Garmin GPS Instructions and File Links

****** IMPORTANT AS OF SEPTEMBER 2018 ******

A better way is to download the new "WV-VA-KY Aug 2020 Public Map.img" file from the download linked to below. Once you get the file plug your GPS into your PC and copy this file to your GPS into the Garmin folder on your GPS. It should have a couple of other files that end in .img.

How to Get Garmin Software and Install Maps

This is not as hard as it may first appear, I have just gone into great detail in order to help

Overview

You need a Garmin program on your PC that you will use to install the map onto your GPS. You can also use this program to view, edit, draw, etc. tracks and you can also use it to view the tracks on Google Earth. These programs are also used to download tracks that you have made on your GPS.

Garmin PC Programs and where to get them (free)

The links below will take you to where you can get Garmin Basecamp and Mapsource. Mapsource is an older program that is no longer supported but is much easier to use than Basecamp. If you have a Nuvi or older GPS I recommend Mapsource. You can get Basecamp directly from Garmin's website. These are the programs that you will use to view the maps and install them onto your GPS. The newer GPS's like the Montana and Oregon work best with Basecamp.

Link to Instructions on how to get Basecamp for Windows and Mac

http://www.garmin.com/en-US/shop/downloads/basecamp

Instructions on how to get Mapsource

Garmin requires that you have a Garmin map product such as one of their TOPO's on your computer before you can download the update which is the complete program. If you have Basecamp installed then Mapsource will install since you have a Garmin product installed.

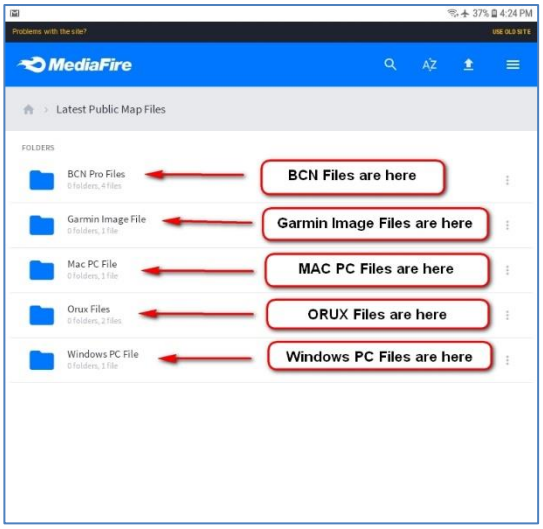
Link to download Mapsource update (Full Program)

http://www8.garmin.com/support/download_details.jsp?id=209

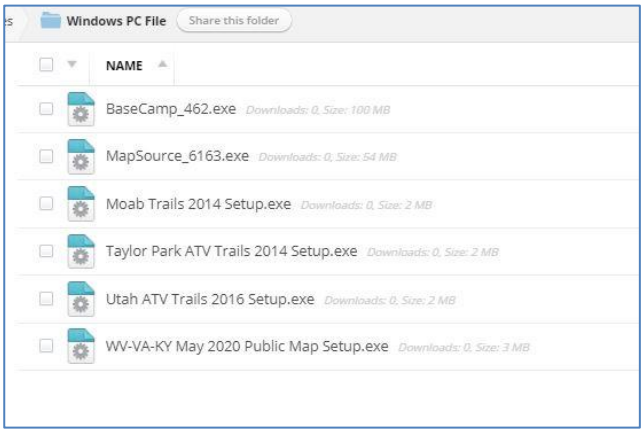
Get my Garmin Map Files for Windows PC here

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

The above link will bring you to the screen below, Pic 1. Click on "Windows PC Files are Here" to bring up the screen with all of my Windows PC Maps, see Pic 2. The Windows maps are self installing, just double click on the "setup.exe" file. You do not copy the file anywhere. The maps will show up in the Basecamp and Mapsource Maps window.
Click on "Mac PC Files are Here" to get the links to my Mac Maps. I am not an Apple person so I cannot provide much help here, I just know how to convert my maps to Mac format.



Pic 1



Pic 2

Where to get free maps

The difference between a map and tracks is that a map is vector image (picture) of all tracks and waypoints. Tracks are just individual tracks and in the case of my maps some have over 1800 individual tracks and 750 waypoints. Most GPS's have a limit on how many tracks they will hold and most will only show a few at a time. Some newer models are more flexible. You can only load maps onto a Nuvi, you cannot load tracks onto them and view them. Personally I don't have any tracks on my GPS since it would be impossible to know which ones to have turned on.

