
Subject: Re: How to read ASTER in ENVI?

Posted by [Jeff N.](#) on Mon, 27 Aug 2007 14:25:06 GMT

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

On Aug 27, 3:21 am, highstone <gaolei...@gmail.com> wrote:

> hello, I have a secen ASTER data named as "pg-

> other files that have the same filename with suffix such as ".met",
> and so on. When I read it by ENVI from "file----open image file" or
> "file ----open external file---eos---aster", all the bands can be
> showed in "available bands", and the DN of VIR band is float type and
> more than 1, which shows it is not reflectance. I want to know how to
> get the reflectance for visible or infrared bands and the radiance for
> Tir of such ASTER data in ENVI or ERDAS? please help me, thank you.

Just as an FYI: just b/c your data have values greater than 1 does not necessarily mean you don't have reflectance data. FLAASH, for example, commonly outputs "scaled reflectance" data, which is reflectance x some scale factor (you choose it, but 10,000 is common). But I think Mort's right about your data being radiance data in this case.

Jeff
