
Subject: Re: Need GOES Image Expert

Posted by [David Fanning](#) on Tue, 18 Mar 2008 05:24:02 GMT

[View Forum Message](#) <> [Reply to Message](#)

Kenneth P. Bowman writes:

- > If you want to plot GOES data on maps, I suggest getting files from the NOAA CLASS
- > archive
- >
- > <http://www.nsof.class.noaa.gov/saa/products/welcome>
- >
- > You can order them in a variety of file formats, including my favorite, netCDF.

Alright, in the future I'll screen my clients more carefully. :-)

- > These files are "navigated", which means that they have a longitude and latitude
- > attached to each pixel, so they can be mapped with MAP_PATCH.

Well, I have an image, and I have the navigation files. I've run them through MAP_PATCH, and waited the 10 minutes while they are processed. The results are "nearly" correct, depending to a large extent on which pair of glasses I've managed to find.

They are reasonably correct in the center of the image, and much less so near the edges. I've explained to my client that he must be interested in data only near the center of the image, but he just stared at me. I don't know what his problem is.

- > I might even be willing to part with some code to display the files if
- > suitably persuaded. :-)

Well, I can't make you rich, just famous. :-)

Cheers,

David

P.S. Oh, hang on! I was going to make an image to show you what I am talking about, but just for kicks I set the HIRES keyword on MAP_CONTINENTS. The results are MUCH better. Not perfect. But too good for me to complain.

Then I tried the GSHHS data files, and the results are even better. Sorry I wasted your time. I'll write an article though, because I never understood what you were suppose to do with navigation files.

Map projections are fun again! :-)

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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