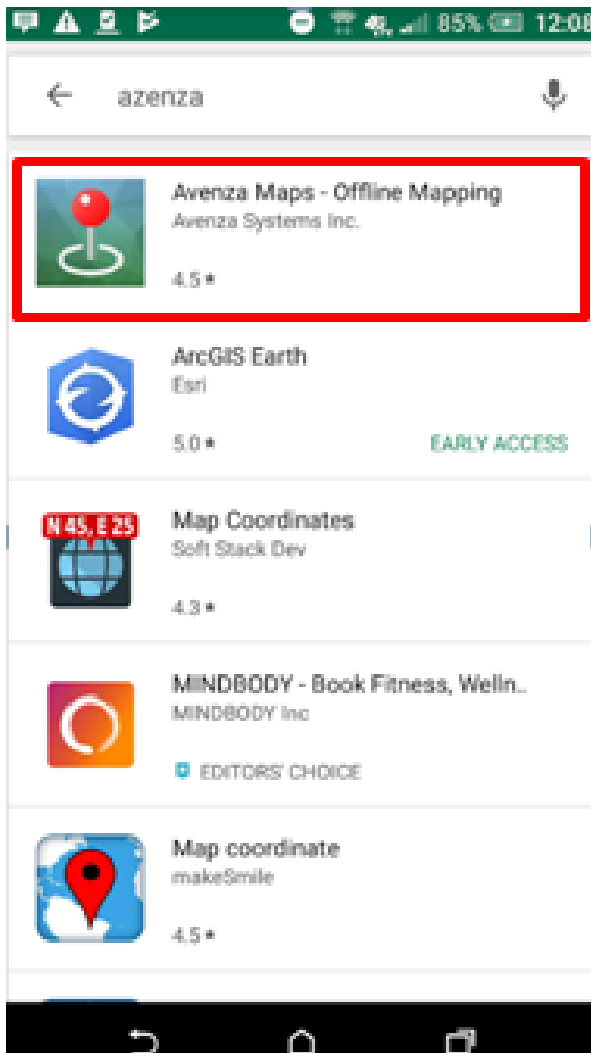
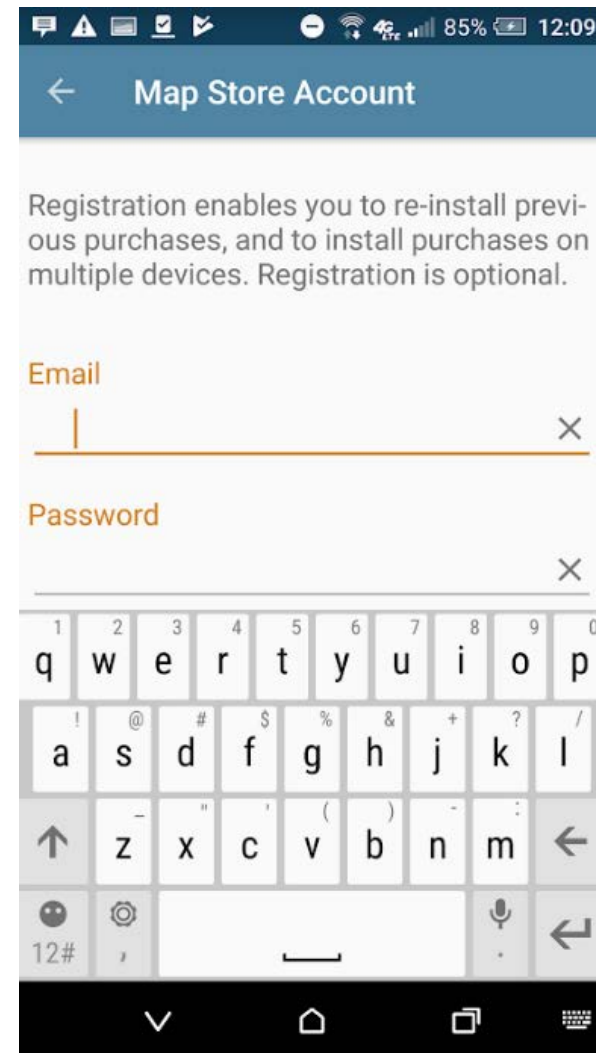


How to use the Colville Depth Map on your cellphone

Step 1: Download “Avenza Maps” at the app store.



