Subject: Re: problem of contour

Posted by wizhao on Sat, 22 Mar 2008 04:30:00 GMT

View Forum Message <> Reply to Message

- > 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