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Subject: Re: Landsat HDF

Posted by [David Fanning](#) on Tue, 11 May 2010 16:46:48 GMT

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Raghu writes:

- > I'm trying to retrieve projection information from a Landsat HDF
- > (HDF4) file using IDL. Using the IDL routines, I'm able to retrieve the
- > data but am not finding any functions or keywords to read the
- > projection information. Apparently, its possible to retrieve these
- > parameters using GDAL but if I can find an IDL/ ENVI solution, it'd be
- > more useful.
- >
- > Basically, I just want to retrieve the corner coordinates of the the
- > four corners of an image as map coordinates (geographic or
- > UTM..whatever the input projection is) and not as pixel coordinates
- > (samples, lines).
- >
- > Please let me know if you have any suggestions.

Where can I find one of these data files with projection information?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thue. ("Perhaps thos speakest truth.")

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Subject: Re: Landsat HDF

Posted by [raghuram](#) on Wed, 12 May 2010 18:59:36 GMT

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Hi David,

Apparently, HDF file types package both the data and ancillary information like projection in a single compact file. So I don't have any extra header files such as \*.hdr accompanying the \*.hdf files where I could read the projection from. The specific HDF file type of the file I'm using is HDF4\_EOS:EOS\_GRID.

Regards,

Raghu

On May 11, 12:46 pm, David Fanning <n...@dfanning.com> wrote:

> Raghu writes:

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>> (HDF4) file using IDL. Using the IDL routines, I'm able to retrieve the  
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