
Subject: FLAASH Atmospheric Module

Posted by [Marshad2](#) on Sun, 04 Nov 2007 00:10:44 GMT

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

Hi Dears,

Its a good place to get advice. I am working on MASTER Airborne Simulator data. I have georeferenced various Scenes using GLT technique. The scenes has moderate haze with clear weather. Turbulence is (Winds from 320 degrees at 19 knots). I don't want to lose the radiance of pixels as I am interested in converting pixels radiance to pixel temperatures.

My concern are:

1. Does I need to apply FLAASH module for Atmospheric correction of scenes given the above conditions?
2. If yes. Does Radiance values will be affected. As I mentioned, I don't want to loose the Radiance values.
3. While doing ENVI's FLAASH tutorial for correcting AVIRIS data, on step number 4 it is mentioned to select AVIRIS_1998_scale.txt file. Where can I find similar file for my MASTER data?

AND Lastly,

4. Following step 6 of the same tutorial AVIRIS scale factors between 1995 and 2003 are said to 500 for the first 160 bands and 1000 for the remainder. Where can I find the Scale Factors for my MASTER scenes?

Thank you for your earlist respore.

Best Regards,

Muhammad Arshad

Subject: Re: FLAASH Atmospheric Module

Posted by [Marshad2](#) on Mon, 12 Nov 2007 21:06:26 GMT

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

On Nov 3, 7:10 pm, Marsh...@gmu.edu wrote:

> Hi Dears,

>

> Its a good place to get advice. I am working on MASTER Airborne

> Simulator data. I have georeferenced various Scenes using GLT

> technique. The scenes has moderate haze with clear weather. Turbulence

> is (Winds from 320 degrees at 19 knots). I don't want to lose the
> radiance of pixels as I am interested in converting pixels radiance to
> pixel temperatures.
>
> My concern are:
>
> 1. Does I need to apply FLAASH module for Atmospheric correction of
> scenes given the above conditions?
>
> 2. If yes. Does Radiance values will be affected. As I mentioned, I
> don't want to loose the Radiance values.
>
> 3. While doing ENVI's FLAASH tutorial for correcting AVIRIS data, on
> step number 4 it is mentioned to select AVIRIS_1998_scale.txt file.
> Where can I find similar file for my MASTER data?
>
> AND Lastly,
>
> 4. Following step 6 of the same tutorial AVIRIS scale factors between
> 1995 and 2003 are said to 500 for the first 160 bands and 1000 for the
> remainder. Where can I find the Scale Factors for my MASTER scenes?
>
> Thank you for your earlist respose.
>
> Best Regards,
>
> Muhammad Arshad

Dear Devin:

WOuld you kindly suggest how to supply to filter function file from
calibration report. I have downloaded the spectral response curves for
my data.

Regards,

Arshad
