Instructions and File Links for Installing My Maps in ORUX

BobT, June 2023

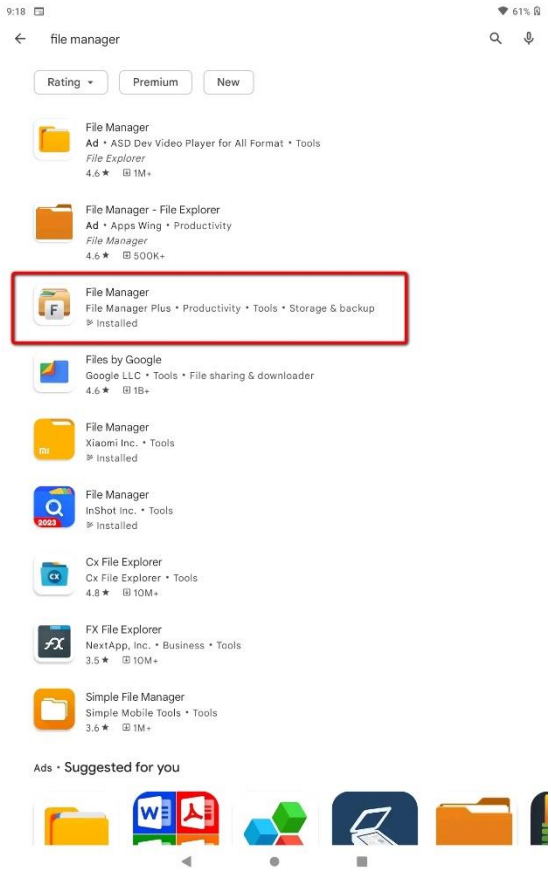
This map or any of its tracks may not be sold, crowd sourced, sold as part of a collection, etc. It may only be distributed for free. I put too much work into it. By downloading these maps you are agreeing to this.

This is a lengthy document since I have tried to go into great detail with screenshots.
All that is required is to copy the ".img" map file for the map you want to download into the "mapfiles" folder of Oruxmaps on your tablet.** The "**.img" file is the map picture you see. Knowledgeable users will hardly need these instructions.

My Orux maps use the Vector Image that I create for Garmin. The only advantage that my Orux maps have over BCN is that it can display dashed tracks, filled polygons, and you can have an uncluttered white background which some people like. My Orux maps are more difficult to add a background map to than BCN, and BCN has many more background map options and much nicer wpt icons.

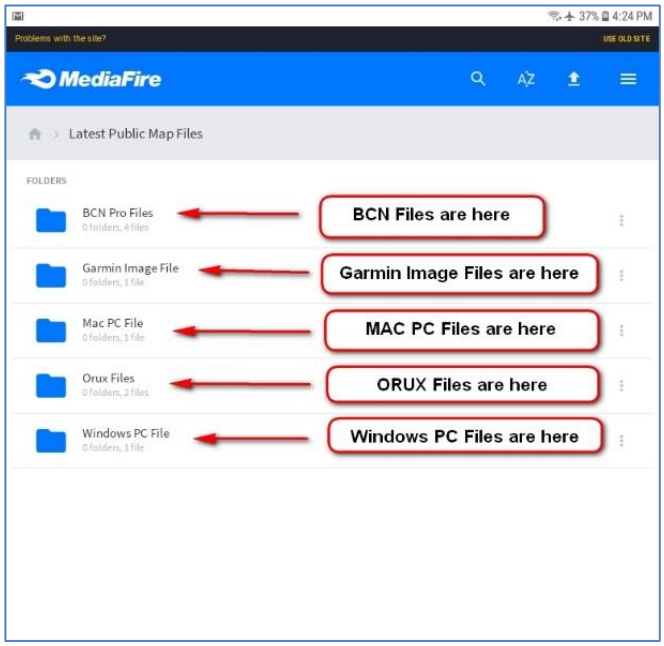
Get Orux App here
https://play.google.com/store/apps/details?id=com.orux.oruxmapsDonate&hl=en

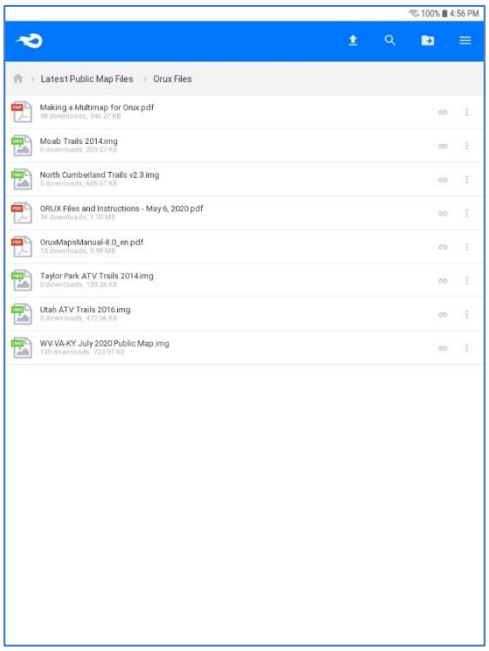
Get Android File Manager Plus App from the Play Store on your Tablet. (Not needed for Option 1 below)

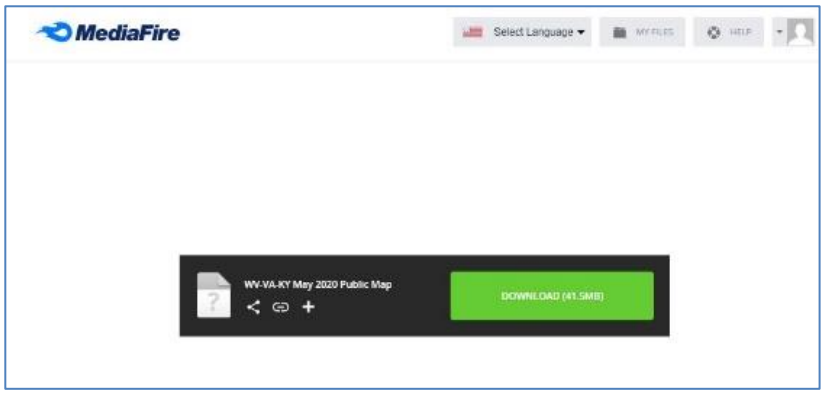


Get Orux Map Files Here (Click on "Orux Map Files" Folder)

http://www.mediafire.com/folder/j8mra577regbm/Latest%20Public%20Map%20Files







If you pick multiple maps they will be zipped together and you will have to unzip/extract them on your PC, Orux does not read zipped files. You can download them separately and they will not be zipped.

SPECIAL INSTRUCTIONS FOR DEVICES WITH ANDROID 11 OR LATER

Android changed permissions with the release of version 11 that impacts what Apps can access BCN and Orux files.

Android 11 prohibits most Android File Manager's from accessing the new BCN "Data" folder and Orux "MapFiles" folder.

How to check Android Version. Go to "settings/about/software information" or "settings/about".

Installation Option 1 Android 11 or later using PC (easiest)

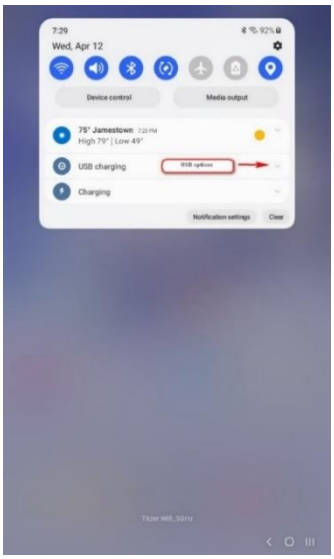
I **highly recommend** connecting your tablet to your PC and using Windows File Explorer to move the map file to your tablet. I assume Mac PC's have a similar File Explore program. This method only takes about 1-2 minutes. By using your PC you are by-passing Android restrictions. Your Tablet will look like a Memory Stick to your PC. There are instructions on using a "File Manager" App on your Tablet at the end of this document.

