Subject: UTM map
Posted by sso on Wed, 28 Jul 2004 13:27:45 GMT

Is there any possibility to draw a rectangular grid (with typically
30x40 grid cells in XxY direction) on a standard UTM map in idl? What
I'm looking for is a standard plot presenting numerical model results
with the grid cells coloured according to the values. The map itself
is easy enough to make but when overplotting squares with fixed
distance (in meters) the grid lines get "zig-zaged" when converted to
lat/lon. Do I e.g. have to split the grid lines into an extremely dens
row of UTM coordinates and then convert to lat/lon? A bit awkward. As
far as I know, idl hasn't any functionality for UTM map coordinates,
or am I wrong?

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