
Subject: Re: Map pixel areas

Posted by [David Fanning](#) on Tue, 13 May 2014 14:42:21 GMT

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kimberly.hyde@noaa.gov writes:

> The reason I am trying to figure out the pixel areas is I need to know the difference between a the "projected" area of a specified region of interest and the "true" area of the ROI. I have several dozen maps that have been created using MAP_SET and are used to remap satellite derived data. I have never used MAP_PROJ_INIT and will look into it more, but if I can figure out how to do this with the maps I already have that would be great.

>

> The main thing I am trying to do is determine the areal production within a subsetted area of the map. Because we are using the sum of the pixels in the ROI, I need to know both the "projected" size and the "actual" size (which I already know), to get an accurate areal estimate. Again, I am not sure I am explaining this very well, but I do appreciate any suggestions.

Why would you be concerned with the "projected" area if you know the actual area? Isn't one a visualization, a figment of the imagination, and the other a real, actual, physically meaningful quantity?

In any case, I really don't have a clue how this could be done with Map_Set. Sorry. :-(

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

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