Subject: Re: map_set for negative data and grid Posted by David Fanning on Tue, 02 Jan 2007 03:35:04 GMT View Forum Message <> Reply to Message

skymaxwell@gmail.com writes:

```
> i have map_set procedure trouble for negative longtitude 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], /cylin, /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

David Fanning, Ph.D. Fanning Software Consulting, Inc. Coyote's Guide to IDL Programming: http://www.dfanning.com/ Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: map_set for negative data and grid

Posted by skymaxwell@gmail.com on Wed, 10 Jan 2007 21:47:44 GMT View Forum Message <> Reply to Message

Hello

any answers from ITTVIS?

David Fanning wrote:

- >
- > I'd ask ITTVIS what was up with that. :-)
- > Cheers,
- > David
- > David Fanning, Ph.D.
- > Fanning Software Consulting, Inc.
- > Coyote's Guide to IDL Programming: http://www.dfanning.com/
- > Sepore ma de ni thui. ("Perhaps thou speakest truth.")