

Instructions for using Street Atlas to download and display GPS data from the Garmin Receivers.

1. Get the CD's for Street Atlas Version 8 or 9 and find a computer on which that version of the software is installed. Put the data CD into the drive and start the program if it doesn't start automatically. It is in the DeLorme submenu on the Start Menu. (Ignore the error message about the registry.)
2. Turn on your receiver and connect it to the serial A port using the data cable provided. On the receiver go to the Main Menu -> Setup Menu -> Interface. Select the interface for GRMN/GRMN,
3. In the StreetAtlas software from the GPS menu turn off the Automatic Pan by clicking on it. Use the Find menu to center the map on Boulder (for example, by zip code at 80309).
4. In the StreetAtlas software from the GPS menu select Initialize to begin communication with the receiver. Make sure it is set to Garmin/Garmin. Hit the stop sign when the GUI pops up.
5. In the StreetAtlas software from the GPS menu select Download Track to get your track from the receiver. (If *Download Track* is not one of the items on the GPS menu after you have initialized the receiver, then there is a problem with how the permissions are set on the computer you are using. You should see Brad Dunkin if this occurs.) You can also download waypoints if you have stored some. Now go to the File menu and Save your map and data in the class directory or somewhere else safe. You can reload the data by going to File and opening this file.
6. You can zoom in or out using the buttons at the top.
7. To quantify your results you can use the Drawing Palette to make lines and circles on the map with dimensions.
 - a. Select the drawing palette by clicking on the pencil icon.
 - b. When no objects are selected go to options and set the units to meters and meters sq. and make sure that the multiple objects checkbox is CHECKED.
 - c. Pick the line, polygon, or circle to mark areas or distances on your map by clicking on it with the left mouse button. Pick a different line color or type to distinguish the lines from your track data more clearly. You do this by right clicking on the one you want. There is no way to delete these lines without clearing all the drawing objects. Clearing the objects is done under the Edit menu, but be aware that it will also delete your track data. If you have saved the track data you can reload it and start again. Just make sure not to overwrite it with the "deleted" version.
8. You can copy the map to the clipboard for pasting into a word document or print it directly from the StreetAtlas.