Subject: Re: shifted .kml created with IDL

Posted by titan on Fri, 03 Aug 2012 13:21:47 GMT

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On Thursday, August 2, 2012 11:33:19 PM UTC+2, David Fanning wrote:

> 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
>
>
>
>
>
>
>
> --

>
> David Fanning, Ph.D.
>
> Fanning Software Consulting, Inc.
>
> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Ok David,
at least I can say that the code should work fine.. now I can move on to understand where is the trick in my geotiff image.

thanks a lot for your answers, they were all very useful
cheers