Subject: Re: Irregular Satellite data plotting Posted by Chris[6] on Fri, 05 Dec 2008 21:47:41 GMT

View Forum Message <> Reply to Message

On Dec 5, 8:24 am, Ed Hyer <ejh...@gmail.com> wrote:

> Katie,

>

- > OPLOT bizarrely doesn't allow this, but fortunately someone stepped up
- > and wrote the OPLOTS routine that will get the job

done:http://groups.google.com/group/comp.lang.idl-pvwave/bro wse thread/thr...

>

- > If you don't like the selection of symbols available natively, there
- > is also SYMCAT, which will give you just about anything:http://www.dfanning.com/programs/symcat.pro

> So you'd end up with

OPLOTS,lons,lats,psym=SYMCAT(15),color=BYTSCL(temperature)

- > A little dickering with the SYMSIZE and THICK keywords, and you can
- probably get what you want.

> --Edward H.

I have been working on something similar, but for astronomical purposes. You may find this code useful:

http://www.ifa.hawaii.edu/users/beaumont/code/raw/smoothmap.pro

It creates a smoothed map from a set of measurements on a spherical surface. The code is still being refined, but has been behaving for me lately.

Chris