First turn on your Tablet. Then plug your Tablet into your PC. You should then see the screen below on your PC, if you do not see your Tablet you may have a charging only cable (I have seen this once), if so get a different cable.

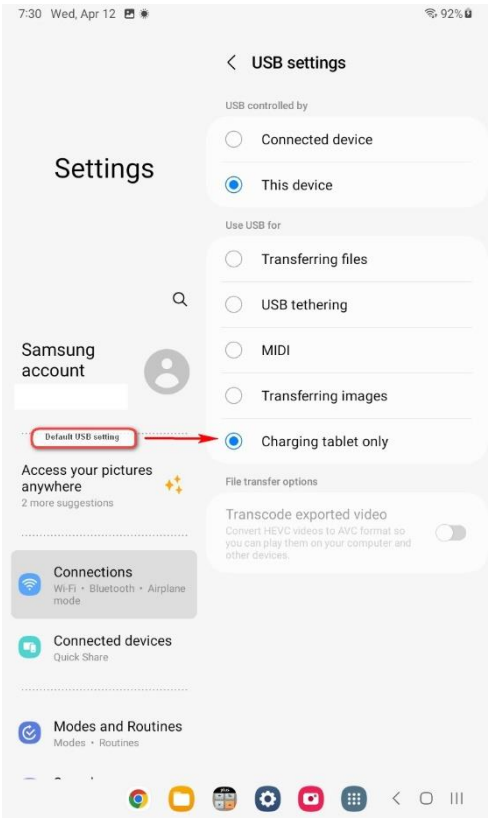


Tablet shows up on PC

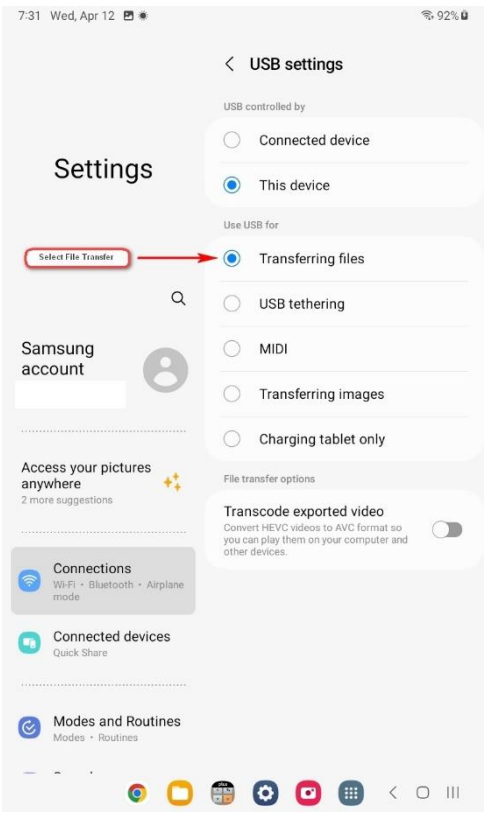
When you see this screen go to your Tablet and swipe down from the top. You should then see the screen below. Click on USB charging and this will bring up your USB Options



The screenshot on the left shows the USB options. The screenshot on the right shows selecting “Transferring Files” which is what you want to do.

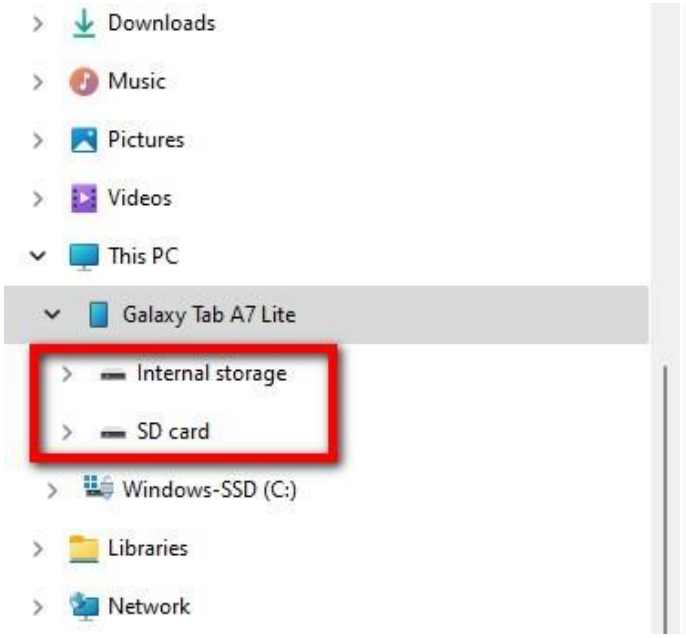


Tablet USB Options



USB Option "Transferring Files" selected

After selecting “Transferring Files” you will now see the screen below on your PC’s File Explorer. From now on you will only use your PC and not your Tablet.



PC Screen showing Tablet Internal Storage and SD card if you have one

The next step is to find the map file and copy it. If you downloaded the map file to your Tablet, it will be in your Tablet's "Download" folder. If you downloaded the map file to your PC it will be in your PC's "Download" folder unless you chose a different folder.

The final step is to use your PC (not Tablet) and navigate to which ever "Download" folder you downloaded the map file to (PC or Tablet). Copy the map file (right click on it and select "copy" or press "ctrl-c). Now using your PC navigate to the proper folder path on your Tablet listed below and "Paste" the map file into it. (right click on it and select "paste" or press "ctrl-v)

Below are the locations of where the Orux map files need to be copied to on your Tablet.

Path to location of Orux "mapfiles" folder where you copy Orux maps to is below.

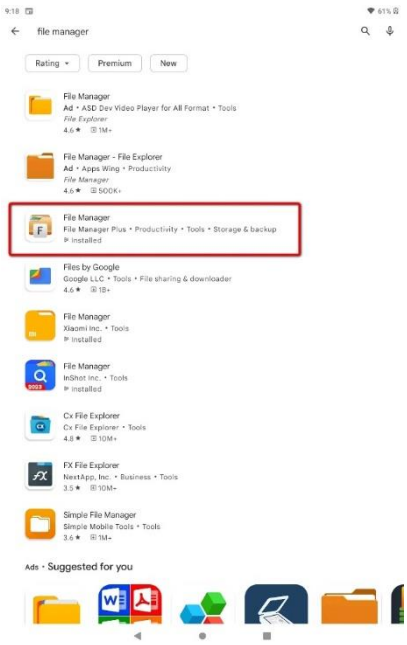
Android\data\com.orux.oruxmapsDonate\files\oruxmaps\mapfiles

If you do not have a "mapfiles" folder then most likely you installed Orux before your Tablet updated to Android 11. See the section below on updating map with Android 10 or earlier.

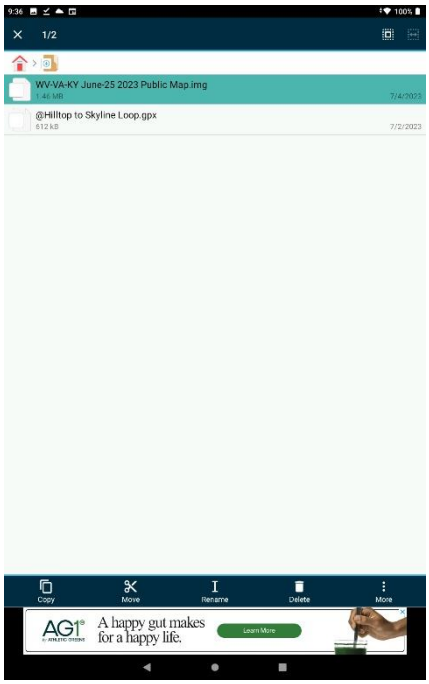
Installation Option 2 Android 11 or later using Tablet only

Using “File Manager Plus” App on your Tablet to Install Maps

Download “File Manager Plus” from the Playstore. This File Manager will let you get around the Android 11 restrictions.