The best source for free Garmin maps is GpsFileDepot.com, this is where I host my ATV Maps. They have excellent free Topo's for each state.

http://www.gpsfiledepot.com/

Below are the links to the latest maps that I have made. **The maps are self-installing, just click on the setup file.** Be sure to have installed either Basecamp or Mapsource before installing a map. Do not have Mapsource or Basecamp open when you install the map since it will not show up, you will have to restart them for the map to show up in the Maps window.

Garmin Color Coding

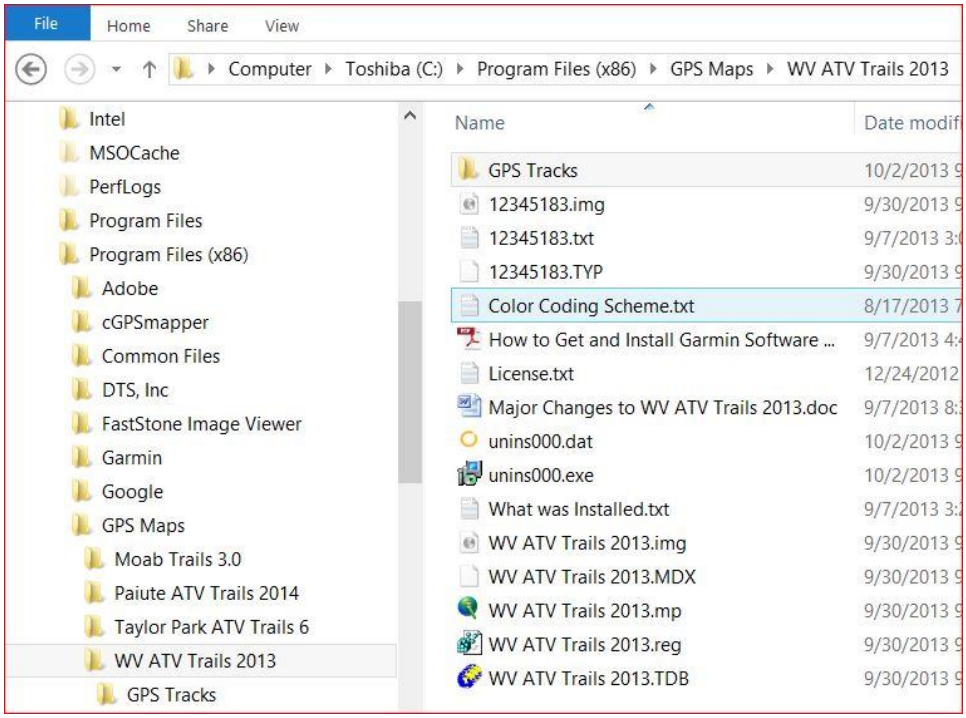
Green - Easy
Blue - Medium
Red or Black – Difficult - (Experienced riders only)
Red and Black - Most Difficult - (Very experienced riders only, winches & ropes)
Magenta - Major Paved or Hardtop Roads
Green and Red - Haul Road (Coal truck hauling road, riding is discouraged)
Green and Blue - Major trails 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, and Kiah Creek

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 systems.
Hatfield McCoy, Burning Rock, Rush, and Spearhead Trails are colored and numbered per trail system maps.

Installing a Map Using BaseCamp and MapSource

These instructions will be based on the map "WV ATV Trails 2013. When you run the "WV ATV Trails 2013 Setup.exe" program it will copy some files to your PC and will also write some Registry entries so that Basecamp and Mapsource will recognize the map. If you have Basecamp or Mapsource open when you run the Setup program you will have to close them and re-open them in order for them to load the maps since they only look for maps when they start. The screenshot below shows what the directory that was created on your PC looks like. You will notice that there is a sub-directory called "GPS Tracks" that contains the original Garmin GPS tracks for the map. You may want to move these to an easier location for access. These can be opened in Basecamp and Mapsource so that you can view them on top of a Topo map on your PC. Garmin Basecamp and Mapsource will only show one map at a time on your PC so you cannot view ATV Trail Maps over a Topo.

