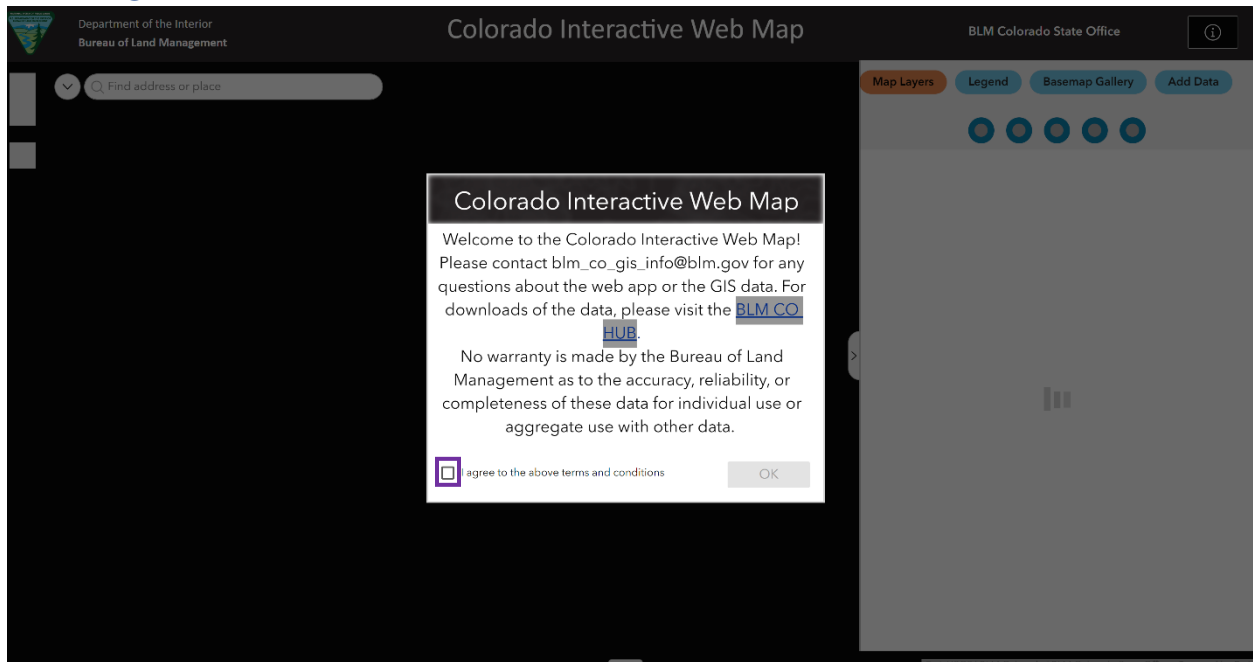# Exploring the Bureau of Land Management Colorado Interactive Map
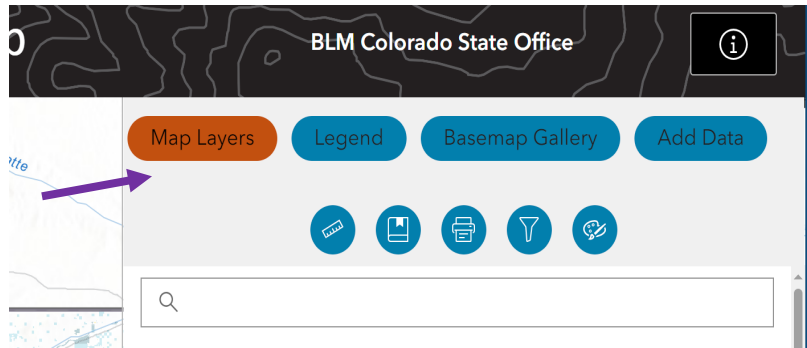
The BLM Colorado Interactive Map is a hub for viewing and interacting with various data including surface management agency, recreation opportunities, grazing allotments, and much more! This guide serves as a tool to make the most of this handy web application.