When you downloaded the map file from MediaFire it most likely downloaded into your “Download” folder. Using “File Manager Plus” copy it and navigate to the correct App map folder per paths shown below. Then paste it in the “mapfiles” folder.



When using “File Manager Plus” the first time you will see “**Use this folder**” and/or “**Allow**” on or at the bottom of several screens. When you see it, Click/Tap on it. By doing so you are giving the File Manager permission to override Android restrictions. You only have to do this the first time, you won’t have to do it the next time you update a map. This can be frustrating and take several attempts until you figure out what to click/tap on. If you lose the paste option at the bottom you have done something wrong.

Below are the locations of where the Orux map files need to be copied to on your Tablet.

Path to location of Orux “mapfiles” folder where you copy Orux maps to is below.

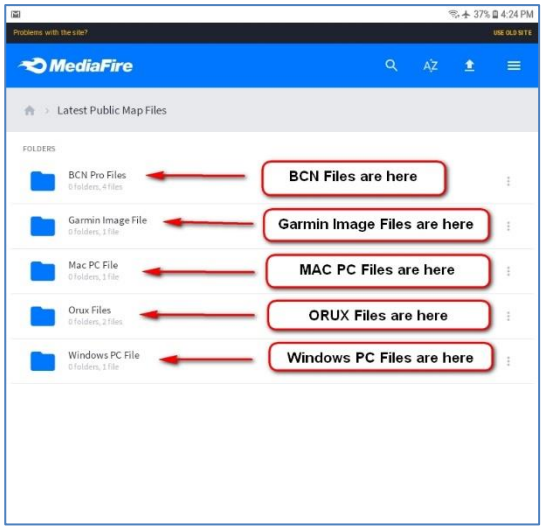
Android\data\com.orux.oruxmapsDonate\files\oruxmaps\mapfiles

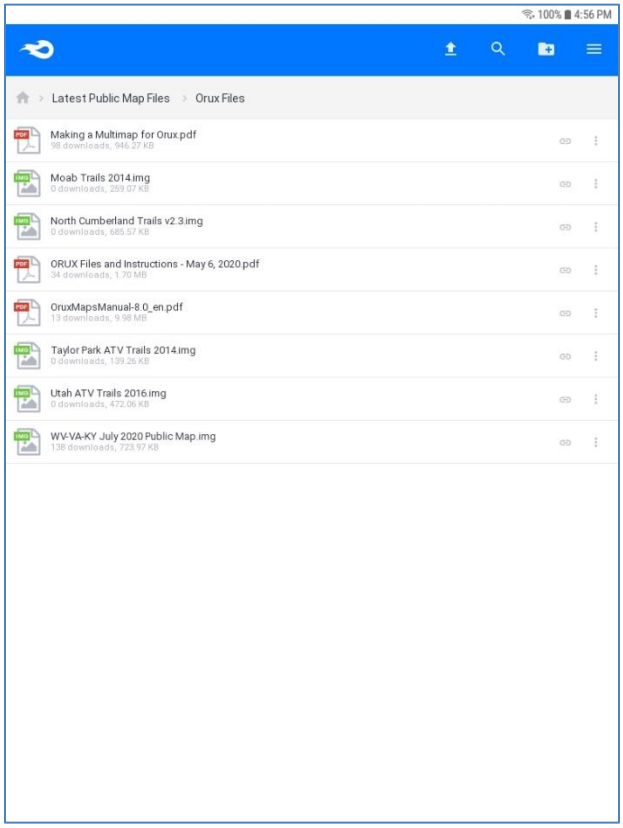
Installation Android 10 or earlier using Tablet only (canalso be done using PC)

Get Orux Map Files Here (Click on “Orux Map Files” Folder)

http://www.mediafire.com/folder/j8mra577regbm/Latest%20Public%20Map%20Files

From your Tablet when you go to the link “**Get Orux Map Files Here”** above you will see the screen below. Click on “Orux Files” and it will bring up the screen below. Check the box for the “.img” file for each map you want to download and then click on “Download” at the top of the screen and you will see the download screen, Click the green box. The files should be downloaded to the “Download” folder on your Tablet. If you pick multiple maps they will be zipped together and you will have to unzip/extract them on your Tablet, Orux does not read zipped files. You can download them separately and they will not be zipped.





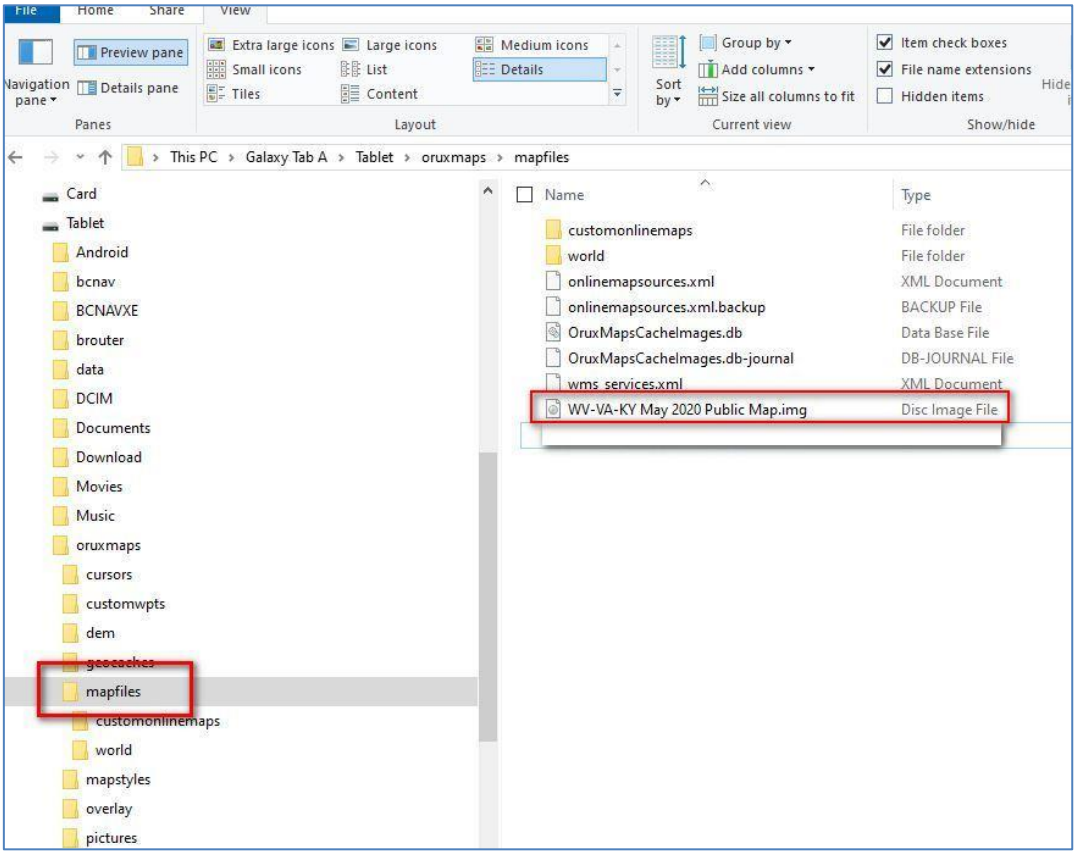
The map installation is very simple, all you have to do is copy the map files from the downloaded “Orux Files” that you have previously downloaded to your Android device and move it to the correct OruxMap folder. You will use a File Manager App (FM) to copy and paste this file. You can also use FM to just move the file.

