

---

Subject: Re: reading in a long line of data  
Posted by [ben.bighair](#) on Thu, 08 May 2008 16:38:53 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On May 8, 12:18 pm, te...@atmsci.msrc.sunysb.edu wrote:

> Hi, I am trying to read in a long line which has around 2520 values  
> all in scientific notation (ie 1.2E+02, etc). I tried the following:  
>  
> x=strarr(2520)  
> x[\*]='12345678'  
> readu,unit,x  
>  
> Then converting to floating point. This doesn't seem to work since  
> the data is in scientific notation. Does anyone have any suggestions?  
>

Hi,

The easiest way might be the following...

```
x = ""  
READF, U, x  
x = FLOAT(STRSPLIT(x, ",",/EXTRACT))
```

which assumes comma delimited data.

If you know exactly how many items are in a row you can get fancier with explicit format statements. But this simpler form should be OK.

Cheers,  
Ben

---