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Subject: Re: GeoTiff- grid

Posted by [David Fanning](#) on Tue, 22 Jan 2008 22:47:19 GMT

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robinson.inj@gmail.com writes:

- > David, I followed your examples but still have problems. In the uv
- > space my corners IDL and ENVI agreed
- > UpperLeftCoordinate:(-167346.0185E, 3677892.5566N)
- > LowerRightCoordinate:(1222128.8184E,2983386.7945N)
- > My image has 3000 col x 1500 lin. The pix resolution is 463.3127
- > meters.

I get an image resolution of 2999 x 1499 when I take the corner coordinates, subtract them, and divide by the pixel resolution. The fact that ENVI and IDL agree is a good thing, but in all of the GeoTIFF files I've been working, with doing this arithmetic gives me the image size exactly. So, that concerns me.

- > However in the lon/lat space i got:
- > IDL: UpperLeftCoordinate: (-98.555279E, 45.411655N)
- > LowerRightCoordinate: (-81.568627E,51.346972N)
- > ENVI: UpperLeftCoordinate: (-98.09914722E, 33.30501389N)
- > LowerRightCoordinate:(-84.82142500E, 27.55810278N)

Unless you are using the \*completely\* wrong map projection (how did you determine what this is?), then it looks to me like you didn't convert the corners you thought you were converting.

But I would like to see the listgeo output to know what I am dealing with here.

Cheers,

David

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David Fanning, Ph.D.

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Coyote's Guide to IDL Programming ([www.dfanning.com](http://www.dfanning.com))

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

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