
Subject: Re: Limit on Polar Stereographic Projection?

Posted by [wmc](#) on Mon, 05 Jan 1998 08:00:00 GMT

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In article v92@news.arc.nasa.gov, lin@ice.arc.nasa.gov (Jin-Sheng Lin) writes:

>

> Hi IDL users,

>

> Can a polar stereographic map projection allow a specification

> of map boundary?

Yes

> Our Linux idl does not cut out the quadrant, but makes an ugly

> plot that extends outside the limiting -30 degree latitude circle

> out along the plot window's diagonals.

This is what happens on our Alpha's, too. I've always considered it normal.

When you come to, say, contour the plot, you'll find the contours only fit within the 30 S circle!

If you don't like the excess, you can use polyfill to overwrite outside 30 S.

- William

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