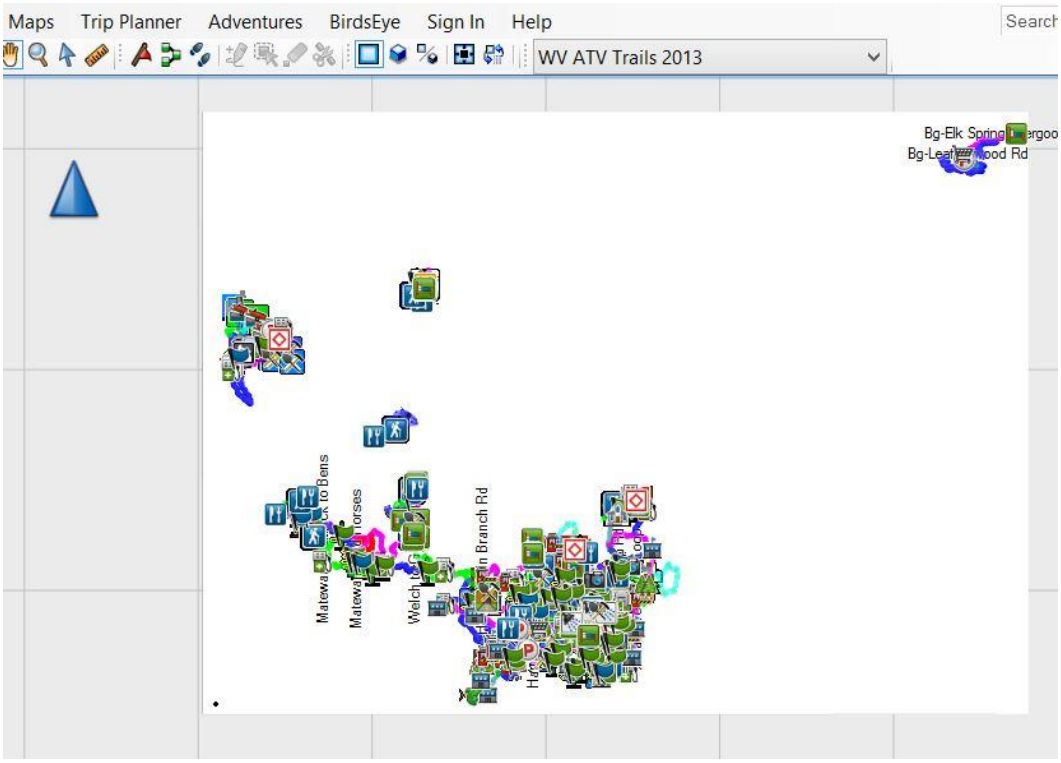


Installing a Map Using Basecamp

Verifying that the map was installed correctly

If you have a newer Garmin GPS such as a Montana, Oregon, or 62 I think you will want to use Basecamp. If you have a Nuvi or an older Garmin GPS I highly recommend you use Mapsource since it is easier to use and the added functionality of Basecamp is not required.

I suggest you go to "View|Toolbars" and select the ones you will use so that they show at the top of your screen. Under Maps you should see "WV ATV Trails 2013", this confirms that the map is installed correctly. See the screenshot below.



