

Open Data Portal Tool Tutorial



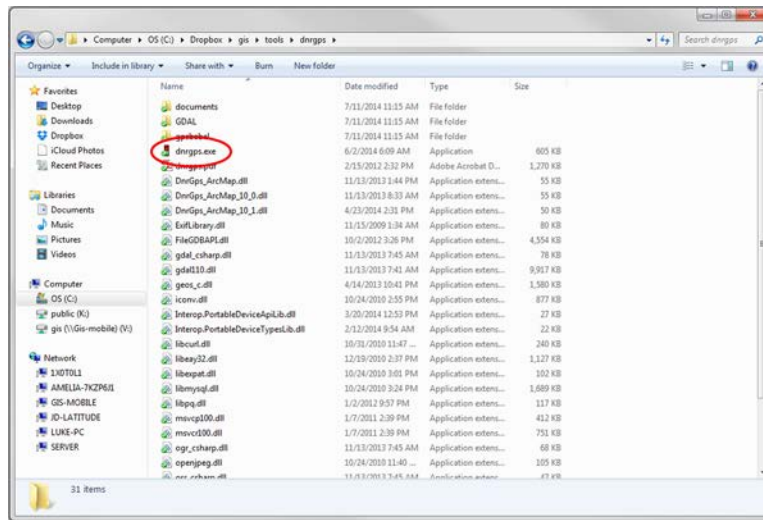
Open Data Portal Tool Tutorial

Created by the North Country Trail Association 7/22/15

To view the video tutorial please visit <https://vimeo.com/134120543>

We are excited to show you how to use our new Open Data Portal Tool which allows you to access the most recent and updated trail data that can be used on your Garmin GPS receiver.

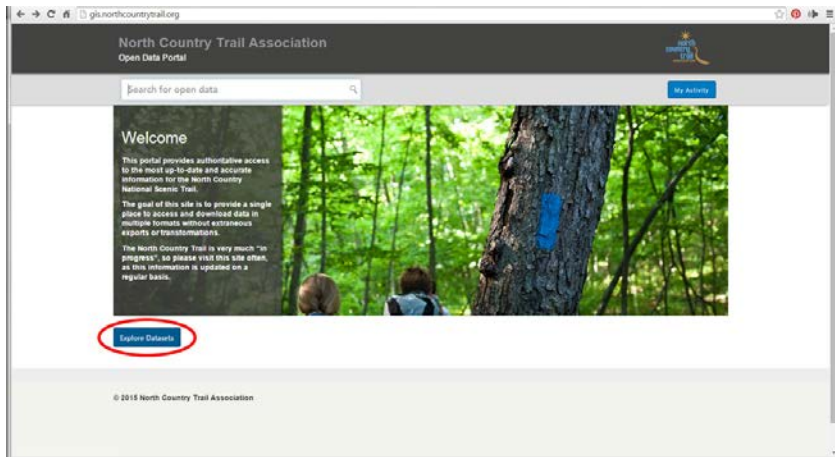
1. You will want to download the Minnesota DNR GPS Application. This is a free program that will convert KML GPS file data to the GPX format for your GPS receiver. To download this free program go to <http://www.dnr.state.mn.us/mis/gis/DNRGPS/DNRGPS.html>
 - a. For simplicity's sake, select the most recent version with the highest number, which as of this date is version 10.2.
 - b. DNRGPS is a self-contained program which means it can be run from anywhere – your hard drive, a thumb drive, a network location. Simply unzip the DNRGPS folder and place in the location of your choice. We recommend creating a folder on your computer, for example –“C:\gps”.
 - c. After you unzip the file, open the folder and click on the “DNRGPS.exe” icon in the folder and click run when the box pops open. You may get an admin message.



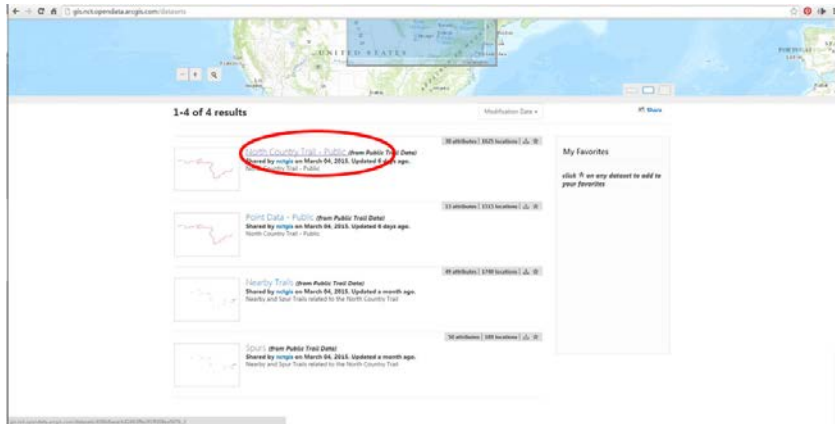
For further questions refer to the DNRGPS documentation found here: <http://maps1.dnr.state.mn.us/dnrgps/index.html>

