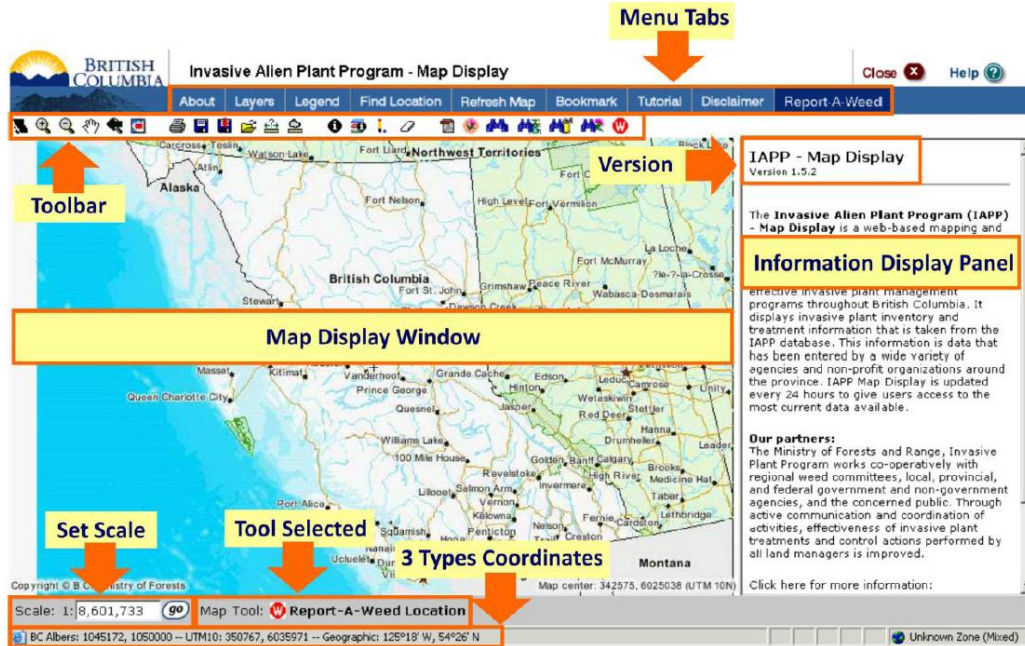
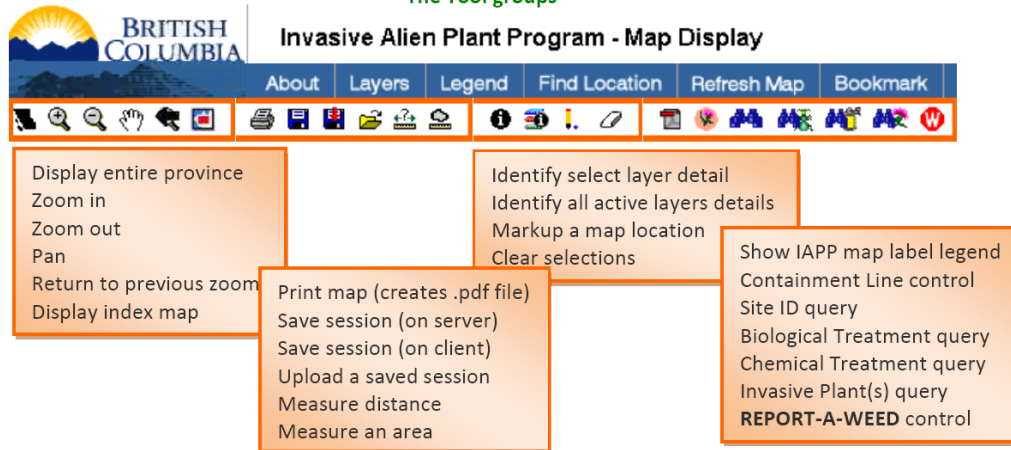


IAPP Map Display Exercise



The Tool groups



1. Open the IAPP Map Display module

- Go to <http://www.for.gov.bc.ca/hra/Plants/application.htm>
- Click on the [Enter the IAPP Map Display module](#) link
- Click the Maximize button to open the window to its full extent



2. Centre the map on your home and zoom to a scale of 1:10,000

- Click the **Find Location** tab
- Choose an option from the list (e.g. Municipality or Place Name).
- Type in your choice and click OK.
- Type **10000** in the scale box at the left bottom corner



3. Turn on the Orthophoto layer

- Click the **Layers** tab
- Expand the **Grids and Images** section by clicking on the folder icon:  Grids and Images
- Click the checkbox in front of Orthophoto

Note: If you want the map to refresh every time you select or de-select a layer, click the checkbox in front of 'Automatically Refresh Map'; otherwise you must click the 'Refresh Map' button each time to refresh your map

4. Zoom in and out and notice the different levels of detail available at different scales.

Note: If you zoom out beyond 1:250,000 the Orthophoto and Invasive Plant Site ID layers, although still turned, will no longer display.


IAPP Map Display Exercise


5. Zoom back to your home and place your mouse on top. What are the coordinates of your home?

UTM Zone: _____ Easting: _____ Northing: _____

6. What Mapsheet is your home in?

a. Turn on the mapsheet layer (this is the **BCGS 20K Grid** in the Grids and Images folder)

b. If you are zoomed closer than 1:50,000 this layer cannot be turned on and a plus symbol  will appear next to the layer name.

 Clicking the plus will turn the layer on and automatically refresh the map to the minimum scale the layer can be viewed at.

Note: The mapsheet number and outline will only display on the screen if you are zoomed out to a scale greater than 1:101,000.

Home Mapsheet: _____

7. Turn on the Biogeoclimatic layer. What is the scale of your map now? What zone/subzone is your house in?

a. Expand the BioGeoClimatic folder  BioGeoClimatic

b. Turn on the Biogeoclimatic layer

c. Use the red asterisk to turn on the Subzone layer

d. Turn off the Orthophoto layer

Mapscale: _____ BEC zone/subzone: _____

8. Use the Identify Visible tool to efficiently find the answers to questions 5, 6 and 7!

a. Go to a scale smaller than 1:100,000 so the mapsheet info is no longer visible on-screen

b. Click the **Identify Visible** icon on the toolbar to make it the active tool 

c. Observe the answers to your questions, which now appear in the right-hand info panel

Note: This tool will display information on all the layers that are turned on, regardless of whether they are currently displaying on the screen due to scale limitations.

9. Turn some other layers on and off. What does it look like with Hillshade on?

a. Use the red asterisk where needed and observe the changes in scale and how things display.

10. Centre the map on UTM coordinates: zone 10, Easting 424510, Northing 5448025. What are some of the invasive plants (IPs) near this point? How close are they to this point? How close are they to each other? Which Forest District and Regional District are they in? What is the nearest Park or Protected area?

a. Use the **Measure Distance** tool 

b. Click at a starting point and then at an end point. The total distance between the two points will be displayed in the info panel.

Note: You can continue clicking with this tool and the distances keep getting added; the total distance will display at the bottom of the panel.

c. Turn on the necessary layers and use the Identify Visible tool to discover the answers:

IP	Distance to point	To other IP	Regional Distr	Forest Distr	Nearest Park	BEC Zone/subzone
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11. What is the nearest IP with a chemical or mechanical treatment, or with a biological agent? And what is its IAPP Site ID?

a. Species: _____ Site ID: _____

12. Prepare an 11 x 17 pdf map, centered on this point, showing some of the above. Imagine you are proposing a treatment contract to an Agency – what layers are most useful? Make the map illustrate the importance of the proposed work, and show the subcontractor how to get there.

13. Save a bookmark to this page.