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Instructions for displaying .GPX snowmobile trails (tracks) and intersections, parking and businesses (waypoints) on your GPS receiver

Updated Jan 2017

Thank you for purchasing snowmobile trail files for your GPS receiver.

A quick summary of the basic steps to follow is below, detailed steps are included below that.

IMPORTANT: These instructions are not for the Garmin GPS Overlay file available for download or SD card. If you purchased the download, the instructions are included with your overlay file. SD card users, just pop your card in.

1. Save files to your computer's hard drive.
2. Run software that communicates with your GPS receiver.
3. Choose which trails to upload to your receiver, upload (tracks).
4. Upload all businesses and parking to your receiver (waypoints).
5. Upload all trail intersections to your receiver (waypoints).
6. Enjoy your ride!

Step 1: You will need software on your PC that lets you download AND UPLOAD your waypoints, routes and tracks. If needed, EasyGPS is a free program that communicates with numerous makes & models of receivers. The following instructions show screen shots using EasyGPS.

Step 2: Save your purchased files to a folder on your computer's hard drive.

Files are NAD83 datum, UTM Zone 18N coordinate system. You can also display these files in Google Earth.

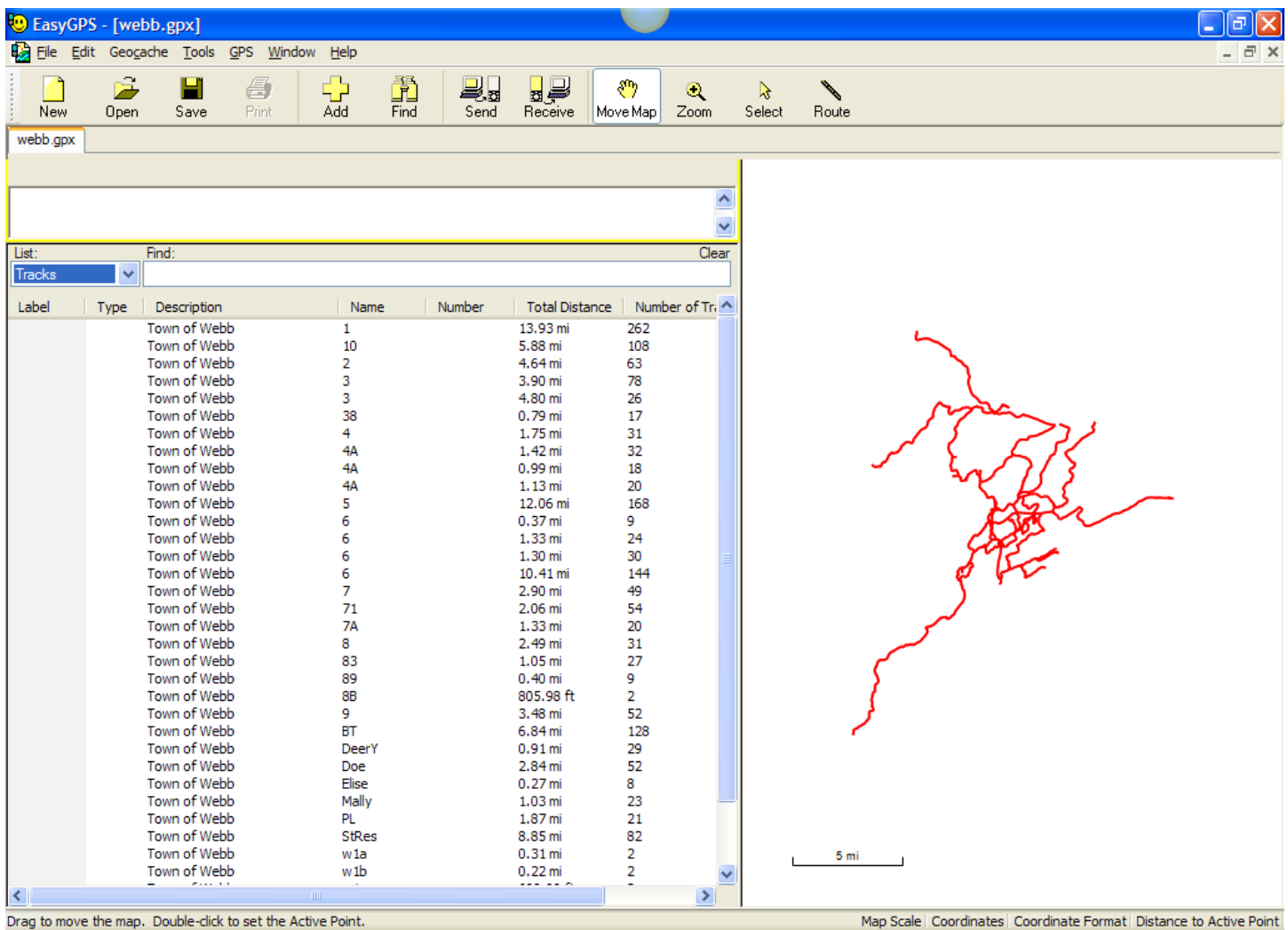
Step 3: On your computer, start the software that communicates with your GPS receiver. You should know how many tracks your unit can hold. Depending on the age and cost of your unit, this could be 10, 20, 200 or some other number. Check your manual or go to your manufacturer's website if you are unsure.

