
Subject: Re: map: integerized sinusoidal

Posted by [David Fanning](#) on Fri, 20 Feb 2009 22:18:59 GMT

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Roman writes:

> After trying out for several days to map (hundreds of) MODIS MOD14A2
> products in IDL, I hope someone can help me here ! I went through
> older comments on that but I really don't know where is my mistake !
> The dataset and the boundaries of the continents/coast lines dont fitt
> to each other. In the upper right corner yes but than it gets worse to
> the lower right corner !
>
> Thank you in advance for any help - cheers Roman
> -----
> Datasets are HDF files, 1200 x 1200 rows/columns, resoultion 1 km in
> integerized sinusoidal projection.

This lousy problem has taken over my life! :-)

I don't know what it is, but I hate it when I think I know something and I don't. (I don't mind being dumb, but I don't like to be stupid.) So, because I thought this was a simple problem, I got most annoyed when my simple solutions wouldn't work with it. And when I get annoyed, I do tend to get a little over-the-top tenacious.

But, as with so much in life, there is always more to learn. I *finally* figured out how to do this in a simple way. I know a little bit more about this now then I knew a couple of days ago. And the price I paid to gain this knowledge was pretty dear, so I'm not likely to forget it. That's a plus, too, I guess.

Anyway, I wrote an article about this in case anyone else wants to avoid banging their head against a wall. :-)

http://www.dfanning.com/map_tips/modis_overlay.html

And a special thanks to Garrison Keillor and Ana Ivanovic for inspiration. And, of course, to Roman and to all the others on this newsgroup whose simple questions are sometimes the hardest to answer.

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.")
