
Subject: contour filling maps

Posted by [M. Hamilton](#) on Tue, 17 Nov 1998 08:00:00 GMT

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hello,

I'm having some trouble filling contours on maps. I'm using a simple standard cylindrical projection, making an elevation/bathymetry map. If I go beyond certain regions, the colors get all messed up...

I suspect the problem is related to the limitation of filling contours or polygons over maps that cover more than a hemisphere, but, it seems like there should be a work around (I hope... ???).

Thanks for the help. Please respond via email also to mikeh@pmel.noaa.gov.

Mike

Michael Hamilton mh@u.washington.edu

Subject: Re: contour fill

Posted by [davidf](#) on Fri, 25 Aug 2000 07:00:00 GMT

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Stephen O'Sullivan (so@amsta.leeds.ac.uk) writes:

> I am trying to get IDL to isolate the values contained within a closed
> contour of a plotted data array. Basically, I want to perform a
> calculation using these values instead of cloouring them in like /fill
> does.
>
> Any help would be greatly appreciated!

```
valuesIwant = Where(dataArray GE lowContourLevel $  
    AND dataArray LE highContourLevel)  
result = Mean(dataArray[valuesIwant])
```

Cheers,

David

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