
Subject: Mapping large satellite files

Posted by [khyde](#) on Wed, 06 Nov 2013 18:40:22 GMT

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Hello,

I have a very large (36000 x 16000) equidistant global satellite file that I would like to remap to a smaller (4096 x 2048) global projection. In the past with smaller satellite files, I have just used MAP_PATCH, but the bigger files cause memory allocation problems. Does anyone have a suggestion on how I can I can create these files without running out of memory?

The original satellite files can be found here:

http://podaac.jpl.nasa.gov/dataset/JPL_OUROCEAN-L4UHfnd-GLOB-G1SST

My MAP_SET call is:

MAP_SET, /CYLINDRICAL, 0, 0, ISOTROPIC = 1, POSITION=[0.0, 0.0, 1.0, 1.0],/NOBORDER

If anyone has any advice I would greatly appreciate it.

Thank you,

Kim

Subject: Re: Mapping large satellite files

Posted by [David Fanning](#) on Wed, 06 Nov 2013 18:43:20 GMT

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khyde writes:

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Congrid?

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
