



Uploading Data from DNRGPS to a GPS Unit

Abstract

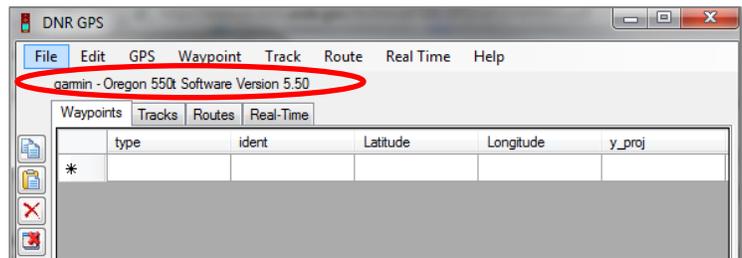
This guide outlines the steps to upload data from DNRGPS to a GPS unit.

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 → Upload (if you need to upload tracks, click Track → Upload instead)

Details

1. Set the GPS unit's interface to *Garmin, Garmin Serial or Garmin Spanner* mode. See the settings guide for the unit type for more information on 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 a different unit, 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. Load data into DNRGPS from file or from ArcMap. See the appropriate guide for details on loading data into DNRGPS, if needed.
8. Make sure that extra fields in Waypoint Properties or Track Properties are deactivated. These can interfere with uploads. The easiest method is to use only the required fields (greyed out) plus the comment field. Details on how to make settings for the table's fields can be found in the *DNRGPS Settings for NRCS Users* guide.

9. When ready to upload, **click Waypoint → Upload**. Alternately, if uploading tracks, **click Track → Upload**. If using an Oregon 550(t), you will be prompted to enter a file name for the points. Do so, and **click OK**.

