
Subject: Re: map_set for negative data and grid
Posted by [David Fanning](#) on Tue, 02 Jan 2007 03:35:04 GMT
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skymaxwell@gmail.com writes:

```
> i have map_set procedure trouble for negative longitude and latitude
>
> i was looked at tip there http://www.dfanning.com/tips/map\_center.html
> so there recommended use X_lon and Y_lat coords for map_set
> so if i use
>
> WINDOW,1
> map_set,LIMIT=[20,0,50,30],/grid,/continents,/hires,/isotrop ic
>
> then cells of grid are covering map by rectangles
>
> if i use as recommended (with 2 coords)
> WINDOW,0
> map_set,35,15,LIMIT=[20,0,50,30],/grid,/continents,/hires,/i sotropic
>
> then cells of grid are NOT covering map by rectangles
```

Yeah, that's a problem I don't understand. Perhaps it's a bug. In fact, the grid lines get clipped to the LIMIT, whereas the continental boundaries get clipped to the rectangular box of the map projection. You can see what I mean with this sequence of commands:

```
map_set,35,15,LIMIT=[20,0,50,30], /cylind, /iso, $
  position=[0.1, 0.1, 0.9, 0.9]
map_continents
map_grid, /box, /label
```

I'd ask ITTVIS what was up with that. :-)

Cheers,

David

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