Every effort has been made to reduce the number of tracks for each trail, but in many cases this has been a very difficult task, resulting in multiple tracks for a trail. Depending on where you want to go, you will have to choose which trails to include on your unit.

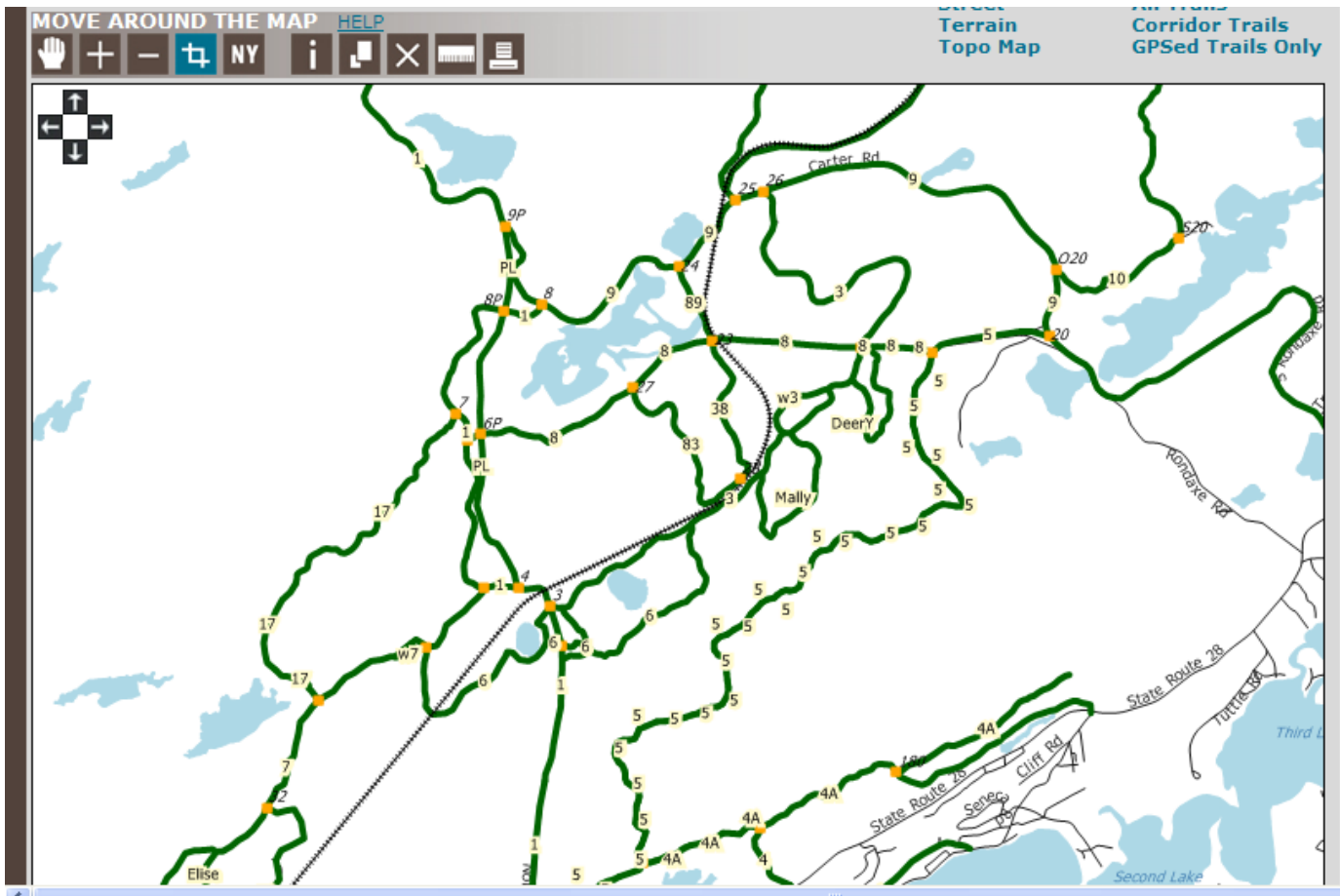
The Name field for the tracks is the trail ID. The description field contains the complete club or town name.

