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Subject: Map\_set limits

Posted by [Erard](#) on Tue, 25 Nov 1997 08:00:00 GMT

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Hello.

I was trying to superimpose satellite images to a map in IDL 4, and had a problem:

I have to set the map's dimensions to the image's to get a good match, using the keyword "position" in map\_set.

After several tries I found out that the map limits are enlarged by 2% in both directions (long/lat), while the dimensions are unchanged. The result is that I get a map of a larger area in the dimensions of my image.

So far, I have solved this problem by either increasing the map's dimensions or by reducing the limits in long/lat by 2% before calling Map\_set, depending on the type of image I'm processing and the output.

I'm now in the process of writing of different version of Map\_set adapted to planetary mapping, and I want to get rid of this kind of problems. Does anybody know why the position parameters are modified in map\_set, and whether I can safely spare this modification?

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