

Ordering Data from the BC Geographic Warehouse using the BC Data Catalogue “Shopping Cart”

Introduction

In the past when you ordered data from the [BC Geographic Warehouse](#) (BCGW) using the [BC Data Catalogue](#) you were redirected to the [Data Distribution Service user interface](#), where you would place your order. With the technical underpinnings of that user interface reaching their end of life, continuing to support the existing interface meant that we could not make much-asked-for enhancements to associated components. In addition, the user experience ([UX](#)) offered by that interface was quite different from what you would experience from other DataBC products (other parts of the BC Data Catalogue, [iMapBC](#), etc.). This made for a very jarring journey when ordering BCGW data.

For those reasons, the interface used to order BCGW data from the BC Data Catalogue was changed. Instead of making use of a separate user interface, a “shopping cart” widget¹ has been integrated into the BC Data Catalogue.

¹ This widget is sometimes referred to as the “Persistent Order Widget” or POW. With this widget you can add datasets to your order before actually placing it.

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Ordering data the *old* way

This section describes the process that you used to follow when downloading data from the BC Geographic Warehouse.

First, you would click on the **Custom Download** link (highlighted below) or select **Explore/Access-Download** using the button on the right.

| Data and Resources | |
|---|---------------------------|
|  Parcel Fabric File Geodatabase (NAD83 / BC Albers) 🔥 ParcelMap BC parcel fabric Esri File Geodatabase (10.2) containing all parcel... | Explore ▾ |
|  Parcel Fabric File Geodatabase (NAD83(CSRs) / ...) 🔥 ParcelMap BC parcel fabric Esri File Geodatabase (10.2) containing all parcel... | Explore ▾ |
|  Parcel Fabric - Custom Download ParcelMap BC parcel fabric formatted to BC Geographic Warehouse data... | Explore ▾ |
|  WMS getCapabilities request For use in viewers such as ESRI tools use this truncated link:... | Explore ▾ |
|  BC Map Hub Layer (ArcGIS Online) This resource represents ParcelMap BC Parcel Fabric in ArcGIS Online. Users... | Explore ▾ |

This presented a page with more information about what you were about to download. To proceed, you clicked the highlighted link shown below, or pressed the **Access/Download** button on the right.

🏠 / Organizations / DataBC / ParcelMap BC Parcel Fabric / Parcel Fabric - Custom ...

Parcel Fabric - Custom Download

[Access / Download](#)

URL: <https://apps.gov.bc.ca/pub/dwds/addProductsFromExternalApplication.do?productTypeId=0&productId=17201>

ParcelMap BC parcel fabric formatted to BC Geographic Warehouse data standards and available with customizable download options, including map area of interest, file format and spatial reference system.

Note: only a subset of the entire dataset can be downloaded in this manner. Choose one of the file geodatabase products if all parcel records are required.

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After a few seconds you would see, and fill out, the following screen. This is the part that changed.

The screenshot shows the DataBC Data Distribution Service interface. The header includes the British Columbia logo and the text "DataBC". The main navigation bar displays "Data Distribution Service" and "Welcome Guest". A sidebar on the left contains a menu for "Data Distribution Service" with links to Home, Find / Add Products, View Your Order, Order Confirmation, Top Products, and Logout. Below this is a "Related Links" section with links to iMapBC Public, iMapBC Secure, DataBC, BC Data Catalogue, WMS, BCeID, and What's New.

The main content area is titled "Your Order" and shows "Your Order id: 1947232" and a "Show Help" link. A red warning message states: "Your order has exceeded the maximum order size! You will not be able to submit your order until the size has been reduced. You can do this by either removing selected products or by altering the AOI on configurable products." Below the warning is a red button labeled "Find / Add More Data Distribution Products".

The "Configurable Products" section includes a table with the following data:

| Name | % of Max | Info | Remove |
|----------------------------|----------|-------------------|-------------------|
| ParcelMap BC Parcel Fabric | 119% | i | x |

