
Subject: Re: contour filling maps

Posted by [Vap User](#) on Wed, 18 Nov 1998 08:00:00 GMT

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"M. Hamilton" <mh@u.washington.edu> writes:

Which version of IDL are you using? Are you using /fill or /cell_fill?
There are some known problems with contour,/cell_fill in IDL 5.0 which
can only be resolved by upgrading. My version of the online help (idl
5.1.1) warns that the lon/lat arrays must be monotonically increasing
when filling. (The warning comes in the section devoted to
/cell_fill, but implies the caveat should be followed when using
/fill also) Does you longitude array have a mixture of east and west
longitude? There is also a warning not to fill cylindrical projections
up to the pole, but rather a little shy of the pole, say +/-89.9
instead of +/-90.

>
>
> 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 teh 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... ???).
>

I was unaware of any such limitation.

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

>
> Mike

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> _____
> Michael Hamilton mh@u.washington.edu

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I don't speak for JPL, it doesn't speak for me.

Well, not all the time, at least.
William Daffer <vapuser@haifung.jpl.nasa.gov>
