
Subject: Re: Conversion Between UTM and Lat/Lon Coordinates

Posted by [APound](#) on Tue, 15 Jan 2008 19:25:31 GMT

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On Jan 15, 11:35 am, David Fanning <n...@dfanning.com> wrote:

> Folks,
>
> I have a geoTiff image in a UTM projection. And I have
> the corners and center of the image in UTM coordinates.
> To put political boundaries on this image, I need to
> create the proper UTM map projection space. In order
> to do that, it seems to me, I need to know the center
> of the map projection (or image) in latitude and longitude
> space. (Since MAP_PROJ_INIT seems to require this.)
>
> Therefore, it seems to me I need to convert my UTM
> coordinates to lat/lon coordinates. I have found
> JAVA applets on the Internet to do that, but it would
> be nice to have a little IDL program to do it. Does
> anyone have such a thing? Would you like me to publish
> it on my web page so you can become famous? :-)
>
> 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.")

David,

I found a fairly straight forward website on the formulas, but it is a bit over my head... Maybe you'll be able to glean something from that...

<http://www.uwgb.edu/dutchs/UsefulData/UTMFormulas.HTM>

Good luck,

APound
