## Subject: Re: NCEP Reanalysis Temperature Data Problem Posted by ben.bighair on Thu, 25 Oct 2007 18:42:56 GMT

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On Oct 25, 2:33 pm, David Fanning <da...@dfanning.com> wrote:
> Folks,
>
> OK, just so we are all on the same page here. The time data
> in this NetCDF file is in hours since 1 January 0001. (Strange,
> but true.) BUT, here is the thing, you are not *suppose*
> to worry about that. What you are suppose to worry about
> is the time *difference*.
>
> So, in this data set, if I subtract time[1]-time[0]
> I should have the number of hours between the two
> measurements. If I divide by 24, I should get the number
> of days:
>
    IDL> Print, (time[1]-time[0]) / 24
>
        31
>
  In fact, if I do this:
>
>
    IDL> Print, (Shift(time,1) - time) / 24
>
>
> I get a comforting series of 31s and 30s, with the occational
  28 thrown in there to give me hope!
  So, all appears to be well in the Universe again. :-)
  Thanks for everyone's help.
>
All this help was, ehem, timely?
Cheers.
Ben
```