
Subject: MAP_SET

Posted by [dean](#) on Wed, 31 Aug 1994 04:18:45 GMT

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I am attempting to use MAP_SET to add a satellite projection to an image. However, the map doesn't cover the whole area. The image is 519x298 and the map only covers 0:518,0:289 (about 10 pixels short on the top). Can some one tell me how to get the map to fit the whole image.

```
lat0 = -0.340134
lon0 = -90.3042
NW_lat = 44.756
NW_lon = -109.456
NE_lat = 44.326
NE_lon = -93.063
SE_lat = 29.123
SE_lon = -92.527
SW_lat = 29.311
SW_lon = -105.340
xmval(0) = 0
xmval(1) = 0
ymval(0) = 0
ymval(1) = 0
```

```
map_set, lat0, lon0, 0, $
sat_p = [6.61128827325631,0,0], $
/Satellite, $
/USA, $
/NOERASE, $
/NOBORDER, $
Xmargin = xmval, Ymargin= ymval, $
Limit = [ NW_lat, NW_lon, $
          NE_lat, NE_lon, $
          SE_lat, SE_lon, $
          SW_lat, SW_lon ]
```

```
***** \ *****
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```

Subject: Re: MAP_SET

Posted by [Daniel Schroder](#) on Thu, 22 Jun 1995 07:00:00 GMT

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dean@phobos.cira.colostate.edu wrote:

>

> I was just reading about the new enhanced mapping features with IDL 4.0. I
> have been using IDL for several years and I am still unable to add a map to
> a satellite image with one (or two) points off the globe.

>

> Is there a way to add a map? Can you help me? Here is a sample to read in
> a GOES-8 image located on anonymous FTP //castor.cira.colostate.edu/dean
> called nhemi.img. I provided a mapset with the corner information and sub-
> satellite point. One point is off the globe.

An extra question , does this remapping facilitate polar orbiting
satellites.

Daniel

<http://rene.sfri.ac.za>
