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Subject: Re: identify the pixel location of a specific value  
Posted by [greg michael](#) on Tue, 06 Jun 2006 13:06:21 GMT  
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Try:

```
b=min(a,i)
```

If a is your image, b will be the minimum value, and i the position of that value within a.

regards,  
Greg

Mike wrote:

```
> Hi,  
>  
> Actually I want to specify the pixel location of the minimum value of a  
> single-banded image.  
> I compute statistics at first. Write down the minimum value.  
> and then? thanks.
```

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Subject: Re: identify the pixel location of a specific value  
Posted by [David Fanning](#) on Tue, 06 Jun 2006 13:17:58 GMT  
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greg michael writes:

```
> If a is your image, b will be the minimum value, and i the position of  
> that value within a.
```

Actually, the \*first\* position of the minimum value within a.  
The minimum can obviously be represented more than once in an image. To find \*all\* the minimum values, you might use the WHERE function:

```
indices = Where(a EQ Min(a), count)  
Print, 'There are ' + STRTRIM(count,2) + ' minimum values.
```

Cheers,

David

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David Fanning, Ph.D.  
Fanning Software Consulting, Inc.  
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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Subject: Re: identify the pixel location of a specific value

Posted by [Mike\[4\]](#) on Wed, 07 Jun 2006 01:05:09 GMT

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Many thanks.

However, I am a newbie in IDL.

I don't even know how to open the "a" image.

I've tried `DIALOG_READ_IMAGE( )`.

But it doesn't show the image I want.

It is a EVI standard image.

So how to read it in "a", and then processing in a way you mentioned.

Mike.

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