Subject: Re: Precision Problem

Posted by DMac on Mon, 24 Jul 2006 21:05:08 GMT

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Thanks a bunch guys. That was the problem i.e. I should use 1.000d-002 rather than the single precision literal 1.000e-002.

Solved all my problems.

I really appreciate the prompt and accurate replies.

Derek M.

```
Paul Van Delst wrote:
> Paul Van Delst wrote:
>> You're correct. If you want more than 6/7 decimal place precision, you
  I really should have said if you want more than 6/7 meaningful significant figures...
>
>> need double (at least, for it to be meaningful):
>> IDL> x=10000000.0
>> IDL> print, x, format='(f12.2)'
>> 1000000.00
>> IDL> x=x+0.1
>> IDL> print, x, format='(f12.2)'
   10000000.00
>>
>> IDL> x=10000000.0d
>> IDL> print, x, format='(f12.2)'
>> 1000000.00
>> IDL> x=x+0.1d
>> IDL> print, x, format='(f12.2)'
   10000000.10
>>
>>
>> paulv
>>
>
>
> Paul van Delst
                        Ride lots.
> CIMSS @ NOAA/NCEP/EMC
                                        Eddy Merckx
> Ph: (301)763-8000 x7748
> Fax:(301)763-8545
```