
Subject: Re: get image data of projected scenes
Posted by [rogass](#) on Wed, 01 Dec 2010 20:42:43 GMT
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On 1 Dez., 21:29, David Fanning <n...@dfanning.com> wrote:

> chris writes:
>> Oh, no, it's not complex data. I meant missing data and measured data.
>> However, the measured data is only in a small stripe and I definitely
>> need it in a matrix without missing data. How can I achieve this
>> without reprojecting or rotating?
>
> Is the strip a rectangle? Do you know the corners of the rectangle?
> Convert the corners from lat/lon coordinates to XY coordinates and
> fit an XY grid over your image at whatever resolution you like.
> Interpolate your image at the xy locations of your grid. Now you
> have an XY projected image in a rectangular array. If you need
> the pixel locations in lat/lon just convert them back to lat/lon
> space with Map_Proj_Inverse.
>
> Cheers,
>
> David
>
> --
> 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.")

Hm, let's make the assumption it is a rectangle. Maybe I can get the image center and pivot it 'back' using the angle between y-axis and along track. What I don't know is what would be better in terms of 'precision'. The grid interpolation or the pivot?

What do you mean?

Thanks for your rapid responses

CR
