
Subject: Re: problem with TRIANGULATION option in CONTOUR

Posted by [Ardhuin](#) on Tue, 26 Oct 2010 06:04:36 GMT

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On 26 oct, 02:54, David Fanning <n...@dfanning.com> wrote:

> Ben Tupper writes:

>> When I load the data you have posted and generate the triangulation I
>> get a different number of triangles than you. You can see this in the
>> output of help - note that tri2 has 19160 vertices. Also, you clip the
>> maximum Z value when you use TRIGRID but you don't specify it for
>> CONTOUR. I don't know if these are important issues, but perhaps you
>> are unwittingly comparing apples to oranges?

Hi, yes, obviously: the TRIANGULATE command will make more triangles because it will also fill the land, which I do not want. So, why is my set of triangles not working in contour ?? That looks like a bug to me.

And if I try

CONTOUR,Z,X,Y,xstyle=5,ystyle=5, TRIANGULATION=TRI,/CELL_FILL,
MAX_VALUE=10000.

I still get the same error:

% Out of range subscript encountered: <LONG Array[66453]>.

% Execution halted at: \$MAIN\$

Fabrice
