
Subject: Re: GeoTiff- grid

Posted by [robinson.inj](#) on Tue, 22 Jan 2008 23:01:56 GMT

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On Jan 22, 4:47 pm, David Fanning <n...@dfanning.com> wrote:

> robinson....@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

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

> Coyote's Guide to IDL Programming (www.dfanning.com)

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

I posted the listgeo list above.
