## Subject: Re: problem of contour
Posted by wfzhao on Sat, 22 Mar 2008 04:30:00 GMT
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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
> ony 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

## Subject: Re: problem of contour
Posted by ben.bighair on Sun, 23 Mar 2008 20:35:04 GMT
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On Mar 22, 12:30 am, wfz...@bjmb.gov.cn wrote:

>
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> thanks
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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

Cheers,
Ben

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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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> http://en.wikipedia.org/wiki/Inverse_distance_weighting
>
> Cheers,

>


thanks a lot.
English is my secend langugage,so sometimes I don't know how to
describe my problem:)