Now arrow back or navigate to the “oruxmap” folder on your device. It will either be under “Device” or “SD “Card”. Click on the “oruxmap” folder to open it. Notice that you should still have the “Paste” option at the bottom. See screenshot below.

Now click the “mapfiles” folder to open it.

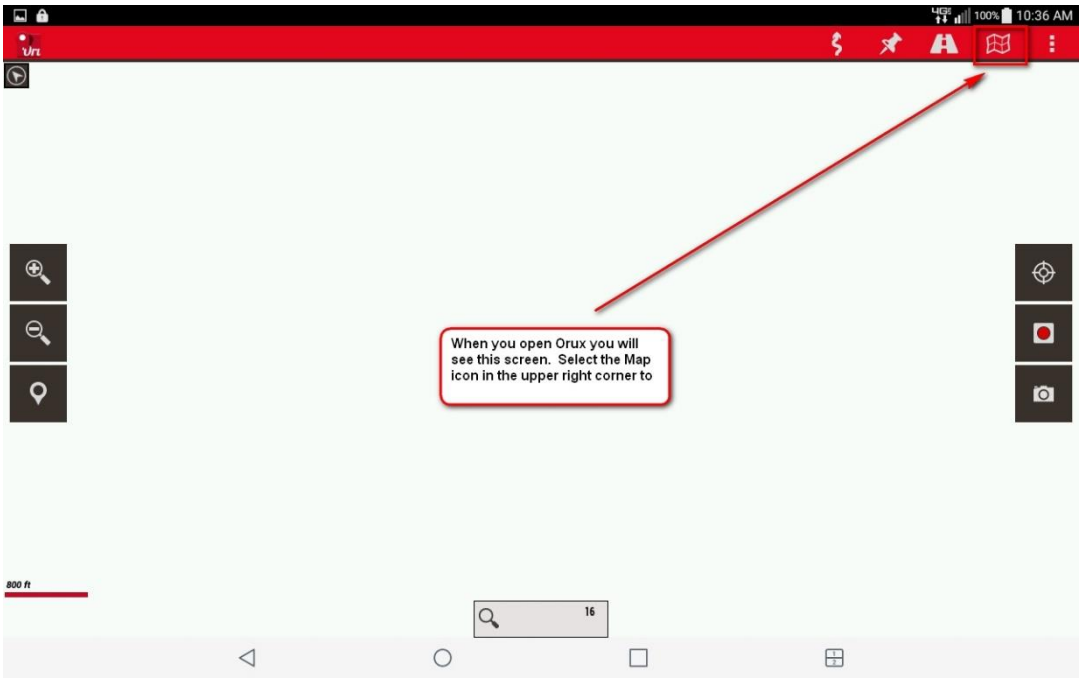
Paste or drop your map files in the “mapfiles” folder.

You have now installed the map. Later in this document I explain how to open the map and adjust settings.

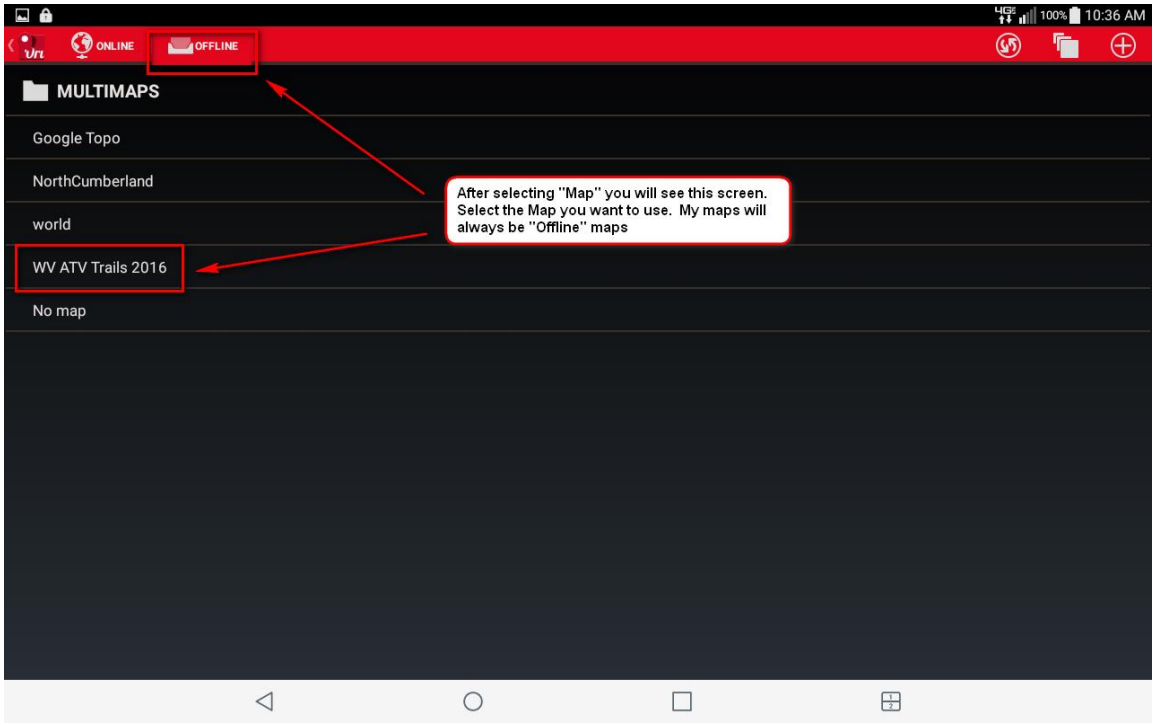


Opening the map in Orux.

Open Orux and press the “Map” icon at the top right. See below. Then press “Switch Map”.

