
Subject: Re: Filled Contour Colors on Maps Incorrect
Posted by [David Fanning](#) on Wed, 26 Sep 2001 12:44:08 GMT
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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:
>
>
> 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

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