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Subject: Re: Fill value problem in MODIS Processing...  
Posted by [devin.white](#) on Sat, 30 Jun 2007 23:27:03 GMT  
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You might want to try running one of your problematic granules through the MODIS Conversion Toolkit, if you haven't done so already. It's set up to automatically check each SD to see if a fill value is specified and then convert any pixel it finds within the SD that has the fill value to 'NaN' so it won't affect later processing. You could then compare the locations of NaN values in the output file generated by the toolkit to the locations of -9999 in the output file generated by your code. If the locations match, then your code is running correctly. You can download the toolkit here:

<http://www.ittvis.com/codebank/search.asp?FID=485>

On Jun 26, 3:40 pm, DirtyHarry <kim20...@gmail.com> wrote:

> Good day, Everyone!  
>  
> Actually the main topic of my study was wetland modelling few years  
> ago. My co-workers at that time may not like this expression..., but I  
> need some help to "get out of this SWAMP!!!"... T.T  
>  
> I am currently retrieving aerosole optical thickness from MODIS04  
> Aerosole product of 2003 (Level 2, collection 4, and bands of 470,  
> 550, and 660 nm).  
>  
> There are 702 \*.hdf files in 2003 and I processed these in a batch  
> mode. After I ran IDL/ENVI with these data and opened the output  
> file, I found about 550 of 702 lines were processed into fill value  
> (-9999.99), 120 lines were N/I ("not included in the swath"). Only 30  
> lines were reasonable values.  
>  
> Three weeks have passed since I faced this problem. I thought I could  
> solve this problem by myself at first. I checked the source codes ->  
> there was no problem. IDL/ENVI has been running perfectly...  
> Therefore, I thought this problems was just nothing, but I got stuck  
> for over 20 days... I believe it is time to listen to your  
> suggestions.  
>  
> Is there anyone who experienced similar problem like this? Please give  
> me any comments or suggestions. Thanks.  
>  
> Harry

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