
Subject: Re: equal lat long grid

Posted by peter.albert@gmx.de on Mon, 10 Apr 2006 06:51:29 GMT

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Hi Pawan,

I once wrote `lonlat2reg()` which can be found here:

<http://wew.met.fu-berlin.de/idl/lonlat2reg.pro>

Input can be any arrays or vectors with (irregular) longitude / latitude and data information. Output is a structure with the number of irregular data points in each regular grid box, their sum, squared sum and average, standard deviation and the lon / lat values of the grid center. The target regular grid is defined via keywords. You choose the lower left corner, the size of each grid and the number of grid boxes. N.b. the lower left corner is the lower left corner, not the center of the lower leftmost grid box.

And yes, it uses histogram and reverse indices!

Cheers,

Peter
