
Subject: Re: Cylindrical map projection screwed up?
Posted by [Liam Gumley](#) on Fri, 13 Nov 1998 08:00:00 GMT
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Jonathan Joseph wrote:

> I've been doing some stuff using cylindrical map
> projections using set_map. So, darn it, I expect
> my lines of longitude to be vertical, and my lines
> of latitude to be horizontal in the image.
>
> But, when I set the LIMIT keyword to just look
> at a small portion of the globe, this is not
> the case. In fact, I only get a true cylindrical
> projection if the min and max latitude have the
> same magnitude, ie. -30 to 30 degrees.

Try this:

```
map_set, 30, -80, limit=[20,-100,40,-60], $  
  /cyl, /isot, /cont, /grid ; Bad result
```

```
map_set, 0, -80, limit=[20,-100,40,-60], $  
  /cyl, /isot, /cont, /grid ; Good result
```

Cheers,
Liam.

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