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Subject: Re: Raster DEM to DXF Contours

Posted by [Med Bennett](#) on Wed, 31 Mar 1999 08:00:00 GMT

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asowter@synopticsga.freemove.co.uk wrote:

> I have a raster DEM (16-bit signed) and need to generate vector contours in  
> DXF format. Any cheap methods of doing this (i.e. I don't want to buy a  
> full ArcView or Info license just for this if I can possibly avoid it)?  
>  
> I'm using ENVI and IDL right now and can generate raster contours to my  
> heart's content but I'm told that it doesn't support vector output of this  
> kind.  
>  
> Many Thanks  
>  
> Andy

Do you have access to any flavor of AutoCAD? If so, I think you could save your contours to a postscript file, import them into AutoCAD, scale and translate them as needed, and then DXFOUT. Let us know what you come up with -

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Subject: Re: Raster DEM to DXF Contours

Posted by [dar](#) on Thu, 01 Apr 1999 08:00:00 GMT

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On Wed, 31 Mar 1999 08:33:01 +0100,  
<asowter@synopticsga.freemove.co.uk> wrote:

> I have a raster DEM (16-bit signed) and need to generate vector contours in  
> DXF format. Any cheap methods of doing this (i.e. I don't want to buy a  
> full ArcView or Info license just for this if I can possibly avoid it)?  
>

You can do this in Manifold: import the DEM (USGS domestic DEM or gtopo30 international DEM), use the contour solver to create contours, select the contours and save them as a DXF. See [www.manifold.net](http://www.manifold.net)

Cheers,

Dimitri

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