



## Downloading Data from a GPS Unit to DNRGPS

### Abstract

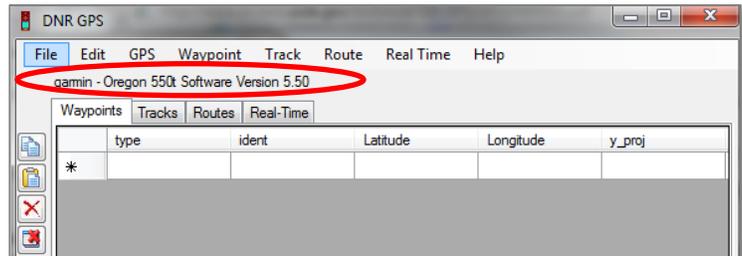
This guide outlines the steps to download data from a GPS unit to DNRGPS.

*Steps: Set GPS Interface to Garmin, Garmin Serial, or Garmin Spanner – Start DNRGPS – Connect the GPS to the computer – Click GPS → Find GPS and wait for connection to be established – Click Waypoints → Download (if you need to download tracks, click Track → Download instead)*

### Details

1. Set the GPS unit's interface to *Garmin, Garmin Serial, or Garmin Spanner* mode per your GPS unit type. See the appropriate GPS settings guide for assistance with finding the interface setting.
2. **Connect** the GPS unit to a computer that has the DNRGPS software. If you are using an Oregon Unit in Spanner mode, you will be prompted on the GPS about activating mass storage and you should choose *Yes*. If you are in Serial mode or using other units, you will not be prompted.
3. **Start** the DNRGPS software if it is not already running.
4. DNRGPS will try to automatically connect to the GPS unit upon startup. If it fails or if there is another problem, you can instruct DNRGPS to find the connected unit by **clicking GPS → Find GPS**.

5. While connected, DNRGPS will display information about the connection to the unit. If not connected, DNRGPS will not display this information.



#### *Troubleshooting the connection:*

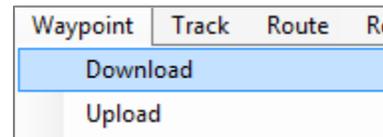
-Make sure the Interface mode on the GPS unit is set to, "Garmin Serial," or, "Garmin Spanner."

-Make sure the micro USB cable is properly plugged into the unit and the computer.

-If using Spanner mode, make sure you've answered the question about Mass Storage Mode on the GPS unit. If you have answered it, you will see a black screen with the Garmin logo and an image of a GPS unit connected to a computer case by a cable.

6. Once a connection is established, you may proceed with data transfers.
7. If any points are already present in DNRGPS, they will be cleared from the DNRGPS table when you perform data download. If such points are needed, be sure to save those points to a file before downloading new points from the unit. Refer to *Saving Data from DNRGPS* for steps, if needed.

8. When ready to download, **click Waypoint → Download**. Alternately, if downloading tracks, **click Track → Download**.



9. If using a GPS 76, your points will be downloaded from the unit to DNRGPS at this point and you do not need to continue. If using an Oregon 550(t), there may be additional steps. See next page.



10. If the Oregon 550(t) unit has multiple data collections on it, a window will appear prompting you to select which file you want to download. Typically, you would select the file with the date in the name from when you collected the points. If you have no files showing with dates in the names, you can try to select, "current.GPX."
11. Once you have selected a file to download, **click OK**.
12. The points will be downloaded from the unit to DNRGPS.

