
Subject: Re: Map_set contour on TV image??

Posted by [David Fanning](#) on Fri, 19 Dec 2003 03:15:06 GMT

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Son writes:

```
> I want to draw contour lines on a image.
> I wrote some codes as follows:
> -----
> Window, 1, color=256, xs=500, ys=500
> Map_set, /Cylindrical, limit=[28,117,42,132], /continents $
>      , /hires, Mlinethick=1., /NoErase, /Isotropic
> ;      , position=[0.05,0.05,0.95,0.95]
> TVSCL, Rotate(scan, 7)
>
> ; Contour, data, xlon, ylat, /follow, position=[0.05,0.05,0.95,0.95] $
> ;      , NLevels=20, XStyle=1, YStyle=1, /NoErase, /Overplot
>
> Map_continents, /hires, color=255, /fill_continents, /cylindrical
> Map_continents, /coast, color=0, /hires, /cylindrical
> ; Map_grid, charsize=1.25, color=200, latdel=2, lonel=2 $
> ;      , /box_axes, GlineStyle=2
> -----
> However, the map continents & coast do not fit on the image.
> What do I need to modify?
> If anyone know about it, please let me know.
```

Change this:

```
TVSCL, Rotate(scan, 7)
```

To this:

```
warp = Map_Image(Rotate(scan,7), LatMin=28, LatMax=42, $
    LonMin=117, LonMax=132, xx, yy, xs, ys)
TV, warp, xx, yy, XSize=xs, YSize=ys
```

Cheers,

David

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