Getting Started

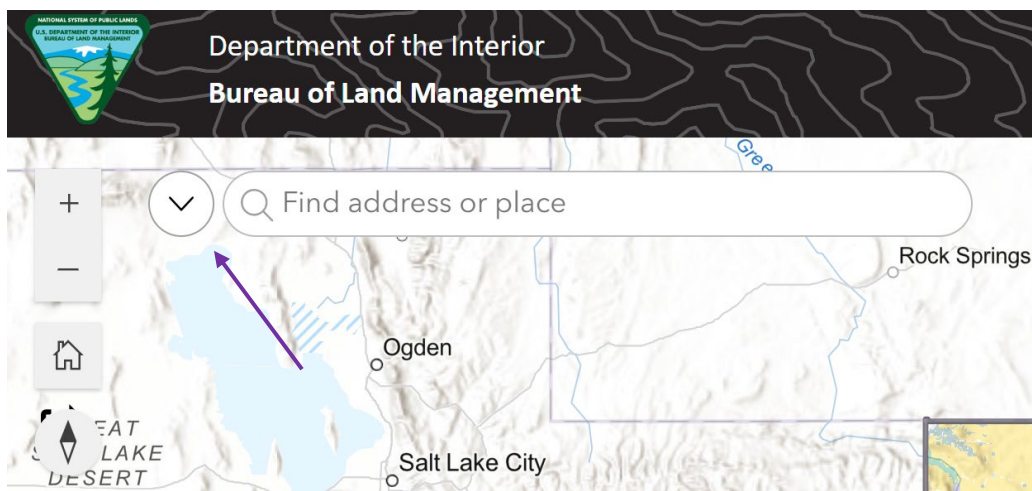Check the box on the first pop up to access the web application.

After loading, the map will automatically generate boundaries and surface management agency layers. It will also open with a right-hand side panel with button options and the layer list automatically open. There are a group of buttons at the top of the pane in blue and orange. When activated these buttons turn orange.

Each of the top row buttons turn on a different panel that displays below like the "Map Layer" (by default). The "Legend" opens a panel that displays the currently turned on layers and the color/symbology they are displayed with to help you understand the data. The "Basemap Gallery" button opens to a panel that displays different basemap options such as satellite imagery and many others for you to choose from; terrain with labels is the default basemap. The "Add Data" button allows you to add your own data to the map (discussed further down in the instructions).

The small circular buttons in the second row are widgets set with specific features. For a brief overview of these widgets, visit Widgets overview—ArcGIS Experience Builder | Documentation.

On the left-hand side of the map interface is a search bar that allows you to search for an address. Alternatively, you can click the arrow next to the search bar and see the different preset datasets you can search within. Verify that the layer you are searching in is turned on in the "Map Layers" panel.
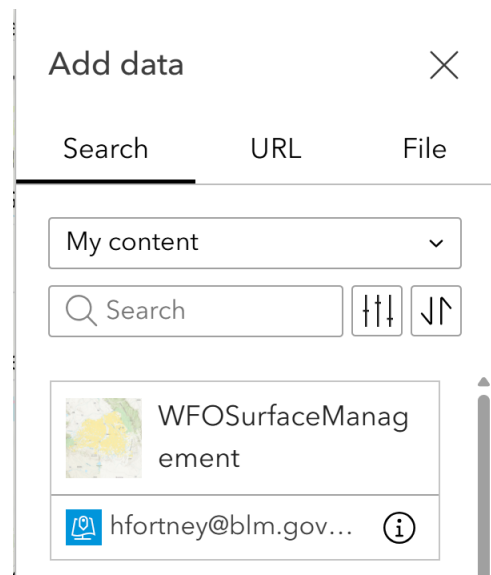

You can also use the plus and minus buttons to zoom in or out of the map. If you have a regular mouse, you can use the wheel to zoom in and out. If you have a laptop with a mouse pad you can use two fingers and drag them towards each other or away from each other to zoom in and out. The house button takes you to the default scale of the map. The compass tells you which direction is north on the map.

