
Subject: hist_nd to resample point data to a grid
Posted by [sam.tushaus](#) on Wed, 12 Oct 2016 21:36:41 GMT
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I have a regularly gridded dataset over the continental US, and swaths of satellite data that I would like to match to that grid. (Sometimes the swaths only partially overlap the gridded dataset).

I have been trying out the methods outlined here (
https://groups.google.com/forum/?hl=en#!searchin/comp.lang.idl-pvwave/hist_nd%7Csort:relevance/comp.lang.idl-pvwave/TLmV W5GxZOo/iKyGMLE6aawJ),
here (https://groups.google.com/forum/?hl=en#!searchin/comp.lang.idl-pvwave/hist_nd%7Csort:relevance/comp.lang.idl-pvwave/lnkX 7tTlqWI/MO79Y8wf5zsJ), and
here (http://www.idlcoyote.com/map_tips/matchptgrid.html).

For some reason, though, trying this just gives me a newly gridded array of -0.0's. Does anyone have insight as to why this is happening?

Thanks!

Subject: Re: hist_nd to resample point data to a grid
Posted by [Jeremy Bailin](#) on Fri, 21 Oct 2016 22:39:43 GMT
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I think we need more information... the technique certainly should work, so there must be something about how you are implementing it that is causing issues.

-Jeremy.

Subject: Re: hist_nd to resample point data to a grid
Posted by [rawahranger](#) on Sun, 23 Oct 2016 20:24:00 GMT
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On Wednesday, October 12, 2016 at 3:36:43 PM UTC-6, Samantha Tushaus wrote:
> I have a regularly gridded dataset over the continental US, and swaths of satellite data that I would like to match to that grid. (Sometimes the swaths only partially overlap the gridded dataset).
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>
> Thanks!

My first guess would be you are not using floating point arrays in your calculations.

Cheers,

David