The businesses are included in one waypoint file, for the entire region. The name field associated with each waypoint is a 6-character code, representing the type of business. The complete business name and phone number is included in the description field. Public parking is also included as a separate file.

Code	Type of Business	Code	Type of Business	Code	Type of Business
ALL	Food, Gas & Lodging	GAS	Gas/Convenience store	FDSTAY	Food/Bev/Sp and Lodging
FOOD	Food/Beverages/Spirits	STAY	Lodging	OTHER	All other
FOODGS	Food/Bev/Sp and Gas	STAYGS	Lodging and Gas	SNOWMB	Snowmobile related
PARK	Public parking locations				



The above screen shot is from EasyGPS and shows the Town of Webb trails. The file I opened was Webb.gpx. (GPX is an open source GPS Exchange Format, first developed in 2004). There are 30 tracks. Not a problem if your unit can accept 200 at one time, but definitely a problem if you can only accept 10, like my ancient Garmin GPS II Plus, or 20 tracks like most units.



In this case, you will need to select only those trails that you know you need to have visible in your GPS unit. Refer to the web map to help make your decision. For this example, I'm going to ride up to Independence Lake on trail 1, then come back on trail 9 to trail 3. My software lets me highlight which trails I want, then upload them to my receiver. After using the Ctrl key to select specific trails, I right click, and choose "Send tracks to GPS". Notice that 4 tracks have been selected.

Label	Type	Description	Name	Number	Total Distance	Number of Tr
Town of Webb	1				13.93 mi	262
Town of Webb	10				5.88 mi	108
Town of Webb	2				4.64 mi	63
Town of Webb	3				3.90 mi	78
Town of Webb	3				4.80 mi	26
Town of Webb	38				0.79 mi	17
Town of Webb	4				1.75 mi	31
Town of Webb	4A				1.42 mi	32
Town of Webb	4A				0.99 mi	18
Town of Webb	4A				1.13 mi	20
Town of Webb	5				12.06 mi	168
Town of Webb	6				0.37 mi	9
Town of Webb	6				1.33 mi	24
Town of Webb	6				1.30 mi	30
Town of Webb	6				10.41 mi	144
Town of Webb	7				2.90 mi	49
Town of Webb	71				2.06 mi	54
Town of Webb	7A				1.33 mi	20
Town of Webb	8				2.49 mi	31
Town of Webb	83				1.05 mi	27
Town of Webb	89				0.40 mi	9
Town of Webb	8B				805.98 ft	2
Town of Webb	9				3.48 mi	52
Town of Webb	BT				6.84 mi	128
Town of Webb	DeerY				0.91 mi	29
Town of Webb	Doe				2.84 mi	52
Town of Webb	Elise				0.27 mi	8

