Subject: Mapping large satellite files

Posted by khyde on Wed, 06 Nov 2013 18:40:22 GMT

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