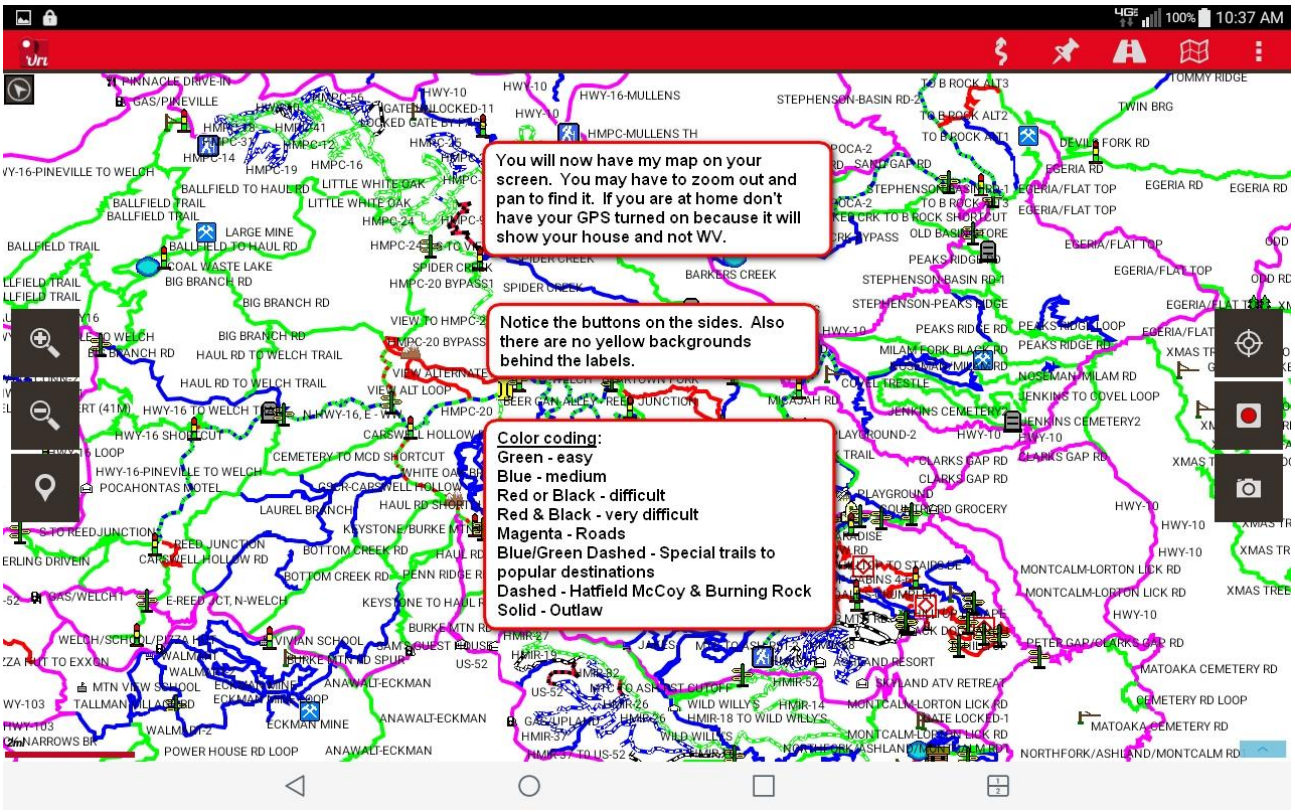


Select “Offline”. My map is an offline map meaning you do not need cell service. Select the map you want to use.



Your screen should now have the map showing. You may have to zoom out or pan to WV for it to show. If you have the GPS turned on it will show you at your house and not in WV.

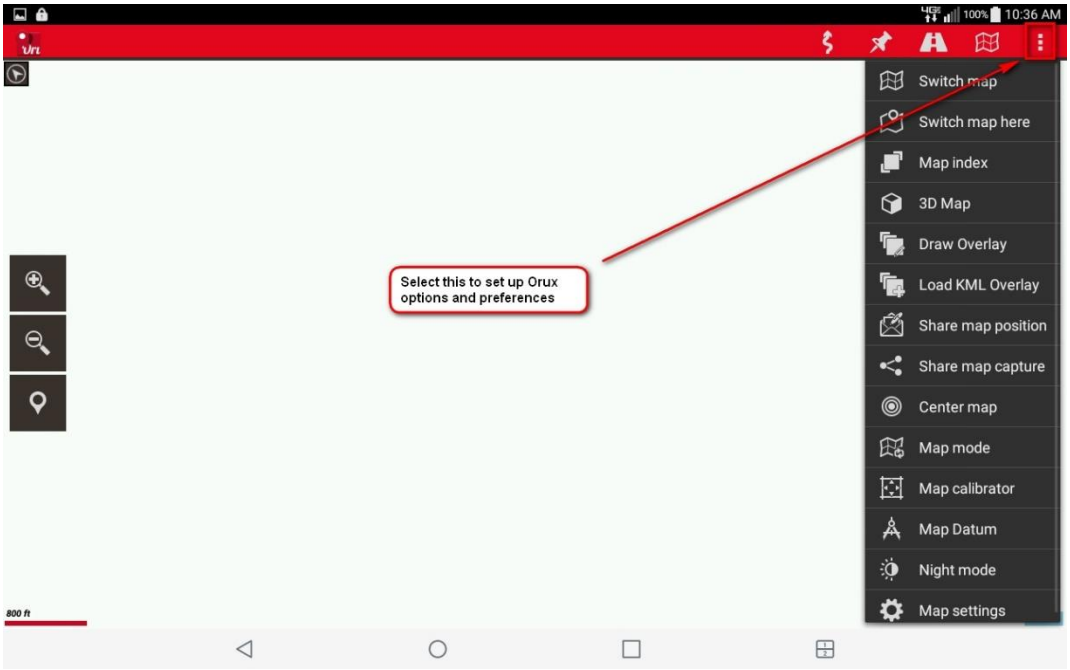
The color scheme is listed on the screenshot below.



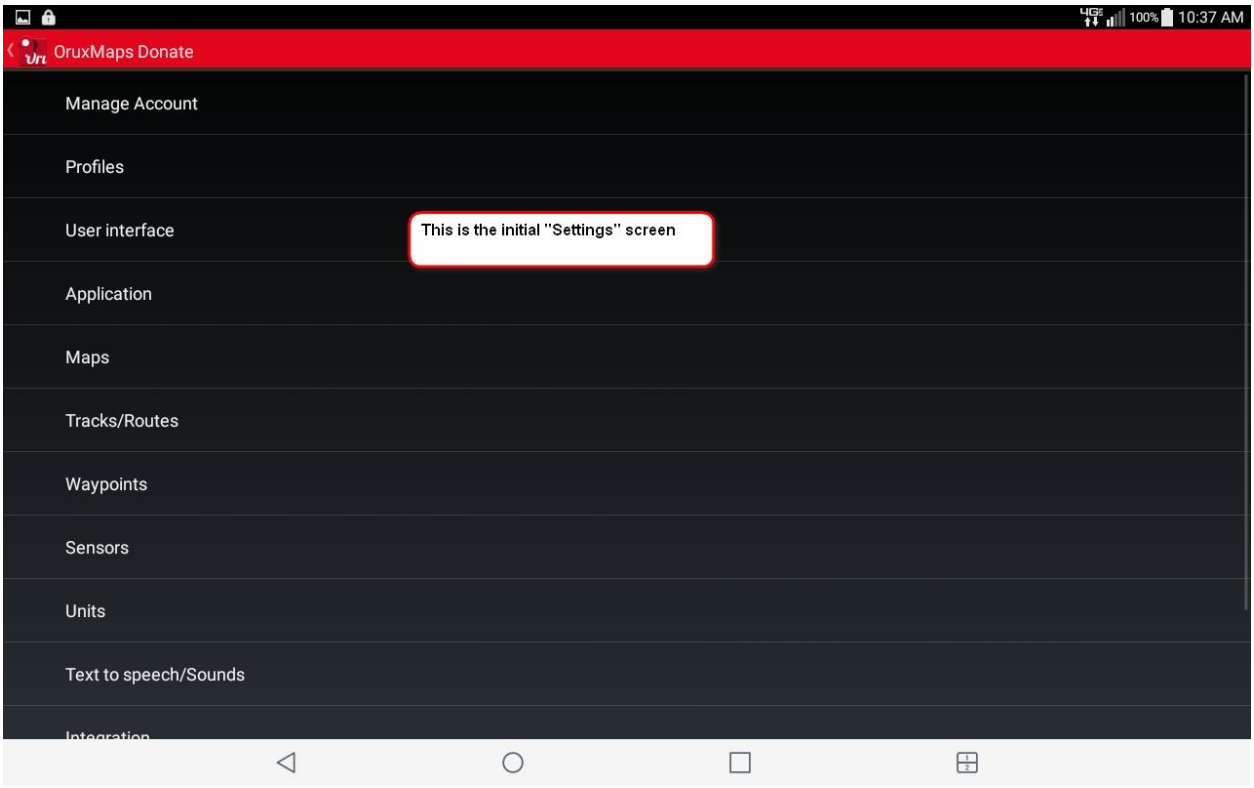
Brown tracks are Motorcycle.