Cut Tracks

Copy Tracks

Edit Tracks

Delete Tracks

Send Tracks to GPS

Screen shot with the desired trails selected.

Pop-up menu after right clicking.

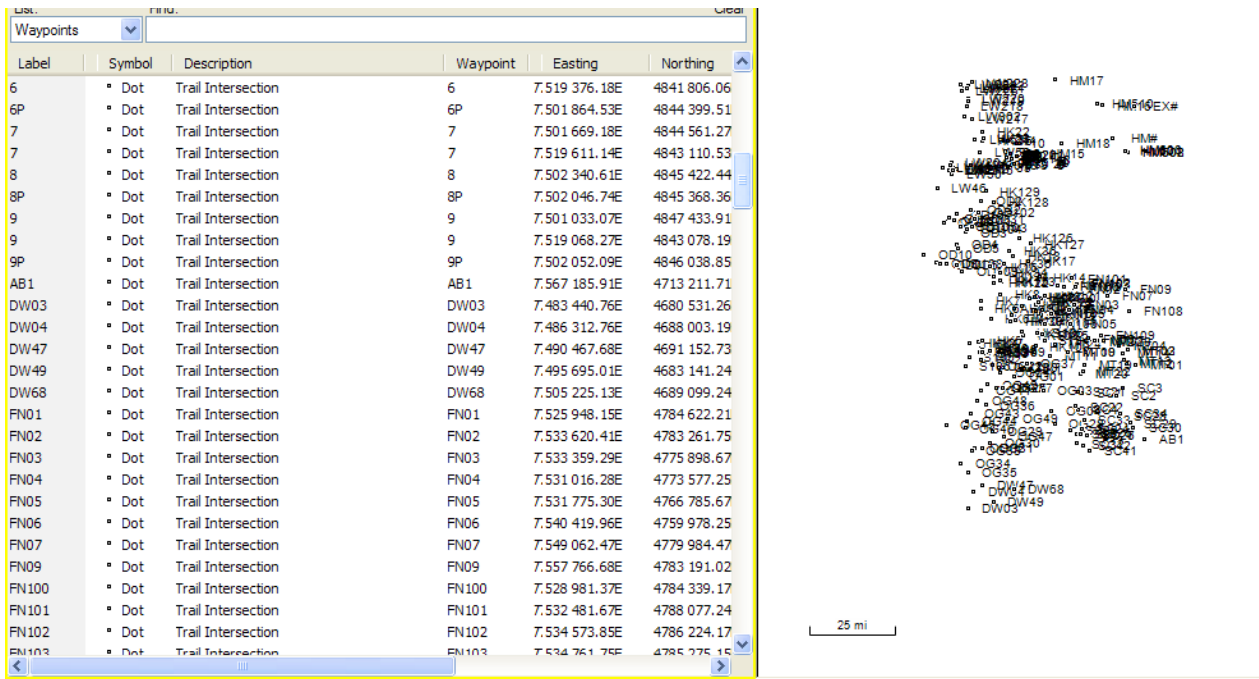


The 4 different trails that uploaded to my GPS receiver. Notice that trail 1 continues quite far to the north, trail 3 comes down from quite far up also. Trail 9 continues further to the east after passing trail 3.