If you click on the BLM logo image in the top left corner it will take you to the BLM main website. If you click on the "BLM Colorado State Office" title it will take you to the BLM Colorado website.
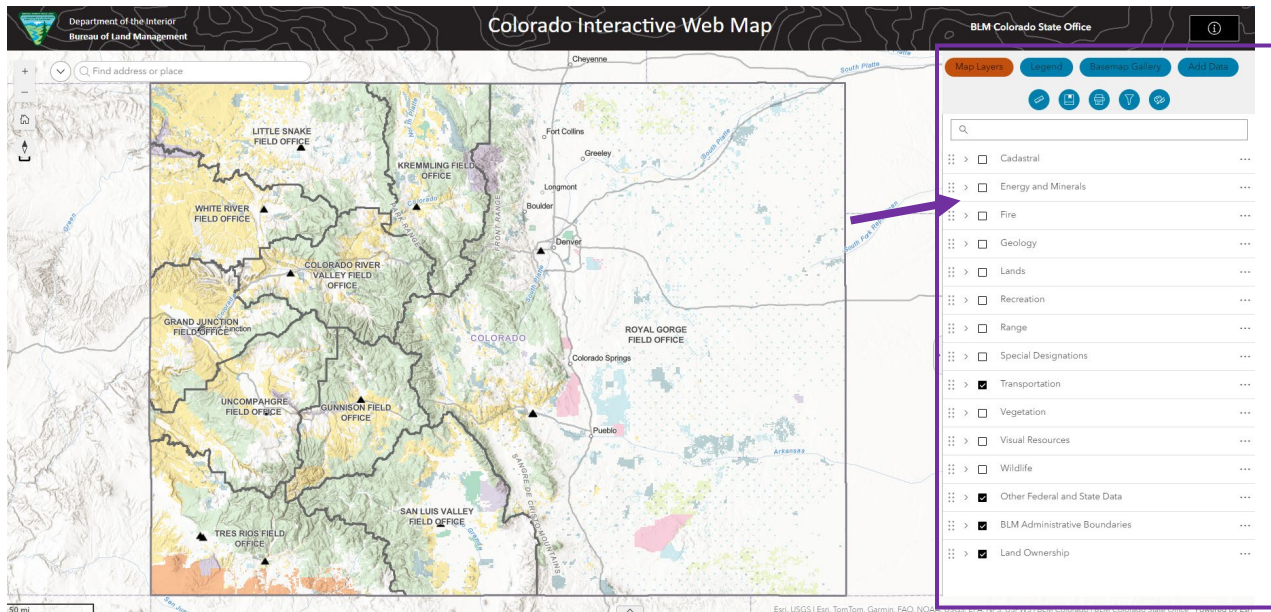
Add Data Button

If you want to add data from another source such as a REST end service or website URL, click the add data button. It takes you to the add data pane, in that pane click the black add data button. There are three options in the next window that opens to add data. You can search AGOL for data, add from file or add from a URL. For the AGOL add option search for what you want, select it from the list and then click done. For URL paste the URL to the data into the box then hit add. For add from file click the upload button, then navigate to the data (shapefiles must be zipped with the .shp, .shx, and .dbf; and max of 10 MB, KMLs must be 4000 records or 10 MB max) and click open, then click done once its finished uploading the data. The new data you added will display in the add data pane as a layer, automatically display in the map and zoom to it once you add it from one of the three sources.
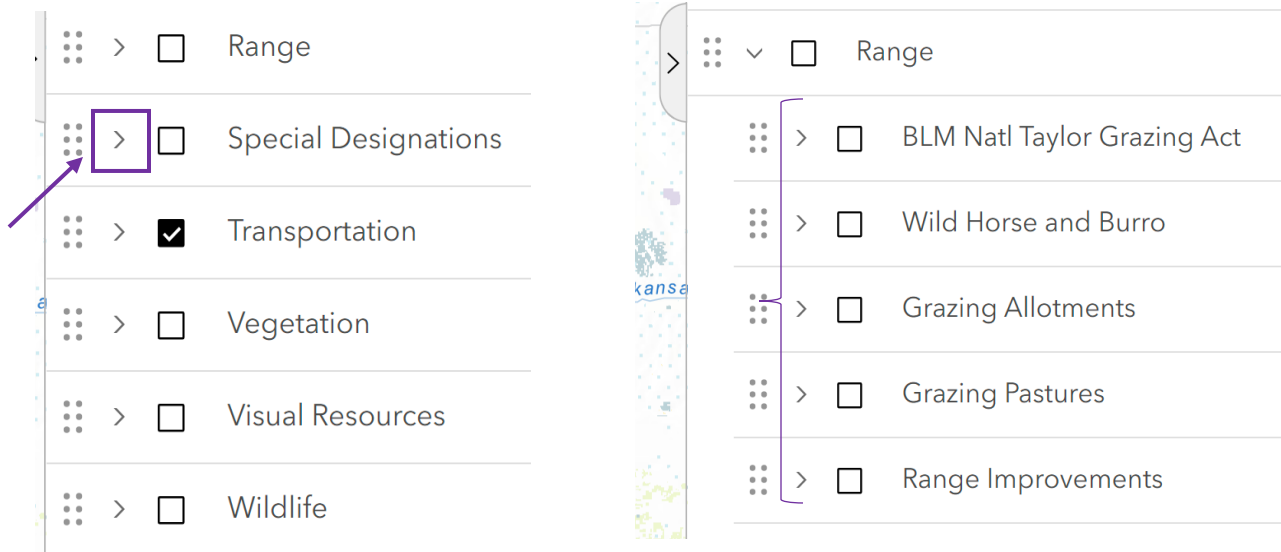
Map Layers

