
Subject: Re: Number precision using READ_ASCII
Posted by [David Fanning](#) on Tue, 13 Sep 2005 15:36:31 GMT
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Julio writes:

```
> I'm using READ_ASCII to read a text file, like this:
>
> ; ENVI Point Collection
> ; projection info =3D {Geographic Lat/Lon, WGS-84, units=3DDegrees}
> ; Image X, Image Y, Lat, Lon
>      1997.00      3636.00    -24.572741    -53.650743
>      1923.00      3572.00    -24.555407    -53.672654
>
> I'm reading only the lat/lon values, but it cuts the last to numbers.
> Example:
>
> -53.650743 is being read as -53.6507
>
> How can I avoid it?
```

I seriously doubt this is what is happening. It is MUCH more likely that when you print the number to the display screen you are using a print format that doesn't have enough decimal places. Try something like this:

```
Print, lat, Format='(F10.6)'
```

Cheers,

David

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