2. After you've downloaded and opened DNRGPS, go to gis.northcountrytrail.org

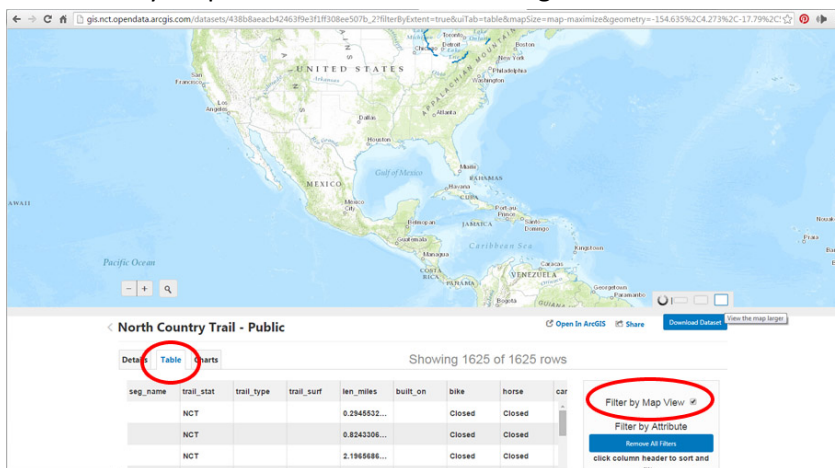
- Click on the blue box that says Explore Data sets.



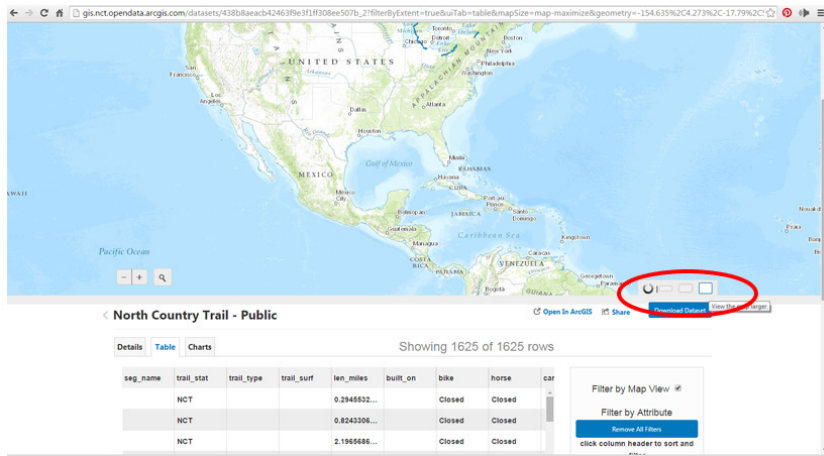
- Choose "North Country Trail - Public", which is the centerline for the trail.



- To get the "filter" menu on the right, make sure you click on the "Table" tab, and make sure the box "Filter by Map View" is checked on the right hand side of the screen.

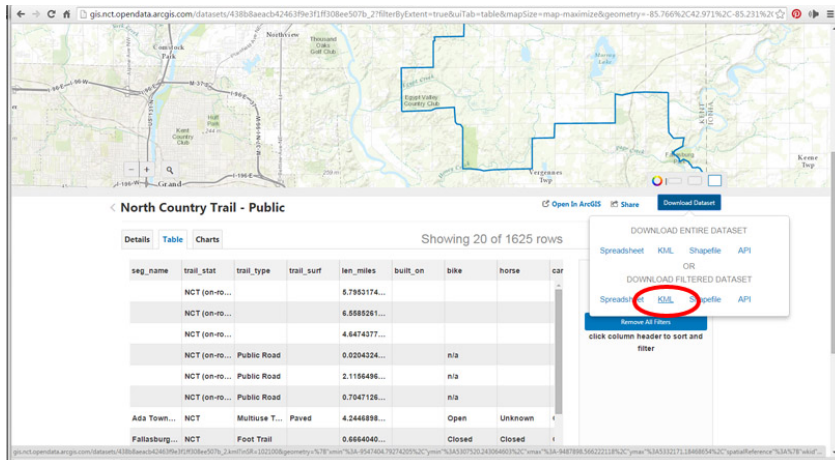


- You have a few different options for your map view. The smallest box hides the map view, then a medium box, and a large box. We find the large box view to be the most helpful.

