Subject: Re: Contour command
Posted by David Fanning on Mon, 02 Feb 2009 04:54:47 GMT

xiao writes:

> Hi~ everyone, i have a question about CONTOUR command.
> I have an array which is 365*180. The max value of the array is about
> and the min is 0.
> But when i plot it using CONTOUR. it gave me very weird plot. it
> seems that IDL plot the array for multiple times.
> Is there anything wrong with my program here?
>
> Thank you very much
>
>
>   day=indgen(365)+1
>   lat=indgen(180)-90
>   flux=fltarr(365,180)
>
> for i=0,364   do begin
> for j=0,179   do begin
>
>   insol,day(i),lat(j),tinsol,sigma
>   flux(i,j) = tinsol
>
> endfor
> endfor
>
>   help,flux
> contour,flux,day,lat
>   end

Do you mean, besides the usual things people always do wrong? :-)

   http://www.dfanning.com/documents/tips.html#CONTOURPLOTTIPS

I'd especially read the tip about not allowing IDL to choose
contour intervals for you.

Cheers,

David
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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")