Step 2: Login or create a new account in Avenza.



Step 3: Once logged in, let the app access your location.

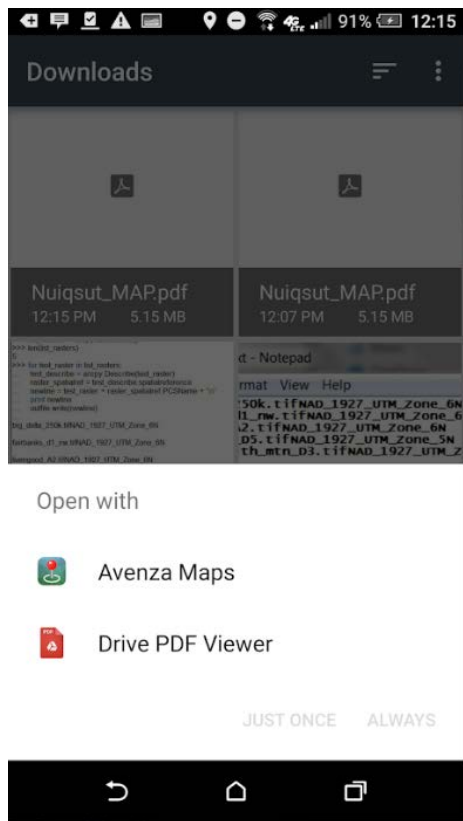
Step 4: In a browser, download the Colville Bathymetry Map image from the Alaska EPSCoR website at <https://www.alaska.edu/files/epscor/pdfs/Colville-depth-map.pdf>. It's a bit difficult to find so you're better off typing in <http://tinyurl.com/y2525eg5>.

Step 5: Find **Colville-depth-map.pdf** in your Downloads folder and open it with Avenza Maps.

The map should now appear on your phone. When you physically enter the area of the map with the phone, your location will appear as a blue dot.

Please note: The map is derived from satellite imagery acquired on July 14th, 2017. This map identifies potential shallow sites (< 1 meter depth) along the main channel of the river. However, the Colville water level changes quite a bit throughout the summer and the user should keep that in mind while using this map for navigation.

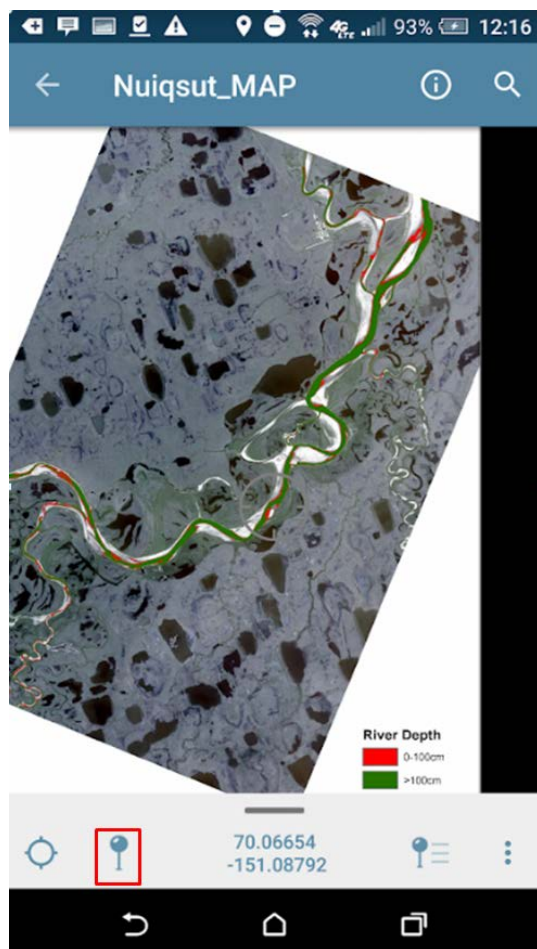
We hope to continue to update and improve the map. See below for instructions on how you can collect your own depth data and send it to us.



