Subject: Re: shifted .kml created with IDL
Posted by David Fanning on Thu, 02 Aug 2012 21:33:19 GMT
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Titan writes:

> lonlat_kml
>   11.250532   43.859578
>   16.079682   46.500001
>
>
> The problem is that I expected coordinates near to these
> ul_lat =   47.653348
> ul_lon =   8.9734384
> lr_lat =   45.292876
> lr_lon =   13.830713
> which are the corners of the area in which I'm interest.
> Am I still doing everything wrong?? :(

I would say the art of programming is reconciling what
we expect with what we get. :-)

I don't know how to answer you questions. I had my
own set of assumptions from the get-go. The first
is that you described the problem correctly and
accurately. But, since I've never *seen* the problem,
I can't judge if my assumption is correct. I based
my assumption on my experience that when things are
a "little bit off" it usually involves a mismatch
in map projection parameters.

If things are as bad as you now say they are, then
I'm at a complete loss. I suppose you have good
reasons for expecting something different?

Can you confirm the lat/lon values at the corners
of your geoTiff image (with, for example,
Map_Proj_Forward) are what you expect them to be?

They should not change very much, I don't think,
in this coordinate transformation from UTM to
Mercator.

Cheers,

David

--
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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")