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Subject: Re: Elevation data

Posted by [jkeller](#) on Tue, 26 Jan 2010 11:12:07 GMT

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On Jan 25, 2:13 pm, Dave\_Poreh <d.po...@gmail.com> wrote:

> Folks  
> Hi;  
> I have an elevation data (elevation.dat), which has lat-long and  
> elevation information. I want to save this file as a .tiff image and  
> doing some surface, shade\_surf, and... presentations.  
> Could someone give me some tiny help for doing that?  
> Any help highly appreciated  
> Cheers  
> Dave

Hi Dave,

do you want to save the data as tiff or do you want to save the  
contour, shade\_surf output images as tiff-file?

Using contour and surface is pretty easy. Assuming your elevation data  
is the variable "elev" and your longitude and latitude information is  
stored in "lon" and "lat" then you can issue a filled contour plot by  
using

```
contour,elev,lon,lat,/fill,level=mylevels,c_color=mycolors
```

giving "mylevels" is an array containing the height levels for which  
contours are desired and "mycolors" is an array defining the color  
indices for the according level.

The surface plot would be even simpler:

```
surface,elev,lon,lat
```

Thats some good points, where you can start. If you are more specific  
about what you would like to do, I could give you a more specific  
answer.

Regards,  
Jan

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