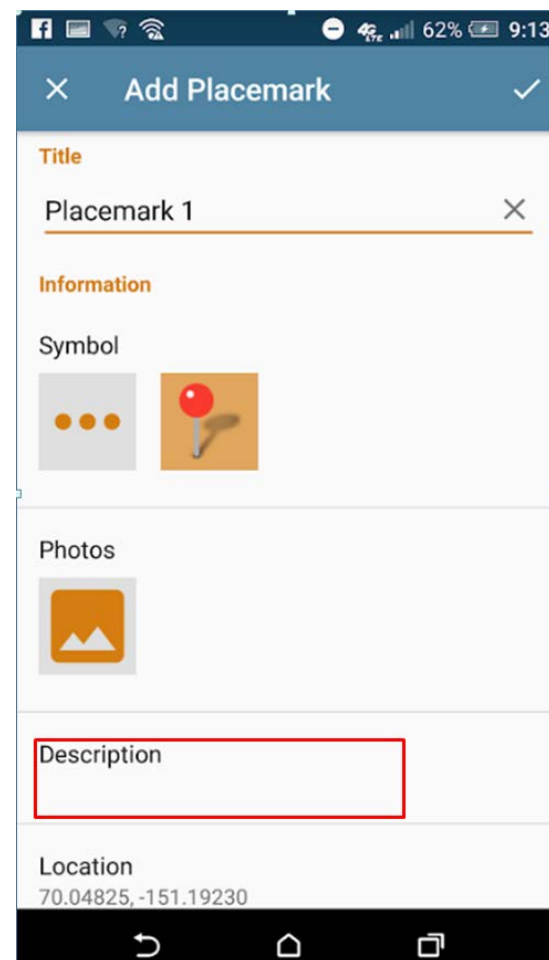
How to collect new data in Avenza Maps

Step 6: To record water depth points:

6a. While at a spot on the map, measure the water depth. Then click on the place marker at the bottom left.

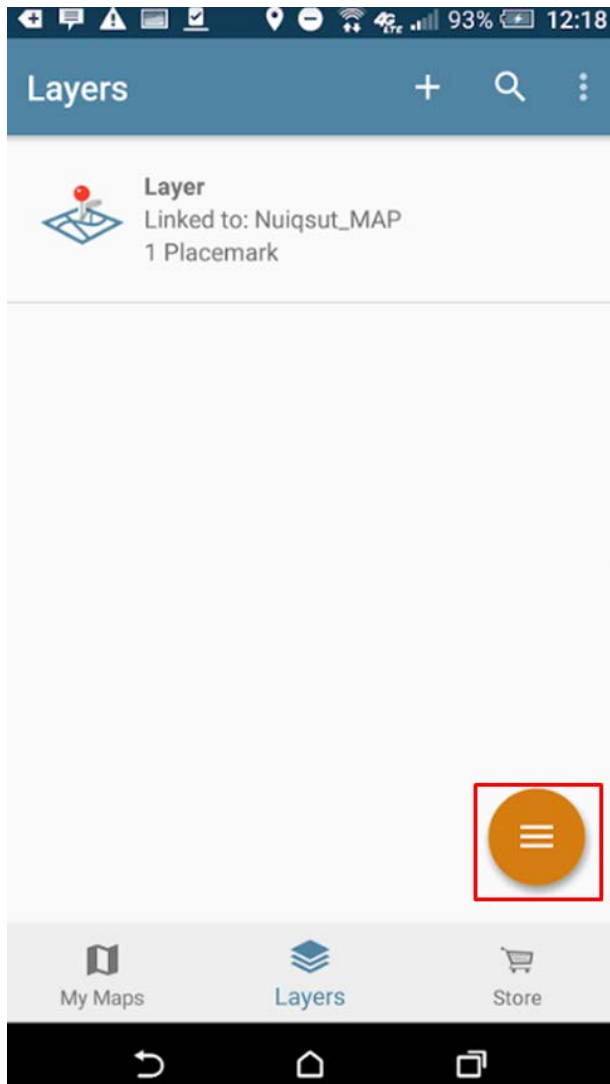


6b. In the "Description" box, enter the river depth in centimeters.



Step 7: To export and share water depth points:

7a. In the “Layers” tab, click the orange circle icon.



7b. Select “Export Layers” and send the new layer file to Email. Email it to Santosh Panda at skpanda@alaska.edu.

