
Subject: Re: West is Where!?

Posted by [Vincent Sarago](#) on Tue, 20 Sep 2011 15:35:29 GMT

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From IDL Help (MAP_PROJ_INIT),

LIMIT

Set this keyword to a four-element vector of the form

[Latmin, Lonmin, Latmax, Lonmax]

that specifies the boundaries of the region to be mapped. (Lonmin, Latmin) and (Lonmax, Latmax) are the longitudes and latitudes of two points diagonal from each other on the region's boundary.

Note: If the longitude range in LIMIT is less than or equal to 180 degrees, map clipping is performed in lat/lon coordinates before the transform. If the longitude range is greater than 180 degrees, map clipping is done in Cartesian coordinates after the transform. For non-cylindrical projections, clipping after the transformation to Cartesian coordinates means that some lat/lon points that fall outside the bounds specified by LIMIT may not be clipped. This occurs when the transformed lat/lon points fall inside the cartesian clipping rectangle.

Note: Lonmin should be in the range -180 to +180. Lonmax should be in the range -180 to +540, and must be greater than Lonmin. The total range for the map (Lonmax - Lonmin) must be 360 degrees or less.

So I'm not sur is possible when using the IDL graphic function ...

need to investigate more...

Vincent
