## How to Load Maps to Garmin GPS from Garmin Trip and Waypoint Manager

Garmin Trip and Waypoint Manager (TnW) is the low rent proprietary software that ships with Garmin GPS units. The installed base map in TnW is definitely low-grade, but you can purchase commercial maps or create your own maps that greatly improve the base map. Frequently, you will want to upload the better quality maps you can see in TnW to your Garmin.

1. Open TnW. Note the wee box in the top left. It tells TnW what map set to use. For starting purposes it is best to have it set on the poor quality TnW default map.



No Box? Turn on the View toolbar as shown below.

File Edit Find Transfer       View       Tools Utilities Help         Trip and Waypoint Manager V5       Show Selected Item On Map Ctrl+D         Go To Position       Ctrl+T         Zoom In       +         Zoom In Max       Ctrl +         Zoom Out       -         Zoom Out Region       Ctrl +         Hide GPS Map Detail       Ctrl+H         Show Crosshair       Ctrl+H         Show Crosshair       Ctrl+H         Show Crosshair       Ctrl+H         Show Crosshair       Ctrl+Shift+M         Show Crosshair       Ctrl+Shift+M         Show Toolbars       View         Hide Status Bar       View	🗐 Untitled - MapSource			
Trip and Waypoint Manager v5     Show Belected Item On Map Ctrl+D       Go To Position     Ctrl+T       Zoom In     +       Zoom In Max     Ctrl +       Zoom In Max     Ctrl +       Zoom Out     -       Zoom Out Region     Ctrl +       Zoom Out Region     Ctrl +       Hide GPS Map Detail     Ctrl+G       Show Crosshair     Ctrl+H       Show Crosshair     Ctrl+H       Show Crosshair     Ctrl+H       Show Crosshair     Ctrl+H       Show Crosshair     Ctrl+Shift+M       Show Crosshair     Ctrl+Shift+M       Show Toolbars     View       Hide Status Bar     View	File Edit Find Transfer	View Tools Utilities Help		
Go To Position Ctrl+T  Maps Waypoints Routes Tr Zoom In + Zoom Out - Zoom In Max Ctrl + Zoom Out Region Ctrl + Hide GPS Map Detail Ctrl+G Show Crosshair Ctrl+H Show MiniMap Ctrl+Shift+M Switch to Product Change Map Scale Map Detail  Show Toolbars  View View View View View View View Vie	Trip and Waypoint Manager v5	Show Selected Item On Map	Ctrl+D	
Maps       Waypoints       Routes       Tr       Zoom In       +         Zoom Out       -       -       Zoom Out       -         Zoom In Max       Ctrl +       Zoom Out Region       Ctrl +         Zoom Out Region       Ctrl +       Zoom Out Region       Ctrl +G         Show Crosshair       Ctrl+H       Show Crosshair       Ctrl+H         Show MinMap       Ctrl+Shift+M       Switch to Product       +         Change Map Scale       -       +       +         Map Detail       -       +       +         Show Toolbars       -       +       +         Hide Status Bar       -       +       +		Go To Position	Ctrl+T	
Name     A       Zoom Out     -       Zoom In Max     Ctrl +       Zoom Out Region     Ctrl +       Zoom Out Region     Ctrl +       Hide GPS Map Detail     Ctrl+G       Show Crosshair     Ctrl+H       Show MiniMap     Ctrl+Shift+M       Switch to Product     +       Change Map Scale     +       Map Detail     •       Show Toolbars     •       Hide Status Bar     •	Maps Waypoints Routes Tr	Zoom In	+	
Name       A       12       Zoom In Max       Ctrl +         Zoom Out Region       Ctrl -       Hide GPS Map Detail       Ctrl+G         Hide GPS Map Detail       Ctrl+G       Show Crosshair       Ctrl+H         Show Crosshair       Ctrl+Hift+M       Show MiniMap       Ctrl+Shift+M         Switch to Product       +       +       -         Change Map Scale       +       +       -         Map Detail       -       -       -         Show Toolbars       -       -       -         Hide Status Bar       -       -       -		Zoom Out	-	
Zoom Out Region     Ctrl -       Hide GPS Map Detail     Ctrl+G       Show Crosshair     Ctrl+H       Show MiniMap     Ctrl+Shift+M       Switch to Product     •       Change Map Scale     •       Map Detail     •       Show Toolbars     •       Hide Status Bar     •	Name A	Zoom In Max	Ctrl +	
Hide GPS Map Detail Ctr1+G Show Crosshair Ctr1+H Show MiniMap Ctr1+Shift+M Switch to Product Change Map Scale Map Detail ctr2 Show Toolbars V View Hide Status Bar		Zoom Out Region	Ctrl -	
Show Crosshair Ctrl+H Show MiniMap Ctrl+Shift+M Switch to Product Change Map Scale Map Detail Ctrl-Shift+M Map Detail Ctrl-Shift+M Change Map Scale Map Detail Ctrl-Shift+M Change Map Scale		Hide GPS Map Detail	Ctrl+G	
Show MiniMap Ctrl+Shift+M Switch to Product Change Map Scale Map Detail Show Toolbars Hide Status Bar Hide Status Bar		Show Crosshair	Ctrl+H	
Switch to Product Change Map Scale Map Detail Show Toolbars Hide Status Bar Hide Status Bar		Show MiniMap	Ctrl+Shift+M	
Change Map Scale Map Detail Show Toolbars Hide Status Bar Wide D fat		Switch to Product		•
Map Detail  Show Toolbars  Hide Status Bar  Kinde Data		Change Map Scale		
Show Toolbans V Viaw Hide Status Bar Viaw		Map Detail		
Hide Status Bar		Show Toolbars		▶ ✓ View
a Male Marco De te Taba		Hide Status Bar		✓ <sup>k</sup> ransfer
Hide User Data Tabs V Tools		Hide User Data Tabs		✓ Tools
View in Gongle Earth Find		View in Google Earth		Find
File				- File
Edit				Edit
Track Edit				Track Edit
Show All Toolbars				Show All Toolbars
Hide All Toolbars				Hide All Toolbars

