



## Working with Data in DNRGPS

### **Abstract**

This guide outlines steps for working with the data table in DNRGPS.

Steps (Delete Record): Click the row header for the record to be deleted – Click the delete button 

Steps (Empty Table): With data in DNRGPS, click the Edit menu – Click Empty Table

Steps (Edit Table Entry): Double-click a cell in the table – Edit the value – Click OK

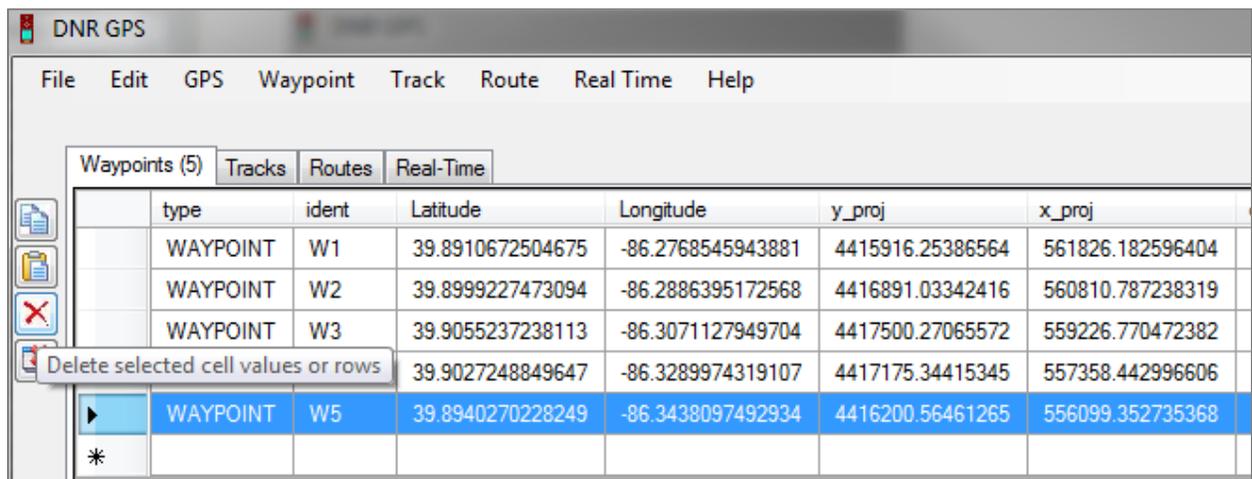
Steps (Convert Data Type): Click Edit → Convert Table To → <New Type>

### **Details**

#### **Deleting a Record**

When you have points loaded from a data source or GPS unit, you can delete any individual point record, if necessary. You might delete records for points which are not necessary, incorrect, or duplicated.

1. **Select** the record to be deleted by **clicking** the box in front of the record to be deleted. The entire row will highlight.



	type	ident	Latitude	Longitude	y_proj	x_proj
	WAYPOINT	W1	39.8910672504675	-86.2768545943881	4415916.25386564	561826.182596404
	WAYPOINT	W2	39.8999227473094	-86.2886395172568	4416891.03342416	560810.787238319
	WAYPOINT	W3	39.9055237238113	-86.3071127949704	4417500.27065572	559226.770472382
			39.9027248849647	-86.3289974319107	4417175.34415345	557358.442996606
▶	WAYPOINT	W5	39.8940270228249	-86.3438097492934	4416200.56461265	556099.352735368
*						

2. **Click** the **Delete Selection** button.   
The selected record(s) will be deleted from the table.

#### **Erasing the Table**

This will empty all data from the current data tab's table

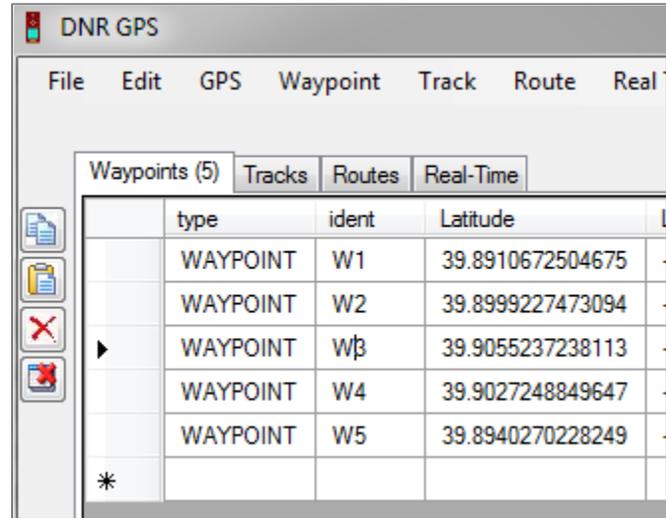
1. **Click Edit** → **Empty Table**.



### Editing Data in the Table

The values in the table can be edited. This is not recommended for coordinate entries in most cases, however frequent edits include adding comments or attributes or renumbering waypoints using the “ident” column.

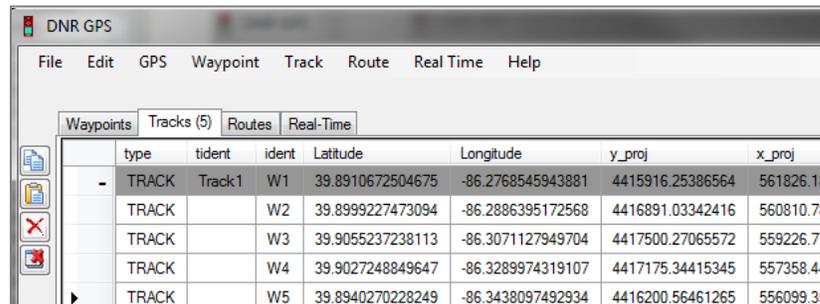
1. To edit any entry in the table, **double-click** the cell to be edited.
2. The cell will become directly editable and you will see a flashing cursor in the cell.
3. **Type** the new value.
4. **Click OK.**



### Converting Data to a New Type

This procedure will convert any data type from one tab in *DNRGPS* to the chosen new data type. For instance, you can change the list of points on the *Tracks* tab into *Waypoints* that will appear in the *Waypoints* tab. Users should be careful that points are in the correct order if they convert from *Waypoints* to *Tracks* or *Routes*. This example will be to convert *Tracks* to *Waypoints*.

1. Load a dataset for a track into DNRGPS (download a track from a GPS unit, or load a line or polygon shapefile from file). The data should come in under the *Tracks* tab.



2. **Click Edit → Convert Table To → Waypoints.**
3. The data will be converted to a list of waypoints that make up the track. Now both the *Waypoints* and *Tracks* tabs will be populated. Note: When you save data, DNRGPS only saves the data for the tab that is currently open.

