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

Posted by [kim20026](#) on Fri, 15 Jun 2007 18:00:28 GMT

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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  
  
tvsc1, 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
