



GPS Task Sheet

Natural Resources Conservation Service



Connecting the GPS to the Computer:

1. Connect GPS to computer using data cable.
2. Press the power button on the GPS.
3. Press page 3 times to get the *Acquiring Satellites* page.
4. Set GPS to *Simulator* mode by pressing *menu* on the satellite page, then ***Start Simulator***.
5. Press *Menu* twice to get to main menu.
6. Select *Setup*.
7. Go to *Interface* tab and set the *Serial Data Format* to ***Garmin***.
8. Press quit twice to get back to the satellite page.
9. Open the DNR Garmin Tool; once it says *connected* in the lower left corner, you're ready.

Downloading Waypoints from the GPS to ArcMap:

1. On the DNR Garmin Tool, select *Waypoint>Download*. Press *OK* when retrieved.
2. Select *File>Save To>ArcMap>Shapefile Layer...*
3. Navigate to where you want to save the file.
Example:
*C:\Customer_Files_Toolkit***"Producer_Folder_Name"***\Resource_Maps if in Toolkit.*
*F:\Projects\NRCS***"Folder_Name"** *for special Non-Toolkit projects.*

Downloading Tracks from the GPS to ArcMap:

1. On the DNR Garmin Tool, select *Track>Download*. Press *OK* when retrieved.
2. Select *File>Save To>ArcMap>Shapefile Layer...*
3. Navigate to where you want to save the file, click *Save*.
4. Choose *Polygon, Line, or Point*, press *OK*.
Example:
*C:\Customer_Files_Toolkit***"Producer Folder Name"***\Resource_Maps if in Toolkit.*
*F:\Projects\NRCS***"XXXX"** *for special Non-Toolkit projects.*

Uploading Waypoints from ArcMap to the GPS:

1. In ArcMap, highlight the layer in the table of contents; (you may select certain points if you don't want to upload all of them).
2. On the DNR Garmin Tool, select *File>Load From>ArcMap>Layer*
3. Then select *Waypoint>Upload*. Press *OK*.

Uploading Tracks from ArcMap to the GPS:

1. In ArcMap, highlight the layer in the table of contents; (you may select certain tracks/polygons if you don't want to upload all of them).
2. On the DNR Garmin Tool, select *File>Load From>ArcMap>Layer*
3. Then select *Track>Upload*. Press *OK*.
4. Press *Menu* twice on the GPS, select *Tracks* then *Save*. Choose *Entire Log* (if previously empty) and press *OK* to save the track in the GPS unit. You may also rename before you select *OK*.