Setting up your preferences

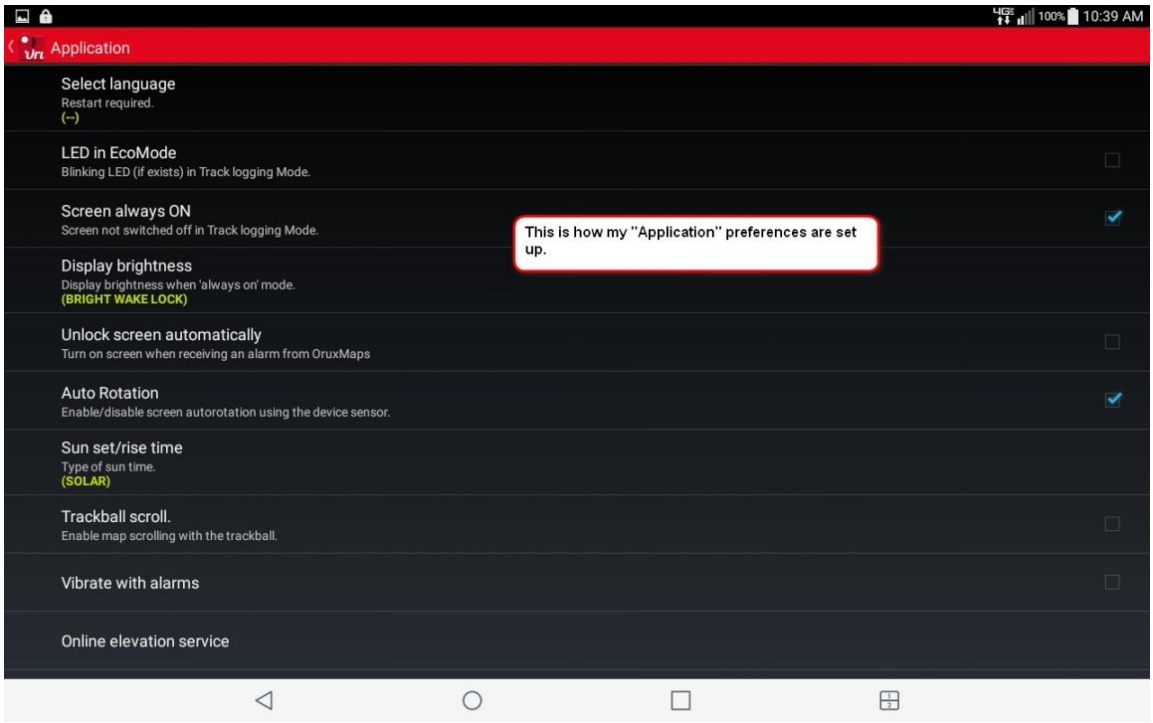
Press the 3 dots in the upper right corner to bring up the "Global Settings" menu.



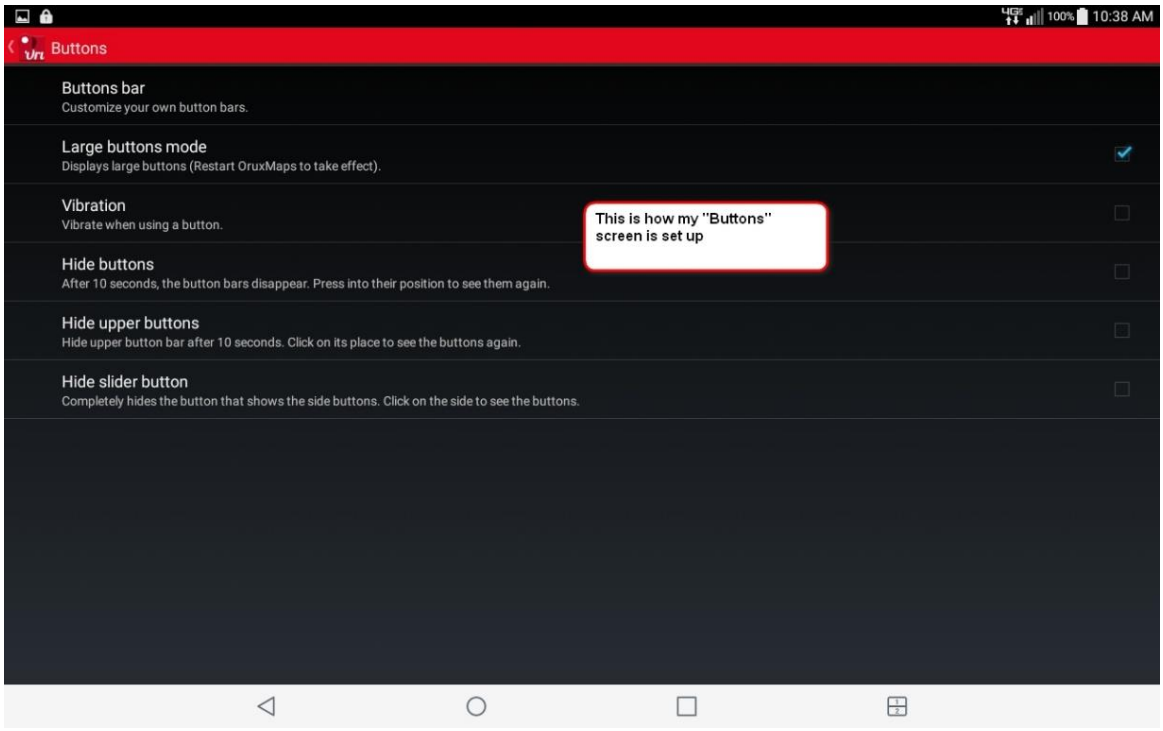
Below is the initial settings screen. Form here you can change the settings/preferences for various items. The next several pages will show my recommendations for most of these settings.



