
Subject: Re: Velocity vectors on maps

Posted by [wmc](#) on Thu, 07 Oct 1999 07:00:00 GMT

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Kenneth P. Bowman <bowman@null.edu> wrote:

> Can anyone give me pointers to IDL procedures to making correct velocity
> vector plots on maps, notably azimuthal polar projections?

This is a code fragment:

```
fx1=fx*cosd(lo)+fy*sind(lo)
fy1=-fx*sind(lo)+fy*cosd(lo)
```

which works OK for polar stereo... [fx,fy] are the original arrow sizes,
lo the longitudes at the arrow positions, and [fx1,fy1] the rotated arrows.

-W.

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