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Subject: Re: Any idea to read MSU and HIRS/2  
Posted by [Paul Van Delst\[1\]](#) on Fri, 03 Sep 2004 18:23:37 GMT  
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Yamout wrote:

- > Hi there,
- > I am still looking for the kind human who has really read such data.
- > I have attached a sample to this posting. It would be enough to get it
- > in ASCII (x and y for the coordinates and z for the digital numbers)
- > I have tried IAPP and ITPP and AAPP etc all of them are for ATOVS and
- > not TOVS data.

This is simply not true. ITPP == International \*TOVS\* Processing Package. This code has been around since at least the 1980's and was used to process TOVS (HIRS/2, MSU, and SSU) level 1b data into level 2 type products.

But, regardless, the ITPP code is written in Fortran77. If you want to read TOVS level 1b data directly into IDL, I still think you will need to "translate" the Fortran reader code into IDL code. I haven't ever seen IDL code to read TOVS (in particular, MSU) data (that's not to say it doesn't exist). The other option is to use the Fortran code to read the data, process and write what you want out into some intermediate format that is easily readable by IDL. Either way, you're going to have to write some code. Or pay someone to write it for you. There is one highly experienced IDL software consultant that frequents this newsgroup - and I believe he also has a fair bit of experience with reading/processing satellite data. Maybe that's an avenue you should investigate.

paulv

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Subject: Re: Any idea to read MSU and HIRS/2  
Posted by [Yamout](#) on Fri, 03 Sep 2004 18:33:56 GMT  
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Dear Paul,

thank you for your reply and thank you much more that you have not written the magic words or wished me good luck.

As I have told you in my phone call, it is unfortunately true. There is no one who can even convert only one MSU or HIRS/2 data the Level1b to any other format which can be verified (e.g. ASCII).

I could send you a pretty long list of so called "scientists" who have published something with these data but cannot read even only one (e.g. the attachment you have got from me). You may get one of yourself if you make an account in SAA and order some MSU or HIRS/2 from 1991. It would enough for me to get only one file in ASCII.

Regards

Hossein

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Paul Van Delst wrote:

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