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Subject: Re: spatial interpolation  
Posted by [hjalti](#) on Fri, 03 Oct 2003 10:32:07 GMT  
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Thank you so much. The description for this function in the reference guide does not mention this - only regular grids. And the only possible return value mentioned is a two dimensional array. This is somewhat misleading.

Regards, Hjalti

Mark Hadfield <m.hadfield@niwa.co.nz> wrote in message  
news:<blfjb1\$bgs\$1@newsreader.mailgate.org>...

> Hjalti Sig wrote:

>> Has anyone interpolated values from one set of scattered points (say  
>> the terrain height of digitized contour lines from a map) to another  
>> set of scattered points (say those points that are to be used in a  
>> finite element model for groundwater flow). Note that this does not  
>> involve any type of grids, regular nor irregular.

>> What would be the most straightforward way to do this?

>

> The GRIDDATA function (introduced in 5.5). The XOUT and YOUT arguments  
> can be used to specify any set of output points you want.

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