
Subject: map_set in idl 5

Posted by [Torben Schmith](#) on Mon, 30 Mar 1998 08:00:00 GMT

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I have discovered an error in the idl-5.0.3 version of map_set when using Lambert projection. The map is clipped in the horizontal direction and the outermost latitude-circl interrupted. When '/noborder' is omitted evrything is perfect. Also in idl 4 evrything works ok.

And here comes a test program illustrating the probling

```
; define plotting environment
```

```
type = 'x'
```

```
if ( type eq 'x') then begin
```

```
  set_plot,'x'
```

```
  device, retain=2
```

```
  window,0,xsize=800,ysize=800
```

```
endif
```

```
if ( type eq 'ps' ) then begin
```

```
  set_plot,'ps'
```

```
  device, filename="/home/tsc/tmp/plot.ps", $
```

```
    /portrait, bits=24, xsize=20,ysize=26, xoffset=1.0,yoffset=1.0,
```

```
$
```

```
  font_size=12
```

```
endif
```

```
loadct, 0
```

```
p0lat = 90.
```

```
p0lon = 0.
```

```
rot = 0.
```

```
; define sub-area
```

```
alat_s = 30.
```

```
alat_n = 90.
```

```
alon_w = -180.
```

```
alon_e = 180.
```

```
; plot
```

```
!p.multi = [0,1,1]
```

```
map_set, p0lat, p0lon, rot, /lamb, /isotropic, $
```

```
/noborder, /advance, $
limit = [alat_s, alon_w, alat_n, alon_e], $
xmargin=[3,3], ymargin=[3,3], $
title= 'Test'
```

```
map_continents, /coasts
map_grid, latdel=30, lonel=90, $
glinestyle=0, glinethick=1
```

```
;exit
```

```
if ( type eq 'ps' ) then begin
  device, /close
endif
```

```
end
```

```
*****
```

```
--
```

```
***** *****
```

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```
***** *****
```