
Subject: Re: how to make lat/long grid for MODIS in IDL
Posted by [dm_gty88](#) on Wed, 30 Oct 2013 05:52:58 GMT
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Thanks for the link but I'm trying to make an array that would contain the latitude values and another to hold the longitude values. Somewhat like given a MODIS 1200x1200 image and its the coordinates for its corners, I will produce two variables containing 1200x1200 arrays with the lat and long values. Can't seem to get a result like that from the procedure you posted.

On Thursday, October 10, 2013 9:35:38 PM UTC+8, David Fanning wrote:

> dm_gty88 writes:

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>> I've been trying to make a 2-dimensional array containing lat and long values for the MOD09A1 (basically georeferencing). I've tried using the map_proj_init and map_proj_inverse functions but the output is way off the bounds of my tile. Does anyone have a way to do this in IDL? Other software/methods would be okay but it'll be great if I could use IDL for this. The only data I could supply is are the corners of the tile and other metadata in the MODIS file, like sphere

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> radius. Thanks!

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> You might be interested in this article:

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> http://www.idlcoyote.com/map_tips/modis_overlay.html

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> Cheers,

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> David

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> David Fanning, Ph.D.

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- > Fanning Software Consulting, Inc.
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 - > Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
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 - > Sepore ma de ni thue. ("Perhaps thou speakest truth.")
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