
Subject: map projection

Posted by [siumtesfai](#) on Fri, 06 Mar 2015 18:37:34 GMT

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Hello All,

I need basic help on map projection showing United State

Latitude range [25N , 50N]

longitude range [190E , 310E]

I tried as follow but the map is stretched

```
cgMAP_SET, /MERCATOR, /GRID, /CONTINENT, $  
  POSITION=[0.025, 0.0, 0.525, 0.8], $  
  LIMIT =[25,190,50,310], /NOERASE, /NOBORDER
```

I also tried other projections : CYLINDRICAL

Best wishes

Subject: Re: map projection

Posted by [David Fanning](#) on Fri, 06 Mar 2015 18:46:01 GMT

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siumtesfai@gmail.com writes:

```
>  
> Hello All,  
>  
> I need basic help on map projection showing United State  
>  
> Latitude range [ 25N , 50N]  
> longitude range [ 190E , 310E]  
>  
> I tried as follow but the map is stretched  
>  
> cgMAP_SET, /MERCATOR, /GRID, /CONTINENT, $  
>   POSITION=[0.025, 0.0, 0.525, 0.8], $  
>   LIMIT =[25,190,50,310], /NOERASE, /NOBORDER
```

Try this:

```
cgMAP_SET, /MERCATOR, $  
  POSITION=cgAspect((50.-25.)/(310.-190)), $  
  LIMIT =[25,190,50,310], /NOBORDER  
cgMap_Grid
```

cgMap_Continents

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: map projection

Posted by [siumtesfai](#) on Fri, 06 Mar 2015 19:06:48 GMT

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On Friday, March 6, 2015 at 1:37:38 PM UTC-5, siumt...@gmail.com wrote:

> Hello All,

>

> I need basic help on map projection showing United State

>

> Latitude range [25N , 50N]

> longitude range [190E , 310E]

>

> I tried as follow but the map is stretched

>

> cgMAP_SET, /MERCATOR, /GRID, /CONTINENT, \$

> POSITION=[0.025, 0.0, 0.525, 0.8], \$

> LIMIT =[25,190,50,310], /NOERASE, /NOBORDER

>

> I also tried other projections : CYLINDRICAL

>

> Best wishes

Hi

POSITION=cgAspect((50.-25.)/(310.-190))

did not work the aspect ratio

Subject: Re: map projection

Posted by [David Fanning](#) on Fri, 06 Mar 2015 19:11:04 GMT

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siumtesfai@gmail.com writes:

> POSITION=cgAspect((50.-25.)/(310.-190))
> did not work the aspect ratio

Update your Coyote Library:

http://idlcoyote.com/code_tips/fixcoyoteprogram.php

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: map projection

Posted by [siumtesfai](#) on Fri, 06 Mar 2015 19:19:51 GMT

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On Friday, March 6, 2015 at 2:06:53 PM UTC-5, siumt...@gmail.com wrote:

> On Friday, March 6, 2015 at 1:37:38 PM UTC-5, siumt...@gmail.com wrote:

>> Hello All,

>>

>> I need basic help on map projection showing United State

>>

>> Latitude range [25N , 50N]

>> longitude range [190E , 310E]

>>

>> I tried as follow but the map is stretched

>>

>> cgMAP_SET, /MERCATOR, /GRID, /CONTINENT, \$

>> POSITION=[0.025, 0.0, 0.525, 0.8], \$

>> LIMIT =[25,190,50,310], /NOERASE, /NOBORDER

>>

>> I also tried other projections : CYLINDRICAL

>>

>> Best wishes

>

> Hi

>

> POSITION=cgAspect((50.-25.)/(310.-190))

> did not work the aspect ratio

Updated and tried . It did not work. Thanks

Subject: Re: map projection

Posted by [David Fanning](#) on Fri, 06 Mar 2015 19:25:07 GMT

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siumtesfai@gmail.com writes:

> Updated and tried . It did not work. Thanks

Works here. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