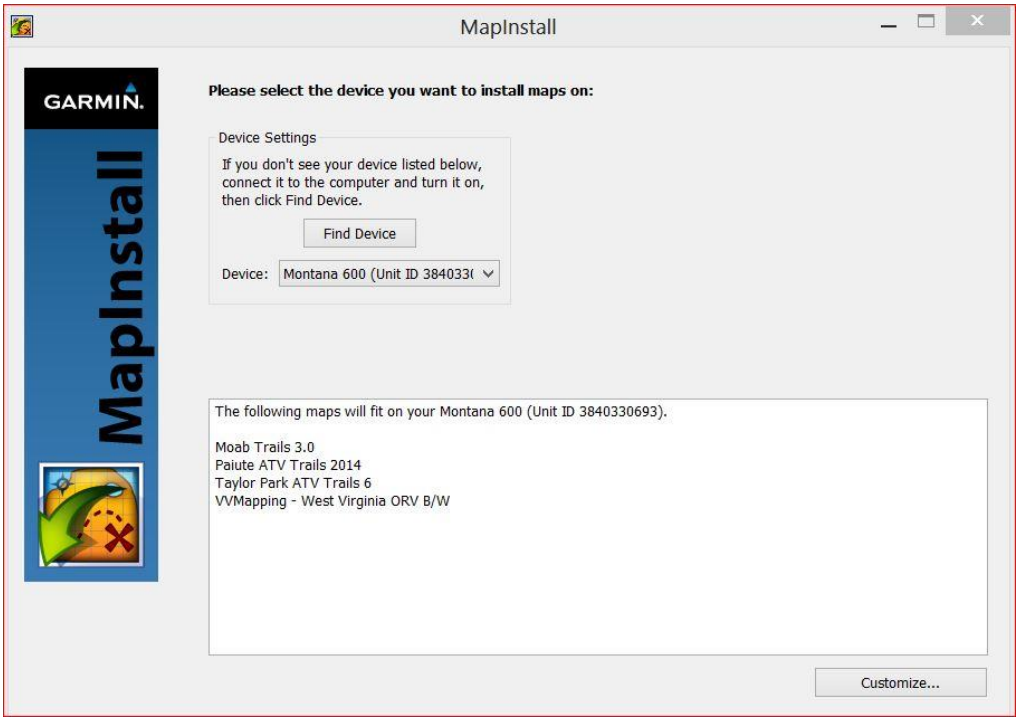
Installing

Map on a Newer GPSr using Basecamp

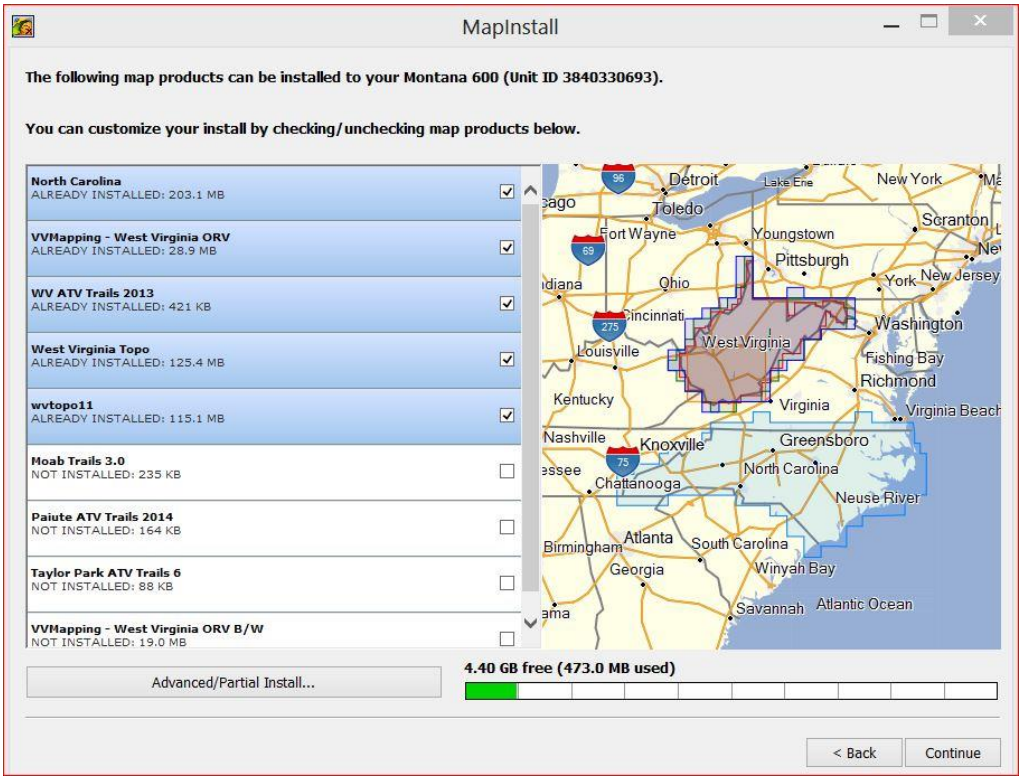
Open Basecamp and connect your GPS to your computer using a USB cable. On the left side of the screen you should see something similar to the screenshot below. This screenshot shows my Montana connected to my PC.



Click on “Maps” in the top toolbar and select “Install Maps”. You will then see the screen below.

