
Subject: Re: Filled Contour Colors on Maps Incorrect
Posted by [R.Bauer](#) on Wed, 26 Sep 2001 14:19:22 GMT
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David Fanning wrote:

>
> Martin Downing (martin.downing@ntlworld.com) writes:
>
>> The CONTOUR bug can be illustrated very well in your code by just switching
>> off /FILL in the first contour call, or trying this to illustrate it:

Sorry this is no bug.

You should use /CELL_FILL instead of /FILL with maps.

CELL_FILL

Because of the handling of missing_data I always use /cell_fill without maps too.

regards
Reimar

Set this keyword to produce a filled contour plot using a "cell filling" algorithm. Use this keyword instead of FILL when you are drawing filled contours over a map, when you have missing data, or when contours that extend off the edges of the contour plot.

```
>>  
>>  
>> Map_Set, 0, 180, /CYLINDRICAL, LIMIT=limit, $  
>>   Position=[0.1,0.15,0.9,0.9], $  
>>   Color=white, charsize=2  
>> ; edited first call with FILL unset  
>> Contour, data, lons, lats, $  
>>   C_Colors=cn, Color=WHITE, $black, $  
>>   Max_Value=cmax, Min_Value=cmin, $  
>>   Levels=clevels, /OVERPLOT  
>> wait, 5 ; Time to see that the unfilled contours make sense  
>> ; now do the original call:
```

```
>> Contour, data, lons, lats, $
>>      C_Colors=cn, Color=WHITE, $black, $
>>      Max_Value=cmax, Min_Value=cmin, $
>>      Levels=clevels, /FILL, /OVERPLOT
>> ; Oh dear - the filled contours have has no relation to the unfilled
>> contours
>
> No, alas. If I try to overplot filled contours
> onto a previously constructed contour plot, the colors
> are correct ONLY if that contour plot is not associated
> with a map projection.
>
> Cheers,
>
> David
>
> --
> David W. Fanning, Ph.D.
> Fanning Software Consulting
> Phone: 970-221-0438, E-mail: david@dfanning.com
> Coyote's Guide to IDL Programming: http://www.dfanning.com/
> Toll-Free IDL Book Orders: 1-888-461-0155
```

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<http://www.fz-juelich.de/icg/icg1/>

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a IDL library at Forschungszentrum Juelich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

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read something about linux / windows

<http://www.suse.de/de/news/hotnews/MS.html>