

---

Subject: Re: SMI/HDF format?

Posted by [Bruce Bowler](#) on Tue, 13 Jul 2010 12:08:53 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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

---