Subject: vectors on map-- partvelvec?

Posted by anil on Tue, 03 Jul 2012 12:43:42 GMT

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Hi,
I am trying to plot a map and on top of it, the geostrophic velocities
from a data source.
I am using partvelvec.pro . It works fine when i do not do any
positioning, but this time the plot is awkward.
When i set a position like;
 Map_Set,/grid, Limit=[40 ,27,48, 42],position=[0.1,0.15,0.9,0.9] ;
for example, and i do ,
partvelvec,u,v,lon,lat,/over
then i end up with some of the data being plotted on the map but some
are missing !!!??!!.
The missing part corresponds ~ to the second half of the data file(an
ascii file containing longitude, latitude,u,v and dates).
Why is this happening? I know the partvelvec function uses cg*
routines from Coyote library, but I have it installed in my libray.
Why is it plotting everything, when position is not set but it is not
when the position is set?
I checked the ascii files a thousand times but nothing seems to be
wrong, just an ordinary ascii file.