Subject: Re: Plotting data over USGS DOQ images.
Posted by Jairo Santana on Tue, 05 Jun 2001 21:20:59 GMT
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Ben,

Thanks a lot for your help. Yes, I will need to convert the (lat,lon) to LL.
The image header has the UTM zone and some other info about the
image. So, that won't be difficult. All I need to do now is set the
coordinate system and overplot the plane path over the image. If the image
is in LL (UTM), how do you establish a coordinate system to be able
to plot the plane path LL (converted from lat,lon) over the image?

Jairo.

Ben Tupper wrote:

> Jairo Santana wrote:
>
>> I need to plot the path of a plane given by (lat,lon) over a USGS
>> DOQ image. The image is in UTM projection and BIP format.
>> Any code, advice, or suggestion will be very much appreciated.
>>
>> Thanks,
>> Jairo.
>
> Hi,
>
> I have attached a ZIPPED bundle of procedures for converting from LL
> to UTM (meters of false easting/northing). If you know the UTM zone
> for your DOQ image, you should be able to overlay the plane's path on
> the image.   Alternatively, you could convert your UTM image coords
> to LL. Then you could use IDL's built in mapping procedures for
> display. I'm not sure if the Map Datum will be important, but it's
> worth paying attention to. I'm not familiar with a BIP format.
>
> Ben
> --
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>
>   --- -----------
>   Name: geo.zip

> geo.zip   Type: Download File (application/x-zip)
>   Encoding: base64