
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.i](https://groups.google.com/forum/?hl=en#!searchin/comp.lang.idl-pvwave/hist_nd%7Csort:relevance/comp.lang.idl-pvwave/TLmVW5GxZOo/iKyGMLE6aawJ)

[dl-pvwave/hist_nd%7Csort:relevance/comp.lang.idl-pvwave/TLmV W5GxZOo/iKyGMLE6aawJ](https://groups.google.com/forum/?hl=en#!searchin/comp.lang.idl-pvwave/hist_nd%7Csort:relevance/comp.lang.idl-pvwave/TLmVW5GxZOo/iKyGMLE6aawJ)),

here ([https://groups.google.com/forum/?hl=en#!searchin/comp.lang.i](https://groups.google.com/forum/?hl=en#!searchin/comp.lang.idl-pvwave/hist_nd%7Csort:relevance/comp.lang.idl-pvwave/lnkX7tTlqWI/MO79Y8wf5zsJ)

[dl-pvwave/hist_nd%7Csort:relevance/comp.lang.idl-pvwave/lnkX 7tTlqWI/MO79Y8wf5zsJ](https://groups.google.com/forum/?hl=en#!searchin/comp.lang.idl-pvwave/hist_nd%7Csort:relevance/comp.lang.idl-pvwave/lnkX7tTlqWI/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!
