
Subject: Re: GOES_GeoTiff_Plot
Posted by [dlopezaspe](#) on Fri, 23 Jan 2015 15:08:47 GMT
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On Friday, January 23, 2015 at 11:55:30 AM UTC-3, David Fanning wrote:

> dlopezaspe@gmail.com writes:
>
>> Thanks a lot for you aid,
>> the files are in folder... but the screenshot say
>> Trapped error
>> !CGGEOMAP: Specified file does not appear to be a GeoTiff file.
>>
>> Next Screenshot
>>
>> !CGIMAGE: You must pass a valid image argument.
>>
>> is possible version cgimage.pro is older?
>
> No, the problem is that this file is not a GeoTiff file. There is no
> geographic information inside it. You will probably find the information
> you need to navigate the image elsewhere on this GOES site.
>
> See these articles, for example:
>
> http://www.idlcoyote.com/map_tips/goesmap.html
> http://www.idlcoyote.com/map_tips/georeference.html
>
> I think it is also possible to find GOES images that *are* GeoTiff
> images, but not from the place where you got yours. :-)
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Dear David...
that's right my image is a not GeoTiff but your metadata

GOES 13 Imager frame 78 at UTC 14:45:22.485 day 009 of 2015
Vis pixels : 4009, 24840 lines : 2621, 13440
Vis Lon : 999999,999999 Lat : 999999,999999
Imager ch1:count(0,1023) => [(albdo-0)/0.4]^1 =Uchar> (0,255)

```
(xscale,yscale) => (0.571429,1)
Vis pixels: 3650, 28850 lines: 2250, 14250
(xstride,ystride) => (1.75,1)
IMC status: 1
nadir pixel,line: 15352, 8050
Ref lon,d,lat,yaw: -74.99990305, 42164.17478, 0, 0
Attitude roll,pitch,yaw: 0, 0, 0
TIFFTAG_MAXSAMPLEVALUE=255
TIFFTAG_MINSAMPLEVALUE=0
Image Structure Metadata:
  COMPRESSION=LZW
  INTERLEAVE=BAND
Corner Coordinates:
Upper Left ( 0.0, 0.0)
Lower Left ( 0.0,12001.0)
Upper Right (14400.0, 0.0)
Lower Right (14400.0,12001.0)
Center ( 7200.0, 6000.5)
Band 1 Block=14400x1 Type=Byte, ColorInterp=Gray
  Min=0.000 Max=202.000
  Minimum=0.000, Maximum=202.000, Mean=17.296, StdDev=28.196
Metadata:
  STATISTICS_MAXIMUM=202
  STATISTICS_MEAN=17.296223098098
  STATISTICS_MINIMUM=0
  STATISTICS_STDDEV=28.195936872276
*****
```

I read your link before and there find script GOES_GeoTiff_Plot, I thought it was a good idea for an image GOES (are very good and my thanks to you)

http://www.idlcoyote.com/map_tips/goesmap.html
http://www.idlcoyote.com/map_tips/georeference.html

Best Regards