While you are at it, Make sure that map detail is set on "Highest".



2. Zoom out to a reasonable scale and use the Hand tool to drag the map till you see your area of interest displayed on the screen. Your area of interest is many 1000's of km away? Zoom out lots. You can use other functions to move to location X, but they are generally more difficult to use.





Zoomed out display of TnW base map below.

TnW base map dragged to area of interest, below.

![](_page_2_Figure_5.jpeg)

3. Once you get to where you are interested in, zoom in to your best guess of "area of interest" using the Zoom IN Box tool. You want to zoom in now because the detail of the better maps is a bit overwhelming if you are zoomed out too far.

![](_page_3_Figure_3.jpeg)

![](_page_4_Figure_2.jpeg)

4. Switch to your alternative map source in the little "what map to view" window in the top left.

![](_page_4_Figure_4.jpeg)

5. The display changes:

![](_page_5_Figure_2.jpeg)

6. We look to be zoomed out too far still, so use the zoom in box to home in on the area of interest a bit more.

![](_page_5_Figure_4.jpeg)

7. Assuming you can now see the maps you want in the GPS, switch to the Map Select tool.

![](_page_6_Figure_3.jpeg)

8. And select the map sheets you want in the GPS unit by clicking on them. If you make a selection error, another click toggles a selected map "off".

![](_page_6_Figure_5.jpeg)

9. Once you have your set of maps selected, choose Transfer / Send to Device. (Your GPS needs to be turned on and hooked up to a USB port on your computer for this to work.)

![](_page_7_Figure_2.jpeg)

10. A simple dialogue box that volunteer to send "Maps" to the GPS should pop up. Unsurprisingly, click Send.

![](_page_7_Figure_4.jpeg)

- 11. After you have allegedly sent maps to the GPS, page to the GPS map display and verify the maps are there. Every once in awhile, the Send fails. If it does fail, try again.
- 12. No GPS found? Wiggle all connections, re-boot, hook everything up again, the usual list of computer "fixes".