
Subject: Re: Read particular band from air temperature image among MOD07 air products

Posted by [Jeff N.](#) on Fri, 15 Jun 2007 18:26:34 GMT

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On Jun 15, 2:00 pm, DirtyHarry <kim20...@gmail.com> wrote:

> Goodday, Everyone! I would like to ask how to process MODIS 07 air
> product.
>
> I am working on 3D-MOD07 image. As most of you may know, the dimension
> of this file is, at least in my knowledge....
>

>
> In order to get the map of band20, I wrote a source code below, but
> this procedure is not working properly.
>

> -----
> pro test
> close, /all
> ns = 270
> nl = 406
> nb = 20
> file = 'MOD072003001.0130_Ta_5km.img'
> openr, 1, file
>
> image = bytarr(ns, nl, nb)
> readu, 1, image
> close, 1
>
> tvscl, image(*, *, 19)
>
> end
>

> -----
> In my opinion, there must be something wrong at this line shown
> below...

> "image = bytarr(ns, nl, nb)"
>

> However, I don't know how to solve this problem... I tried read_jpg,
> and read_gif instead of bytarr, but all of these trials were not so
> successful.

> Please give me any suggestions. Thanks.

> Harry

At the very least, you also need to know the file's interleave, so that you can make sure you are reading the data into memory in the correct order.

Jeff