You can toggle any layer off and on by clicking on the box next to the corresponding layer. The layer is on when it displays as a black and white checkmark, and off when it displays as a white box.
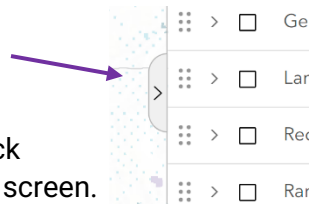
Layers are grouped by resource. Some layers have multiple datasets which can be accessed by clicking the gray arrowhead to the left of the layer toggle box.
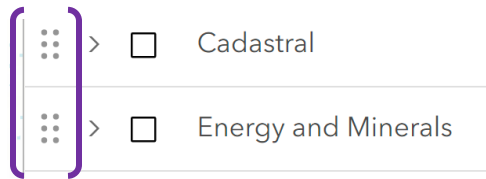

Make sure when turning layers on and off you open all the arrows to the left of the layer on/off box to make sure the layer is correctly turned on to be visible.
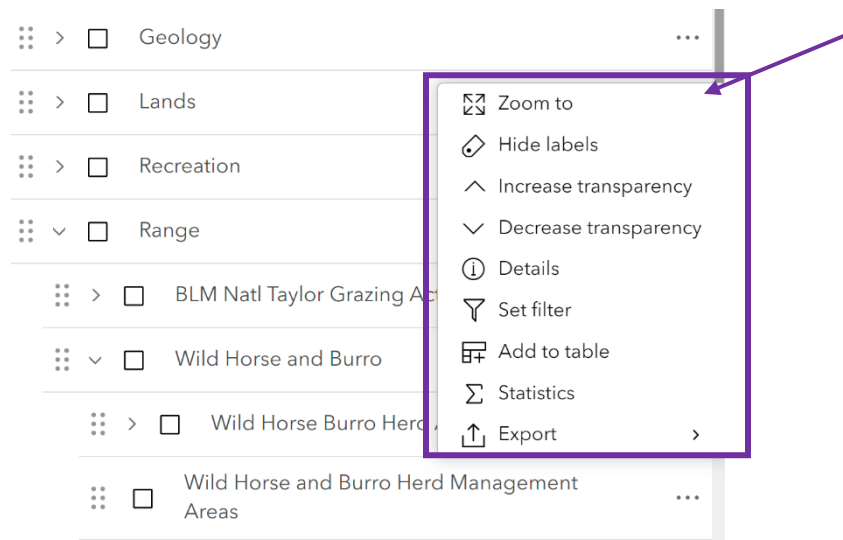
: If you want to have map available for viewing you can hide the right-hand pane by clicking the little grey right arrow in the middle left edge of the pane to collapse it. To open it back up just click it again on the right-hand side of the screen.

