
Subject: Re: map_set question

Posted by [Theo Brauers](#) on Thu, 16 Sep 1999 07:00:00 GMT

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Colin Peterson wrote:

>
> If anyone still has the IDL 4.0 User's Guide (1995) please look at page 19-10 to help in
> answering my question here. The picture for the Oblique
> Cylindrical Equidistant map projection interests me because I would like to see both poles.
> I'm using IDL 5.2 on UNIX so that might make a
> difference, but if I type the command on page 19-11:
>
> map_set, 0, 0, 45, LONDEL = 20, LATDEL = 20, \$
> /GRID, /CONTINENT, /CYL, TITLE='...'
>
> to produce this map, it comes up with a simple cylindrical map, but the whole map actually
> rotates 45 degrees, ie the edges of the map are now 45
> degrees from their original horizontal and vertical positions. I would expect the ROT
> value of 45 to create the map on page 19-10 as the book says,
> but it does not. Can anyone explain this discrepancy in the book, and how I can create
> that map on page 19-10? Thanks.
>
> Colin

I dont have IDL 4 on my computer anymore, but I have the manual. I cannot reproduce Figure 19-4 "oblique.." on WinNT 4.0 / IDL 5.2. Also the "transverse mercator .." one doesnt work. There is a /TRANSVERSE_MERC keyword, but it doesnt produce Fig 19.4 (upper right). No idea so far.

Theo
