

---

Subject: Landsat Image weirdness - IDL off topic  
Posted by [Jean H.](#) on Mon, 16 Mar 2009 20:53:24 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi all,

Not too sure where to ask this question... hopefully someone here will know!

Ok, I have downloaded a Landsat 7 ETM+ image from USGS (by the way, their new service, with free historical images is awesome!!)

... but it doesn't look as I hoped it would.. have a look here:  
[http://www.environmentalmodelers.com/WP/sat\\_img\\_problem.gif](http://www.environmentalmodelers.com/WP/sat_img_problem.gif)

Basically, I have, perpendicular to the fly path, some black lines. These lines are not present along the central line of the image, and the further you are from this center line, the wider are the black lines.

Also, on the edge of the image, I can see some data extensions, which surprises me even more!

So, is there anything I can do about this? (I guess it is not an Endian problem as the rest of the image looks good, it's not a data type problem either, not a band interleave pb as it is a single band)

Thanks a lot!  
Jean

---

---

Subject: Re: Landsat Image weirdness - IDL off topic  
Posted by [Jean H.](#) on Mon, 16 Mar 2009 21:00:48 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Jean H. wrote:

> Hi all,  
>  
> Not too sure where to ask this question... hopefully someone here will  
> know!  
>  
> Ok, I have downloaded a Landsat 7 ETM+ image from USGS (by the way,  
> their new service, with free historical images is awesome!!)  
>  
> ... but it doesn't look as I hoped it would.. have a look here:  
> [http://www.environmentalmodelers.com/WP/sat\\_img\\_problem.gif](http://www.environmentalmodelers.com/WP/sat_img_problem.gif)  
>  
> Basically, I have, perpendicular to the fly path, some black lines.  
> These lines are not present along the central line of the image, and the  
> further you are from this center line, the wider are the black lines.

>  
> Also, on the edge of the image, I can see some data extensions, which  
> surprises me even more!  
>  
> So, is there anything I can do about this? (I guess it is not an Endian  
> problem as the rest of the image looks good, it's not a data type  
> problem either, not a band interleave pb as it is a single band)  
>  
> Thanks a lot!  
> Jean

ok, it's "gap data", areas that fall between ETM+ scans... it seems that  
filling data should be available... do you know where I can download  
the fill-in data if I have the scene number?

Thanks again,  
Jean

PS: sorry for finding out the source of my problem 5 seconds after  
sending this email... that must be a murphy's law!

---