Subject: Re: (cG) windbarb problem
Posted by natha on Tue, 25 Mar 2014 13:41:04 GMT
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I fixed the routine by using the CLIP keyword and by modifying the lines 245 and 246
x1 = clip[0] > (xx[j] + sindr * sr) < clip[2]
y1 = clip[1] > (yy[j] + cosdr * sr * aspect) < clip[3]:
by
x1 = clip[0] > (xx[j]) < clip[2]
y1 = clip[1] > (yy[j]) < clip[3]

Now everything is working properly

```
 device, dec=0

 !p.background=255
 !p.color=0

 limit=[20.,-128.,53.,-65.]

 dim=[800,800]

 window, 0, xsize=dim[0], ysize=dim[1]

 map_set, 0, 0, limit=limit, position=[0,0,1,1], /noborder, /isotropic, /mercator

 map_continents, /countries, /coasts

 uv_box=!map.uv_box
 aspect_ratio=(uv_box[2]-uv_box[0])/(uv_box[3]-uv_box[1])

data=intarr(100,100)
 temp=map_image(data,xstart,ystart,xsize,ysize,latmin=limit[0 ],latmax=limit[2],$
  lonmin=limit[1],lonmax=limit[3],/compress)

 clip=[xstart,ystart,xstart+xsize,ystart+ysize]/float([dim,di m])

 windbarb, [-110], [35], [50.], [45.], length=0.3, color=[0,0,0], clip=clip, aspect=1.

 plots, [-110], [35], psym=1
```