Don't forget to load all the businesses and parking locations. You never know what could happen out on the trail. Below is a screen shot of all the region's participating businesses. A bit congested in places at this zoom level. As of the date of this instruction guide, there are just under 400 waypoints in the file. Even my ancient unit can handle up to 500 waypoints, no problem!

Label	Symbol	Description	Waypoint	Easting	Northing
FOODGS	Dot	French Creek Store and The Sweet Spot ...	FOODGS	.607 171.79E	4658 085.85
FOODGS	Dot	Speedy's Travel Plaza Mapleview Restau...	FOODGS	.410 216.56E	4812 274.74
FOODGS	Dot	Woody's Market 315-347-9787	FOODGS	.481 775.49E	4923 247.41
FOODGS	Dot	The Anchor Bar and Grille 315-676-4651	FOODGS	.406 600.83E	4788 350.00
FOODGS	Dot	The Old Boathouse 315-623-9283	FOODGS	.418 960.66E	4788 832.64
FOODGS	Dot	Grist Mill Restaurant 315-625-7691	FOODGS	.409 753.97E	4806 673.49
FOODGS	Dot	High Peaks Kitchen and Campground 518...	FOODGS	.567 847.97E	4869 072.12
FOODGS	Dot	The Victorian 315-686-4528	FOODGS	.413 808.30E	4897 969.76
FOODGS	Dot	Belly's Mountain View Inn 518-483-4283	FOODGS	.568 278.59E	4950 139.48
FOODGS	Dot	Larkin's Depot and Deli 518-359-9000	FOODGS	.541 647.13E	4898 657.13
FOODGS	Dot	Brighton Minimart 518-327-5256	FOODGS	.565 148.25E	4920 169.29
FOODGS	Dot	The Country Store 315-429-3224	FOODGS	.514 618.08E	4775 799.61
FOODGS	Dot	Moore's Market and Cafe 315-429-9055	FOODGS	.517 413.36E	4776 710.81
FOODGS	Dot	Adirondack Convenience 518-661-5500	FOODGS	.559 696.27E	4773 427.70
FOODGS	Dot	Miller's Deli 607-965-6339	FOODGS	.482 284.34E	4727 669.20
FOODGS	Dot	Pine Tree Inn 315-348-6040	FOODGS	.476 409.09E	4837 366.65
FOODGS	Dot	Schuyler Lake General Store/Gasway 31...	FOODGS	.497 869.51E	4736 776.72
FOODGS	Dot	The Lanterns 315-839-6282	FOODGS	.484 228.33E	4758 085.93
GAS	Dot	Bridgeview One Stop 716-386-3990	GAS	.633 666.93E	4668 104.73
GAS	Dot	Nice N Easy Grocery Shoppe 315-543-76...	GAS	.475 032.93E	4890 091.85
GAS	Dot	Nice N Easy Grocery Shoppe 315-346-63...	GAS	.468 548.51E	4859 898.82
GAS	Dot	Nice N Easy Grocery Shoppe 315-393-33...	GAS	.460 918.59E	4947 895.16
GAS	Dot	Nice N Easy Grocery Shoppe 315-393-44...	GAS	.462 891.04E	4950 536.35
GAS	Dot	Nice N Easy Grocery Shoppe 315-649-27...	GAS	.410 144.54E	4879 379.57
GAS	Dot	Nice N Easy Grocery Shoppe 518-743-00...	GAS	.606 613.44E	4788 208.41
GAS	Dot	Nice N Easy Grocery Shoppe 518-494-96...	GAS	.594 686.57E	4841 838.42
GAS	Dot	Nice N Easy Grocery Shoppe 518-668-92...	GAS	.604 743.86E	4806 371.70

And finally, don't forget the trail intersections.



Questions:

Contact us at Mohawk Valley GIS either by email: balto@mohawkvalleygis.com or by phone: 315-624-9545.

Enjoy your outing!

You can download EasyGPS from here: <http://www.easygps.com/>

Their website includes a list of all makes/models they support.