
Subject: Re: Map_set & Plots

Posted by [HADFIELD\[1\]](#) on Mon, 04 Jul 1994 21:39:34 GMT

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In article <Cs6HMs.Axx@ra.nrl.navy.mil> nicholas@dsuap1 (Andy Nicholas) writes:

> I am trying to use map_set to plot the ground-track of a spacecraft and use
> plots to draw a line from the ground track in the line-of-sight (los)
> direction. I can plot the points fine, but cannot seem to get them all to
> connect. Here is my attempt:
> ...
> This only works on about half of the points. Only the points that are East of
> Greenwich are plotted, and nothing west. Anyone have any suggestions?

IDL User's Manual 3.5 p 19-16 says "... lines with length exceeding a certain value will not be drawn. The critical value depends on the projection. Problems with drawing lines may occur when lengths exceed 75% of the length or width of the map. In that case, simply break the line into shorter line segments."

It's not clear why this would lead to points E but not W of Greenwich being plotted, but anyway, try adding some intermediate points.

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Mark Hadfield	hadfield@greta.niwa.cri.nz
NIWA Marine (Taihoru Nukurangi)	NIWA.GRETA:HADFIELD
Wellington, New Zealand	