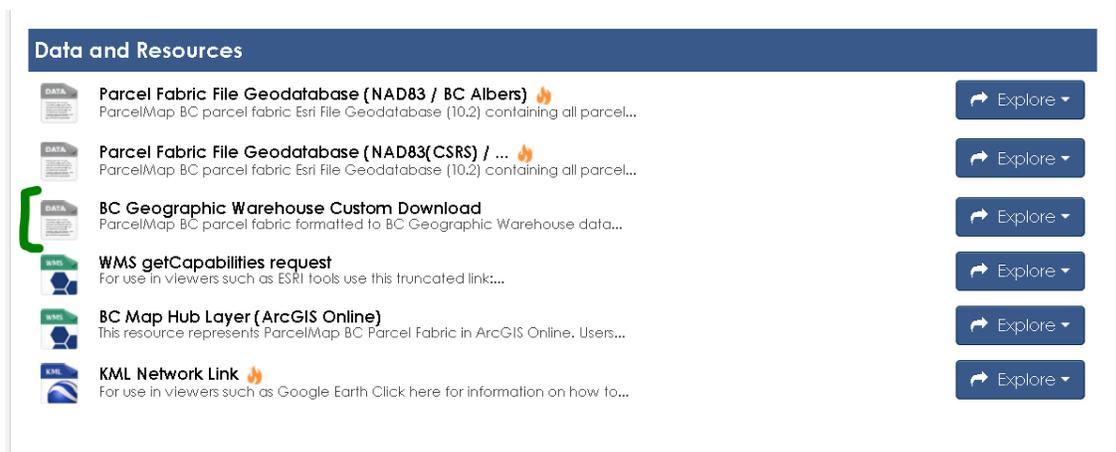
Below the table, the "Total Order Size:" is displayed as "119% of Max Size". There is a text input field for "Email Address:" with a placeholder "Enter the email address to which order notifications should be sent". A checkbox labeled "I accept the Terms and Conditions" is also present. At the bottom, there are two buttons: "Cancel Order" and "Submit Order". A "Top" link with an upward arrow is located at the bottom right.

Ordering Data from the BC Geographic Warehouse using the BC Data Catalogue “Shopping Cart”

Ordering data the *new way*

This section describes the process that you would follow using the new integrated shopping cart widget.

As before, you click on the **Custom Download** link (highlighted below) or select **Explore/Access-Download** using the button on the right.



Data and Resources

- Parcel Fabric File Geodatabase (NAD83 / BC Albers)** 🔥
ParcelMap BC parcel fabric Esri File Geodatabase (10.2) containing all parcel... [Explore](#)
- Parcel Fabric File Geodatabase (NAD83(CSRS) / ...)** 🔥
ParcelMap BC parcel fabric Esri File Geodatabase (10.2) containing all parcel... [Explore](#)
- BC Geographic Warehouse Custom Download**
ParcelMap BC parcel fabric formatted to BC Geographic Warehouse data... [Explore](#)
- WMS getCapabilities request**
For use in viewers such as ESRI tools use this truncated link... [Explore](#)
- BC Map Hub Layer (ArcGIS Online)**
This resource represents ParcelMap BC Parcel Fabric in ArcGIS Online. Users... [Explore](#)
- KML Network Link** 🔥
For use in viewers such as Google Earth Click here for information on how to... [Explore](#)

This presents a page with more information about what you are about to download. Press the **Access/Download** button on the right.

🏠 / Organizations / DataBC / ParcelMap BC Parcel Fabric / BC Geographic Warehouse ...

BC Geographic Warehouse Custom Download

[Access / Download](#)

ParcelMap BC parcel fabric formatted to BC Geographic Warehouse data standards and available with customizable download options, including map area of interest, file format and spatial reference system.

Note: only a subset of the entire dataset can be downloaded in this manner. Choose one of the file geodatabase products if all parcel records are required.

Ordering Data from the BC Geographic Warehouse using the BC Data Catalogue “Shopping Cart”

At this point, instead of being sent to a different program the user is shown a new “shopping cart” screen that’s integrated into the BC Data Catalogue program itself². The information that you will enter is the same as what you would have entered with the old interface. The fields are just laid out differently. And you can continue to select more datasets for download (as described above), as long as the total “% of Max” is no greater than 100. Here’s what the shopping cart looks like after selecting two more datasets:

The screenshot shows the 'Current Order' tab in the BC Data Catalogue interface. It features a 'Data Download' tab and a 'Current Order' tab. The 'Order Details' section includes dropdown menus for 'Coordinate System' (BC Albers (m)), 'Format' (ArcView Shape), and 'Area of Interest' (No Area of Interest Applied). Below these is a red indicator for '% of Max: 137%'. The 'Included Layers' section contains a table with three rows, each with a red 'X' in the '% of Max' column, indicating they exceed the limit. The table has columns for 'Layer Name', 'Filter Type', and '% of Max'. Below the table is a text input field for an email address, a checkbox for 'I agree to the Terms and Conditions', and a 'Submit Order' button.

| Layer Name | Filter Type | % of Max |
|---|-------------|----------|
| Atlas of Canada 1:1,000,000 National Scale Data - Waterbodies | No Filter | 18% |
| BC Hexagonal Grid | No Filter | 1% |
| ParcelMap BC Parcel Fabric | No Filter | 118% |

² If you are not currently logged into the BC Data Catalogue and are requesting a non-public dataset then you will be asked to log in at this point, either with an IDIR id or a Business BCeID id. This is described [later](#) in this guide.

