Subject: Re: Irregular Satellite data plotting
Posted by Craig Markwardt on Fri, 05 Dec 2008 02:09:58 GMT
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On Dec 4, 8:22 pm, greer.katel...@gmail.com wrote:

- > I have some satellite temperature measurements that are taken at
- > regular latitude intervals but irregular longitude intervals.
- > Eventually, I will interpolate everything, but first I would like to
- > make a plot with a square indicating the location of the measurement
- > (longitude and latitude) that is colored to indicate the relative
- > temperature. Does anyone know how to do this? It seems simple to me
- > in concept, but have been unable to come up with a solution. (I keep
- > getting advice about how to do this in matlab with pcolor, but I need
- > to stay in idl with this one) Thanks in advance for any advice you
- > might have!

I'm sure that something like this, for i = 0, n_points-1 do begin oplot, [lon[i]], [lat[i]], psym=6, color=(temp[i]-MINTEMP)/(MAXTEMP-MINTEMP)*255 endfor will be a good place to start. You will have to play around with how the color is calculated.

Craig

P.S. David, I used [] array notation against my better judgement.