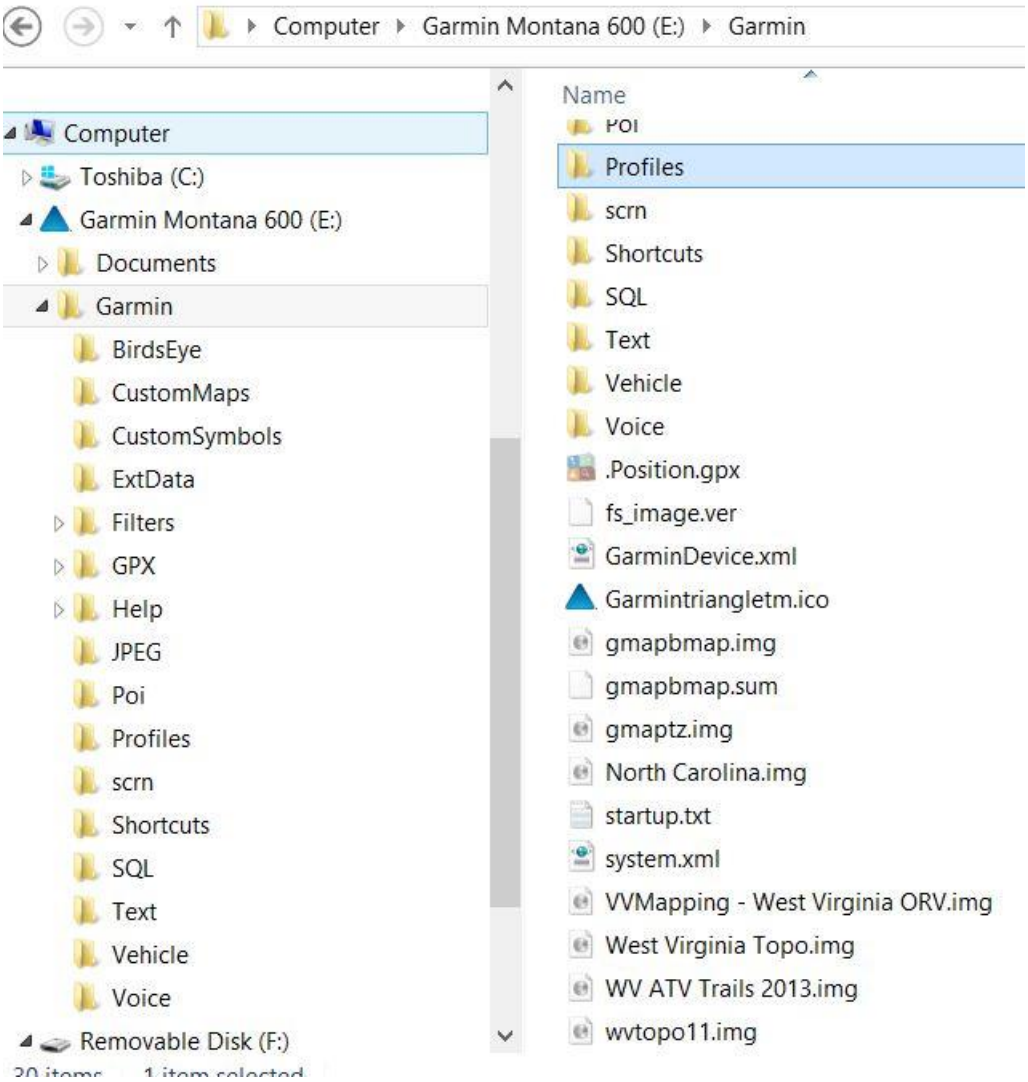


Click on “Customize” and you will see the screen below.



“WV ATV Trails 2013” should be on the list, check the box. If you have installed any other maps they will show up on the list, check them if you want to install them. Un-check them if you want to uninstall them. Click “Continue” and the maps should install onto your GPS.
You can plug your GPS into your computer and view the files on it just like you would with a Memory Stick. Below is a screenshot of what my Montana files look like. You will notice that in the “Garmin”

root directory that there are 5 files with specific names that end in ".img". These are the Map Images that are displayed on your GPS. (gmapbmap.img is the GPS basemap, gmaptz.img is the time zone file)

