
Subject: Re: Overlaying gridded winds on satellite data
Posted by [Chris\[3\]](#) on Wed, 20 Jul 2005 16:33:55 GMT
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Hey David,

Thanks for your help...when I run the cursor command...I run it right after the imagemap procedure...then after that I run it after the windbarb procedure...and when I do that...the result is differing latitudes and longitudes of only about .05 degrees. When I use the cursor command...this is how I write it.

```
cursor, long, lat  
print, lat, long
```

I see you mention something about DOWN and DATA keywords...what exactly do they do? Thank you again for all of your support.

Chris

David Fanning wrote:

```
> Chris writes:  
>  
>> I forgot to mention how I came up with my conclusion that the latitudes  
>> and longitudes do not match up. I used the cursor procedure which I  
>> then print to the screen to tell me the latitude and longitude of  
>> certain pixels...I use the corner to make sure I click on the same  
>> pixel...and the latitudes and longitudes do not match up. Thanks again  
>> for all of your help.  
>  
> Humm. Well, I don't see any reason this doesn't work  
> perfectly. :-)  
>  
> Liam is setting up the map projection for you (Mercator  
> in this case), and the wind barbs are certainly going onto  
> the map in data coordinate space. Makes me think you  
> are not doing the CURSOR command properly. Are you using  
> the DOWN and DATA keywords with it? And are you using  
> it immediately after you run this program?  
>  
> Just don't have many other ideas.  
>  
> Cheers,  
>  
> David  
> --  
> David Fanning, Ph.D.  
> Fanning Software Consulting, Inc.
```

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