
Subject: HELP! How to place a map above a 3d surface????

Posted by [scv](#) on Wed, 11 Sep 1996 07:00:00 GMT

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I wish to plot a 3D isosurface of some weather data and then place a map in a horizontal plane directly above the surface.

When I try and do this, I have been unable to place the map correctly.

My code goes something like this:

```
;*** note _data_ is a 3d array containing the weather data ***
```

```
map_limits = [ -50.0, 110.0, -0.75, 175.25 ]
```

```
threshold = 0.2
```

```
datasize = SIZE(data)
```

```
SHADE_VOLUME, data, threshold, vertex_list, polygon_list
```

```
SCALE_3, X RANGE=[0, datasize(1)], Y RANGE=[0, datasize(2)], $
```

```
  Z RANGE=[0, datasize(3)], AX=30, AZ=30
```

```
image = POLYSHADE(vertex_list, polygon_list, /T3D)
```

```
ERASE
```

```
TV, image, /DATA
```

```
MAP_SET, 0, 0, 0, LIMIT=map_limits, /ISOTROPIC, ZVALUE=1.0, /NOERASE, /T3D
```

```
MAP_CONTINENTS
```

Can anyone help me?
