Subject: Re: Grid help
Posted by ben.bighair on Thu, 11 Apr 2013 12:48:18 GMT

On Thursday, April 11, 2013 3:41:30 AM UTC-4, dave poreh wrote:
> Folks
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>
> I have a grid problem. I have an area like 15*10 Km^2 and i have inside a data set like: lon-lat-velocities. This data sets is not distributed equally i.e for some area I have thousands of these points and for some area no data. I want to grid this data or resample it by means of a any interpolation methods (I prefer kriging) with grid size 20 m intervals. And for each grid cell i want to calculate the mean value of the velocities. At the end i want a out put like lon-lat-velocities but this time with average velocities.
>

Hi,

Try feeding your data into GRID_INPUT which will organize the data for you and deal with duplicates. Then, for Kriging, you'll need to TRIANGULATE the data. Finally you'll use GRIDDATA.

Checkout these, too, ...

http://www.idlcoyote.com/code_tips/usegriddata.html
http://www.idlcoyote.com/code_tips/griddata.html

Cheers,
Ben