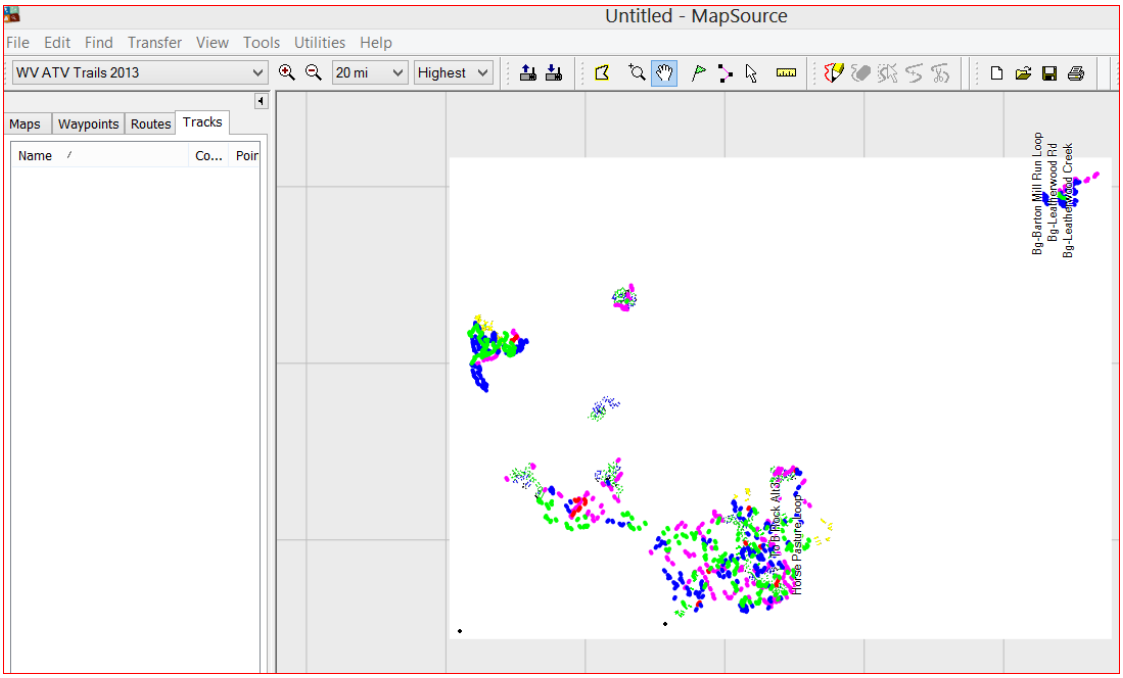


Installing a Map Using Mapsource

Verifying that the map was installed correctly

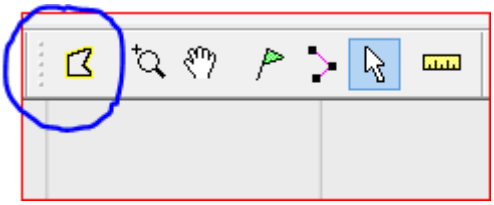
If you have a Nuvi or an older Garmin GPS I highly recommend you use Mapsource since it is easier to use and the added functionality of Basecamp is not required.

I suggest you go to "View|Toolbars" and select the ones you will use so that they show at the top of your screen. In the screenshot below you will notice that "WV ATV Trails 2013" is showing in the Map Window. Under Maps you should see "WV ATV Trails 2013", this confirms that the map is installed correctly. See the screenshot below.

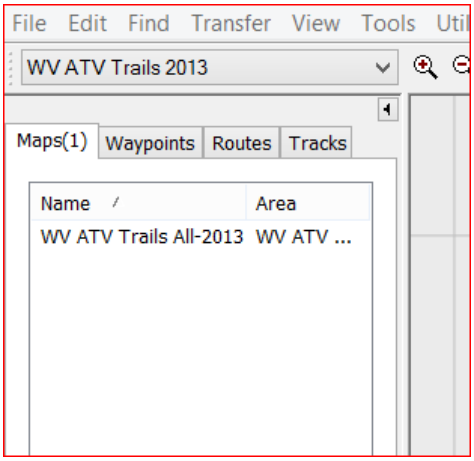


Installing Map on a GPSr using Mapsource

Connect your GPS to your PC with a USB cable. Have the map that you want to install showing on the screen as above. Click on the "Map" tool, the one circled below.



Using the "Map" tool click on the map that is on the screen, it should turn Pink. In the upper left of your screen you should something similar to the screenshot below.

