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Subject: Re: problem of contour  
Posted by [wfzhao](#) on Mon, 24 Mar 2008 06:49:03 GMT  
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> On Mar 22, 12:30 am, wfz...@bjmb.gov.cn wrote:

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>

>

>>> Hi, all

>>> I meet a strange problem,when I use the contour procedure to generate  
>>> precipitation contour plot,the total AWS stations is about 24, just  
>>> one has rainfall at 0.6mm,others are zero.

>>> so I use this data and a contour plot can be created(around this  
>>> station with 0.6mm rainfall, there is few station)

>

>>> but if the total stations is about 150, and the same situation that  
>>> only this station has 0.6mm rainfall, there will be no contour plot,  
>>> which means the whole map will be the same colors presenting zero. the  
>>> distribution of stations' location is not even, some places are many  
>>> stations ,some are not. but around this station with 0.6mm rainfall  
>>> there are many stations.

>

>>> by the way, my color table scale is like '0,0.2,1,2,...'

>>> so anyone can tell me what happen?

>

>> Hi,all

>

>> I know what happen, when I use the procedure'griddata', the keyword  
>> 'smoothing' is 0.05 (I specify it),so the contour plot is nothing,when  
>> I change it to 0.01,the contour plot is correct.

>> then I check the help information about smoothing, just few  
>> information

>

>> so I want to know , in the griddata procedure, for the Inverse  
>> Distance method, how to specify the smoothing keyword correctly?

>

>> thanks

>> wenfang

>

> Hi Wenfang,

>

> I think you are not getting a response from the group (which is very  
> responsive) because of the way you have framed your question. There

> isn't anything easy to framing a question well - it takes a lot of  
> time - and sometimes the solution appears even as you compose the  
> question! YeeHa!  
>  
> I happened to have questions about GridData a short while ago (see<http://tinyurl.com/2w5d2h>) ,  
> and I got many productive responses. I  
> think I got good responses because I made it as easy as I could on the  
> newsgroup readers to help - an short reproducible example, a  
> description of how I knew the results were "wrong", etc.  
>  
> Anyway, the short of it is I would love to help, but I can't penetrate  
> the issue because you have unveiled the problem in a way I can  
> understand.  
>  
> The one thing I can say is that I agree, the documentation for the  
> SMOOTH keyword to GridData is not helpful. There doesn't seem to be  
> any reference cited for this method, but this might be a good start...  
>  
> [http://en.wikipedia.org/wiki/Inverse\\_distance\\_weighting](http://en.wikipedia.org/wiki/Inverse_distance_weighting)  
>  
> Cheers,  
  
>

thanks a lot.

English is my secnd langugage,so sometimes I don't know how to  
describe my problem:)

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