
Subject: Re: contour filling maps
Posted by [davidf](#) on Tue, 17 Nov 1998 08:00:00 GMT
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M. Hamilton (mh@u.washington.edu) writes:

> 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...

Ah, oh. Here we go again. Have you tried CELL_FILL?

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438
E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

[Note: This follow-up was e-mailed to the cited author.]

Subject: Re: contour filling maps
Posted by [M. Hamilton](#) on Wed, 18 Nov 1998 08:00:00 GMT
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On Tue, 17 Nov 1998, David Fanning wrote:

> M. Hamilton (mh@u.washington.edu) writes:
>> 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...
>
> Ah, oh. Here we go again. Have you tried CELL_FILL?

I see my printed documentation was out of date... cell_fill worked like a charm (although a little more slowly - but, it worked, which is all I care about in this case).

Thanks much for the help.

Mike

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

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

--
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>