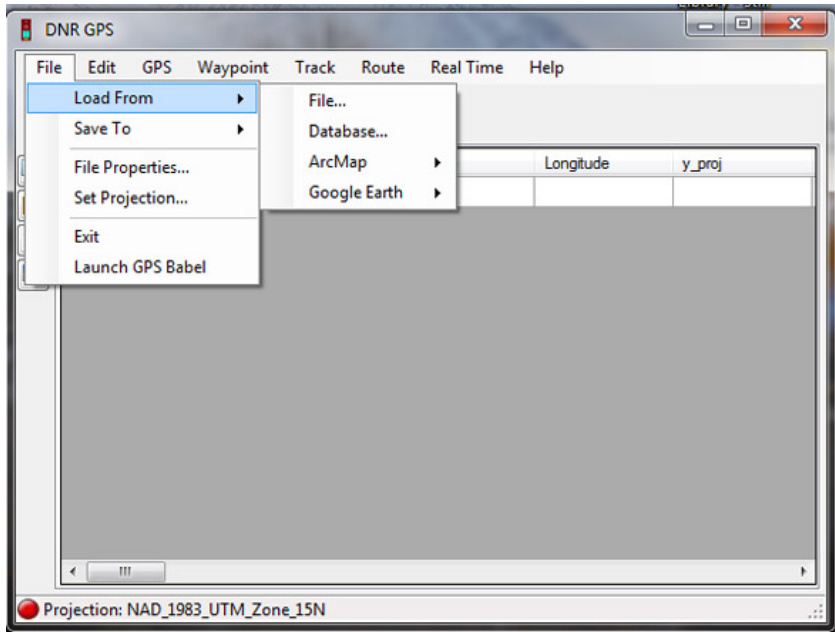


- Now you can zoom into the area of the map you wish to hike. If you happen to see an error that says the data can't be loaded, it's because our trail data file is so large and it will occasionally time out. Just give it a second to load, everything is fine and it will load.

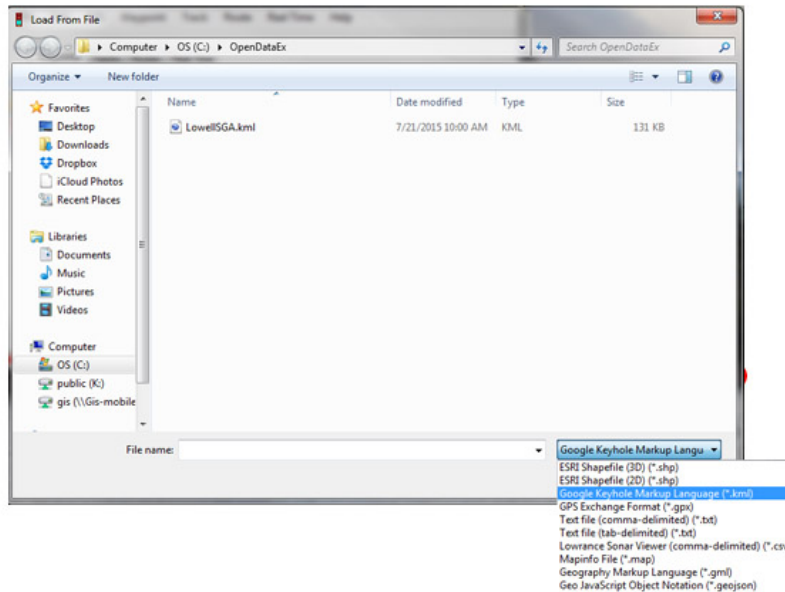
- After you've zoomed in to the area you wish to download – click "Download Dataset" – and then "Download **Filtered** Dataset" – click on "KML"– save file



