interest via polygons, saved areas of interest, or an imported shape file.

Below is a list of tools available on the GeoBrowser.

### Control Panel Toggle

Open or close the Control Panel from which most of the GeoBrowser functions are available

### Gazetteer Search

Navigate to geographical points of interest using country names or latitude/longitude (xx.xx, yy.yy format)

### Zoom Control

Slider to control the zoom level

### Shortcuts

Icons to help navigate to commonly used functions of GeoBrowser (not all functions are available for Guests)

### User Menu

Shortcut to the User Menu to change password and update account information (not available for Guests)

### Help

Shortcut to the online Quick Start User's Guide and "How-to" video

### Returned Results Panel

Click on an entry to select the scene displayed

### Cursor Position

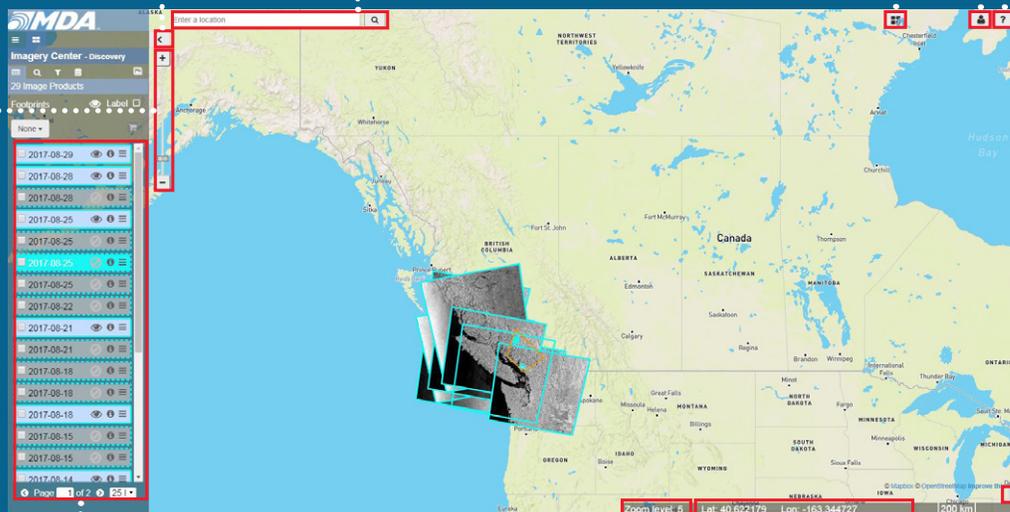
Displays the current cursor position in latitude and longitude

### Current Zoom Level

Displays the current zoom level of GeoBrowser

### Overview Map Toggle

Toggle open or close an overview map of the world



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## Performing Searches

To perform a search, first open the **Control Panel** , and click on the Imagery Center's **Search** icon . You must specify a search area polygon to narrow the search to only those images whose boundaries intersect the search area polygon. There are three options to specify a search area:

Option 1 - "Create a Polygon"

Option 2 - "Saved AOI" (not available to Guests)

Option 3 - "Import Shapefile"

After defining a search area polygon, users have the option of narrowing down their search results by entering a start/stop range of image acquisition dates using the **Imaging Date** (UTC) tool. If you do not enter a date range, the search defaults to images acquired in the past month.

Once a search area has been defined and a date range selected, you will notice the **Search** button becomes enabled. Click on this button to obtain your search results.

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## Viewing Results

The Imagery Center displays returned search results, in a list of image cards, organized by date. Thumbnail images displayed on the map correspond to the listed images.

To view more results beyond what is displayed, scroll through the pages at the bottom of the image card lists.

Hover the cursor over each image card to highlight the borders of the corresponding image on the map. To hide an image on the map, click on the  button on the image card. To display the image again, click the  button and the eye symbol will reappear.

Viewing image metadata can be done two ways: open the **Menu** button  on the image card and select **Show Metadata**; or click directly on the image displayed on the map. Either option will open a dialogue box containing details on the image.

Additional image card **Menu**  options include: **Show Browse Image** and **Zoom to Image**. Show Browse Image opens a dialogue box with the image displayed inside. Zoom to Image pans and zooms the map to the image product location.

Some image cards may become greyed out, indicating that though the image is still on the map, it is hidden at the current zoom and/or pan level.

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## Filtering Search Results

Applying a filter from the filter dialogue box can narrow search results. To open the filter dialogue box, click on the **Filter** tab  next to the **Search** icon  in the Imagery Center.

Once filters are set, they will be applied to every subsequent search performed until the filters are cleared by opening the Filter dialogue and selecting **Clear**.

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## Clearing Search Results

To clear a search, select the **Search** icon  in the Imagery Center. Now, a **Previously Searched Area** option will appear. Selecting this option allows a new search, using the same search polygon, which is useful for changing the date range of a search. To clear search results and any applied filters, select the **Clear** button. Image cards and displayed images will disappear.

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## Request a Quote on RADARSAT-2 Imagery

The Imagery Center enables users to request a quote for RADARSAT-2 image products. To request a quote, check the boxes of desired image cards from the list to enable the **Shopping Cart** button. 

After selecting at least one image from a search, click the **Shopping Cart** button  to open the **Request for Quote** form. Complete the form and click **Send Request**. The MDA Client Services team will respond with a formal price quotation and the information required to complete a transaction.

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## Logout

To log out of MDA's RADARSAT Portal, open the **User Menu**  and click the **Logout** button. The session will end.

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