
Subject: Image division causes Floating illegal operand
Posted by [elsueniero](#) on Thu, 18 May 2006 17:55:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello,

I am writing a small program to calculate NDVI from MODIS images. I got a mask of the valid pixels (no clouds or water) and two calibration coefficients. The code is

```
partA = (b1*coef[0,1] - b0*coef[0,0])*mask  
partB = (b1*coef[0,1] + b0*coef[0,0])*mask
```

```
ndviimg = partA / partB
```

```
ind = Where(Finite(ndviimg, /NAN), count)  
IF count GT 0 THEN ndviimg[ind] = -1000.0
```

But I allways get an "Program caused arithmetic error: Floating illegal operand" even if the resulting image looks good.
The problem is in the division, because if I comment the line, it won't show.

Any ideas how to avoid this?
