
Subject: Re: map plotting

Posted by [ben.bighair](#) on Sun, 07 Sep 2008 14:21:26 GMT

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On Sep 7, 4:06 am, mkmva...@gmail.com wrote:

> Hello,
> I have a code that plots the coordinates in a global map. I just
> wanna use the same procedure but i need to differentiate the
> coordinates with
> different colors and I tried using color tables but the color of any
> of the points in the map not getting changed. Can anyone help me fix
> this? I'm appending the code that I have to plot these points on the
> map. All I want is to change the color of the points that I have on
> the map. The code below just plots the asterisks on the map... I just
> wanna change the color of those asterisks.
> Thanks,
> Mahesh

> -----
> LOADCT, 26
> ;color_tab = [0,2,20,31,42,47,50,55,60, 65,80,89,96,
> 100,109,112,114,127,130,133,144,\$
> ;169,183,192,199,210,214,3, 10,230,240,246,255,203,142,157]
> set_plot,'ps'
> ;!p.font = 0
> ;device,filename=strmid(file3,56,19)+'timeseries'+'.ps'
> device,filename=strmid(file3,56,23)+'timeseries'+'.ps'
> ;plot,findgen(100),/nodata,background=!d.n_colors-1
> ;!P.background=!d.n_colors-1
> map_set , /hammer,limit = [-40,-180,40,180],color=0;,/hires
> ;map_set , /mercator,limit = [0,50,40,100],color=0
>
> map_continents,/continents,/countries,color=0
> oplot,lon,lat,psym=2,symsize=1.0,color=25
> oplot,[-180,180],[0,0],color=180,linestyle=1
> map_grid, color=0,latdel=10,londel=20
> -----

Hi,

Check out <http://dfanning.com/documents/tips.html#PostScript>

Cheers,
Ben

Subject: Re: map plotting

Posted by [MarioIncandenza](#) on Mon, 08 Sep 2008 20:11:05 GMT

On Sep 7, 1:06 am, mkmva...@gmail.com wrote:

> map. All I want is to change the color of the points that I have on
> the map. The code below just plots the asterisks on the map... I just
> wanna change the color of those asterisks.

Do you mean that you want the color of each XY point to be specified
in a third array (Z)? To do that, you will need the routine OPLOTS,
which is a simple extension to OPLOT to take care of things like that.
Search this group to find the routine, and call it like:

```
oplots,X,Y,psym=2,color=COLOR_INDICES
```

--Edward H.
