
Subject: Re: contour outside the limits

Posted by [David Fanning](#) on Thu, 15 Sep 2005 17:35:34 GMT

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lajam@caramail.com writes:

> I'm using the contour function to draw values on a sub-region of a map.
> The problem is that I obtain contour outside the limits I have defined.
> I read the idl guide and went on this group but I didn't find the right
> way to draw the contour. I have contour outside the limits only on one
> side of my sub-region for the region between (-10.5E;-41.5E) and
> latitude=57.5N. Hereafter my code:

```
>  
> nlevels=24  
> labels=fltarr(nlevels)  
> limits=[40,-60,80,0]  
> colors = fltarr(nlevels)  
> for i = 0, nlevels-1 do begin  
>   colors(i) = 10 + i * (229-20) / (nlevels-1)  
> endfor  
> labels=[-1,0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22]  
> map_set, /cylindrical, color=white, /noerase, /continents,  
> Limit=limits, xmargin=5, ymargin=10  
> map_continents, color = black, mlinethick= 2.0  
> map_grid,/box_axes  
>  
> x=sst_nadr[1,*] ; the longitude between -10.5E and -41.5E  
> y=sst_nadr[2,*] ; the latitude between 44.5N and 57.5N  
> sst=transpose(sst_nadr[3,*]) ; the values  
> contour,sst,x,y, levels = labels, c_colors = colors, /overplot,  
> /cell_fill, /irregular  
>  
>  
> Does anybody have an idea of the "bug"?
```

XSTYLE=1 and YSTYLE=1 keywords are missing on your Contour command. Does anybody else really like automatic axis scaling? :-(

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
