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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 library.

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.

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