In the Map Layers you will see two different Icons at either end of each layer's row. The two rows of vertical three dots allow you to change the order of the layers, by clicking and dragging it to the location you want. Beware of doing this as it is set to be in the order it is set. If you drag a layer below another you may no longer be able to view it as the layer above is now hiding it.

The three horizontal dots open a menu for you with different things you can do to that layer which change as you open each layer up with its arrow.

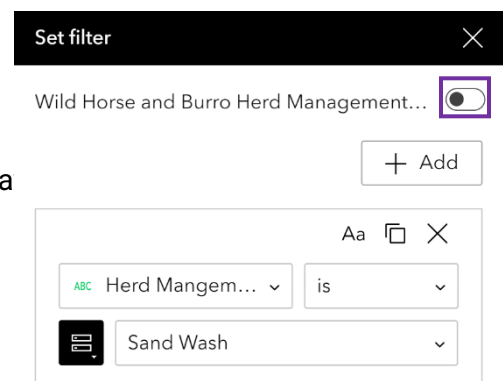The zoom to zooms you to the layer, if the layer is a large statewide layer it won't zoom in very far.

The Hide Labels option hides the labels for the layer if it has any. Note some layers have labels that only draw at a certain scale (zoomed in closer).

Increase and decrease transparency will make the layers symbology more transparent or not. This allows you to see things under the layer.
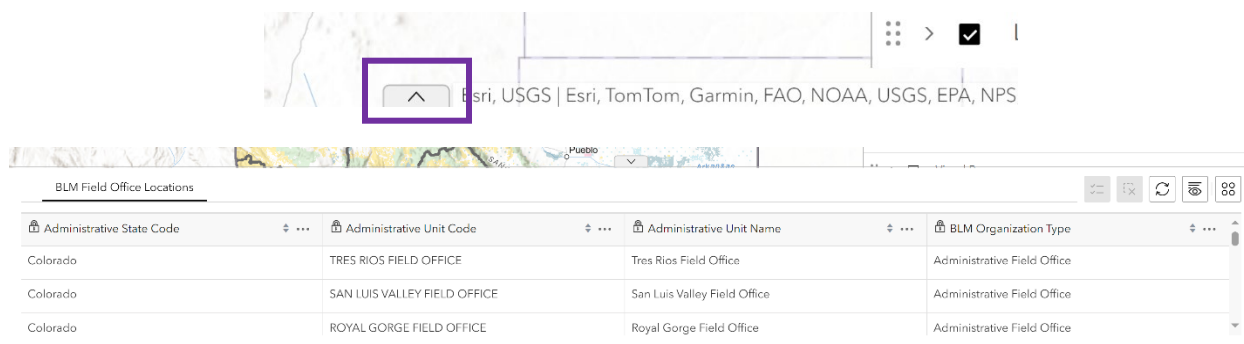
The Details option gives you all the metadata (specific information on the data) on a different web page.

The Set Filter option allows you to filter the layer by its attributes. When you click it you will get a window that pops up with the option to add a clause or clause set (multiple attributes filtered). Make sure to toggle on the filter by clicking the black dot in the toggle in the top right corner of the filter box. If you want to turn your filter off just toggle that back off. If the background is white like in the photo below your filter is off, if it is black your filter is on. Select clause if you only have one thing you want to filter. Then choose the attribute you want in the first box, in the second one you can choose how it will filter. Then the third box you choose unique (the black box with two stacked rectangles. In the last box choose the feature.

