
Subject: Re: map_set, date line problem
Posted by [Andy Loughe](#) on Tue, 21 Mar 2000 08:00:00 GMT
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jogi38@my-deja.com wrote:

>
> Dear folks,
>
> I'm a truly beginner with IDL and just encounter a
> problem I can't handle with the manuals I have.
>
> I just tried to plot a map with the longitude
> limits 165 E - 140 W. So I used the eight element
> form of the LIMITS vector and put in the
> coordinates of my edges. What I got is a blank
> picture. If I use the four element vector with
> lonmin, lonmax parameters I ran in the problem
> that lonmax must be -140 and lonmin 165. A
> conversion to 0 - 360 degrees wasn't successful.
>
> So have anybody a solution for the beginner?

Here is one possible solution for a cylindrical projection...

```
latmin   = -90.      ; Southern-most latitude
latmax   = 90.       ; Northern-most latitude
lonleft  = 165.      ; Lefthand longitude
lonright = -140. + 360. ; Righthand longitude
lat_center = .5*(latmin + latmax) ; Center latitude
lon_center = .5*(lonleft + lonright) ; Center longitude
map_set,lat_center,lon_center,limit=[latmin,lonleft,latmax,lonright],/cont,/iso
```

Andrew F. Loughe email:loughe@fsl.noaa.gov phone:(303)497-6211

Subject: Re: map_set, date line problem
Posted by [davidf](#) on Tue, 21 Mar 2000 08:00:00 GMT
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Joerg (jogi38@my-deja.com) writes:

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I guess if I was a beginner I'd spend some time
poking around that Coyote site. I'd probably start
with this article:

http://www.dfanning.com/tips/map_center.html

Cheers,

David

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