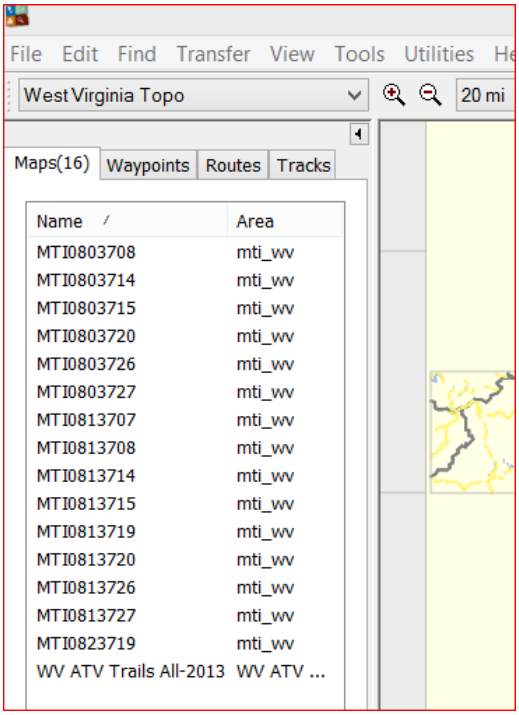


Warning: Mapsource will not install map files with different names. It will combine all maps into one file called "gmapsupp.img". You will need to install all maps that you want at the same time. Mapsource will overwrite the current "gmapsupp.img" on your GPS so you will lose any previous custom maps that you installed. This does not affect your Garmin installed Basemap. Nuvi's and older GPS's will

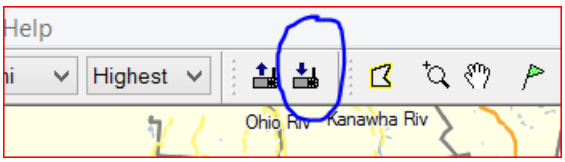
only read a “gmapsupp.img” file so there is no point to use Basecamp since it will also create a “gmapsupp.img” file when you connect a Nuvi or older GPS.
My maps are only one “Tile”, however Topo maps are made up of many “Tiles”. When installing a Topo you can highlight only the areas you want or the entire state.



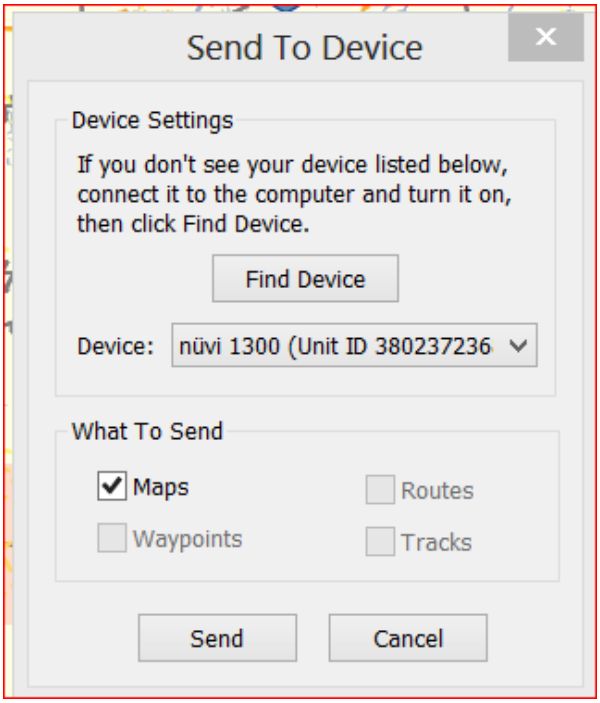
The screenshot below shows what the “Map” tab will look like when you include several “Tiles” from a Topo.



Next click on the “Send to Device” icon.



The screen below will now be displayed. If you had some Tracks or Waypoint open in Mapsource you would see check marks next to them in the boxes below. Un-check them since you only want to install a map. Click “Send” and the maps will be installed on your GPS. There is not a shortcut for installing maps on Nuvi’s and older GPS’s since Mapsource has to create the “gmapsupp.img” file. You can copy an older “gmapsupp.img” file to your PC if you want to save that mapset before you write over it with the new “gmapsupp.img”.



Apple “Map Plus” App file

Matt Walker, Bryan Emily and Brian Calfo have made a .mpz file that will work with Apple App “Map Plus”.

Go to App Store and get the Maps Plus App.

The “WV-VA-KY June 2019 Public Map” is now available

Download the “WV-HMT-JUNE-2019.mpz” file and instructions at the link below.
http://www.mediafire.com/folder/vp29lxe17sjy1/Apple%20Map%20Plus%20Files