
Subject: Re: weird behavior of Triangulate

Posted by [David Fanning](#) on Sat, 01 Sep 2012 14:45:48 GMT

[View Forum Message](#) <> [Reply to Message](#)

Jenny writes:

> Hi David, I was actually following your example of GRIDDATA:[http://](http://www.idlcoyote.com/code_tips/usegriddata.html)
> www.idlcoyote.com/code_tips/usegriddata.html
> My data is similar as your NCEP data used in your example, except they
> are on 0.5 and 0.75 lat/lon degree (unprojected). I should have said
> they are irregular! Any ideas why Triangulate works on the first set
> but not the second?

Yes, but did you read that article through to its conclusion?
If you did, you might agree with me that GridData is a
bit of a dog's dish.

Every four or five months I get the idea that I ought
to be able to use GridData to regrid data. I convince
myself that I know what I am doing, and I start in on
it. The article you cite was the only time in 5-6 attempts
that I've even come close to being successful. And, then
only because I used a small data set.

In my latest attempt, several weeks ago, I used a LandSat
image band and tried to regrid it to a UTM grid. I started
the program on a Friday night and just decided to let it run
until it was finished. I gave up on it sometime Sunday morning
and killed IDL. I can't really recommend this as a real-time
solution. :-)

My conclusion is that if you need things regridded (and
if you work with satellite images, this is **always**
required, eventually), you will have to use something other
than IDL to do the job.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
