
Subject: UTM WGS-84 projection with IDL?
Posted by [remkoxl](#) on Thu, 11 Mar 2004 12:14:26 GMT
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Hi all,

At the moment I try to import my (ENVI) images into IDL. The binary files are imported without problems with the OpenR and ReadU commands. The final task is to output my images in publishable maps. So, I want to add country lines etc. (with MAP_CONTINENTS, MAP_GRID).

The thing is that my original image is in a UTM projection (can be set with the MAP_SET command), but the standard here is a Clark 1866 ellipsoid, while my image is in a WGS-84 (zone 26, Greenland). Does anybody know how to derive the parameters defining the ellipsoid (equatorial radius, eccentricity squared, scale on the central meridian) for the WGS-84 projection, so that I can set the ELLIPSOID-keyword right?

Many thanks,
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