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Subject: Contour Plot w/ Colorbar

Posted by [Ammar Yusuf](#) on Tue, 01 Feb 2011 15:11:30 GMT

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Here's a picture I have: <http://i.imgur.com/9tmJ2.png>. It's of a contour with the color on the side vertically. The problem I'm having is that the numbers are not showing up on the colorbar and they cut off when I pull up the postscript file to excel. Here are the relevant calls that I'm making in IDL.

```
SET_PLOT, 'PS'
```

```
Device, BITS_PER_PIXEL=8, COLOR=1, /ENCAPSULATED, FILENAME =  
results_folder + 'weighted_temp1' + time + '.eps', xsize = 4, ysize =  
4.5712, /INCHES
```

```
contour, data, x, y, max_value = max_bright, min_value = min_bright, $  
/Fill, C_Colors = indgen(levels), background = 1, xstyle = 4, $  
ystyle = 4, levels = userLevels, /normal, color = black, $  
Position = [0.02, 0.1, 0.82, 0.80]
```

```
colorBar, NColors=levels, divisions=6, Range = [min_data, max_data], $  
format='(I5)', Position = [0.88, 0.10, 0.95, 0.90], Color = black,  
$  
/vertical, /right
```

So my question is what can I do to make the numbers on the colorbar appear?

I tried changing xsize and ysize and I saw more of the numbers but it didn't help much. It made the image bigger than I wanted it. Also don't worry about the black stuff in the contour image. I did that on purpose. Thanks!

- Ammar

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