
Subject: Re: AVHRR Image Mapping Problem
Posted by [James Kuyper](#) on Fri, 15 Dec 2006 18:23:07 GMT
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David Fanning wrote:

> kuyper@wizard.net writes:

>

>> One thing you could check is the possibility that the standard

>> parallels are reversed: does it work better if you use -21 and +19?

>

> Humm. Well, now the upper part of the map is correct, but

> the error is transferred to the lower part of the map.

> (I just multiplied the standard parallels by minus 1.)

> Does this give you any clues?

Actually, yes. I have no idea why the standard parallels might be incorrect, but given the symptoms you describe, it might be worthwhile to try 19.99999 and -20.00001. IDL doesn't like it when the standard parallels add up to exactly zero. That is unfortunate, because a Albers projection with standard parallels adding up to zero is a different way of describing the cylindrical equal-area projection, one of my favorite map projections, and one that IDL doesn't support.
