Subject: Re: Cylindrical map projection screwed up?
Posted by Jonathan Joseph on Fri, 13 Nov 1998 08:00:00 GMT
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Hmmm.

It looks like this could be it.  I had switched from a different
type of map projection and didn't look closely at those
numbers.  I had been setting them to be the middle of the
range of latitude/longitude that I was looking at.  However,
I'm not sure I understand what meaning they could have in
a cylindrical projection.

Thanks.

-Jonathan

Liam Gumley wrote:
>
>  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 cylidrical
>>  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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