Ordering Data from the BC Geographic Warehouse using the BC Data Catalogue “Shopping Cart”

If you specify the “Draw a Custom AOI” option, this is what you will see:

The screenshot shows a web browser window titled "Data Download - Mozilla Firefox" with the URL https://apps.gov.bc.ca/pub/dwds-ofi/jsp/dwds_pow_current_order.jsp?publicUrl=https%3A%2F. The page has two tabs: "Data Download" and "Current Order".

Order Details

- Coordinate System:** BC Albers (m)
- Format:** ArcView Shape
- Area of Interest:** Draw a Custom AOI
- % of Max:** 137%

Clipping: On Off

No Custom AOI defined. click the button to launch the Custom AOI Selector or Upload a Shapefile:

Draw a Custom AOI button

Or select a .zip file containing a shapefile

Browse... button | No file selected.

Included Layers

| Layer Name | Filter Type | % of Max | |
|---|-------------|----------|---|
| Atlas of Canada 1:1,000,000 National Scale Data - Waterbodies | No Filter | 18% | ✗ |
| BC Hexagonal Grid | No Filter | 1% | ✗ |
| ParcelMap BC Parcel Fabric | No Filter | 118% | ✗ |

Clipping “On” – all data features that overlap the Area of Interest (AOI) will be included, but each will be clipped so that they do not extend outside the AOI.

Clipping “Off” – all data features that overlap the Area of Interest (AOI) will be included, in their entirety. They will not be clipped to the AOI boundary.

Draw a Custom AOI – this button will launch an [“AOI Selector”](#) page.

Browse – use this button to select a zipped up shapefile containing a geographic feature that you want to use as the clipping boundary.

Ordering Data from the BC Geographic Warehouse using the BC Data Catalogue “Shopping Cart”

If you specify the “Geomark” option, this is what you will see:

The screenshot shows a web browser window titled "Data Download - Mozilla Firefox" with the URL https://apps.gov.bc.ca/pub/dwds-ofi/jsp/dwds_pow_current_order.jsp?publicUrl=https%3A%2F%2F. The page has two tabs: "Data Download" and "Current Order".

Order Details

Coordinate System
BC Albers (m)

Format
ArcView Shape

Area of Interest
Geomark
% of Max: 137%

Operations
Clip Intersect
Enter a Geomark: gm-abcdefghijklmnopqrstuvwxy0000bc
Use Geomark

Included Layers

| Layer Name | Filter Type | % of Max | |
|---|-------------|----------|---|
| Atlas of Canada 1:1,000,000 National Scale Data - Waterbodies | No Filter | 18% | ✘ |
| BC Hexagonal Grid | No Filter | 1% | ✘ |
| ParcelMap BC Parcel Fabric | No Filter | 118% | ✘ |

Email address where order notifications will be sent.
yourname@youraddress.ext

I agree to the [Terms and Conditions](#)

Submit Order

Ordering Data from the BC Geographic Warehouse using the BC Data Catalogue “Shopping Cart”

Finally, if you specify the Mapsheet option, you will see this:

The screenshot shows the 'Data Download - Mozilla Firefox' browser window. The URL is https://apps.gov.bc.ca/pub/dwds-ofi/jsp/dwds_pow_current_order.jsp?publicUrl=https%3A%2F%2F. The page has two tabs: 'Data Download' and 'Current Order'. The 'Current Order' tab is active.

Order Details

Coordinate System
BC Albers (m)

Format
ArcView Shape

Area of Interest
Mapsheet
% of Max: 137%

Clipping: On Off

Enter a Mapsheet: 102i055 or 92f or 102i055, 92f

Included Layers

| Layer Name | Filter Type | % of Max | |
|---|-------------|----------|---|
| Atlas of Canada 1:1,000,000 National Scale Data - Waterbodies | No Filter | 18% | ✘ |
| BC Hexagonal Grid | No Filter | 1% | ✘ |
| ParcelMap BC Parcel Fabric | No Filter | 118% | ✘ |

Email address where order notifications will be sent.
yourname@youraddress.ext

I agree to the [Terms and Conditions](#)

Clipping “On” – all data features that overlap the Area of Interest (AOI) will be included, but each will be clipped so that they do not extend outside the AOI.

Clipping “Off” – all data features that overlap the Area of Interest (AOI) will be included, in their entirety. They will not be clipped to the AOI boundary.

