
Subject: Re: TIFF Read/Write Bug?

Posted by [David Fanning](#) on Fri, 10 May 2013 21:08:55 GMT

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David Fanning writes:

```
> If I add color vectors to the file, watch this:
>
> ;*****
> outFilename = 'forest.tif'
> ageimage = read_tiff(file_which('boulder.tif'))
> agelImage = Fix(ageimage)
> Help, agelImage
> dims = SIZE(ageimage, /DIMENSIONS)
> missingIndices = long(randomu(seed, 1000) * product(dims))
> agelImage[missingIndices]=-999
> TVLCT, r, g, b, /GET
> Write_Tiff, outFilename, Reverse(agelImage,2), GEOTIFF=geo, $
> /SHORT, /SIGNED, RED=r, GREEN=g, BLUE=b
> testImage = Read_Tiff(outfilename)
> testimage = Reverse(testimage,2)
> Help, testImage
> END
> ;*****
>
> AGEIMAGE      INT      = Array[1071, 1390]
> TESTIMAGE     BYTE     = Array[1071, 1390]
>
> Is that weird, or what!?
```

For me, at least, it doesn't matter what kind of data I put into the TIFF file (I've tried SHORT, LONG, FLOAT, and DOUBLE), if I add color vectors, then I can ONLY get BYTE data back from the file.

Again, Windows 64-bit and IDL 8.2.2.

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
