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Subject: 3D graphing

Posted by [orangelubee](#) on Mon, 18 Aug 2008 20:55:10 GMT

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Hello all,

I've been trying to make a very simple 3D graph for days now and I'm completely stumped because I know nothing about this. My data is gridded data of temperatures at different levels of the atmosphere over Antarctica and I have nice plots using `map_set` and `contour` for each level separately but I would really like to have a 3D version of just one temperature contour throughout the entire atmosphere. Is there a way to get a z-axis added to a map and contour at each level? I've tried using `T3D` but I'm not understanding how it applies to contour and plot or really how it works at all. I've also tried to use the `isosurface`, `scale3` and then `polyshade` to view a certain temperature surface but I keep running into this error: `POLYSHADE: Vertex 0: X,Y,Z location out of range.` which I don't know how to fix.

Is there an easy way to do this or am I way off track?

Thanks,

Stephanie

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