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Subject: Mapping issue with mapcontinents, /usa and /canada .....

Posted by [Geo](#) on Wed, 10 Aug 2016 17:04:22 GMT

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Hi there,

Does anyone know what is going on here. Basically I am doing some New Graphics mapping stuff. I need continental outlines, but i also want the US states and the Canadian provinces.

This should be straightforward - mapcontinents has /usa and /canada options.... but when I do this the coastal outlines are not consistent.

To show you what I mean - this code shows the issue perfectly with either mapping. Check the outline of Florida or California - the continent outline (black) and the USA outline (red) do not match up at all. Total mess.

I can't believe I'm the first person to notice this - but does anyone have a solution?

Any help appreciated

Cheers

George.

pro map\_issue

; North America....

```
; map = map('geographic', center_longitude=-105, $
; dimensions=[1200,900], limit=[20,-165,85,-45], $
; fill_color="white", linestyle='dotted', $
; label_position=0, font_size=12, $
; margin=[0.05,0.1,0.05,0.1], aspect_ratio=0)
```

; North America

```
map = map('orthographic', center_longitude=-105, $
    dimensions=[1600,900], limit=[20,-165,85,-45], $
    fill_color="white", linestyle='dotted', $
    label_position=0, font_size=14, $
    margin=[0.05,0.1,0.05,0.1], aspect_ratio=0)
```

```
m0 = MAPCONTINENTS(fill_background = 0)
m1 = MAPCONTINENTS(/USA, fill_background = 0, color = 'red')
m2 = MAPCONTINENTS(/CANADA, fill_background = 0, color = 'blue')
```

end

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