
Subject: Printinf Latitudes & Longitudes in a MAP using IDL

Posted by [IDEAL](#) on Tue, 01 Nov 2005 22:09:06 GMT

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Hello ,

Trying to use IDL to grid data to a MAP. I need some help on displaying latitudes and longitudes in a MAP using IDL.

I have the data to be shown on the map in img3 variable

and here is the code I am using for showing the data in a MAP

```
latmin = 15
```

```
latmax = 60
```

```
lonmin = -140
```

```
lonmax = -50
```

```
MAP_SET, /cylindrical,LIMIT=[latmin, lonmin, latmax, lonmax]
```

```
img3 = MAP_IMAGE(img1,Startx,Starty, COMPRESS=1,LATMIN=latmin,  
LONMIN=lonmin,LATMAX=latmax, LONMAX=lonmax)
```

```
;Display the warped image on the map at the proper position:
```

```
tvsc1,img3 ,Startx,Starty
```

```
; Draw continent outlines:
```

```
MAP_GRID, /BOXAXES,latdel=10, londel=10, latlab=-139, lonlab =  
15,/LABEL,/HORIZON
```

```
; Draw gridlines over the map and image:
```

```
MAP_CONTINENTS, /coasts, /countries
```

I get the latitudes and longitudes values along the inside border of the bounding box created by MAP_SET. How can I show the values of the latitudes and longitudes outside the bounding box created by MAP_SET

Thank You
