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Subject: Re: Precision Problem

Posted by [Paul Van Delst\[1\]](#) on Mon, 24 Jul 2006 19:34:23 GMT

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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

>

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Paul van Delst            Ride lots.

CIMSS @ NOAA/NCEP/EMC

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