

Re: DEM-like maps using TYP customisation (GARMIN)

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- *From:* "Olexa Riznyk" <olexa@xxxxxxxxxxxx>
 - *Date:* Mon, 28 Aug 2006 17:49:41 +0300
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Hello Stan and others,

Greg proposes to convert existing elevation polylines into elevation polygons by closing them. In this case all higher polygons would overlap lower polygons. Naturally, Greg needs to use all eight polygon drawing priority levels. That's not nice, because it makes difficult to use other types of polygons (vegetation, manmade features, etc.). It would be better to generate non-intersecting elevation polygons. This would let place all of them at single first polygon drawing priority level, leaving remaining seven levels for other generic polygon types. Of course, other polygons' patterns may need to be changed to make them "transparent" (dithered) to not to hide underlying elevation polygons.

It is possible to use Global Mapper to generate non-intersecting polygons from NASA SRTM .hgt files. Unfortunately, version 7 does not write Polish .mp format: some intermediate format and additional conversion procedure should be used. Maybe, it will be possible to save polygons in ESRI Shapefile format and use cGPSmapper Personal version or higher, or to use registered version of GPSMapEdit to convert Shapefiles to .mp. Global Mapper v. 8 is going to support direct writing of Polish .mp format.

Or, in other way, it looks to be possible to use GPSMapEdit with Michael Sotin's Addons (<http://michus.h12.ru/en/projects/addons.html>) to subtract higher polygons from lower polygons. By the way, it could also generate contour lines from NASA SRTM .hgt files.

Regards,

Olexa Riznyk

----- Original Message -----

From: "gps_mapper" <cgpsmapper@xxxxxxxx>

Newsgroups: sci.geo.satellite-nav

Sent: Friday, August 25, 2006 11:20 PM

Subject: DEM-like maps using TYP customisation (GARMIN)

Re: DEM-like maps using TYP customisation (GARMIN)

Hello,

Just recently I did make available on my site (<http://cgpsmapper.com>)
very interesting article written by Greg Riker on how to create
DEM-like maps which are not only visible in MapSource but also in GPS.

Worth of reading....

Stan