
Subject: Re: AVHRR Image Mapping Problem
Posted by [David Fanning](#) on Fri, 15 Dec 2006 20:33:15 GMT
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Matt writes:

> Not sure. I use the IDL+ENVI package, which may or may not be able to
> handle it. I say this because I have never tried doing anything with
> vector data but the most basic operations in ENVI. Seeing that it's an
> image analysis program, I would be surprised if it's vector capabilities
> are very robust. Conversely, if you had ArcGIS you could probably
> convert your vector data to your required format in 5 minutes.

I recall a conversation with Adam, the main programmer of ENVI, in which he told me ENVI was going to design their own map projection software because "IDL's sucked". I took this with a grain of salt because, well, you had to know Adam. Nevertheless, I've never heard a word of protest about ENVI's map projections, but I do, occasionally, hear complaints about IDL's. I am wondering now if this is what he meant by that remark. And if so, why don't we have access to those ENVI routines?

This is the first time I've ever run into a problem with the map projections, although I don't do much of this. I have, on several occasions, had to work harder than I thought I ought to be working to get a decent result, but I have the same problem with my service game on a tennis court, so I haven't been too bothered by it. This is the first time I just have not been able to come up with what I consider a satisfactory result.

The fact that Jean can get continental outlines on the image in other software really points to a MAP_SET deficiency as the culprit, it seems to me. At least that is my current hypothesis.

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.")