For example: This filter is on the Wild Horse and Burro Management areas. The filter is set to attribute: Herd Management Area Name; "is"; "unique"; Sand wash. In the map only the "Sand Wash" Herd Management Area will displa
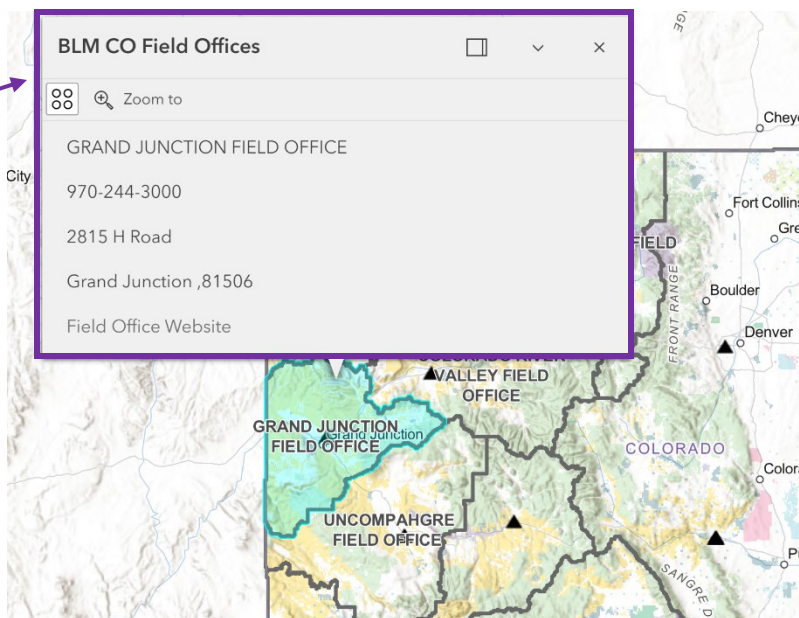
The Add to Table option will add the layers attribute table to the apps bottom table. To bring this up just click on the grey tab at the bottom middle of the screen with the up arrow and the table will pop up. You can add any layer's table to this area.

If you hover over the top line of the tables box you will get a different cursor icon that allows you to drag the table up and make it larger to see more records.

The export allows you to export the data into a file that you can use elsewhere. The data only exports into JSON, CSV, and GeoJSON so make sure you have software that works with those file types or know and have the ability to convert them. You can also download any of this data from the BLM HUB website at this link [Colorado | BLM GBP Hub](#).

Within the map you can click on a feature and a pop-up with appear that gives you information based on the layers attribute table for that feature. The pop-ups can display information for multiple layers based on where you click if multiple layers are turned on and overlap in that area.
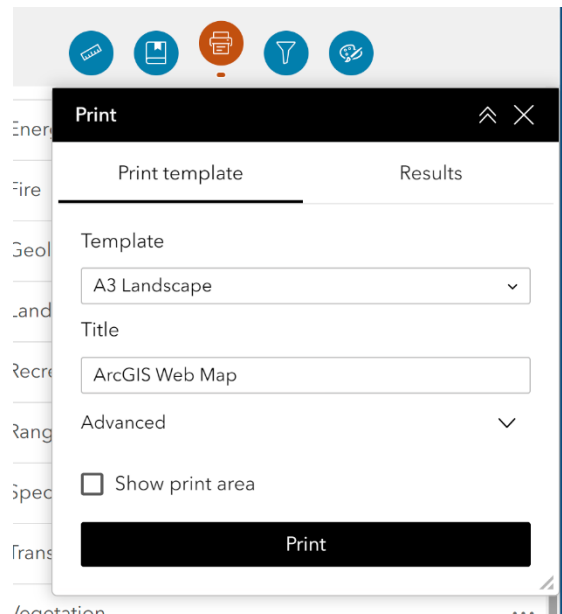

Printing

In the web app there is a print widget located in the middle of the row of small circle icons in the top right of the right-hand side panel. This allows you to print a map based on the view of the map you have manipulated.

You can choose a size and customize the title of the map. Under the advanced settings you can scroll through more options to add or customize on your map such as scale, add author, add scale bar or north arrow, etc. When you finish click the print button and you will begin to see a circle with a bar that goes around next to the results tab telling you its working on making your map. Click on the results tab to view and print your map or choose to reconfigure the settings if you're not happy with what was done. The results tab saves all the maps you have created during the time you are using the app.

This guide is not inclusive of all features included in the BLM Colorado Interactive Map and serves as a simple introduction into the commonly used features of this web browser tool.

For any remaining questions about the BLM Colorado Interactive Map, email your inquiries at **blm_co_gis_info@blm.gov.**