
Subject: Re: IDL 8.1 Map Projections

Posted by [natha](#) on Fri, 07 Oct 2011 13:28:57 GMT

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You should know that the max and min latitude on the Mercator projection is $\pm 85.05113^\circ$. That's why you don't see anything on the poles....

http://en.wikipedia.org/wiki/Mercator_projection

nata

Subject: Re: IDL 8.1 Map Projections

Posted by [David Fanning](#) on Fri, 07 Oct 2011 13:36:39 GMT

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nata writes:

> You should know that the max and min latitude on the Mercator
> projection is $\pm 85.05113^\circ$. That's why you don't see anything on the
> poles....
> http://en.wikipedia.org/wiki/Mercator_projection

Yes, maybe so. But why cut things off at 75 degrees then? There is a lot about these map projections that seem really arbitrary (and undocumented) to me.

I don't understand, for example, why the aspect ratios of the map projections in the graphics window are what they are. I presume there *is* a reason, but I just can't find it anywhere.

Cheers,

David

--

David Fanning, Ph.D.

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Seppure ma de ni thui. ("Perhaps thou speakest truth.")
