
Subject: GOES_GeoTiff_Plot

Posted by [dlopezaspe](#) on Thu, 22 Jan 2015 19:29:55 GMT

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Hello comp.lang.idl-pvwave

I have problem with a script GOES_GeoTiff_Plot

Traceback Report from CGGEOMAP:

```
% CGGEOMAP: Cannot locate the specified file:
/home/david/Documents/ceaza/co/goes/1501201445G13I01.tif
% Execution halted at: CGGEOMAP 268
/home/david/IDLWorkspace71/Default/goes/cggeomap.pro
% GOES_GEOTIFF_PLOT 38 /home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr
o
%$MAIN$ 63 /home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
```

Traceback Report from CGIMAGE:

```
% CGIMAGE: You must pass a valid image argument.
% Execution halted at: CGIMAGE 700
/home/david/IDLWorkspace71/Default/idlcodes/coyote/cgimage.p ro
%          GOES_GEOTIFF_PLOT 45
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
%          $MAIN$          63
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
% Unable to invoke method on NULL object reference: <OBJREF (<NullObject>)>.
% Execution halted at: GOES_GEOTIFF_PLOT 48
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
%          $MAIN$          63
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
...
```

I need georeference this product <ftp://anonymous:anon@goes.gsfc.nasa.gov/pub/goeseast/fulldisk/fullres/vis/1501201445G13I01.tif>

thanks a lot

Subject: Re: GOES_GeoTiff_Plot

Posted by [David Fanning](#) on Thu, 22 Jan 2015 20:58:59 GMT

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dlopezaspe@gmail.com writes:

```

> I have problem with a script GOES_GeoTiff_Plot
>
> Traceback Report from CGGEOMAP:
>
> % CGGEOMAP: Cannot locate the specified file:
/home/david/Documents/ceaza/co/goes/1501201445G13I01.tif
> % Execution halted at: CGGEOMAP 268
/home/david/IDLWorkspace71/Default/goes/cggeomap.pro
> % GOES_GEOTIFF_PLOT 38
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
> %$MAIN$ 63 /home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
>
> Traceback Report from CGIMAGE:
>
> % CGIMAGE: You must pass a valid image argument.
> % Execution halted at: CGIMAGE 700
/home/david/IDLWorkspace71/Default/idlcodes/coyote/cgimage.p ro
> % GOES_GEOTIFF_PLOT 45
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
> % $MAIN$ 63
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
> % Unable to invoke method on NULL object reference: <OBJREF (<NullObject>)>.
> % Execution halted at: GOES_GEOTIFF_PLOT 48
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
> % $MAIN$ 63
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
> ...
>
>
> I need georeference this product
ftp://anonymous:anon@goes.gsfc.nasa.gov/pub/goeseast/fulldis
k/fullres/vis/1501201445G13I01.tif

```

I'm going to go out on a limb here, but I think the error message is telling you that you typed the name of the file wrong. Either that, or the file is not where you think it is. :-)

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.")

Subject: Re: GOES_GeoTiff_Plot
Posted by [dlopezaspe](#) on Fri, 23 Jan 2015 14:16:53 GMT
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On Thursday, January 22, 2015 at 5:59:04 PM UTC-3, David Fanning wrote:

```
> dlopezaspe@gmail.com writes:
>
>> I have problem with a script GOES_GeoTiff_Plot
>>
>> Traceback Report from CGGEOMAP:
>>
>> % CGGEOMAP: Cannot locate the specified file:
/home/david/Documents/ceaza/co/goes/1501201445G13I01.tif
>> % Execution halted at: CGGEOMAP 268
/home/david/IDLWorkspace71/Default/goes/cggeomap.pro
>> % GOES_GEOTIFF_PLOT  38
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
>> %$MAIN$ 63 /home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
>>
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>> %
GOES_GEOTIFF_PLOT  45
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
>> %
$MAIN$ 63
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
>> % Unable to invoke method on NULL object reference: <OBJREF  (<NullObject>)>.
>> % Execution halted at: GOES_GEOTIFF_PLOT  48
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
>> %
$MAIN$ 63
/home/david/IDLWorkspace71/Default/goes/goes_geotiff_plot.pr o
>> ...
>>
>>
>> I need georeference this product
ftp://anonymous:anon@goes.gsfc.nasa.gov/pub/goeseast/fulldis
k/fullres/vis/1501201445G13I01.tif
>
> I'm going to go out on a limb here, but I think the error message is
> telling you that you typed the name of the file wrong. Either that, or
> the file is not where you think it is. :-)
>
> 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
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?

Thanks in advanced?
Regards

Subject: Re: GOES_GeoTiff_Plot
Posted by [David Fanning](#) on Fri, 23 Jan 2015 14:55:26 GMT
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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/>

Seppure ma de ni thue. ("Perhaps thou speakest truth.")

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