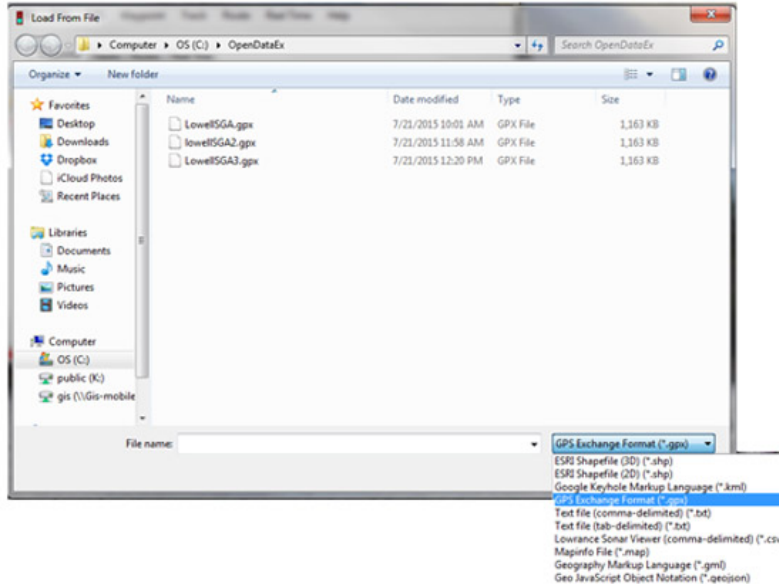
9. Go back to the **DNRGPS** application – select “File” – “Load from” → “File”.



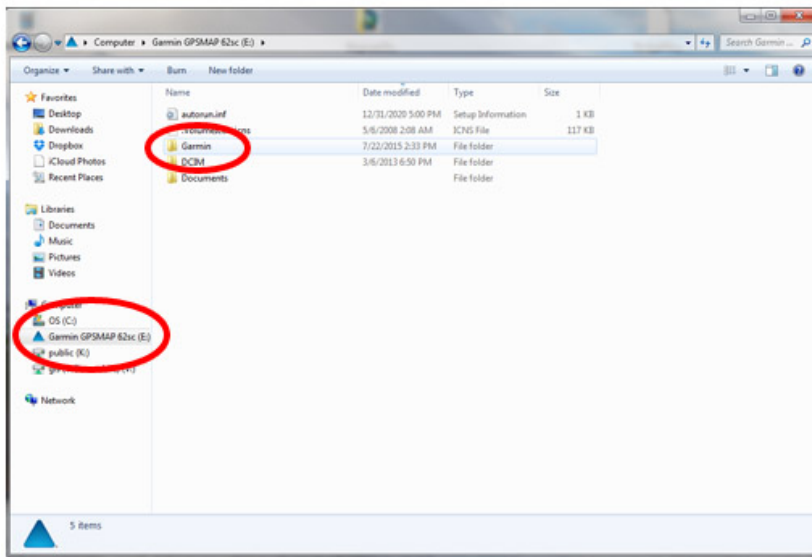
10. Change the file type to KML or Google Keyhole Markup Language – select the name of the file you just downloaded from the Open Data Portal

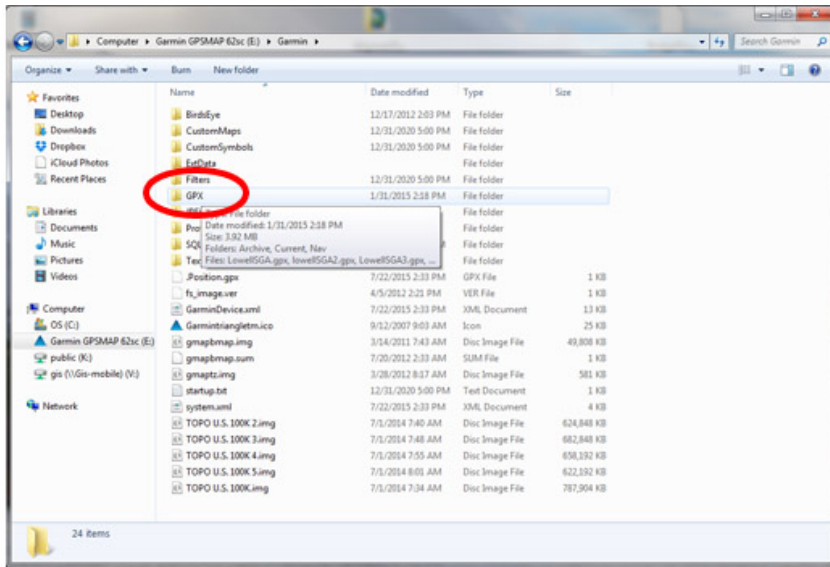


11. When it says load files complete, click ok . Then go to File – Save AS – Give your file a new name – for File type choose GPS Exchange format – GPS Types box opens then click Tracks. Now the GPX file is saved to your computer in a file format your GPS unit can use.



12. To get the file on your GPS receiver, plug the unit into your computer. In our example we used a Garmin GPSmap 62sc. Under My Computer Click on Garmin – Open the Garmin Folder – Open the GPX folder.





13. Open a 2nd window to locate the GPX file you saved – drag and drop the GPX file into the GPX folder on your GPS unit.
14. Your data is now loaded onto your GPS unit and you are ready to go out and enjoy the trail.
Have a great hike!