
Subject: Re: GeoTiff- grid

Posted by [David Fanning](#) on Tue, 22 Jan 2008 23:31:51 GMT

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Well, I tell you what. Here are the numbers I get when I use a
LAT=20 and LON=-96.5:

Corner Coordinates:

Upper Left: (-167346.019, 3677892.560)

Lower Left: (-167346.019, 2982923.485)

Upper Right: (1222592.132, 3677892.560)

Lower Right: (1222592.132, 2982923.485)

Corners in Lon/Lat

Upper Left: (-98.555, 51.338)

Lower Right: (-82.367, 45.408)

Here are the values I get (surprisingly close to
ENVI's) when I use a LON of 2, instead of 20:

Corner Coordinates:

Upper Left: (-167346.019, 3677892.560)

Lower Left: (-167346.019, 2982923.485)

Upper Right: (1222592.132, 3677892.560)

Lower Right: (1222592.132, 2982923.485)

Corners in Lon/Lat

Upper Left: (-98.037, 33.346)

Lower Right: (-85.323, 27.832)

Are you sure you did the ENVI numbers correctly?

Here is the way I set up the map projection:

```
map = MAP_PROJ_INIT(9, $  
    DATUM=5, $  
    CENTER_LAT=20.0, $  
    CENTER_LON=-96.5)  
lonlat = MAP_PROJ_INVERSE([xorigin, xend],[yend, yorigin], $  
    MAP_STRUCTURE=map)
```

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

