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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)'

>> 10000000.00

>> IDL> x=x+0.1

>> IDL> print, x, format='(f12.2)'

>> 10000000.00

>>

>> IDL> x=10000000.0d

>> IDL> print, x, format='(f12.2)'

>> 10000000.00

>> 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

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