RWSA Collector App Basics

How to setup the app on the RWSA’s Motorola Droid Turbo II for Android phones

Explanation of app features

Benjamin Fricke, GISP | GIS Coordinator | RWSA | 434-906-0152 cell | 434-977-2970 x164 office | bfricke@rivanna.org | www.rivannagis.org
App Gallery button

Tap the app gallery icon to open the app gallery.
Google Play Store

Scroll over to the Play Store app
Open the Play Store app
Collector for ArcGIS

Type “Collector” into the search pane at the top.

Collector for ArcGIS should be near the top of the search results.

Tap it to open the details page.
Install the Collector App

Tap the install icon to begin

Accept the Google Play requirements
Download and Open the App

The install meter displays the install progress and will be at 100% when finished.

Open the app
The ArcGIS Collector App Icon Locations

You can also open the app from the App Gallery

The app icon will also be automatically added to your phone’s home screen
Collector Sign In Screen

Tap the Continue button
Sign In to ArcGIS Online Account

When you first open the app, you will be required to sign-in to the organization’s ArcGIS Online Account.

(You will only have to do this once)

Enter the username and password given to you by the RWSA GIS Coordinator

Tap the Sign In button

Problems? Contact Ben Fricke
bfricke@Rivanna.org
434-906-0152 cell
434-977-2970 x164 desk
RWSA’s Collector Homepage

Tap the All Maps option
Choose a map from the RWSA Collector Map Gallery

Most people will want to use the RWSA Collector map.

The button icon with three vertical dots at the bottom right. This opens options for the map gallery page.

- **Refresh** – Refreshes the maps and data
- **My Organization** – View information about the RWSA
- **Settings** – Change app options (recommended to keep defaults)
- **Manage** – Manage downloaded content like basemaps and edits.
- **Switch account** – Change ArcGIS Online account or logout.

Other maps are for specific projects or types of work. You may not have permission to view them.
Location Accuracy Improvement

The first time you use the app, you may be asked if you would like to improve the phone’s GPS accuracy or change the phone setting to improve the GPS.

Agree to this option (or choose Settings).
Phone Location Accuracy Settings

Tap **Mode**

In the next window tap the **High Accuracy** button

Next tap the back arrow buttons until you back at the Collector map screen
RWSA Data Access
Sign In

You will need to provide your individual **username** and **password** to view the secured data services on the map.

*This is different from the one-time ArcGIS Online username and password entry previously completed.*

The GIS Coordinator will provide you with a data access username and password if needed. This is the same login as the RWSA Web GIS Viewer.
Map Tools

The map will open centered on the approximate GPS location of your phone.

A. GPS

B. Search Tool

C. Bookmark Tool – Allows you to save a map extent/view. Useful if you need to constantly reference an area or location.

D. Three vertical dots icon – Map options
GPS Tool

Tap the GPS icon to display your location on the map.

Tap it again to have the map centered on your location.

When the icon is empty/blank inside, the GPS function is off in the app.

*The smaller the ring around your location, the better your GPS signal. GPS accuracy can improve if you stay at a location longer.*
Search Tool

The search tool will open a search line for you to enter text like an address. When complete tap the green Search button on the keypad.

The map will pan/zoom to that location, placing a pin there.

Tap the small black arrow next to the address and you will have options like driving directions.

Press “X” to close the search results. Tap the GPS icon to re-center map to your location.
RWSA Collector
Map Tools & Options

The **3 vertical dots** button will display viewing options.

**Measure** – This will allow you to see approximate map distance measurements.

**Basemap** – this allows you to switch map backgrounds.

**Layers** – This displays a list of available feature and aerial imagery layers for display.
Measurement Tool

The measurement tool display has a few features.

At the top, the distance measured on screen is shown.

To measure - Tap anywhere on the map for a measure start point. Tap another location to have a distance line drawn.

Tap the Person with crosshairs icon to measure from your location.

The sideways U arrow is Undo.

The 3 vertical dots icon allows you to delete and start over.

When finished, the Back arrow at the top left will take you back to the regular map screen.
Basemaps Gallery Option

Here you can scroll to choose a different basemap background like topo, a street map, or imagery.

Take a minute to figure out which one you prefer.
Layer List Option

This displays available feature and image layers to display.

Check a box to turn on the layer.

*Remember* that having too many unneeded layers displayed can slow the app’s performance when in the field on a cellular connection.
Feature Layer Details

To see more information about a map feature, you can tap the screen on the location.

A small window will open at the bottom of the screen. This displays the feature name/ID.

Swipe to the left or right in the window if more than one feature was selected.

OR

Tap the three bullet lines icon which will open a window list of the selected features.

Tap the small **black triangle** to see options and feature attribute details.
Attribute Details

The details window displays the feature attribute information.

Tap the check box to close and return to the map screen.
Questions?

Please contact Ben Fricke with questions or for technical support using the RWSA Collector app.

434-977-2970 x164

434-906-0152 c

bfricke@rivanna.org