
Subject: Scientific Notation

Posted by [Jeff\[2\]](#) on Mon, 08 Sep 2008 23:02:11 GMT

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Hello,

I have a trouble with a very large number... Comments are welcome!!!

I have the following data subset:

lat, long, data

-24.2 -56.3 234.4

-24.1 -56.2 456.5

-24.2 -56.2 NaN

-24.5 -56.3 232.4

-24.7 -52.3 NaN

....

I need to fill the NaN cells with 1.70171e38. I'm doing this:

```
index = where(finite(temp, /nan), count)
```

```
if count ne 0 then temp[index] = 1.70141e38
```

It works fine. Then I'm exporting it to an ascii file (using output_to_ascii_doit) and I got:

-24.2 -56.3 234.4

-24.1 -56.2 456.5

-24.2 -56.2 *****

-24.5 -56.3 232.4

-24.7 -52.3 *****

....

How can I write this right number (1.70171e38) correctly?

Thanks!
