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Subject: Re: How to retrieve the LAT/LON information from HDF-EOS file with SIN projection?

Posted by [tianyf\\_cn](#) on Fri, 02 Jan 2004 02:31:46 GMT

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You can reproject the data into other projections. There are a few tools at the HDF-EOS tools and information center (<http://hdfeos.gsfc.nasa.gov/>). Also, there is a calculator on the internet which can translate pixel coordinates into Lat/Lon digits, or vice versa.

Tian.

hongbo\_su@yahoo.com (suhb) wrote in message  
news:<506d4427.0312311146.11d0a142@posting.google.com>...

> Hi, there,

>

> I'm processing an HDF-EOS file (MODIS Image). I can get the dimensions

> of the image and read the values of each pixel, but I have difficulty

> to

> get the Lat/Lon information for the pixels.

>

> Anyone has an idea on how to retrieve the coordinates for each pixel

> from HDF-EOS file using IDL? The image is in SIN projection.

>

> Here is a sample file (Image size 240\*240, 17 bands). You can

> download it and have a try (

> <http://hydrology.princeton.edu/~hongbosu/hdf.zip> ).

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> Thanks,

> Hongbo

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