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Subject: Re: Contour dimension problem

Posted by [Kenneth P. Bowman](#) on Fri, 25 Nov 2011 16:02:06 GMT

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In article <cca14042-fbbd-40da-a693-70828da8c455@s17g2000pra.googlegroups.com>, Mat <mga1@waikato.ac.nz> wrote:

> I'm trying to create a contour plot of temperature, depth and time.  
> Right now I have the temperature at 13 depths and 30169 date/times as  
> "temp" FLOAT [13, 30169], "depths" Int[13], and "time" FLOAT[30169].  
>  
> I don't have my dimensions right for the following command:  
>  
> IDL> contour, temp, time, depths  
> % CONTOUR: Array must have 2 dimensions: TEMP.  
> % Execution halted at: \$MAIN\$  
>  
> Does anyone know the command to contour this data with one degree  
> contours?  
>  
> Thanks for your help

Try

HELP, temp, time, depths

If temp = temp(depth, time)

Then you should call

CONTOUR, temp, depth, time

I hope your data is very smooth in the time dimension.

Ken Bowman

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