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Subject: Re: SMI/HDF format?

Posted by [d.poreh](#) on Tue, 13 Jul 2010 13:18:48 GMT

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On Jul 13, 5:08 am, Bruce Bowler <[bbow...@bigelow.org](mailto:bbow...@bigelow.org)> wrote:

> On Tue, 13 Jul 2010 04:13:27 -0700, Dave Poreh set fingers to keyboard and  
> typed:

>

>> Folks

>> Does anyone know what is SMI/HDF format? I have some images and I can

>> read by nCDF\_Browser, file, but when I open it is giving me an

>> array(8640,4320) without any coordinates. But what I want is having data

>> in (lon,lat,C) format. If this is for entire glob, how can I do this?

>> Any help?

>> Cheers

>

> SMI = "Standard Mapped Image" (I think) and there are 8640 pixels at the

> equator and 4320 between the poles. From that, there are 8640/360 pixels

> per degree (at the equator) or 0.041667 degrees per pixel. From that you

> can construct a grid which corresponds to the lat and lon at the center

> of each pixel.

>

> Bruce

How could I know where is the 0 0 00 apparently it is not the left  
most pixel. I mean should I have start from -180 for lon (-90 for  
lat)?

Cheers

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