Subject: overlaying graphs on top of maps
Posted by Martin[1] on Fri, 30 Sep 2005 15:30:37 GMT

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Hi guys,

I'm trying to overlay several graphs on top of a map projection in
order to show varying degrees of pollution in different parts of the
globe.

Out of naivety or optimism I tried using OPLOT although I got the
error;
% OPLOT: Value of Latitude is out of allowed range.

Could someone give me a clue about how to go about doing this at all? I
have a sneaking suspicion that someone will say Object Graphics!

Thank you!

Martin..

Subject: Re: overlaying graphs on top of maps
Posted by peter.albert@gmx.de on Tue, 04 Oct 2005 07:44:46 GMT

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Hi Martin,

from your error message I would rather think that something with your
longitude / latitude data is wrong instead of the technique used. If,
just as an example, I try something like

IDL> map_set, /hires
IDL> oplot, indgen(360), indgen(360)/2-90, psym=4

it does exactly what it should.

However, I can't get the error message, neither with the lat or lon
values exceeding 360 or 180°, respectively, neither with NaN or Inf
values. But anyway I would carefully check what loacations you are
trying to plot.

Cheers,

   Peter