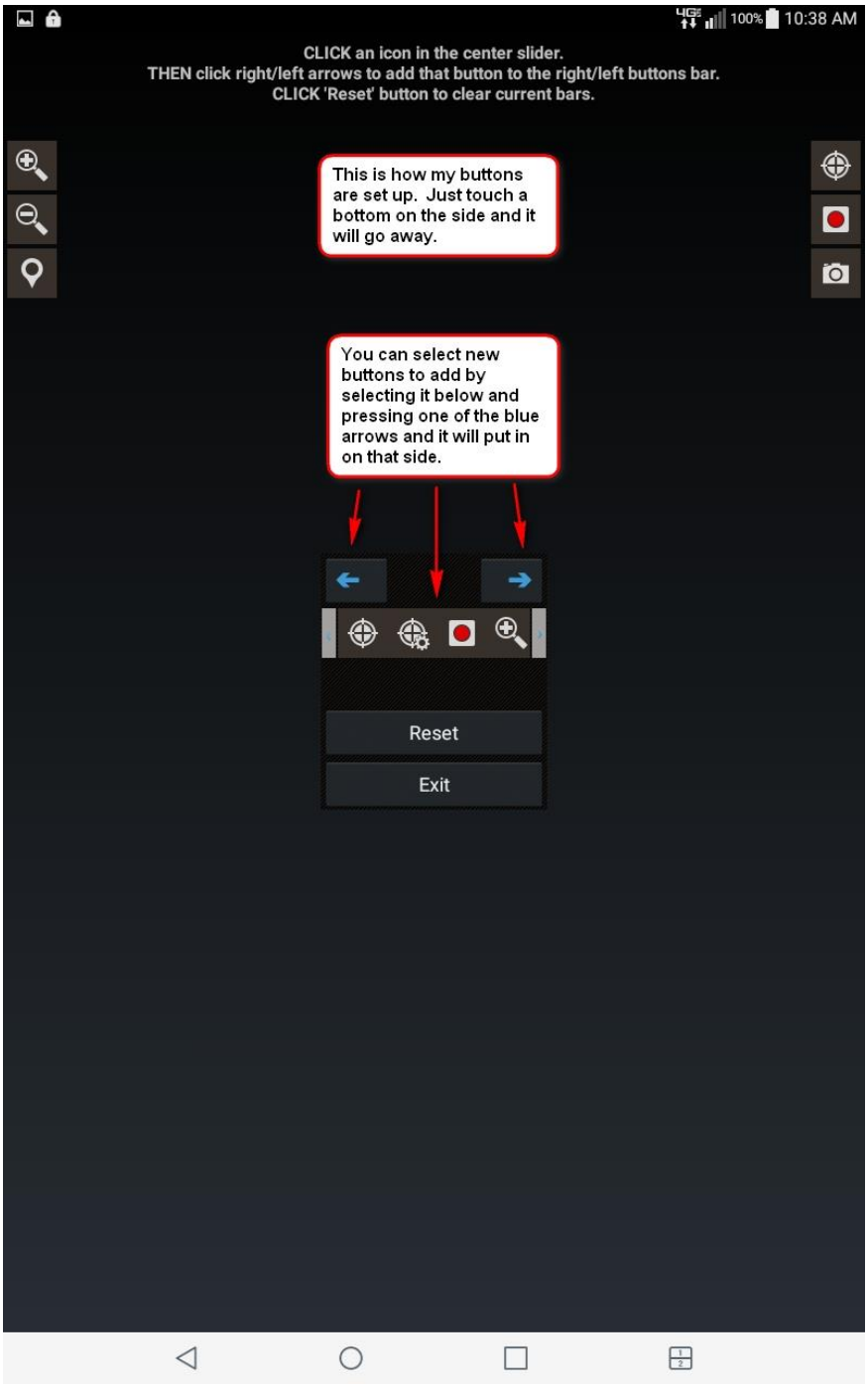
“Application” settings



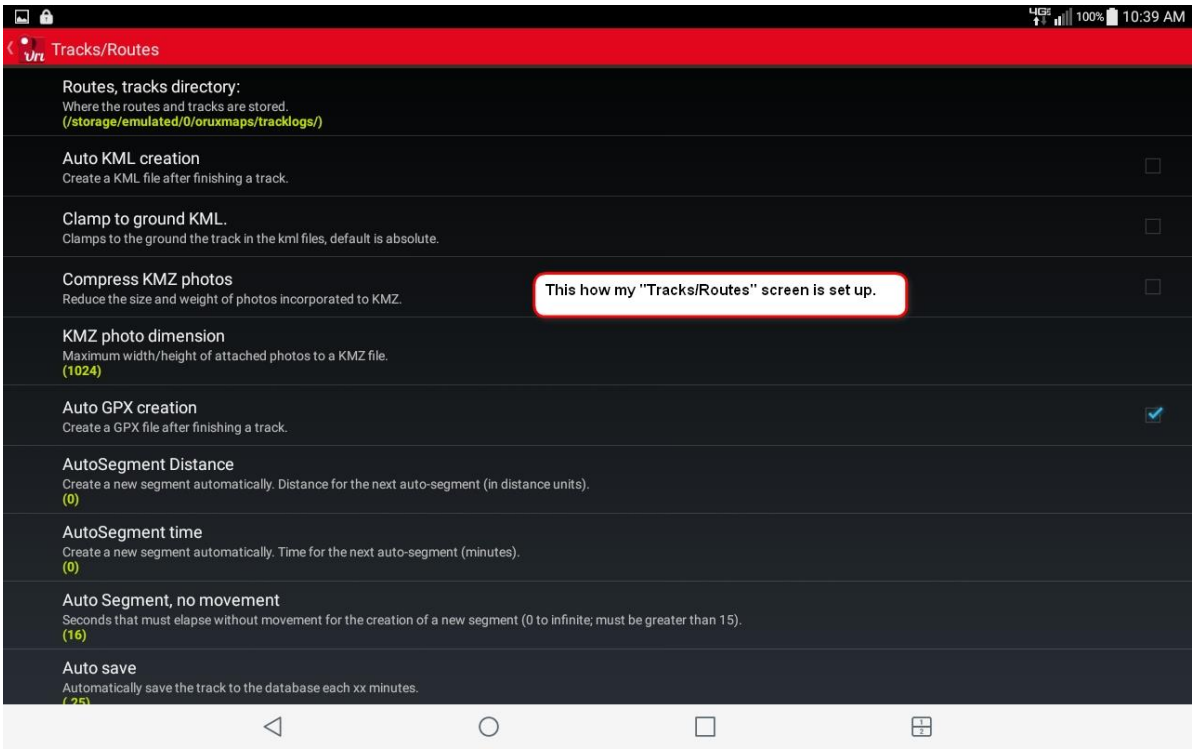
“Buttons” settings



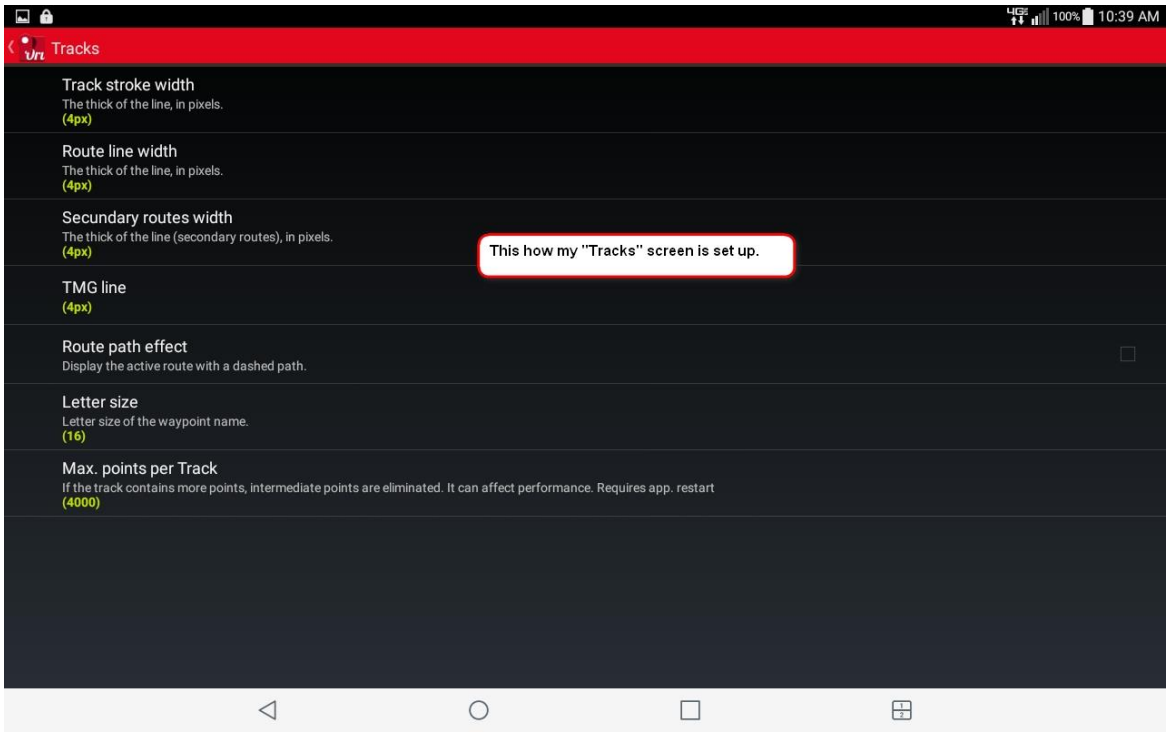
This screen allows you to change what buttons show on the map screen.