In the “Enter a Mapsheet” field, you can enter either:

- A single mapsheet (e.g., “93F023”), or
- A single letter block (e.g., “93F”), or
- One or more mapsheets and/or letter blocks separated by commas (e.g., “93F, 93E”)

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Using the AOI Selector

If you push the “Draw a Custom AOI button” described [earlier](#), you will see this:

The screenshot displays the 'AOI Selector' web application. At the top, there is a header with the 'BRITISH COLUMBIA' logo and the text 'AOI Selector'. To the right of the header is a search bar with the placeholder text 'Search...' and a magnifying glass icon, and a 'Sign in' link. Below the header, the main interface is divided into a left sidebar and a main map area. The sidebar contains a title 'Select Area of Interest' with a close button (X), a back arrow, and a 'Next' button. It also includes instructional text: 'Choose one of the tools below to select a polygon you wish to include in the area of interest. If you choose the point tool, you will have the option of creating a new buffer zone or selecting an existing polygon from a map layer. With the polygon and rectangle tools you can draw a new polygon. Define your custom geometry by choosing one of the tools below, and selecting an area on the map.' Below this text are three tool icons: a point tool (a dot), a polygon tool (an irregular shape), and a rectangle tool (a square). The main map area shows a topographic map of British Columbia with a grey polygon drawn over the western coast. The map includes labels for various locations such as Atlin, Fort Nelson, Fort St. John, Prince George, Prince Rupert, Masset, Bella Coola, Williams Lake, Port Hardy, and Vancouver. Road numbers like 1, 37, 19, 5, 97, and 2 are also visible. At the bottom of the map, there are icons for a grid and a scale bar labeled '1500'. The footer of the map area contains the text 'GeoBC, DataBC, TomTom, © Open...'. The bottom of the sidebar shows a 'Layers' panel with a 'Select Area of Interest' layer selected.

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There are several ways to select an area. The one shown below uses the “rectangle” tool



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Pressing “Next” will take you back to the Shopping Cart page. The AOI that was specified will be used as the clipping boundary for all the datasets.

The screenshot shows a web browser window titled "Data Download - Mozilla Firefox" with the URL https://apps.gov.bc.ca/pub/dwds-ofi/jsp/dwds_pow_current_order.jsp. The page has two tabs: "Data Download" and "Current Order".

Order Details

- Coordinate System:** BC Albers (m)
- Format:** ArcView Shape
- Area of Interest:** Draw a Custom AOI
- % of Max:** 6%

Clipping: On Off

Custom AOI received, click the button to launch the Custom AOI Selector or Upload a Shapefile:

- Draw a Custom AOI** (button)
- Or select a .zip file containing a shapefile
- Browse...** (button) No file selected.

Included Layers

| Layer Name | Filter Type | % of Max | |
|---|-------------|----------|---|
| Atlas of Canada 1:1,000,000 National Scale Data - Waterbodies | No Filter | 1% | ✘ |
| BC Hexagonal Grid | No Filter | 1% | ✘ |
| ParcelMap BC Parcel Fabric | No Filter | 4% | ✘ |

Email address where order notifications will be sent.

youname@youraddress.ext

The “% of max” is now down to 6%, so we can proceed. Enter a valid email address (where notifications will be sent), check the “I agree to...” box, press the Submit Order button, and you will see the following:

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Order Details

Coordinate System
BC Albers (m)

Format
ArcView Shape

Area of Interest
Draw a Custom AOI

% of Max: 6%

Data Download Current Order

Upload a Shapefile: Or select a .zip file containing a shapefile

Browse... No file selected.

Included Layers

| Layer Name | Filter Type | % of Max | |
|---|-------------|----------|---|
| Atlas of Canada 1:1,000,000 National Scale Data - Waterbodies | No Filter | 1% | ✘ |
| BC Hexagonal Grid | No Filter | 1% | ✘ |
| ParcelMap BC Parcel Fabric | No Filter | 4% | ✘ |

Email address where order notifications will be sent.

mike.dunham-wilkie@gov.bc.ca

I agree to the [Terms and Conditions](#)

Your Order has been successfully submitted! Your Order # is 1947853. You will receive notification via email shortly.

Submit Order

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Supplying credentials

If you select for download a non-public dataset and you’re not already logged into the BC Data Catalogue, then you will be asked to log in with either a BCeID or with an IDIR id. The BCeID option is the default, so if you have an IDIR id then you will need to press the button to the right on the screen shown below.

Log in with BCeID

User ID
Use a Business or Basic BCeID

Password

Continue

[Forgot your user ID or password?](#)

No account?
[Register for a BCeID](#)

Once you log in you will be taken to the Shopping Cart page, and you will be able to proceed as described before.