
Subject: Re: Fill value problem in MODIS Processing...
Posted by [James Kuyper](#) on Wed, 27 Jun 2007 17:22:52 GMT
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I should have mentioned this in my earlier message, but I didn't think about it:

DirtyHarry wrote:

> I am gathering various MODIS products overpassed near Korean peninsula
> in 2003. the overpassing times of *.hdf files for this simulation are
> as follows.

...

> MOD04_L2.A2003004.0200.004.2003007020309.hdf
> MOD04_L2.A2003004.0205.004.2003007020344.hdf
> MOD04_L2.A2003004.0340.004.2003007023517.hdf

You must have used a large search region; the 03:40 file doesn't really cover Korea, though it comes close: <http://ladsweb.nascom.nasa.gov/browse_images/high.html?fileID=45787585>.

...

> As you can see, Terra overpassed near Korean peninsula sometimes
> once, sometimes twice, sometimes three times a day in 2003. In
> addition, ...

Korea is far enough north that there will occasionally be two different orbits in which Terra MODIS day-mode data is available. Therefore, if the break between 5-minute granules in each orbit happens to occur while flying sufficiently near Korea, you could get as many as four granules of data in one day.
