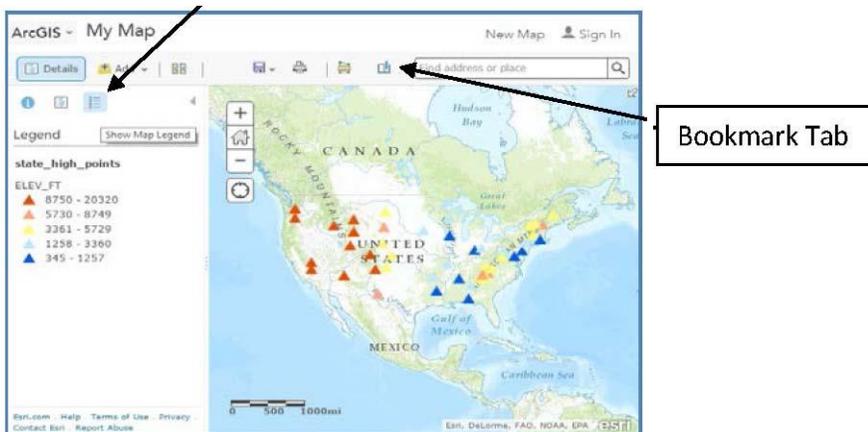


## Creating an ArcGIS Web Map<sup>1</sup>

<sup>1</sup> Adapted from materials originally created by Dr. Joseph Kerski, Education Manager, Esri, [jkerski@esri.com](mailto:jkerski@esri.com)

1. Open a web browser and go to [www.arcgis.com](http://www.arcgis.com).
2. Sign In or “Create a public account”
3. Select MAP.
4. Click on the Add button, then scroll to and click on “search for layers.” In the “Find” box, type the following exactly: state high points owner:jkerski. When found, click add on the layer of data. After the layer has been added, select Done Adding Layers.
5. Click on the Show Map Legend icon to observe the patterns.



6. Why are all of the high points in the Great Plains states on the western sides of those states? Do any high point locations surprise you?
7. Use the zoom tool in the upper left hand corner of the map to zoom to a desired location (How about the Guadalupe Mountains?).
8. Click on the Bookmark tab at the top of the map. Click add bookmark, then type the name and press enter. Close the pop-up box by clicking on the X in the right hand corner. Zoom to the 48 contiguous USA states. Create another bookmark. Zoom to the 50 USA states. Create another bookmark. How do bookmarks provide one way of telling stories with maps?
9. Save your map as High Points USA <your initials>. As you are always a good metadata steward, provide tags, and a summary.
10. To make sure the map saved, place the cursor on the drop down arrow next to ArcGIS in the upper left hand corner of the screen. Scroll to and then click on “my content” – the map should appear in the contents.
11. Select “open” and “open in map viewer”

***Congratulations you just made a web map!***

## Creating an ArcGIS Web Map APP

A web map, which is what you published above, uses the default ArcGIS Online tools and interface. A web app is an application that uses a specific template so that your end user will have a specific experience with your map, seeing the tools and appearance that you specify. Share the web map you created as a web application, or web app, as follows.

1. From the "My Content" menu, click the title of your map. A preview/metadata page opens.
2. Click "Open" and select "Open in Map Viewer."
3. Click SHARE. Check "everyone." Note the "Link to this map" URL. This is the URL to your webmap.
4. Click "Create a Web App."
5. From the "What do you want to do?" menu select "Showcase a Map."
6. Select "Basic Viewer" and click "Create App."
7. Specify a title, tags, a summary, and saving location for the new web app.
  - a. Title: Enter a descriptive title. (For example: State High Points USA < your initials>).
  - b. Tags: Enter appropriate keyword search terms.
  - c. Summary: Enter a brief description of your map.
  - d. Save in Folder: By default, the map will be saved in a <username> folder.
  - e. Make sure the "Share with app in the same way as the map (Everyone)" box is checked.
  - f. Click "Done."
8. A new "Configure Web App" window will open. You can now configure your web map app as you wish.
  - a. Click on the General tab and provide a short description of your map. Note that you can add images and hyperlinks.
  - b. Click on the Theme tab to Change the color theme, title color, and/or icon color as necessary.
  - c. Save your changes as you work. Changes will be reflected in the "preview" on the left. When you are finished click "Save" and then click "Done".
  - d. Check the "Splash Screen" box. Type a short greeting for your map viewer. This message will greet map viewers when they open the map.
  - e. Edit the list of available tools by checking/unchecking each tool box.
  - f. Click Save.
9. The web map app now appears under "my content."
10. Select the webmap app and Click on "Edit." In the window that opens you can add metadata – information about the map. The more complete your metadata the happier your map viewers will be. Add: 1) a brief description, 2) access and use constraints (e.g. "For educational purposes only."), 3) credits, and check the box for delete protection. Click "Save."
11. Click "open" and select "view application." Your web map app will open in a new browser window.

***Congratulations you just made a web map app!***

***BONUS:*** Share your web map app URL via your favorite social media. 😊