

---

Subject: Re: Irregularly Lat Lon Grid: Displaying Land Types  
Posted by [Klaus Scipal](#) on Thu, 16 Sep 2004 07:54:37 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

In principle it depends on the grid you use. In global remote sensing for example, irregular grids are in fact often the product of a sinusoidal projection, i.e the number of gridpoints decreases with latitude to get equally sized cells.

Anyway, a quick and dirty way of doing the plotting is to define a usersymbol which is a filled circle and then use plots with the color keyword. Color must have the same size as your lon,lat files and it should contain the colorcodes of the parameter you want to display.

The code might look as follows

```
a=Findgen(32)*!pi/16.  
r=0.1  
UserSym,r*cos(a),r*sin(a),/Fill ; define a usersymbol which is a circle and  
has the radius r
```

```
Plots,lon,lat,Psym=8,Color=color
```

regards

Klaus

"Thundurstruck" <alonge@atmos.albany.edu> wrote in message  
news:fd11a4c5.0409130848.5fbf26c4@posting.google.com...

> Hello all,

>

> I have vegetation type data (Integer 1-13) on a 12km grid and  
> would like to display it on a map. I don't want to contour the data  
> but rather just display the grid boxes colored according to the  
> vegetation class. I can't use map\_image (not a regular lat/lon grid).  
> Any ideas or suggestions will be greatly appreciated.

>

> Running IDL 5.4 on SGI IRIX

---