
Subject: Re: contour plots on map with Coyote Graphics System in postscript

Posted by [Alexandra Laeng](#) on Thu, 04 Oct 2012 21:52:19 GMT

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Ok, here is what I'm doing (after defining data, lon, lat and nlevels) in order to simply plot a data projected on map directly into PostScript file:

```
=====
```

```
set_plot, 'PS'
```

```
PageParam = PSWINDOW(/LANDSCAPE, /CM, PAGESIZE='A4')
```

```
PS_START, filename = work_path+'profiles_correlation_on_map.ps'
```

```
levels = cgConLevels(Float(data), NLevels=nlevels+1, MinValue=Floor(Min(data)), STEP=step, Factor=1)
```

```
LoadCT, 0
```

```
cgLoadCT, 2, /Reverse, /Brewer, NColors=nlevels-1, Bottom=1
```

```
TVLCT, cgColor('white', /Triple), nlevels
```

```
map = Obj_New('cgMap', 'Equirectangular', Ellipsoid=19, $
```

```
  XRange=xrange, YRange=yrange, /LatLon_Ranges, CENTER_LON=center_lon, $
```

```
  Position=[0.1, 0.1, 0.9, 0.8], Limit=[Min(lat), Min(lon), Max(lat), Max(lon)])
```

```
map -> AddCmd, Method='Erase'
```

```
map -> AddCmd, Method='Draw'
```

```
cgContour, data, lon, lat, /Cell_Fill, /Overplot, /Outline, C_Colors=Indgen(nlevels)+1, Levels=levels, Map=map, OutColor='White', /AddCmd
```

```
cgMap_Grid, Map=map, /Box, /AddCmd
```

```
cgMap_Continents, Map=map, Color='tomato', /AddCmd
```

```
cgColorbar, Range=[Min(levels), Max(levels)-step], OOB_High=nlevels, $
```

```
  NColors=nlevels-1, Bottom=1, /Discrete, $
```

```
  Title='Temperature ' + cgSymbol('deg') + 'K', $
```

```
  Position=[0.1, 0.91, 0.9, 0.95], /AddCmd
```

```
cgControl, Execute=1
```

```
PS_END
```

```
set_plot, 'X'
```

```
=====
```

and here is what I get:

```
CGMDWINDOW::INIT-> WSET: Routine is not defined for current graphics device
```

Do you by any chance see what am I doing wrong?

Alex