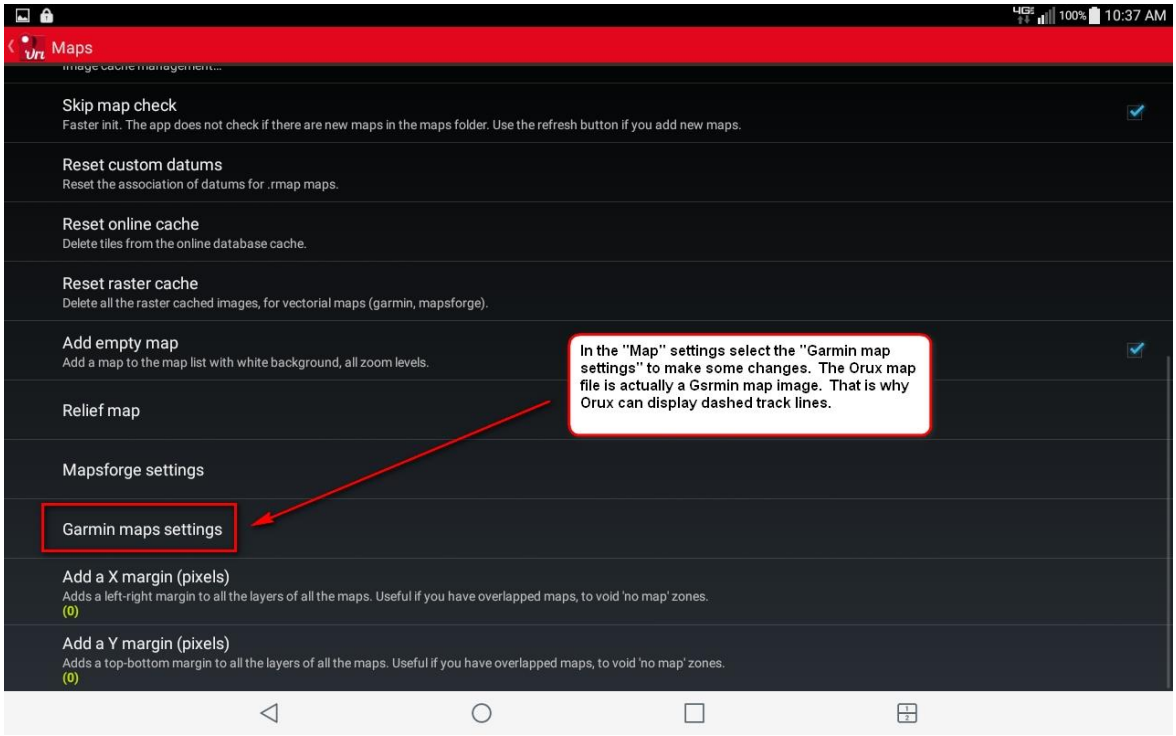
“Tracks/Route” settings



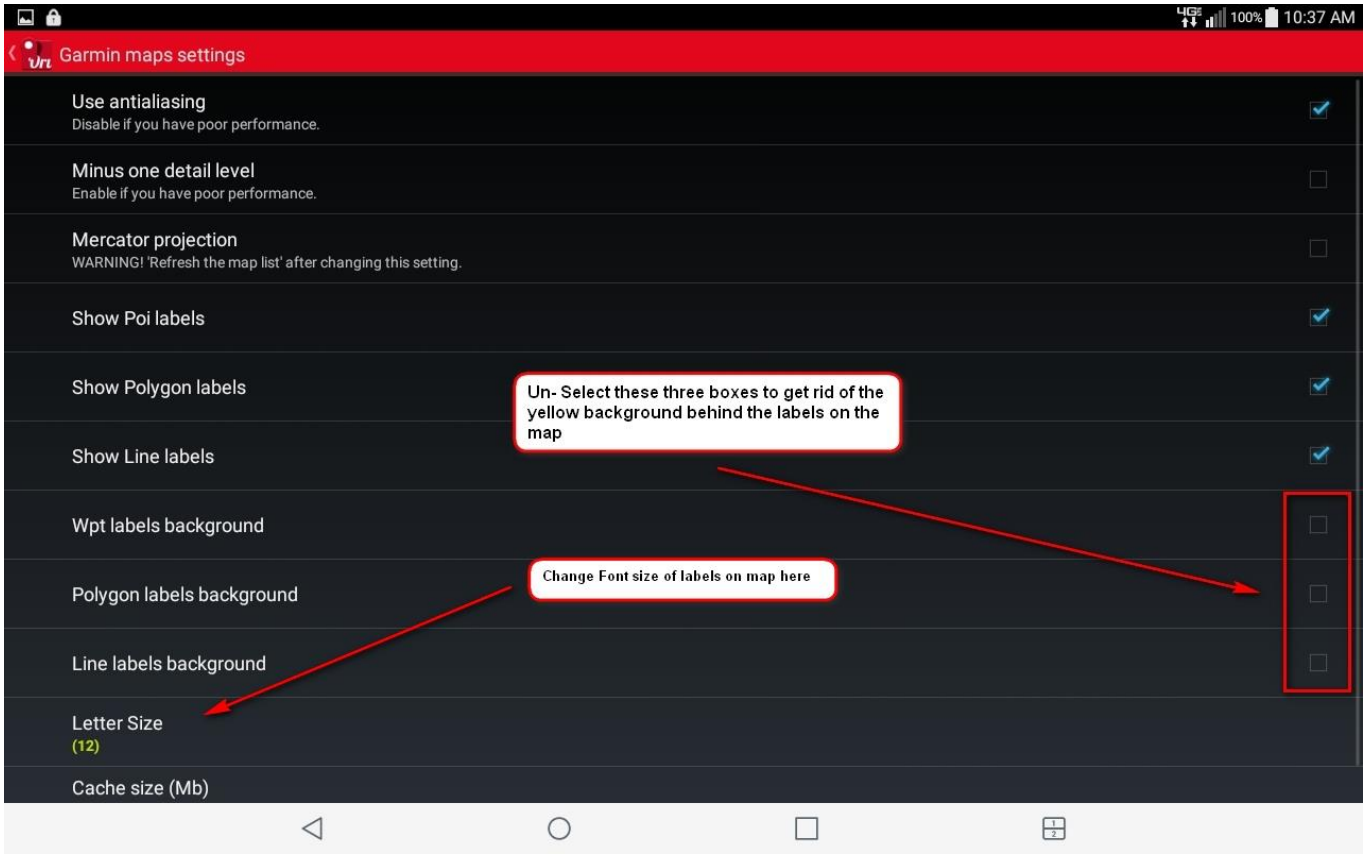
“Tracks” screen



"Maps" screen. Select the "Garmin maps settings" folder to make some changes. Orux is using my Garmin maps.



In the "Garmin map settings" un-check the 3 boxes for the "backgrounds". This will get rid of the yellow backgrounds behind the labels on the map. You can also uncheck "Show Line Labels" to turn off all of the line labels on the map.



ORUX Color Coding (The Pay to Play Systems, HM, Spearhead & Burning Rock or Dashed in order to differentiate them from the Outlaw Trails)

Green Solid – Easy Outlaw Trail
Blue Solid – Medium Outlaw Trail
Red or Black Solid – Difficult Out Law Trail- (Experienced riders only)
Red and Black - Most Difficult - (Very experienced riders only, winches & ropes)
Magenta - Major Paved or Hardtop Roads
Yellow Solid – Trails in Mingo County that have not been verified and a couple of years.
Green and White Dashed - Easy
Blue and White – Medium
Red and White – Difficult
Black and White – Difficult
Red and Black – Very Difficult
Green and Red - Haul Road (Coal truck hauling road, riding is discouraged)
Green and Blue - Major trails between popular destinations (Beer Can Alley to Reed Junction, Stairs to Bud, Pizza Hut to War, Barkers Creek to Burning Rock, 9-Mile Creek By-Pass, etc)
Yellow and Cyan - Boundaries of Twin Falls State Park, Camp Creek State Park, East Lynn Lake, Kiah Creek, and state borders.

Color Coding of tracks is subjective and trail conditions can change due to time, weather, and logging.
Color Coding is to be used only as a general guideline, know your limitations and never ride alone.

Hatfield McCoy, Burning Rock, and Spearhead Trails are Dashed Lines as well as Colored. These are pay to Play system.
Hatfield McCoy, Burning Rock, Rush, and Spearhead Trails are colored and numbered per trail system maps.